PRODUCT SPECIFICATION

ASK Ceiling panel 60x60

P/N: 100001

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.

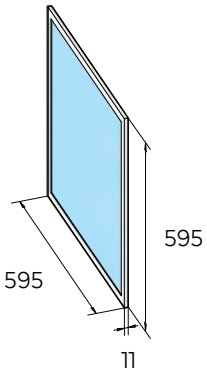
The BrainLit Ask luminaire embraces the black body curve with exceptional color rendering, while dimming smoothly down to 0,1 %.

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



Driver size LxWxH (mm): 155x80x30

MARKET AVAILABILITY

EMEA	EU

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)

POWER PROPERTIES

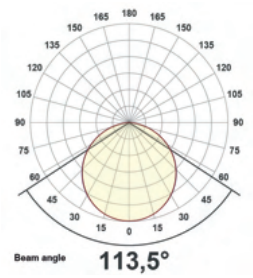
Rated input power	51W						
Efficacy*	80 lm/W						
Supply voltage range	120-250V						
Supply power frequency	50/60Hz						
Maximum circuit breaker loading (no of luminaires):		B10	B13	B16	C10	C13	C16
	@230V	43	56	69	43	56	69
DALI device type	6						
DALI-2 compliant	Yes						
Power and DALI connector	WAGO WINSTA®. Cable length: 1,5m						

MECHANICAL PROPERTIES

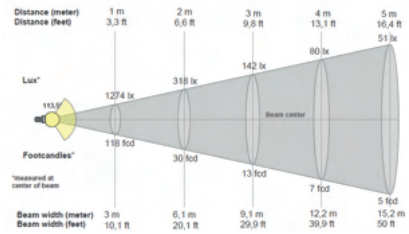
Colors	Anodized aluminum
Material	Steel, aluminum, PMMA, PS
Configuration	Edge lit ceiling panel
Mounting	Recessed, surface or pendant using frame
IP rating	IP44
Certifications	CE

TYPICAL CHARACTERIZATION DATA

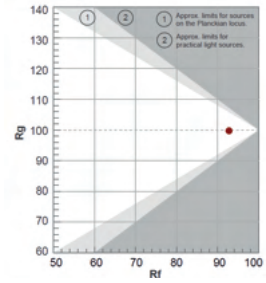
Light distribution



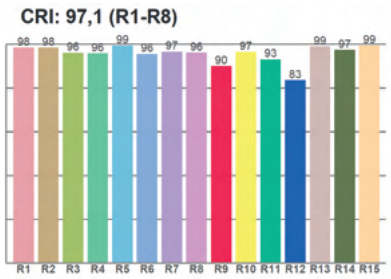
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



*At maximum intensity and CCT

BrainLit AB, Annedalsvägen 9,
227 64 Lund, Sweden

+46 46-37 26 00
info@brainlit.com

www.brainlit.com

BRAINLIT
Biocentric lighting