

The BCL[™] System by BrainLit – an intelligent lighting solution mimicking natural daylight indoors for human wellbeing

PRODUCT SPECIFICATION

ASK Ceiling panel 60x60

SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

The BrainLit Ask is a dynamic LED ceiling panel that brings brightness to any room. It instantly alters the emotional experience of a space. By dynamically adjusting its color temperature anywhere between ice blue white (7300K) to warm white (2700K), you can transform the ambience of a room and promote the circadian alignment.

The BrainLit Ask luminaire embraces the black body curve with exceptional color rendering, while dimming smoothly down to 0,1 %.

AREAS OF USE (examples)

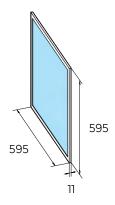
Office	High Value Offices / High Risk Offices / Meetings & Seminar Rooms
Industrial	High Value Manufacturing / High Risk Operations / Control Rooms
Education	Conference Centres / Class Rooms
Hospitality	Customer Interaction Centres / Receptions / Conference Rooms / Premium Room Settings / Terminals / Lounges
Healthcare	Surgical Theaters / Sterile Processing Dep. / Intensive Care Units / Wards-Long Term Care / Dialysis Centres
Residential	Nursing Homes / Elderly Care / Luxury Room Settings

MEASUREMENTS / PACKAGING

Weight (kg)	3,7
Size LxWxH (mm)	595x595x11
Diameter (mm)	N/A
Box quantity	4
Boxed size LxWxH (mm)	765x255x655
Boxed weight (kg)	20

MARKET AVAILABILITY

EMEA EU



Driver size LxWxH (mm): 155x80x30



PRODUCT TECHNICAL SPECIFICATION LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-7300K
Color rendering	CRI/Ra >90
Lumen output	3800lm
mDER range	40% - 108%
Beam angle	110°
Dimming range	0,1% - 100%
Flicker handling	P _{st} ^{LM} ≤1, SVM ≤0,4, IEEE 1789 comp.
Lifetime	0,81 (LLMF 50 000h)
	83 000h (L70B50)

51W

80 lm/W

120-250V

50/60Hz

6

Yes

Power and DALI connector WAGO WINSTA®. Cable length: 1,5m

@230V 43

B10 B13 B16 C10 C13 C16

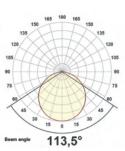
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69 43

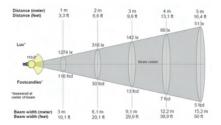
56

TYPICAL CHARACTERIZATION DATA

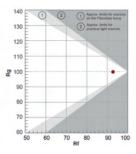
Light distribution



Beam description



Color rendering TM-30



MECHANICAL PROPERTIES

POWER PROPERTIES

Rated input power

Supply voltage range

DALI device type

DALI-2 compliant

Supply power frequency

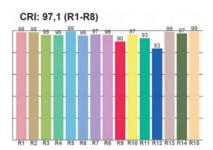
Maximum circuit breaker

loading (no of luminaires):

Efficacy*

Colors	Anodized aluminum
Material	Steel, aluminum, PMMA, PS
Configuration	Edge lit ceiling panel
Mounting	Recessed, surface or pendant using frame
IP rating	IP44
Certifications	CE

Color rendering CRI, (CIE 1931)



*At maximum intensity and CCT

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