



OSRAM

Opto Semiconductors
Design Award



Made in Egypt
www.aioegy.com

OPTIC EGY SERIES



OPTIC EGY SERIES

The super-thin design of the Optic egypt series reflects the high-tech sense of the information era. The smooth design on the back with higher self-purification ability, preventing the leaves, accumulation of bird droppings effectively. Multiple installation ways make the installation more flexible. With special design of drop protector, the lamps is more safer when it meet strong wind or impact of poles. The whole lamp adopts the tool free maintenance design makes the installation and maintenance safer and faster.

Key Advantage:

- ◇ Elegant & super- Slim aesthetics
- ◇ Super luminaire efficiency more than 135 lm/w
- ◇ Tool free installation and maintenance
- ◇ UP to ME1 lighting class application
- ◇ Low wind area and drop protector
- ◇ IP66 and IK09

Application:

- ◇ Residential areas
- ◇ Road and street lighting
- ◇ High way, Airport, Parking place ◇ Pathway & Pedestrains ◇ Smart city option





OPTIC EGY UMAXI



OPTIC EGY MAXI



OPTIC EGY MIDI



OPTIC EGY MINI

Product features



SILICON GASKET

Housing is made of very corrosion resistant die-cast aluminum. Polyester powder coated painting after chemical washing treatment.

Electrical connection CLASS II : Neutral /Phase are connected to safety switch; for Class I earth wire to be connected on earth stud in housing. 1-10V or DALI incoming wiring is connected to a separate termination block.

Gear with Philips /OSRAM driver optional programmable, 1-10V or DALI. SPD and EMI as per request.

Level gauge

Mounting with two stainless steel bolts (extra long bolts for small column can be ordered with luminaire).

Spigot made of die-cast aluminium, standard in same color as body. Universal post top / side entry spigot for ϕ 60mm/76mm/50mm.

Flat toughened glass to prevent upward light. Fixed to the frame with metal clips for easy replaceability. Very high light transmission to optimise the Light Output Ratio.



Smooth Surface /
Self-cleaning

OPTIC EGY SERIES (MINI - SIZE)

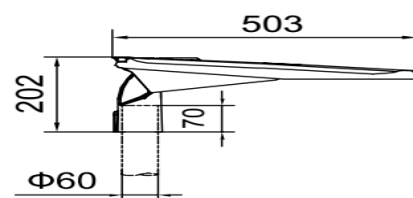
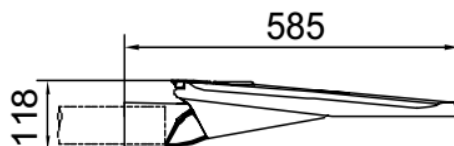
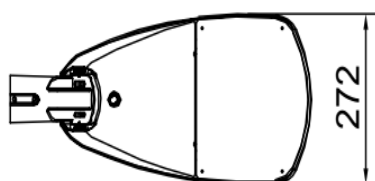
Features:

- Streamline appearance design, fashionable and modern modeling.
- Super-efficient fixture more than 135 LM/W @ 4000° K
- High constant precision of output current driver with over-temperature protection.
- IP: 66, IK: 09.
- Power-off Protection.
- Class I & II Side entry and post end are available.

Technical Data:

Luminaire type	OPTIC EGY MINI			
Model	OE 30	OE 40	OE 50	OE 60
Operating temperature	- 40° C TO + 50° C			
Supply voltage	120 - 277 Vac			
Electrical Power	30 Watt	40 Watt	50 Watt	60 W
Luminaire efficacy	> 135 Lm/W @ 4000° K			
CRI	≥ 70 (typ. 72)			
CCT	2200 K – 6500 K			
Surge protection	6 Kv (Optional 10-15 Kv)			
Protection Class	IP:66 , IK:09			
Power factor	> 0.97			
Guarantee	10 Years			

Dimensions:



OPTIC EGY SERIES (MIDI - SIZE)

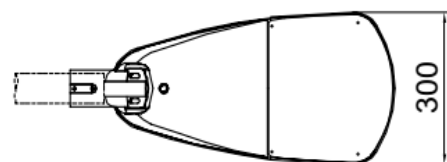
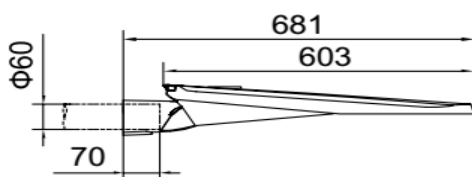
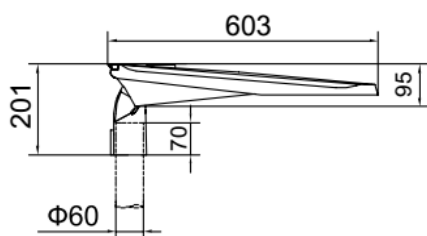
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- IP: 66, IK: 09.
- Power-off Protection.
- Class I & II Side entry and post end are available.

Technical Data:

Luminaire type	OPTIC EGY MIDI				
Model	OE 75	OE 85	OE 95	OE 110	OE 120
Operating temperature	- 40° C TO + 50° C				
Supply voltage	120 - 277 Vac				
Electrical Power	75 Watt	85 Watt	95 Watt	110 W	120 W
Luminaire efficacy	> 135 Lm/W @ 4000° K				
CRI	≥ 70 (typ. 72)				
CCT	2200 K – 6500 K				
Surge protection	6 Kv (Optional 10-15 Kv)				
Protection Class	IP:66 , IK:09				
Power factor	> 0.97				
Guarantee	10 Years				

Dimensions:



OPTIC EGY SERIES (MAXI - SIZE)

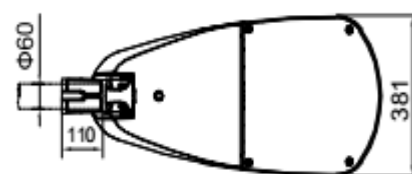
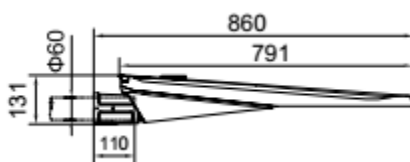
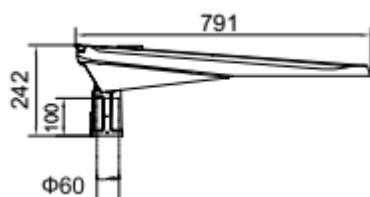
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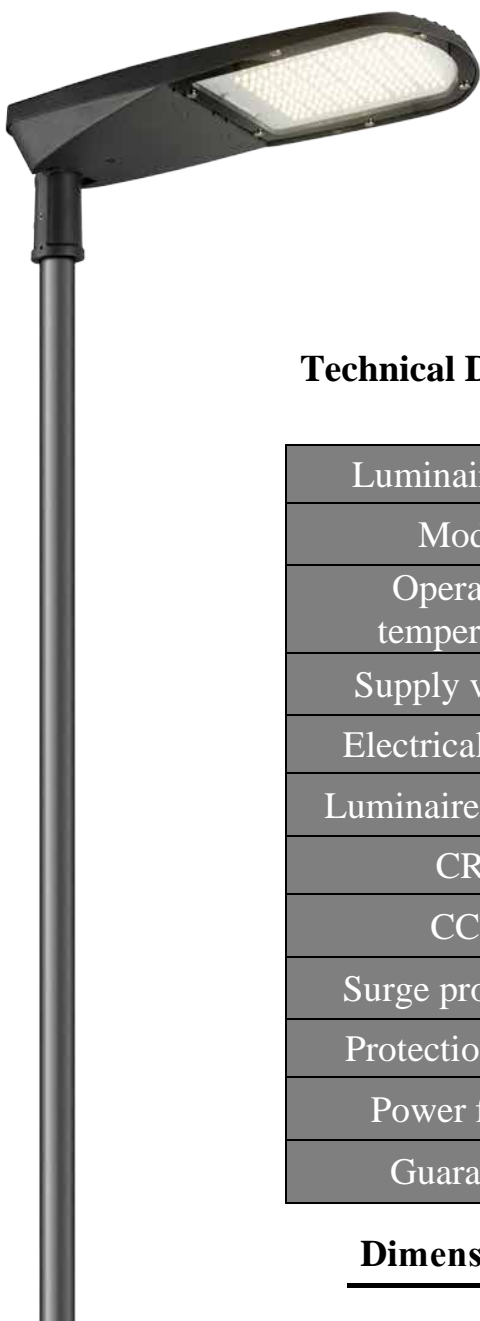
Luminaire type	OPTIC EGY MAXI
Model	OE 130 – OE 200
Operating temperature	- 40° C TO + 50° C
Supply voltage	120 - 277 Vac
Electrical Power	130 – 200 W
Luminaire efficacy	> 135 Lm/W @ 4000° K
CRI	≥ 70 (typ. 72)
CCT	2200 K – 6500 K
Surge protection	6 Kv (Optional 10-15 Kv)
Protection Class	IP:66 , IK:09
Power factor	> 0.97
Guarantee	10 Years

Dimensions:



OPTIC EGY SERIES (UMAXI - SIZE)

Features:

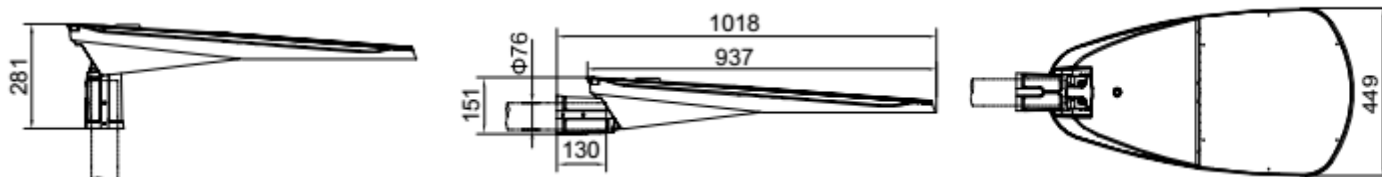


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- IP: 66, IK: 09.
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- Class I & II Side entry and post end are available.

Technical Data:

Luminaire type	OPTIC EGY UMAXI				
Model	OE 225	OE 250	OE 275	OE 300	OE 315
Operating temperature	- 40° C TO + 50° C				
Supply voltage	120 - 277 Vac				
Electrical Power	225 Watt	250 Watt	275 Watt	300 W	315 W
Luminaire efficacy	> 135 Lm/W @ 4000° K				
CRI	≥ 70 (typ. 72)				
CCT	2200 K – 6500 K				
Surge protection	6 Kv (Optional 10-15 Kv)				
Protection Class	IP:66 , IK:09				
Power factor	> 0.97				
Guarantee	10 Years				

Dimensions:

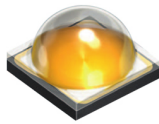


Technical information

Driver & LEDs



LEDiL Lens



OSLON Square



Osram Driver



Philips Driver

Certificates

LM80 Test Report at 55.0 °C, 85.0 °C and 105 °C for 10,000.0 hrs and tested at 125 °C for 1000.0 hrs.

LM82@ 50 °C Test Report. LM 79 Test Report. TM21 Report. Photo-biological test report as per IEC/BS EN 62471.

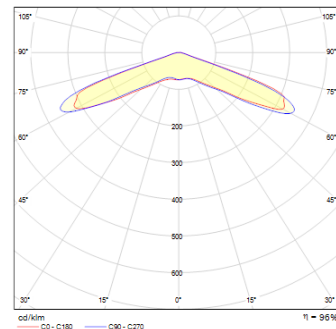
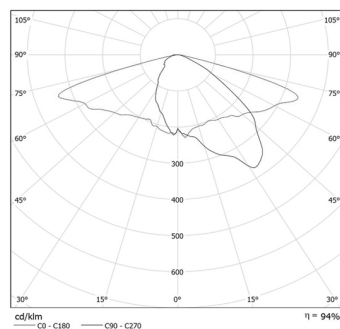
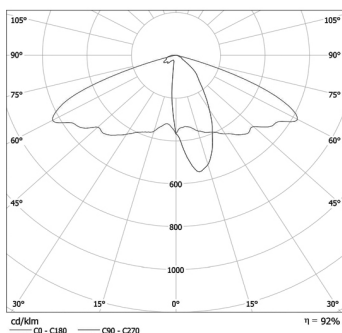
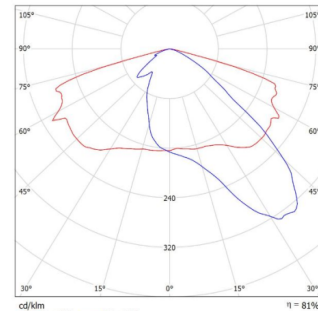
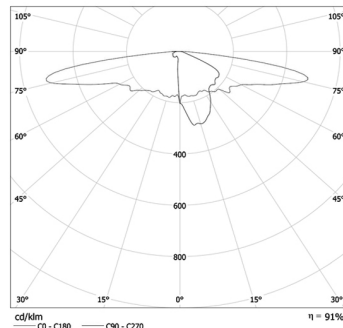
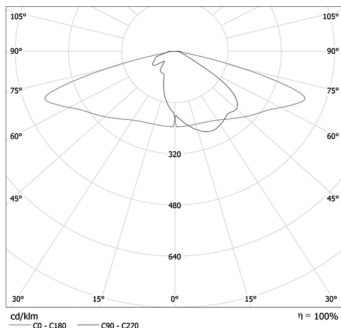
Thermal Management test report, ISTMT Under UL 1598@ 50°C. Saltspray (Fog) test report as per ASTM 8-117.

Impact Test (IK-09) according to IEC 62262:2002 and IEC 60068-2-75:1997.

Ingress Protection test (IP-66) according to IEC 60598-1:2014 clause: 9.2.2; 9.2.7.

Optics Solution

GL-Series offers different optical solutions, providing the flexibility you need for all of your various application lighting needs. all optical solutions have a U0 rating which means no uplight - all of the lighting is directed downward on the roadway where it is needed.



WHAT'S FUTURE ?

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