

LED Street Light Series

Lighting and Power
Technologies LLC

Wattages: 100W, 150W

CODE: 90199-100



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.

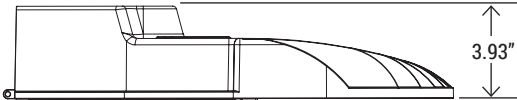
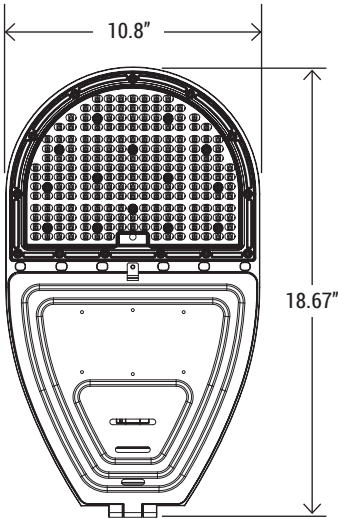


SPECIFICATION		
WATTAGE	100W	150W
LUMEN	15000 Lm	22700 lm
EFFICACY	150 lm/W	151 lm/W
CCT	4000K, 5000K	
CRI	70	
INPUT VOLTAGE	AC120-277V / 277-480V	
LIGHT ANGLE	85° x 140°	
POWER FACTOR	0.95	
DRIVER EFFICACY	90%	
ADAPTER SPECIFICATION	ST-ADP2.5-3	
WORKING TEMPERATURE	-22°F ~ 113°F	
LIFESPAN (L70)	75,000 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
Photocrystal 120-277V



M-480
Photocrystal 420-530V

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

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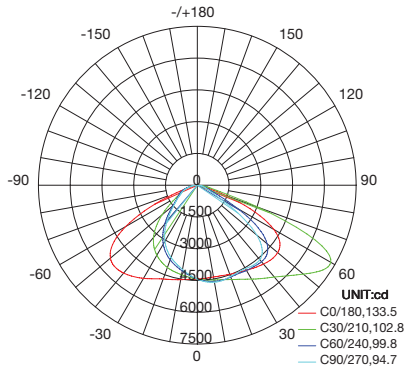
Wattages: 100W, 150W

PHOTOMETRICS

For complete IES files, please visit our website.

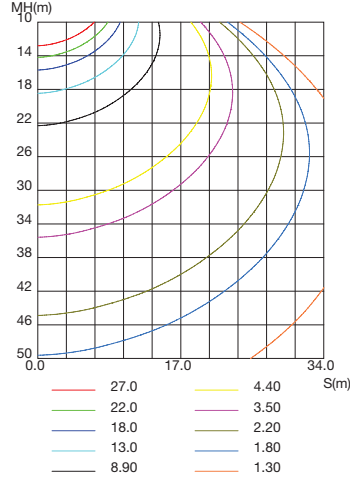
100W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

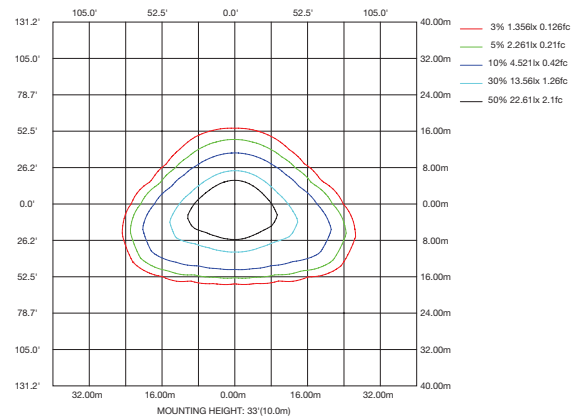


AVERAGE BEAM ANGLE(50%):107.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

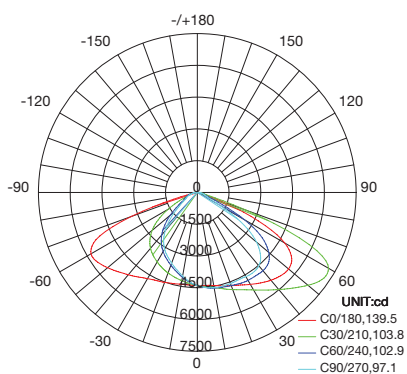


ISOLUX DIAGRAM



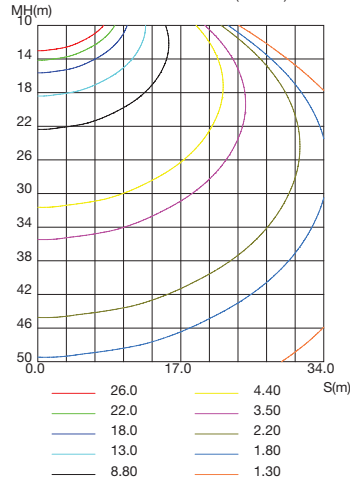
100W-480

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

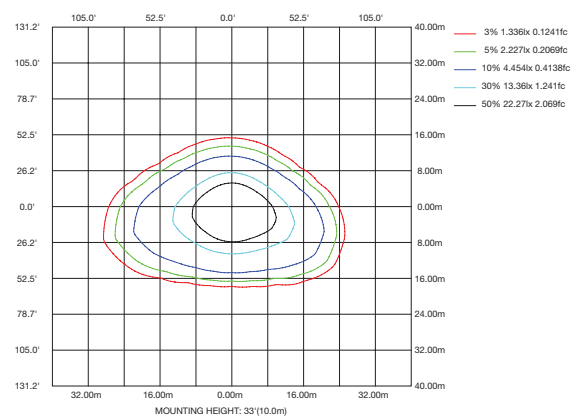


AVERAGE BEAM ANGLE(50%):110.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

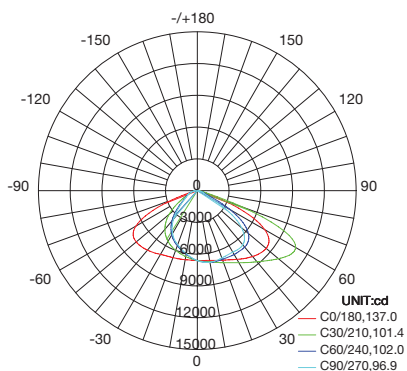


ISOLUX DIAGRAM



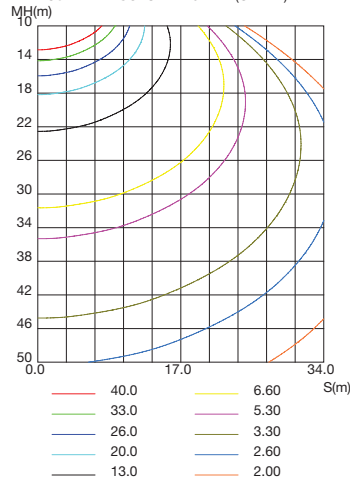
150W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

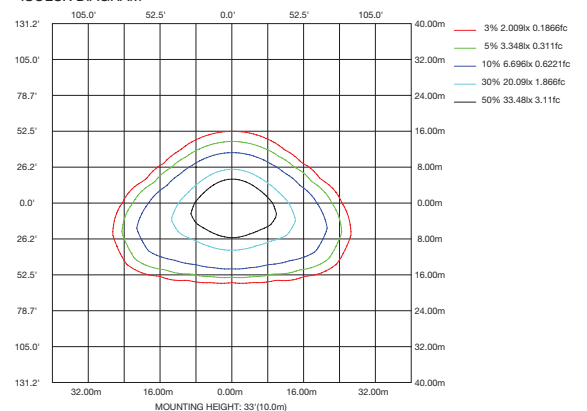


AVERAGE BEAM ANGLE(50%):109.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



ISOLUX DIAGRAM



LED Street Light Series

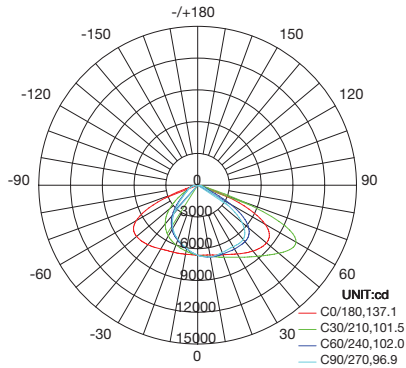
Wattages: 100W, 150W

PHOTOMETRICS

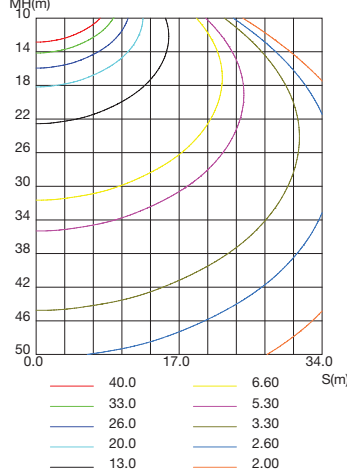
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150W-480

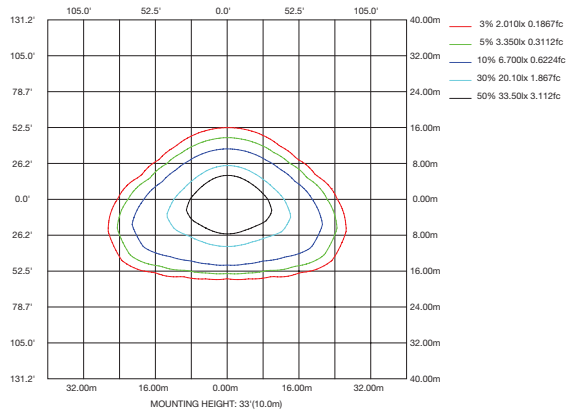
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

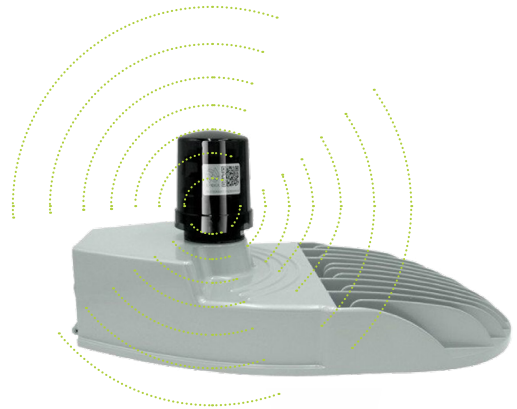


ISOLUX DIAGRAM



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

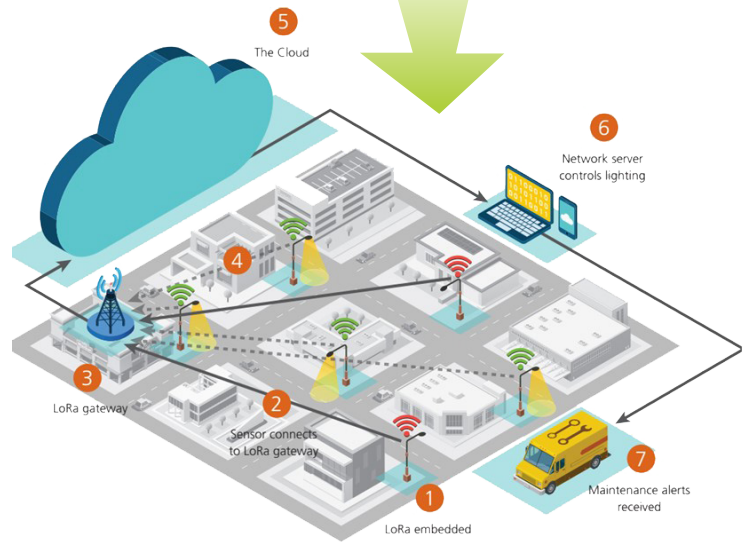
- Intelligent Light Control
- Intelligent Building
- Intelligent Agriculture
- Intelligent Parking Lot
- Asset Positioning
- Environment Monitoring
- Industrial Data Collection and Control

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.