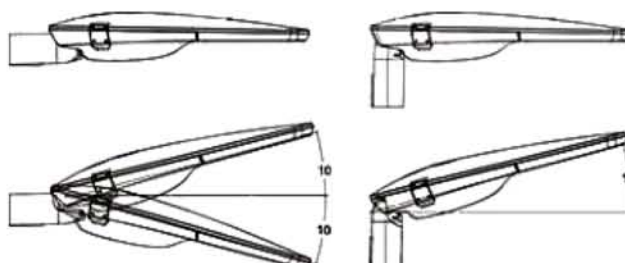
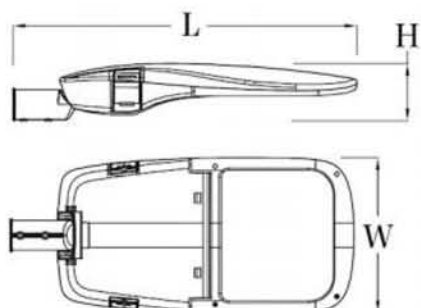


High output LED Street Luminaire SERIES ML STR35



Models	L	W	H
42w	572mm	245mm	100mm
58w 77w 95w 115w	717mm	320mm	130mm
150w 195w	828mm	377mm	139mm

Product Description

Urban authorities want to create a safe, comfortable, modern living environment for the inhabitants of their town or city. And they want to do so in an innovative and sustainable way. The Unifo Street luminaire features highly efficient LED technology, enabling substantial energy savings compared with conventional HPS solutions. Step dimming allows further significant energy savings during off-peak periods. With its Multiple optics design, which optimizes light distribution and ensures compliance with safety and road lighting standards, as well providing more road lighting applications

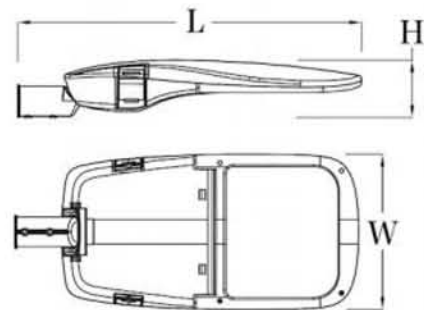


Features

- High output efficiency up to 135lm/w
- Ultra-thin streamline design
- Smooth body to prevent fitting from water, dust, bird droppings
- Easy/Fast installation and tool free maintenance
- Driver replaceable easily
- Multiple light distribution curve
- Dimming and Photo control with NEMA socket

Applications

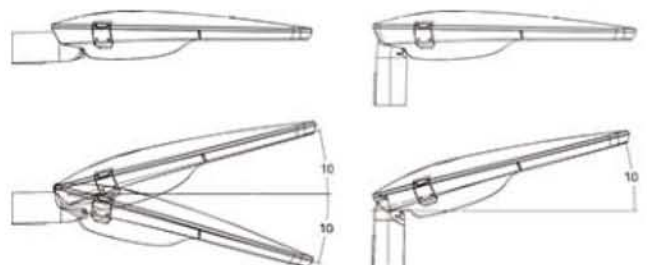
Highways, Major roads, Minor roads, Residential areas



Performance Summary

- Input power: 42W, 58W, 77W, 95W, 115W, 150W, 195W
- Actual Luminaire output efficacy: Up to 135 LPW
- IP66 IK10 ULOR=0 SDCM=3
- CRI: Minimum 70 CRI
- CCT: 3000K (+/-200K), 4000K (+/-200K), 5000K (+/-200K)
- Light distribution curve: T2-M, T3-M, T4-S, T5-M offered as standard. T1-S, T2-S, T3-S, T5-S offered as customized
- 42mm, 60mm or 76mm installation pole
- Surge protection Up to 20KV 10KA
- 0-10V dimming offered as standard
- DALI, Zigbee, Timing programmable offered as customized
- 3P, 5P receptacle with photo control offered as standard
- 7P receptacle with photo control offered as customized
- Lumen maintenance: L90B10>35000 hours
- 2 years warranty

Models	L	W	H
42w	572mm	245mm	100mm
58w 77w 95w 115w	717mm	320mm	130mm
150w 195w	828mm	377mm	139mm



Accessories



Twist-Lock Receptacle 3P



Twist-Lock Receptacle 5P



Twist-Lock Receptacle 7P



PhotoControl: ON/OFF 3P, 0-10V dimming 5P, DALI 7P



Product Review

Photocell available
Lamp will Auto turn on and off according to lux difference.

LED power supply
A variety of power drive is optional

Modular LED lens design
Optional light distribution curve available with T2-1, T3-1, TS-1, easy to improve in future.

Imported breather
Lamp breather ensures air balance inside and outside of the lamp which improved lamp service life.

Detachable connect base
Disassemble easily which reduces maintenance costs.

Lightning protection device
To provide more reliable guarantee for LED drive power, extend the life of the product.

Wireless control system available
To build wisdom city, energy conservation and environmental protection.

Power turn off protector
When the lamp maintenance, open lamp flash, internal power lamp. Protect the safety of persons

Free maintenance tools

Product Specifications

Construction & Materials

- Slim architectural design incorporates an integral heat sink and light engine
- Die-casting Aluminum
- PC Optical lens with toughened glass
- Tool-less entry
- 42mm, 60mm or 76mm installation pole
- Either Horizontal or Vertical installation is workable

Installation adjustable angle +/- 10°

- Luminaire secures with two mounting bolts
- Corrosion resistant polyester powder paint
- Standard color Gray

RAL & Customized color available with MOQ 500pcs

- Net Weight: 42W 4.0Kg, 58W 4.5Kg, 77W 6.5Kg, 95W 7.0Kg, 115W 7.5Kg, 150W 10.5Kg, 195W 11.0Kg

Electrical System

- Input voltage: 100-277Vac 50/60Hz as standard
347-480Vac contact manufacturer for availability
- Input power: 42W 58W 77W 95W 115W 150W 195W
- Power factor > 0.92 at full load
- THD < 20% at full load
- Integral 6KV surge suppression protection standard
Integral 10KV contact manufacturer for availability
20KV SPD contact manufacturer for availability
- Wired 1-10V dimming offered as standard
DALI controls, Zigbee, PLC, Timing programmable, contact manufacturer for availability

Photoelectric controls

- 3Pin twist-lock receptacle with Photo control ON/OFF offered as standard
- 5Pin twist-lock receptacle with Photo control 3-step dimming offered as standard
- 7Pin twist-lock receptacle with Photo control DALI control offered as customized
- 7Pin twist-lock receptacle with Zigbee system offered as customized
- Timing programmable offered as customized

Ratings

- CE SAA C-tick IEC listed
- IP66 Rated
- IK10 Rated
- Upward Light Output Ratio (ULOR) = 0
- Complies with the material restrictions of RoHS
- Operating temperature rated at -40°C to 45°C

LED & Optics

- Light source: Built-in LED Module
- LUXEON 3030 2D Chip
- Actual Luminaire output efficacy: 130-135 LPW
- CRI: Minimum 70 CRI
- CCT: 3000K (+/-200K), 4000K (+/-200K), 5000K (+/-200K)
- Light distribution curve: T2-M, T3-M, T4-S, T5-M offered as standard. T1-S, T2-S, T3-S, T5-S offered as customized
- SDCM=3
- UGR<21

Lumens Maintenance and Warranty

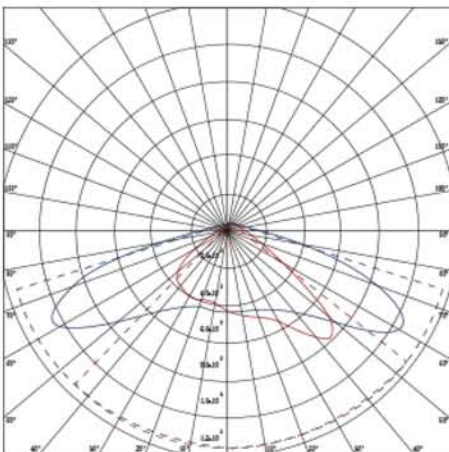
- Projected L90B10 > 35000 hours
- 10 Years warranty
- Projected LED Failure rate 0.01% < 50000 hours
- Projected Driver failure rate < 0.1% at 25000 hours

Installation and Maintenance

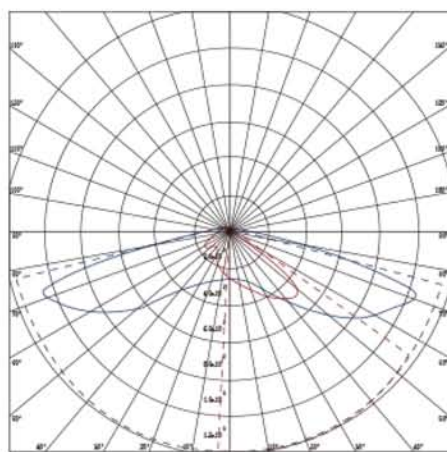
- 42W 58W: 42mm or 60mm diameter pole, recommended installation height 4-6m
- 77W 95W : 60mm diameter pole
Recommended installation height 6-8m
- 115W : 60mm diameter pole
Recommended installation height 8-10m
- 150W 195W: 76mm diameter pole
Recommended installation height 10-12m
- Built-in LED driver and replaceable
- Tool-less opening the luminaire
- Power off protection switch while open the luminaire
- Cable pulled inside for wiring and powered

Photometry

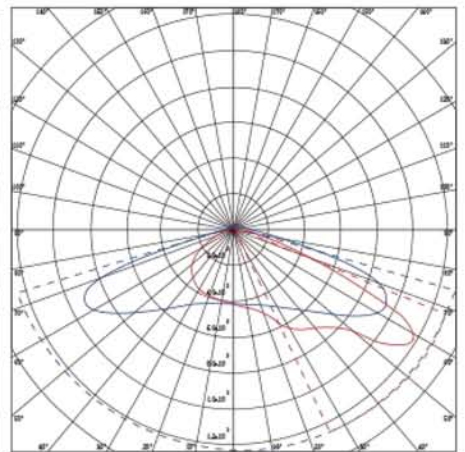
LUXEON 3030 chip offered as standard (CREE - PHILIPS - OSRAM - SAMSUNG chip on request)



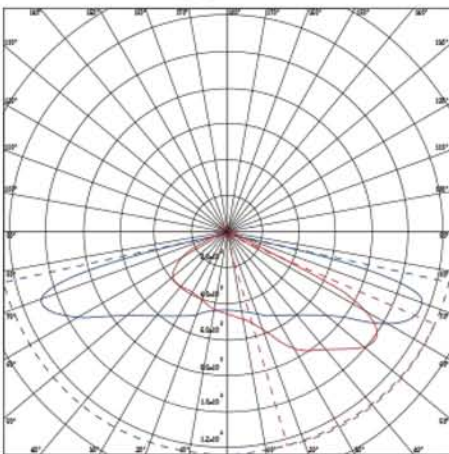
T2-S



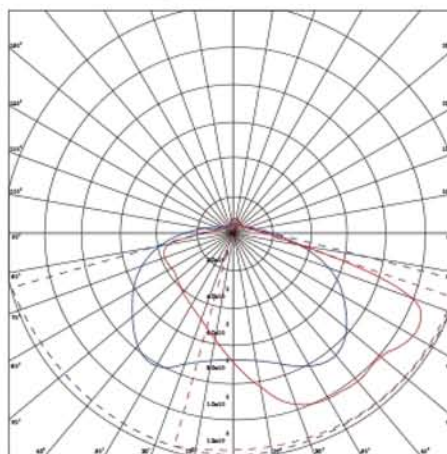
T2-M



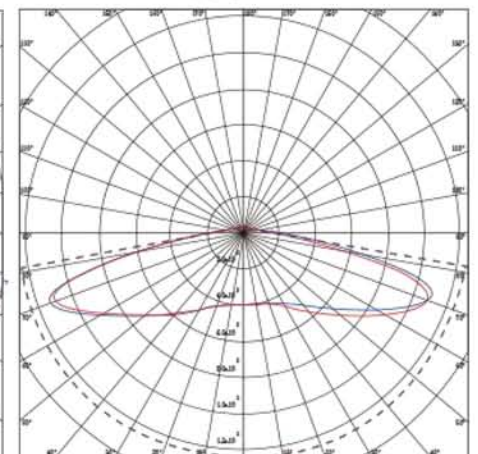
T3-S



T3-M

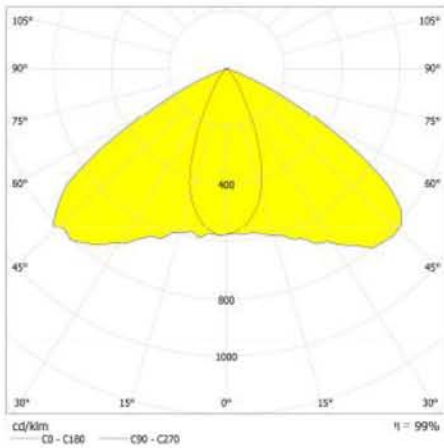


T4-S

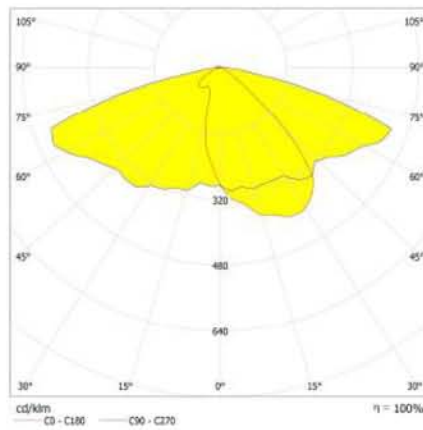


T5-M

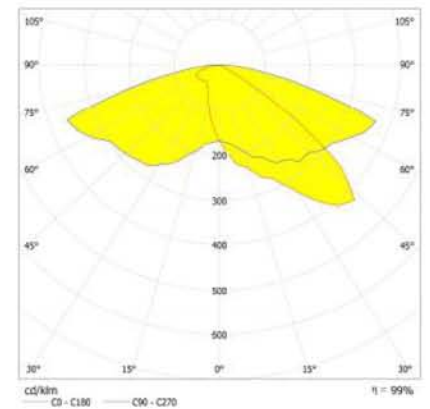
LUXEON 5050 chip offered as customized (CREE - PHILIPS - OSRAM - SAMSUNG chip on request)



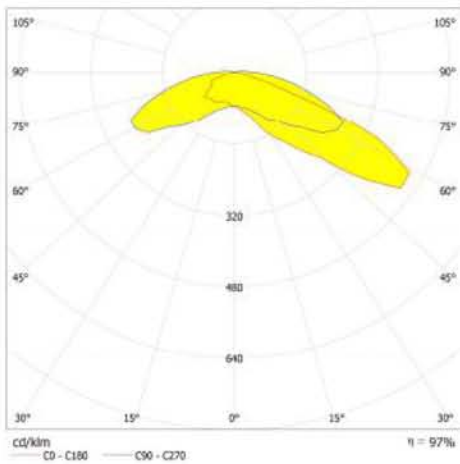
T1-S



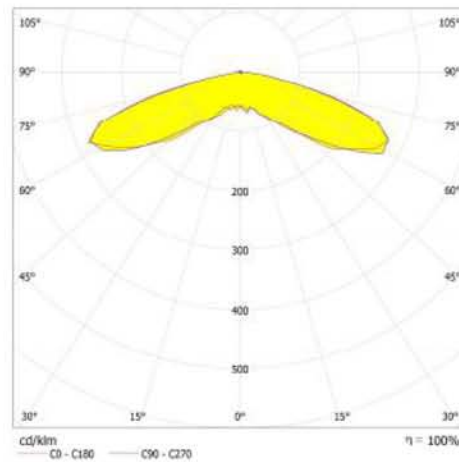
T2-M



T3-S



T4-S



T5-S

