VIBE

INSPIRED BY THE SUN – REINVENTING LIGHT

- VIBE brings sunlight into every room
- Unique design and high-quality materials
- Aluminium frame, powder-coated, RAL 9003, matt
- Functionality: Colour temperature 1,800 K to 16,000 K
- High colour stability from micro-controller controlled LED management with temperature compensation and factory calibration
- Soft light mixing and uniform light distribution
- Direct and indirect lighting can be controlled separately
- Operating temperature monitoring with automatic dimming function
- Direct 230 V mains connection
- Mounting: Pendant

Environment friendly

Low consumption

Long service life

Tunable White

Brightness dimmable

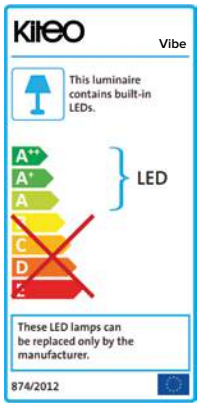
RGB adjustable

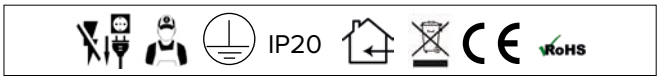
Excellent CRI

TECHNICAL DATA

VIBE Pendant luminaire

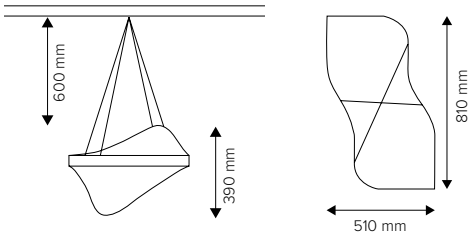
Luminous source	LED module PI-LED
Connected load	72 W
Luminous flux	3,800 lm
Colour temperature	1,800 K–16,000 K
CRI	90
Protection category	IP 20
Dimming range	CCT/CIE-xy 5–100% RGB 0–100%
Service lifetime	L80/B10 50,000h
Tests / approvals	CE / RoHs Conformity
Weight	7 kg
Operating voltage	230 VAC
Control mode	NeoLink/ZigBee DALI DT8
Protection class	I
Mounting	Pendant luminaire

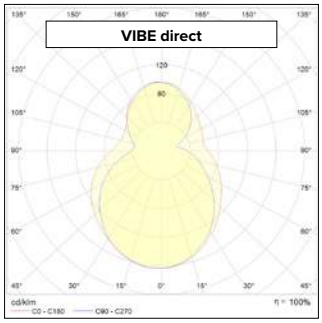


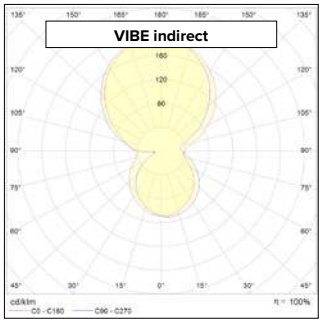


Dimensions

Max. suspension length: 1.5 m (with 0.9 m single cord suspension)







CCT [K]	VISUAL DATA	MELANOPIC ACTION FACTOR
	Luminous flux [lm]	alpha (smel)
1,800	2685	0.231
2,000	3165	0.256
2,500	4040	0.334
2,700	3925	0.376
3,000	3800	0.439
3,500	3685	0.540
4,000	3630	0.634
4,500	3610	0.721
5,000	3610	0.799
5,500	3615	0.870
6,000	3630	0.934
6,500	3650	0.992
7,000	3645	1.043
8,000	3230	1.130
9,000	2950	1.202
10,000	2745	1.260
12,000	2490	1.349
14,000	2330	1.413
16,000	2220	1.460

ORDER DATA

Art.No.	Luminaire
K-VBHL-NL-810	Vibe suspended luminaire / PI-LED / NeoLink / White (RAL 9003)
K-VBHL-DA-810	Vibe suspended luminaire / PI-LED / DALI DT8 / White (RAL 9003)
Art. No.	**Package with radio control dial**
K-VBHL-NL-810-S	1x Vibe suspended luminaire, White, NeoLink, with control and accessories

* Required control on page 58 ff.

Notes
The photometric data of a tolerance of +/- 15%, the electrical data of a tolerance of +/- 15%. Unless otherwise specified, the values are based on 3,000K and an ambient temperature of 25°C. Permissible operating temperature 10°C - 35°C. The manufacturer reserves the right to change any product specification without prior notice. CCT values outside the range 2.500-7.000K can be set in the CIE-xy mode. The coefficient alpha(smel) describes the melanopic effectiveness of the light source on humans and their circadian rhythm. To give the natural human biorhythm the best possible support, the melatonin production can be minimized by higher values of alpha(smel) throughout the day and stimulated by lower values in the evening. PI-LED enables the implementation of an illumination that is not only visually but also biologically/melanopic effective. For a standard-conforming lighting design, Lumitech recommends the document DIN SPEC 5031-100 to be taken as a basis. More documents can be found at **www.kiteo.eu.**

Last change: 07.03.2019