

LIQUID

PERFECT LIGHT FOR EVERY OCCASION

- Unique mirror luminaires with automatic daylight sequence
- Natural anodized aluminium
- 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
- Operating temperature monitoring with automatic dimming function
- Direct 230 V mains connection
- Mounting: Surface (wall) mounted



Environment
friendly



Low
consumption



Long
service life



Tunable
White



Brightness
dimmable



RGB
adjustable

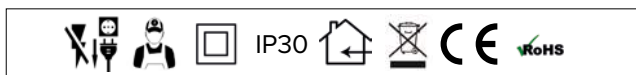
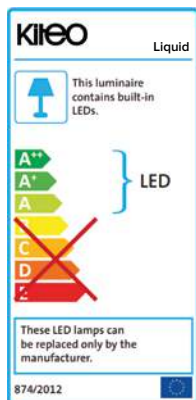


Excellent
CRI

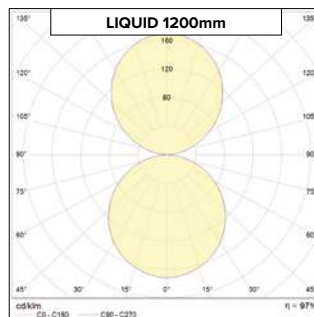
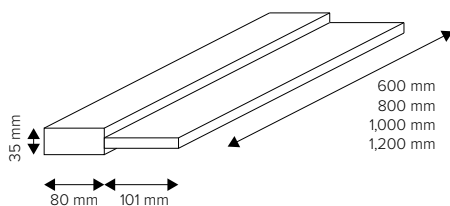
TECHNICAL DATA

LIQUID Mirror luminaire

Luminous source	LED module PI-LED
Connected load	600/800 mm: 25 W 1,000 mm: 35 W 1,200 mm: 43 W
Luminous flux	600/800 mm: 950 lm 1,000 mm: 1,400 lm 1,200 mm: 1,850 lm
Colour temperature	1,800 K–16,000 K
CRI	90
Protection category	IP 30
Dimming range	CCT/CIE-xy 5–100% RGB 0–100%
Service lifetime	L80/B10 50,000h
Tests / approvals	CE / RoHS Conformity
Weight	600 mm: 2.5 kg 800 mm: 3.2 kg 1,000 mm: 4.0 kg 1,200 mm: 4.8 kg
Operating voltage	230 VAC
Control mode	NeoLink/ZigBee
Protection class	II
Mounting	Surface-mounted (wall)



Dimensions



ORDER DATA

Art.No.	Luminaire
K-LQ-0600-WM	Liquid wall-mounted luminaire / PI-LED / NeoLink / 600mm / Aluminium naturally anodized
K-LQ-0800-WM	Liquid wall-mounted luminaire / PI-LED / NeoLink / 800mm / Aluminium naturally anodized
K-LQ-1000-WM	Liquid wall-mounted luminaire / PI-LED / NeoLink / 1000mm / Aluminium naturally anodized
K-LQ-1200-WM	Liquid wall-mounted luminaire / PI-LED / NeoLink / 1200mm / Aluminium naturally anodized
Art.No.	Package changing room
K-LQ-1000-WM-BP	Basic package: 1 x Liquid wall-mounted luminaire, 1000mm with four-fold wireless pushbutton
K-LQ-1000-WM-KP	Comfort package: 1 x Liquid wall-mounted luminaire, 1000mm with 2x K-Spot 12F and 1x 4-fold wireless pushbutton
Art.No.	Radio push button (4-gang)
K-Z1001016	Four-fold wall switch studio white
K-Z1001017	One-fold frame for wall switch, studio white

CCT [K]	VISUAL DATA			MELANOPIC ACTION FACTOR
	Luminous flux [lm]			alpha (smel)
	600 mm 800 mm	1,000 mm	1,200 mm	
1,800	580	850	1125	0.256
2,000	655	960	1270	0.291
2,500	860	1265	1670	0.370
2,700	945	1395	1840	0.399
3,000	950	1400	1850	0.440
3,500	905	1335	1760	0.503
4,000	875	1290	1705	0.559
4,500	855	1260	1665	0.608
5,000	840	1240	1635	0.653
5,500	830	1220	1615	0.692
6,000	820	1210	1600	0.727
6,500	815	1200	1590	0.760
7,000	810	1195	1580	0.789
8,000	805	1185	1565	0.836
9,000	800	1180	1555	0.875
10,000	795	1175	1550	0.906
12,000	790	1170	1540	0.953
14,000	790	1165	1535	0.987
16,000	785	1160	1530	1.012

* Required control on page 58 ff.

DALI DT8 available on request.

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