

# LED Street Light Series

Wattages: 100W, 150W

CODE: 90199-150



The Street Light Series can be widely used in outdoor lighting (wet location). The Street Light Series can be widely used for museums, art galleries, underground parking lot, buildings, the lawn, industrial areas, residential areas, sidewalks, parking lot, schools and many more applications.



## FEATURES

- Lumileds LED, high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V / 277-480V.
- Excellent Optics design, greatly improve the light utilization and evenness.

- Die Cast aluminium cooling design, high quality and better cooling for LED Tj < 85°C.

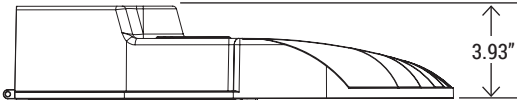
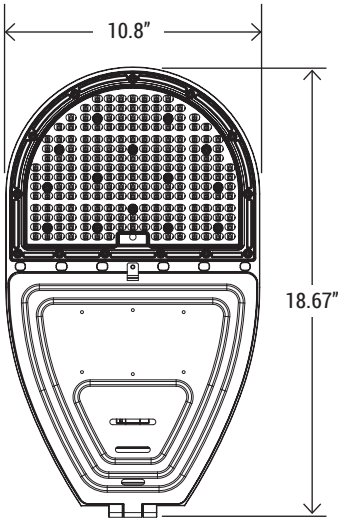


| SPECIFICATION         |                       |          |
|-----------------------|-----------------------|----------|
| WATTAGE               | 100W                  | 150W     |
| LUMEN                 | 15000 Lm              | 22700 lm |
| EFFICACY              | 150 lm/W              | 151 lm/W |
| CCT                   | 4000K, 5000K          |          |
| CRI                   | 70                    |          |
| INPUT VOLTAGE         | AC120-277V / 277-480V |          |
| LIGHT ANGLE           | 85° x 140°            |          |
| POWER FACTOR          | 0.95                  |          |
| DRIVER EFFICACY       | 90%                   |          |
| ADAPTER SPECIFICATION | ST-ADP2.5-3           |          |
| WORKING TEMPERATURE   | -22°F ~ 113°F         |          |
| LIFESPAN (L70)        | 75,000 hours          |          |
| PROTECTION LEVEL      | Wet locations/IP65    |          |
| CABLE                 | Input Connect, 0.6m   |          |
| WARRANTY              | 5 year limited        |          |

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## DIMENSION



|            |                        |
|------------|------------------------|
| WATTAGE    | 100W/150W              |
| GR. WEIGHT | 9.9 lbs                |
| BOX DIM.   | 19.9" x 11.81" x 4.92" |

## PHOTOCELL (SOLD SEPARATELY)



LC-10DT-74-X6  
Photocell 120-277V



M-480  
Photocell 420-530V

| LPT     | ST                | 10W                          | 27                                 | 50K                            | S                                                |
|---------|-------------------|------------------------------|------------------------------------|--------------------------------|--------------------------------------------------|
| PRODUCT | PRODUCT           | WATTAGE                      | VOLTAGE                            | CCT                            | FINISH                                           |
|         | ST (Street Light) | 10W - (100W)<br>15W - (150W) | 27 - (120-277V)<br>48 - (277-480V) | 40K - (4000K)<br>50K - (5000K) | S - (Silver)<br>W - (White)<br>D - (Dark Bronze) |

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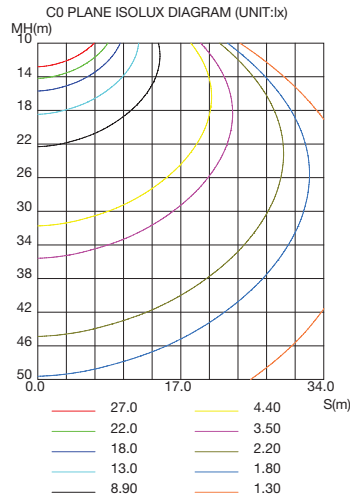
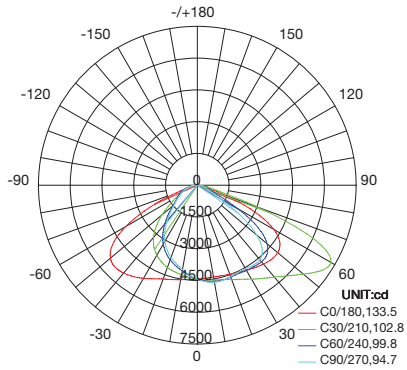
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## PHOTOMETRICS

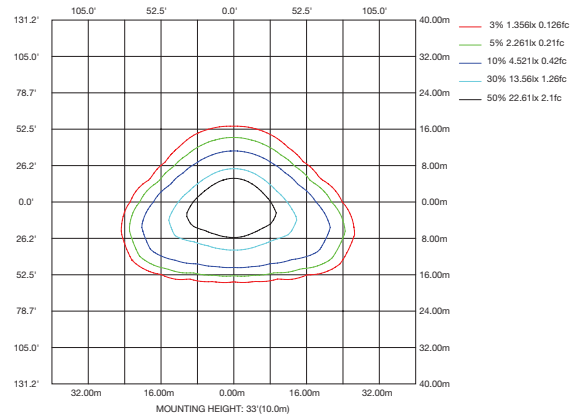
For complete IES files, please visit our website.

### 100W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

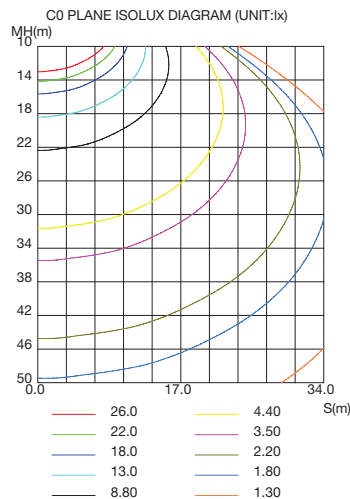
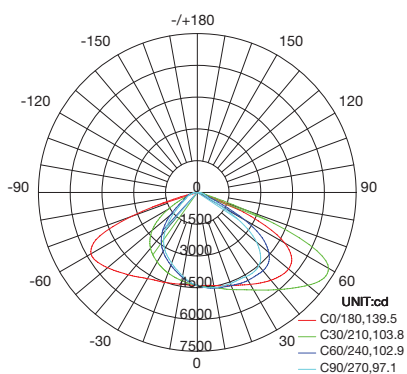


ISOLUX DIAGRAM

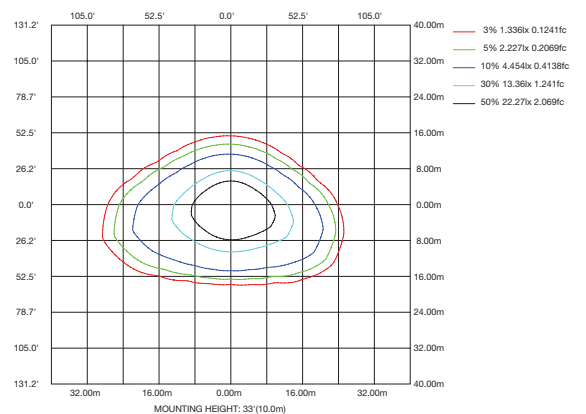


### 100W-480

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

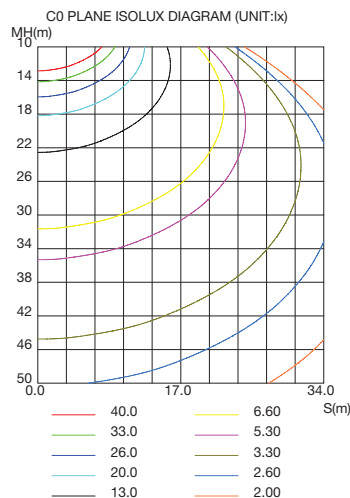
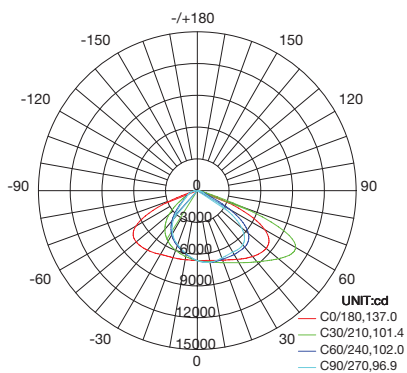


ISOLUX DIAGRAM

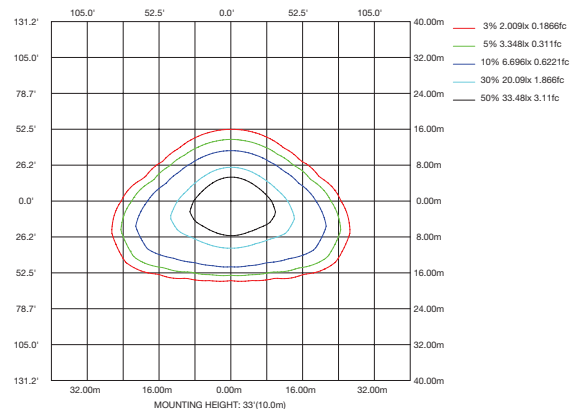


### 150W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



ISOLUX DIAGRAM



# LED Street Light Series

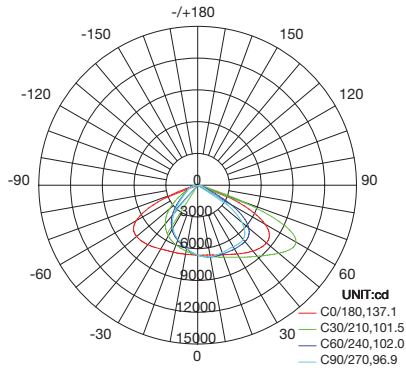
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## PHOTOMETRICS

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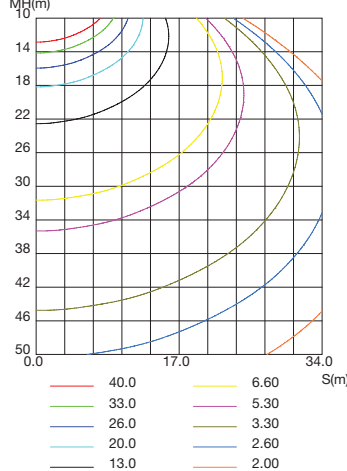
### 150W-480

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

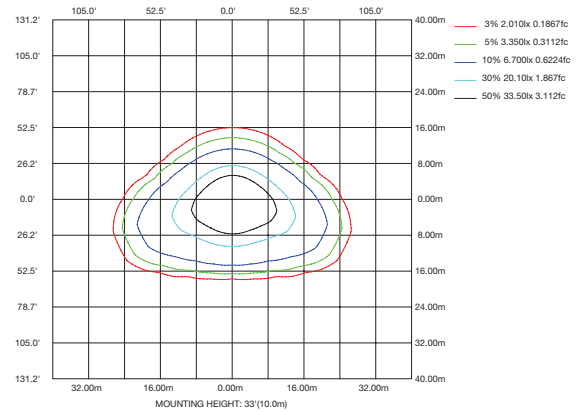


AVERAGE BEAM ANGLE(50%):109.4 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

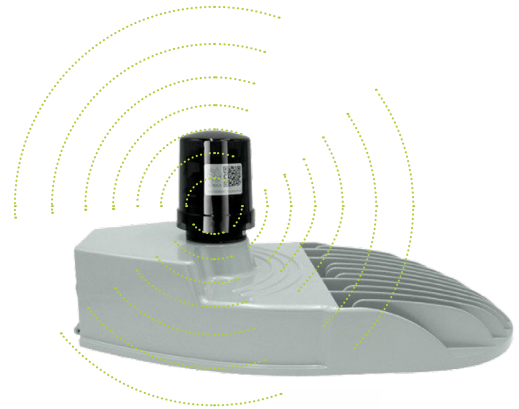


ISOLUX DIAGRAM



## SMART CONTROL SYSTEM (SOLD SEPARATELY)

For more information, please visit our website.



### EMSTATION 2.0

EmStation works as an intermediate to connect end device and network server, which plays a vital role in LoRa communication.

### APPLICATIONS

- Intelligent Light Control
- Intelligent Building
- Intelligent Agriculture
- Intelligent Parking Lot
- Asset Positioning
- Environment Monitoring
- Industrial Data Collection and Control

### BALDURTOUCH II

BaldurTouch II, independently researched and developed by E-MAGA, is an intelligent terminal node for measuring and controlling street lights in public lighting application.

### LAMP CONTROLLER

- Standard NEMA Socket: Plug and Play
- Comprehensive critical electrical parameters monitoring, A, V, Wh, W, Hz
- Water Proof IP65 protection grade
- Mainly used in smart street lighting at present

For more information, please consult factory.

