



INTRODUCTION

KITEO - your innovative partner for energy-efficient and daylight-like lighting solutions - developed & manufactured in Central Europe.

Individual lighting projects

KITEO is the partner for building owners, architects, lighting designers, electrical installers and end customers, from conception and planning to the development of pioneering luminaires and the implementation of complex projects. The KITEO luminaire portfolio includes also lighting solutions for the professional project sector.

PI-LED technology for biorhythmic luminaires

KITEO relies on innovative PI-LED technology, which combines daylight-like lighting and brilliant RGB color effects in one light source and brings the natural progression of daylight into every room.

Melanopic light effect

In addition to the outstanding quality of light, KITEO focuses on the melanopic effect, in other words the non-visual effect of light on the natural biorhythm and therefore on human health.

KITEO RE-FIT luminaires - ENEC-certified LED lighting

With RE-FIT luminaires, KITEO offers the ideal solution for converting fluorescent tubes. The highly efficient luminaires are ENEC-certified, highly energy-efficient and Made in Europe! KITEO offers RE-FIT luminaires for grid or profile luminaires as well as new luminaires for numerous applications.



Rethinking light - sustainable, energy-efficient, innovative

At KITEO, we stand for high-quality LED lighting with a focus on the individual. Our aim is to develop daylight-like, energy-efficient and sustainable lighting solutions that not only illuminate rooms, but also enhance human well-being.

Numerous satisfied customers already rely on our solutions - their positive feedback and long-standing partnerships encourage us in our mission.

As a regional partner, we focus on quality, innovation and close cooperation with our customers. We support you from the initial idea to the perfect implementation - with passion, expertise and the ambition to always create the best lighting for your requirements.

Let's change the future of light together!

Michael Paukowits,
Managing Director KITEO



NEW PRODUCTS

K-MOTUS II

Your project. Your choice.

Light color: PI-LED | 3.000 K | 4.000 K

Color selection: Housing color configurable

Beam angle: 24° | 60° | 80°

Ceiling cutout: 68 mm



K-VIEW

Perfect lighting solution

PI-LED technology with Bartenbach optics

Homogenous wallwashing

Excellent color rendering

UGR < 17 with beam angle 45° | 61°



K-View 45°



K-View 61° | 70°



K-View WALLWASH

BIO-LOGIC LIGHT

Innovation in light planning

Activating/calming interventions

Ideal light at the workplace

Study by LUMITECH and Bartenbach

Human-centered lighting



ACTIVATE
Morning



DAYLIGHT
Less tiredness



TWILIGHT
Evening

KITEO RE-FIT

New installation of an ENEC-certified LED luminaire*



Eligible for subsidies

Criteria ENEC-certification, > 120 lm/W and CRI > 80 are fulfilled.
Simple replacement of light sources is excluded from subsidies.



Energy efficiency

Highest efficiency up to 180 lm/W.
Up to 70 % energy savings and no stray light losses.



Made in Europe

Engineered in Austria and manufactured in Europe.
In accordance with environmental and sustainability regulations.



Sustainability

Luminaire housing can remain in place.
Replacement without structural measures on the ceiling.



*in accordance with point 1. | Information sheet - Conversion of lighting systems to LED light sources | FEEI - Association of the Electrical and Electronics Industry



General Hospital,
Vienna



Office,
Jennersdorf

K-MOTUS II

PI-LED® PI-LED
1.800 K – 16.000 K

Fixed White
3.000 K | 4.000 K

Standard ceiling cutout
68 mm

Perfect lighting solution for
Offices | Medical practices | Private houses

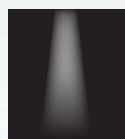


WHITE
Timeless and elegant

BLACK
Modern design for dark ceilings



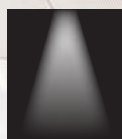
YOUR HOUSING COLOR



SPOT 24°
Accentuation



FLOOD 60°
General lighting



FLOOD 80°
General lighting



FLOOD 60°
For an even lighting solution



YOUR BEAM ANGLE

3.000 K
warm white



4.000 K
neutral white



YOUR LIGHT COLOR



TIPP!

PI-LED
With PI-LED lighting solutions
from 1.800 K to 16.000 K
as well as RGB colors are
possible.



YOUR PROJECT.

YOUR CHOICE.



K-MOTUS II

K-VIEW



Bartenbach[®]



Perfect lighting solution for
Offices | Healthcare | SmartHomes | Culture



K-VIEW 45°
UGR 9
Accentuation



K-VIEW 61° | 70°
UGR < 17 (61°)
Basic lighting,
Accentuation



K-VIEW WALLWASH
asymmetrical
Consistent
wallwashing



Quality

The patented and awarded PI-LED technology meets Bartenbach and sets new benchmarks!



Color rendering

Thanks to the exceptionally high R9 value, excellent color rendering is also possible in red ranges.



Dazzle-free daylight

from a UGR 9

K-VIEW

PARADIGM CHANGE IN LIGHT PLANNING

BIO-LOGIC LIGHT is the new standard for daylight-like lighting in the working environment!

It is the new product from LUMITECH and Bartenbach for creative, innovative and tailor-made lighting solutions.

The standard for human-centered lighting design in daily office life.

BIO-LOGIC LIGHT precisely maps the natural lighting needs of people and the requirements of working and learning environments.

Various interventions are used to adapt the course of daylight more specifically to the daily requirements of working life.

#1 Activating, supporting and calming interventions

- Ideal light at the workplace
- Improvement of the well-being

Study result:

Human perceptual preference does not always correspond exactly to the Planck's curve.

#2 Human-centered implementation of white light

- Differences lead to optimum contrast (visual tasks/reading are easier and less strenuous)

Reference example form an inspiring starting point.

#3 Exemplary lighting concepts for specific applications

- Bartenbach and LUMITECH present various lighting solutions based on an office lighting concept.

Professional lighting design is required for BLL lighting solutions.

#4 Bartenbach planning tool for optimized control curves

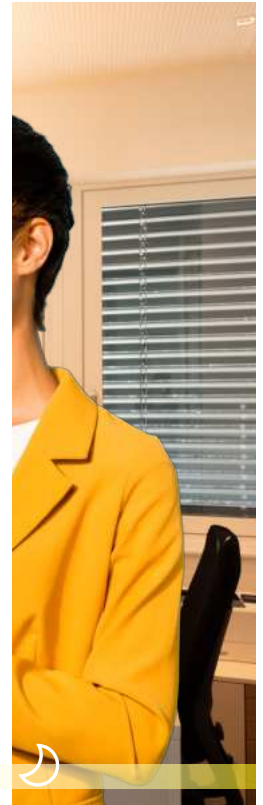
- With KITEO you will be in the perfect place.



ACTIVATE
Morning



DAYLIGHT
Less tiredness



TWILIGHT
Evening

APPLICATION EXAMPLES

Practical implementations

The new BIO-LOGIC LIGHT daylight sequences are now implemented in KITEO lighting solutions!

This new standard is the perfect lighting solution for offices, public facilities and educational establishments.



Example 1

DIRECT+WALLWASH – Solution

- Downlights for directional lighting
- Wallwashers use walls as reflective surfaces to brighten up the room



Example 2

DIRECT+INDIRECT – Solution

- Pendant luminaires with two independently controllable light components:
- directly to the work surface
 - indirectly on the ceiling (as a reflective surface)

THE GAP BETWEEN THEORY AND PRACTICE

Making biologically effective light plannable in a simple, contemporary and application-specific way:

With BIO-LOGIC LIGHT, Bartenbach and LUMITECH have developed their own standard with an associated planning tool, which has already been implemented and tested with the PI-LED technology from LUMITECH. In a comprehensive scientific white paper on the BIO-LOGIC LIGHT standard, the lighting experts from Aldrans/Tyrol not only describe a practice-oriented continuation of daylight-like lighting.

They also mark the beginning of a paradigm shift in lighting design: away from a strict focus on daylight curves and Planck's curves with their associated standards. Towards planning that not only meets basic human needs for brightness, safety and visual orientation. But also fulfills complex biological and emotional aspects of human perception.



3.000K @Planck



3.000K BIO-LOGIC LIGHT
Higher contrast, richer color impression



4.000K @Planck



4.000K BIO-LOGIC LIGHT
Higher brilliance, richer color impression



6.000K @Planck



6.000K BIO-LOGIC LIGHT
Higher contrast, richer color impression

If you are interested in detailed information about BIO-LOGIC LIGHT or would like to use our planning expertise for a specific lighting task, you can find more information at: www.lumitech.com



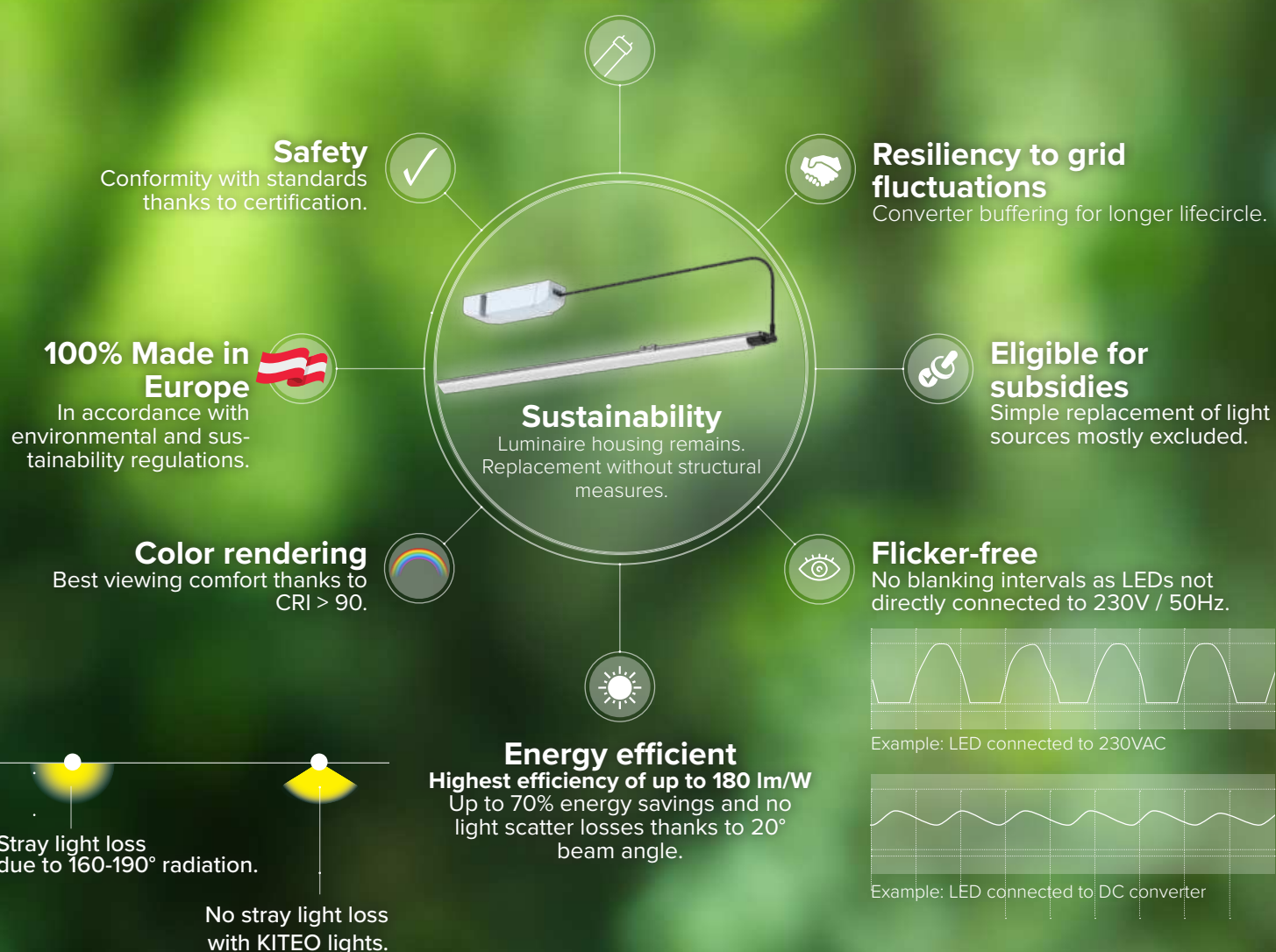
SCAN ME

KITEO RE-FIT

New installation of an ENEC-certified LED luminaire

Urgent need for action!

Conventional light sources phased out in August 2023. KITEO offers solutions for each type.



KITEO RE-FIT | Best Practice

Interview with representatives of Vienna General Hospital, Wien Energie and VAMED

Energy-efficient conversion to LED lighting at Vienna General Hospital

KITEO RE-FIT for 52.000 luminaires

The General Hospital in Vienna, one of the largest hospitals in Europe, is, like many others, confronted with the ban on the sale of fluorescent tubes. To overcome this challenge, the Hospital's technical management teamed up with Wien Energie and VAMED to carry out a Europe-wide tender to find the best solution for converting existing fluorescent tubes to LED.

Ultimately, the RE-FIT solution from KITEO won the contract thanks to its high flexibility, above-average energy efficiency and easy installation. Another important aspect of the KITEO lighting solution was the existing ENEC-certification in accordance with current standards.

What measures were required at the Hospital?

Mr. OstBR, Dipl.-Ing. Simonitsch, technical Director General Hospital

„The ban on the sale of fluorescent tubes served as the incentive for us to convert. As we defined sustainability targets together with Wien Energie, which also include converting to LED lighting, this was an important step.“

What criteria were important for the tender?

Mr. OstBR, Dipl.-Ing. Simonitsch, Hospital

„During the tendering process, the focus was on maintaining our ventilation system, which is integrated into the luminaire housing. We attached a great importance to an adaptable luminaire that enables simple conversion and minimizes maintenance costs.“

„Due to our sustainability goal, energy efficiency was also given a high priority. With the RE-FIT luminaires enabling impressive and verified energy savings of 61%! This is important as the lights are switched on all day.“

„As a public institution, we feel obliged to install high-quality materials. For this reason, we attach particular importance to the ENEC-certification and the high color rendering of RE-FIT.“

Ms. Teufelsbauer, Group Manager Lighting Solutions Wien Energie

„During the tendering process, we paid attention to a customized product for Vienna General Hospital and a neutral selection of suppliers. The luminaires offered by KITEO are of high quality and very competitively priced. Due to these facts and other positive factors, such as energy efficiency and certifications, all participants of the project were positive about RE-FIT.“

Mr. Schobesberger, Head of Service Center VAMED

„In the tender, we paid attention to the special dimensions of the existing luminaire housing, which is why an individual RE-FIT luminaire was developed. The luminaire had to be procured quickly and ideally the supplier should be located in the immediate area.“

„The selected luminaire also needed to be pluggable on the connection side and, as we were carrying out the conversion, it was important that this was as simple and quick as possible.“



52.000 luminaires in the corridors of the General Hospital are converted with RE-FIT. (Mr. Markus Zingl, MSc; Mr. Michael Paukowitz; Mr. OstBR, Dipl.-Ing. Jörg Simonitsch, Mr. Michael Schobesberger; Ms. Elisabeth Teufelsbauer)

How was the collaboration and would you recommend the company to others?

Mr. OstBR, Dipl.-Ing. Simonitsch, Hospital

„We are very satisfied with the collaboration. The KITEO luminaires offer a uniform appearance thanks to the high quality of the light. We are not directly involved in the actual conversion, but we have received feedback that communication and project implementation are going smoothly. We know that the failure rate of the luminaires as of today (March 2024) is 0%, which shows for the high quality of KITEO.“

„We really appreciate having a local partner and sourcing Austrian products. We are pleased that we are achieving our sustainability goals and energy savings with RE-FIT. We look forward to further cooperation and would certainly recommend KITEO to others.“

Mr. Markus Zingl MSc, Project Management Wien Energie

„We are also extremely satisfied with the cooperation. KITEO was very flexible when it came to making any adjustments and we appreciate the positive added value for climate protection as well as the holistic customer support. The company's adaptability and flexibility have completely won us over, which is why we would definitely recommend KITEO.“

Mr. Schobesberger, VAMED

„I would particularly like to emphasize the successful planning phase and the short delivery times. The luminaires could and can be replaced within the specified time. The well thought-out system and the simple installation contribute to the fact that we can carry out the conversion quickly.“

„Overall, the cooperation was flawless and offers added value for future maintenance. We would therefore recommend KITEO and the RE-FIT luminaires further.“

Based on the sales ban on fluorescent tubes, the following criteria were adhered to in this project:

Retention of the existing housing system - ENEC-certified lighting solution - uncomplicated maintenance - high quality - problem-free communication - regional partner - comprehensive support.

As a result of these factors, a high level of customer satisfaction was achieved, including a willingness to recommend the company to others. The change to RE-FIT represents a valuable measure for all those involved in the sustainable and efficient operation of one of Europe's largest hospitals.



K-HORIZON

Maximum flexibility

K-Horizon combines task lighting and mood lighting in one luminaire and impresses across the entire range. The architectural highlight was designed in accordance with the golden ratio and can be flexibly adapted and integrated.

The extraordinary luminaire meets the highest architectural and photometric demands and enables uniform lighting - even around corners.



Highlights

Luminaire length configurable

Light colors: PI-LED | 3.000 K | 4.000 K

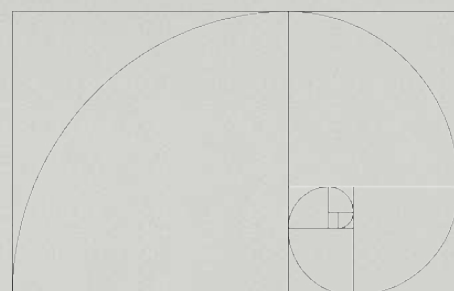
Housing colors: black | white | natural eloxated

Control system: Dali | ZigBee | Casambi | on/off

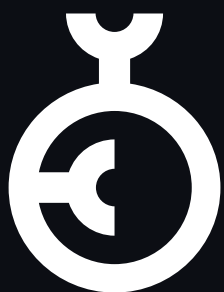
Innovation

Surface-mounted and recessed versions with

UGR < 19 available!



AWARD WINNING DESIGN



GERMAN
DESIGN
AWARD
SPECIAL
2019



GERMAN
DESIGN
AWARD
WINNER
2020





**GERMAN
INNO
VATION
AWARD '20
WINNER**



**GERMAN
INNO
VATION
AWARD '21
WINNER**

ICO 2
NIC 0
AWA 2
RDS 0

**INNOVATIVE
INTERIOR**

winner

APPLICATIONS

Unlimited light potential



OFFICE & ADMINISTRATION

Office | **OSG Headquarter** | Oberwart, AT

Trading room | **RBI** | Vienna, AT

Administration | **Chamber of Labor** | Jennersdorf, AT

ADVANTAGES

For companies, employees and workers

- + **Higher employee satisfaction**
 - ✓ Increased productivity
 - ✓ Less fluctuation
 - ✓ Less sick leave
- + **Higher productivity**
 - ✓ Increased performance
 - ✓ Activation, calming and reduction of stress levels
 - ✓ Improved working community and motivation



ART & CULTURE

Cultural center | **KUZ Mattersburg** | Mattersburg, AT

Museum | **Landesmuseum** | Eisenstadt, AT

Art project | **White Cube** | Vienna, AT

ADVANTAGES

For museums and galleries

- + **Conservative advantages**
 - ✓ Lighting without damaging spectral components (in the UV and IR range)
- + **Artist-oriented lighting**
 - ✓ Representation of the light under the conditions in which the artist found himself when creating the work
- + **Individual adaptation to the artwork**
 - ✓ Light as a means of emphasizing artistic dramaturgy and staging



EDUCATION

University | **Lernraum der Zukunft** | Munich, DE

School | **Kongsgårdmoen skole** | Kongsgårdmoen, NOR

School | **Volksschule die Erbse** | Bruckneudorf, AT

ADVANTAGES

For children and teenagers

- + **Improved concentration**
- + **Reduction in hyperactivity**
- + **Fewer feelings of tiredness**
- + **Balanced sleep/wake rhythm**
- + **Increased vitality**
- + **Higher motivation**



HEALTH

Hospital | **General Hospital** | Vienna, AT

Dental practice | **Praxis Dr. Neger** | Riegersburg, AT

Radiology center | **Spitalzentrum Biel** | Biel, CH

ADVANTAGES

For patients and staff

- + **Improved sleep/wake rhythm**
 - ✓ Support for the healing process
 - ✓ Possible reduction in medication
 - ✓ Reduced failure rate
- + **Reduced stress level before operations**
- + **Improved work performance and concentration**
- + **Dementia: Reactivation of the "internal clock"**



ENJOY & RELAX

Hotel | **Lambrechterhof** | St. Lambrecht, AT

Castle | **Schloss Gamlitz** | Gamlitz, AT

Spa | **Familientherme Stegersbach** | Stegersbach, AT

ADVANTAGES

For operators and visitors

Dynamic moods

- ✓ Morning: Fresh white tones - activation
- ✓ Midday: Cool white tones - concentration
- ✓ Evening: Warm white tones - relaxation

Spa:

In addition to the day-dependent moods, specific color moods can also be selected.



SHOPPING

Shop | **Heimatgold** | Kitzbühel, AT

Shop | **Victor Steinwender** | Vienna, AT

Outlet Center | **Designer Outlet** | Parndorf, AT

ADVANTAGES

For customers and retailers

- + Creating a shopping experience
- + Product colors can be reproduced faithfully
- + Promoting the purchase decision & longer dwell time
- + Increasing customer satisfaction
- + Reducing the number of returns



HOMES

Private house | **Familie Schön** | Graz, AT

Penthouse | **Regis** | Vienna, AT

Private apartment | **Familie Mut** | Jennersdorf, AT

ADVANTAGES

For residents

- + Creation of feel-good oases
- + Night mood:
 - ✓ Reducing the amount of blue light helps you to fall asleep (again) immediately



SPECIAL LUMINAIRES

Skylink | **Airport** | Vienna, AT

Eishotel | **Kaamos Aurinko** | Jukkasjärvi, SWE

Museum | **Mercedes-Benz Museum** | Stuttgart, DE

ADVANTAGES

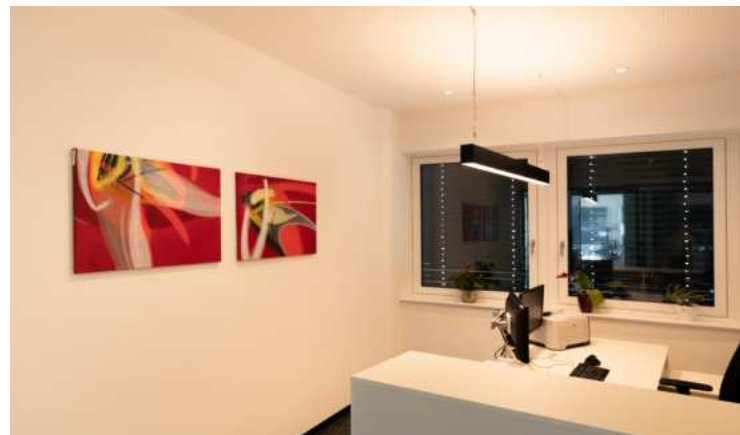
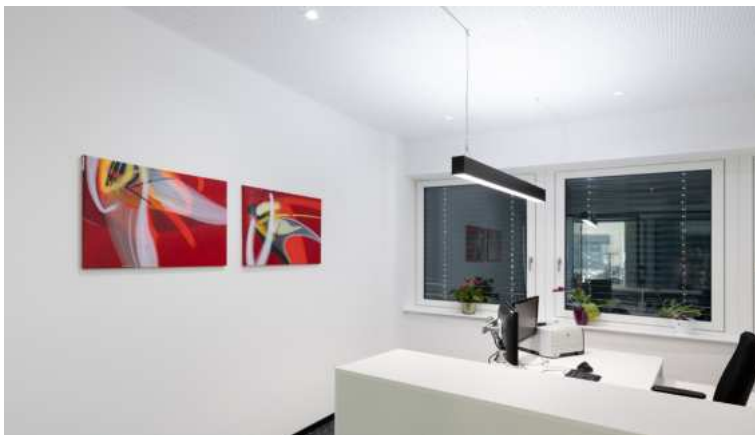
For clients

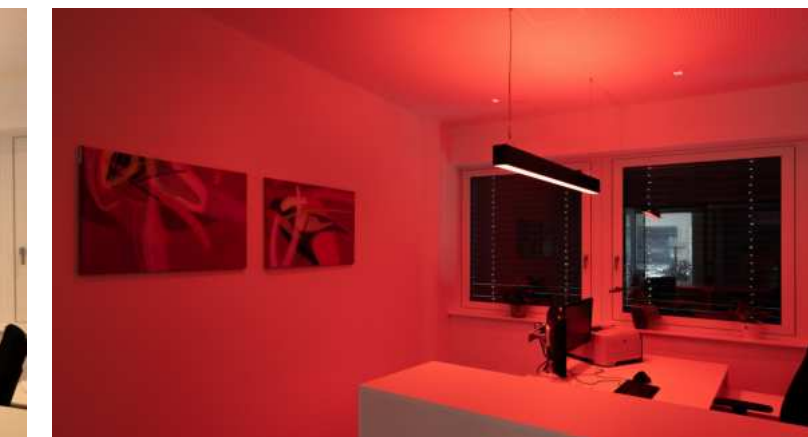
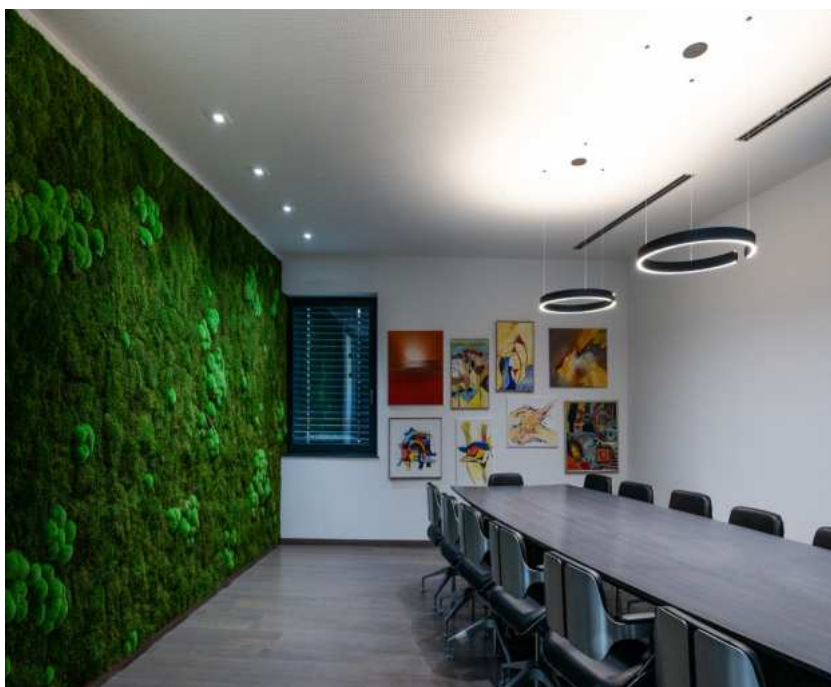
- + Adaptation to specific customer requirements
- + High flexibility
- + Unique and customized lighting solutions



OFFICE & ADMINISTRATION

Office buildings and public institutions







ART & CULTURE

Museums & galleries







EDUCATION

University & school







HEALTH

Medical & care sector

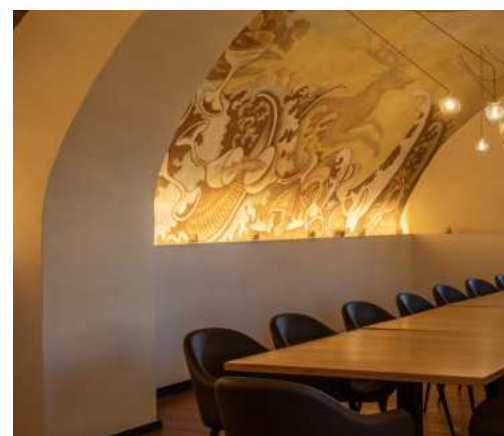
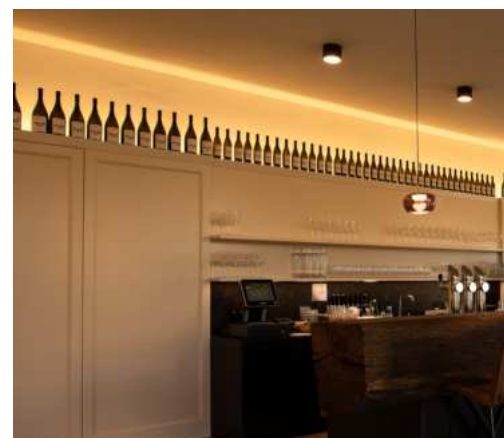


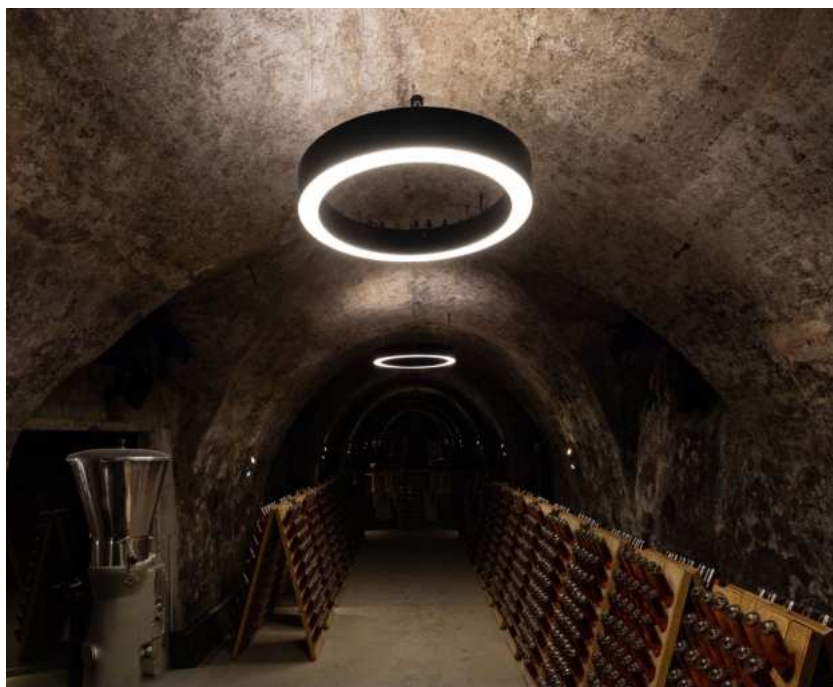




ENJOY & RELAX

Hotels, restaurants, spas & sports facilities







SHOPPING

Presentation & sale of goods

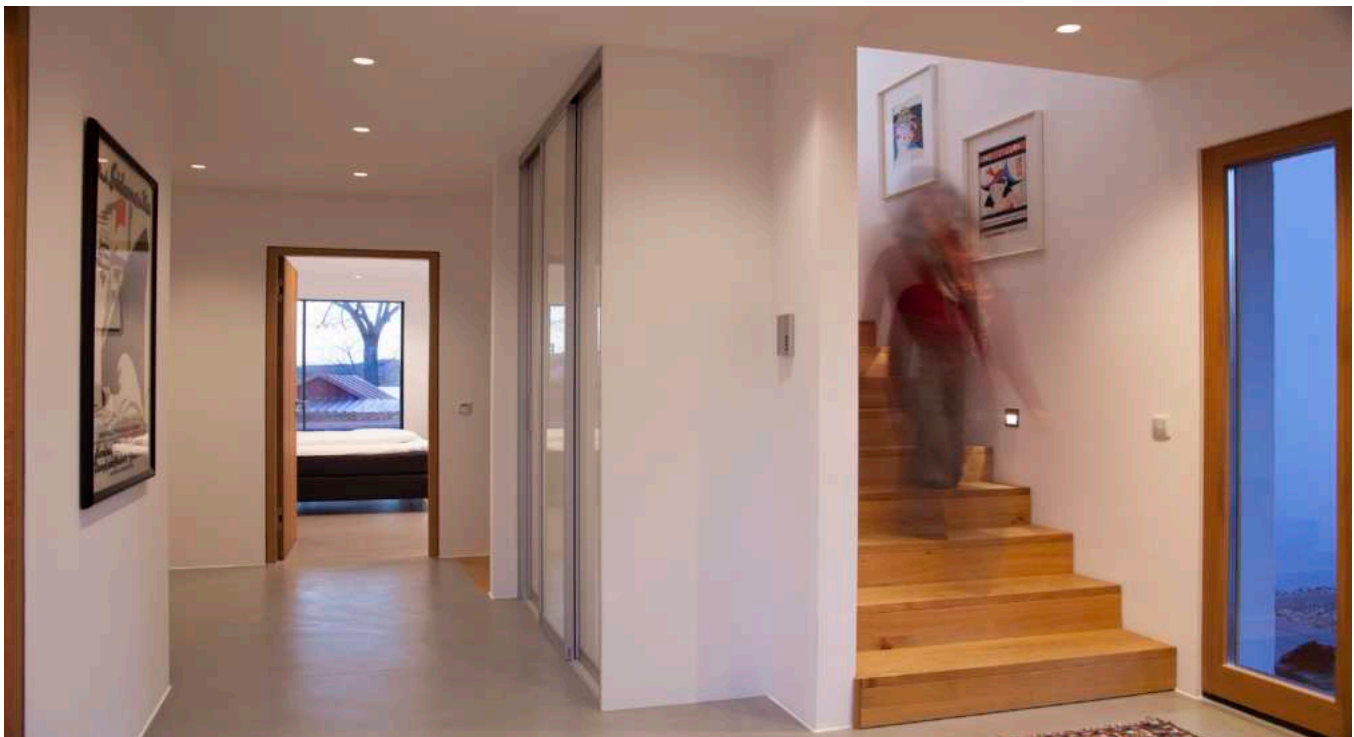


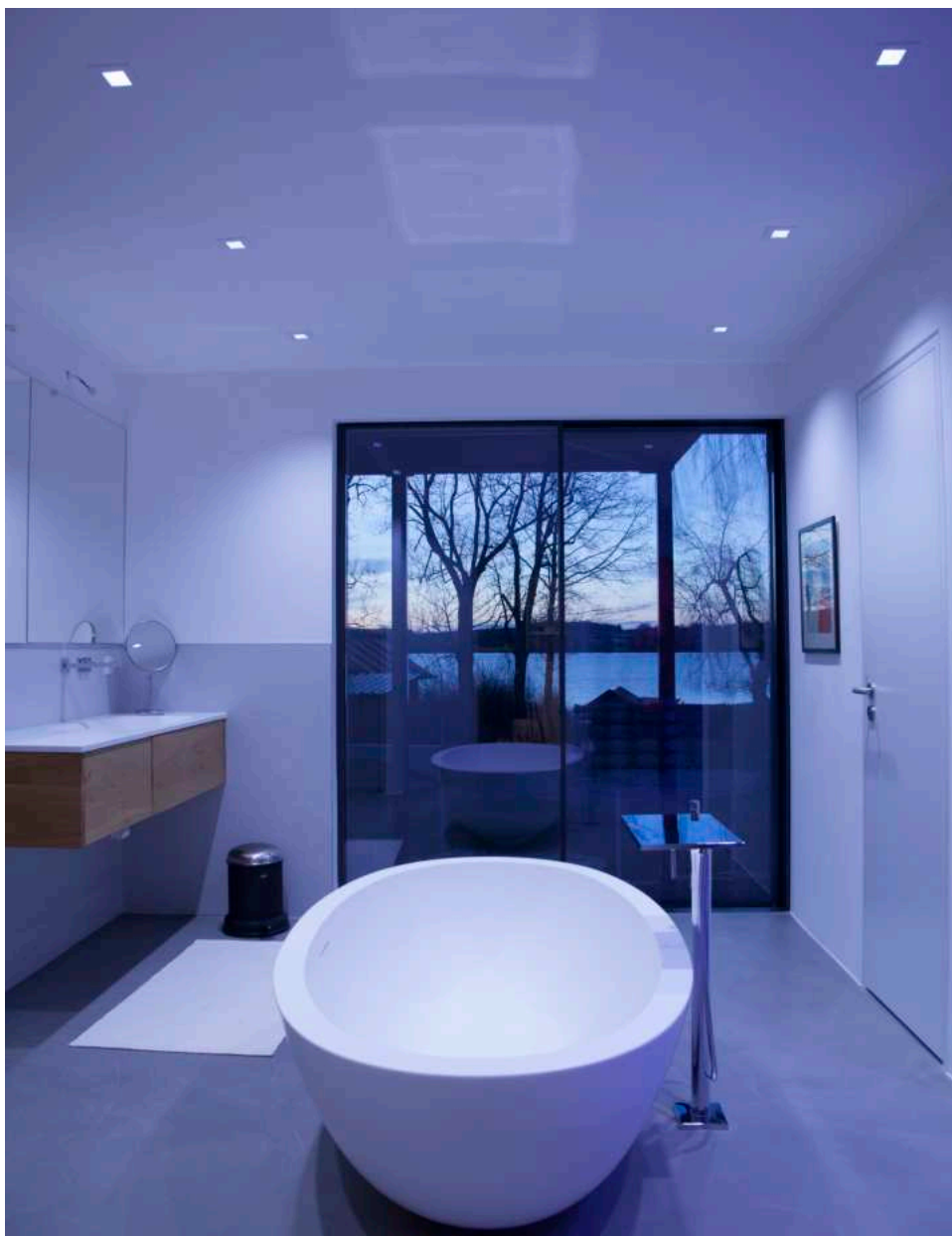
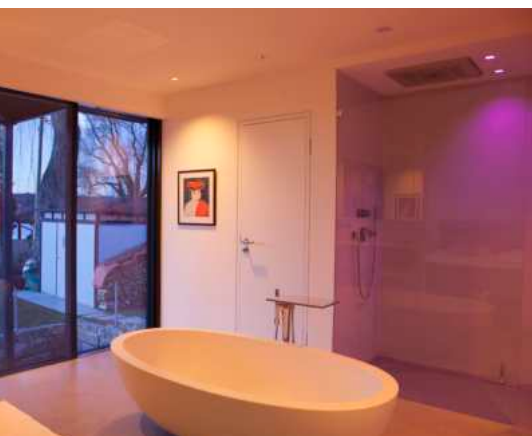




HOMES

Private Homes



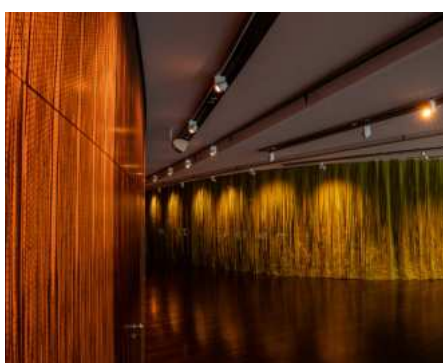
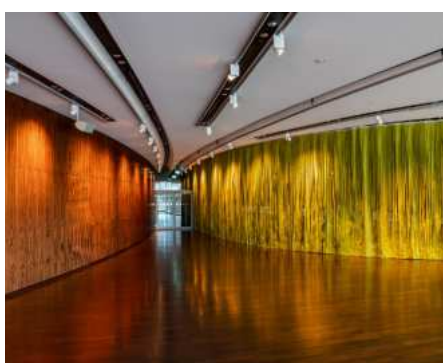
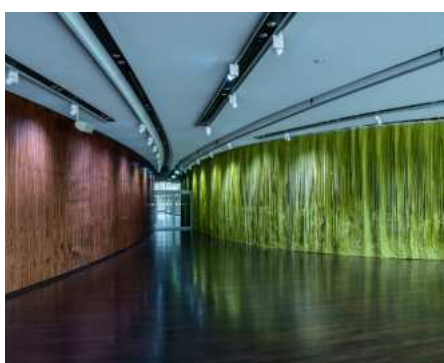




1886
Pioniere
Pioneers
- 1900

SPECIAL LUMINAIRES

Lighting solutions for individual applications



SPECIAL LUMINAIRES

Lighting solutions for individual applications



SKYLINK
Airport Vienna



LERNRAUM DER ZUKUNFT
Munich



EISBÄRHAUS
Kirchheim unter Teck



UNIVERSITY
Heilbronn

SPECIAL LUMINAIRES

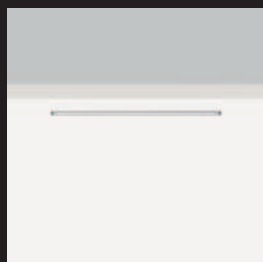
Lighting solutions for individual applications



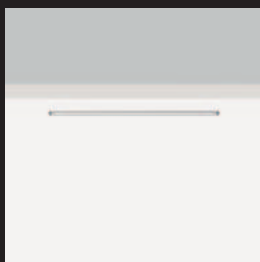


LUMINAIRE PORTFOLIO

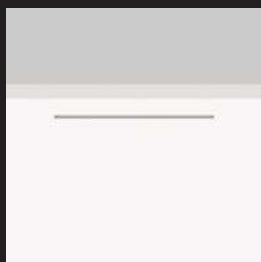
DAYLIGHT-LIKE LUMINAIRES PI-LED



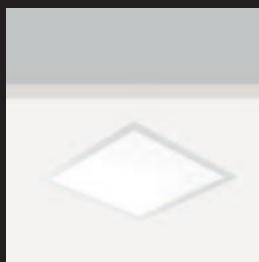
K-HORIZON Seite 42
Recessed luminaire



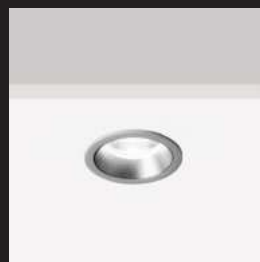
K-HORIZON UGR Seite 44
Recessed luminaire



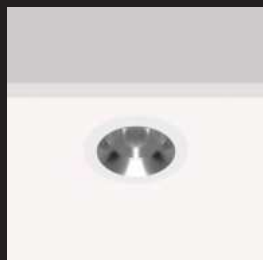
K-HORIZON UGR+GRID Seite 46
Recessed luminaire



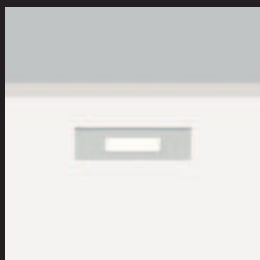
K-AERA FLAT Seite 48
Recessed luminaire



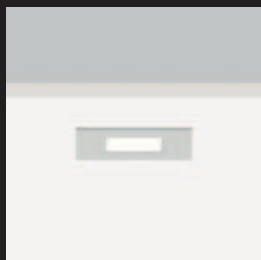
K-MOTUS II Seite 50
Recessed luminaire



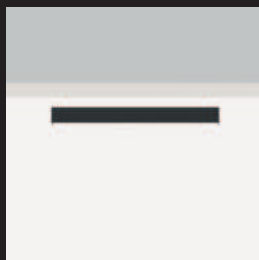
K-VIEW Seite 52
Recessed luminaire



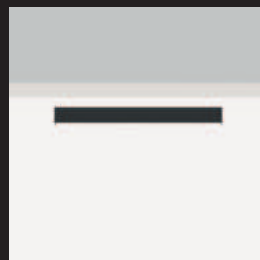
K-SPOT FLAT Seite 54
Recessed luminaire



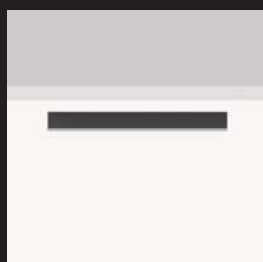
K-SPOT UGR Seite 56
Recessed luminaire



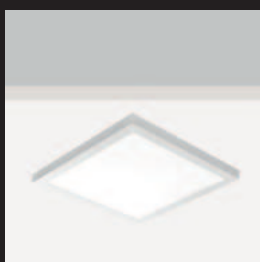
K-HORIZON Seite 58
Recessed luminaire



K-HORIZON UGR Seite 60
Recessed luminaire



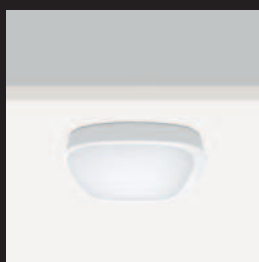
K-HORIZON UGR+GRID Seite 62
Surface-mounted luminaire



K-AERA FLAT Seite 64
Surface-mounted luminaire



K-CIRCUM Seite 66
Surface-mounted luminaire



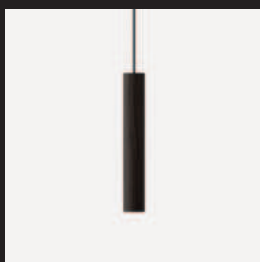
SOVT CAMPUS Seite 68
Surface-mounted luminaire



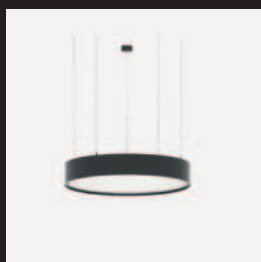
PI-LED LINE Seite 70
Surface-mounted luminaire



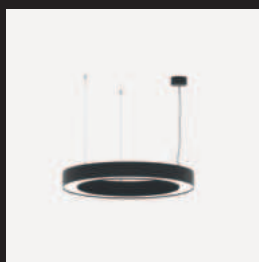
K-HORIZON Seite 72
Pendant luminaire



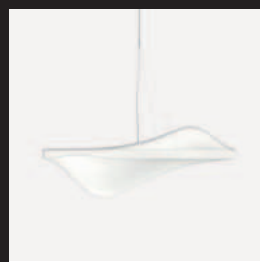
K-MOTUS Seite 74
Pendant luminaire



K-CIRCUM Seite 76
Pendant luminaire



K-RONDO Seite 78
Pendant luminaire



VIBE Seite 80
Pendant luminaire



LUMINAIRE PORTFOLIO

DAYLIGHT-LIKE LUMINAIRES PI-LED



K-HORIZON
Wall luminaire

Seite 82



K-VIRTUS II
Floor luminaire

Seite 84



K-FORUM
Track spotlights

Seite 86



K-FORUM II
Track spotlights

Seite 88



LIGHT MANAGEMENT PI-LED



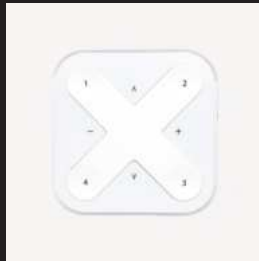
ZigBee
Light management

Seite 90



DALI
Light management

Seite 94



CASAMBI
Light management

Seite 97

KITEO RE-FIT



KITEO RE-FIT
Grid luminaire

Seite 100



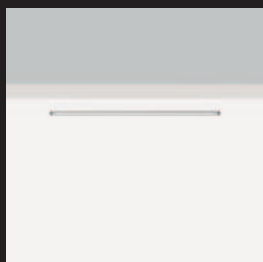
KITEO RE-FIT
Profil luminaire

Seite 104



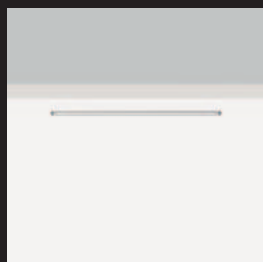
LUMINAIRE PORTFOLIO

FIXED WHITE



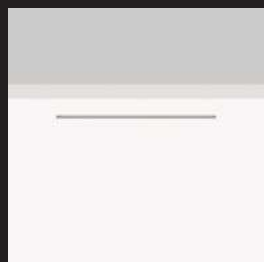
K-HORIZON
Recessed luminaire

Seite 106



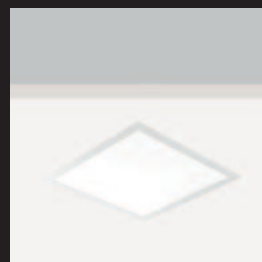
K-HORIZON UGR
Recessed luminaire

Seite 108



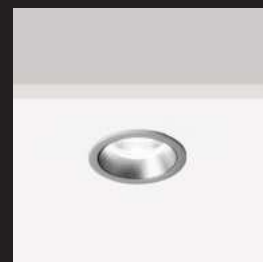
K-HORIZON UGR+GRID
Recessed luminaire

Seite 110



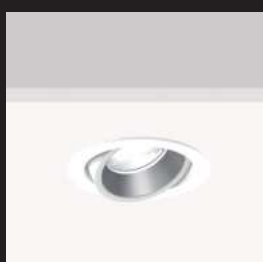
K-AERA FLAT
Recessed luminaire

Seite 112



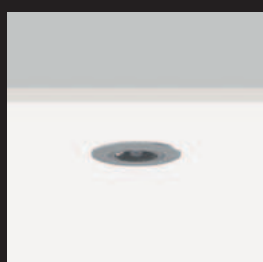
K-MOTUS II
Recessed luminaire

Seite 114



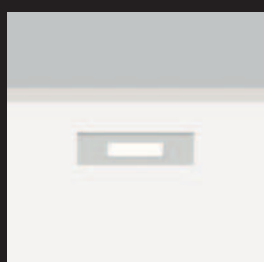
K-STRADA 90
Einbauleuchte

Seite 116



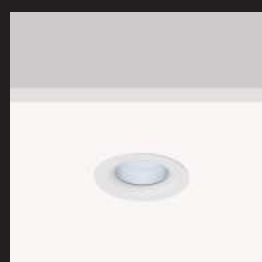
K-SPOT CALIDUS II
Einbauleuchte

Seite 118



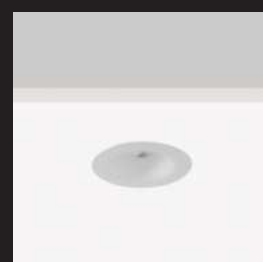
K-FABIUS
Einbauleuchte

Seite 120



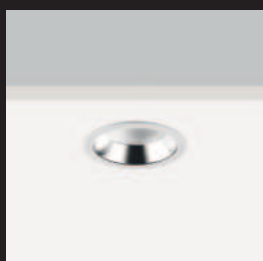
K-LINEA 150
Einbauleuchte

Seite 122



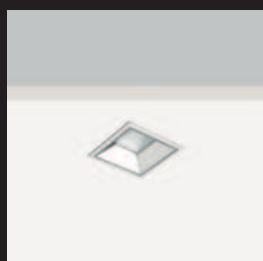
K-LINEA 185
Einbauleuchte

Seite 124



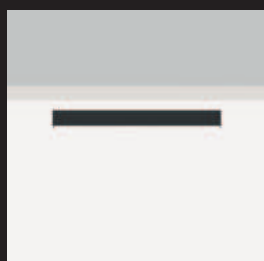
ATRIUM RONQ
Recessed luminaire

Seite 126



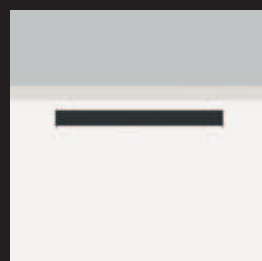
ATRIUM KIUB
Recessed luminaire

Seite 128



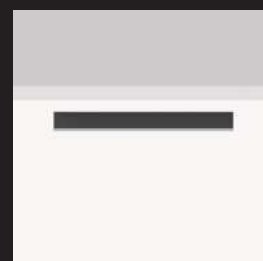
K-HORIZON
Surface-mounted luminaire

Seite 130



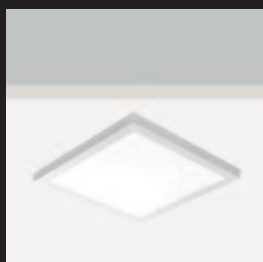
K-HORIZON UGR
Surface-mounted luminaire

Seite 132



K-HORIZON UGR+GRID
Surface-mounted luminaire

Seite 134



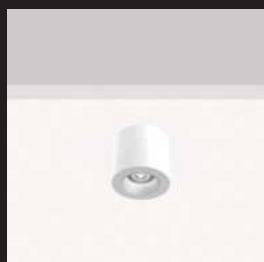
K-AERA FLAT
Surface-mounted luminaire

Seite 136



K-CIRCUM
Surface-mounted luminaire

Seite 138



K-COLUMN 100
Surface-mounted luminaire

Seite 140



K-COLUMN 145
Surface-mounted luminaire

Seite 142



NIKE
Surface-mounted luminaire

Seite 144

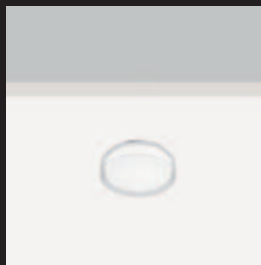


LUMINAIRE PORTFOLIO

FIXED WHITE



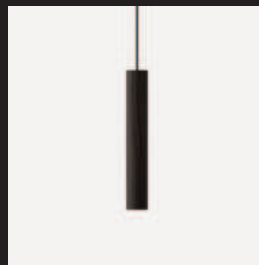
STYLE Seite 146
Surface-mounted luminaire



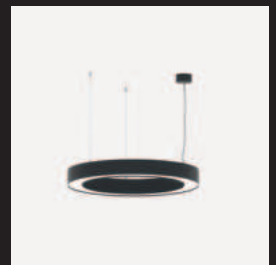
NEXT Seite 148
Surface-mounted luminaire



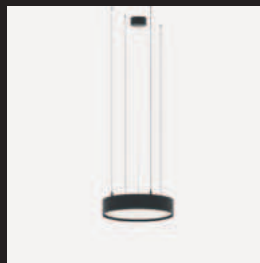
K-HORIZON Seite 150
Pendant luminaire



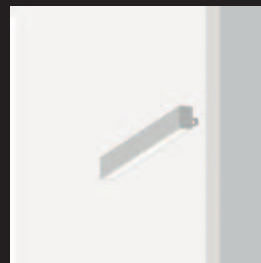
K-POINTER Seite 152
Pendant luminaire



K-RONDO Seite 154
Pendant luminaire



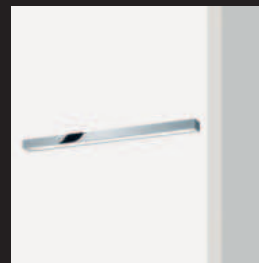
K-CIRCUM Seite 156
Pendant luminaire



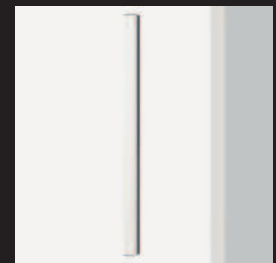
K-HORIZON Seite 158
Wall luminaire



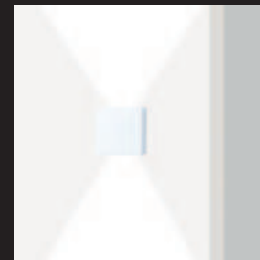
K-MOENIA Seite 160
Wall luminaire



SHADE Seite 162
Wall luminaire



ONE Seite 164
Wall luminaire



FIVE Seite 166
Wall luminaire



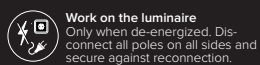
K-FORUM II Seite 168
Track spotlights



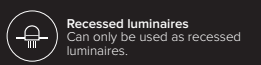
K-CENTURY 75 Seite 170
Track spotlights



TECHNICAL INFORMATION



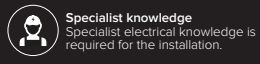
Work on the luminaire
Only when de-energized. Disconnect all poles on all sides and secure against reconnection.



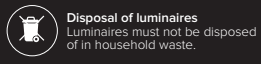
Recessed luminaires
Can only be used as recessed luminaires.



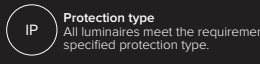
Protection class 1/2/3
All luminaires meet the requirements of the specified protection class.



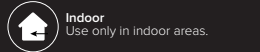
Specialist knowledge
Specialist electrical knowledge is required for the installation.



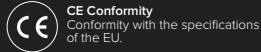
Disposal of luminaires
Luminaires must not be disposed of in household waste.



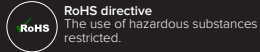
Protection type
All luminaires meet the requirements of the specified protection type.



Indoor
Use only in indoor areas.



CE Conformity
Conformity with the specifications of the EU.



RoHS directive
The use of hazardous substances is restricted.



PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	32 W
	Luminous flux	3.150 lm 3.500 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Recessed

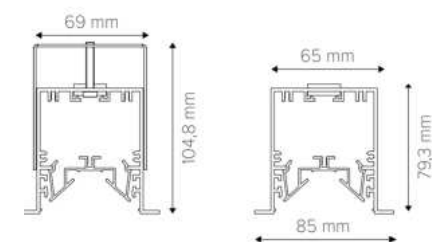
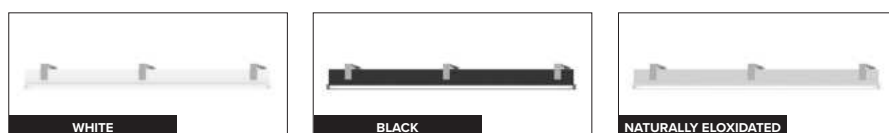
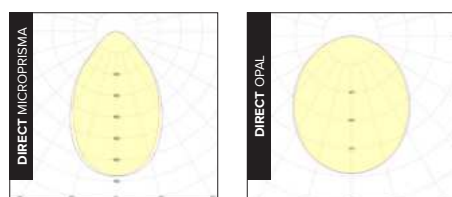


Illustration including mounting bracket.
Ceiling cut-out = luminaire length + 2 mm, width 71 mm, height min. 105 mm



Article number	Luminaire
K-HORIZON-0001	K-Horizon PI-LED 1129mm Recessed / 32W / 3150lm / ZigBee / MP-DI / naturally eloxidated
K-HORIZON-0002	K-Horizon PI-LED 1129mm Recessed / 32W / 3500lm / ZigBee / OP-DI / naturally eloxidated
K-HORIZON-0003	K-Horizon PI-LED 1129mm Recessed / 32W / 3150lm / DALI DT8 / MP-DI / naturally eloxidated
K-HORIZON-0004	K-Horizon PI-LED 1129mm Recessed / 32W / 3500lm / DALI DT8 / OP-DI / naturally eloxidated
K-HORIZON-0005	K-Horizon PI-LED 1129mm Recessed / 32W / 3150lm / ZigBee / MP-DI / black
K-HORIZON-0006	K-Horizon PI-LED 1129mm Recessed / 32W / 3500lm / ZigBee / OP-DI / black
K-HORIZON-0007	K-Horizon PI-LED 1129mm Recessed / 32W / 3150lm / DALI DT8 / MP-DI / black
K-HORIZON-0008	K-Horizon PI-LED 1129mm Recessed / 32W / 3500lm / DALI DT8 / OP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16	C16
Quantity of luminaires	10	17

ZIGBEE **DALI**



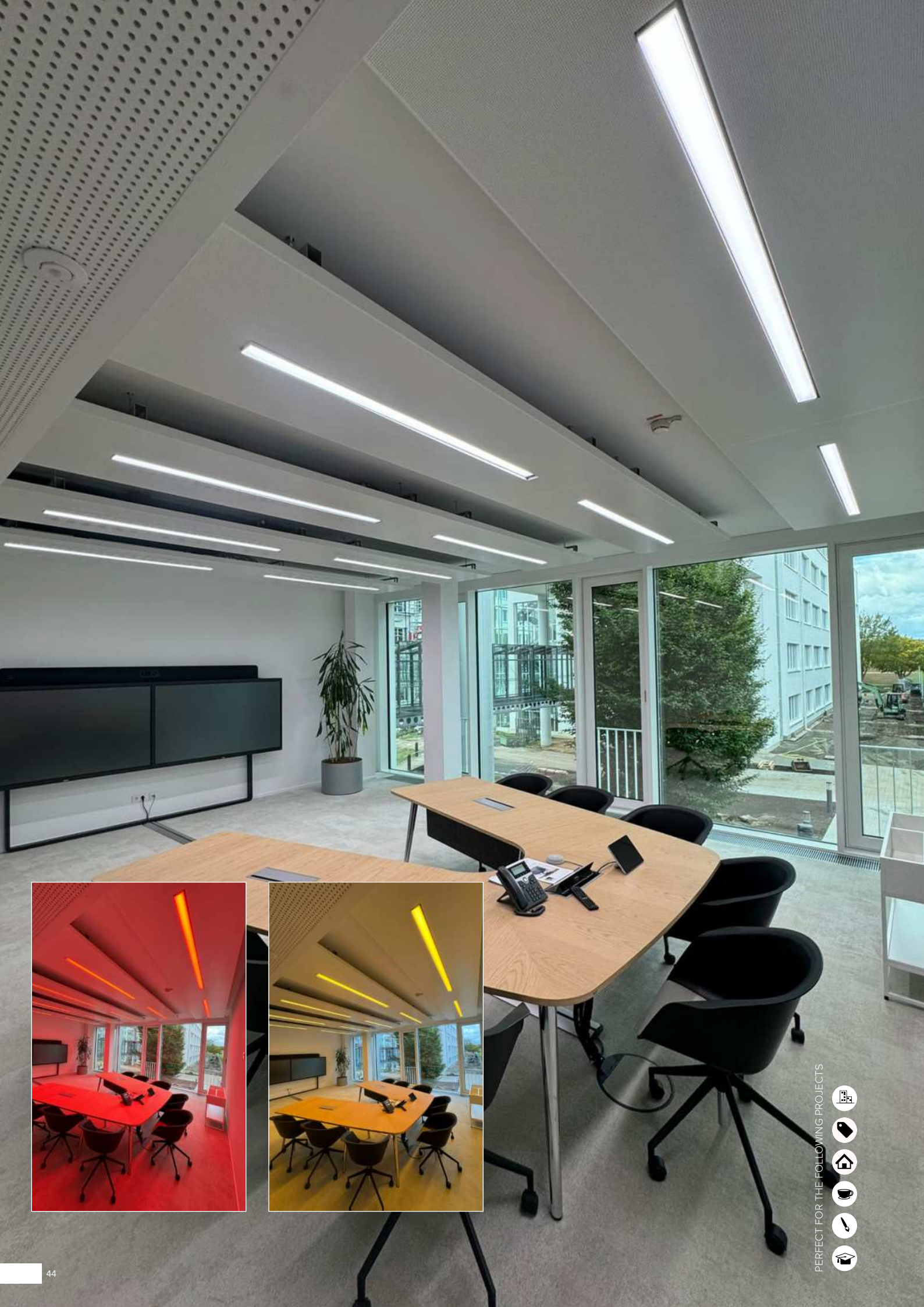
- Luminous corner sections with side length 603 mm available on request.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Casambi control available on request.

ⓘ All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates

CCT [K]	VISUAL		BIOLOGICAL
	Luminous flux [lm]		alpha (smel)
	dir. opal	dir. Prisma	
1.800	1.959	1.756	0,255
2.000	2.208	1.980	0,300
2.500	2.887	2.562	0,404
2.700	3.122	2.800	0,442
3.000	3.500	3.150	0,498
3.500	3.324	2.992	0,584
4.000	3.218	2.896	0,661
4.500	3.151	2.836	0,730
5.000	3.106	2.796	0,792
5.500	3.077	2.769	0,848
6.000	3.056	2.751	0,897
6.500	3.043	2.739	0,942
7.000	3.034	2.731	0,982
8.000	3.023	2.722	1,050
9.000	3.020	2.718	1,105
10.000	3.020	2.718	1,151
12.000	3.023	2.722	1,221
14.000	3.029	2.727	1,273
16.000	2.913	2.636	1,311

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.



PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	20,4 W
	Luminous flux	1.950 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Recessed

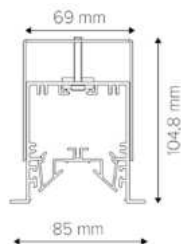
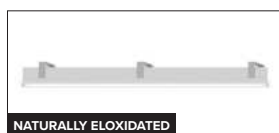
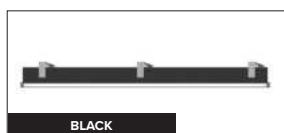
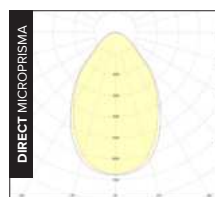


Illustration including mounting bracket.

Ceiling cut-out = luminaire length + 2 mm, width 71 mm, height min. 105 mm



ZIGBEE **DALI**



- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Casambi control available on request.

ⓘ All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates



Article number	Luminaire
K-HORIZON-0001-EB-U	K-Horizon PI-LED UGR 1129mm Recessed / 20,4W / 1950lm / ZigBee / MP-DI / naturally eloxided
K-HORIZON-0002-EB-U	K-Horizon PI-LED UGR 1129mm Recessed / 20,4W / 1950lm / DALI DT8 / MP-DI / naturally eloxided
K-HORIZON-0003-EB-U	K-Horizon PI-LED UGR 1129mm Recessed / 20,4W / 1950lm / ZigBee / MP-DI / black
K-HORIZON-0004-EB-U	K-Horizon PI-LED UGR 1129mm Recessed / 20,4W / 1950lm / DALI DT8 / MP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smel)	
1.800	997	0,247	
2.000	1.126	0,288	
2.500	1.471	0,383	
2.700	1.616	0,419	
3.000	1.843	0,470	
3.500	2.043	0,548	
4.000	1.950	0,618	
4.500	1.926	0,680	
5.000	1.888	0,736	
5.500	1.862	0,786	
6.000	1.842	0,831	
6.500	1.827	0,871	
7.000	1.815	0,906	
8.000	1.798	0,967	
9.000	1.787	1,017	
10.000	1.779	1,059	
12.000	1.769	1,122	
14.000	1.764	1,168	
16.000	1.761	1,202	

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.



PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR+Grid

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	26,5 W
	Luminous flux	2.450 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Recessed

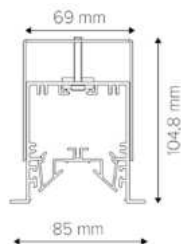
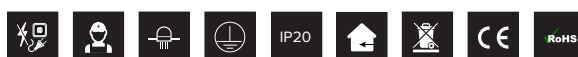
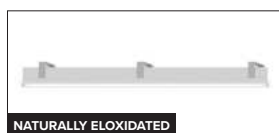
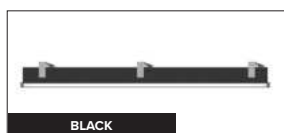
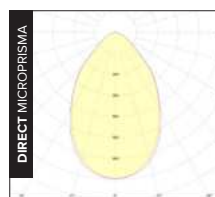


Illustration including mounting bracket.

Ceiling cut-out = luminaire length + 2 mm, width 71 mm, height min. 105 mm



Non-replaceable light source



Article number	Luminaire
K-HORIZON-0001-EB-UR	K-Horizon PI-LED UGR+Grid 1129mm Recessed / 26,5W / 2450lm / ZigBee / MP-DI / naturally eloxided
K-HORIZON-0002-EB-UR	K-Horizon PI-LED UGR+Grid 1129mm Recessed / 26,5W / 2450lm / DALI DT8 / MP-DI / naturally eloxided
K-HORIZON-0003-EB-UR	K-Horizon PI-LED UGR+Grid 1129mm Recessed / 26,5W / 2450lm / ZigBee / MP-DI / black
K-HORIZON-0004-EB-UR	K-Horizon PI-LED UGR+Grid 1129mm Recessed / 26,5W / 2450lm / DALI DT8 / MP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17

ZIGBEE **DALI**



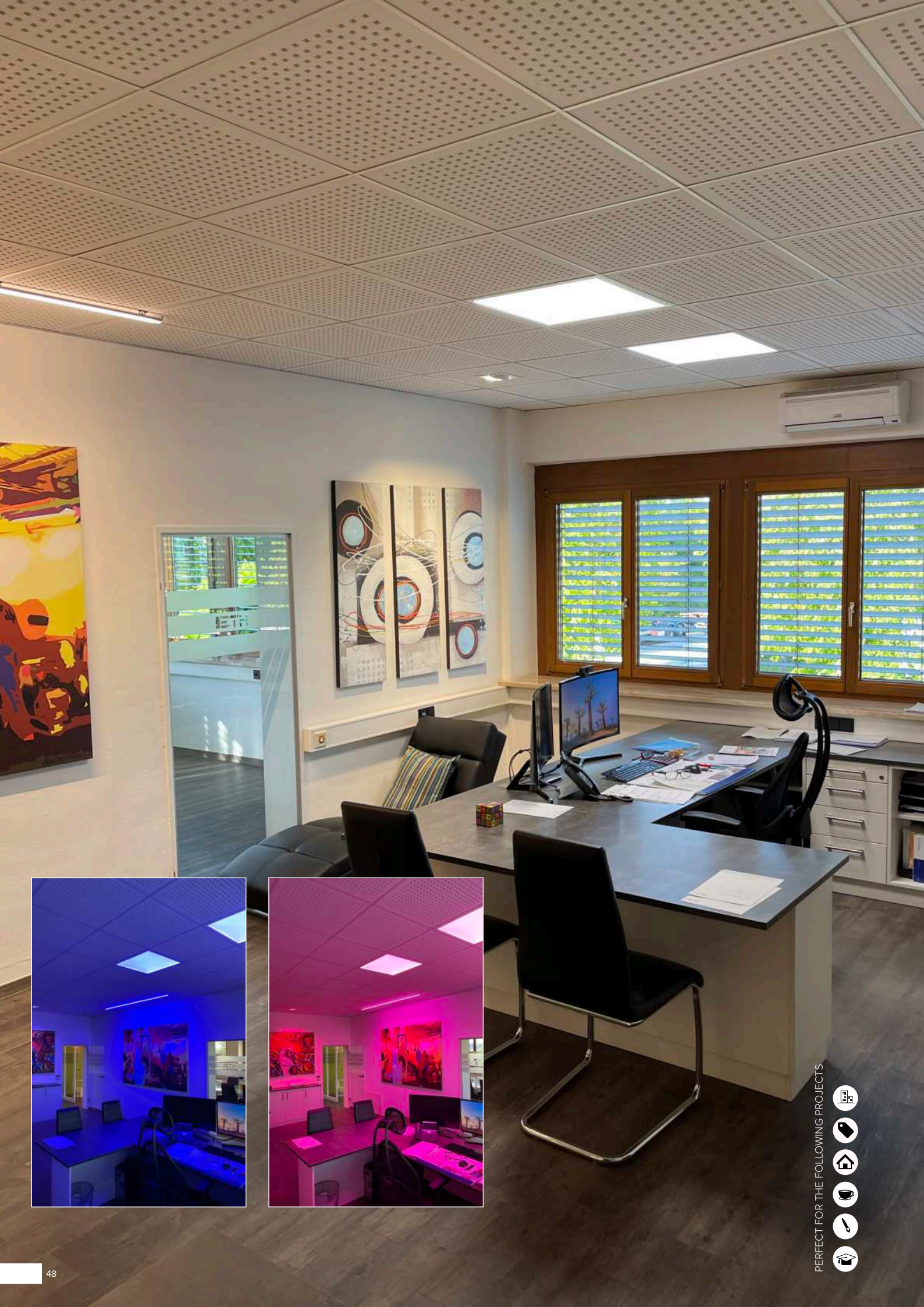
- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Casambi control available on request.

All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates

CCT [K]	VISUAL	BIOLOGICAL
	Luminous flux [lm]	alpha (smel)
1.800	1.252	0,247
2.000	1.415	0,288
2.500	1.849	0,383
2.700	2.030	0,419
3.000	2.316	0,470
3.500	2.566	0,548
4.000	2.450	0,618
4.500	2.420	0,680
5.000	2.372	0,736
5.500	2.340	0,786
6.000	2.315	0,831
6.500	2.296	0,871
7.000	2.281	0,906
8.000	2.259	0,967
9.000	2.245	1,017
10.000	2.235	1,059
12.000	2.223	1,122
14.000	2.216	1,168
16.000	2.212	1,202

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.



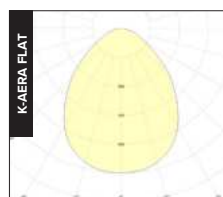
PERFECT FOR THE FOLLOWING PROJECTS



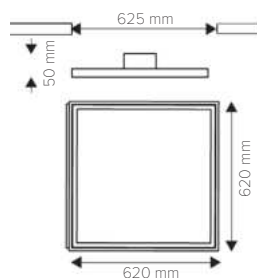
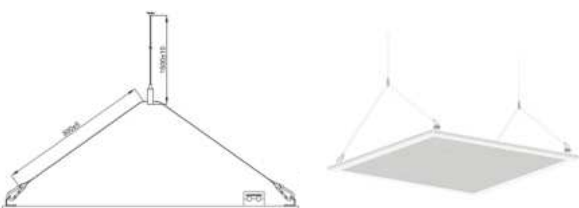
K-AERA FLAT

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	50 W
	Luminous flux	4.100 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	6,7 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Recessed



Wire suspension for pendant version



When using the installation frame, a minimum installation depth of 200 mm is required. Ceiling cut-outs 612 mm or 635 mm.

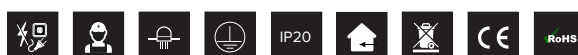
ZIGBEE **DALI**



- Ideal for large-area lighting in interiors.
- Color temperature 1,800 K to 16,000 K with high color stability thanks to microcontroller-controlled LED management.
- Glare-reduced microprismatic optics.
- Optimum conditions for VDU workstations UGR < 19.
- Size according to standard louvre dimensions.
- Casambi control available on request.



White
RAL 9003



Article number	Luminaire	Article number	Equipment
K-AEF-620-NZ-21	K-Aera Flat Recessed / PI-LED / ZigBee / 620mm / white	LTZ-1751-00-03	Built-on frame 620x620x60mm K-Aera Flat
K-AEF-620-DA-21	K-Aera Flat Recessed / PI-LED / DALI DT8 / 620mm / white	LTZ-1751-00-05	Built-in frame 620x620x60mm K-Aera Flat
		LTZ-1751-00-00	Wire suspension K-Aera Flat

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smel)	
1.800	1.835	0,258	
2.000	2.075	0,297	
2.500	2.725	0,386	
2.700	2.995	0,419	
3.000	3.415	0,467	
3.500	4.140	0,540	
4.000	4.100	0,606	
4.500	4.015	0,665	
5.000	3.955	0,718	
5.500	3.910	0,766	
6.000	3.880	0,808	
6.500	3.855	0,846	
7.000	3.840	0,879	
8.000	3.815	0,937	
9.000	3.805	0,985	
10.000	3.795	1,024	
12.000	3.785	1,083	
14.000	3.785	1,127	
16.000	3.785	1,160	

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.

ⓘ All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16
Quantity of luminaires	21	26



PERFECT FOR THE FOLLOWING PROJECTS



K-MOTUS II

PI-LED

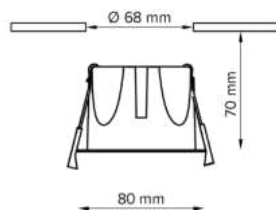
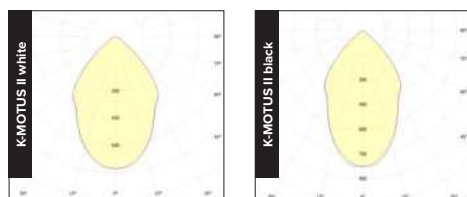
TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	12 W
	Luminous flux	700 lm – 820 lm
	Light color temperature	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection class	IP 20 IP 44
	Dimming range	1% – 100 %
	Lifetime	L80/B10 50.000h
	Certifications	CE RoHS Conformity
	Weight	0,4 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	II
	Mounting	Recessed



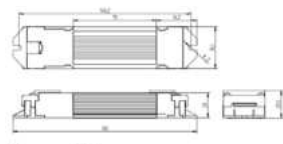
ZIGBEE **DALI**



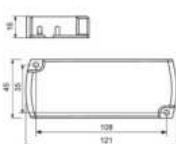
- The luminaire housing is available in white or black.
- The decorative ring is available in white, silver, black or gold.
- Compact design with low installation depth.
- Soft light mixture and uniform light distribution.
- Beam angle 60°
- Ceiling cut-out: 68 mm
- Casambi control available on request.



Dimensions PI-LED LMU



Dimensions Converter



System overview



White
RAL 9016

Black
RAL 9005



Article number	Luminaire	Article number	Luminaire
K-MOII-R-NZ-WHWH-01	K-Motus-II / 12W / 820lm / PI-LED / ZigBee / white/white	K-MOII-R-NZ-BLWH-01	K-Motus-II / 12W / 820lm / PI-LED / ZigBee / black/white
K-MOII-R-NZ-WHSI-01	K-Motus-II / 12W / 750lm / PI-LED / ZigBee / white/silver	K-MOII-R-NZ-BLSI-01	K-Motus-II / 12W / 750lm / PI-LED / ZigBee / black/silver
K-MOII-R-NZ-WHBL-01	K-Motus-II / 12W / 700lm / PI-LED / ZigBee / white/black	K-MOII-R-NZ-BLBL-01	K-Motus-II / 12W / 700lm / PI-LED / ZigBee / black/black
K-MOII-R-NZ-WHGO-01	K-Motus-II / 12W / 780lm / PI-LED / ZigBee / white/gold	K-MOII-R-NZ-BLGO-01	K-Motus-II / 12W / 780lm / PI-LED / ZigBee / black/gold
K-MOII-R-DA-WHWH-01	K-Motus-II / 12W / 820lm / PI-LED / DALI DT8 / white/white	K-MOII-R-DA-BLWH-01	K-Motus-II / 12W / 820lm / PI-LED / DALI DT8 / black/white
K-MOII-R-DA-WHSI-01	K-Motus-II / 12W / 750lm / PI-LED / DALI DT8 / white/silver	K-MOII-R-DA-BLSI-01	K-Motus-II / 12W / 750lm / PI-LED / DALI DT8 / black/silver
K-MOII-R-DA-WHBL-01	K-Motus-II / 12W / 700lm / PI-LED / DALI DT8 / white/black	K-MOII-R-DA-BLBL-01	K-Motus-II / 12W / 700lm / PI-LED / DALI DT8 / black/black
K-MOII-R-DA-WHGO-01	K-Motus-II / 12W / 780lm / PI-LED / DALI DT8 / white/gold	K-MOII-R-DA-BLGO-01	K-Motus-II / 12W / 780lm / PI-LED / DALI DT8 / black/gold

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B10	B13	B16	C10	C13	C16
Quantity of luminaires	36	45	56	58	70	75

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smel)	
1.800	462	0,238	
2.000	526	0,277	
2.500	701	0,367	
2.700	780	0,401	
3.000	897	0,449	
3.500	850	0,522	
4.000	820	0,588	
4.500	806	0,646	
5.000	790	0,698	
5.500	789	0,745	
6.000	764	0,787	
6.500	757	0,824	
7.000	747	0,857	
8.000	775	0,914	
9.000	774	0,961	
10.000	774	0,999	
12.000	777	1,058	
14.000	778	1,101	
16.000	770	1,133	

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.

PROJEKTE



Mercedes-Benz Museum, Stuttgart
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Mercedes-Benz Museum, Stuttgart



Lernraum der Zukunft
München



AINING | COOP | DRÄGER AUSTRIA GMBH | ENI
MZ CENTRO WIENER NEUSTADT | GREENALITY | KH LUZERN
TEL WEN | HOTEL ASGAR | HUTBOOM | KH LUZERN
IS HETZING | KRANKENHAUS OBERSUDENDORF
LUSKUSKE EIGENTUM | LEDO HOUSE BUILDING |
DORFER | NEUHER | NIEDERHUBER & PARTNER
PUM | PANDUR | PANNKOWA TOWER | PFLUEGHEIM
ALUM WIEN | REHABILITATIONSZENTRUM WEISSER
WIEN | SPAR | ST. MARTINS THERME | STEINWENDER
SCHIEFER | WEINGUT SCHLOSS GAMLITZ | WEISSER

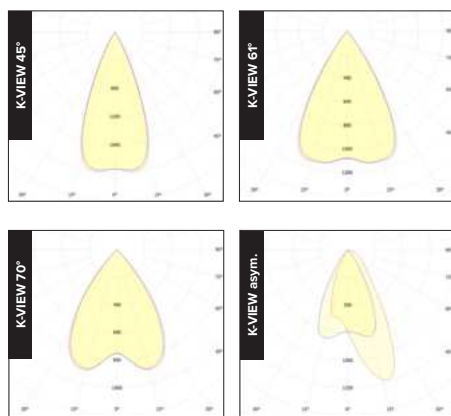
KÄAMOS AURINKO
 Jäsen vuorok 2019 winner
 Best Light Art Scheme - Low Budget, Kaamos Aurinko, Sweden
 Sponsors: Jemima Mayrland, Katharine Wyle, Frank Dorman
 Small Labour Unit Support
 CONTACT SUPPLIER LIMITED



K-VIEW

PI-LED

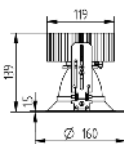
TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	31 W – 44 W
	Luminous flux	45° = 2.290 lm 61° = 2.590 lm 70° = 2.650 lm asym. = 1.760 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L70/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	0,96 kg – 1,2 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	II
	Mounting	Recessed



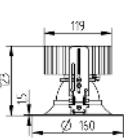
Dimensions 45°



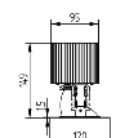
Dimensions 61°



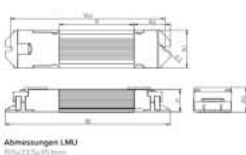
Dimensions 70°



Dimensions asym.



Dimensions PI-LED LMU



System overview



Ceiling cut-out 45° | 61° | 70°



D 145 mm

Ceiling cut-out asym.



D 108 mm

ZIGBEE **DALI**

PI²-LED

E

- Round downlight for automatic daylight progression.
- High color location stability thanks to micro-controller-controlled LED management.
- Soft light mixing and uniform light distribution.
- Available with different beam angles.
- 45° with UGR 9 and 61° with UGR < 17.
- Casambi control available on request.



White
RAL 9016



Black
RAL 9005



Article number	Luminaire 45°
K-VIEW-1311-V01	K-VIEW Recessed PI-LED / 44W / 2290lm / 45° / ZigBee 3.0 / white
K-VIEW-1312-V01	K-VIEW Recessed PI-LED / 44W / 2290lm / 45° / ZigBee 3.0 / black
K-VIEW-1321-V01	K-VIEW Recessed PI-LED / 44W / 2290lm / 45° / DALI DT8 / white
K-VIEW-1322-V01	K-VIEW Recessed PI-LED / 44W / 2290lm / 45° / DALI DT8 / black

Article number	Luminaire 61°
K-VIEW-1411-V01	K-VIEW Recessed PI-LED / 44W / 2590lm / 61° / ZigBee 3.0 / white
K-VIEW-1412-V01	K-VIEW Recessed PI-LED / 44W / 2590lm / 61° / ZigBee 3.0 / black
K-VIEW-1421-V01	K-VIEW Recessed PI-LED / 44W / 2590lm / 61° / DALI DT8 / white
K-VIEW-1422-V01	K-VIEW Recessed PI-LED / 44W / 2590lm / 61° / DALI DT8 / black

Article number	Luminaire 70°
K-VIEW-1511-V01	K-VIEW Recessed PI-LED / 44W / 2650lm / 70° / ZigBee 3.0 / white
K-VIEW-1512-V01	K-VIEW Recessed PI-LED / 44W / 2650lm / 70° / ZigBee 3.0 / black
K-VIEW-1521-V01	K-VIEW Recessed PI-LED / 44W / 2650lm / 70° / DALI DT8 / white
K-VIEW-1522-V01	K-VIEW Recessed PI-LED / 44W / 2650lm / 70° / DALI DT8 / black

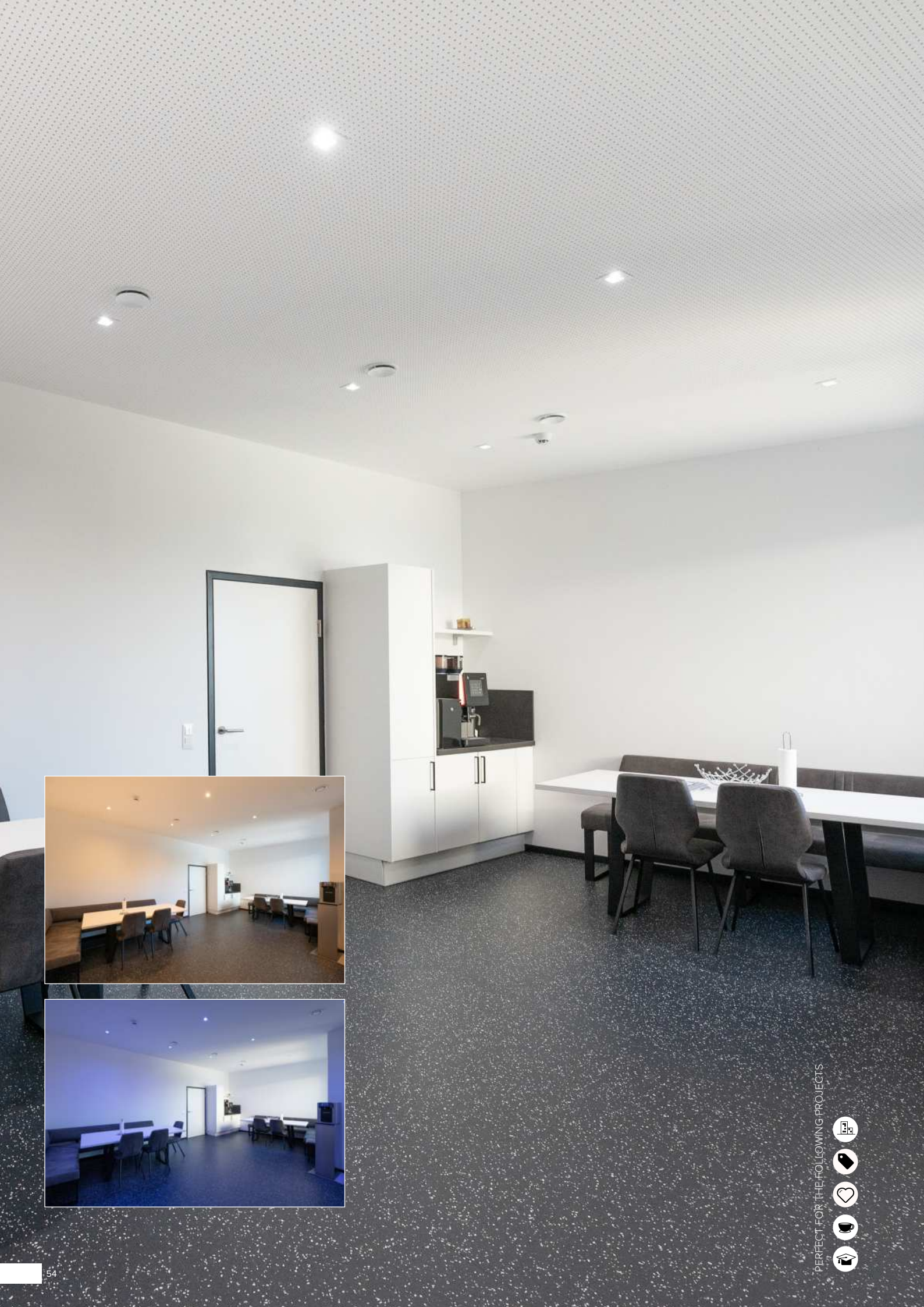
Article number	Luminaire asym.
K-VIEW-2611-V01	K-VIEW Recessed PI-LED / 31W / 1760lm / asym. / ZigBee 3.0 / white
K-VIEW-2612-V01	K-VIEW Recessed PI-LED / 31W / 1760lm / asym. / ZigBee 3.0 / black
K-VIEW-2621-V01	K-VIEW Recessed PI-LED / 31W / 1760lm / asym. / DALI DT8 / white
K-VIEW-2622-V01	K-VIEW Recessed PI-LED / 31W / 1760lm / asym. / DALI DT8 / black

CCT [K]	VISUAL				BIOLOGICAL	
	Luminous flux [lm]				alpha (smel)	
	45°	61°	70°	asym.		
1.800	1.537	1.732	1.693	1.259	0,234	
2.000	1.751	1.973	1.929	1.431	0,273	
2.500	2.339	2.637	2.577	1.776	0,363	
2.700	2.597	2.910	2.844	1.825	0,395	
3.000	2.557	2.925	2.859	1.885	0,442	
3.500	2.419	2.744	2.681	1.832	0,512	
4.000	2.290	2.650	2.590	1.760	0,575	
4.500	2.215	2.510	2.454	1.743	0,631	
5.000	2.223	2.532	2.475	1.706	0,681	
5.500	2.238	2.546	2.489	1.671	0,725	
6.000	2.118	2.405	2.350	1.673	0,764	
6.500	2.101	2.393	2.338	1.677	0,800	
7.000	2.093	2.385	2.331	1.672	0,831	
8.000	2.089	2.385	2.331	1.673	0,885	
9.000	2.172	2.478	2.422	1.670	0,928	
10.000	2.173	2.480	2.424	1.661	0,965	
12.000	2.171	2.480	2.423	1.688	1,020	
14.000	2.169	2.481	2.425	1.593	1,060	
16.000	2.171	2.465	2.415	1.524	1,090	

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16
Quantity of luminaires	21	26



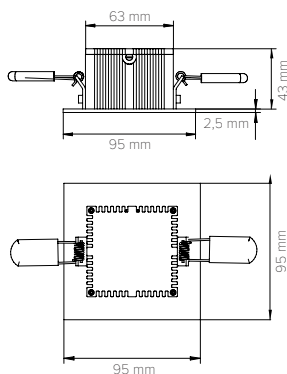
PERFECT FOR THE FOLLOWING PROJECTS



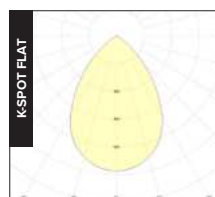
K-SPOT FLAT

PI-LED

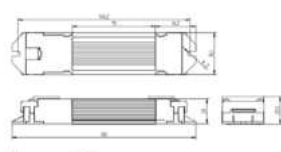
TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	14 W
	Luminous flux	920 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 30 IP 54
	Dimming range	1% – 100 %
	Lifetime	L80/B10 50.000h Konverter 30.000h
	Certification	CE RoHS Conformity
	Weight	0,4 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	II
	Mounting	Recessed



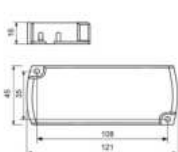
Ceiling cut-out 90 mm
(PI-LED LMU and ECG are located outside the luminaire)
Space requirement at least 245 mm x 245 mm



Dimensions PI-LED LMU



Dimensions Converter



System overview



Article number	Luminaire
K-DL-FLAT531.3	K-Spot Flat Recessed / PI-LED / ZigBee 3.0 / white
K-DL-FLAT534.3	K-Spot Flat Recessed / PI-LED / ZigBee 3.0 / Alu brushed
K-DL-FLAT533.3	K-Spot Flat Recessed / PI-LED / ZigBee 3.0 / black
K-DL-FLAT831.3	K-Spot Flat Recessed / PI-LED / DALI DT8 / white
K-DL-FLAT834.3	K-Spot Flat Recessed / PI-LED / DALI DT8 / Alu brushed
K-DL-FLAT833.3	K-Spot Flat Recessed / PI-LED / DALI DT8 / black

① All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C13	C16	B13	B16
Quantity of luminaires	70	95	45	56

ZIGBEE **DALI**

PI²-LED

F

- Compact and timeless design in a new, flat version with small size and installation depth (minimum installation depth 48 mm).
- Color temperature 1,800 K to 16,000 K with high color location stability thanks to micro-controller-controlled LED management (with temperature compensation and factory calibration).
- High optical efficiency thanks to integrated high-gloss reflectors.
- Operating temperature monitoring with automatic dimming protection function.
- Tool-free installation via 2 fixing springs for 1 mm - 15 mm ceiling thickness.
- Casambi control unit available on request.
- Recommended recessed concrete housing: KAISER HaloX® 1282-71.

CCT [K]	VISUAL	BIOLOGICAL
	Luminous flux [lm]	alpha [smel]
1.800	585	0,228
2.000	690	0,253
2.500	972	0,326
2.700	957	0,358
3.000	920	0,406
3.500	894	0,481
4.000	868	0,550
4.500	857	0,612
5.000	842	0,668
5.500	842	0,718
6.000	842	0,763
6.500	831	0,803
7.000	831	0,838
8.000	831	0,899
9.000	805	0,947
10.000	753	1,000
12.000	690	1,111
14.000	638	1,220
16.000	612	1,323

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.



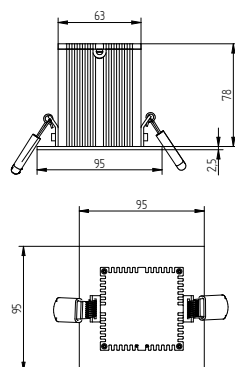
PERFECT FOR THE FOLLOWING PROJECTS



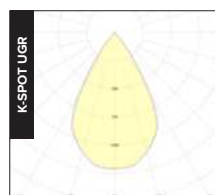
K-SPOT UGR

PI-LED

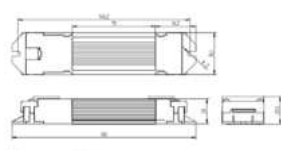
TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	12,5 W
	Luminous flux	880 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 30 IP 54
	Dimming range	1% – 100 %
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	0,58 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	II
	Mounting	Recessed



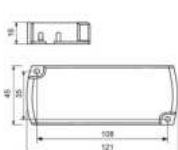
Ceiling cut-out round 90 mm, square 87 mm.
Space requirement installation depth min. 98 mm.
(PI-LED LMU and ECG are located outside the luminaire.)
Space requirement min. 350 mm x 350 mm.



Dimensions PI-LED LMU



Dimensions Converter



System overview



Article number	Luminaire	Article number	Equipment
K-DL12-U-S531-2.3	K-Spot 12 Recessed LMU 2.0 / PI-LED / ZigBee 3.0 / Spot / white	K-Z1000270-1.0	IP54-Protection cover K-SPOT FLAT / white
K-DL12-U-S533-2.3	K-Spot 12 Recessed LMU 2.0 / PI-LED / ZigBee 3.0 / Spot / black	K-Z1000271-1.0	IP54-Protection cover K-SPOT FLAT / Alu brushed
K-DL12-U-S534-2.3	K-Spot 12 Recessed LMU 2.0 / PI-LED / ZigBee 3.0 / Spot / Alu brushed	K-Z1000272-1.0	IP54-Protection cover K-SPOT FLAT / black
K-DL12-U-S831-2.3	K-Spot 12 Recessed LMU 2.0 / PI-LED / DALI DT8 / Spot / white		
K-DL12-U-S531-2.3	K-Spot 12 Recessed LMU 2.0 / PI-LED / DALI DT8 / Spot / black		
K-DL12-U-S531-2.3	K-Spot 12 Recessed LMU 2.0 / PI-LED / DALI DT8 / Spot / Alu brushed		

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C13	C16	B13	B16
Quantity of luminaires	70	95	45	56

ZIGBEE **DALI**



- Color temperature 1,800 K to 16,000 K with high color location stability thanks to microcontrol-ler-controlled LED management.
- High optical efficiency thanks to integrated high-gloss reflectors.
- Operating temperature monitoring with automatic dimming protection function.
- Tool-free installation via 2 fixing springs for 1 mm - 15 mm ceiling thickness.
- Minimum installation depth 80 mm.
- Casambi control available on request.

① All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates



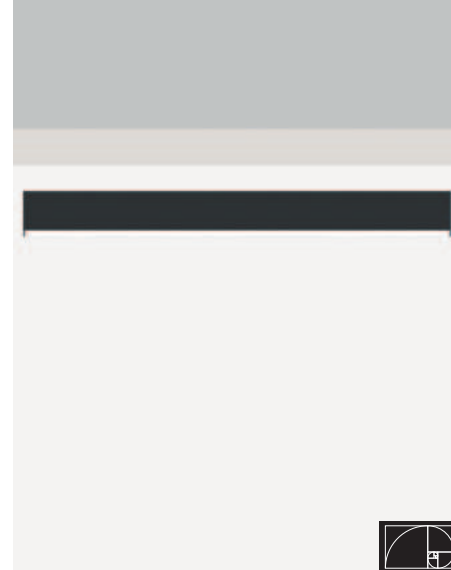
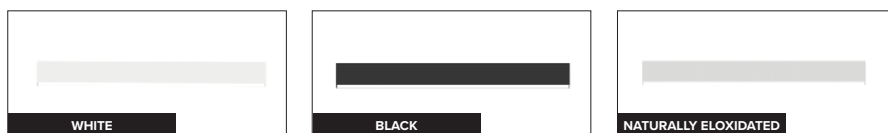
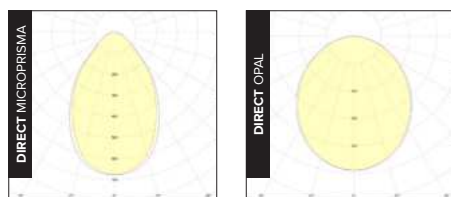
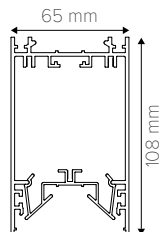
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	41 W
	Luminous flux	4.010 lm 4.480 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Surface



ZIGBEE **DALI**



- Luminous corner sections with side length 603 mm available on request.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Casambi control available on request.

ⓘ All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates



Article number	Luminaire
K-HORIZON-0009	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4010lm / ZigBee / MP-DI / naturally eloxided
K-HORIZON-0010	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4480lm / ZigBee / OP-DI / naturally eloxided
K-HORIZON-0011	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4010lm / DALI DT8 / MP-DI / naturally eloxided
K-HORIZON-0012	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4480lm / DALI DT8 / OP-DI / naturally eloxided
K-HORIZON-0013	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4010lm / ZigBee / MP-DI / black
K-HORIZON-0014	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4480lm / ZigBee / OP-DI / black
K-HORIZON-0015	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4010lm / DALI DT8 / MP-DI / black
K-HORIZON-0016	K-Horizon PI-LED 1133mm Surface-mounted / 41W / 4480lm / DALI DT8 / OP-DI / black

CCT [K]	VISUAL		BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]		alpha (smel)	
	dir. opal	dir. Prisma		
1.800	3.169	2.329	0,244	
2.000	3.574	2.627	0,285	
2.500	4.503	3.406	0,381	
2.700	4.488	3.725	0,417	
3.000	4.485	4.010	0,468	
3.500	4.487	4.010	0,545	
4.000	4.480	4.010	0,616	
4.500	4.488	4.010	0,678	
5.000	4.482	4.010	0,734	
5.500	4.480	4.010	0,784	
6.000	4.476	4.010	0,828	
6.500	4.475	4.010	0,869	
7.000	4.473	4.010	0,904	
8.000	4.470	4.010	0,965	
9.000	4.465	4.010	1,015	
10.000	4.464	4.010	1,065	
12.000	4.458	4.010	1,119	
14.000	4.453	4.009	1,165	
16.000	4.455	3.957	1,200	

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.



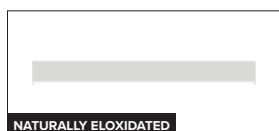
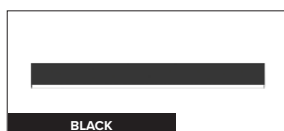
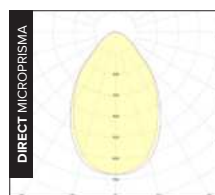
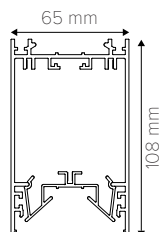
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR

PI-LED

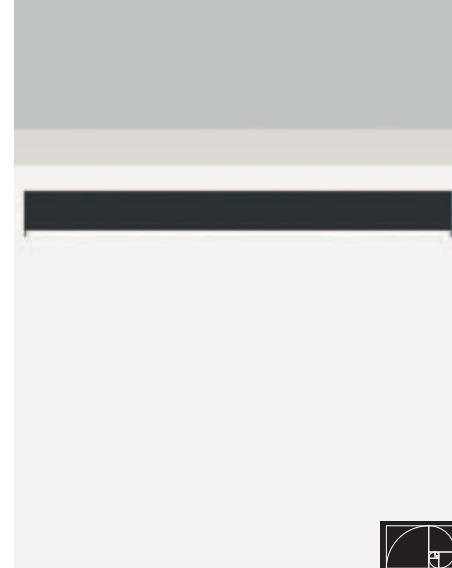
TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	20,4 W
	Luminous flux	1.950 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Surface-mounted



Article number	Luminaire
K-HORIZON-0001-A-U	K-Horizon PI-LED UGR 1133mm Surface-mounted / 20,4W / 1950lm / ZigBee / MP-DI / naturally eloxided
K-HORIZON-0002-A-U	K-Horizon PI-LED UGR 1133mm Surface-mounted / 20,4W / 1950lm / DALI DT8 / MP-DI / naturally eloxided
K-HORIZON-0003-A-U	K-Horizon PI-LED UGR 1133mm Surface-mounted / 20,4W / 1950lm / ZigBee / MP-DI / black
K-HORIZON-0004-A-U	K-Horizon PI-LED UGR 1133mm Surface-mounted / 20,4W / 1950lm / DALI DT8 / MP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



ZIGBEE **DALI**



- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Casambi control available on request.

All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smei)	
1.800	997	0,247	
2.000	1.126	0,288	
2.500	1.471	0,383	
2.700	1.616	0,419	
3.000	1.843	0,470	
3.500	2.043	0,548	
4.000	1.950	0,618	
4.500	1.926	0,680	
5.000	1.888	0,736	
5.500	1.862	0,786	
6.000	1.842	0,831	
6.500	1.827	0,871	
7.000	1.815	0,906	
8.000	1.798	0,967	
9.000	1.787	1,017	
10.000	1.779	1,059	
12.000	1.769	1,122	
14.000	1.764	1,168	
16.000	1.761	1,202	

The alpha(smei) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smei) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.



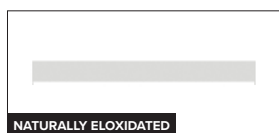
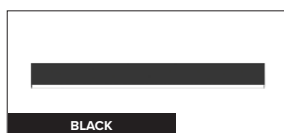
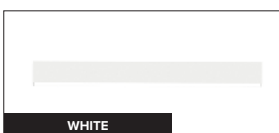
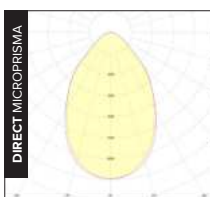
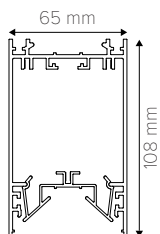
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR+Grid

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	26,5 W
	Luminous flux	2.450 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Surface



ZIGBEE **DALI**



- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Casambi control available on request.

All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates



Article number	Luminaire
K-HORIZON-0001-A-UR	K-Horizon PI-LED UGR+Grid 1133mm Surface-mounted / 26,5W / 2450lm / ZigBee / MP-DI / natur. elox.
K-HORIZON-0002-A-UR	K-Horizon PI-LED UGR+Grid 1133mm Surface-mounted / 26,5W / 2450lm / DALI DT8 / MP-DI / natur. elox.
K-HORIZON-0003-A-UR	K-Horizon PI-LED UGR+Grid 1133mm Surface-mounted / 26,5W / 2450lm / ZigBee / MP-DI / black
K-HORIZON-0004-A-UR	K-Horizon PI-LED UGR+Grid 1133mm Surface-mounted / 26,5W / 2450lm / DALI DT8 / MP-DI / black

CCT [K]	VISUAL	BIOLOGICAL
	Luminous flux [lm]	alpha (smel)
1.800	1.252	0,247
2.000	1.415	0,288
2.500	1.849	0,383
2.700	2.030	0,419
3.000	2.316	0,470
3.500	2.566	0,548
4.000	2.450	0,618
4.500	2.420	0,680
5.000	2.372	0,736
5.500	2.340	0,786
6.000	2.315	0,831
6.500	2.296	0,871
7.000	2.281	0,906
8.000	2.259	0,967
9.000	2.245	1,017
10.000	2.235	1,059
12.000	2.223	1,122
14.000	2.216	1,168
16.000	2.212	1,202

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



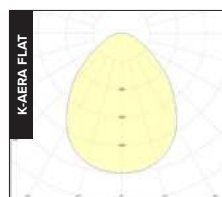
PERFECT FOR THE FOLLOWING PROJECTS



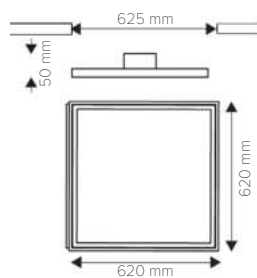
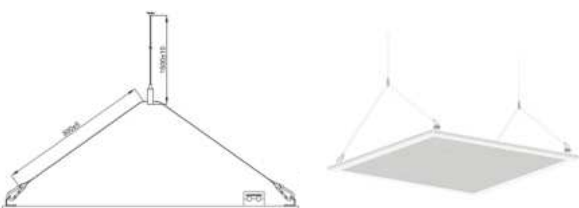
K-AERA FLAT

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	50 W
	Luminous flux	4.100 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	6,7 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Surface



Wire suspension for pendant version



When using the installation frame, a minimum installation depth of 200 mm is required. Ceiling cut-outs 612 mm or 635 mm.

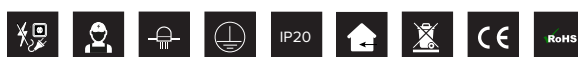
ZIGBEE **DALI**



- Ideal for large-area lighting in interiors.
- Color temperature 1,800 K to 16,000 K with high color stability thanks to microcontroller-controlled LED management.
- Glare-reduced microprismatic optics.
- Optimum conditions for VDU workstations UGR < 19.
- Size according to standard louvre dimensions.
- Casambi control available on request.



White
RAL 9003



Article number	Luminaire	Article number	Equipment
K-AEF-620-NZ-2.1	K-Aera Flat / PI-LED / ZigBee / 620mm / white	LTZ-1751-00-03	Built-on frame 620x620x60mm K-AERA FLAT
K-AEF-620-DA-2.1	K-Aera Flat / PI-LED / DALI DT8 / 620mm / white	LTZ-1751-00-00	Wire suspension K-AERA FLAT

i All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- LMU housing with strain relief
- DALI: Including over-the-bus updates

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16
Quantity of luminaires	21	26

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smel)	
1.800	1.835	0,258	
2.000	2.075	0,297	
2.500	2.725	0,386	
2.700	2.995	0,419	
3.000	3.415	0,467	
3.500	4.140	0,540	
4.000	4.100	0,606	
4.500	4.015	0,665	
5.000	3.955	0,718	
5.500	3.910	0,766	
6.000	3.880	0,808	
6.500	3.855	0,846	
7.000	3.840	0,879	
8.000	3.815	0,937	
9.000	3.805	0,985	
10.000	3.795	1,024	
12.000	3.785	1,083	
14.000	3.785	1,127	
16.000	3.785	1,160	

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.



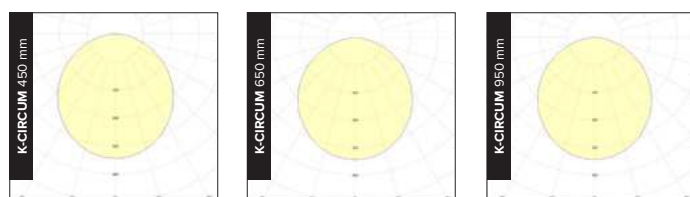
PERFECT FOR THE FOLLOWING PROJECTS



K-CIRCUM

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	36 W – 108 W
	Luminous flux	3.160 lm – 10.770 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	89 (@ 4.000 K)
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	6,8 kg 13,6 kg 26 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Surface



ZIGBEE **DALI**

PI²-LED



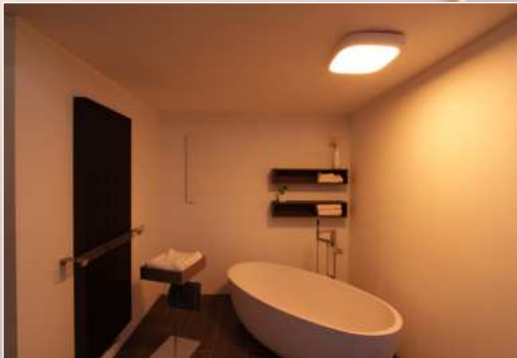
- Ideal for large-area lighting in interiors.
- Color temperature 1,800 K to 16,000 K with high color stability thanks to microcontroller-controlled LED management.
- Direct 230 V mains connection.
- Casambi control available on request.
- Available as recessed luminaire on request.



Article number	Luminaire
K-CIRCUM-0016	K-Circum PI-LED 450 mm Surface / 36W / 3160lm / NeoLink / OP-DI / white
K-CIRCUM-0017	K-Circum PI-LED 450 mm Surface / 36W / 3160lm / DALI DT8 / OP-DI / white
K-CIRCUM-0020	K-Circum PI-LED 450 mm Surface / 36W / 3160lm / NeoLink / OP-DI / black
K-CIRCUM-0021	K-Circum PI-LED 450 mm Surface / 36W / 3160lm / DALI DT8 / OP-DI / black
K-CIRCUM-0001	K-Circum PI-LED 650 mm Surface / 75W / 6880lm / NeoLink / OP-DI / white
K-CIRCUM-0002	K-Circum PI-LED 650 mm Surface / 75W / 6880lm / DALI DT8 / OP-DI / white
K-CIRCUM-0015	K-Circum PI-LED 650 mm Surface / 75W / 6880lm / ZigBee / OP-DI / black
K-CIRCUM-0007	K-Circum PI-LED 950 mm Surface / 108W / 10770lm / ZigBee / OP-DI / white
K-CIRCUM-0008	K-Circum PI-LED 950 mm Surface / 108W / 10770lm / DALI DT8 / OP-DI / white

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

K-CIRCUM 450 mm 650 mm			K-CIRCUM 950 mm		
Type of circuit breaker	B16	C16	Type of circuit breaker	B16	C16
Quantity of luminaires	10	17	Quantity of luminaires	5	8



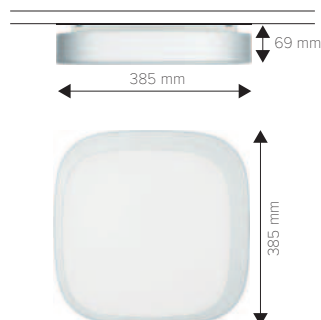
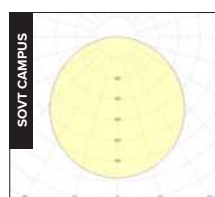
PERFECT FOR THE FOLLOWING PROJECTS



SOVT CAMPUS

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	41,6 W
	Luminous flux	3.250 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100 %
	Lifetime	L80/B10 50.000h
	Certification	CE I RoHS Conformity
	Weight	2,1 kg
	Operating voltage	230 VAC
	Control system	NeoLink I DALI DT8
	Protection class	II
	Mounting	Surface



ZIGBEE **DALI**



- Elegant design housing with integrated floodlight optics.
- Ideal for large-area interior lighting.
- Color temperature 1,800 K to 16,000 K with high color location stability thanks to microcontroller-controlled LED management.
- Soft light mixing and uniform light distribution.
- Casambi control available on request.



Article number	Luminaire
SO-CA351-IV	Sovt Campus Surface / PI-LED / ZigBee 3.0 / white
SO-CA355-IV	Sovt Campus Surface / PI-LED / ZigBee 3.0 / silver
SO-CA451-IV	Sovt Campus Surface / PI-LED / DALI / white
SO-CA455-IV	Sovt Campus Surface / PI-LED / DALI / silver

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smel)	
1.800	1.859	0,241	
2.000	2.107	0,282	
2.500	2.767	0,376	
2.700	2.935	0,411	
3.000	3.050	0,461	
3.500	3.187	0,537	
4.000	3.203	0,605	
4.500	3.121	0,666	
5.000	3.082	0,720	
5.500	3.045	0,769	
6.000	3.012	0,812	
6.500	2.980	0,851	
7.000	2.974	0,886	
8.000	2.939	0,945	
9.000	2.916	0,994	
10.000	2.878	1,034	
12.000	2.789	1,095	
14.000	2.668	1,140	
16.000	2.638	1,173	

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	A16
Quantity of luminaires	16

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.



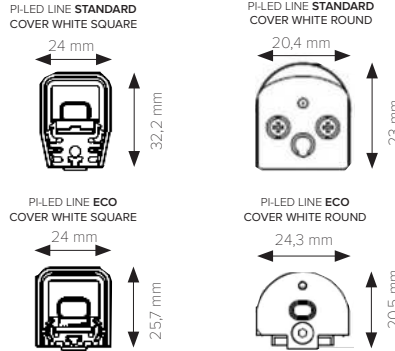
PERFECT FOR THE FOLLOWING PROJECTS



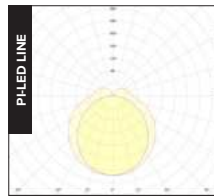
PI-LED LINE

PI-LED

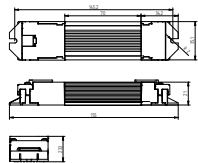
TECHNICAL DATA	Light source	SMD LED Module
	Output	11,4 W / 25,6 W
	Luminous flux	1.370 lm / 2.750 lm
	Efficiency	107 lm/W / 120 lm/W
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1 % – 100 %
	Lifetime	L70/B10 50.000h
	Certification	CE RoHS Conformity
	Operating voltage	48V DC
	Control system	ZigBee DALI DT8
	Protection class	III
	Mounting	Clips



PI-LED LMU and ECG are located outside the luminaire



Dimensions PI-LED LMU



- Profile including end caps made of extruded aluminum.
- Simple installation using mounting caps.
- Available in various lengths that can be combined with each other.
- Casambi control available on request.



I ZIGBEE **I DALI**



Article number	Luminaire Standard ZigBee	Article number	Luminaire Standard DALI DT8
93000307	PI-LED Line 591mm Standard 2 / 12,8W / ZigBee / CWS / Z22-W / 700	93000300	PI-LED Line 591mm Standard 2 / 12,8W / DALI DT8 / CWS / Z22-W / 700
93000308	PI-LED Line 872mm Standard 3 / 19,2W / ZigBee / CWS / Z22-W / 700	93000301	PI-LED Line 872mm Standard 3 / 19,2W / DALI DT8 / CWS / Z22-W / 700
93000309	PI-LED Line 1153mm Standard 4 / 25,6W / ZigBee / CWS / Z22-W / 700	93000302	PI-LED Line 1153mm Standard 4 / 25,6W / DALI DT8 / CWS / Z22-W / 700
93000310	PI-LED Line 1434mm Standard 5 / 32W / ZigBee / CWS / Z22-W / 700	93000303	PI-LED Line 1434mm Standard 5 / 32W / DALI DT8 / CWS / Z22-W / 700
93000311	PI-LED Line 1715mm Standard 6 / 38,4W / ZigBee / CWS / Z22-W / 700	93000304	PI-LED Line 1715mm Standard 6 / 38,4W / DALI DT8 / CWS / Z22-W / 700
93000312	PI-LED Line 1996mm Standard 7 / 44,8W / ZigBee / CWS / Z22-W / 700	93000305	PI-LED Line 1996mm Standard 7 / 44,8W / DALI DT8 / CWS / Z22-W / 700
93000313	PI-LED Line 2277mm Standard 8 / 51,2W / ZigBee / CWS / Z22-W / 700	93000306	PI-LED Line 2277mm Standard 8 / 51,2W / DALI DT8 / CWS / Z22-W / 700
Article number	Luminaire Eco ZigBee	Article number	Luminaire Eco DALI DT8
93000215	PI-LED Line 591mm Eco 2 / 5,7W / ZigBee / CWS / Z208 / 700	93000200	PI-LED Line 591mm Eco 2 / 5,7W / DALI DT8 / CWS / Z208 / 700
93000216	PI-LED Line 872mm Eco 3 / 8,6W / ZigBee / CWS / Z208 / 700	93000201	PI-LED Line 872mm Eco 3 / 8,6W / DALI DT8 / CWS / Z208 / 700
93000217	PI-LED Line 1153mm Eco 4 / 11,4W / ZigBee / CWS / Z208 / 700	93000202	PI-LED Line 1153mm Eco 4 / 11,4W / DALI DT8 / CWS / Z208 / 700
93000218	PI-LED Line 1434mm Eco 5 / 14,3W / ZigBee / CWS / Z208 / 700	93000203	PI-LED Line 1434mm Eco 5 / 14,3W / DALI DT8 / CWS / Z208 / 700
93000219	PI-LED Line 1715mm Eco 6 / 17,1W / ZigBee / CWS / Z208 / 700	93000204	PI-LED Line 1715mm Eco 6 / 17,1W / DALI DT8 / CWS / Z208 / 700
93000220	PI-LED Line 1996mm Eco 7 / 20W / ZigBee / CWS / Z208 / 700	93000205	PI-LED Line 1996mm Eco 7 / 20W / DALI DT8 / CWS / Z208 / 700
93000221	PI-LED Line 2277mm Eco 8 / 22,9W / ZigBee / CWS / Z208 / 700	93000206	PI-LED Line 2277mm Eco 8 / 22,9W / DALI DT8 / CWS / Z208 / 700
93000222	PI-LED Line 2558mm Eco 9 / 25,7W / ZigBee / CWS / Z208 / 700	93000207	PI-LED Line 2558mm Eco 9 / 25,7W / DALI DT8 / CWS / Z208 / 700
93000223	PI-LED Line 2839mm Eco 10 / 28,6W / ZigBee / CWS / Z208 / 700	93000208	PI-LED Line 2839mm Eco 10 / 28,6W / DALI DT8 / CWS / Z208 / 700
93000224	PI-LED Line 3120mm Eco 11 / 31,4W / ZigBee / CWS / Z208 / 700	93000209	PI-LED Line 3120mm Eco 11 / 31,4W / DALI DT8 / CWS / Z208 / 700
93000225	PI-LED Line 3401mm Eco 12 / 34,3W / ZigBee / CWS / Z208 / 700	93000210	PI-LED Line 3401mm Eco 12 / 34,3W / DALI DT8 / CWS / Z208 / 700

Converters are not included in the scope of delivery. Several PI-LED lines can be combined per converter.

① All products are equipped with PI-LED LMU 2.0 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- LMU housing with strain relief
- DALI: Including over-the-bus updates

CCT [K]	VISUAL		BIOLOGICAL	
	Luminous flux [lm]		alpha (smel)	
	Standard	Eco	Standard	Eco
1.800	1.950 / 71%	975 / 71%	0,232	0,249
2.000	2.200 / 80%	1.095 / 80%	0,272	0,291
2.500	2.750 / 100%	1.370 / 100%	0,360	0,388
2.700	2.750 / 100%	1.370 / 100%	0,393	0,425
3.000	2.750 / 100%	1.370 / 100%	0,438	0,477
3.500	2.750 / 100%	1.370 / 100%	0,507	0,556
4.000	2.750 / 100%	1.370 / 100%	0,569	0,628
4.500	2.750 / 100%	1.370 / 100%	0,623	0,691
5.000	2.750 / 100%	1.370 / 100%	0,671	0,749
5.500	2.750 / 100%	1.370 / 100%	0,714	0,800
6.000	2.750 / 100%	1.370 / 100%	0,752	0,845
6.500	2.750 / 100%	1.370 / 100%	0,787	0,886
7.000	2.750 / 100%	1.370 / 100%	0,817	0,923
8.000	2.750 / 100%	1.370 / 100%	0,869	0,985
9.000	2.750 / 100%	1.370 / 100%	0,911	1,036
10.000	2.750 / 100%	1.370 / 100%	0,946	1,078
12.000	2.750 / 100%	1.370 / 100%	1,000	1,143
14.000	2.750 / 100%	1.370 / 100%	1,038	1,190
16.000	2.750 / 100%	1.370 / 100%	1,068	1,225

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.



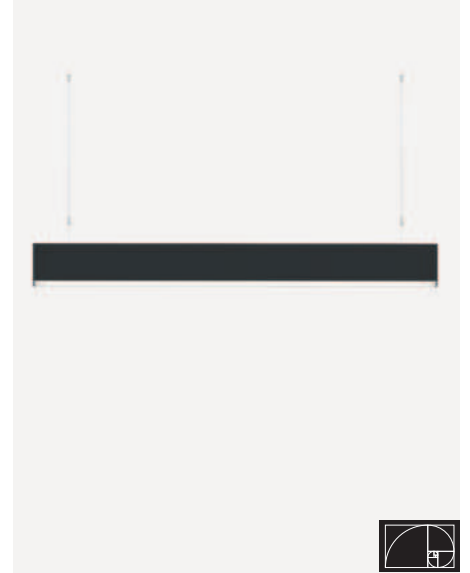
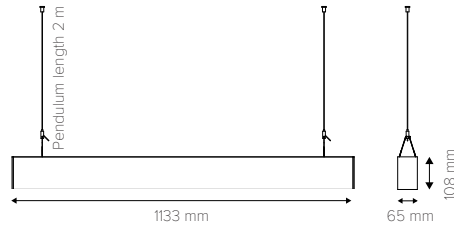
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	41 W / 71 W
	Luminous flux	7160 lm – 7.630 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Pendant



ZIGBEE **DALI**



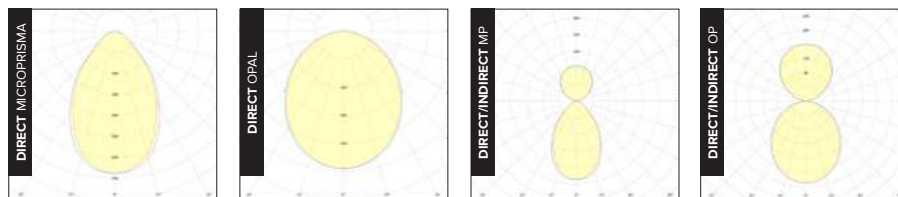
- Luminous corner sections with side length 603 mm available on request.
- Variants with UGR or UGR+ louvre only possible with direct light component.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Casambi control available on request.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16	C16
Quantity of luminaires	10	17

① All products are equipped with PI-LED LMU 2.1 and include the following features:

- Modular Dimming / "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- DALI: Including over-the-bus updates



UGR <19 Optimum conditions for VDU workstations UGR < 19 (pendant luminaires with direct (microprism) and indirect light component).



Article number	Luminaire
K-HORIZON-0017	K-Horizon PI-LED 1133mm Pendant / 41W / 4010lm / ZigBee 3.0 / MP-DI / naturally eloxidated
K-HORIZON-0018	K-Horizon PI-LED 1133mm Pendant / 41W / 4480lm / ZigBee 3.0 / OP-DI / naturally eloxidated
K-HORIZON-0019	K-Horizon PI-LED 1133mm Pendant / 41W / 4010lm / DALI DT8 / MP-DI / naturally eloxidated
K-HORIZON-0020	K-Horizon PI-LED 1133mm Pendant / 41W / 4480lm / DALI DT8 / OP-DI / naturally eloxidated
K-HORIZON-0021	K-Horizon PI-LED 1133mm Pendant / 41W / 4010lm / ZigBee 3.0 / MP-DI / black
K-HORIZON-0022	K-Horizon PI-LED 1133mm Pendant / 41W / 4480lm / ZigBee 3.0 / OP-DI / black
K-HORIZON-0023	K-Horizon PI-LED 1133mm Pendant / 41W / 4010lm / DALI DT8 / MP-DI / black
K-HORIZON-0024	K-Horizon PI-LED 1133mm Pendant / 41W / 4480lm / DALI DT8 / OP-DI / black
K-HORIZON-0025	K-Horizon PI-LED 1133mm Pendant / 71W / 7160lm / ZigBee 3.0 / MP-DI-ID / naturally eloxidated
K-HORIZON-0026	K-Horizon PI-LED 1133mm Pendant / 71W / 7630lm / ZigBee 3.0 / OP-DI-ID / naturally eloxidated
K-HORIZON-0027	K-Horizon PI-LED 1133mm Pendant / 71W / 7160lm / DALI DT8 / MP-DI-ID / naturally eloxidated
K-HORIZON-0028	K-Horizon PI-LED 1133mm Pendant / 71W / 7630lm / DALI DT8 / OP-DI-ID / naturally eloxidated
K-HORIZON-0029	K-Horizon PI-LED 1133mm Pendant / 71W / 7160lm / ZigBee 3.0 / MP-DI-ID / black
K-HORIZON-0030	K-Horizon PI-LED 1133mm Pendant / 71W / 7630lm / ZigBee 3.0 / OP-DI-ID / black
K-HORIZON-0031	K-Horizon PI-LED 1133mm Pendant / 71W / 7160lm / DALI DT8 / MP-DI-ID / black
K-HORIZON-0032	K-Horizon PI-LED 1133mm Pendant / 71W / 7630lm / DALI DT8 / OP-DI-ID / black

CCT [K]	VISUAL			BIOLOGICAL
	Luminous flux [lm]			alpha (smel)
	dir. opal	dir. Prisma	indir.	
1.800	2.507	2.236	1.744	0,255
2.000	2.826	2.520	1.966	0,300
2.500	3.657	3.262	2.546	0,404
2.700	3.996	3.565	2.785	0,442
3.000	4.480	4.010	3.150	0,498
3.500	4.255	3.809	3.143	0,584
4.000	4.119	3.687	3.037	0,661
4.500	4.033	3.610	2.969	0,730
5.000	3.976	3.559	2.922	0,792
5.500	3.938	3.525	2.890	0,848
6.000	3.912	3.502	2.868	0,897
6.500	3.895	3.487	2.852	0,942
7.000	3.883	3.477	2.840	0,982
8.000	3.870	3.465	2.826	1,050
9.000	3.865	3.460	2.818	1,105
10.000	3.865	3.460	2.814	1,151
12.000	3.870	3.465	2.813	1,221
14.000	3.877	3.471	2.813	1,273
16.000	3.728	3.356	2.816	1,311

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.



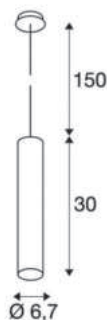
PERFECT FOR THE FOLLOWING PROJECTS



K-MOTUS

PI-LED

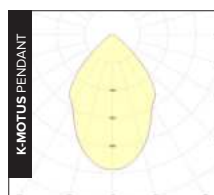
TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	15 W
	Luminous flux	670 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	1 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Pendant



ZIGBEE **DALI**



- Modern pendant light made of aluminum.
- Available in white, black and gray housing colors on request.
- Color temperature 1.800 K to 16.000 K with high color location stability thanks to microcontroller-controlled LED management.
- Soft light mixing and uniform light distribution.



Article number	Luminaire
K-PL-MO-NZ-SZ-V01	K-Motus PI-LED Pendant / 15W / 670lm / ZigBee / black
K-PL-MO-NZ-WH-V01	K-Motus PI-LED Pendant / 15W / 670lm / ZigBee / white
K-PL-MO-DA-SZ-V01	K-Motus PI-LED Pendant / 15W / 670lm / DALI DT8 / black
K-PL-MO-DA-WH-V01	K-Motus PI-LED Pendant / 15W / 670lm / DALI DT8 / white

ⓘ All products are designed with PI-LED LMU 2.0 and include the following features:

- "Camera Ready"
- ZigBee
- DALI 2 registration and DALI DT8 (all color types)
- LMU housing with strain relief
- DALI: Including over-the-bus updates

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C13	C16	B13	B16
Quantity of luminaires	19	22	10	13

CCT [K]	VISUAL	BIOLOGICAL
	Luminous flux [lm]	alpha (smel)
1.800	430	0,241
2.000	505	0,266
2.500	710	0,345
2.700	695	0,381
3.000	670	0,435
3.500	645	0,519
4.000	630	0,597
4.500	620	0,668
5.000	615	0,732
5.500	615	0,789
6.000	610	0,841
6.500	610	0,887
7.000	610	0,928
8.000	610	0,998
9.000	590	1,054
10.000	550	1,100
12.000	500	1,171
14.000	470	1,221
16.000	450	1,257

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.



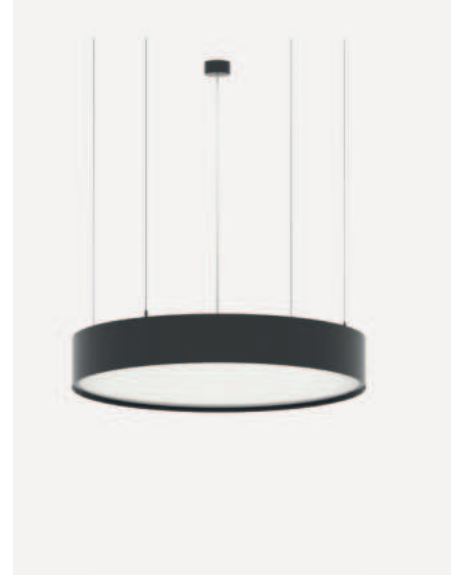
PERFECT FOR THE FOLLOWING PROJECTS



K-CIRCUM

PI-LED

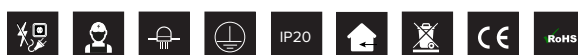
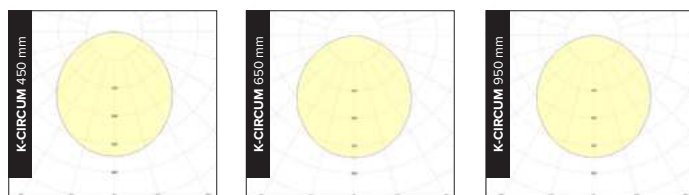
TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	36 W – 108 W
	Luminous flux	3.160 lm – 11.010 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	89 (@ 4.000 K)
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	6,8 kg 13,6 kg 26 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Pendant



ZIGBEE **DALI**



- Ideal for large-area interior lighting.
- Color temperature 1.800 K to 16.000 K with high color location stability thanks to microcontroller-controlled LED management.
- Casambi control available on request.



Article number	Luminaire
K-CIRCUM-0018	K-Circum PI-LED 450mm Pendant / 36W / 3160lm / NeoLink / OP-DI / white
K-CIRCUM-0019	K-Circum PI-LED 450mm Pendant / 36W / 3160lm / DALI DT8 / OP-DI / white
K-CIRCUM-0022	K-Circum PI-LED 450mm Pendant / 36W / 3160lm / NeoLink / OP-DI / black
K-CIRCUM-0023	K-Circum PI-LED 450mm Pendant / 36W / 3160lm / DALI DT8 / OP-DI / black
K-CIRCUM-0003	K-Circum PI-LED 650mm Pendant / 75W / 6880lm / ZigBee / OP-DI / white
K-CIRCUM-0004	K-Circum PI-LED 650mm Pendant / 75W / 7155lm / ZigBee / OP-DI-HD / white
K-CIRCUM-0005	K-Circum PI-LED 650mm Pendant / 75W / 6880lm / DALI DT8 / OP-DI / white
K-CIRCUM-0006	K-Circum PI-LED 650mm Pendant / 75W / 7155lm / DALI DT8 / OP-DI-HD / white
K-CIRCUM-0009	K-Circum PI-LED 950mm Pendant / 108W / 10770lm / ZigBee / OP-DI / white
K-CIRCUM-0010	K-Circum PI-LED 950mm Pendant / 108W / 11.010lm / ZigBee / OP-DI-HD / white
K-CIRCUM-0011	K-Circum PI-LED 950mm Pendant / 108W / 10770lm / DALI DT8 / OP-DI / white
K-CIRCUM-0012	K-Circum PI-LED 950mm Pendant / 108W / 11.010lm / DALI DT8 / OP-DI-HD / white
K-CIRCUM-0013	K-Circum PI-LED 950mm Pendant / 108W / 11.010lm / ZigBee / OP-DI-HD / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Luminaire 450 mm 650 mm			Luminaire 950 mm		
Type of circuit breaker	B16	C16	Type of circuit breaker	B16	C16
Quantity of luminaires	10	17	Quantity of luminaires	5	8

CCT [K]	VISUAL			BIOLOGICAL	
	Luminous flux [lm]			alpha (smel)	
	450 mm	650 mm	950 mm	450 mm	650 mm 950 mm
1.800	2.432	3.694	8.337	0,270	0,267
2.000	2.745	4.132	8.507	0,308	0,306
2.500	3.571	5.390	8.524	0,399	0,397
3.000	3.742	5.390	8.446	0,482	0,480
3.500	3.786	5.390	8.340	0,558	0,554
4.000	3.800	5.270	8.260	0,626	0,621
4.500	3.794	5.148	8.215	0,687	0,682
5.000	3.779	5.013	8.238	0,741	0,735
5.500	3.758	4.829	8.185	0,790	0,783
6.000	3.735	4.905	8.126	0,834	0,826
6.500	3.711	4.979	8.097	0,873	0,865
7.000	3.688	4.970	8.042	0,908	0,899
8.000	3.644	4.942	8.049	0,968	0,958
9.000	3.607	4.770	7.626	1,017	1,006
10.000	3.574	4.470	7.286	1,058	1,046
12.000	3.521	4.063	6.802	1,120	1,107
14.000	3.431	3.878	6.446	1,165	1,151
16.000	3.271	3.717	6.316	1,199	1,184

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031:100 as a basis.



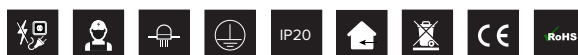
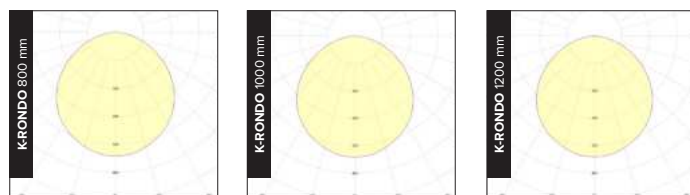
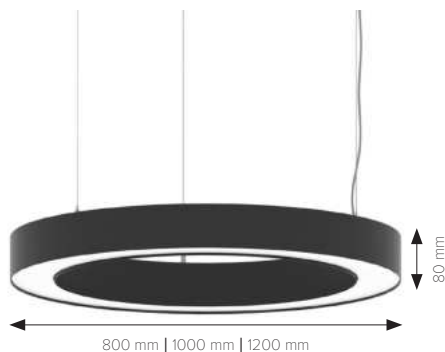
PERFECT FOR THE FOLLOWING PROJECTS



K-RONDO

PI-LED

TECHNICAL DATA	Light source	LED Modul
	Output	61 W – 90 W
	Luminous flux	3.440 lm – 7.390 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Operating voltage	230 VAC
	Protection class	I
	Control system	ZigBee DALI DT8
	Mounting	Pendant



Article number	Luminaire
K-RONDO-1001-01	K-Rondo PI-LED Pendant / D800mm / H80mm / 61W / 4520lm / DALI DT8 / white
K-RONDO-1002-01	K-Rondo PI-LED Pendant / D800mm / H80mm / 61W / 4520lm / ZigBee 3.0 / white
K-RONDO-1003-01	K-Rondo PI-LED Pendant / D800mm / H80mm / 61W / 3440lm / DALI DT8 / black
K-RONDO-1004-01	K-Rondo PI-LED Pendant / D800mm / H80mm / 61W / 3440lm / ZigBee 3.0 / black
K-RONDO-1005-01	K-Rondo PI-LED Pendant / D1000mm / H80mm / 70W / 5760lm / DALI DT8 / white
K-RONDO-1006-01	K-Rondo PI-LED Pendant / D1000mm / H80mm / 70W / 5760lm / ZigBee 3.0 / white
K-RONDO-1007-01	K-Rondo PI-LED Pendant / D1000mm / H80mm / 70W / 4250lm / DALI DT8 / black
K-RONDO-1008-01	K-Rondo PI-LED Pendant / D1000mm / H80mm / 70W / 4250lm / ZigBee 3.0 / black
K-RONDO-1009-01	K-Rondo PI-LED Pendant / D1200mm / H80mm / 90W / 7390lm / DALI DT8 / white
K-RONDO-1010-01	K-Rondo PI-LED Pendant / D1200mm / H80mm / 90W / 7390lm / ZigBee 3.0 / white
K-RONDO-1011-01	K-Rondo PI-LED Pendant / D1200mm / H80mm / 90W / 5990lm / DALI DT8 / black
K-RONDO-1012-01	K-Rondo PI-LED Pendant / D1200mm / H80mm / 90W / 5990lm / ZigBee 3.0 / black



ZIGBEE **DALI** **PI²-LED**

F

- Highly efficient ring light with elegant design.
- Color temperature 1,800 K to 16,000 K with high color location stability thanks to microcontroller-controlled LED management.
- The variety of diameters makes it possible to create unique interiors.
- Casambi control available on request.



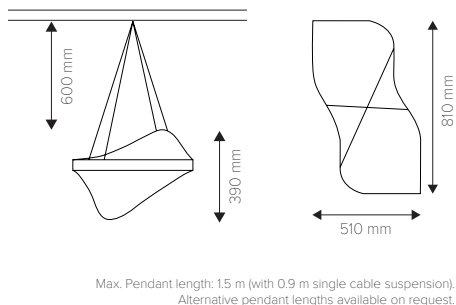
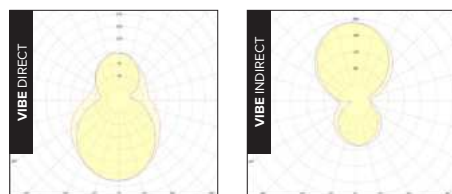
PERFECT FOR THE FOLLOWING PROJECTS



VIBE

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	72 W
	Luminous flux	3.800 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	CCTICIE-xy 5 % – 100 % RGB 0 % – 100 %
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	7 kg
	Operating voltage	230 VAC
	Protection class	I
	Control system	Neolink DALI DT8
	Mounting	Pendant



- Unique design is combined with high-quality materials.
- Powder-coated aluminum frame, RAL 9003 matt.
- Color temperature 1,800 K to 16,000 K with high color location stability thanks to microcontroller-controlled LED management.
- Soft light mixing and uniform light distribution.
- Direct and indirect separately controllable.
- Operating temperature monitoring with automatic dimming protection function.
- Casambi control available on request.



White
RAL 9003



Article number	Luminaire
K-VBHL-NL-810	Vibe Pendant / PI-LED / NeoLink / white
K-VBHL-DA-810	Vibe Pendant / PI-LED / DALI DT8 / white

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smel)	
1.800	2.685	0,231	
2.000	3.165	0,256	
2.500	4.040	0,334	
2.700	3.925	0,376	
3.000	3.800	0,439	
3.500	3.685	0,540	
4.000	3.630	0,634	
4.500	3.610	0,721	
5.000	3.610	0,799	
5.500	3.615	0,870	
6.000	3.630	0,934	
6.500	3.650	0,992	
7.000	3.645	1,043	
8.000	3.230	1,130	
9.000	2.950	1,202	
10.000	2.745	1,260	
12.000	2.490	1,349	
14.000	2.330	1,413	
16.000	2.220	1,460	

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Modell	Characteristic B				Characteristic C			
	6A	10A	13A	16A	6A	10A	13A	16A
LT60	7	11	15	18	11	19	25	31



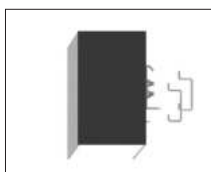
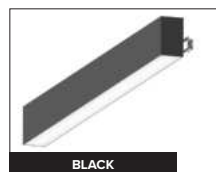
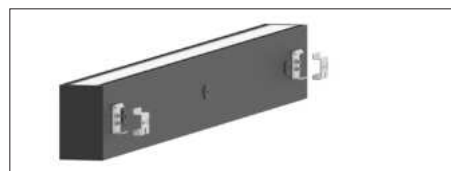
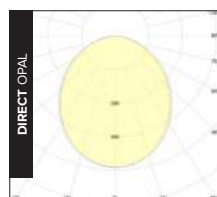
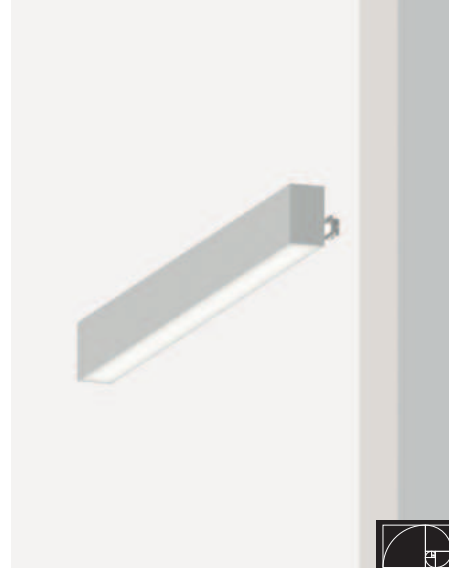
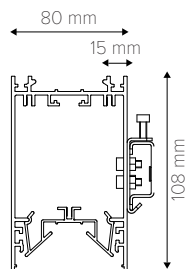
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON

PI-LED

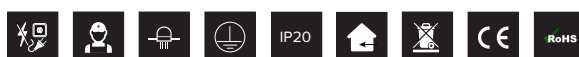
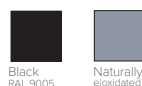
TECHNICAL DATA	Light source	LED Modul
	Output	41 W / 71 W
	Luminous flux	4.480 lm – 7.630 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Wall



ZIGBEE **DALI** **PI²-LED**



- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- Direct and indirect light emission.



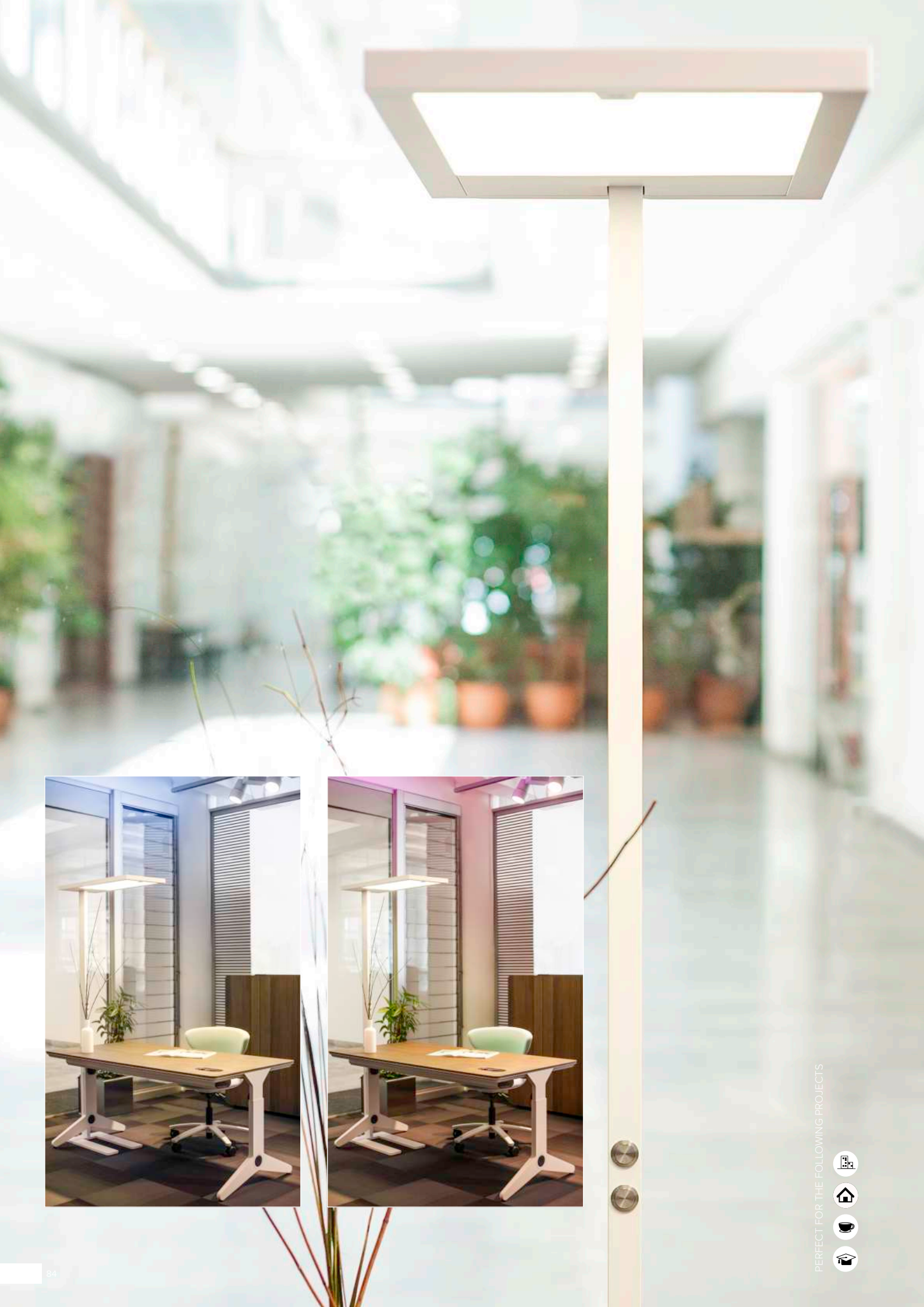
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K-HORIZON-0100-03	K-Horizon PI-LED 1133mm / Wall / 41W / 4480lm / ZigBee 3.0 / OP-DI / naturally eloxidated
K-HORIZON-0101-03	K-Horizon PI-LED 1133mm / Wall / 41W / 4480lm / DALI DT8 / OP-DI / naturally eloxidated
K-HORIZON-0102-03	K-Horizon PI-LED 1133mm / Wall / 41W / 4480lm / ZigBee 3.0 / OP-DI / black
K-HORIZON-0103-03	K-Horizon PI-LED 1133mm / Wall / 41W / 4480lm / DALI DT8 / OP-DI / black
K-HORIZON-0104-03	K-Horizon PI-LED 1133mm / Wall / 71W / 7630lm / ZigBee 3.0 / OP-DI-ID / naturally eloxidated
K-HORIZON-0105-03	K-Horizon PI-LED 1133mm / Wall / 71W / 7630lm / DALI DT8 / OP-DI-ID / naturally eloxidated
K-HORIZON-0106-03	K-Horizon PI-LED 1133mm / Wall / 71W / 7630lm / ZigBee 3.0 / OP-DI-ID / black
K-HORIZON-0107-03	K-Horizon PI-LED 1133mm / Wall / 71W / 7630lm / DALI DT8 / OP-DI-ID / black

CCT [K]	VISUAL		BIOLOGICAL
	Luminous flux [lm]		alpha(smell)
	dir. opal	indir.	
1.800	2507	1744	0,255
2.000	2826	1966	0,300
2.500	3657	2546	0,404
2.700	3996	2785	0,442
3.000	4480	3150	0,498
3.500	4255	3143	0,584
4.000	4119	3037	0,661
4.500	4033	2969	0,730
5.000	3976	2922	0,792
5.500	3938	2890	0,848
6.000	3912	2868	0,897
6.500	3895	2852	0,942
7.000	3883	2840	0,982
8.000	3870	2826	1,050
9.000	3865	2818	1,105
10.000	3865	2814	1,151
12.000	3870	2813	1,221
14.000	3877	2813	1,273
16.000	3728	2816	1,311

The alpha(smell) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smell) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16	C16
Quantity of luminaires	10	17



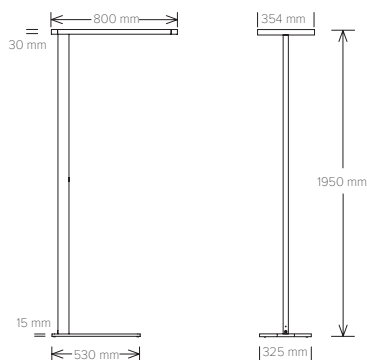
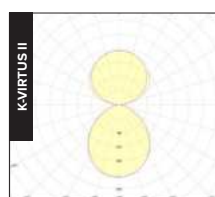
PERFECT FOR THE FOLLOWING PROJECTS



K-VIRTUS II

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	100 W
	Luminous flux	direct: 3.800 lm indirect: 3.950 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100 %
	Lifetime	L80/B10 50.000h
	Certification	CE I RoHS Conformity
	Weight	25,4 kg
	Operating voltage	230 VAC
	Control system	ZigBee
	Protection class	I
	Mounting	Floor



ZIGBEE **DALI**



PI-LED®



- Unique free-standing luminaire for automatic daylight progression, brightness sensor and presence detector.
- Color temperature 1,800 K to 16,000 K with high color location stability thanks to microcontroller-controlled LED management.
- In/direct light component can be controlled separately.
- Glare-reduced optics and soft light mixture.
- Optimum conditions for VDU workstations UGR < 19 (micropismatic optics).
- Operating temperature monitoring with automatic dimming protection function.
- Casambi control available on request.

① Increasing concentration and performance at the workplace by simulating the course of daylight.



Article number	Luminaire
K-KII-NZ-11	K-Virtus II Floor / PI-LED / NeoLink / white
K-KII-NZ-33	K-Virtus II Floor / PI-LED / NeoLink / black
K-KII-NZ-44	K-Virtus II Floor / PI-LED / NeoLink / silver

CCT [K]	VISUAL		BIOLOGICAL
	Luminous flux [lm]		alpha (smel)
	direct	indirect	
1800	2.040	2.100	0,264
2.000	2.305	2.370	0,299
2.500	3.020	3.120	0,377
2.700	3.320	3.450	0,405
3.000	3.800	3.950	0,445
3.500	3.750	3.800	0,506
4.000	3.630	3.660	0,560
4.500	3.540	3.575	0,608
5.000	3.480	3.510	0,650
5.500	3.440	3.460	0,688
6.000	3.400	3.425	0,722
6.500	3.380	3.400	0,753
7.000	3.360	3.370	0,781
8.000	3.330	3.340	0,827
9.000	3.310	3.315	0,864
10.000	3.300	3.300	0,894
12.000	3.280	3.280	0,939
14.000	3.270	3.280	0,972
16.000	3.260	3.275	0,996

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.



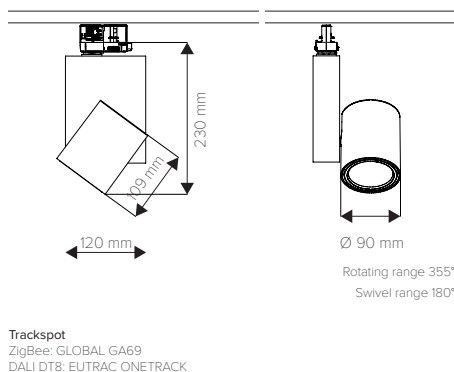
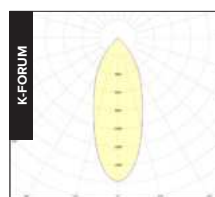
PERFECT FOR THE FOLLOWING PROJECTS



K-FORUM

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	34 W
	Luminous flux	1.973 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	1,6 kg
	Operating voltage	230 VAC
	Control system	ZigBee DALI DT8
	Protection class	I
	Mounting	Trackspot



ZIGBEE **DALI**



- Simple design and clear shapes.
- Color temperature 1,800 K to 16,000 K with high color stability thanks to microcontroller-controlled LED management (with temperature compensation and factory calibration).
- Soft light mixing and uniform light distribution.
- Highly permeable protective glass, passive cooling including thermal management.
- Casambi control available on request.



Article number	Luminaire
K-FO-40-NZ-W	K-Forum Trackspot 40° / PI-LED / ZigBee / white
K-FO-40-NZ-S	K-Forum Trackspot 40° / PI-LED / ZigBee / silver
K-FO-40-NZ-SZ	K-Forum Trackspot 40° / PI-LED / ZigBee / black
K-FO-40-DA-W	K-Forum Trackspot 40° / PI-LED / DALI DT8 / white
K-FO-40-DA-S	K-Forum Trackspot 40° / PI-LED / DALI DT8 / silver
K-FO-40-DA-SZ	K-Forum Trackspot 40° / PI-LED / DALI DT8 / black

CCT [K]	VISUAL	BIOLOGICAL	MELANOPIC FACTOR
	Luminous flux [lm]	alpha (smel)	
1.800	1.044	0,241	
2.000	1.228	0,267	
2.500	1.771	0,333	
2.700	2.000	0,368	
3.000	1.973	0,419	
3.500	1.893	0,500	
4.000	1.843	0,575	
4.500	1.816	0,643	
5.000	1.797	0,704	
5.500	1.786	0,759	
6.000	1.778	0,808	
6.500	1.774	0,853	
7.000	1.774	0,892	
8.000	1.774	0,958	
9.000	1.774	1,012	
10.000	1.778	1,056	
12.000	1.660	1,123	
14.000	1.549	1,171	
16.000	1.930	1,206	

The alpha(smel) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the natural human bio-rhythm, higher alpha(smel) values can minimize the release of melatonin during the day and lower values can promote it in the evening. The implementation of lighting that is not only visually effective but also biologically/melanopically effective is made possible by PI-LEDs. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100 as a basis.



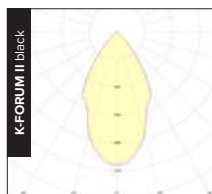
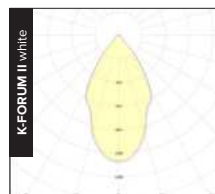
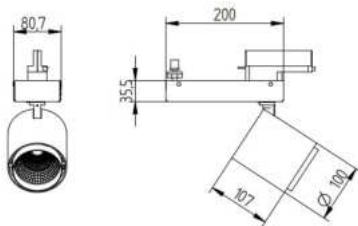
PERFECT FOR THE FOLLOWING PROJECTS



K-FORUM II

PI-LED

TECHNICAL DATA	Light source	LED Modul PI-LED
	Output	33 W
	Luminous flux	1.670 lm – 1.820 lm
	Light color	1.800 K – 16.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Dimming range	1% – 100%
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	1,5 kg
	Operating voltage	230 VAC
Protection class	Control system	ZigBee DALI DT8
	Casambi	
Mounting	Trackspot	



ZIGBEE **DALI**

PI²-LED

E

- Simple design and clear shapes.
- Color temperatur 1.8000 K to 16.000 K with high color stability thanks to microcontroller-LED-management.
- Soft light mixing and uniform light distribution.



White
RAL 9016



Black
RAL 9005



Article number	Luminaire
K-FOII-NZ-WHWH-01	K-Forum-II Trackspot 60° / 33W / 1820lm / PI-LED / ZigBee / white/white
K-FOII-DA-WHWH-01	K-Forum-II Trackspot 60° / 33W / 1820lm / PI-LED / DALI DT8 / white/white
K-FOII-CA-WHWH-01	K-Forum-II Trackspot 60° / 33W / 1820lm / PI-LED / Casambi / white/white
K-FOII-NZ-BLBL-01	K-Forum-II Trackspot 60° / 33W / 1670lm / PI-LED / ZigBee / black/black
K-FOII-DA-BLBL-01	K-Forum-II Trackspot 60° / 33W / 1670lm / PI-LED / DALI DT8 / black/black
K-FOII-CA-BLBL-01	K-Forum-II Trackspot 60° / 33W / 1670lm / PI-LED / Casambi / black/black

The innovative NeoLink radio control system, based on the ZigBee standard, opens up completely new possibilities for daylight-like lighting. Installation, maintenance and use are simple, efficient and intuitive. This means that integrating bio-rhythmic KITEO lighting solutions into existing architecture at a later date is just as easy as installing them in new buildings.

Color temperature control

Besides fully automatic daylight sequences, myPI-LED also allows the desired color temperature to be set individually at any time.

Groups

Selection of the luminaires or luminaire groups to be controlled.

Brightness control

The myPI-LED app makes it easy to adjust the brightness.

Color control

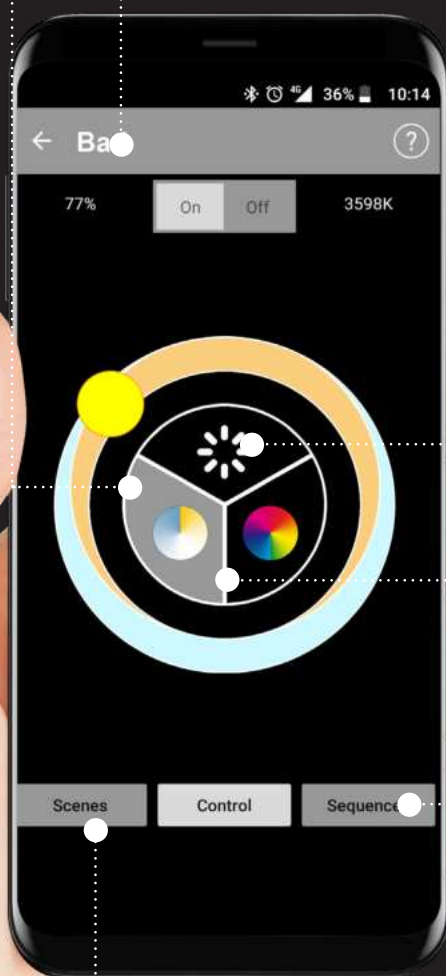
With myPI-LED countless effective lighting scenes can be generated.

Sequences

myPI-LED contains two pre-programmed daylight sequences and a demo sequence in the standard version. In addition, customer-specific sequences can be added as required.

Scenes

Easy saving of any lighting scenes.

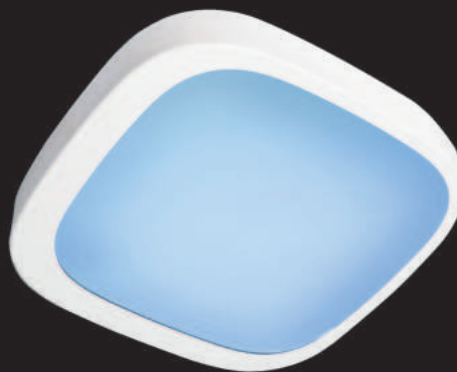


The intelligent NeoLink Box forms the interface between the lights and the mobile device.

Rotary control, PC or app

Controll light is now easier and more flexible than ever. With ZigBee, you can set the perfect light for every occasion.

All products can be used to control NeoLink or Zig-Bee luminaires.



NeoLink
K-ZWALLY



Android/iOS APP myPI-LED
via NeoLink Box

Range of functions	↓	↓
Manual control (brightness, color, ON/OFF)	✓	✓
CIE-xy-expert mode	-	-
Network setup and reset	✓	✓
Saving and activating light scenes	-	✓
Activating daylight/sequences	✓	✓
Creating and controlling groups	-	✓

The K-ZWALLY can be integrated into a higher-level NeoLink network, set up by the NeoLink Box, and can then be assigned to a luminaire group.

The data for operation is transmitted over distances of up to 100m based on a routing process using mesh network technology - and with very low energy consumption. Thanks to a wide range of operating elements, there is also a suitable interface for lighting control for every structural situation and every user.

In addition to wall-mounted rotary controls and the myPI-LED app for smartphones and tablets (Android and iOS), there is also a USB stick with the myPI-LED software for manual or fully automatic control via PCs and laptops.



K-ZWALLY

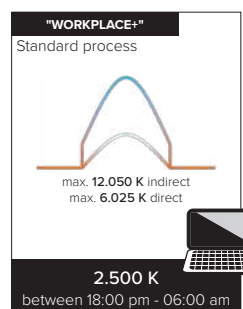
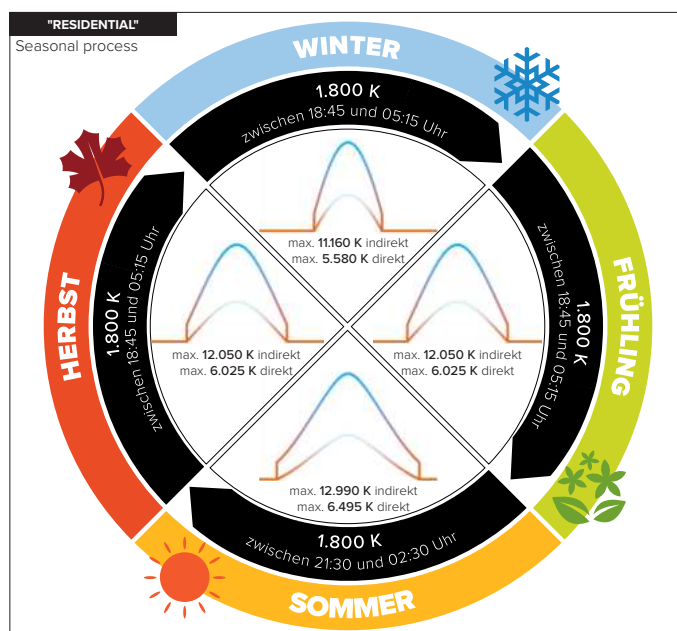
NeoLink wall control for NeoLink and ZigBee luminaires

- ON/OFF (standby) switching of luminaires (recommended: mains switch for luminaires and Z-WALLY)
- Infinitely variable control of brightness (1-100%), color flow and color temperature (1.800-16.000K)
- Separate control of in/direct light components
- Setting up and resetting a network
- Installation in conventional flush-mounted device boxes with a minimum depth of 61mm
- "Automatic daylight profile" mode including consideration of in/direct light components
- Compatible with BIO-LOGIC LIGHT daylight sequences



Technical Data

Operation	Endless potentiometer with push-button function
Operating voltage	100 V – 240 VAC
Frequency range	50/60 Hz
Power consumption	0,3 W
Housing color	Black
Certifications	CE RoHS Conformity
Shaft diameter	4 mm (compatible with common switch ranges - countries on request); for shaft diameter 6mm, an adapter sleeve is included
Installation	PCB terminals / flush-mounted in appliance box to DIN 49073 with a minimum depth of 61mm
Other	Installation and operating instructions included Cover frame not included (optional accessory)



K-ZWALLY includes daylight sequences for "Workplace+", "Residential" and "BIO-LOGIC LIGHT" applications!

Article number	Product	Article number	Equipment
K-ZWALLY-1.3	Wally UTC / Workplace+ / NeoLink-ZigBee	K-Z1000051	Central plate with rotary knob / JUNG A500-Serie / A540 WW / alpinwhite
K-ZWALLY-2.3	Wally UTC / Residential / NeoLink-ZigBee	K-Z1000050	Frame single / JUNG AS500-Serie / AS581 WW / alpinwhite
K-ZWALLY-24.3	Wally UTC+1 / Workplace+ / NeoLink-ZigBee	K-Z1000052	Frame double / JUNG AS500-Serie / AS582 WW / alpinwhite
K-ZWALLY-4.3	Wally UTC+1 / Residential / NeoLink-ZigBee		
K-ZWALLY-5.3	Wally UTC+1 CH / Residential / NeoLink-ZigBee		
K-ZWALLY-25.1	Wally UTC+1 / BIO-LOGIC LIGHT / NeoLink-ZigBee		



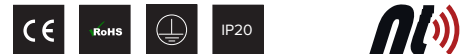
K-ZWALLY also available in a surface-mounted or table housing!

* All products can be used to control NeoLink or ZigBee luminaires from KITEO.

myPI-LED mobil

Mobile control for NeoLink and ZigBee luminaires

- Setting up and configuring a network: up to 200 NeoLink or ZigBee luminaires including grouping
- Fully automatic sequences already stored in the NeoLink Box and are called up via the myPI-LED app:
 - Standard „Workplace“ daily sequence
 - Seasonal "Residential" daily sequence with daily adjustment
 - "BIO-LOGIC LIGHT" daily sequence with customized interventions
 - Colour sequence (colour temperature and RGB sequences)
- Wide range of manual intervention options:
 - Brightness 1 % – 100 % or color temperature 1.800 K – 16.000 K
 - Saving and activating up to 16 light scenes
- Integration of up to 30 K-ZWALLYs into the NeoLink Box network
- Synchronization of network data: Up-to-date information on the lighting installation on any mobile device
- Compatible with BIO-LOGIC LIGHT daylight sequences



Technical Data (NeoLink Box)



Supply voltage	100 V – 240 VAC
Current consumption	max. 0,1 A
Frequency range	50/60 Hz
Interfaces	1 Ethernet for connection to WLAN router 2 Power supply via supplied power cable
Output signal	NeoLink ZigBee
Standards	EN 55015 (EMC immunity requirements) EN 300328 (radio testing) EN 62386 (product safety)
Protection class type	II (protective insulation, without conductor connection) IP20
Ambient temperature	+10 °C bis +45 °C
Dimensions L x B x H	93 mm x 67 mm x 28 mm



Article number	Product
LTP-1026-02	NeoLink Box

The NeoLink Box includes daylight sequences for "Workplace", "Residential", and "BIO-LOGIC LIGHT" functions, which can be viewed at the myPI-LED app.

The NeoLink Box now has its own integrated clock: The daylight curves are played back to the second even without the myPI-LED app.



The myPI-LED app is available as "myPI-LED" for free in the Playstore or Appstore.

* The NeoLink Box can be used to control NeoLink or ZigBee luminaires from KITEO.

DALI DISPLAY 4"

Control and operation of DALI systems

- Multifunctional control device for DALI and DALI-2 systems
- 4" capacitive touchscreen with 24-bit color depth
- Customizable user interface
- Dimming and control of individual luminaires or groups of luminaires
- Recalling and saving lighting scenes
- Convenient operation via numerous widgets

Technical Data

Dimensions	88 x 88 x 8,5 mm
Display resolution	480 x 480 px
Display colors	24 Bit
Power output	1,2 W 3 W
Number of DALI-Circuits	1
Installation	Installation on flush-mounted box

Artikel number	Module
LTP-1037-V01	DALI DISPLAY 4"
K-DALI-PS-300	DALI PS 24V, 300mA (DIN rail)



DALI

DALI DISPLAY 7"

Control and operation of DALI systems

- Multifunctional control unit for DALI and DALI-2 systems
- 7" capacitive touchscreen with 24-bit color depth
- Customizable user interface
- Dimming and control of individual luminaires or groups of luminaires
- Recalling and saving lighting scenes
- Convenient operation via numerous widgets

Technical Data

Dimensions	178 x 111 x 8 mm
Display resolution	1024 x 600 px
Display colors	24 Bit
Power consumption	3,5 W
Number of DALI-Circuits	1
Installation	Installation on flush-mounted box

Article number	Module
LTP-1029-V02	DALI DISPLAY 7"
K-DALI-PS-300	DALI PS 24V, 300mA (DIN rail)



DALI

DALI ROTATION

Wall control for DALI luminaires

- Rotary knob and push-button for controlling the brightness of DALI luminaires
- Control of light color and temperature for PI-LED lighting solutions
- Integrated bus power supply (70 mA)
- Assignment of individual commands for push-button and rotary knobs
- Installation of multiple DALI circuits possible
- Configuration via DALI-USB interface and DALI cockpit software tool
- No additional power supply required
- Dual DALI terminals for easy looping of the bus connection



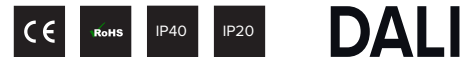
Technical Data

Dimensions	70 x 70 x 45 mm
Axle diameter	4 mm
Protection class	II
Protection type	IP 40 (housing) IP 20 (terminals)
Installation	Installation on flush-mounted box

Article number	Module
K-DALI-ROT-RGBW	DALI ROT RGBW with 70mA bus power supply
K-DALI-ROT	DALI ROT with 70mA bus power supply
K-DALI-ROT-ADP	Adapter 6mm

As an alternative to NeoLink, daylight-like lighting from KITEO can be integrated via DALI DT8. Modern biorhythmic lighting can be easily and quickly integrated into more complex building management systems.

With DALI DT8, all functions of a lighting system, such as changing brightness, color temperature, color sequence and daylight gradients, can be controlled and monitored - on a large scale or very specifically. Users can set the perfect light in seconds, anytime and for any occasion.



DALI CDC | DALI SEQUENCER

DALI CDC - Transmitting daylight to lighting installations DALI SEQUENCER - Creating special color effects

DALI CDC

- Implementation of a freely programmable daylight profile
- Saved daylight profile can be sent to the broadcast address (all luminaires), to luminaire groups or to individual addresses

DALI SEQUENCER

- Implementatoin of up to four automatically running brightness and color sequences
- Retrieval of the various sequences via, for example, the DALI touch panel
- Saved sequences can be sent to the broadcast address (all luminaires) or to luminaire groups

APPLIES TO BOTH COMPONENTS

- Easy connection to the DALI circuit
- Multiple components per DALI circuit possible

Technical Data

	DALI CDC	DALI SEQUENCER
Power supply	via DALI bus	via DALI bus
Typ. current consumption	5 mA	2 mA
In-/Output signal	DALI	DALI
DALI standard	IEC 62386 (inkl. Device Type 8)	IEC 62386 (inkl. Device Type 8)
Sequences	Integrated RTC timer module, programmable daily schedule	Up to 4 sequences programmable
Protection class	IP 20	IP 20
Dimensions L x B x H	33 mm x 15 mm x 59 mm	28 mm x 15 mm x 40 mm

Article number	Module
K-DALI-CDC	DALI CDC
K-DALI-SEQ	DALI Sequencer

DALI PS

- Power supply for the DALI circuit (1 required per circuit)
- Low-voltage installation regulations (DALI is not SELV)

Technical Data

Supply	from mains voltage 230 VAC
Frequency supply voltage	50 Hz
Rated power PS I PS2	4 W I 4 W
Output	DALI
Max. output current PS I PS2	250 mA I 220 mA
Temperature	- 20°C bis + 55°C
Protection class	IP 20
Connection wire cross-section	max. 2,5 m²
Installation PS I PS2	DIN rail I ceiling recessed

Article number	Interface module
K-DALI-PS	DALI PS (DIN rail)
K-DALI-PS2	DALI PS2 (ceiling recessed)



DALI



DALI

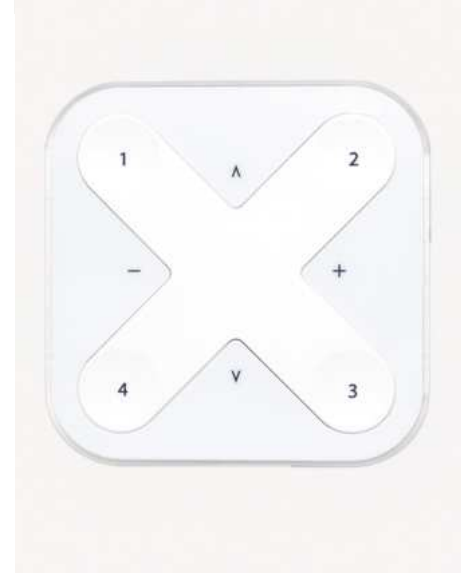
Dimensions L x B x H

PS2	120 mm x 33 mm x 22 mm
PS	98 mm x 17 mm x 56 mm

CASAMBI

Xpress wall control with four buttons

- Wireless user interface, configurable via the Casambi App
- ON/OFF (standby) switching of luminaires
- Continuous control of brightness (1-100%), color flow and color temperature (1.800-16.000K) in 25 Kelvin increments
- Control of individual luminaires and groups of luminaires
- Separate control of in/direct light components
- Implementation of multiple automatic brightness and color sequences
- Network setup and reset



Technical Data

Dimensions	90 x 90 x 12 mm
Range	up to 60 m
Battery	CR 2430 lithium button cell
Battery lifetime	2-5 years (depending on usage)
Housing color	black or white
Installation	attached to mounting plate using magnets

Article number	Module
K-CSXP-W	Casambi XPress white
K-CSXP-B	Casambi XPress black



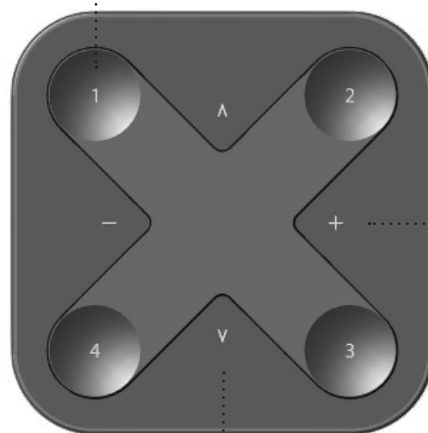
CASAMBI

Preset buttons

Buttons 1 | 2 | 3 | 4

Lighting control

Scenes | animations retrieve



Dimmer buttons

Buttons + | -

Continuous dimming of the last selected preset button

Multifunction buttons

Buttons ^ | v

Change the color temperature in 25 Kelvin increments

Change the in/direct lighting conditions



ORDER DATA

Control and operation

Article number	Product	
K-Z1000079-0		Universal touch dimmer for K-SPOT CALIDUS GIRA System 2000
K-Z1000079-1		Cover for universal touch dimmer / alpinwhite GIRA System 2000
K-Z1000054		Rocker switch 10AX / 250VAC 506U
K-Z1000053		Rocker switch central plate JUNG AS500-Series AS591 WW alpinwhite
K-Z1000050		Frame single JUNG AS500-Series AS581 WW alpinwhite
K-Z1000052		Frame double JUNG AS500-Series AS582 WW alpinwhite

KITEO RE-FIT

Grid luminaires



Plug&Play

Simple mounting with magnetic clips - average conversion time 8-12 min.



Top color rendering

And excellent viewing comfort thanks to CRI92.



Sustainability

The existing luminaire housing can remain. No structural measures on the ceiling required.



Certified LED luminaire

Flawless product situation in terms of standards, liability and warranty.



IP54

Protection of luminaire.



Subsidies

Criteria >120lm/W, CRI and ENEC certification are fulfilled.

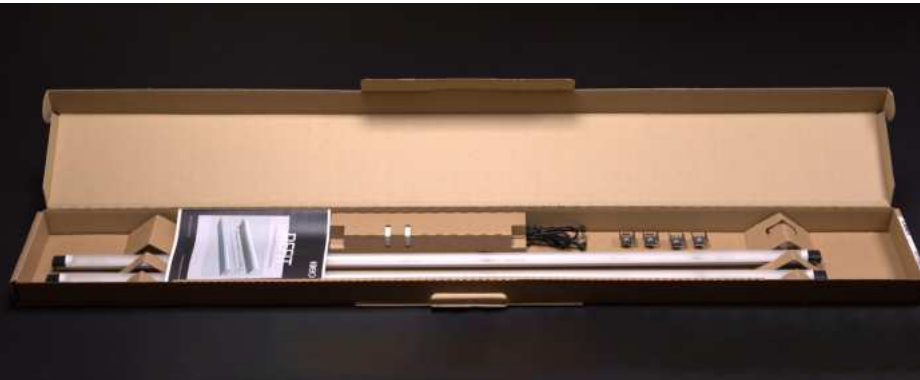
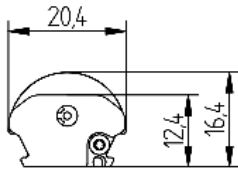
PERFECT FOR THE FOLLOWING PROJECTS



KITEO RE-FIT

Grid luminaires

TECHNICAL DATA	Light source	LED Modul
	Output	6 W – 28 W
	Luminous flux	820 lm – 3.970 lm
	Light color	4.000 K
	Color rendering index	> 90
	Protection type	IP 54
	Lifetime	L80/B10 70.000h
	Certification	CE ENEC UL
	Operating voltage	230 VAC
	Control system	Switchable
	Protection class	III



- Highly efficient lighting solution up to 180 lm/W.
- Energy savings of up to 70 % compared to a fluorescent tube and 30 % compared to an LED tube.
- Symmetrical 120° radiation.
- Continued use of the existing luminaire housing - no structural measures necessary.
- Fully certified luminaire - ENEC, CE, UL etc.
- Flicker-free, eligible and ready-to-connect lighting solution.
- Installation using 0° magnetic brackets - 2 magnetic clips per RE-FIT luminaire.
- DALI and other light colors on request.



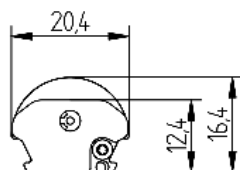
Article number	1-light luminaire	Replaces
K-RE-FIT-4000001	KITEO RE-FIT LUMINAIRE / 1x LED / 562mm / 6W / 60mA / 4000K / BG18W / ON/OFF	T8 / 600mm / 18W
K-RE-FIT-4000002	KITEO RE-FIT LUMINAIRE / 1x LED / 1170mm / 13W / 60mA / 4000K / BG 18W / ON/OFF	T8 / 1200mm / 36W
K-RE-FIT-4000003	KITEO RE-FIT LUMINAIRE / 1x LED / 1450mm / 22W / 80mA / 4000K / BG 35W / ON/OFF	T8 / 1500mm / 58W
K-RE-FIT-4000004	KITEO RE-FIT LUMINAIRE / 1x LED / 516mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	T5 HE / 550mm / 14W
K-RE-FIT-4000005	KITEO RE-FIT LUMINAIRE / 1x LED / 843mm / 8W / 50mA / 4000K / BG 18W / ON/OFF	T5 HE / 850mm / 21W
K-RE-FIT-4000006	KITEO RE-FIT LUMINAIRE / 1x LED / 1124mm / 13W / 60mA / 4000K / BG 18W / ON/OFF	T5 HE / 1150mm / 28W
K-RE-FIT-4000007	KITEO RE-FIT LUMINAIRE / 1x LED / 1450mm / 13W / 50mA / 4000K / BG 18W / ON/OFF	T5 HE / 1450mm / 35W
K-RE-FIT-4000008	KITEO RE-FIT LUMINAIRE / 1x LED / 516mm / 7W / 80mA / 4000K / BG 18W / ON/OFF	T5 HO / 550mm / 24W
K-RE-FIT-4000009	KITEO RE-FIT LUMINAIRE / 1x LED / 843mm / 12W / 80mA / 4000K / BG 18W / ON/OFF	T5 HO / 850mm / 39W
K-RE-FIT-4000010	KITEO RE-FIT LUMINAIRE / 1x LED / 1450mm / 18W / 70mA / 4000K / BG 18W / ON/OFF	T5 HO / 450mm / 49W
K-RE-FIT-4000011	KITEO RE-FIT LUMINAIRE / 1x LED / 1124mm / 21W / 100mA / 4000K / BG 35W / ON/OFF	T5 HO / 1150mm / 54W
K-RE-FIT-4000012	KITEO RE-FIT LUMINAIRE / 1x LED / 1450mm / 28W / 100mA / 4000K / BG 35W / ON/OFF	T5 HO / 1450mm / 80W
K-RE-FIT-4000013	KITEO RE-FIT LUMINAIRE / 1x LED / 516mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	T5 HE ECO / 550mm / 13W
K-RE-FIT-4000014	KITEO RE-FIT LUMINAIRE / 1x LED / 1124mm / 13W / 60mA / 4000K / BG 18W / ON/OFF	T5 HE ECO / 1150mm / 25W
K-RE-FIT-4000015	KITEO RE-FIT LUMINAIRE / 1x LED / 1450mm / 13W / 50mA / 4000K / BG 18W / ON/OFF	T5 HE ECO / 1450mm / 32W
K-RE-FIT-4000016	KITEO RE-FIT LUMINAIRE / 1x LED / 516mm / 7W / 80mA / 4000K / BG 18W / ON/OFF	T5 HO ECO / 550mm / 20W
K-RE-FIT-4000017	KITEO RE-FIT LUMINAIRE / 1x LED / 1450mm / 18W / 70mA / 4000K / BG 18W / ON/OFF	T5 HO ECO / 1450mm / 45W
K-RE-FIT-4000018	KITEO RE-FIT LUMINAIRE / 1x LED / 1124mm / 21W / 100mA / 4000K / BG 35W / ON/OFF	T5 HO ECO / 1150mm / 50W
K-RE-FIT-4000019	KITEO RE-FIT LUMINAIRE / 1x LED / 1450mm / 28W / 100mA / 4000K / BG 35W / ON/OFF	T5 HO ECO / 1450mm / 73W



KITEO RE-FIT

Grid luminaires

TECHNICAL DATA	Light source	LED Modul
	Output	6 W – 28 W
	Luminous flux	820 lm – 3.970 lm
	Light color	4.000 K
	Color rendering index	> 90
	Protection type	IP 54
	Lifetime	L80/B10 70.000h
	Certification	CE ENEC UL
	Operating voltage	230 VAC
	Control system	Switchable
	Protection class	III



Article number	2-light luminaire	Replaces
K-RE-FIT-4000020	KITEO RE-FIT LUMINAIRE / 2x LED / 562mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	2x T8 / 600mm / 18W
K-RE-FIT-4000021	KITEO RE-FIT LUMINAIRE / 2x LED / 1170mm / 14W / 60mA / 4000K / BG 35W / ON/OFF	2x T8 / 1200mm / 36W
K-RE-FIT-4000022	KITEO RE-FIT LUMINAIRE / 2x LED / 1450mm / 21W / 80mA / 4000K / BG 60W / ON/OFF	2x T8 / 1500mm / 58W
K-RE-FIT-4000023	KITEO RE-FIT LUMINAIRE / 2x LED / 516mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	2x T5 HE / 550mm / 14W
K-RE-FIT-4000024	KITEO RE-FIT LUMINAIRE / 2x LED / 843mm / 8W / 50mA / 4000K / BG 18W / ON/OFF	2x T5 HE / 850mm / 21W
K-RE-FIT-4000025	KITEO RE-FIT LUMINAIRE / 2x LED / 1124mm / 13W / 60mA / 4000K / BG 35W / ON/OFF	2x T5 HE / 1150mm / 28W
K-RE-FIT-4000026	KITEO RE-FIT LUMINAIRE / 2x LED / 1450mm / 14W / 50mA / 4000K / BG 35W / ON/OFF	2x T5 HE / 1450mm / 35W
K-RE-FIT-4000027	KITEO RE-FIT LUMINAIRE / 2x LED / 516mm / 7W / 80mA / 4000K / BG 18W / ON/OFF	2x T5 HO / 550mm / 24W
K-RE-FIT-4000028	KITEO RE-FIT LUMINAIRE / 2x LED / 843mm / 12W / 80mA / 4000K / BG 35W / ON/OFF	2x T5 HO / 850mm / 39W
K-RE-FIT-4000029	KITEO RE-FIT LUMINAIRE / 2x LED / 1450mm / 18W / 70mA / 4000K / BG 35W / ON/OFF	2x T5 HO / 1450mm / 49W
K-RE-FIT-4000030	KITEO RE-FIT LUMINAIRE / 2x LED / 1124mm / 20W / 100mA / 4000K / BG 60W / ON/OFF	2x T5 HO / 1150mm / 54W
K-RE-FIT-4000031	KITEO RE-FIT LUMINAIRE / 2x LED / 1450mm / 26W / 100mA / 4000K / BG 60W / ON/OFF	2x T5 HO / 1450mm / 80W
K-RE-FIT-4000032	KITEO RE-FIT LUMINAIRE / 2x LED / 516mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	2x T5 HE ECO / 550mm / 13W
K-RE-FIT-4000033	KITEO RE-FIT LUMINAIRE / 2x LED / 1124mm / 13W / 60mA / 4000K / BG 35W / ON/OFF	2x T5 HE ECO / 1150mm / 25W
K-RE-FIT-4000034	KITEO RE-FIT LUMINAIRE / 2x LED / 1450mm / 14W / 50mA / 4000K / BG 35W / ON/OFF	2x T5 HE ECO / 1450mm / 32W
K-RE-FIT-4000035	KITEO RE-FIT LUMINAIRE / 2x LED / 516mm / 7W / 80mA / 4000K / BG 18W / ON/OFF	2x T5 HO ECO / 550mm / 20W
K-RE-FIT-4000036	KITEO RE-FIT LUMINAIRE / 2x LED / 1450mm / 18W / 70mA / 4000K / BG 35W / ON/OFF	2x T5 HO ECO / 1450mm / 45W
K-RE-FIT-4000037	KITEO RE-FIT LUMINAIRE / 2x LED / 1124mm / 20W / 100mA / 4000K / BG 60W / ON/OFF	2x T5 HO ECO / 1150mm / 50W
K-RE-FIT-4000038	KITEO RE-FIT LUMINAIRE / 2x LED / 1450mm / 26W / 100mA / 4000K / BG 60W / ON/OFF	2x T5 HO ECO / 1450mm / 73W

Article number	3-light luminaire	Replaces
K-RE-FIT-4000039	KITEO RE-FIT LUMINAIRE / 3x LED / 562mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	3x T8 / 600mm / 18W
K-RE-FIT-4000040	KITEO RE-FIT LUMINAIRE / 3x LED / 516mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	3x T5 HE / 550mm / 14W
K-RE-FIT-4000041	KITEO RE-FIT LUMINAIRE / 3x LED / 516mm / 7W / 80mA / 4000K / BG 35W / ON/OFF	3x T5 HO / 550mm / 24W
K-RE-FIT-4000042	KITEO RE-FIT LUMINAIRE / 3x LED / 516mm / 6W / 60mA / 4000K / BG 18W / ON/OFF	3x T5 HE ECO / 550mm / 13W
K-RE-FIT-4000043	KITEO RE-FIT LUMINAIRE / 3x LED / 516mm / 7W / 80mA / 4000K / BG 35W / ON/OFF	3x T5 HO ECO / 550mm / 20W

Article number	4-light luminaire	Replaces
K-RE-FIT-4000045	KITEO RE-FIT LUMINAIRE / 4x LED / 562mm / 6W / 60mA / 4000K / BG 35W / ON/OFF	4x T8 / 600mm / 18W
K-RE-FIT-4000046	KITEO RE-FIT LUMINAIRE / 4x LED / 516mm / 6W / 60mA / 4000K / BG 35W / ON/OFF	4x T5 HE / 550mm / 14W
K-RE-FIT-4000047	KITEO RE-FIT LUMINAIRE / 4x LED / 516mm / 7W / 80mA / 4000K / BG 35W / ON/OFF	4x T5 HO / 550mm / 24W
K-RE-FIT-4000048	KITEO RE-FIT LUMINAIRE / 4x LED / 516mm / 6W / 60mA / 4000K / BG 35W / ON/OFF	4x T5 HE ECO / 550mm / 13W

KITEO RE-FIT

Profile Luminaires



Sustainability

The existing luminaire housing can remain. No structural measures on the ceiling required.



Top color rendering

And excellent viewing comfort thanks to CRI92.



Certified LED luminaire

Flawless product situation in terms of standards, liability and warranty.



IP54

Protection of luminaire.



1 tree's worth of CO2 per luminaire

12.5 kg CO2 corresponds to the average amount of CO2 captured by a beech tree each year. Each luminaire replaced by KITEO can therefore save as much CO2 as 1 tree would capture in the same time.

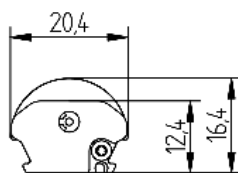
PERFECT FOR THE FOLLOWING PROJECTS



KITEO RE-FIT

Profile Luminaire

TECHNICAL DATA	Light source	LED Modul
	Output	18 W – 28 W
	Luminous flux	820 lm – 3.970 lm
	Light color	4.000 K
	Color rendering index	> 90
	Protection type	IP 54
	Lifetime	L80/B10 70.000h
	Certification	CE ENEC UL
	Operating voltage	230 VAC
	Control system	Switchable
	Protection class	III



- Highly efficient lighting solution up to 180 lm/W.
- Energy savings of up to 70 % compared to a fluorescent tube and 30 % compared to an LED tube.
- Symmetrical 120° radiation.
- Continued use of the existing luminaire housing - no structural measures necessary.
- Fully certified luminaire - ENEC, CE, UL etc.
- Flicker-free, eligible and ready-to-connect lighting solution.
- 2-, 3- and 4-lamp RE-FIT sets available.
- Installation using 0° magnetic brackets.
- DALI and other light colors on request.



We will be happy to develop your customized solution from our versatile modular system.
Please contact us at:

Tel. +43 1 907 24 10 0
Mail info@kiteo.eu



PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	30 W
	Luminous flux	4.040 lm – 4.460 lm
	Light color temperature	3.000 K 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Recessed luminaire

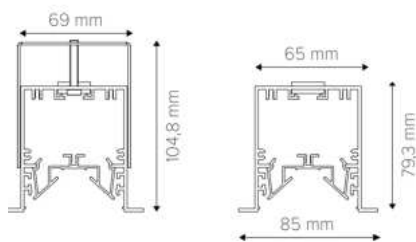
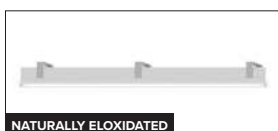
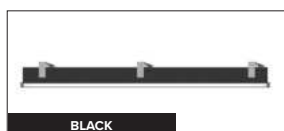
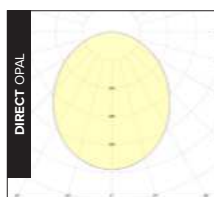
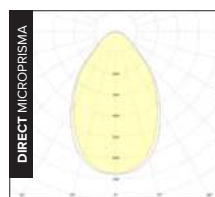
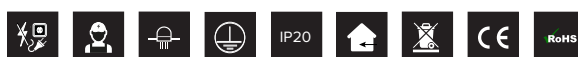


Illustration including mounting bracket.

Ceiling cut-out = luminaire length + 2 mm, width 71 mm, height min. 105 mm



- Luminous angle sections with side length 603 mm available on request.
- Alternative luminaire lengths available on request.
- Linear lighting applications possible.
- DALI available on request.



Article number	Luminaire
K-HORIZON-FW3EB-001-03	K-Horizon 3000K 1129mm / Recessed / 30W / 4000lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW3EB-002-03	K-Horizon 3000K 1129mm / Recessed / 30W / 4330lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW3EB-003-03	K-Horizon 3000K 1129mm / Recessed / 30W / 4000lm / non dim / MP-DI / black
K-HORIZON-FW3EB-004-03	K-Horizon 3000K 1129mm / Recessed / 30W / 4330lm / non dim / OP-DI / black
K-HORIZON-FW4EB-001-03	K-Horizon 4000K 1129mm / Recessed / 30W / 4040lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW4EB-002-03	K-Horizon 4000K 1129mm / Recessed / 30W / 4460lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW4EB-003-03	K-Horizon 4000K 1129mm / Recessed / 30W / 4040lm / non dim / MP-DI / black
K-HORIZON-FW4EB-004-03	K-Horizon 4000K 1129mm / Recessed / 30W / 4460lm / non dim / OP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	15 W
	Luminous flux	1.950 lm
	Light color temperature	3.000 K 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Recessed luminaire

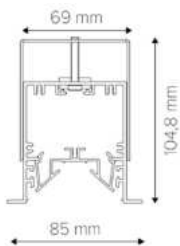
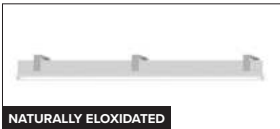
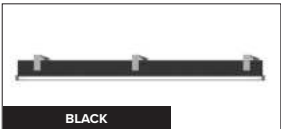
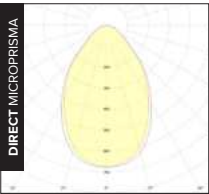


Illustration including mounting bracket.
Ceiling cut-out = luminaire length + 2 mm, width 71 mm, height min. 105 mm



- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- DALI available on request.



White
RAL 9003



Black
RAL 9005



Naturally
eloxided



Article number	Luminaire
K-HORIZON-FW3EB-U-0001	K-Horizon UGR 3000K 1129mm / Recessed / 15W / 1950lm / non dim / MP-DI / naturally eloxided
K-HORIZON-FW3EB-U-0002	K-Horizon UGR 3000K 1129mm / Recessed / 15W / 1950lm / non dim / MP-DI / black
K-HORIZON-FW4EB-U-0001	K-Horizon UGR 4000K 1129mm / Recessed / 15W / 1950lm / non dim / MP-DI / naturally eloxided
K-HORIZON-FW4EB-U-0002	K-Horizon UGR 4000K 1129mm / Recessed / 15W / 1950lm / non dim / MP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR+GRID

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	20,8 W
	Luminous flux	2.450 lm
	Light color temperature	3.000 K 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Recessed luminaire

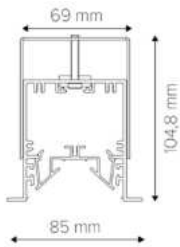
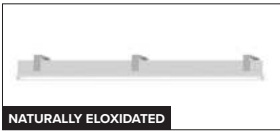
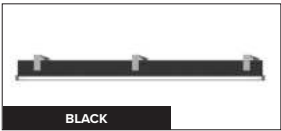
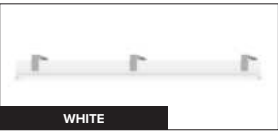
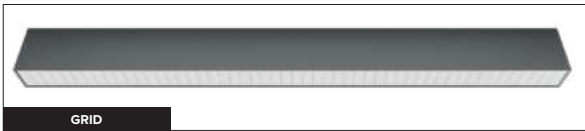
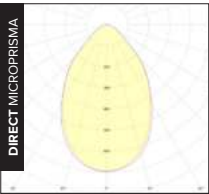


Illustration including mounting bracket.
Ceiling cut-out = luminaire length + 2 mm, width 71 mm, height min. 105 mm



- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- DALI available on request.



White
RAL 9003



Black
RAL 9005



Naturally
eloxided



Article number	Luminaire
K-HORIZON-FW3EB-UR-0001	K-Horizon UGR+Grid 3000K 1129mm / Recessed / 20,8W / 2450lm / non dim / MP-DI / naturally eloxided
K-HORIZON-FW3EB-UR-0002	K-Horizon UGR+Grid 3000K 1129mm / Recessed / 20,8W / 2450lm / non dim / MP-DI / black
K-HORIZON-FW4EB-UR-0001	K-Horizon UGR+Grid 4000K 1129mm / Recessed / 20,8W / 2450lm / non dim / MP-DI / naturally eloxided
K-HORIZON-FW4EB-UR-0002	K-Horizon UGR+Grid 4000K 1129mm / Recessed / 20,8W / 2450lm / non dim / MP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



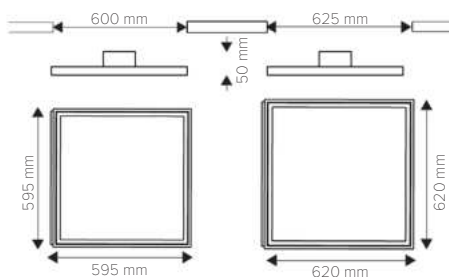
PERFECT FOR THE FOLLOWING PROJECTS



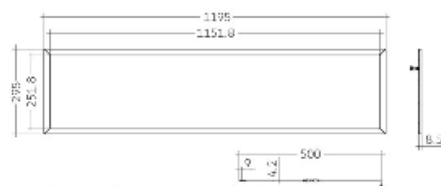
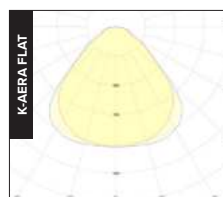
K-AERA FLAT

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	29 W
	Luminous flux	3.800 lm
	Light color	3.000 K 4.000 K
	Color rendering index	> 80
	Protection type	IP 20
	Lifetime	L80/B10 70.000h
	Certification	CE RoHS Conformity
	Weight	4,1 kg
	Operating voltage	230 VAC
	Control system	no dim
	Protection class	II
	Mounting	Recessed

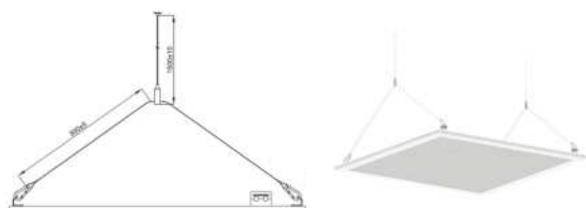


When using the installation frame, a minimum installation depth of 200 mm is required. Ceiling cut-out 635 mm.
Minimum installation depth of 100 mm when used as a recessed luminaire.



Luminaire dimensions 1195 x 295 mm

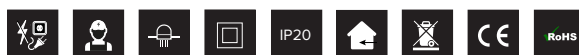
Wire suspension for pendant version



- Ideal for large-area interior lighting.
- Microprismatic optics.
- Uniform light distribution and mixing.
- Available in various fixed white color temperatures and luminous flux levels as well as in different dimensions.
- Size according to standard louvre dimensions.
- Optimum conditions for VDU workstations UGR < 19.
- DALI available on request.



White
RAL 9003



Article number	Luminaire	Article number	Equipment
K-QEDT-625-FW3000-V02	K-Aera Flat 3000K 625x625mm / 29W / 3800lm	LTZ-1751-00-04	built-in frame 595x595x92mm K-AERA FLAT
K-QEDT-625-FW4000-V02	K-Aera Flat 4000K 625x625mm / 29W / 3800lm	LTZ-1751-00-05	built-in frame 620x620x90mm K-AERA FLAT
K-QEDT-595-FW3000-V02	K-Aera Flat 3000K 595x595mm / 29W / 3800lm	LTZ-1751-00-07	Wire suspension K-AERA FLAT FW
K-QEDT-595-FW4000-V02	K-Aera Flat 4000K 595x595mm / 29W / 3800lm	LTZ-1751-00-04	built-on frame 595x595x60mm K-AERA FLAT
K-QEDT-1195-FW3000-V02	K-Aera Flat 3000K 1195x295mm / 29W / 3800lm	LTZ-1751-00-05	built-on frame 620x620x60mm K-AERA FLAT
K-QEDT-1195-FW4000-V02	K-Aera Flat 4000K 1195x295mm / 29W / 3800lm		

i The grid dimensions 600 x 600 mm and other color temperatures are available on request.
Accessories for alternative mounting methods (wire suspension, surface-mounted frame) are available on request.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C13	C16	B13	B16
Quantity of luminaires	53	59	36	44



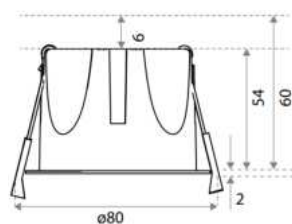
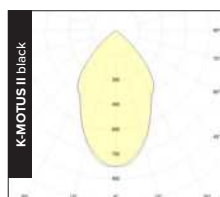
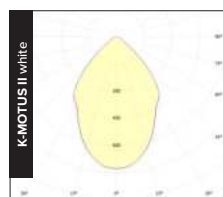
PERFECT FOR THE FOLLOWING PROJECTS



K-MOTUS II

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	13,8 W
	Luminous flux	1.250 lm 1.350 lm
	Light color	3.000 K 4.000 K
	Color rendering index	97
	Protection type	IP 20 IP 44
	Lifetime	L80/B10 60.500h
	Certification	CE RoHs Conformity
	Weight	0,4 kg
	Operating voltage	230 VAC
	Control system	no dim
	Protection class	II
	Mounting	Recessed



Ceiling cut-out 68 mm



- The luminaire housing is available in white or black.
- The decorative ring is available in white, silver, black or gold.
- Compact design with low installation depth.
- Soft light mixture and uniform light distribution.
- Beam angle 24° | 60° | 80°
- Ceiling cut-out: 68 mm
- Available in Dali, Casambi, 1-10 V & Push on request.



White
RAL 9016



Black
RAL 9005



Article number	Luminaire
K-MOII-R-3000-01-WHWH	K-Motus-II Recessed / 3000K / 13,8W / 1250lm / 24° / white
K-MOII-R-3000-02-WHWH	K-Motus-II Recessed / 3000K / 13,8W / 1250lm / 60° / white
K-MOII-R-3000-03-WHWH	K-Motus-II Recessed / 3000K / 13,8W / 1250lm / 80° / white
K-MOII-R-3000-01-BLBL	K-Motus-II Recessed / 3000K / 13,8W / 1250lm / 24° / black
K-MOII-R-3000-02-BLBL	K-Motus-II Recessed / 3000K / 13,8W / 1250lm / 60° / black
K-MOII-R-3000-03-BLBL	K-Motus-II Recessed / 3000K / 13,8W / 1250lm / 80° / black
K-MOII-R-4000-01-WHWH	K-Motus-II Recessed / 4000K / 13,8W / 1350lm / 24° / white
K-MOII-R-4000-02-WHWH	K-Motus-II Recessed / 4000K / 13,8W / 1350lm / 60° / white
K-MOII-R-4000-03-WHWH	K-Motus-II Recessed / 4000K / 13,8W / 1350lm / 80° / white
K-MOII-R-4000-01-BLBL	K-Motus-II Recessed / 4000K / 13,8W / 1350lm / 24° / black
K-MOII-R-4000-02-BLBL	K-Motus-II Recessed / 4000K / 13,8W / 1350lm / 60° / black
K-MOII-R-4000-03-BLBL	K-Motus-II Recessed / 4000K / 13,8W / 1350lm / 80° / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C16	B16
Quantity of luminaires	80	50



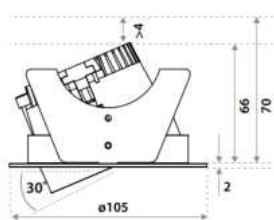
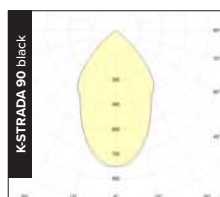
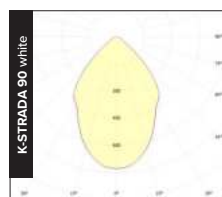
PERFECT FOR THE FOLLOWING PROJECTS



K-STRADA 90

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	13,8 W
	Luminous flux	1.250 lm 1.350 lm
	Light color	3.000 K 4.000 K
	Color rendering index	97
	Protection type	IP 20
	Lifetime	L80/B10 60.500h
	Certification	CE RoHs Conformity
	Weight	0,5 kg
	Operating voltage	220 V – 240 V
	Control system	no dim
	Protection class	II
	Mounting	Recessed



Ceiling cut-out 92 mm



- The luminaire housing is available in white or black.
- The reflector is available in white, silver, black or gold.
- Compact design with low installation depth.
- Soft light mixture and uniform light distribution.
- Beam angle: 24° | 60° | 80°
- Available in Dali, Casambi, 1-10 V & Push on request.



White
RAL 9016



Black
RAL 9005



Article number	Luminaire
K-STRADA-90-3000-0001-WHWH	K-Strada 90 Recessed / 3000 K / 13,8W / 1250lm / 24° / white
K-STRADA-90-3000-0002-WHWH	K-Strada 90 Recessed / 3000 K / 13,8W / 1250lm / 60° / white
K-STRADA-90-3000-0003-WHWH	K-Strada 90 Recessed / 3000 K / 13,8W / 1250lm / 80° / white
K-STRADA-90-3000-0001-BLBL	K-Strada 90 Recessed / 3000 K / 13,8W / 1250lm / 24° / black
K-STRADA-90-3000-0002-BLBL	K-Strada 90 Recessed / 3000 K / 13,8W / 1250lm / 60° / black
K-STRADA-90-3000-0003-BLBL	K-Strada 90 Recessed / 3000 K / 13,8W / 1250lm / 80° / black
K-STRADA-90-4000-0001-WHWH	K-Strada 90 Recessed / 4000 K / 13,8W / 1250lm / 24° / white
K-STRADA-90-4000-0002-WHWH	K-Strada 90 Recessed / 4000 K / 13,8W / 1250lm / 60° / white
K-STRADA-90-4000-0003-WHWH	K-Strada 90 Recessed / 4000 K / 13,8W / 1250lm / 80° / white
K-STRADA-90-4000-0001-BLBL	K-Strada 90 Recessed / 4000 K / 13,8W / 1250lm / 24° / black
K-STRADA-90-4000-0002-BLBL	K-Strada 90 Recessed / 4000 K / 13,8W / 1250lm / 60° / black
K-STRADA-90-4000-0003-BLBL	K-Strada 90 Recessed / 4000 K / 13,8W / 1250lm / 80° / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C16	B16
Quantity of luminaires	80	50



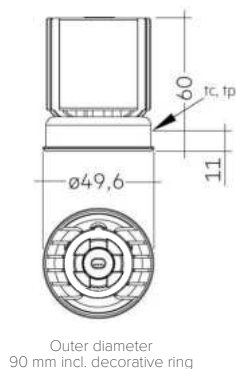
PERFECT FOR THE FOLLOWING PROJECTS



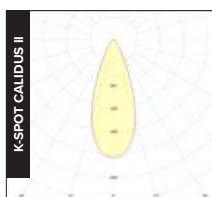
K-SPOT CALIDUS II

Fixed White

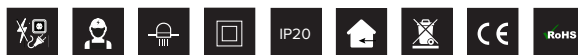
TECHNICAL DATA	Light source	LED Modul
	Output	12 W
	Luminous flux	1.500 lm
	Light color	3.000 K
	Color rendering index	92
	Protection type	IP 20
	Dimming range	5 % – 100 % (phase section) 1 % – 100 % (DALI)
	Lifetime	L70/B50 50.000h
	Certification	CE I RoHs Conformity
	Weight	0,2 kg
	Operating voltage	230 VAC
	Control system	no dim
	Protection class	II
	Mounting	Recessed



ECG is located outside the luminaire.
(Ø15 x 51 x 29.5 mm PA dimming, 130 x 43 x 30 mm
DALI dimming)



- Efficient replacement for existing focal points with halogen or discharge lamp technology indoors.
- Integrated heat sink and faceted optics.
- Soft light mixing and uniform light distribution.
- Small size and shallow installation depths thanks to compact design.
- Glare-reduced reflector.
- High colorimetric accuracy MacAdam 3 and high color rendering index CRI 92.
- Optimum conditions for VDU workstations UGR < 19.
- Ceiling cut-out: 68 mm
- Available in chrome on request.



Article number	Luminaire
K-DL3000A36-V1	K-Spot Calidus II Recessed / 3000K / 1500lm / dimmable (PA) / 36° / white
K-DL3000A36-V1-DA	K-Spot Calidus II Recessed / 3000K / 1500lm / dimmable (DALI) / 36° / white
K-DL3000A36-SW-V1	K-Spot Calidus II Recessed / 3000K / 1500lm / dimmable (PA) / 36° / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

K-SPOT CALIDUS II, dimmable via phase section

Type of breaker circuit	C10	C13	C16	C20	B10	B13	B16	B20
Cable cross section (mm²)	1,5	1,5	1,5	2,5	1,5	1,5	1,5	2,5
Quantity of luminaires	7	98	120	150	75	98	120	150

K-SPOT CALIDUS II, dimmable via DALI

Type of breaker circuit	C10	C13	C16	C20	B10	B13	B16	B20
Cable cross section (mm²)	1,5	1,5	2,5	4	1,5	1,5	2,5	4
Quantity of luminaires	40	56	64	80	21	28	35	44



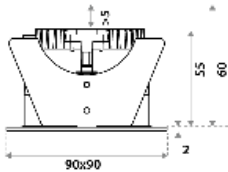
PERFECT FOR THE FOLLOWING PROJECTS



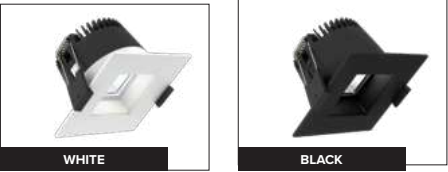
K-FABIUS

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	12,9 W
	Luminous flux	1.250 lm 1.350 lm
	Light color	3.000 K 4.000 K
	Color rendering index	97
	Protection type	IP 20 IP 65
	Lifetime	L80/B10 60.500h
	Certification	CE RoHs Conformity
	Weight	0,9 kg
	Operating voltage	220 V – 240 V
	Control System	no dim
	Protection class	II
	Mounting	Recessed



Ceiling cut-out 77 mm



- The luminaire housing is available in white or black.
- Beam angle: 60° | 80°
- Available in Dali, Casambj, 1-10 V & Push on request.



Article number	Luminaire
K-FABIUS-3000-001-WH	K-Fabius Recessed / 3000K / 12,9W / 1.250lm / 60° / white
K-FABIUS-3000-002-WH	K-Fabius Recessed / 3000K / 12,9W / 1.250lm / 80° / white
K-FABIUS-3000-001-BL	K-Fabius Recessed / 3000K / 12,9W / 1.250lm / 60° / black
K-FABIUS-3000-002-BL	K-Fabius Recessed / 3000K / 12,9W / 1.250lm / 80° / black
K-FABIUS-4000-001-WH	K-Fabius Recessed / 4000K / 12,9W / 1.350lm / 60° / white
K-FABIUS-4000-002-WH	K-Fabius Recessed / 4000K / 12,9W / 1.350lm / 80° / white
K-FABIUS-4000-001-BL	K-Fabius Recessed / 4000K / 12,9W / 1.350lm / 60° / black
K-FABIUS-4000-002-BL	K-Fabius Recessed / 4000K / 12,9W / 1.350lm / 80° / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16
Quantity of luminaires	50



ЕКМЕКО

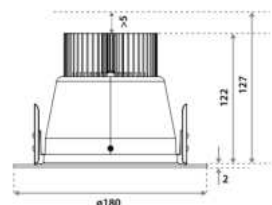
PERFECT FOR THE FOLLOWING PROJECTS



K-LINEA 150

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	28 W
	Luminous flux	3.575 lm 3.650 lm
	Light color	3.000 K 4.000 K
	Color rendering index	82
	Protection type	IP 20 IP 44
	Lifetime	L80/B10 60.500h
	Certification	CE RoHS Conformity
	Weight	1,7 kg
	Operating voltage	220 V – 240 V
	Control system	no dim
	Protection class	I
	Mounting	Recessed



Ceiling cut-out 150 - 165 mm



- The luminaire housing is available in white or black.
- Further watts and lumens available on request.
- Beam angle: 45° | 65°
- Available in Dali, Casambi, 1-10 V & Push on request.



White
RAL 9016



Black
RAL 9005



Article number	Luminaire
K-LINEA-150-3000-0001-WH	K-Linea 150 Recessed / 3000K / 28W / 3575lm / 700mA / 45° / white
K-LINEA-150-3000-0002-WH	K-Linea 150 Recessed / 3000K / 28W / 3575lm / 700mA / 65° / white
K-LINEA-150-3000-0003-BL	K-Linea 150 Recessed / 3000K / 28W / 3575lm / 700mA / 45° / black
K-LINEA-150-3000-0004-BL	K-Linea 150 Recessed / 3000K / 28W / 3575lm / 700mA / 65° / black
K-LINEA-150-4000-0001-WH	K-Linea 150 Recessed / 4000K / 28W / 3650lm / 700mA / 45° / white
K-LINEA-150-4000-0002-WH	K-Linea 150 Recessed / 4000K / 28W / 3650lm / 700mA / 65° / white
K-LINEA-150-4000-0003-BL	K-Linea 150 Recessed / 4000K / 28W / 3650lm / 700mA / 45° / black
K-LINEA-150-4000-0004-BL	K-Linea 150 Recessed / 4000K / 28W / 3650lm / 700mA / 65° / black

Article number	Equipment
LTZ-1758-00-01-V01	Laminating ring ID=150mm AD=230mm white

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16
Quantity of luminaires	50



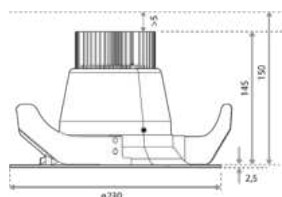
PERFECT FOR THE FOLLOWING PROJECTS



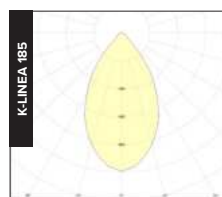
K-LINEA 185

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	13,1 W 19,4 W 28 W
	Luminous flux	1.850 lm – 3.650 lm
	Light color	3.000 K 4.000 K
	Color rendering index	82
	Protection type	IP 20 IP 44
	Lifetime	L80/B10 60.500h
	Certification	CE RoHS Conformity
	Weight	0,9 kg
	Operating voltage	220 V – 240 V
	Control system	no dim
	Protection class	II
	Mounting	Recessed



Ceiling cut-out 180 - 210 mm



E

- The luminaire housing is available in white or black.
- ENEC-approved driver.
- Beam angle: 24° | 45° | 65°
- Available in Dali, Casambi, 1-10 V & Push on request.



Article number	Luminaire
K-LINEA-185-3000-350-01-WH	K-Linea 185 Recessed / 3000 K / 13,1W / 1850lm / 350mA / 65° / white
K-LINEA-185-3000-500-01-WH	K-Linea 185 Recessed / 3000 K / 19,4W / 2525lm / 500mA / 65° / white
K-LINEA-185-3000-650-01-WH	K-Linea 185 Recessed / 3000 K / 28W / 3575lm / 650mA / 65° / white
K-LINEA-185-3000-350-01-BL	K-Linea 185 Recessed / 3000 K / 13,1W / 1850lm / 350mA / 65° / black
K-LINEA-185-3000-500-01-BL	K-Linea 185 Recessed / 3000 K / 19,4W / 2525lm / 500mA / 65° / black
K-LINEA-185-3000-650-01-BL	K-Linea 185 Recessed / 3000 K / 28W / 3575lm / 650mA / 65° / black
K-LINEA-185-4000-350-01-WH	K-Linea 185 Recessed / 4000 K / 13,1W / 1900lm / 350mA / 65° / white
K-LINEA-185-4000-500-01-WH	K-Linea 185 Recessed / 4000 K / 19,4W / 2600lm / 500mA / 65° / white
K-LINEA-185-4000-650-01-WH	K-Linea 185 Recessed / 4000 K / 28W / 3650lm / 650mA / 65° / white
K-LINEA-185-4000-350-01-BL	K-Linea 185 Recessed / 4000 K / 13,1W / 1900lm / 350mA / 65° / black
K-LINEA-185-4000-500-01-BL	K-Linea 185 Recessed / 4000 K / 19,4W / 2600lm / 500mA / 65° / black
K-LINEA-185-4000-650-01-BL	K-Linea 185 Recessed / 4000 K / 28W / 3650lm / 650mA / 65° / black
Article number	Equipment
LTZ-1758-00-00-V01	Laminating ring ID=185mm AD=290mm white

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16
Quantity of luminaires	50



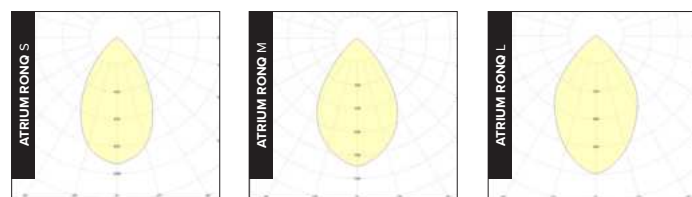
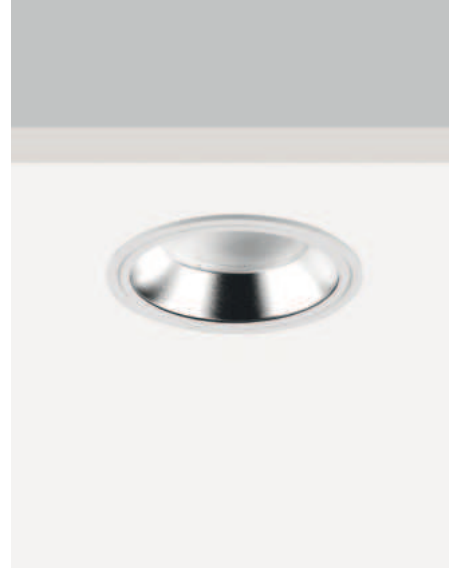
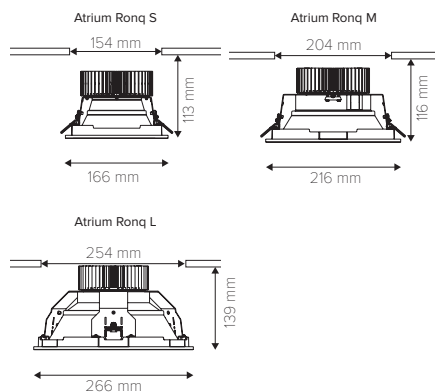
PERFECT FOR THE FOLLOWING PROJECTS



ATRIUM RONQ

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	19 W 24 W 33 W
	Luminous flux	2.150 lm 2.750 lm 3.800 lm
	Light color	3.000 K 4.000 K
	Color rendering index	> 80
	Protection type	IP 20 IP 40 IP 54
	Control system	no dim
	Lifetime	L80/B10 50.000h
	Certification	CE RoHS Conformity
	Weight	0,8 kg 0,9 kg 1,3 kg
	Operating voltage	230 VAC
	Protection class	II
	Mounting	Recessed



- Classic, round downlight.
- Soft light mixture and uniform light distribution.
- Matt reflector with diffuser.
- Three different recessed sizes available.
- DALI available on request.



Article number	Luminaire
AR-3000-0001	Atrium Ronq S Recessed / 3000K / 19W / 2150lm / IP20 / white
AR-4000-0001	Atrium Ronq S Recessed / 4000K / 19W / 2250lm / IP20 / white
AR-3000-0002	Atrium Ronq M Recessed / 3000K / 24W / 2750lm / IP20 / white
AR-4000-0002	Atrium Ronq M Recessed / 4000K / 24W / 2850lm / IP20 / white
AR-3000-0003	Atrium Ronq L Recessed / 3000K / 33W / 3800lm / IP20 / white
AR-4000-0003	Atrium Ronq L Recessed / 4000K / 33W / 4000lm / IP20 / white

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16
Quantity of luminaires	18	25



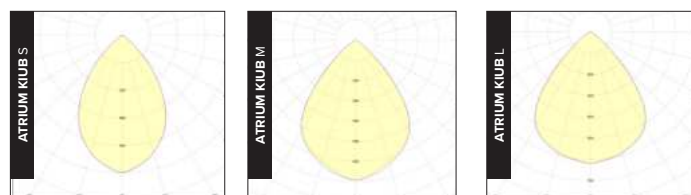
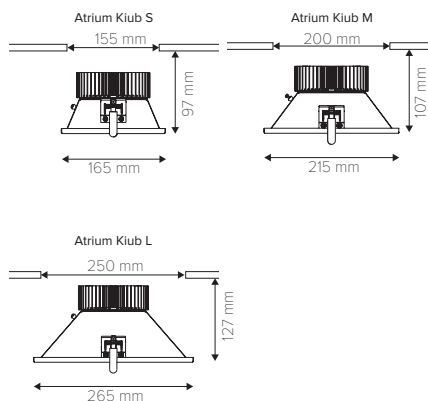
PERFECT FOR THE FOLLOWING PROJECTS



ATRIUM KIUB

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	19 W 24 W 33 W
	Luminous flux	2.100 lm 2.250 lm 2.750 lm 2.850 lm 3.800 lm 4.000 lm
	Light color	3.000K 4.000K
	Color rendering index	> 90
	Protection type	IP 20 IP 40 IP 44
	Control system	no dim
	Lifetime	L80/B10 50.000h
	Certification	CE RoHs Conformity
	Weight	1,6 kg 2 kg 2,3 kg
	Operating voltage	230 VAC
	Protection class	II
	Mounting	Recessed



- Classic square downlight.
- Soft light mixture and uniform light distribution.
- Matt reflector with diffuser.
- Three different recessed sizes available.
- DALI available on request.



White
RAL 9003



Article number	Luminaire
AK-3000-0001	Atrium Kiub S Recessed / 3000K / 19W / 2150lm / IP20 / white
AK-4000-0001	Atrium Kiub S Recessed / 4000K / 19W / 2250lm / IP20 / white
AK-3000-0002	Atrium Kiub M Recessed / 3000K / 24W / 2750lm / IP20 / white
AK-4000-0002	Atrium Kiub M Recessed / 4000K / 24W / 2850lm / IP20 / white
AK-3000-0003	Atrium Kiub L Recessed / 3000K / 33W / 3800lm / IP20 / white
AK-4000-0003	Atrium Kiub L Recessed / 4000K / 33W / 4000lm / IP20 / white

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16
Quantity of luminaires	18	25



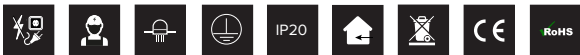
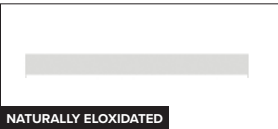
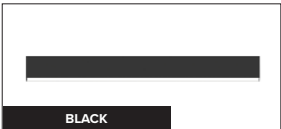
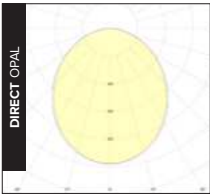
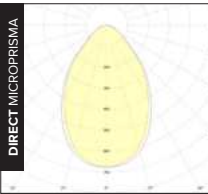
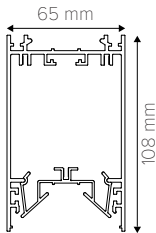
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON

Fixed White

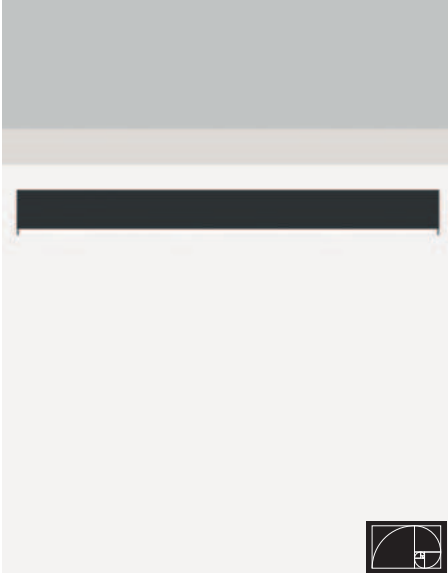
TECHNICAL DATA	Light source	LED Modul
	Output	30 W
	Luminous flux	4.000 lm I 4.330 lm
	Light color temperature	3.000 K I 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE I RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Surface-mounted



Article number	Luminaire
K-HORIZON-FW3A-001-03	K-Horizon 3000K 1133mm / Surface-mounted / 30W / 4000lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW3A-002-03	K-Horizon 3000K 1133mm / Surface-mounted / 30W / 4330lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW3A-003-03	K-Horizon 3000K 1133mm / Surface-mounted / 30W / 4000lm / non dim / MP-DI / black
K-HORIZON-FW3A-004-03	K-Horizon 3000K 1133mm / Surface-mounted / 30W / 4330lm / non dim / OP-DI / black
K-HORIZON-FW4A-001-03	K-Horizon 4000K 1133mm / Surface-mounted / 30W / 4040lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW4A-002-03	K-Horizon 4000K 1133mm / Surface-mounted / 30W / 4460lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW4A-003-03	K-Horizon 4000K 1133mm / Surface-mounted / 30W / 4040lm / non dim / MP-DI / black
K-HORIZON-FW4A-004-03	K-Horizon 4000K 1133mm / Surface-mounted / 30W / 4460lm / non dim / OP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



- Luminous corner sections with side length 603 mm available on request.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- DALI available on request.



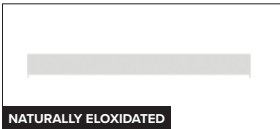
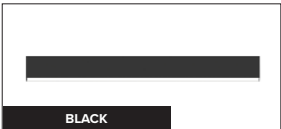
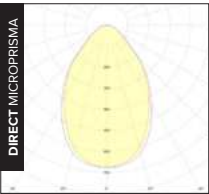
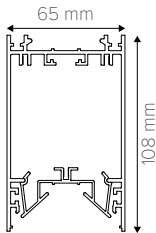
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	15 W
	Luminous flux	1.950 lm
	Light color temperature	3.000 K I 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE I RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Surface-mounted



- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- DALI available on request.



Article number	Luminaire
K-HORIZON-FW3A-U-001	K-Horizon UGR 3000K 1133mm / Surface-mounted / 15W / 1950lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW3A-U-002	K-Horizon UGR 3000K 1133mm / Surface-mounted / 15W / 1950lm / non dim / MP-DI / black
K-HORIZON-FW4A-U-001	K-Horizon UGR 4000K 1133mm / Surface-mounted / 15W / 1950lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW4A-U-002	K-Horizon UGR 4000K 1133mm / Surface-mounted / 15W / 1950lm / non dim / MP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



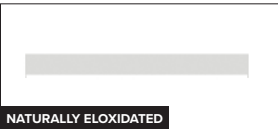
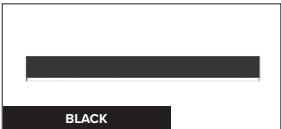
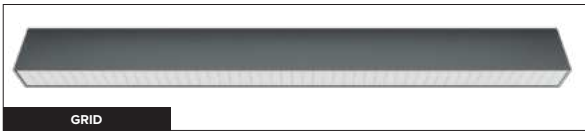
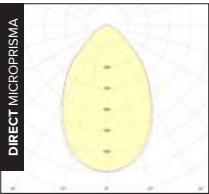
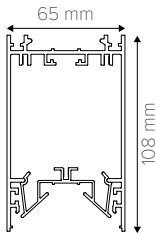
PERFECT FOR THE FOLLOWING PROJECTS



K-HORIZON UGR+Grid

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	20,8 W
	Luminous flux	2.450 lm
	Light color temperature	3.000 K 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Surface-mounted



- Luminous corner sections with side length 603 mm available on request.
- Ideal for VDU work due to UGR < 19.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- DALI available on request.



Article number	Luminaire
K-HORIZON-FW3A-UR-001	K-Horizon UGR+Grid 3000K 1133mm / Surface-mounted / 20,8W / 2450lm / non dim / MP-DI / naturally eloxided
K-HORIZON-FW3A-UR-002	K-Horizon UGR+Grid 3000K 1133mm / Surface-mounted / 20,8W / 2450lm / non dim / MP-DI / black
K-HORIZON-FW4A-UR-001	K-Horizon UGR+Grid 4000K 1133mm / Surface-mounted / 20,8W / 2450lm / non dim / MP-DI / naturally eloxided
K-HORIZON-FW4A-UR-002	K-Horizon UGR+Grid 4000K 1133mm / Surface-mounted / 20,8W / 2450lm / non dim / MP-DI / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B13	B16	C13	C16
Quantity of luminaires	8	10	14	17



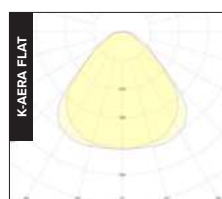
PERFECT FOR THE FOLLOWING PROJECTS



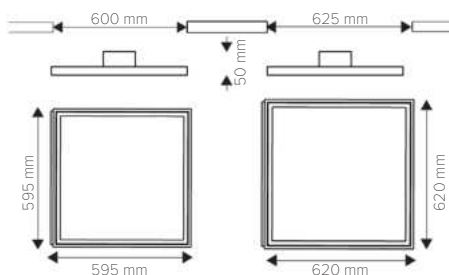
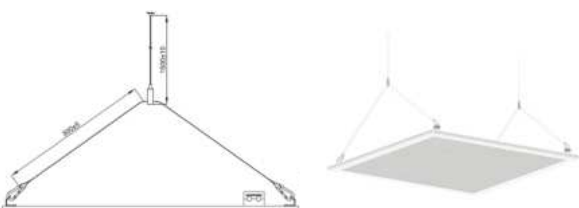
K-AERA FLAT

Fixed White

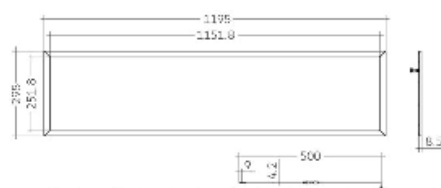
TECHNICAL DATA	Light source	LED Modul
	Output	29 W
	Luminous flux	3.800 lm
	Light color	3.000 K 4.000 K
	Color rendering index	> 80
	Protection type	IP 20
	Lifetime	L80/B10 70.000h
	Certifications	CE RoHS Conformity
	Weight	4,1 kg
	Operation voltage	230 VAC
	Control system	no dim
	Protection class	II
	Mounting	Surface-mounted



Cable suspension for pendant version



When using the installation frame, a minimum installation depth of 200 mm is required. Ceiling cut-out 635 mm.
Minimum installation depth of 100 mm when used as a recessed luminaire.



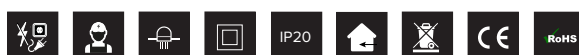
Luminaire dimensions 1195 x 295 mm



- Ideal for large-area interior lighting.
- Microprismatic optics.
- Uniform light distribution and mixing.
- Luminaire is available in various fixed white color temperatures and luminous flux levels as well as in different dimensions.
- Size corresponds to standard louvre dimensions.
- Optimum conditions for VDU workstations UGR < 19.
- DALI available on request.



White
RAL 9003



Article number	Luminaire
K-QEDT-625-FW3000-V02	K-Aera Flat 3000K 625x625mm / 29W / 3800lm
K-QEDT-625-FW4000-V02	K-Aera Flat 4000K 625x625mm / 29W / 3800lm
K-QEDT-595-FW3000-V02	K-Aera Flat 3000K 595x595mm / 29W / 3800lm
K-QEDT-595-FW4000-V02	K-Aera Flat 4000K 595x595mm / 29W / 3800lm
K-QEDT-1195-FW3000-V02	K-Aera Flat 3000K 1195x295mm / 29W / 3800lm
K-QEDT-1195-FW4000-V02	K-Aera Flat 4000K 1195x295mm Einlegeleuchte / 29W / 3800lm

Article number	Luminaire
LTZ-1751-00-04	Built-in frame 595x595x92mm K-AERA FLAT
LTZ-1751-00-05	Built-in frame 620x620x90mm K-AERA FLAT
LTZ-1751-00-07	Wire suspension K-AERA FLAT FW
LTZ-1751-00-04	Built-on frame 595x595x60mm K-AERA FLAT
LTZ-1751-00-05	Built-on frame 620x620x60mm K-AERA FLAT

The grid dimensions 600x600 mm and other color temperatures are available on request.
Accessories for alternative mounting methods (wire suspension, surface-mounted frame) are available on request.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C13	C16	B13	B16
Quantity of luminaires	53	59	36	44



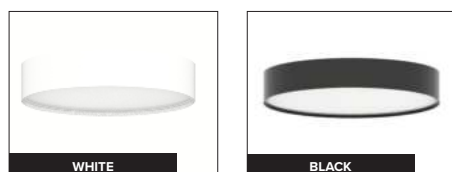
PERFECT FOR THE FOLLOWING PROJECTS



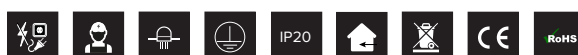
K-CIRCUM

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	25 W – 92 W
	Luminous flux	4.364 lm – 15.296 lm
	Light color	3.000 K 4.000 K
	Color rendering index	> 80
	Protection type	IP 20
	Control system	no dim
	Lifetime	L70/B20 50.000h
	Certification	CE RoHs Conformity
	Weight	5 kg 8 kg 14 kg 19 kg
	Operation voltage	230 VAC
	Protection class	I
	Mounting	Surface-mounted



- Highly efficient full-circle luminaire.
- Perfect addition to the ring light.
- Uniform & homogeneous illumination of the surface.
- Variety of diameters and mounting options.
- The luminaire is versatile due to its low height.
- Luminaire with hygiene approval.
- Other colors on request.
- Available as recessed luminaire on request.
- Available in Dali on request.



Article number	Luminaire
K-CIRCUM-FW-1001	K-Circum Surface-mounted / 4000K / D450mm / H120mm / 25W / 4589lm / ON/OFF / black
K-CIRCUM-FW-1002	K-Circum Surface-mounted / 3000K / D450mm / H120mm / 25W / 4364lm / ON/OFF / black
K-CIRCUM-FW-1003	K-Circum Surface-mounted / 4000K / D650mm / H120mm / 50W / 9177lm / ON/OFF / black
K-CIRCUM-FW-1004	K-Circum Surface-mounted / 3000K / D650mm / H120mm / 50W / 8728lm / ON/OFF / black
K-CIRCUM-FW-1005	K-Circum Surface-mounted / 4000K / D950mm / H120mm / 84W / 15296lm / ON/OFF / black
K-CIRCUM-FW-1006	K-Circum Surface-mounted / 3000K / D950mm / H120mm / 84W / 14546lm / ON/OFF / black



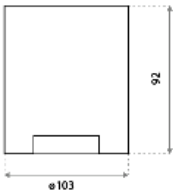
PERFECT FOR THE FOLLOWING PROJECTS



K-COLUMN 100

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	10,5 W
	Luminous flux	800 lm
	Light color	3.000 K 4.000 K
	Color rendering index	93
	Protection type	IP 20
	Control system	TRIAC
	Lifetime	L70/B50 70.000h
	Certification	CE RoHs Conformity
	Weight	0,4 kg
	Operating voltage	220 V – 240 V
	Protection class	II
	Mounting	Surface-mounted



- Reliable lighting solution without power supply.
- The luminaire housing is available in white or black.
- The reflector is available in white, silver, black or gold.
- Beam angle: 40° | 80°
- With a beam angle of 40°, the luminaire has UGR < 19.



Article number	Luminaire
K-COLUMN-100-3000K-001-WHWH	K-Colump 100 surface-mounted / 3000K / 10,5W / 800lm / 78lm/W / 40° / white
K-COLUMN-100-3000K-002-WHWH	K-Colump 100 surface-mounted / 3000K / 10,5W / 800lm / 78lm/W / 80° / white
K-COLUMN-100-3000K-001-BLBL	K-Colump 100 surface-mounted / 3000K / 10,5W / 800lm / 78lm/W / 40° / black
K-COLUMN-100-3000K-002-BLBL	K-Colump 100 surface-mounted / 3000K / 10,5W / 800lm / 78lm/W / 80° / black
K-COLUMN-100-4000K-001-WHWH	K-Colump 100 surface-mounted / 4000K / 10,5W / 800lm / 79lm/W / 40° / white
K-COLUMN-100-4000K-002-WHWH	K-Colump 100 surface-mounted / 4000K / 10,5W / 800lm / 79lm/W / 80° / white
K-COLUMN-100-4000K-001-BLBL	K-Colump 100 surface-mounted / 4000K / 10,5W / 800lm / 79lm/W / 40° / black
K-COLUMN-100-4000K-002-BLBL	K-Colump 100 surface-mounted / 4000K / 10,5W / 800lm / 79lm/W / 80° / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16
Quantity of luminaires	360



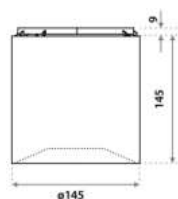
PERFECT FOR THE FOLLOWING PROJECTS



K-COLUMN 145

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	19,7 W
	Luminous flux	2.325 lm – 2.350 lm
	Light color	3.000 K 4.000 K
	Color rendering index	82
	Protection type	IP 20
	Control system	nicht dimmbar
	Lifetime	L90/B10 70.000h
	Certifications	CE RoHS Conformity
	Weight	1,2 kg
	Operating voltage	220 V – 240 V
	Protection class	II
	Mounting	Surface-mounted



- Reliable lighting solution without power supply.
- The luminaire housing is available in white or black.
- The reflector is available in white, silver, black or gold.
- Beam angle: 18° | 37° | 60°
- 1-10V & push dimming as well as DALI available on request.



Article number	Luminaire
K-COLUMN-145-3000-001-BL	K-Colump 145 Surface-mounted / 3000K / 19,7W / 2325lm / 114lm/W / 18° / black
K-COLUMN-145-3000-002-BL	K-Colump 145 Surface-mounted / 3000K / 19,7W / 2325lm / 114lm/W / 37° / black
K-COLUMN-145-3000-003-BL	K-Colump 145 Surface-mounted / 3000K / 19,7W / 2325lm / 114lm/W / 60° / black
K-COLUMN-145-3000-001-WH	K-Colump 145 Surface-mounted / 3000K / 19,7W / 2350lm / 120lm/W / 18° / white
K-COLUMN-145-3000-002-WH	K-Colump 145 Surface-mounted / 3000K / 19,7W / 2350lm / 120lm/W / 37° / white
K-COLUMN-145-3000-003-WH	K-Colump 145 Surface-mounted / 3000K / 19,7W / 2350lm / 120lm/W / 60° / white
K-COLUMN-145-4000-001-BL	K-Colump 145 Surface-mounted / 4000K / 19,7W / 2325lm / 114lm/W / 18° / black
K-COLUMN-145-4000-002-BL	K-Colump 145 Surface-mounted / 4000K / 19,7W / 2325lm / 114lm/W / 37° / black
K-COLUMN-145-4000-2003-BL	K-Colump 145 Surface-mounted / 4000K / 19,7W / 2325lm / 114lm/W / 60° / black
K-COLUMN-145-4000-001-WH	K-Colump 145 Surface-mounted / 4000K / 19,7W / 2350lm / 120lm/W / 18° / white
K-COLUMN-145-4000-002-WH	K-Colump 145 Surface-mounted / 4000K / 19,7W / 2350lm / 120lm/W / 37° / white
K-COLUMN-145-4000-003-WH	K-Colump 145 Surface-mounted / 4000K / 19,7W / 2350lm / 120lm/W / 60° / white

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16
Quantity of luminaires	50



PERFECT FOR THE FOLLOWING PROJECTS



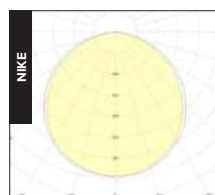
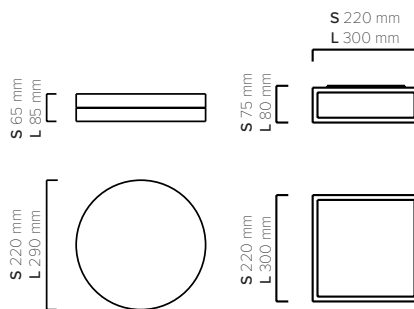
NIKE

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Light color	2.900 K
	Color rendering index	> 90
	Protection type	IP 44
	Control system	no dim
	Protection class	I

SQUARE	Output	12 W 18 W
	Luminous flux	820 lm 1.310 lm
	Weight	1,1 kg 1,8 kg

ROUND	Output	12 W 18 W
	Luminous flux	940 lm 1.420 lm
	Weight	1,1 kg 1,9 kg



Article number	Luminaire
K-NIK-AL-E-S-CH	Surface-mounted NIKE S square / 12W / 2900K / 820lm / IP 44 / chrome
K-NIK-AL-E-L-CH	Surface-mounted NIKE L square / 18W / 2900K / 1310lm / IP 44 / chrome
K-NIK-AL-R-S-CH	Surface-mounted NIKE S round 220mm / 12W / 2900K / 940lm / IP 44 / chrome
K-NIK-AL-R-L-CH	Surface-mounted NIKE L round 290mm / 18W / 2900K / 1420lm / IP 44 / chrom

- Minimalist, elegant design.
- Shiny, chrome-plated details.
- Pleasant, diffuse light mixture.
- Perfect as ambient lighting.



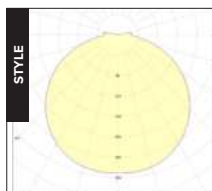
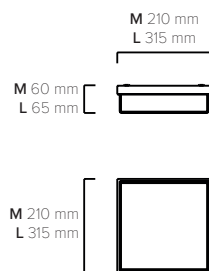
PERFECT FOR THE FOLLOWING PROJECTS



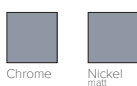
STYLE

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	12 W 26 W
	Luminous flux	1.020 lm 1.840 lm
	Light color	2.900 K
	Color rendering index	> 90
	Protection type	IP 30
	Control system	dimmable
	Weight	2,15 kg 4,25 kg
	Protection class	I



- Timeless and modern luminaire.
- Satin-finished glass.
- Perfect for general lighting.
- Homogeneous light mixture.
- Indirect lighting effects on the ceiling.



Article number	Luminaire
K-STY-AL-E-M-CH	Surface-mounted STYLE M square / 12W / 2900K / 1020lm / IP 30 / chrome
K-STY-AL-E-M-MN	Surface-mounted STYLE M square / 12W / 2900K / 1020lm / IP 30 / matt nickel
K-STY-AL-E-L-CH	Surface-mounted STYLE L square / 26W / 2900K / 1840lm / IP 30 / chrome
K-STY-AL-E-L-MN	Surface-mounted STYLE L square / 26W / 2900K / 1840lm / IP 30 / matt nickel



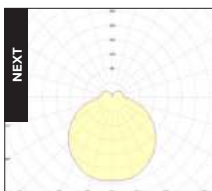
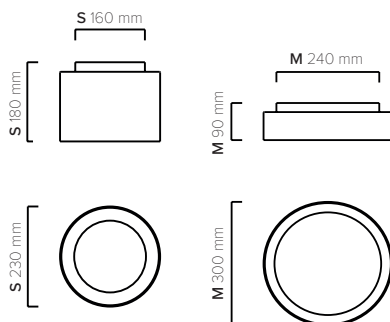
PERFECT FOR THE FOLLOWING PROJECTS



NEXT

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	12 W
	Luminous flux	840 lm 1.020 lm
	Light color	2.900 K
	Color rendering index	> 90
	Protection type	IP 44
	Control system	no dim
	Weight	2,13 kg 3,2 kg
	Protection class	I



- Opal white lampshade under a clear glass cover.
- High-quality and elegant ceiling light.
- Pleasant, diffuse light mixture.
- Ideal as ambient lighting.



Chrome



Article number	Luminaire
K-NEX-AL-R-S-CH	Surface-mounted NEXT round 230mm S / 12W / 2900K / 840lm / IP 44 / chrome
K-NEX-AL-R-M-CH	Surface-mounted NEXT round 300mm M / 12W / 2900K / 1020lm / IP 44 / chrome

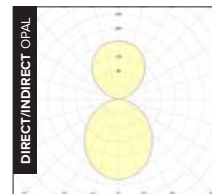
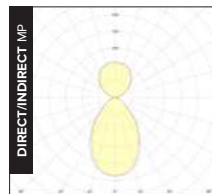
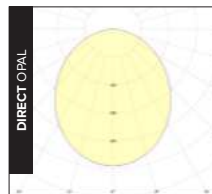
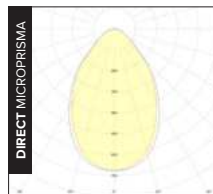
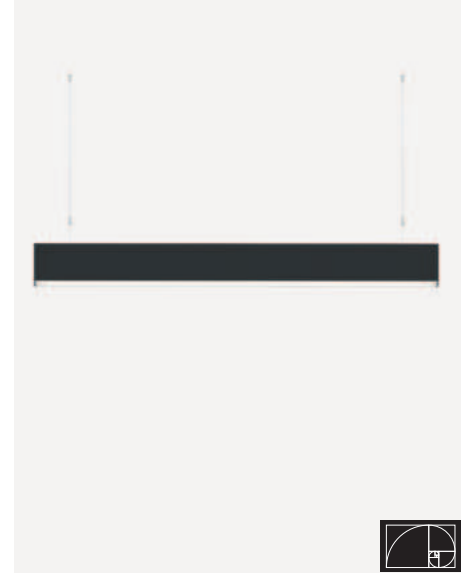
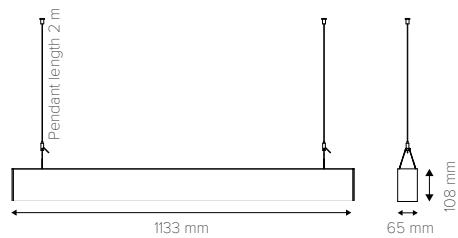


PERFECT FOR THE FOLLOWING PROJECTS



Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	30 W 53 W
	Luminous flux	4.040 lm 7.290 lm 4.460 lm 7.710 lm
	Light color temperature	3.000 K 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE RoHs Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Pendant



Article number	Luminaire
K-HORIZON-FW3P-001-03	K-Horizon 3000K 1133mm / Pendant / 30W / 4000lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW3P-002-03	K-Horizon 3000K 1133mm / Pendant / 30W / 4330lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW3P-003-03	K-Horizon 3000K 1133mm / Pendant / 30W / 4000lm / non dim / MP-DI / black
K-HORIZON-FW3P-004-03	K-Horizon 3000K 1133mm / Pendant / 30W / 4330lm / non dim / OP-DI / black
K-HORIZON-FW3P-005-03	K-Horizon 3000K 1133mm / Pendant / 53W / 7180lm / non dim / MP-DI-ID / naturally eloxidated
K-HORIZON-FW3P-006-03	K-Horizon 3000K 1133mm / Pendant / 53W / 7510lm / non dim / OP-DI-ID / naturally eloxidated
K-HORIZON-FW3P-007-03	K-Horizon 3000K 1133mm / Pendant / 53W / 7180lm / non dim / MP-DI-ID / black
K-HORIZON-FW3P-008-03	K-Horizon 3000K 1133mm / Pendant / 53W / 7510lm / non dim / OP-DI-ID / black
K-HORIZON-FW4P-001-03	K-Horizon 4000K 1133mm / Pendant / 30W / 4040lm / non dim / MP-DI / naturally eloxidated
K-HORIZON-FW4P-002-03	K-Horizon 4000K 1133mm / Pendant / 30W / 4460lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW4P-003-03	K-Horizon 4000K 1133mm / Pendant / 30W / 4040lm / non dim / MP-DI / black
K-HORIZON-FW4P-004-03	K-Horizon 4000K 1133mm / Pendant / 30W / 4460lm / non dim / OP-DI / black
K-HORIZON-FW4P-005-03	K-Horizon 4000K 1133mm / Pendant / 53W / 7290lm / non dim / MP-DI-ID / naturally eloxidated
K-HORIZON-FW4P-006-03	K-Horizon 4000K 1133mm / Pendant / 53W / 7710lm / non dim / OP-DI-ID / naturally eloxidated
K-HORIZON-FW4P-007-03	K-Horizon 4000K 1133mm / Pendant / 53W / 7290lm / non dim / MP-DI-ID / black
K-HORIZON-FW4P-008-03	K-Horizon 4000K 1133mm / Pendant / 53W / 7710lm / non dim / OP-DI-ID / black

- Luminous corner sections with side length 603 mm available on request.
- Variants with UGR or UGR+ louvre only possible with direct light component.
- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- DALI available on request.

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C13	C16	B13	B16
Quantity of luminaires	21	26	13	16



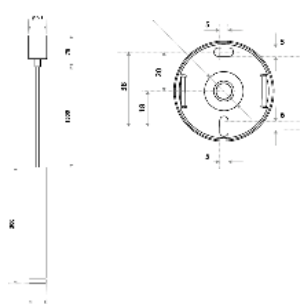
PERFECT FOR THE FOLLOWING PROJECTS



K-POINTER

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	9,2 W
	Luminous flux	525 lm – 650 lm
	Light color	3.000 K 4.000 K
	Color rendering index	82
	Protection type	IP 20
	Lifetime	L90/B10 60.000h
	Certifications	CE RoHs Conformity
	Weight	0,3 kg
	Operating voltage	220 – 240 V
	Dimming range	no dim
	Protection class	II
	Mounting	Pendant



- The luminaire housing is available in white or black.
- The reflector is available in white, silver, black or gold.
- Beam angle: 35° | 60°
- Available in Dali, Casambi, 1-10 V & Push on request.
- Also available as track spotlight on request.



White
RAL 9016



Black
RAL 9005



Article number	Luminaire
K-POINTER-3000K-0001-01	K-Pointer 3000K Pendant / 9,2W / 525lm / 35° / white
K-POINTER-3000K-0001-02	K-Pointer 3000K Pendant / 9,2W / 600lm / 60° / white
K-POINTER-3000K-0001-03	K-Pointer 3000K Pendant / 9,2W / 525lm / 35° / black
K-POINTER-3000K-0001-04	K-Pointer 3000K Pendant / 9,2W / 600lm / 60° / black
K-POINTER-4000K-0001-01	K-Pointer 4000K Pendant / 9,2W / 550lm / 35° / white
K-POINTER-4000K-0001-03	K-Pointer 4000K Pendant / 9,2W / 550lm / 35° / black
K-POINTER-4000K-0001-04	K-Pointer 4000K Pendant / 9,2W / 650lm / 60° / black



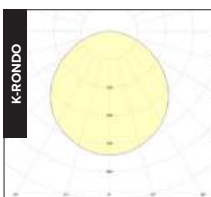
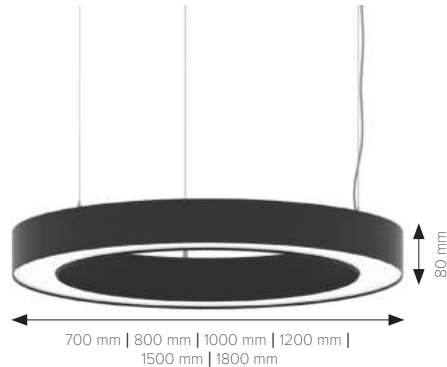
PERFECT FOR THE FOLLOWING PROJECTS



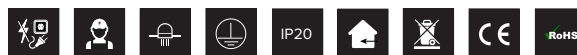
K-RONDO

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	63 W – 178 W
	Luminous flux	9.579 lm – 28.216 lm
	Light color	3.000 K 4.000 K
	Color rendering index	> 80
	Protection type	IP 20
	Dimming range	no dim
	Lifetime	L70/B20 50.000h
	Certifications	CE RoHs Conformity
	Weight	7,3 kg 9,3 kg 10,3 kg 13,3 kg 17,3 kg 21,3 kg
	Operating voltage	230 VAC
	Protection class	I
	Mounting	Pendant



Black
RAL 9005



Article number	Luminaire
K-RONDO-0001	K-Rondo 3000K Pendant / D700mm / H80mm / 63W / 9579lm / ON/OFF / black
K-RONDO-0003	K-Rondo 3000K Pendant / D700mm / H80mm / 63W / 9579lm / DALI / black
K-RONDO-0005	K-Rondo 3000K Pendant / D800mm / H80mm / 75W / 11353lm / ON/OFF / black
K-RONDO-0007	K-Rondo 3000K Pendant / D800mm / H80mm / 75W / 11353lm / DALI / black
K-RONDO-0009	K-Rondo 3000K Pendant / D1000mm / H80mm / 93W / 14191lm / ON/OFF / black
K-RONDO-0011	K-Rondo 3000K Pendant / D1000mm / H80mm / 93W / 14191lm / DALI / black
K-RONDO-0013	K-Rondo 3000K Pendant / D1200mm / H80mm / 117W / 17739lm / ON/OFF / black
K-RONDO-0015	K-Rondo 3000K Pendant / D1200mm / H80mm / 117W / 17739lm / DALI / black
K-RONDO-0017	K-Rondo 3000K Pendant / D1500mm / H80mm / 145W / 21996lm / ON/OFF / black
K-RONDO-0019	K-Rondo 3000K Pendant / D1500mm / H80mm / 145W / 21996lm / DALI / black
K-RONDO-0021	K-Rondo 3000K Pendant / D1800mm / H80mm / 178W / 26964lm / ON/OFF / black
K-RONDO-0023	K-Rondo 3000K Pendant / D1800mm / H80mm / 178W / 26964lm / DALI / black
K-RONDO-0002	K-Rondo 4000K Pendant / D700mm / H80mm / 63W / 10024lm / ON/OFF / black
K-RONDO-0004	K-Rondo 4000K Pendant / D700mm / H80mm / 63W / 10024lm / DALI / black
K-RONDO-0006	K-Rondo 4000K Pendant / D800mm / H80mm / 75W / 11880lm / ON/OFF / black
K-RONDO-0008	K-Rondo 4000K Pendant / D800mm / H80mm / 75W / 11880lm / DALI / black
K-RONDO-0010	K-Rondo 4000K Pendant / D1000mm / H80mm / 93W / 14850lm / ON/OFF / black
K-RONDO-0012	K-Rondo 4000K Pendant / D1000mm / H80mm / 93W / 14850lm / DALI / black
K-RONDO-0014	K-Rondo 4000K Pendant / D1200mm / H80mm / 117W / 18563lm / ON/OFF / black
K-RONDO-0016	K-Rondo 4000K Pendant / D1200mm / H80mm / 117W / 18563lm / DALI / black
K-RONDO-0018	K-Rondo 4000K Pendant / D1500mm / H80mm / 145W / 23018lm / ON/OFF / black
K-RONDO-0020	K-Rondo 4000K Pendant / D1500mm / H80mm / 145W / 23018lm / DALI / black
K-RONDO-0022	K-Rondo 4000K Pendant / D1800mm / H80mm / 178W / 28216lm / ON/OFF / black
K-RONDO-0024	K-Rondo 4000K Pendant / D1800mm / H80mm / 178W / 28216lm / DALI / black

- Highly efficient ring pendant light.
- Elegant and modern design.
- Perfect addition to the full circle luminaire.
- Uniform & homogeneous illumination of the surface.
- The variety of diameters makes it possible to create unique interiors.
- Due to its low height, the luminaire is versatile.
- Luminaire with hygienic approval.
- Other colors on request.



PERFECT FOR THE FOLLOWING PROJECTS



K-CIRCUM

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	25 W – 84 W
	Luminous flux	4.364 lm – 15.296 lm
	Light color	3.000 K 4.000 K
	Color rendering index	> 80
	Protection type	IP 20
	Control system	no dim
	Lifetime	L70/B20 50.000h
	Certifications	CE RoHs conformity
	Weight	3,9 kg 8,3 kg 14,3 kg
	Operating voltage	230 VAC
	Protection class	I
	Mounting	Pendant



- Highly efficient full-circle luminaire.
- Perfect addition to the ring light.
- Uniform & homogeneous illumination of the area.
- Wide range of diameters and mounting options, and the low height makes the luminaire versatile.
- Luminaire with hygiene approval.
- Other colors on request.
- DALI available on request.



White
RAL 9003



Black
RAL 9005



Article number	Luminaire
K-CIRCUM-FW-1009	K-Circum Pendant / 4000K / D450mm / H120mm / 25W / 4589lm / ON/OFF / black
K-CIRCUM-FW-1010	K-Circum Pendant / 3000K / D450mm / H120mm / 25W / 4364lm / ON/OFF / black
K-CIRCUM-FW-1011	K-Circum Pendant / 4000K / D650mm / H120mm / 50W / 9177lm / ON/OFF / black
K-CIRCUM-FW-1012	K-Circum Pendant / 3000K / D650mm / H120mm / 50W / 8728lm / ON/OFF / black
K-CIRCUM-FW-1013	K-Circum Pendant / 4000K / D950mm / H120mm / 84W / 15296lm / ON/OFF / black
K-CIRCUM-FW-1014	K-Circum Pendant / 3000K / D950mm / H120mm / 84W / 14546lm / ON/OFF / black



PERFECT FOR THE FOLLOWING PROJECTS



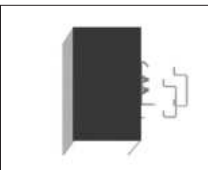
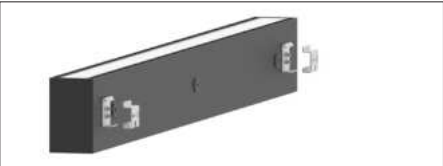
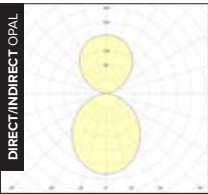
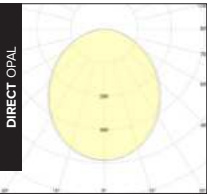
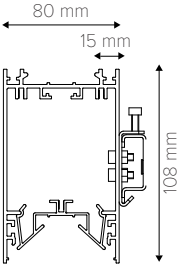
K-HORIZON

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	30 W 56,8 W
	Luminous flux	4.330 lm – 8.250 lm
	Light color temperature	3.000 K 4.000 K
	Color rendering index	> 90
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE RoHS Conformity
	Weight	4,6 kg
	Operating voltage	230 VAC
	Control system	not dimmable
	Protection class	I
	Mounting	Wall



Non-replaceable light source



Article number	Luminaire
K-HORIZON-FW3W-001-03	K-Horizon 3000K 1133mm / Wall / 30W / 4330lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW3W-002-03	K-Horizon 3000K 1133mm / Wall / 30W / 4330lm / non dim / OP-DI / black
K-HORIZON-FW3W-003-03	K-Horizon 3000K 1133mm / Wall / 57W / 8040lm / non dim / OP-DI-ID / naturally eloxidated
K-HORIZON-FW3W-004-03	K-Horizon 3000K 1133mm / Wall / 57W / 8040lm / non dim / OP-DI-ID / black
K-HORIZON-FW4W-001-03	K-Horizon 4000K 1133mm / Wall / 30W / 4460lm / non dim / OP-DI / naturally eloxidated
K-HORIZON-FW4W-002-03	K-Horizon 4000K 1133mm / Wall / 30W / 4460lm / non dim / OP-DI / black
K-HORIZON-FW4W-003-03	K-Horizon 4000K 1133mm / Wall / 56,8W / 8250lm / non dim / OP-DI-ID / naturally eloxidated
K-HORIZON-FW4W-004-03	K-Horizon 4000K 1133mm / Wall / 56,8W / 8250lm / non dim / OP-DI-ID / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	C13	C16	B13	B16
Quantity of luminaires	21	26	13	16

- Alternative luminaire lengths available on request.
- Continuous row applications possible.
- DALI available on request.



PORCELANOSA

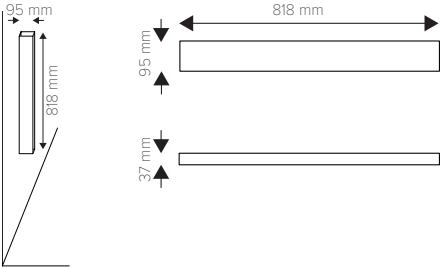
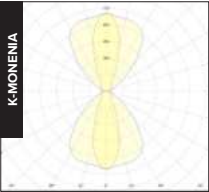
PERFECT FOR THE FOLLOWING PROJECTS



K-MOENIA

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	50 W
	Luminous flux	2.240 lm
	Light color	3.000 K
	Color rendering index	85
	Protection type	IP 20
	Lifetime	L80/B10 50.000h
	Certifications	CE I RoHs Conformity
	Weight	2,3 kg
	Operating voltage	230 VAC
	Control system	no dim
	Protection class	II
	Mounting	Wall

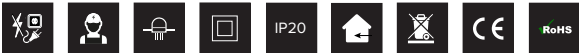


F

- Elegant design housing with integrated wallwash optics for up&down or left-right illumination.
- Ideal for large-area wall lighting.
- Soft light distribution and uniform light distribution.
- Control: ON/OFF (no dimming possible).



White
RAL 9016



Article number	Luminaire
K-MO30301-01	K-Moenia Wall / 3000K / 30° optic frosted / white

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16
Quantity of luminaires	71



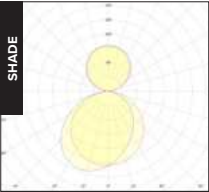
PERFECT FOR THE FOLLOWING PROJECTS



SHADE

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	13 W – 31 W
	Luminous flux	495 lm – 1.800 lm
	Light color	2.900 K
	Color rendering index	> 90
	Protection type	IP 44
	Control system	no dim
	Weigth	0,5 kg 0,8 kg 1,2 kg 1,5 kg
	Protection class	I



Article number	Luminaire
K-SHA-WM-E-12-CH	Wall SHADE square / 13W / 2900K / 495lm / IP44 / chrome
K-SHA-WM-E-18-CH	Wall SHADE square / 19W / 2900K / 980lm / IP44 / chrome
K-SHA-WM-E-24-CH	Wall SHADE square / 25W / 2900K / 1410lm / IP44 / chrome
K-SHA-WM-E-30-CH	Wall SHADE square / 31W / 2900K / 1800lm / IP44 / chrome



F

- Elegant LED wall light.
- High-quality and particularly durable.
- Direct and indirect lighting.



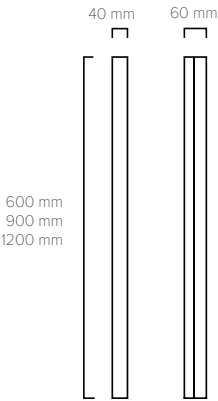
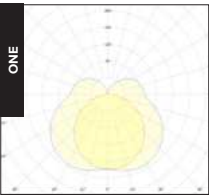
PERFECT FOR THE FOLLOWING PROJECTS



ONE

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	12 W 18 W 24 W
	Luminous flux	1.040 lm 1.560 lm 2.080 lm
	Light color	2.900 K
	Color rendering index	> 80
	Protection	IP 44
	Control system	no dim
	Weight	0,61 kg 0,81 kg 0,94 kg
	Protection class	I

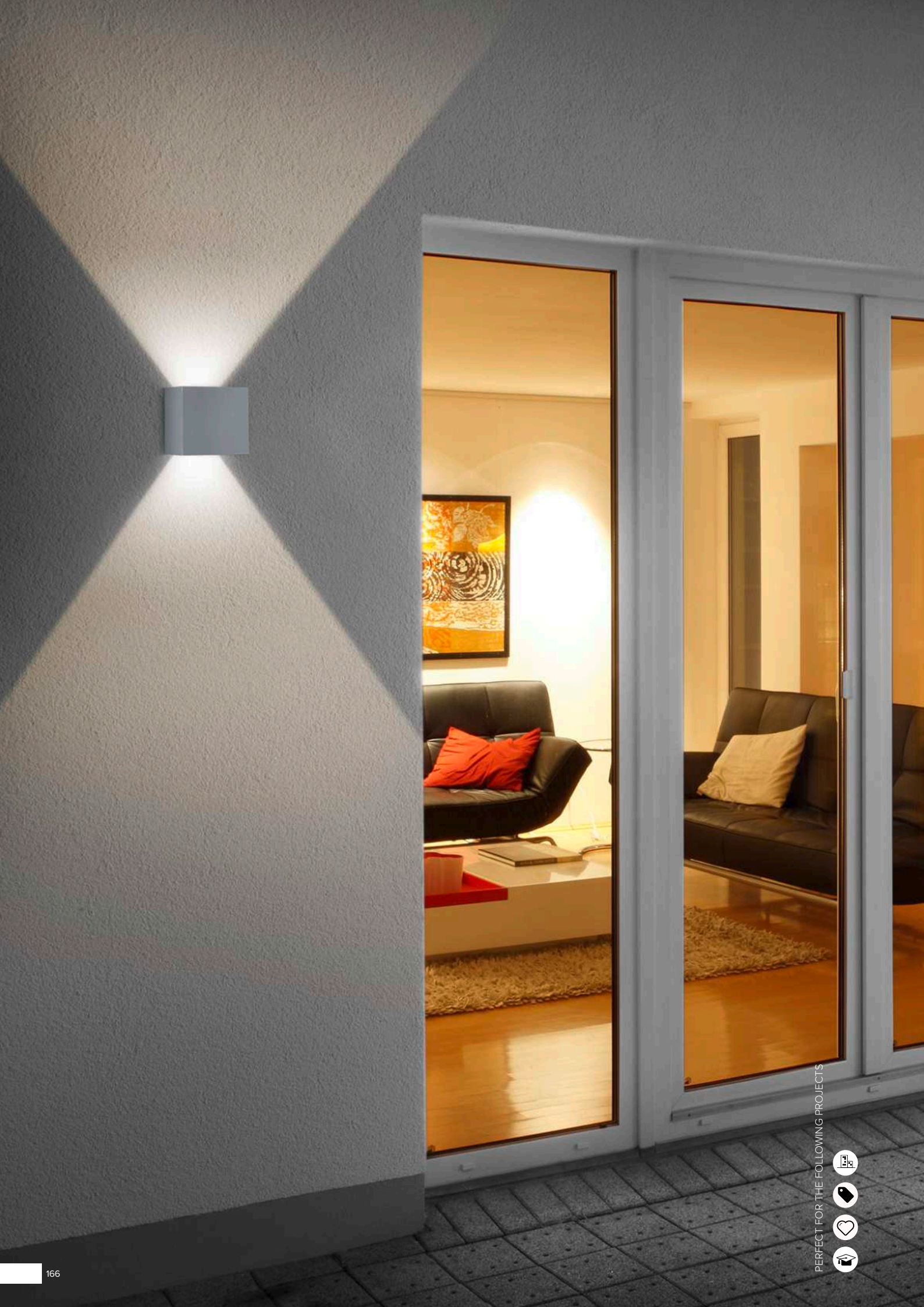


F

- Glare-free lighting thanks to a satinized surface.
- Discreet, modern look.
- Vertical and horizontal mounting possible.
- Mounting accessories included.



Article number	Luminaire
K-ONE-WM-E-S-CH	Wall ONE S square / 12W / 2900K / 1040lm / IP44 / chrome
K-ONE-WM-E-M-CH	Wall ONE M square / 18W / 2900K / 1560lm / IP44 / chrome
K-ONE-WM-E-L-CH	Wall ONE L square / 24W / 2900K / 2080lm / IP44 / chrome



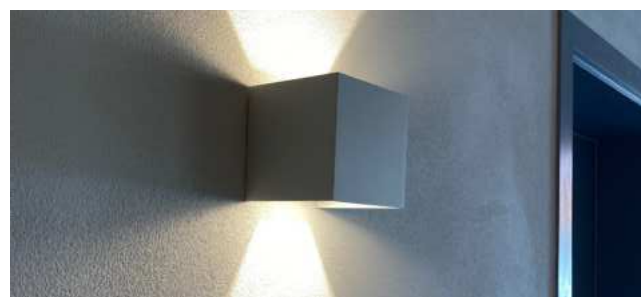
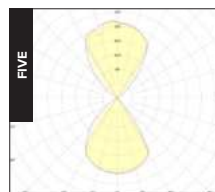
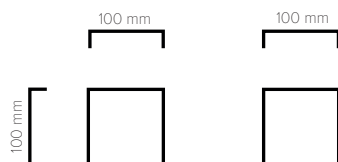
PERFECT FOR THE FOLLOWING PROJECTS



FIVE

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	7 W
	Luminous flux	390 lm
	Light color	3.000 K
	Color rendering index	> 80
	Protection class	IP 54
	Control system	no dim
	Weight	0,9 kg
	Protection class	I



Article number	Luminaire
K-FIV-WM-E-D/I-WH	Wall FIVE square / 7W / 3000K / 390lm / IP54 / white
K-FIV-WM-E-D/I-SG	Wall FIVE square / 7W / 3000K / 390lm / IP54 / silver

- Decorative wall light for indoor and outdoor use.
- Light emission infinitely adjustable at the top and bottom thanks to internal reflector flaps.
- With control gear.
- Other housing colors available on request.



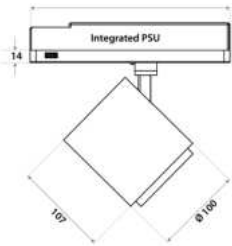
PERFECT FOR THE FOLLOWING PROJECTS



K-FORUM II

Fixed White

TECHNICAL DATA	Light source	LED Modul
	Output	27,9 W
	Luminous flux	3.575 lm – 3.650 lm
	Light color	3.000 K 4.000 K
	Color rendering index	82
	Protection class	IP 20
	Dimming range	no dim
	Lifetime	L90/B10 70.000h
	Certifications	CE RoHs Conformity
	Weight	0,84 kg
	Operating voltage	220 V – 240 V
	Control system	no dim
	Mounting	Trackspot



- The luminaire housing is available in white or black.
- The decorative ring is available in white, black or gold.
- Beam angle: 18° | 37° | 60°
- Available in Dali & Casambi on request.
- A higher lumen output is available on request.



White
RAL 9016



Black
RAL 9005



Article number	Luminaire
K-FOII-3000-0001-WHWH	K-Forum II Trackspot 3000K / 27,9W / 3575lm / 18° / white
K-FOII-3000-0002-WHWH	K-Forum II Trackspot 3000K / 27,9W / 3575lm / 37° / white
K-FOII-3000-0003-WHWH	K-Forum II Trackspot 3000K / 27,9W / 3575lm / 60° / white
K-FOII-3000-0001-BLBL	K-Forum II Trackspot 3000K / 27,9W / 3575lm / 18° / black
K-FOII-3000-0002-BLBL	K-Forum II Trackspot 3000K / 27,9W / 3575lm / 37° / black
K-FOII-3000-0003-BLBL	K-Forum II Trackspot 3000K / 27,9W / 3575lm / 60° / black
K-FOII-4000-0001-WHWH	K-Forum II Trackspot 4000K / 27,9W / 3650lm / 18° / white
K-FOII-4000-0002-WHWH	K-Forum II Trackspot 4000K / 27,9W / 3650lm / 37° / white
K-FOII-4000-0003-WHWH	K-Forum II Trackspot 4000K / 27,9W / 3650lm / 60° / white
K-FOII-4000-0001-BLBL	K-Forum II Trackspot 4000K / 27,9W / 3650lm / 18° / black
K-FOII-4000-0002-BLBL	K-Forum II Trackspot 4000K / 27,9W / 3650lm / 37° / black
K-FOII-4000-0003-BLBL	K-Forum II Trackspot 4000K / 27,9W / 3650lm / 60° / black

The maximum number of luminaires on a circuit breaker(s) is limited by the luminaire inrush current or the maximum current consumption per luminaire according to the following table:

Type of circuit breaker	B16
Quantity of luminaires	50



PERFECT FOR THE FOLLOWING PROJECTS



Fixed White



- Ultra-modern and sleek LED track spotlights.
- Suitable for low ceiling heights.
- Compatible with 3-phase track.
- Faceted reflector for precise light.
- Rotation range: 355°
- Swivel range: 90°
- Beam angle: 15° | 24° | 37° | 52°



Atricle number	Luminaire
K-CENTURY75-3000-BL	K-CENTURY75 Trackspot / 3000K / 22W / 212lm / CRI 92 / black
K-CENTURY75-4000-BL	K-CENTURY75 Trackspot / 4000K / 22W / 2200lm / CRI 92 / black
K-CENTURY75-3000WH	K-CENTURY75 Trackspot / 3000K / 22W / 212lm / CRI 92 / white
K-CENTURY75-4000-WH	K-CENTURY75 Trackspot / 4000K / 22W / 2200lm / CRI 92 / white
K-CENTURY75-3000-SI	K-CENTURY75 Trackspot / 3000K / 22W / 212lm / CRI 92 / silver
K-CENTURY75-4000-SI	K-CENTURY75 Trackspot / 4000K / 22W / 2200lm / CRI 92 / silver



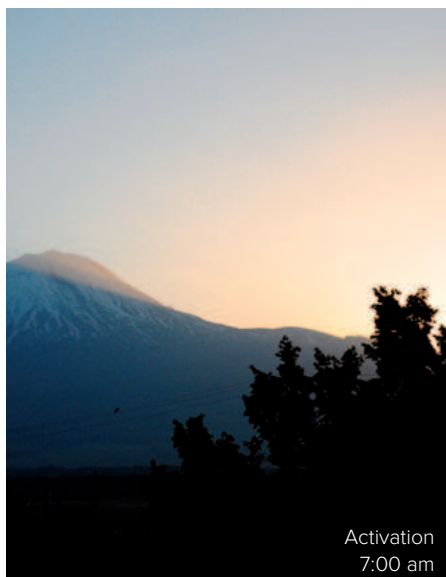
PI-LED enables daylight-like lighting at the highest level, thanks to its patented and proven technology that combines tunable white and RGB in a single light source. This allows PI-LED to accurately replicate sunlight in terms of spectral quality and the continuous change in color temperature throughout the day:

From dawn through daylight blue to sunset red.

The right light at the right time is crucial for well-being. People who spend long hours in front of their computers/smartphones in the evening may not sleep as well because the blue components of the screens have an activating effect.

It would be better to have more relaxing warm white light in the evening. In the morning, intense cool white light helps us wake up and start the day faster.

People's daily routines are shaped by the brightness of sunlight. Daylight-like lighting realistically replicated sunlight throughout the day - dynamic lighting switches between different scenarios to individually control and positively influence the sleep/wake cycle.



Transition from warm white to cold white



Cold white

Neutral white & cold white

Activation

Color temperatures from 4.000K upwards (most common light color for office lighting).

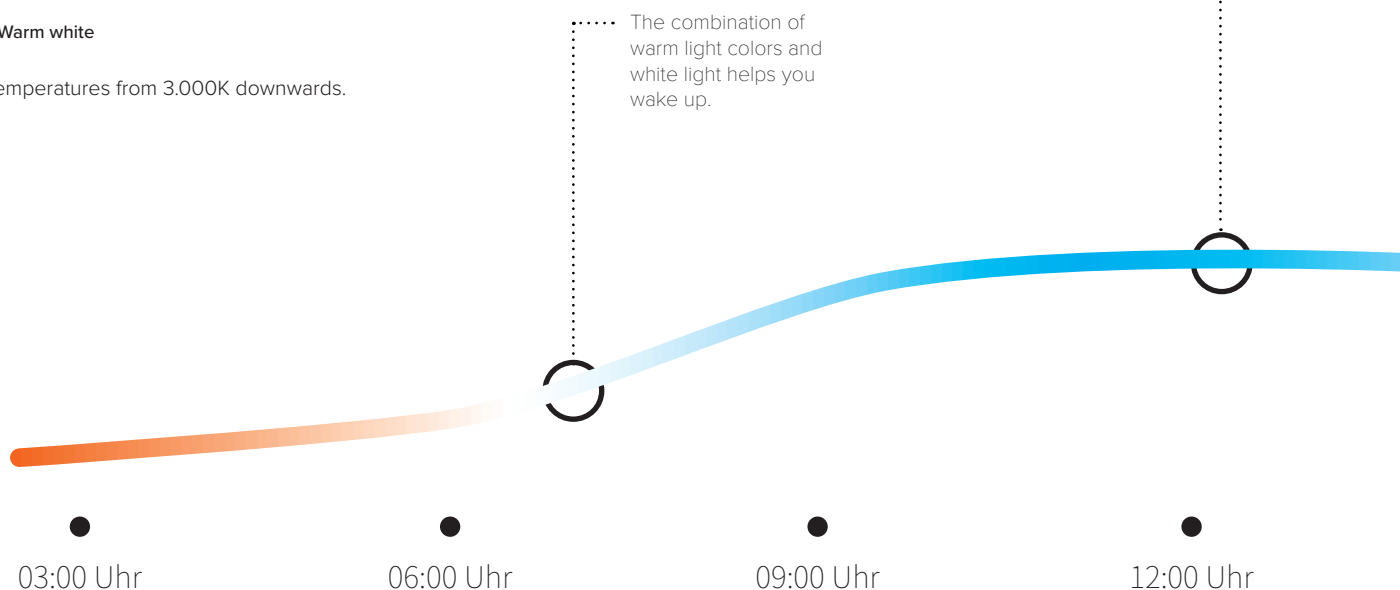
Warm white

Relaxation

Low color temperatures from 3.000K downwards.

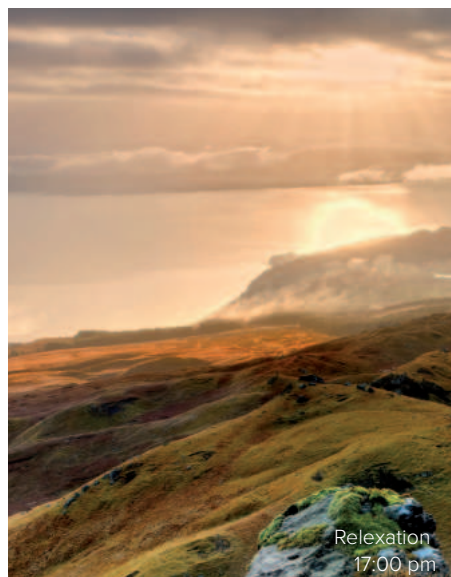
Cold white light with a high color temperature activates and supports concentration.

The combination of warm light colors and white light helps you wake up.



The curve for the artificial light curve is based on the daylight curve (summer).

This is an example of the daylight curve. The curves for daylight-like lighting and BIO-LOGIC LIGHT technology deliberately deviate from this.



Transition to warm white



Warm white

In addition to the natural progression of daylight, KITEO also allows you to create countless effective lighting moods.

By changing different light colors, rooms can change their appearance and effect, allowing them to adapt to new situations over and over again:

Bold colors transform rooms into dreamscapes, cooler colors help create a harmonious ambiance, and especially warm, red-orange light promotes relaxation.



After work, the change to warm light colors ushers in the evening.

Awaken your regenerative powers, after a strenuous day - this can be achieved with warm white light.

15:00 Uhr

18:00 Uhr

21:00 Uhr

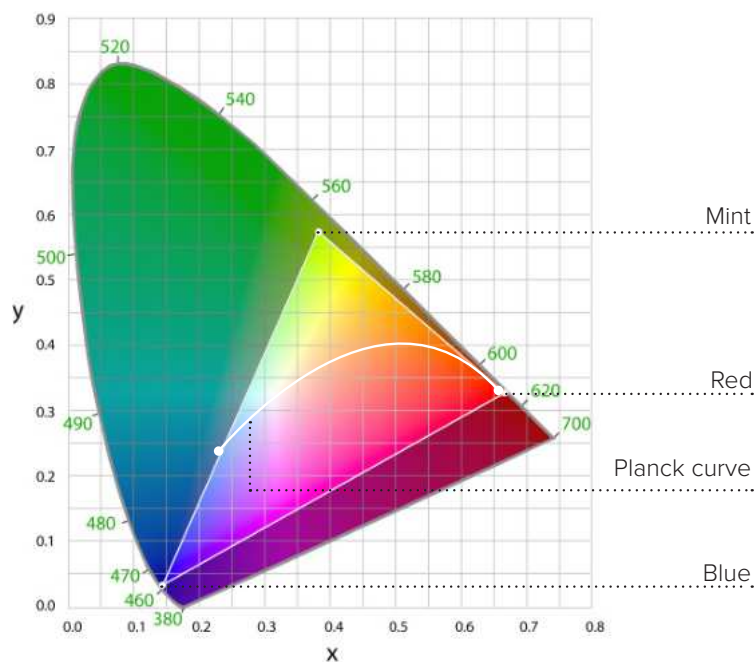
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Light has a noticeable effect on people's vitality and health.

PI-LED IN DETAIL

- Color temperature: 1.800 K–16.000 K
- Color temperature automatically adjustable along the Planck curve (with non-seasonal/seasonal variations)
- Individual control of all RGB colors within the PI-LED color space
- Wide spectrum with color rendering CRI > 90
- Consistently high energy efficiency from warm white to cold white
- 100% calibration and temperature-compensated for the smallest color tolerances (MacAdam 1 typical/initial)



Sunlight is crucial for health and well-being. Every artificial lighting solution should mimic sunlight's characteristics as closely as possible. KITEO implements this principle in contemporary lighting concepts with its daylight-like lighting. Natural daylight is replicated in terms of its spectral quality and the constant change in color temperature, which positively influences the human body's "internal clock." The result is increased well-being and greater concentration.

The more artificial light resembles natural sunlight, the more pleasant and high-quality it is perceived. Daylight-like lighting solutions realistically replicate the spectrum of sunlight without emitting unwanted UV or infrared radiation. This exceptional light quality cannot be achieved with conventional lighting concepts. KITEO daylight-like light uses exclusively the award-winning, cutting-edge PI-LED technology.

SPECTRAL CURVES COMPARISON

Colors and colored objects are only perceived as colored if the corresponding colors are present in the spectrum of the light source.



Sunlight spectrum
Cloudy, 10:00 a.m.



Spectrum of a KITEO lighting solution
Summer day as a reference



Spectrum of standard office lighting
with T5 fluorescent lamps

All images were taken with a KITEO spectroscope.

Compact fluorescent lamps have a discontinuous line spectrum, which means color components are missing. Therefore, not all colors can be reproduced accurately. This causes constant stress as the brain constantly tries to fill in the gaps.

Daylight-like lighting supports people's health, well-being and performance in a targeted and long-term manner through holistic planning and implementation of the visual, emotional and, in particular, the biological effects of light.

EFFECT OF LIGHT ON HUMANS

Visual effect

Optimal visual conditions are the goal of planning. Individual requirements must be tailored and appropriately planned. Minimum criteria are defined in standards and legal regulations to enable the fulfillment of visual tasks in work areas.

Possible criteria:

- Illuminance
- Light colors
- Color rendering CRI > 90
- Illumination
- Reflection factor

IMMEDIATE EFFECT

Visual effect

Architectural, formal aesthetic, and perceptual psychological criteria must be considered. These criteria follow rules and interdisciplinary principles. They are difficult to quantify and cannot be found in standards or regulations.

Possible criteria:

- Light direction
- Light color
- Lighting moods
- Interior design

IMMEDIATE EFFECT

Non-visual effect

LONG-TERM EFFECT

Possible criteria:

- Light: Activation or relaxation
- Supports the biorhythm

In addition to the visual and emotional properties of PI-LED lighting, it is primarily its **biological effect** that – just like natural daylight – defines healthy light.

Such light supports the body's natural hormonal processes at any time of day and is individually tailored to personal preferences and age, for example.

KITEO specifies the melanopic effect factor for all PI-LED products across the entire CCT range. This factor is a light-type-specific conversion factor for the melanopic daylight-equivalent illuminance, or alpha(smell) for short.

The alpha(smell) factor describes the melanopic effect of the light source on humans and their circadian rhythm. To best support the human biorhythm, higher alpha(smell) values can minimize melatonin release during the day and lower values can promote it in the evening.

PI-LED enables the implementation of lighting that is not only visually but also biologically/melanopically effective. For standard-compliant lighting design, KITEO recommends using DIN SPEC 5031-100.

The melanopic effect factor – is a measure of the circadian effect of a light source.

MELANOPIC FACTOR

CCT [K]	VISUAL		BIOLOGICAL
	Luminous flux [lm]		alpha (smel)
	dir. opal	dir. Prisma	
1.800	1.959	1.756	0,255
2.000	2.208	1.980	0,300
2.500	2.857	2.562	0,404
2.700	3.122	2.800	0,442
3.000	3.500	3.150	0,498
3.500	3.324	2.992	0,584
4.000	3.218	2.896	0,661
4.500	3.151	2.836	0,730
5.000	3.106	2.796	0,792
5.500	3.077	2.769	0,848
6.000	3.056	2.751	0,897
6.500	3.043	2.739	0,942
7.000	3.034	2.731	0,982
8.000	3.023	2.722	1,050
9.000	3.020	2.718	1,105
10.000	3.020	2.718	1,151
12.000	3.023	2.722	1,221
14.000	3.029	2.727	1,273
16.000	2.913	2.636	1,311

+ INCREASED
MELATONIN RELEASE
LITTLE TO NO ACTIVATION

ACTIVATION
- REDUCED
MELATONIN RELEASE

Melatonin causes drowsiness, slows down bodily functions, and reduces activity. It also causes many metabolic processes to slow down. Body temperature drops, and the organism essentially runs on low power. During this phase, the body releases growth hormones, which repair cells at night.



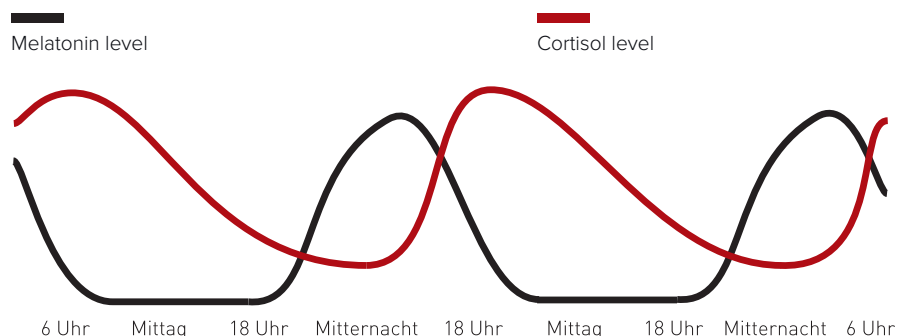
For more information, see the Melanopic Lighting Design Guide.

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The given table shows the values of the K-HORIZON.

THE CIRCADIAN RHYTHM

The natural day-night rhythm is designed to provide humans with optimal rest during the dark phase and optimal vitality during the light phase. Our biorhythm – the circadian system – has developed over the course of evolution.



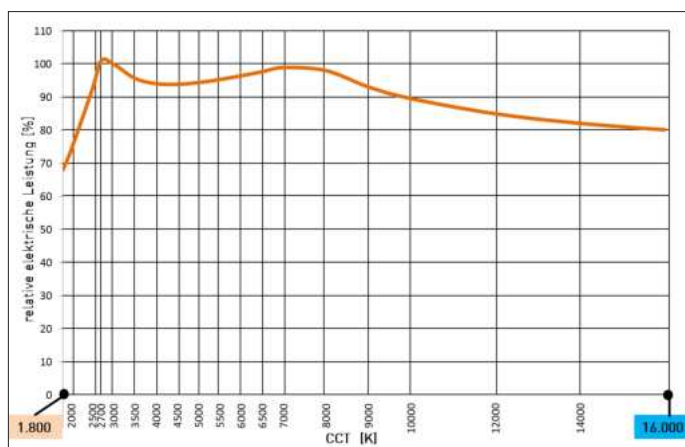
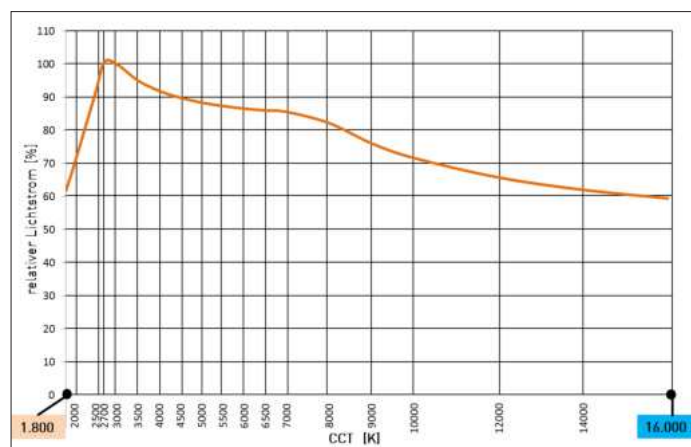
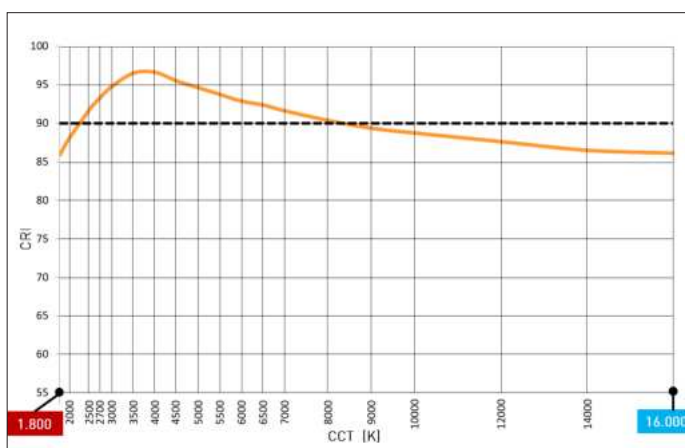
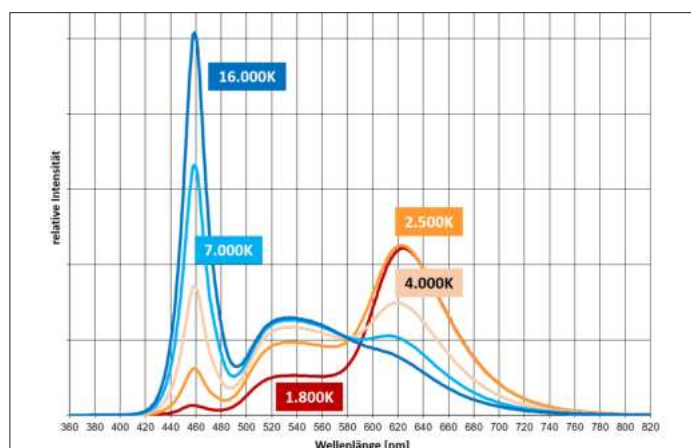
Studie: The effect of high correlated colour temperature office lighting on employee wellbeing and work performance
©2007 Mills et al; license BioMed Central Ltd. Peter R Mills, Susannah C. Tomkins und Luc JM Schlangen

In addition to rods and cones, which are responsible for visual perception, the human eye contains so-called non-visual photoreceptors that noticeably influence the circadian rhythm. These receptors control our hormone balance, particularly melatonin, which is responsible for wakefulness and sleep patterns. This is precisely where PI-LED comes in – with the goal of supporting the human circadian rhythm and maintaining a natural balance of melatonin production.

Cold light with a **high blue content** serves to activate and promote the release of serotonin and cortisol, while simultaneously suppressing melatonin release. Performance and alertness are thus significantly increased.

Warm light with a **high red content** increases the release of melatonin, thus leading to relaxation and restful sleep after an activation phase.

OPTICAL PROPERTIES OF PI-LED



WARRANTY

KITEO stands for innovation and quality - not only today, but also in the future. For this reason, KITEO offers an extended 5-year manufacturer's warranty on all KITEO products within a registered project.

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