

K-CONSULTATIO

FOR CLEAR SILHOUETTES IN THE OFFICE

- Discreet and uncluttered design for multiple applications
- High-quality extruded aluminium profile
- Improved concentration and increase in performance at the workplace due to the simulated circadian daylight sequence
- 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
- Variants with indirect light components
- For direct light components: Glare-reducing microprism reflector optics
- Optimal conditions for the displays of work stations UGR<19 (for microprismatic optic)
- Operating temperature monitoring with automatic dimming function
- Mounting: Surface-mounted | Pendant



Environment
friendly



Low
consumption



Long
service life



Tunable
White



Brightness
dimmable



RGB
adjustable

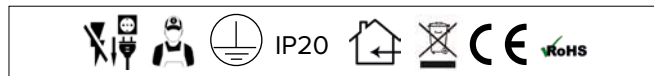
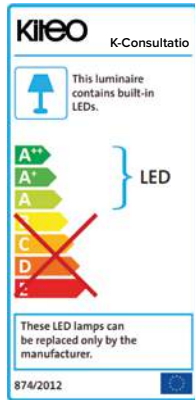


Excellent
CRI

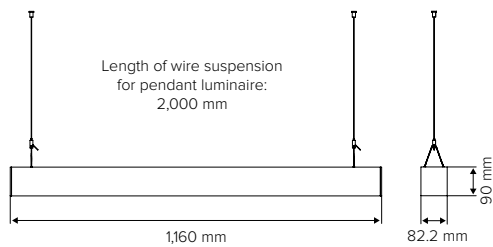
TECHNICAL DATA

K-CONSULTATIO Surface-mounted | Pendant luminaire

Luminous source	LED module PI-LED
Connected load	42 W (direct) 60 W (indirect/direct)
Luminous flux	direct opal: 3,500 lm direct prismatic: 3,200 lm indirect: 1,700 lm
Colour temperature	1,800 K–16,000 K
CRI	90
Protection category / Protection class	IP 20 / I
Dimming range	CCT/CIE-xy 5–100% RGB 0–100% L80/B10 50,000h
Service lifetime	
Tests / approvals	CE / RoHS Conformity
Weight	5 kg
Operating voltage	230 VAC 50Hz
Control mode	NeoLink/ZigBee DALI DT8
Mounting	Surface-mounted Pendant luminaire



Dimensions



ORDER DATA

Art.No.	Luminaire
K-CONS-ABL-1200-MP-NL	K-Consultatio surface mounted luminaire / PI-LED / MP / NeoLink / Anodized Aluminium
K-CONS-ABL-1200-OP-NL	K-Consultatio surface mounted luminaire / PI-LED / OP / NeoLink / Anodized Aluminium
K-CONS-ABL-1200-MP-DA	K-Consultatio surface mounted luminaire / PI-LED / MP / DALI DT8 / Anodized Aluminium
K-CONS-ABL-1200-OP-DA	K-Consultatio surface mounted luminaire / PI-LED / OP / DALI DT8 / Anodized Aluminium
K-CONS-HL-1200-MP-NL-DI	K-Consultatio suspended luminaire / PI-LED / MP-DI / NeoLink / Anodized Aluminium
K-CONS-HL-1200-MP-NL-IN	K-Consultatio suspended luminaire / PI-LED / MP-IN / NeoLink / Anodized Aluminium
K-CONS-HL-1200-OP-NL-DI	K-Consultatio suspended luminaire / PI-LED / OP-DI / NeoLink / Anodized Aluminium
K-CONS-HL-1200-OP-NL-IN	K-Consultatio suspended luminaire / PI-LED / OP-IN / NeoLink / Anodized Aluminium
K-CONS-HL-1200-MP-DA-DI	K-Consultatio suspended luminaire / PI-LED / MP-DI / DALI DT8 / Anodized Aluminium
K-CONS-HL-1200-MP-DA-IN	K-Consultatio suspended luminaire / PI-LED / MP-IN / DALI DT8 / Anodized Aluminium
K-CONS-HL-1200-OP-DA-DI	K-Consultatio suspended luminaire / PI-LED / OP-DI / DALI DT8 / Anodized Aluminium
K-CONS-HL-1200-OP-DA-IN	K-Consultatio suspended luminaire / PI-LED / OP-IN / DALI DT8 / Anodized Aluminium

Art.No.	Accessory
K-Z1001020**	Profile connector with threaded pins

** 1 pc. K-Z1001020 contains 4 single connecting pieces which connect 2 luminaires to form a lighted strip.

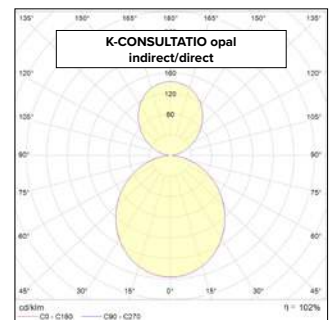
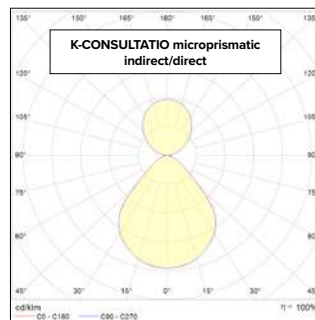
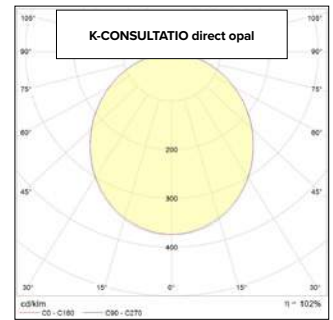
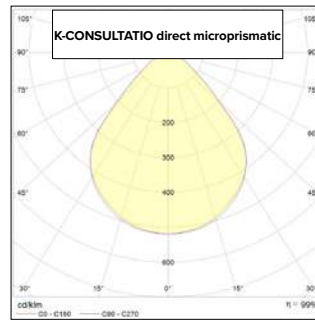
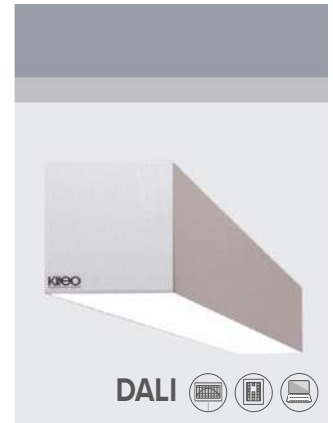


* Required control on page 58 ff.

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



CCT [K]	VISUAL DATA			MELANOPIC ACTION FACTOR
	Luminous flux [lm]			alpha(smel)
	dir, opal	dir, Prisma	indir,	
1,800	1960	1800	1000	0.258
2,000	2220	2040	1125	0.293
2,500	2900	2665	1460	0.371
2,700	3190	2930	1600	0.400
3,000	3500	3200	1700	0.440
3,500	3330	3045	1625	0.501
4,000	3220	2950	1575	0.554
4,500	3150	2880	1540	0.602
5,000	3095	2835	1520	0.645
5,500	3060	2800	1505	0.683
6,000	3030	2775	1495	0.716
6,500	3005	2755	1490	0.748
7,000	2990	2740	1480	0.775
8,000	2940	2635	1475	0.821
9,000	2720	2440	1470	0.858
10,000	2560	2300	1470	0.888
12,000	2350	2110	1470	0.933
14,000	2220	1990	1465	0.965
16,000	2125	1910	1465	0.989