



PRODUCT SPECIFICATION

FREJA Spotlight 60 deg/15 deg

P/N: 100002 (Beam angle 60°)

P/N: 100003 (Beam angle 15°)



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

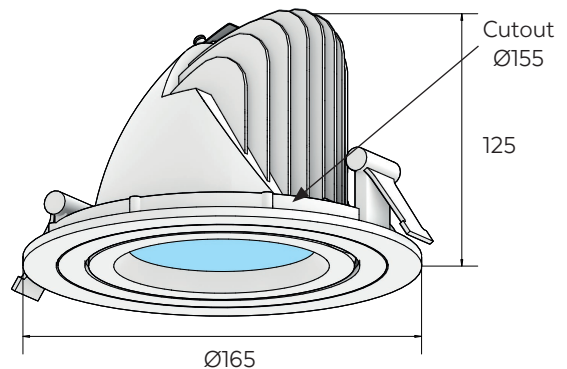
BrainLit FREJA is a powerful yet discreet, tiltable, dynamic, recessed LED spotlight that brings life and contrast to any room. It provides balance to the emotional experience of a space. By dynamically adjusting its color temperature anywhere between cold white (6500K) to warm white (2700K) you can transform the ambience of a room and promote the circadian alignment. BrainLit FREJA embraces the black body curve with exceptional color rendering. It provides 2200lm at full power 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



Driver size LxWxH (mm): 154x78x31

MARKET AVAILABILITY

EMEA EU



PRODUCT TECHNICAL SPECIFICATION

LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-6500K
Color rendering	CRI/Ra >90
Lumen output	2200lm
mDER range	42%-99%
Beam angle	60° or 15°
Dimming range	0,1% - 100 %
Flicker handling	$P_{st}^{LM} \leq 1$, SVM $\leq 0,4$, 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 and DALI connector	WAGO WINSTA®. Cable length: 0,5m

MECHANICAL PROPERTIES

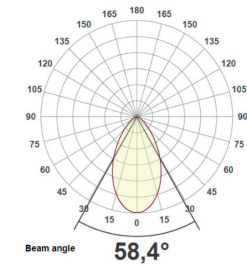
Colors	White (RAL 9003)
Material	Die cast aluminum
Configuration	Recessed tiltable spot light
Mounting	Recessed
IP rating	20
Certifications	CE

*At maximum intensity and CCT

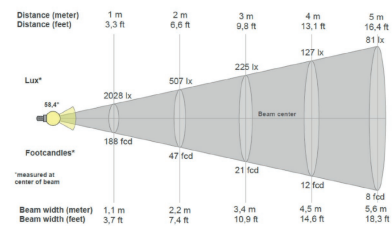
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TYPICAL CHARACTERIZATION DATA

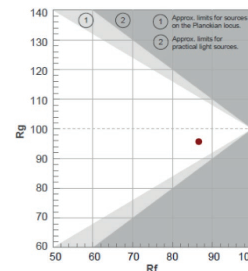
Light distribution



Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)

