



## PRODUCT SPECIFICATION

# SAGA Surface mount 60

P/N: BLT\_LM-006/60-01-002/F\_GG



### SOLUTION DESCRIPTION

#### PRODUCT DESCRIPTION

The BrainLit SAGA is a surface mount, dynamic LED 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.

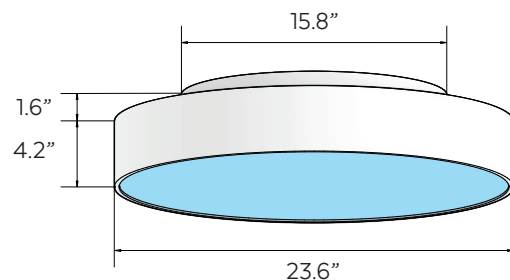
The BrainLit SAGA luminaire embraces the black body curve with exceptional color rendering while dimming smoothly down to 0.1%.

#### AREAS OF USE (examples)

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

### MEASUREMENTS / PACKAGING

<b>Weight (lbs)</b>	9.5
<b>Height (in)</b>	4.8
<b>Diameter (in)</b>	23.6
<b>Box quantity</b>	1
<b>Boxed size LxWxH (in)</b>	26x26x8.6
<b>Boxed weight (lbs)</b>	11



### MARKET AVAILABILITY

<b>AMERICAS</b>	US, Canada
<b>EMEA</b>	EU



## PRODUCT TECHNICAL SPECIFICATION

### LIGHT PROPERTIES

Light source type	LED
LED color temperature	2700K-6500K
Color rendering	CRI/Ra >90
Lumen output	Max 4,100 lm
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

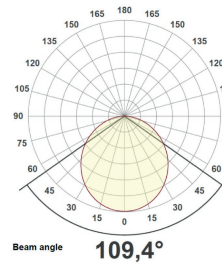
Rated input power	55 W																		
Efficacy*	75 lm/W																		
Supply voltage range	120-277V																		
Supply power frequency	50/60Hz																		
Maximum circuit breaker loading (no of luminaires):	<table border="0"> <tr> <td></td> <td>10A</td> <td>15A</td> <td>20A</td> <td>25A</td> <td>30A</td> </tr> <tr> <td>@277V</td> <td>38</td> <td>56</td> <td>76</td> <td>96</td> <td>114</td> </tr> <tr> <td>@120V</td> <td>16</td> <td>24</td> <td>32</td> <td>40</td> <td>50</td> </tr> </table>		10A	15A	20A	25A	30A	@277V	38	56	76	96	114	@120V	16	24	32	40	50
	10A	15A	20A	25A	30A														
@277V	38	56	76	96	114														
@120V	16	24	32	40	50														
DALI device type	8																		
DALI-2 compliant	Yes																		
Power, DALI connection	Push-in terminal																		

### MECHANICAL PROPERTIES

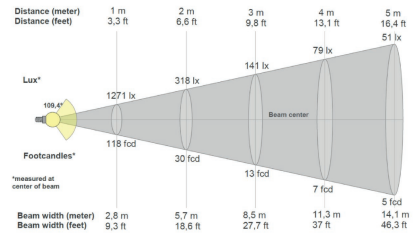
Colors	White matte (RAL 9003)
Material	Steel + Aluminum + PS
Configuration	Backlit
Mounting	Surface
IP rating	IP20
Operating temperature	-4 °F to 122 °F
Certifications	CE, UL, cUL, RoHS

## TYPICAL CHARACTERIZATION DATA

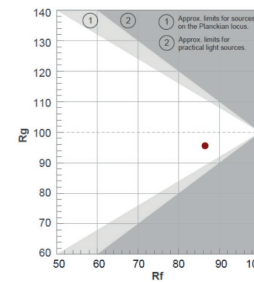
### Light distribution



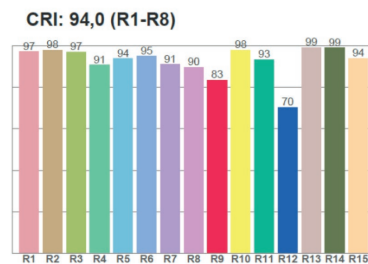
### Beam description



### Color rendering TM-30



### Color rendering CRI, (CIE 1931)



\*At maximum intensity and CCT

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