



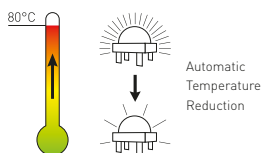
Luci Series EOS²

Features

Lumen output	Up to 19.617 lm
Input power	Up to 180 W
Efficacy	Up to 127 lm/W
Colour temperature (CCT)	4000K / 5700K
Colour rendering index (CRI)	83+ / 73+
Rated life	100.000+ Hours*
Daylight sensor (DLS)	Integrated
Motion sensor (PIR)	Integrated. Range: 7 meter**
Housing	PC-ABS white, Anodized Aluminium
Optic	PMMA
Mounting options	Surface, Recessed
Dimensions	326 x 326 x 98 mm
Operating temperature	-30 °C to +60 °C***
Connection cable	1500 mm EPR extra flexibility (-40 °C + 90 °C), UV resistant
Ingress protection	IP67
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	14 pcs
Rated input current	120 V - 1.25 A 305 V - 0.54 A
Power factor	0.97 typical
IEC safety class	I
Weight	7.2 kg
AC harmonics	Less than 10% THD compliant to EN55015

Benefits

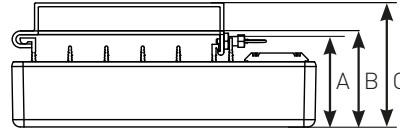
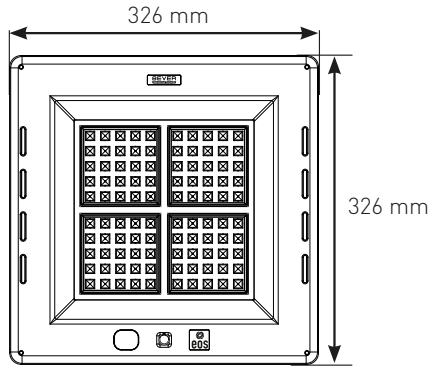
- + Flexible luminaire. Select the number of LED's and optic for an ideal lighting solution.
- + Easy Installation. Click & Lock surface mounting plate.
- + Intelligent output control using integrated Motion and Daylight sensor.
- + Self-controlled operating conditions:
 - Luminaire Intelligent Protection System (LIPS).
 - Active Overheat Protection (AOP).
 - Light Normalizer – No Lumen drop during lifetime.
- + 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.



* 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



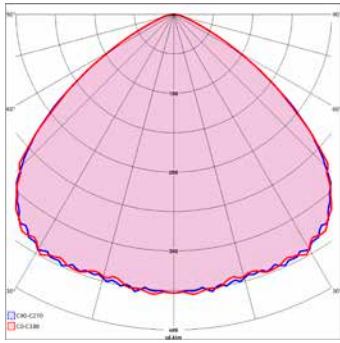
- A recessed* = 98 mm
- B surface mounted = 103 mm
(Low Mounting plate)
- C surface mounted = 133 mm
(High Mounting plate)

* Optional recessed brackets available.

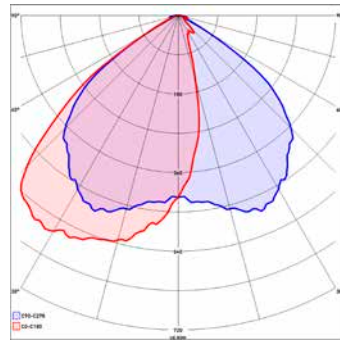
Ordering information

Article number	Nomenclature	Number of LED's	Optic	Default Power	Default Lumen	Max. Power	Max. Lumen	Max. Efficacy	CCT	CRI
Luci Series EOS 40 LED										
16759	Luci02-S-MB01-40LED-N0-93W (EOS ² , 5700K)	40	Symmetrical	75 W	8645 lm	93W	10382 lm	127 lm/W	5700K	73+
Luci Series EOS 50 LED										
16764	Luci02-S-MB01-50LED-N0-125W (EOS ² , 4000K)	50	Symmetrical	102 W	11155 lm	125 W	13300 lm	117 lm/W	4000K	83+
16760	Luci02-S-MB01-50LED-N0-125W (EOS ² , 5700K)	50	Symmetrical	102 W	11552 lm	125 W	13626 lm	125 lm/W	5700K	73+
16868	Luci02-A-MB02-50LED-N0-125W (EOS ² , 4000K)	50	Asymmetrical	102 W	11279 lm	125 W	13309 lm	116 lm/W	4000K	83+
16762	Luci02-A-MB02-50LED-N0-125W (EOS ² , 5700K)	50	Asymmetrical	102 W	11691 lm	125 W	13790 lm	123 lm/W	5700K	73+
Luci Series EOS 80 LED										
16765	Luci02-S-MB01-80LED-N0-180W (EOS ² , 4000K)	80	Symmetrical	145 W	15636 lm	180 W	18790 lm	120 lm/W	4000K	83+
16761	Luci02-S-MB01-80LED-N0-180W (EOS ² , 5700K)	80	Symmetrical	145 W	16358 lm	180 W	19496 lm	127 lm/W	5700K	73+
16766	Luci02-A-MB02-80LED-N0-180W (EOS ² , 4000K)	80	Asymmetrical	145 W	16074 lm	180 W	19240 lm	119 lm/W	4000K	83+
16763	Luci02-A-MB02-80LED-N0-180W (EOS ² , 5700K)	80	Asymmetrical	145 W	16341 lm	180 W	19617 lm	121 lm/W	5700K	73+

Optic

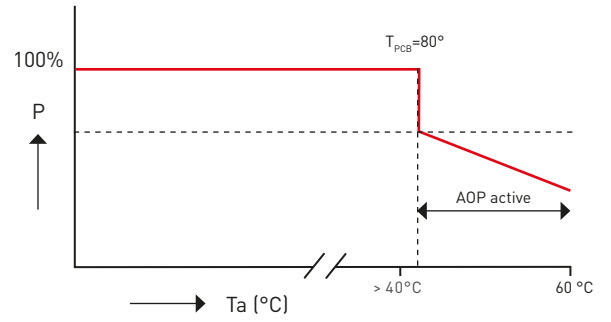


Symmetrical



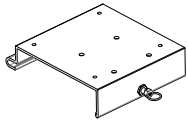
Asymmetrical

Operating temperature vs maximum output%

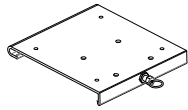


Accessories

Surface Mounted

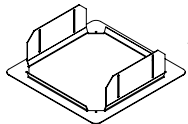


13135 High Mounting Plate = 133 mm high

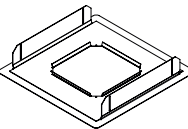


12996 Low Mounting Plate = 103 mm high

Recessed Mounted



13406 Frame for new canopies and retrofit of Philips Mini 300 (hole size: 360x360 mm, outside dimension: 400x400 mm)



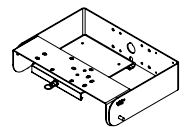
11726 Frame for retrofit of Philips MPF (hole size: 470x470 mm, outside dimension: 520x520 mm)

13742 Frame for retrofit of Cube (hole size: 380x380 mm, outside dimension: 450x450 mm)

13746 Frame for retrofit (hole size: 600x600 mm, outside dimension: 670x670 mm)

13738 Frame for retrofit of Parkersell Canolux (hole size 560x410 mm, outside dimension: 620x450 mm)

Wall Mounted



13429 Wall Mounting Bracket*

* requires low mounting plate (12996), needs to be ordered separately

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