



PRODUCT SPECIFICATION

SAGA Surface mount 60

P/N: 100005



SOLUTION DESCRIPTION

PRODUCT DESCRIPTION

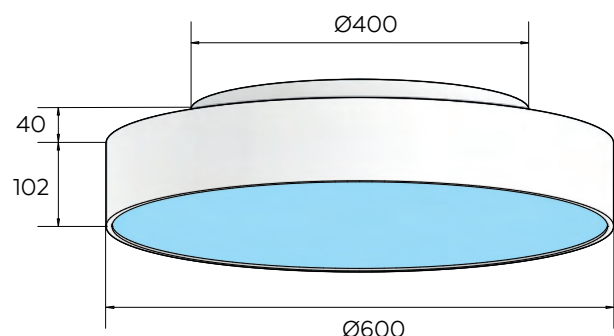
The BrainLit Saga is a dynamic surface mount luminaire that brings brightness to any room. It instantly alters the emotional experience of a space. By dynamically adjusting its color temperature anywhere between cold white (6500K) to warm white (2700K), you can transform the ambience of a room and promote the circadian alignment. The BrainLit Saga 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
Industrial	High Risk Operations / Control Rooms
Education	Conference Centres / Class Rooms
Hospitality	Customer Interaction Centres / Receptions / Terminals / Lounges / Premium Room Settings / Conference Centres
Residential	Nursing Homes / Elderly Care / Luxury Room Settings

MEASUREMENTS / PACKAGING

Weight (kg)	4,3
Size LxWxH (mm)	NAxNAx142
Diameter (mm)	600
Box quantity	1
Boxed size LxWxH (mm)	670x670x230
Boxed weight (kg)	6,3



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	3400lm
mDER range	45%-96%
Beam angle	110°
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	52 W														
Efficacy*	75 lm/W														
Supply voltage range	120-250V														
Supply power frequency	50/60Hz														
Maximum circuit breaker loading (no of luminaires):	<table border="1"> <tr> <td></td> <td>B10</td> <td>B13</td> <td>B16</td> <td>C10</td> <td>C13</td> <td>C16</td> </tr> <tr> <td>@230V</td> <td>43</td> <td>56</td> <td>69</td> <td>43</td> <td>56</td> <td>69</td> </tr> </table>		B10	B13	B16	C10	C13	C16	@230V	43	56	69	43	56	69
	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 0,5 m														

MECHANICAL PROPERTIES

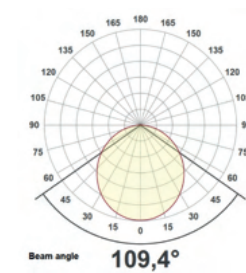
Colors	White matte (RAL 9003)
Material	Steel + PS
Configuration	Backlit
Mounting	Surface
IP rating	20
Certifications	CE

*At maximum intensity and CCT

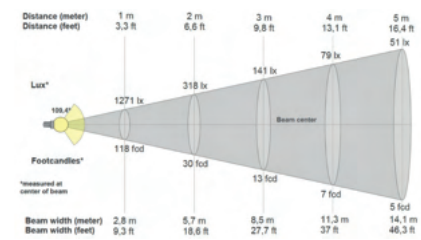
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TYPICAL CHARACTERIZATION DATA

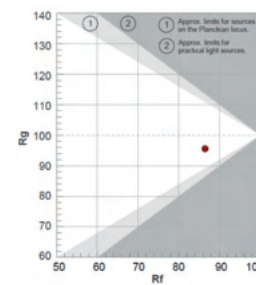
Light distribution



Beam description



Color rendering TM-30



Color rendering CRI, (CIE 1931)

