

PRODUCT SPECIFICATION

FREJA SUNSPOT Spotlight 60 deg

P/N: 100031



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

The BrainLit Freja Sunspot is a powerful yet discreet, tiltable, 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 neutral white (4000K) to very warm white (1800K) you can transform the ambience of a room and promote the circadian alignment.

The BrainLit Freja Sunspot embraces the black body curve with exceptional color rendering. At max power it provides 2400lm and dims 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 Centres / Terminals / Lounges / Premium Room Settings

Residential Nursing Homes / Elderly Care / Luxury

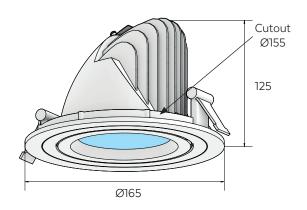
Room Settings

MEASUREMENTS / PACKAGING

Weight (kg)	1.2
Size LxWxH (mm)	NAxNAx125
Diameter (mm)	165
Box quantity	1
Boxed size LxWxH (mm)	210x180x160
Boxed weight (kg)	1.3

MARKET AVAILABILITY

EMEA EU



Driver size LxWxH (mm): 154x78x31



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PRODUCT TECHNICAL SPECIFICATION LIGHT PROPERTIES

Light source type LED

LED color temperature 1800K-4000K

Color rendering CRI/Ra >90

Lumen output Max 2400lm

mDER range 20%-66%

Beam angle 60°

Dimming range 0,1% - 100%

Flicker handling P_{ct} LM ≤1, SVM ≤0,4, IEEE 1789 comp.

Lifetime 0,91 (LLMF 50 000h)

>100 000h (L70B50)

POWER PROPERTIES

Rated input power 33 W

Efficacy* 73 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 and DALI connector WAGO WINSTA®. Cable length 0,5m

MECHANICAL PROPERTIES

Colors White (RAL 9003)

Material Die cast aluminum

Configuration Recessed tiltable spot light

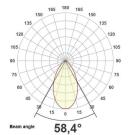
Mounting Recessed

IP rating 20

Certifications CE

TYPICAL CHARACTERIZATION DATA

Light distribution



*At maximum intensity and CCT

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