

PRODUCT SPECIFICATION

EMBLA DEEP DIM Ceiling Panel 60x60

P/N: 100035



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

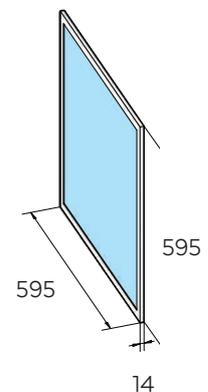
The BrainLit EMBLA DEEP DIM, a 24/7 Tunable white ceiling panel, that provides the right light daytime as well as night time. By dynamically adjusting its color temperature anywhere between ice blue white (7300K) to blue deprived warm white (1600K), you can transform the ambience of a room and promote the circadian alignment in the right way whether used during day- or night time. The color temperature range corresponds to a DER range of 18% to 108%. The TW embraces the black body curve while dimming smoothly and flicker free down to 0,1% while providing up to 3200lm. Similarly when used at night the low temperature white ensures comfortable blue deprived light to relax or work in.

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)	4,0
Size LxWxH (mm)	595x595x14
Diameter (mm)	N/A
Box quantity	4
Boxed size LxWxH (mm)	745x255x655
Boxed weight (kg)	19,7



MARKET AVAILABILITY

EMEA EU



PRODUCT TECHNICAL SPECIFICATION

LIGHT PROPERTIES

Light source type	LED
LED color temperature	1600K-7300K
Color rendering	CRI/Ra >90
Lumen output	Max 3200lm
mDER range	18%-108%
Beam angle	110°
Dimming range	0,1%-100%
Flicker handling	$P_{st}^{LM} \leq 1$, SVM ≤ 0.4 , IEEE 1789 comp.
Lifetime	0,81 (LLMF (50 000h) 83 000h (L70B50)

POWER PROPERTIES

Rated input power	53 W
Efficacy*	64 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 28 34 21 28 34
DALI device type	6
DALI-2 compliant	Yes
Power and DALI connector	WAGO WINSTA®. Cable length 1,5m

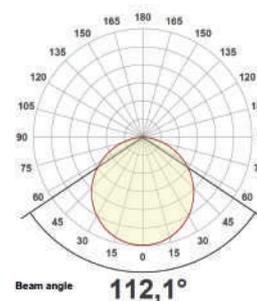
MECHANICAL PROPERTIES

Colors	Anodized aluminum (Al)
Material	Aluminum + PMMA
Configuration	Edge lit panel for drop down ceiling
Mounting	Recessed, surface or pendant using frame
IP rating	44
Certifications	CE
Warranty	5 years

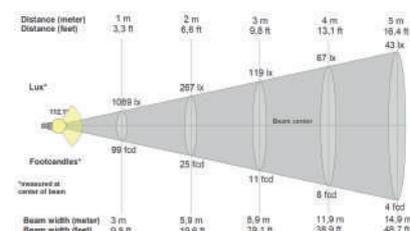
*At maximum intensity and CCT

TYPICAL CHARACTERIZATION DATA

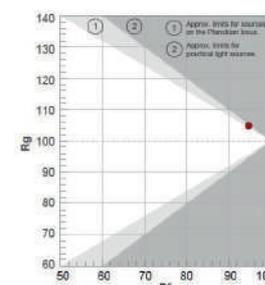
Light distribution



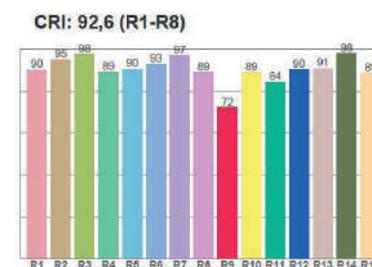
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



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