



## PRODUCT SPECIFICATION

### FREJA Spotlight 60 deg/15 deg

Article no: 100002 (Beam angle 60°)

Article no: 100003 (Beam angle 15°)



## SOLUTION DESCRIPTION

### PRODUCT DESCRIPTION

The BrainLit Freja is a powerful yet discrete, tilttable, dynamic, recessed LED spot light that brings life and contrast to any room. It provides balance to the emotional experience of a space. 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.

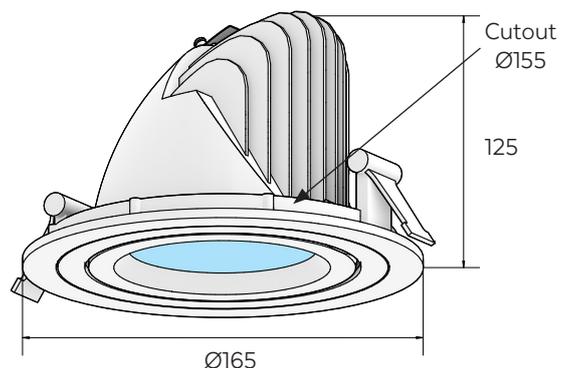
The BrainLit Freja embraces the black body curve with exceptional color rendering. At max power it provides 2200lm and dims smoothly down to 0.1%.

### AREAS OF USE (examples)

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

## MEASUREMENTS / PACKAGING

Weight (kg)	1,2
Size LxWxH (mm)	NAxNax125
Diameter (mm)	165
Box quantity	1
Boxed size LxWxH (mm)	205x185x160
Boxed weight (kg)	1,3



Driver size LxWxH (mm): 154x78x31

## MARKET AVAILABILITY

EMEA EU



## PRODUCT TECHNICAL SPECIFICATION

### LIGHT PROPERTIES

Light source type	LED
LED color temperature	6500K-2700K
Color rendering	CRI/Ra >90
Lumen output	2200lm
mDER range	42%-99%
Beam angle	60° or 15°
Dimming range	0,1% - 100 %
Flicker handling	P <sub>st</sub> <sup>LM</sup> ≤1, SVM ≤0,4, IEEE 1789 comp.
Lifetime	0,85 (LLMF 50 000h) >100 000h (L70B50)

### POWER PROPERTIES

Rated input power	38 W
Efficacy*	67 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 43 56 69 43 56 69
DALI device type	6
DALI-2 compliant	Yes
Power supply and DALI connector	WAGO WINSTA® 0,5m

### MECHANICAL PROPERTIES

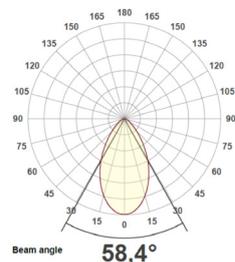
Colors	White (RAL 9003)
Material	Die cast aluminum
Configuration	Recessed tiltable spot light
Mounting	Recessed
IP rating	20
Certifications	CE
Warranty	5 years

\*At maximum intensity and CCT

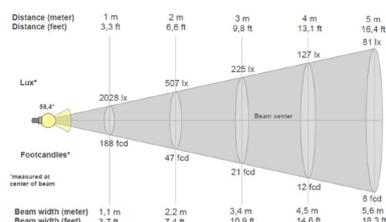
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## TYPICAL CHARACTERIZATION DATA

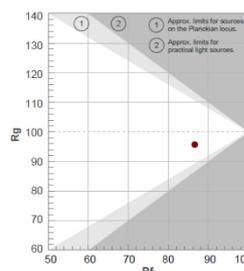
### Light distribution



### Beam description



### Color rendering TM-30



### Color rendering CRI, (CIE 1931)

