



PRODUCT SPECIFICATION BALDER Pendant 90

P/N: BLT_LM-015/90-02-006/F_GG



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

The BrainLit BALDER is a pendant, dynamic LED luminaire that brings brightness and spacious atmosphere. It instantly alters the emotional experience of your environment. By dynamically adjusting its color temperature anywhere between cold white (6500K) to warm white (2700K), you can transform the ambience of a room and promote the circadian alignment.

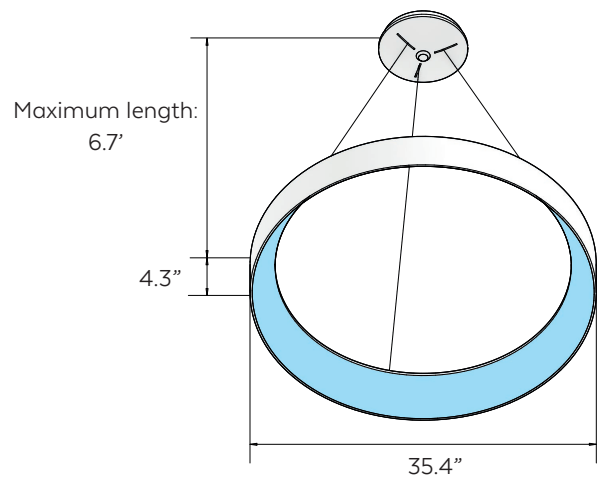
The BrainLit Balder luminaire embraces the black body curve with exceptional color rendering while dimming smoothly down to 0.1%.

AREAS OF USE (examples)

Office	High Value Offices / High Risk Offices / Meetings & Seminar Rooms
Education	Conference Centres / Class Rooms
Hospitality	Customer Interaction Centres / Receptions / Terminals / Conference Centres
Residential	Nursing Homes / Elderly Care / Luxury Room Settings

MEASUREMENTS / PACKAGING

Weight (lbs)	14
Height (in)	4.3
Diameter (in)	35.4
Box quantity	1
Boxed size LxWxH (in)	38x38x6.3
Boxed weight (lbs)	17



MARKET AVAILABILITY

AMERICAS	US, Canada
EMEA	EU



PRODUCT TECHNICAL SPECIFICATION

LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-6500K
Color rendering	CRI/Ra >90
Lumen output	Max 6,900lm
mDER range	42% - 95%
Beam angle	183°
Dimming range	0.1% - 100%
Flicker handling	$P_{st}^{LM} \leq 1$, SVM ≤ 0.4 , IEEE 1789 comp.
Lifetime	0.87 (LLMF 50,000h) >100,000h (L70B50)

POWER PROPERTIES

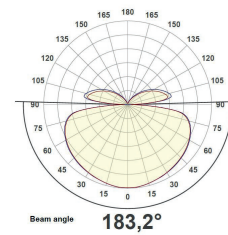
Rated input power	95W																		
Efficacy*	73 lm/W																		
Supply voltage range	120-277V																		
Supply power frequency	50/60Hz																		
Maximum circuit breaker loading (no of luminaires):	<table border="0"> <tr> <td></td> <td>10A</td> <td>15A</td> <td>20A</td> <td>25A</td> <td>30A</td> </tr> <tr> <td>@277V</td> <td>18</td> <td>28</td> <td>38</td> <td>48</td> <td>56</td> </tr> <tr> <td>@120V</td> <td>8</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> </tr> </table>		10A	15A	20A	25A	30A	@277V	18	28	38	48	56	@120V	8	12	16	20	24
	10A	15A	20A	25A	30A														
@277V	18	28	38	48	56														
@120V	8	12	16	20	24														
DALI device type	8																		
DALI-2 compliant	Yes																		
Power, DALI connection	Push-in terminal																		

MECHANICAL PROPERTIES

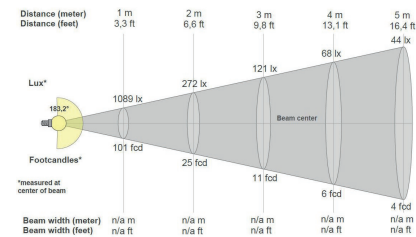
Colors	White matte (RAL 9003)
Material	Aluminum + PS
Configuration	Backlit
Mounting	Pendant
IP rating	IP20, dry locations
Operating temperature	-4 °F to 122 °F
Certifications	CE, UL, cUL, RoHS

TYPICAL CHARACTERIZATION DATA

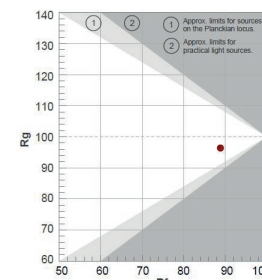
Light distribution



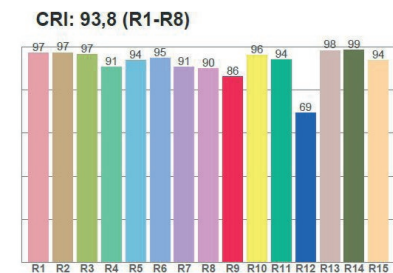
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



*At maximum intensity and CCT

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