

## PRODUCT SPECIFICATION

### ASTRID Linear 4ft

**Part number:**

- BLALIP4-50-9-2765-80-2765-U-DALI-W-W-Pendant downlight, single run
- BLALIS4-50-9-2765-80-2765-U-DALI-W-W-Surface downlight, single run
- BLALIRDF4-50-9-2765-80-2765-U-DALI-W-W-Drywall recessed downlight, single run
- BLALIRG4-50-9-2765-80-2765-U-DALI-W-W-T-grid recessed downlight, single run



## SOLUTION DESCRIPTION

### PRODUCT DESCRIPTION

The BrainLit ASTRID is a dynamic LED pendant that combines independently controlled task and general lighting. Placement and direction of emission allows for very high luminous flux (4200lm) without causing eye discomfort. At the same time it is conveniently placed in any ceiling type. By dynamically adjusting its color temperature anywhere between ice blue white (6500K) to warm white (2700K), up- and down-light independently, you can transform the ambiance of a room and promote the circadian alignment. The BrainLit ASTRID pendant embraces the black body curve with exceptional color rendering, while dimming smoothly down to 0.1%.

### AREAS OF USE (examples)

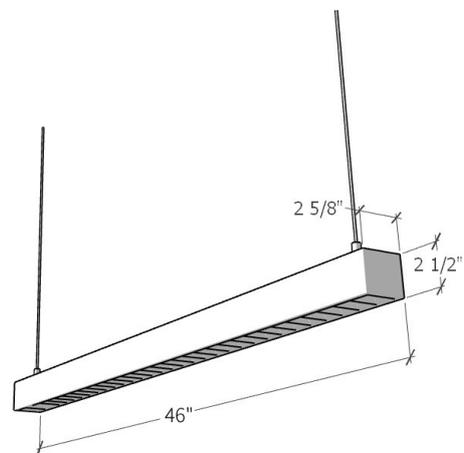
- Office** High Value Offices / High Risk Offices / Meetings & Seminar Rooms
- Industrial** High Value Manufacturing / High Risk Operations / Control Rooms
- Education** Conference Centres / Class Rooms
- Hospitality** Customer Interaction Centres / Receptions / Conference Rooms / Premium Room Settings / Terminals / Lounges
- Residential** Nursing Homes / Elderly Care / Luxury Room Settings

## MEASUREMENTS / PACKAGING

<b>Weight (lbs)</b>	9
<b>Size LxWxH (in)</b>	46x2-1/2x2-5/8
<b>Box quantity</b>	1

## MARKET AVAILABILITY

<b>AMERICAS</b>	US, Canada
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## PRODUCT TECHNICAL SPECIFICATION

### LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-6500K
Color rendering	CRI/Ra >90
Lumen output	Max 4,200lm
mDER range	44%-95%
Beam angle	80°
Dimming range	0.1% - 100 %
Flicker handling	$P_{st}^{LM} \leq 1$ , SVM $\leq 0.4$ , IEEE 1789 comp.
Lifetime	0.88 (LLMF 50,000h) >100,000h (L70B50)

### POWER PROPERTIES

Rated input	36 W																		
Efficacy*	114 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>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 supply and DALI connector	Pendant: 10 ft cable. Other: Pigtail																		

### MECHANICAL PROPERTIES

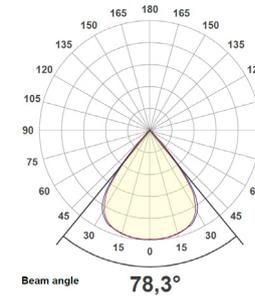
Colors	Powder coated white (RAL 9016)
Material	Aluminum + PMMA
Configuration	Louvered
Mounting	Pendant, surface, recessed, single or continuous run
IP rating	Damp locations
Seismic support	Seismic Brackets
Certifications	ETL, RoHS

\*At maximum intensity and neutral CCT

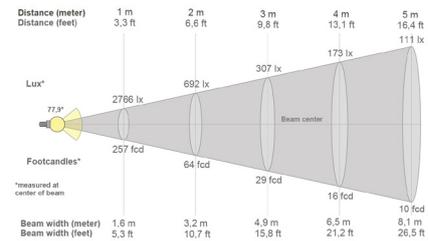
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## TYPICAL CHARACTERIZATION DATA

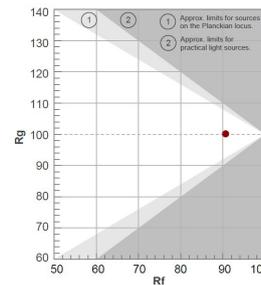
### Light distribution



### Beam description



### Color rendering TM-30



### Color rendering CRI, (CIE 1931)

