



PRODUCT SPECIFICATION

ASK Ceiling panel 2'x 2'

P/N: BLT_LM-030/22-05-011/F_GG



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.

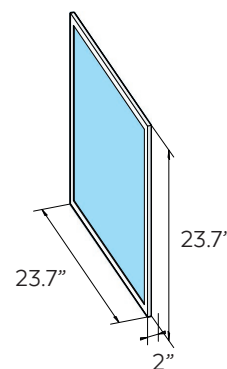
The BrainLit ASK luminaire embraces the black body curve with exceptional color rendering, while dimming smoothly down to 0.1%.

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 (lbs)	8
Size LxWxH (in)	23.7x23.7x2
Diameter (in)	N/A
Box quantity	4
Boxed size LxWxH (in)	31x11x26
Boxed weight (lbs)	45



Height excluding driver box: 0.43"

MARKET AVAILABILITY

Americas US, Canada



PRODUCT TECHNICAL SPECIFICATION

LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-7300K
Color rendering	CRI/Ra >90
Lumen output	3,800lm
mDER range	40% - 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

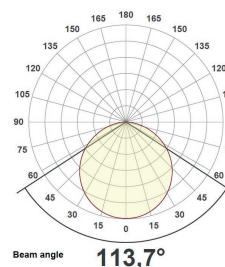
Rated input power	51W																		
Efficacy*	80 lm/W																		
Supply voltage range	120-277V																		
Supply power frequency	50/60Hz																		
Maximum circuit breaker loading (no of luminaires):	<table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td></td> <td>10A</td> <td>15A</td> <td>20A</td> <td>25A</td> <td>30A</td> </tr> <tr> <td>@277V</td> <td>38</td> <td>56</td> <td>76</td> <td>96</td> <td>114</td> </tr> <tr> <td>@120V</td> <td>16</td> <td>24</td> <td>32</td> <td>40</td> <td>50</td> </tr> </table>		10A	15A	20A	25A	30A	@277V	38	56	76	96	114	@120V	16	24	32	40	50
	10A	15A	20A	25A	30A														
@277V	38	56	76	96	114														
@120V	16	24	32	40	50														
DALI device type	6																		
DALI-2 compliant	Yes																		
Power, DALI connection	Push-in terminal																		

MECHANICAL PROPERTIES

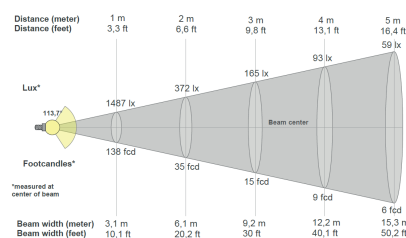
Colors	Anodized aluminum (AL)
Material	Aluminum + PMMA
Configuration	Edge lit panel for drop down ceiling
Mounting	Recessed
IP rating	IP44, damp locations
Operating temperature	-4 °F to 122 °F
Certifications	UL, cUL, RoHS

TYPICAL CHARACTERIZATION DATA

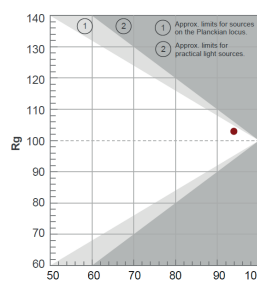
Light distribution



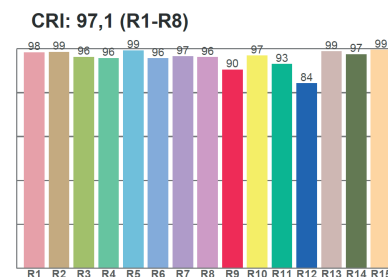
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



*At maximum intensity and CCT

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