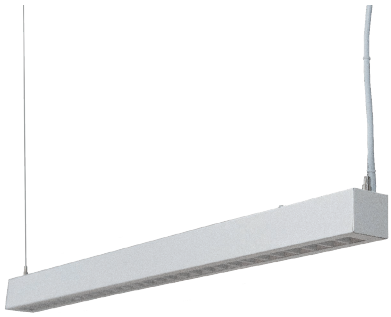
PRODUCT SPECIFICATION

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

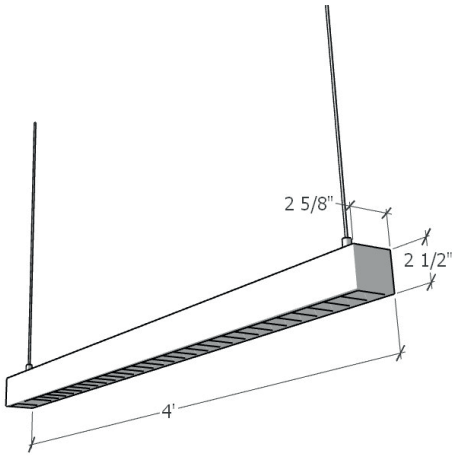
The BrainLit ASTRID is a dynamic LED pendant that combines independently controlled task and general lighting. Placement and direction of emission allows for very high luminous flux (4200lm) without causing eye discomfort. At the same time it is conveniently placed in any ceiling type. By dynamically 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

Weight (lbs)	9
Size LxWxH (in)	48x2-1/2x2-5/8
Box quantity	1



MARKET AVAILABILITY

AMERICAS	US, Canada

Intertek

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} ≤1, SVM ≤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):

	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

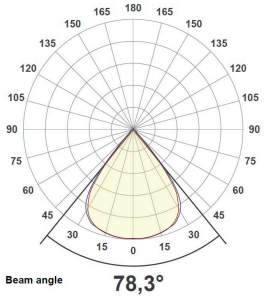
MECHANICAL PROPERTIES

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

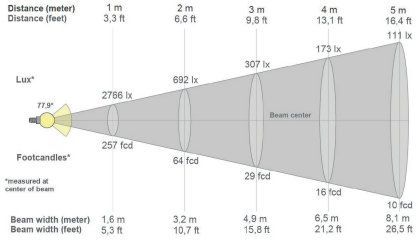
*At maximum intensity and neutral CCT

TYPICAL CHARACTERIZATION DATA

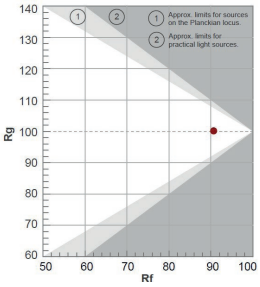
Light distribution



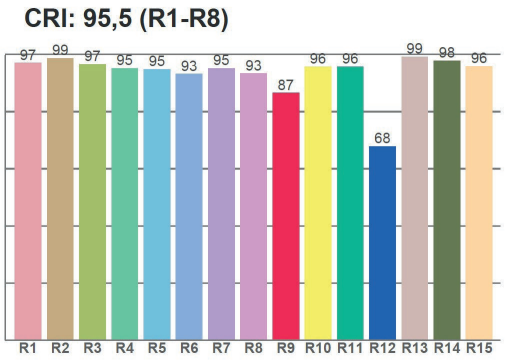
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



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BRAINLIT
Biocentric lighting