



PRODUCT SPECIFICATION

BALDER Pendant 90

P/N: 100046



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

The BrainLit Balder is a pendant, dynamic LED luminaire that brings brightness and spacious atmosphere. It instantly alters the emotional experience of your environment. 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.

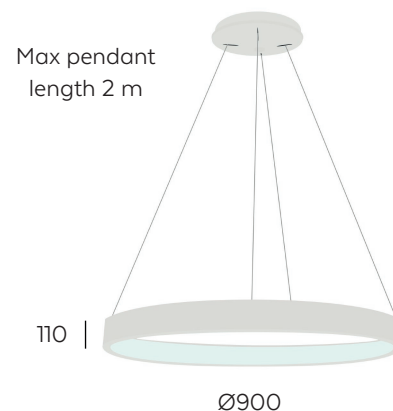
The BrainLit Balder luminaire embraces the black body curve with exceptional color rendering while dimming smoothly down to 0,1%.

AREAS OF USE (examples)

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

MEASUREMENTS / PACKAGING

Weight (kg)	6,2
Size LxWxH (mm)	NAxNAX110
Diameter (mm)	900
Box quantity	1
Boxed size LxWxH (mm)	950x950x150
Boxed weight (kg)	8,2



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	6100 lm
mDER range	42%-95%
Beam angle	180°
Dimming range	0,1% - 100 %
Flicker handling	$P_{st}^{LM} \leq 1$, SVM $\leq 0,4$, IEEE 1789 comp.
Lifetime	0,87 (LLMF 50 000h) >100 000h (L70B50)

POWER PROPERTIES

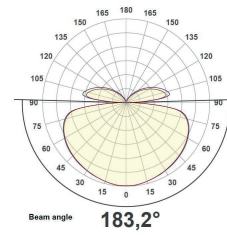
Rated input power	102 W
Efficacy*	73 lm/W
Supply voltage range	120-277V
Supply power frequency	50/60Hz
Maximum circuit breaker loading (no of luminaires):	B10 B13 B16 C10 C13 C16 @230V 21 27 33 21 27 33
DALI device type	6
DALI address usage	4
DALI-2 compliant	Yes
Power and DALI connector	WAGO WINSTA®. Cable length 0,5 m

MECHANICAL PROPERTIES

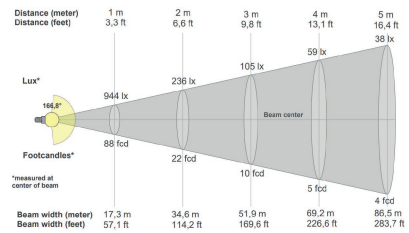
Colors	White matte (RAL 9003)
Material	Aluminum + PC
Configuration	Pendant
Mounting	Suspended
IP rating	20
Certifications	CE

TYPICAL CHARACTERIZATION DATA

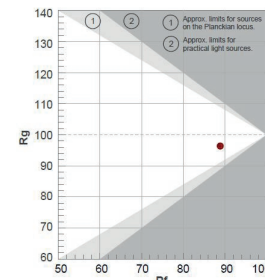
Light distribution



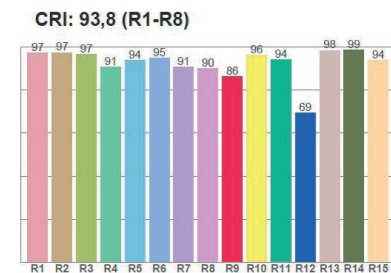
Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)



*At maximum intensity and CCT

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