



PRODUCT SPECIFICATION

LOKE Pendant Up/Down 120

P/N: 100034



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

The BrainLit Loke is a dynamic LED pendant that combines independently controlled task and general lighting. Placement and direction of emission allows for very high illuminance without causing eye discomfort. At the same time it is conveniently placed in any ceiling type. By dynamically adjusting its color temperature anywhere between ice blue white (6500K) to warm white (2700K), up- and down-light independently, you can transform the ambiance of a room and promote the circadian alignment. The BrainLit Loke pendant embraces the black body curve with exceptional color rendering, while dimming smoothly down to 0,1%.

AREAS OF USE (examples)

- Office** High Value Offices / High Risk Offices / Meetings & Seminar Rooms
- Industrial** High Value Manufacturing / High Risk Operations / Control Rooms
- Education** Conference Centres / Class Rooms
- Hospitality** Customer Interaction Centres / Receptions / Conference Rooms / Premium Room Settings / Terminals / Lounges
- Residential** Nursing Homes / Elderly Care / Luxury Room Settings

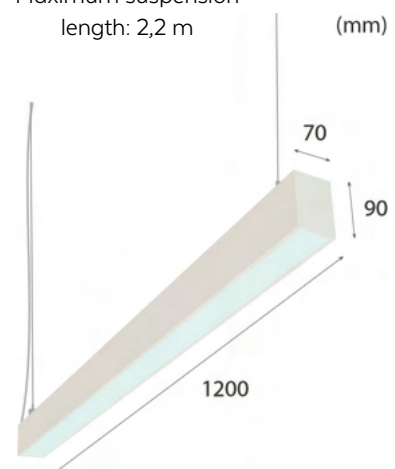
MEASUREMENTS / PACKAGING

Weight (kg)	4,9
Size LxWxH (mm)	1200x70x90
Diameter (mm)	N/A
Box quantity	4
Boxed size LxWxH (mm)	1280x100x180
Boxed weight (kg)	7,5

MARKET AVAILABILITY

EMEA EU

Maximum suspension length: 2,2 m (mm)



PRODUCT TECHNICAL SPECIFICATION

LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-6500K
Color rendering	CRI/Ra >90
Lumen output up/down	3500/3500lm
mDER range	46% - 96%
Beam angle up/down	120°/80°
Dimming range	0,1% - 100 %
Flicker handling	$P_{st}^{LM} \leq 1$, SVM $\leq 0,4$, IEEE 1789 comp.
Lifetime	0,88 (LLMF 50 000h) >100 000h (L70B50)

POWER PROPERTIES

Rated input	75W
Efficacy*	109 lm/W
Supply voltage range	120-250V
Supply power frequency	50/60Hz
Maximum circuit breaker loading (no of luminaires):	B10 B13 B16 C10 C13 C16 @230V 21 27 33 21 27 33
DALI device type	6
DALI address usage	4
DALI-2 compliant	Yes
Power and DALI connector	WAGO WINSTA®. Cable length 3 m

MECHANICAL PROPERTIES

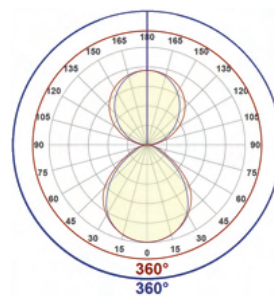
Colors	Powder coated white (RAL 9016)
Material	Aluminum, steel, PC
Configuration	Pendant down + uplight
Mounting	Pendant, single or continuous run
IP rating	IP20
Certifications	CE

*At maximum intensity and CCT

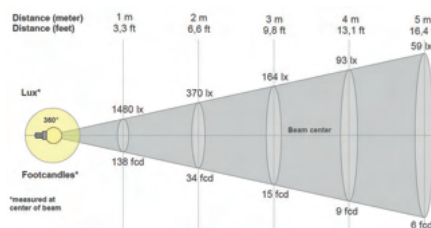
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TYPICAL CHARACTERIZATION DATA

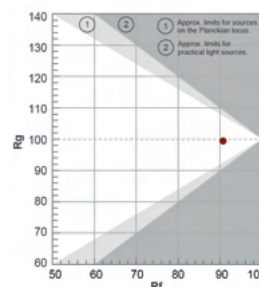
Light distribution



Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)

