

Ola

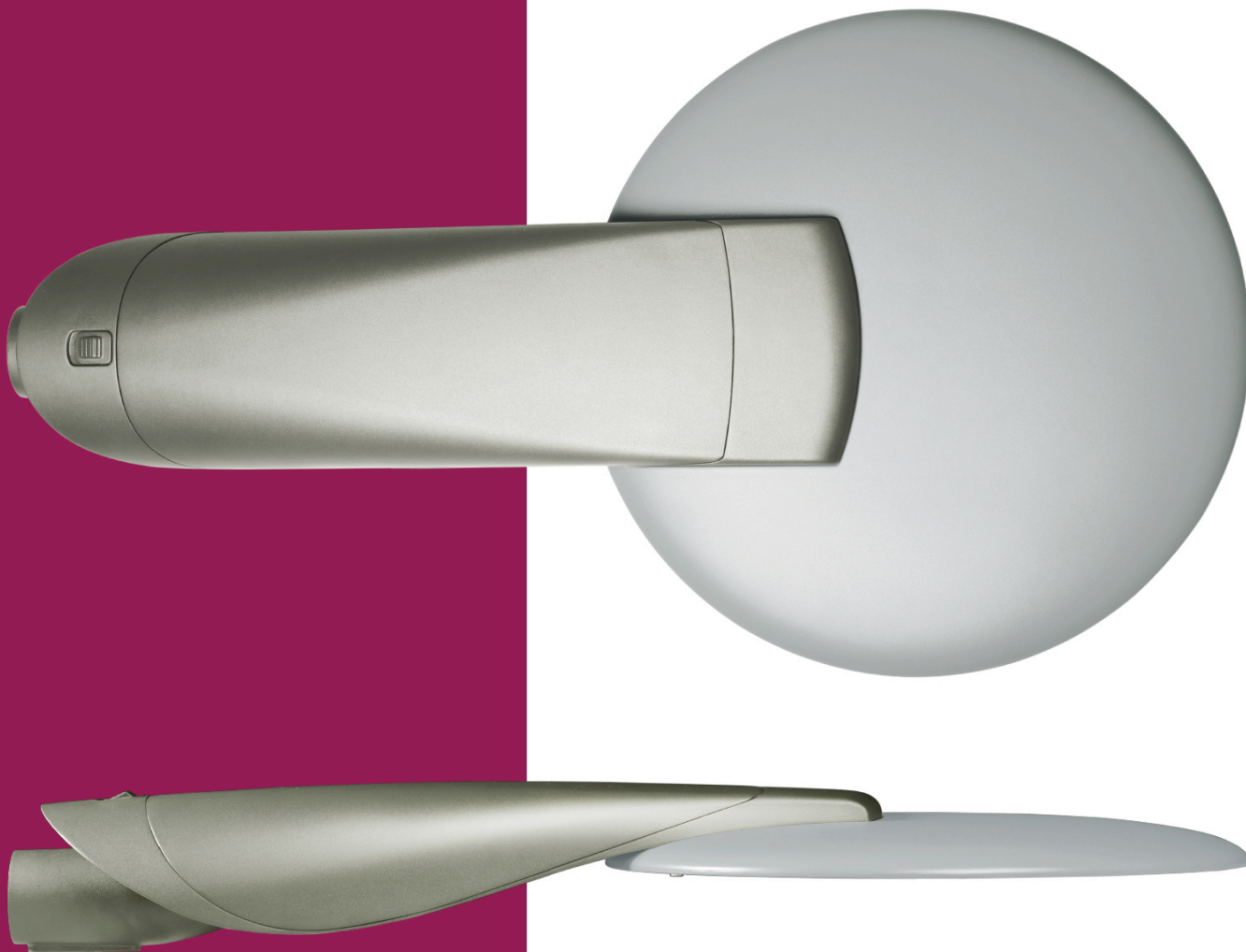


מגדל אור
הנדסת תאורה

Evolutionary Revolutionary



www.migdal-or.org



OlaRound

Evolutionary and Revolutionary, modular construction, multiple solutions, customizable lighting.

An evolutionary design, based on the combination of two complementary technical modules. This product architecture, thanks to the interchangeability of the optical module, allows a wide variety of solutions adapted to the lighting needs of any type of project. The choice of different geometries of the optical module makes it possible to better match the character of urban spaces. A soft and discreet graphic signature inaugurating an inspiring and highly efficient product typology, at the cutting edge of lighting technology.



Three sizes of optical module

Small, medium, large.
From 6 to 12 meters high.
Modular high transmittance lens
is adopted to facilitate modular upgrade
and improve versatility.



מדל אור
הנדסת תאורה

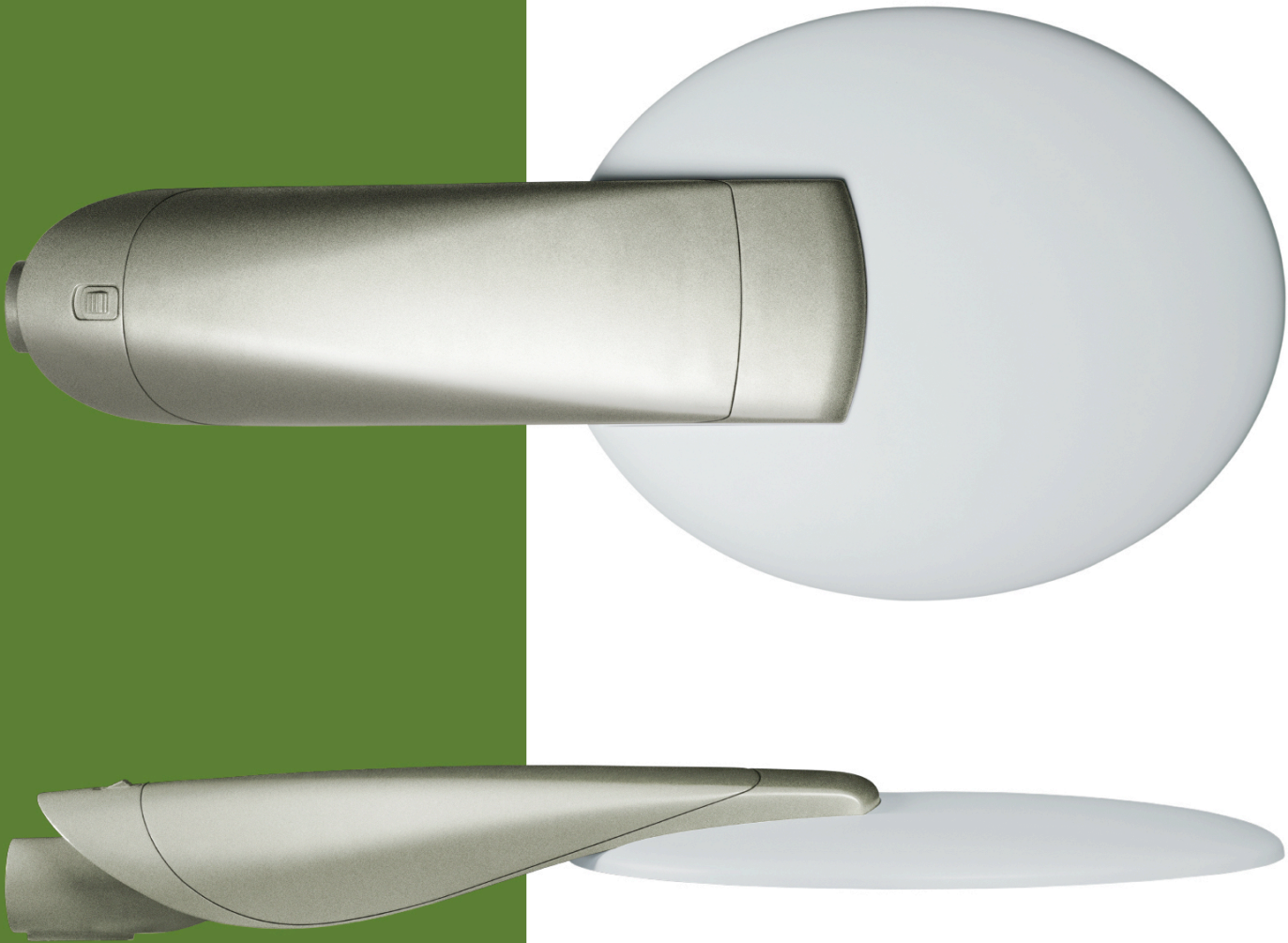


OlaRectangle



Three sizes of optical module

Small, medium, large.
From 6 to 12 meters high.
Modular high transmittance lens
is adopted to facilitate modular
upgrade and improve versatility.

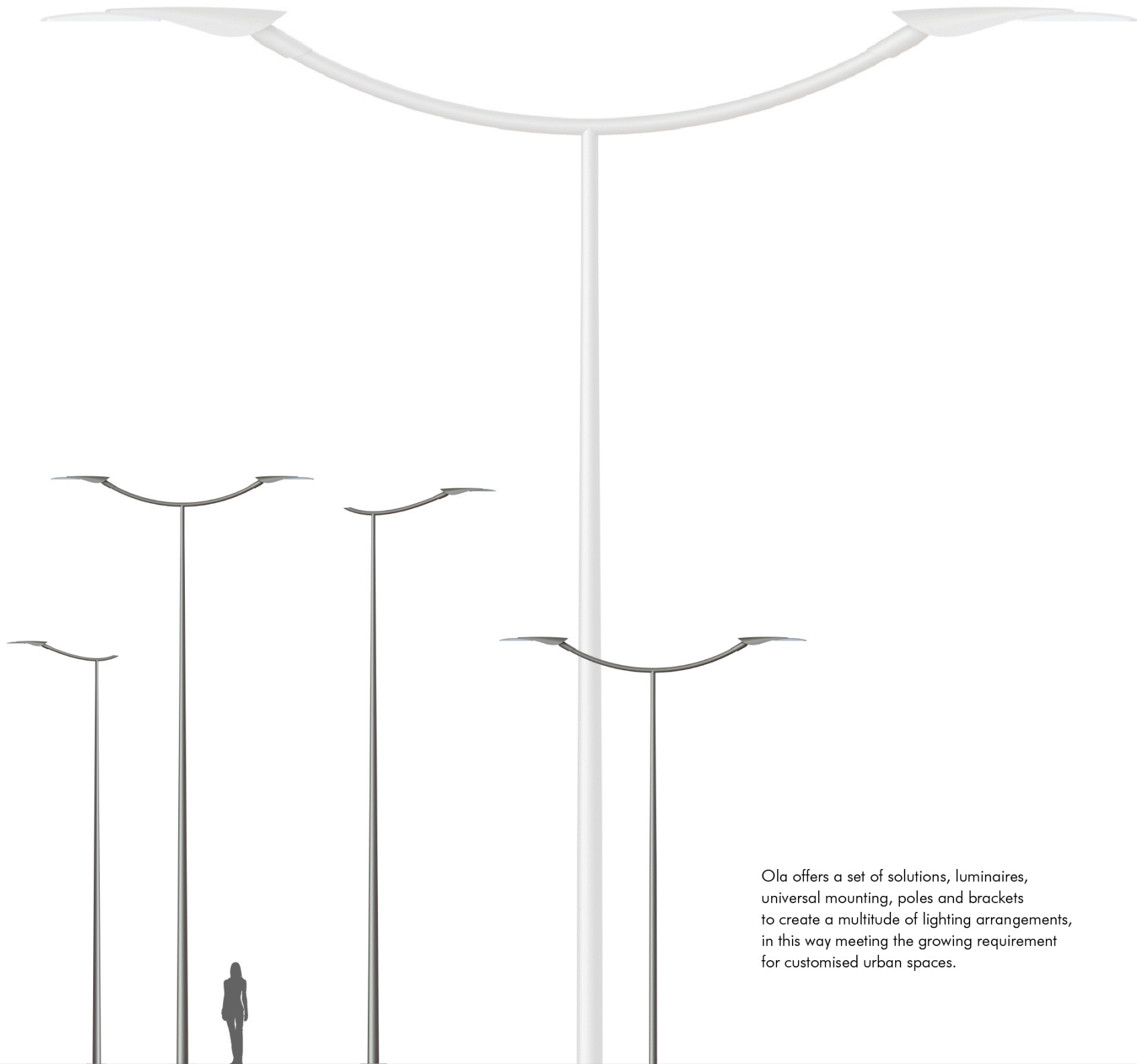


OlaOval



Three sizes of optical module

Small, medium, large.
From 6 to 12 meters high.
Modular high transmittance LED
is adopted to facilitate modular
and improve versatility.



Ola offers a set of solutions, luminaires, universal mounting, poles and brackets to create a multitude of lighting arrangements, in this way meeting the growing requirement for customised urban spaces.





Technical specifications

Modular construction. All components and electronic devices in a plastic box, which can be removed and replaced on site.

Modularity

Available in three shapes and three sizes to provide the most accurate lighting solution for any type of project and environment.

Opening / Closing

Tool-free access to the gear compartment, the cover opens upwards to facilitate installation and maintenance operations.

Universal mounting system

Post-top and side entry.

Materials and finishes

Soft and clean geometry without any technical roughness.
High-pressure die-casted aluminium, tempered flat glass.
Housing finishes: polyester powder coating.

Electrical and mechanical characteristics

IP 66

Class I

Class II

Impact resistance: IK 09

Colours

as standard:

one colour for both gear compartment and optical unit

- Akzo grey 2900 sanded
- RAL 7031 Blue grey
- RAL 7035 Light grey
- RAL 1013 Oyster White

optional: bi-colour

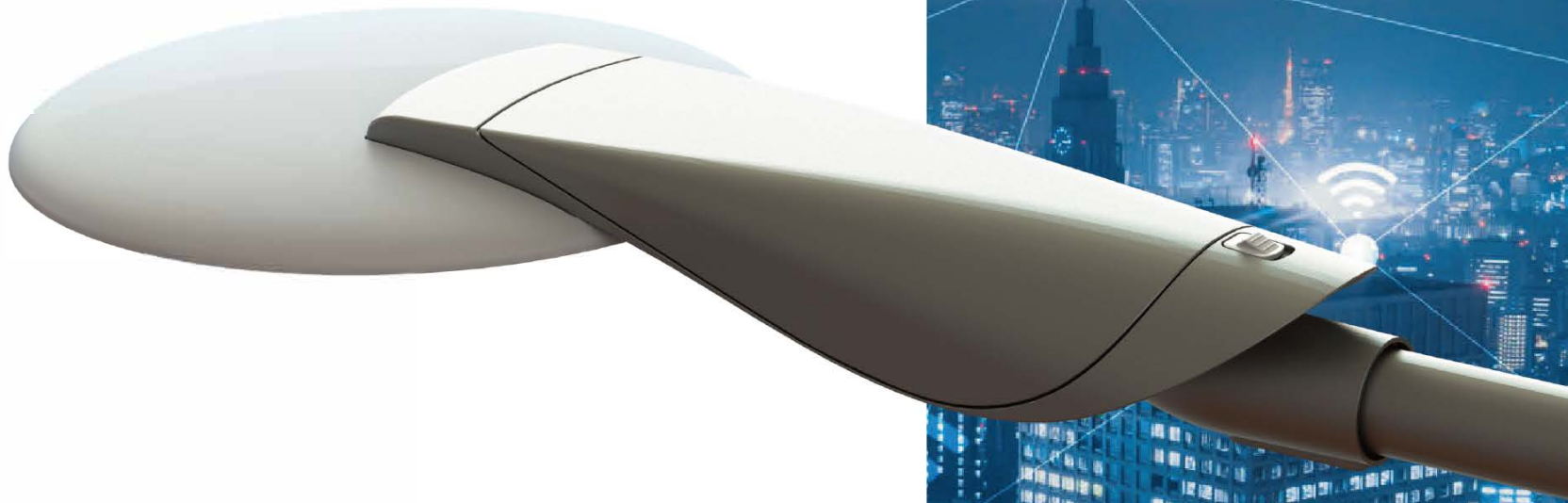
- RAL 7031 Blue grey + RAL 7035 Light grey (optical unit)
- RAL 7016 Anthracite grey + RAL 7035 Light grey (optical unit)
- RAL 7022 Umbra grey + RAL 7032 pebble grey (optical unit)

Any other RAL or Akzo colour on demand





Smart Cities



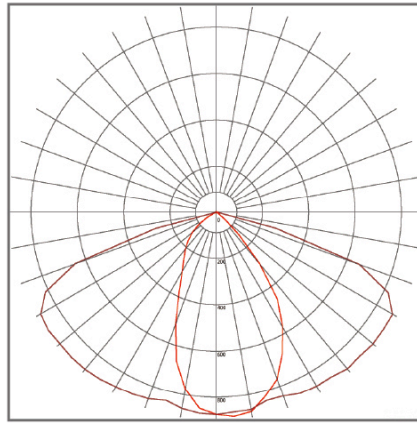
Intelligent controller



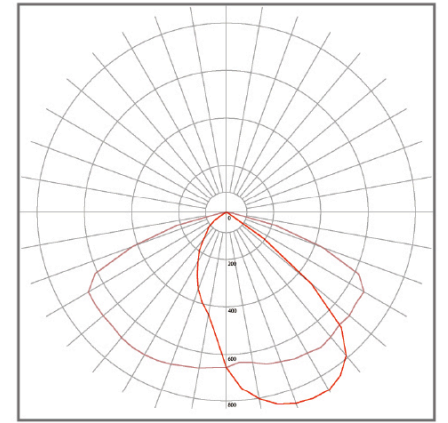
internal



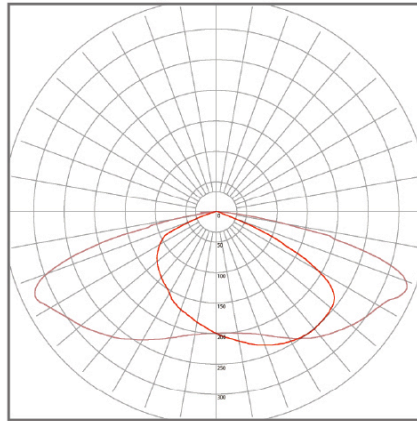
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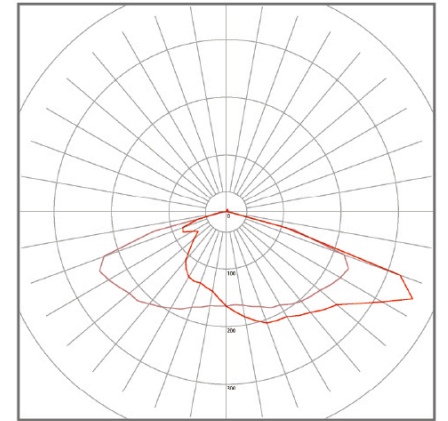
T1:56x140



T2:58x140



T3:90x150

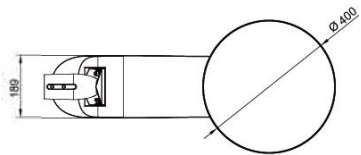


T4:70x150

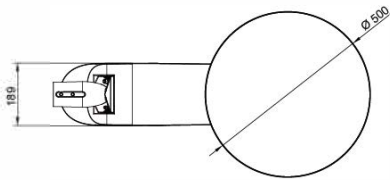
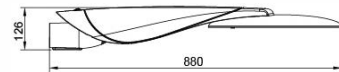
Technical features
OlaRound

Product Specification **OlaRound**

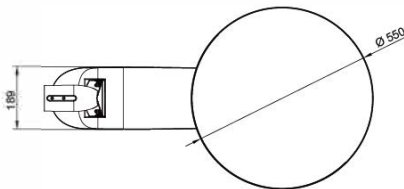
Product Code	ORS-40/60/80	ORM-100/120/150	ORL-180/200/240
Electric current	100/60 mA	100/60 mA	100/60 mA
LED quantity	16-58 leds	40-110 leds	72-200 leds
Rated power	40/60/80W±10%	100/120/150W±10%	180/200/240W±10%
Color temperature	3000K/4000K	3000K/4000K	3000K/4000K
Luminous flux	120lm/w, 150lm/w	120lm/w, 150lm/w	120lm/w, 150lm/w
ULOR (Upward light output ratio)	0%	0%	0%
Surge protection options	10kV	10kV	10kV
Input voltage	AC100~277V	AC100~277V	AC100~277V
Frequency range	50/60Hz	50/60Hz	50/60Hz
Power factor	>0.90	>0.95	>0.95
Color rendering index	>70	>70	>70
Temperature of working condition	-35-55°C	-35-55°C	-35-55°C
Humidity of working condition	10-90%	10-90%	10-90%
LED lifetime	70.000h	70.000h	70.000h
Installation pipe diameter	Ø60mm	Ø60mm	Ø60mm
Installation height	6~10m	8~12m	8~12m
Net weight	6.6kg	9.2kg	12.2kg



ORS-40/60/80

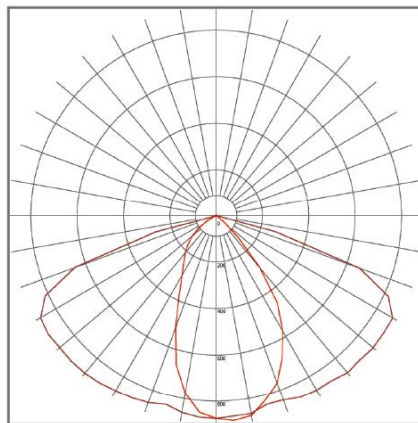


ORM-100/120/150

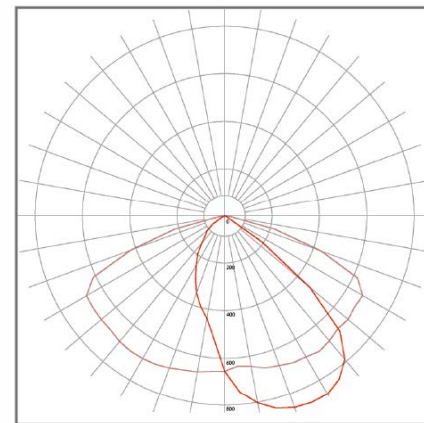


ORL-180/200/240

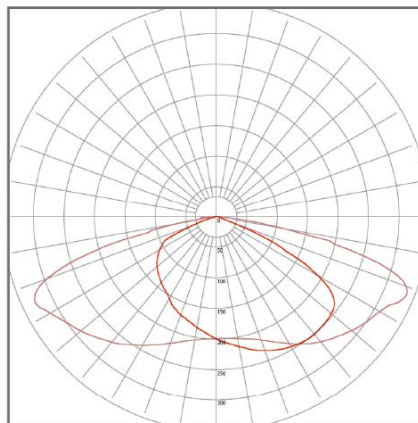




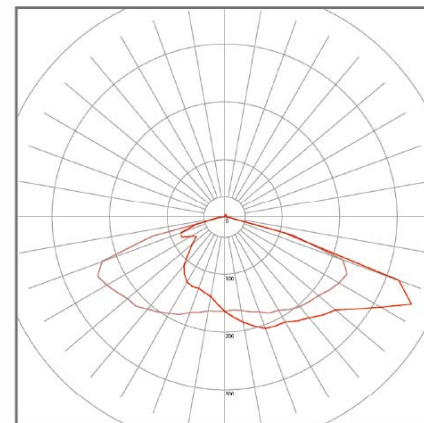
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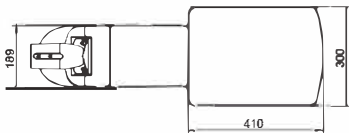


T4:70x150

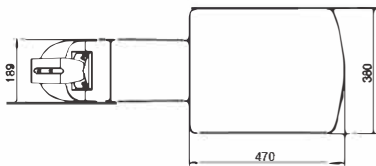
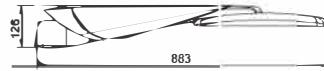
Technical features
OlaRectangle

Product Specification **OlaRectangle**

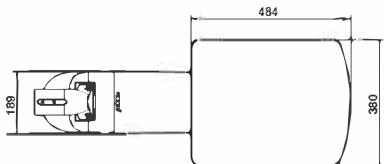
Product Code	OSS-40/60/80	OSM-100/120/150	OSL-180/200/240
Electric current	100/60 mA	100/60 mA	100/60 mA
LED quantity	16-58 leds	40-110 leds	72-200 leds
Rated power	40/60/80W±10%	100/120/150W±10%	180/200W/240W±10%
Color temperature	3000K/4000K	3000K/4000K	3000K/4000K
Luminous flux	120lm/w, 150lm/w	120lm/w, 150lm/w	120lm/w, 150lm/w
ULOR (Upward light output ratio)	0%	0%	0%
Surge protection options	10kV	10kV	10kV
Input voltage	AC100~277V	AC100~277V	AC100~277V
Frequency range	50/60Hz	50/60Hz	50/60Hz
Power factor	>0.90	>0.95	>0.95
Color rendering index	>70	>70	>70
Temperature of working condition	-35-55°C	-35-55°C	-35-55°C
Humidity of working condition	10-90%	10-90%	10-90%
LED lifetime	70.000h	70.000h	70.000h
Installation pipe diameter	Ø60mm	Ø60mm	Ø60mm
Installation height	6~10m	8~12m	8~12m
Net weight	7kg	8.1kg	12.2kg



OSS-40/60/80

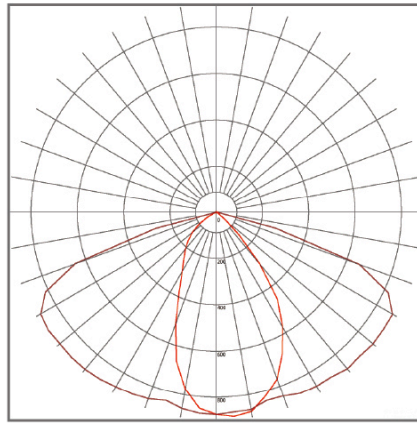


OSM-100/120/150

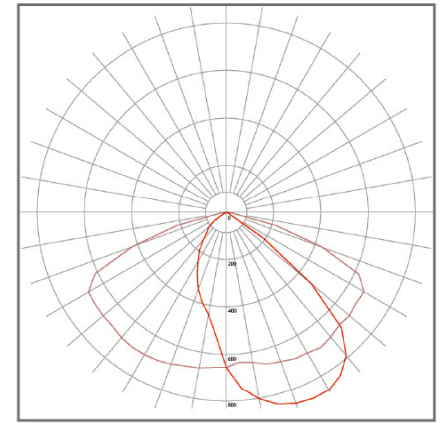


OSL-180/200/240

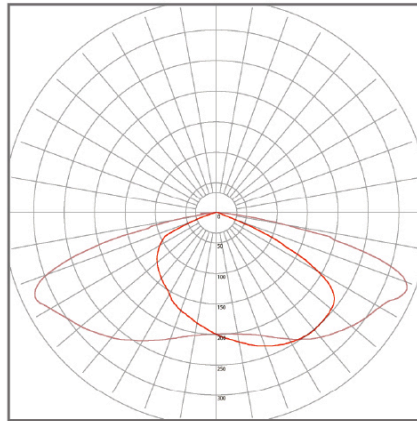




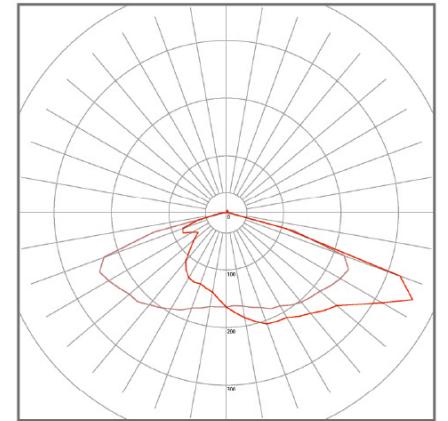
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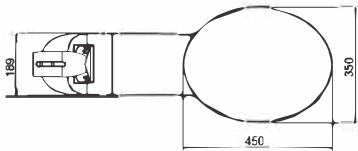


T4:70x150

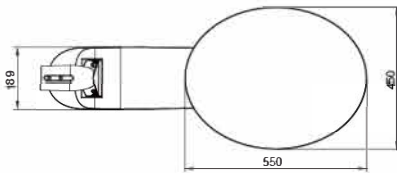
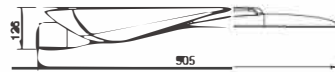
Technical features
OlaOval

Product Specification OlaOval

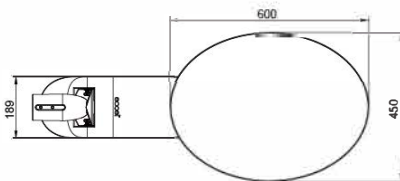
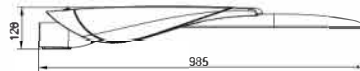
Product Code	OOS-40/60/80	OOM-100/120/150	OOL-180/200/240
Electric current	100/60 mA	100/60 mA	100/60 mA
LED quantity	16-58 leds	40-110 leds	72-200 leds
Rated power	40/60/80W±10%	100/120/150W±10%	180/200/240W±10%
Color temperature	3000K/4000K	3000K/4000K	3000K/4000K
Luminous flux	120lm/w, 150lm/w	120lm/w, 150lm/w	120lm/w, 150lm/w
ULOR (Upward light output ratio)	0%	0%	0%
Surge protection options	10kV	10kV	10kV
Input voltage	AC100~277V	AC100~277V	AC100~277V
Frequency range	50/60Hz	50/60Hz	50/60Hz
Power factor	>0.90	>0.95	>0.95
Color rendering index	>70	>70	>70
Temperature of working condition	-35-55°C	-35-55°C	-35-55°C
Humidity of working condition	10-90%	10-90%	10-90%
LED lifetime	70.000h	70.000h	70.000h
Installation pipe diameter	Ø60mm	Ø60mm	Ø60mm
Installation height	6~10m	8~12m	8~12m
Net weight	6.8kg	8.5kg	11.7kg



OOS-40/60/80



OOM-100/120/150



OOL-180/200/240





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