

Oriental Poles

**OptoLed**  
Saving Energy



# Leona

## Mechanical Details

- Corrosion resistant aluminum base
- Opto Lego Led Module
- Galvanized steel pole
- Laser cutting pattern
- Stainless steel screws
- Waterproof and durable silicone gaskets
- In compliance with European Standards EN-60598
- Mechanical impact resistance IK 08
- Protection Grade IP66
- Electrical installation Class I
- Electrostatic polyester powder coating with high thermal conductivity

## Electrical Details

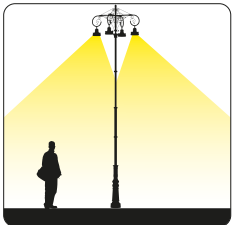
- DC forward current : 700mA
- PMMA Optical Lens Efficiency : >88%
- PCB Heat Conductivity : >1.2W/mK
- Input Voltage : 230VAC
- Frequency Range : 47 ~ 63Hz
- Power Factor : >0.9
- Total Harmonic Distortion(THD) : <15%
- Color Temperature : 3000-6500 (K)
- Color Rendering Index : >70
- Temperature of Working Condition : - 40C to + 55C
- Humidity of Working Condition : 10% ~ 90%
- Led Efficiency (Typ.) : 105-120 (lm/W)
- Working Life : >50,000Hrs
- Protection Grade : IP66



## Specification

Code	Watt	Lamp	Current	3000K (lm)	4000K (lm)	6000K (lm)
Leona	27W	XP-G2	700mA	2911 lm. 109 lm/W.	3099 lm. 116 lm/W.	3267 lm. 123 lm/W.
Leona	40W	XP-G3	1050mA	4360 lm. 109 lm/W.	4640 lm. 116 lm/W.	4920 lm. 123 lm/W.
Leona	54W	XP-L	1400mA	6102 lm. 113 lm/W.	6588 lm. 122 lm/W.	7074 lm. 131 lm/W.
Leona	54W	XHP35	350mA	6102 lm. 113 lm/W.	6588 lm. 122 lm/W.	7074 lm. 131 lm/W.

## Technical Detail



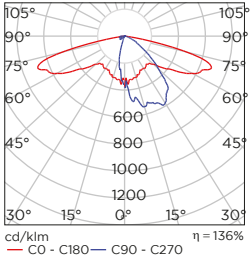
Anchorage

## Standards

# Leona

## Optical Details

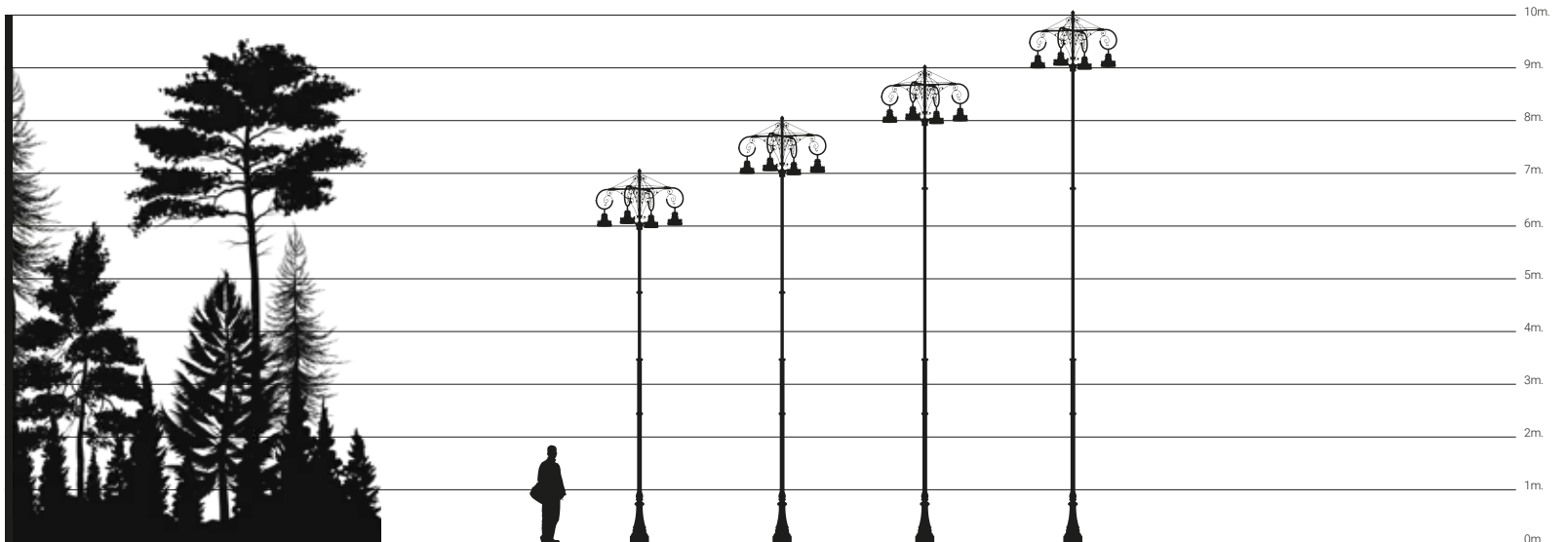
- CS12862\_STRADA-IP-2X6-DWC
- Short IESNA Type II beam for narrow roads or high poles with extremely low glare. Optimized for CREE XM-L.



Opto Lego LED Modul



Optoled IP 67  
Sigorta / Fuse  
W:84 x L:65 x H197 mm



# Leona





