



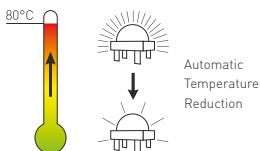
## Luci Series RGB EOS<sup>2</sup>

### Benefits

- + Configurable output colour. Up to 16 million different colours.
- + Easy Installation. Click & Lock surface mounting plate.
- + Adaptive output colour using integrated Motion and Daylight sensor.
- + Self-controlled operating conditions:
  - Luminaire Intelligent Protection System (LIPS).
  - Active Overheat Protection (AOP).
- + Integrated EOS technology:
  - Plug-and-play self-organizing wireless network.
  - Encrypted communication.
  - Advised maximum spacing for network: 25 meter.
- + Intuitive control and analysis with the EOS Manager app:
  - User authentication and data encryption.
  - Visual representation of your network.
  - Extensive configuration, information, and usage statistics.
  - Share sensor information between EOS devices.
- + Protected against dust and water intrusions, IP67

### Features

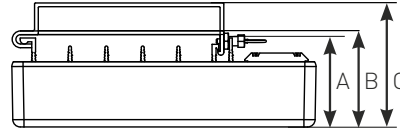
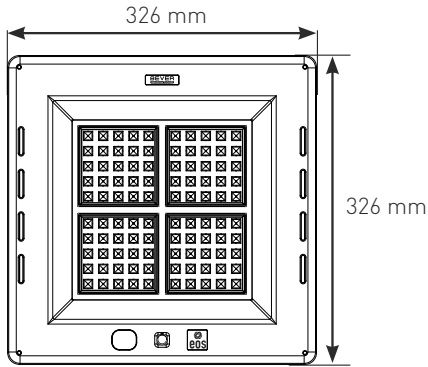
Number of colours	16 million
Lumen output	Up to 2479 lm (Red), 2261 lm (Green), 1717 lm (Blue)
Maximum output power	58W (Red), 38W (Green), 77W (Blue)
Rated life	100.000+ hours*
Daylight sensor	Integrated
Motion Sensor	Integrated. Range 7 meter**
Housing	PC-ABS white, anodized aluminum
Optic	PMMA
Mounting options	Recessed
Dimensions	326 x 326 x 98 mm
Operating temperature	-30 °C to +40 °C***
Connection cable	1500 mm EPR extra flexibility
Ingress protection	IP67
Input voltage	90 - 305 VAC @ 47 - 63 Hz 127 - 431 VDC
Inrush current	65 A 1.2 ms
B-16A fuse	10 pcs
C-16A fuse	16 pcs
Rated input current	120 V - 1.25 A 305 V - 0.54 A
Power factor	0.97 typical
EIEC safety class	I
Weight	7.2 kg
AC Harmonics	Less than 10% THD compliant to EN55015



\* L80/B10 at 25 °C constant ambient temperature, constant full power.  
 \*\* Detected temperature difference 8 °C @ 1 m/s  
 \*\*\* Active Overheat Protection above 80 °C at PCB



## Dimensions



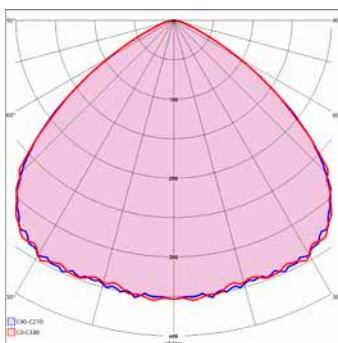
- A recessed\* = 98 mm
- B surface mounted = 103 mm (low profile)
- C surface mounted = 133 mm (standard profile)

\* Optional recessed brackets available.

## Ordering information

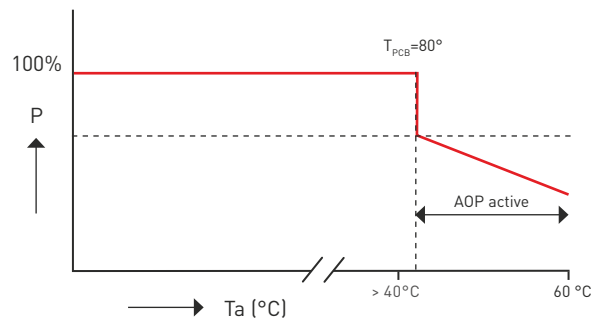
Article nr.	Nomenclature	No. Of LED's			Maximum output power		
		Red	Green	Blue	Red	Green	Blue
<b>Luci Series EOS 100 LED</b>							
16408	Luci02-S-MB01-100LED-C-129W (EOS2, R40G20B40) Rev1	40	20	40	58 W	38 W	77 W
16605	Luci02-A-MB02-100LED-C-129W (EOS2, R40G20B40) Rev0	40	20	40	58 W	38 W	77 W
17230	Luci02-S-RB01-100LED-C-129W (EOS2, R40G20B40) Rev0	40	20	40	58 W	38 W	77 W

## Optic



Symmetrical

## Operating temperature vs maximum output%



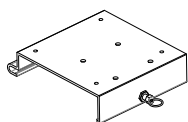
## Accessories

### Surface Mounted

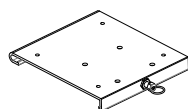
- 13135 High Mounting plate for Surface mounting
- 12996 Low Mounting plate for Surface mounting

### Recessed Mounted

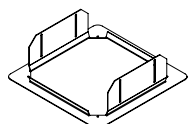
- 13406 Recessed frame for new canopies and retrofit of Philips Mini 300 (hole 360x360 mm)
- 11726 Recessed frame for retrofit of Philips MPF (hole 470x470 mm)
- 13742 Recessed frame for retrofit of Cube (hole 380x380 mm)
- 13746 Recessed frame for retrofit (hole 600x600 mm)
- 13738 Recessed frame for retrofit of Parkersell Canolux (hole 560x410 mm)



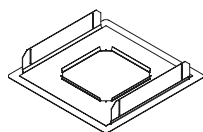
13135 Luci Series + High Mounting Plate = 133 mm high



12996 Luci Series + Low Mounting Plate = 103 mm high



13406 Philips Mini 300 (hole 360x360 mm)



11726 Philips MPF (hole 470x470 mm)

13742 Cube (hole 380x380 mm)

13746 Retrofit (hole 600x600 mm)

13738 Parkersell Canolux (hole 560x410 mm)

## Compliances Luci Series EOS

IEC 60598-1

IEC 60598-2-1

IEC 60598-2-2

IEC 62471:2008

EMC directive 2014/30/EU:

- EN 55015:2006 +A1:2007, +A2:2009

- EN 61000-3-2:2006 +A1:2009, +A2:2009

- EN 61000-3-3:2008

- EN 61547:2009

o EN 61000-4-2:2009

o EN 61000-4-3:2006 +A1:2008, +A2:2010

o EN 61000-4-4:2004, +A1:2010

o EN 61000-4-5:2006

o EN 61000-4-6:2009

o EN 61000-4-11:2004

- ETSI EN 300 328 V1.9.1

Luminaires - Part 1: General requirements and tests

Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires

Luminaires - Part 2-2: Particular requirements - Recessed luminaires

Photobiological safety of lamps and lamp systems

Limits and methods of measurement of radio disturbance of electrical lighting and similar equipment

Harmonic current emissions

Limitation of voltage fluctuations

Equipment for general lighting purposes. EMC immunity requirements. From which:

Electrostatic discharge (ESD) immunity

Radiated EM field immunity

Electrical fast transient (EFT) immunity

Surge transient immunity

Conducted Radio-frequency disturbance immunity

Immunity to voltage dips and short interrupts.

Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques