

LED STREET LIGHT

MOLA



TOGETHER, FOR A BRIGHTER FUTURE

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Mola Series

Mola, a self-developed LED street light, features a robust die-cast aluminum housing paired with ultra-transparent tempered glass for superior durability and light transmission. Designed for flexibility, it supports both horizontal and vertical installations with $\pm 15^\circ$ angle adjustment to meet diverse application scenarios. With an IP66 and IK08 protection rating, Mola ensures reliable performance in harsh environments. Optional NEMA or Zhaga interfaces enable smart control via power line communication, making it an ideal choice for modern, adaptable urban lighting.

Features & Benefits

1. Features die-cast aluminum housing and ultra-transparent full-page tempered glass
2. Designed with a down-opening cover for easy access
3. Supports $\pm 15^\circ$ horizontal and vertical angle adjustment in 5° increments
4. Offers optional NEMA and Zhaga interfaces for smart control
5. Supports power line communication control mode
6. Fits $\Phi 60$ mm pole diameter

Application



Urban &
Residential
Street



Pedestrian
Path



Park &
Square



Rural
Road



Bridge

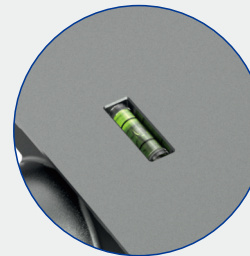
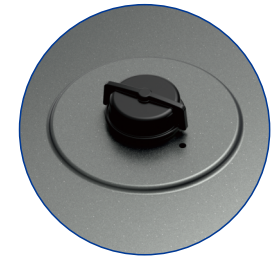


Tool-free down-opening cover

With the simplest tools, maximizes maintenance ease

Smart-ready & future-proof

NEMA and Zhaga interfaces are optional

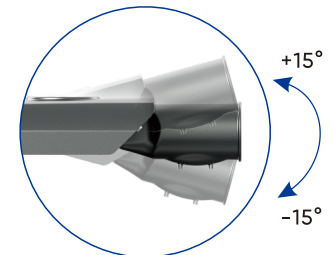


Built-in Level

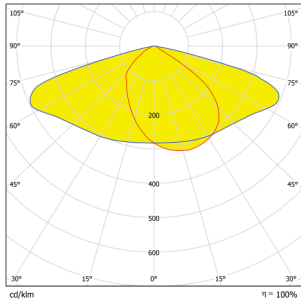
Enables quick and accurate installation

Flexible mounting angle adjustment

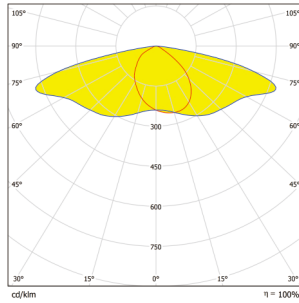
Achieve the ideal installation angle to suit your needs



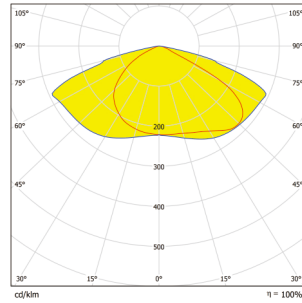
Light Distributions



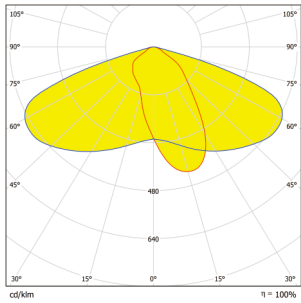
618-5050-T2S



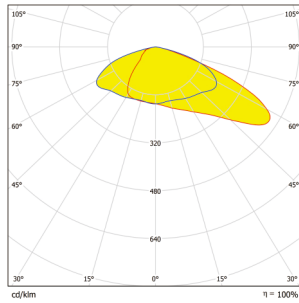
710-5050-T2M



712-5050-T3M

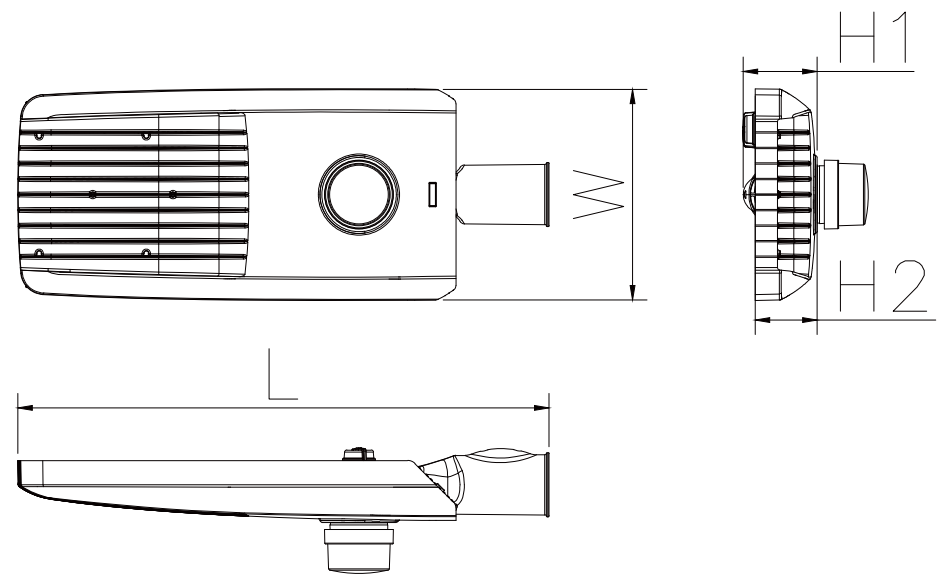


904-5050-T1S



906-5050-T3S

Dimensions



Model	Power	Dimension (mm)			
		L	W	H1	H2
UNI-STF4-1	30	447.2	212	84.1	67.8
	60	542.2	222.2	85.6	69.3
UNI- STF4-2	90	542.2	222.2	85.6	69.3
	120	615.8	245.3	85.5	71.7
UNI- STF4-3	150	615.8	245.3	85.5	71.7

Parameters

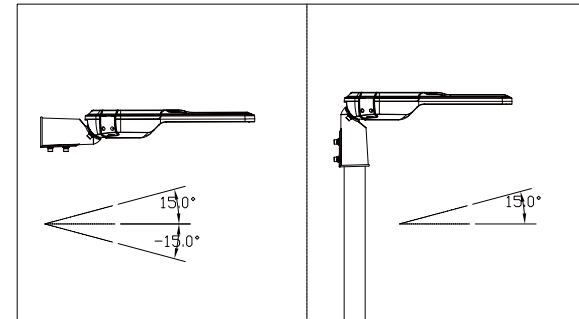
Product Model	UNI-STF4-1	UNI-STDF4-2	UNI-STDF4-2	UNI-STDF4-3	UNI-STDF4-3
Input Voltage	AC200-240V 50/60Hz				
Power (W)	30	60	90	120	150
Power Factor	≥0.92	≥0.95	≥0.95	≥0.95	≥0.95
Luminous Flux (lm)	4800	9600	14400	19200	24000
Luminous Efficacy	160lm/W				
LED	Osram 5050				
Driver	Tridonic/Inventronics/Philips				
CCT	3000K/4000K/5000K/5700K/6500K				
CRI	> 70				
Working Temp.	- 40 °C ~ 45 °C				
Working Humidity	10 % ~ 90 % RH				
Housing Materials	Die-casting aluminum+Temper glass+ Adjustable angle adaptor				
IP/IK Grade	IP66/IK08				
Life Span (Hrs)	100,000				
Max Projected Area (m ²)	0.08	0.08	0.1	0.1	0.1
Product Dimension (mm)	447.2x211.9x84.1	542.2x222.2x85.6	542.2x222.2x85.6	615.8x245.3x85.5	615.8x245.3x85.5
Packing Dimension (mm)	410*330*225	510*345*225	510*345*225	615*395*225	615*395*225
Net Weight(kg)	2.8±0.2	4.4±0.2	4.4±0.2	5.3±0.2	5.3±0.2

Note: The tolerance of Luminous Flux is ±7%

Adapter



- Dual-purpose spigots for side entry and post top installation -15°to + 15° maximum tilt steps in 5°
- Constructed from robust die-casting aluminum
- Stainless steel bolts
- 60 mm diameter options cater for existing or newly fabricated light poles



Controller



Features

- With PWM and 0-10V dimming interfaces
- Acquiring data like current, voltage, power and power factor
- Analyzing and reporting of power consumption and energy saving
- Monitoring and detecting the status of LED luminaire
- Automatic faulty reporting function
- With surge protection
- IP65 rated

Communication Interface	Communication Method	Communication Distance	Dimming Signal
NEMA	LoRa / ZigBee NB / 4G LTE	LoRa: 1000M; ZigBee: 200M NB: ∞; 4G LTE: ∞	PWM 0-10v
ZHAGA	NB / 4G LTE	NB: ∞; 4G LTE: ∞	DALI 0-10v

