



TARA Product range





Description

Available in four different sizes, the TARA luminaires can be used in a variety of urban lighting configurations. Their wide power range (from 30W to 280W) is well suited to light roads, avenues, streets, residential areas as well as large outdoor spaces, for instance, parking or specific airports areas.

While their fine and modern shape ensures a perfect aesthetic fit for the urban landscape, the quality of the components guarantees a high level of light efficiency (135lm/W). The selection of the most reliable electrical components guarantees a long service life. They are easy to maintain without specific tools; the power supply is disconnected as soon as the cover is opened; the main components (driver and LED modules) are easy to change.

The light efficiency of the LEDs allows for a great reduction in energy consumption, and excellent visual comfort in the lighted areas. They are perfectly integrated into a communication network enabling remote programming and supervision.

Main features

- High light efficiency (135 - 155 lm/W)
- Wide range of powers and optics
- Maintenance operations facilitated by a wide cover opening
- IP66
- IK09
- Programmable and communicating

Applications

- Major traffic arteries
- Avenues and boulevards
- Pedestrian and cycling paths
- Residential areas
- Parking



TARA				
Models - Features	TAR-020 to TAR-060	TAR-080 to TAR-150	TAR-100 to TAR-200	TAR-200 to TAR-280
	XS	S	M	L
Power (Watts)	20W - 60W <i>(also available in 30W and 40W)</i>	80W - 150W <i>(also available in 100W and 120W)</i>	100W - 200W <i>(also available in 120W, 150W and 180W)</i>	200W - 280W <i>(also available in 240W)</i>
Luminous Flux (Lumens)	3100-8100 lm	12400-20250 lm	15500-27000 lm	31000-37800 lm
Light Efficiency (Lumens / Watt)	135 - 155 lm/W			
Light Source	Cree or Lumileds			
Color temperature CCT (K)	Standard : 4000K Optional 2700K, 3000K, 5000K, 5700K			
Color Rendering Index (CRI)	Ra>70 Ra>80			
LED Life Span	100 000 hours LM70 Ta = 25°C			
Operating Temperature	-35°C / +50°C			
Relative Humidity	15%~90%RH			
Power Factor	>0,95			
Driver	Osram / Inventronics / Philips			
Electrical data	Class I Class II AC 90-305V / AC220-240V Surge protection : 6KV (10KV & 20 KV upon request)			
Dimming	Dali 0-10V			
Materials	Housing : Aluminum (ADC12) Optics : Polycarbonate Glass protection (5mm thick)			
Protection	IP66 & IK09			
Color	Black, Grey, other RAL upon request			
Warranty	5 years			
Weight (Kg)	TAR-030 = 4,5 Kg TAR-060 = 5,65 Kg TAR-120 = 9,00 Kg TAR-150 = 12,10 Kg TAR-280 = 18,00 Kg			
Dimensions	TAR-030 = 595x315x130 mm TAR-060 = 605x315x140 mm TAR-120 = 735x390x130 mm TAR-150 = 830x435x145 mm TAR-280 = 1010x500x155 mm			
Certifications	CE & CB			
Options	Daylight sensor Motion sensor Wireless Remote control NEMA or ZHAGA communication module with specific SR/DX driver			



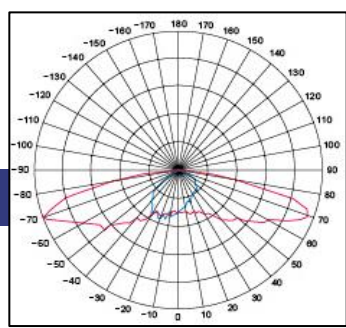


Photometrics & Optics

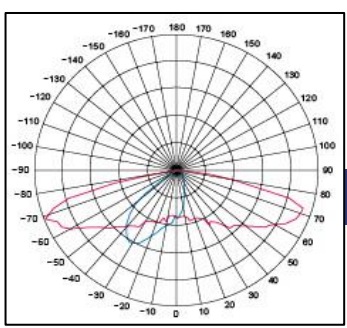
A wide range of optics and photometrics is available



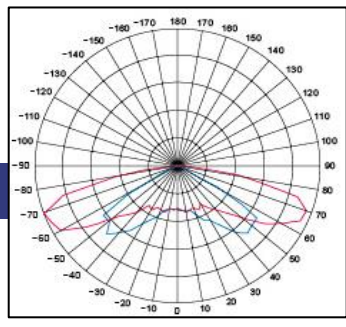
Type 1 - M



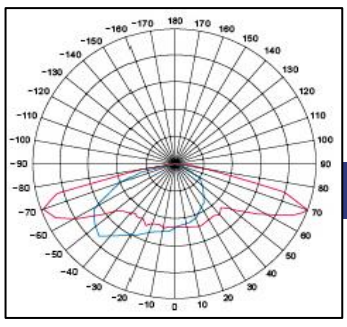
Type 2 - MA



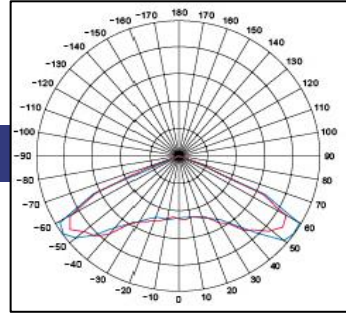
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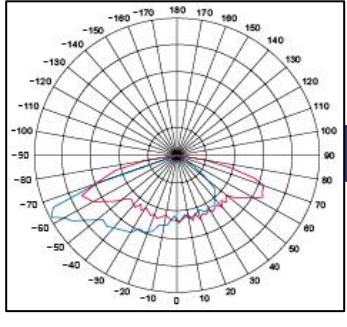
Type 3 - M



Type 5 - S



Type 4 - S

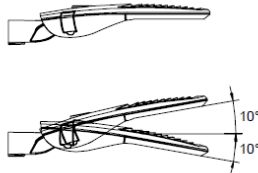
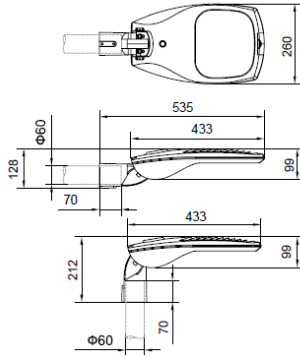




Dimensions (mm)

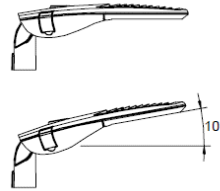
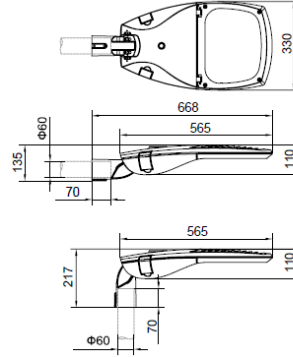
XS

- TAR-020
- TAR-030
- TAR-040
- TAR-060



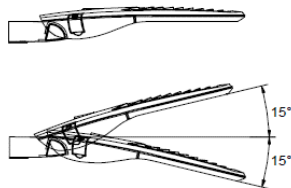
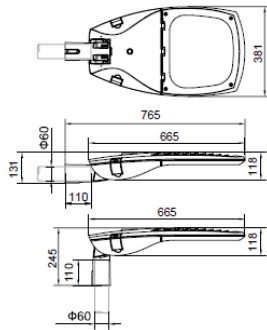
S

- TAR-080
- TAR-100
- TAR-120
- TAR-150



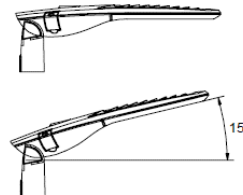
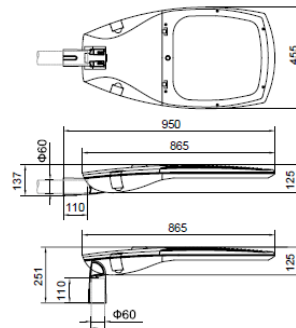
M

- TAR-100
- TAR-120
- TAR-150
- TAR-180
- TAR-200



L

- TAR-200
- TAR-240
- TAR-280





Mounting

Circuit breaker guaranteeing safety in case of opening of the luminaire

Large opening angle facilitating maintenance operations

Security cable

Osram, Philips or Inventronics Meanwell driver

Protective seal IP66

Spigot (Ø 60mm)

Glass protection (5mm)

Power cable

Level gauge

Opening and closing clips

Die-cast aluminum





NEMA / ZHAGA Receptacles

TARA luminaires are fitted with a Nema or Zhaga receptacle to make these luminaires programmable and communicating.

NEMA Receptacle



ZHAGA Receptacle



NEMA or ZHAGA receptacles provide a sealed (waterproof) electrical connection between the inside and the outside of the fixture. The receptacle is screwed onto the upper part of the luminaire.





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CONNECTED LIGHTS
CONNECTED THINGS