

**Wattages: 100W, 150W**



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.

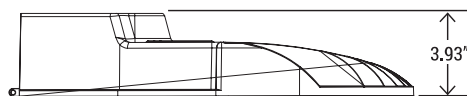
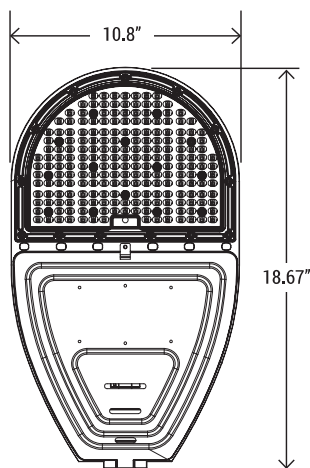
- Die Cast aluminium cooling design, high quality and better cooling for LED  $T_j < 85^{\circ}\text{C}$ .



SPECIFICATION		
WATTAGE	100W	150W
LUMEN	15100 Lm	22650 lm
EFFICACY	151 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 (23.6 inch)	
WARRANTY	5 year limited	

**Wattages: 100W, 150W**

### 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

### ORDERING INFORMATION

EXAMPLE:

**WSD-ST10W27-50K-S**

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

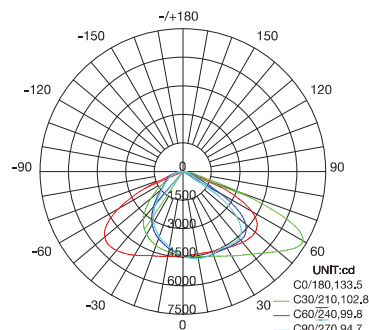
Wattages: 100W, 150W

### PHOTOMETRICS

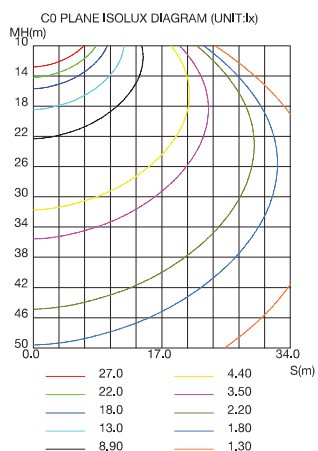
For complete IES files, please visit our website.

#### WSD-ST10W27-50K

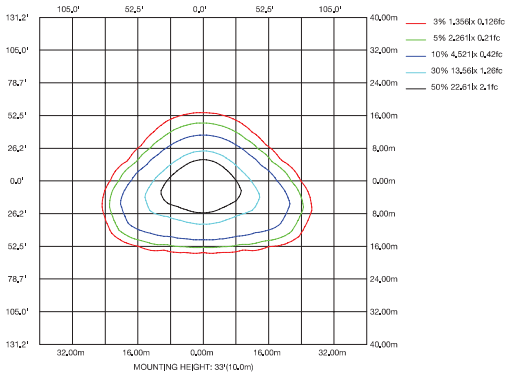
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):107.7 DEG

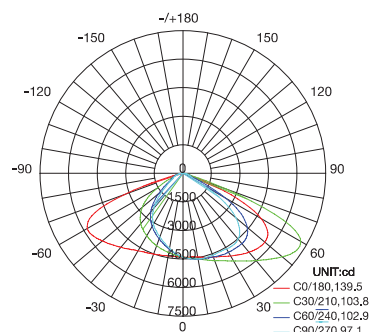


ISOLUX DIAGRAM

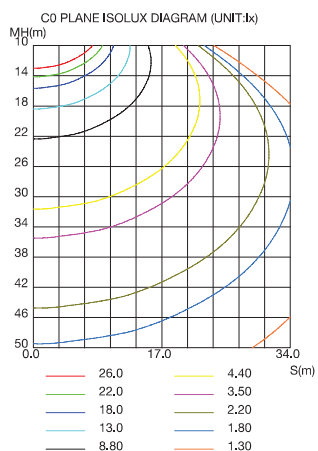


#### WSD-ST10W48-50K

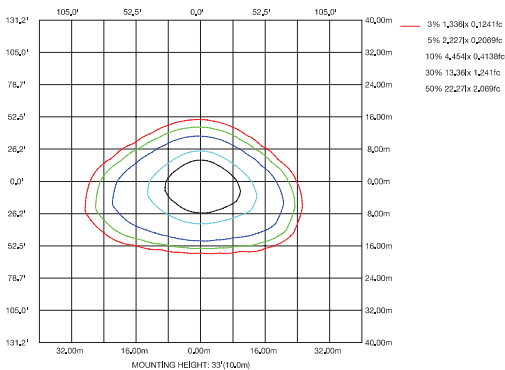
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):110.8 DEG

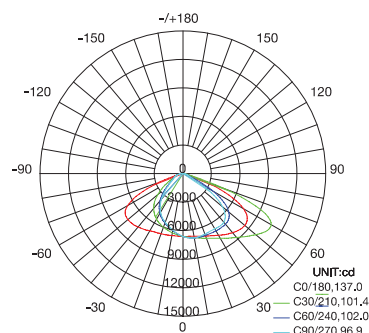


ISOLUX DIAGRAM

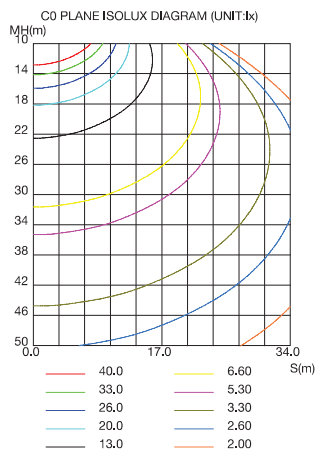


#### WSD-ST15W27-50K

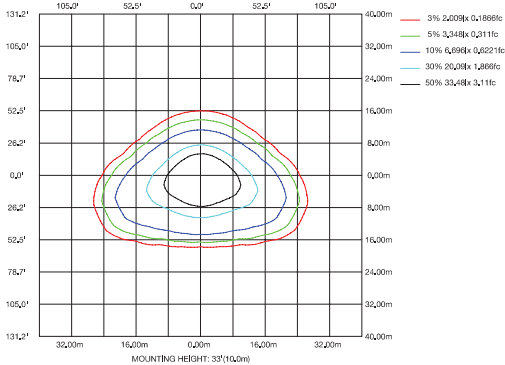
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):109.3 DEG



ISOLUX DIAGRAM



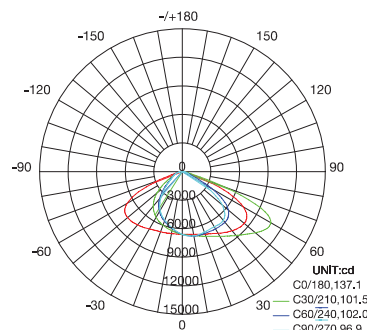
Wattages: 100W, 150W

### PHOTOMETRICS

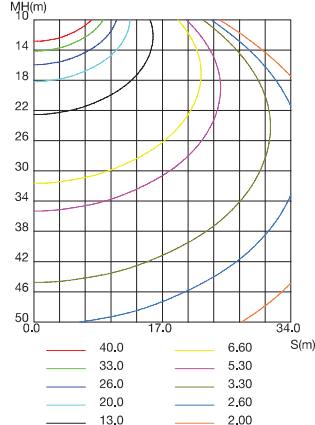
For complete IES files, please visit our website.

#### WSD-ST15W48-50K

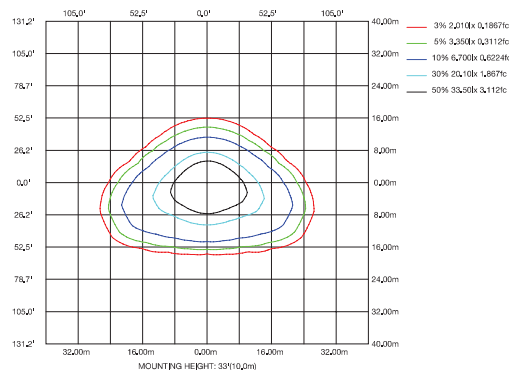
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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.

