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## CERTIFICATIONS



## MODEL# NSL-YZ-XXXW-27-XXK-X

Specifications:		
SKU:	NSL-100W-27-XXK-X	NSL-150W-27-XXK-X
Power:	100W	150W
Input Voltage:	AC100-277V	
Luminous Flux:	11,500 Lumens	17,250 Lumens
Efficacy:	115 lm/W	
Power Factor:	0.966	0.899
Driver Efficiency:	>90%	
CCT:	5000K (4000k Option)	
CRI:	70	
Total Harmonic Distortion:	21.03%	21.62%
LED Brightness Decay:	<5%/6,000 hours	
Working Life:	>50,000 hours	
Working Temperature:	-10°F to 105°F	
Protection Level:	Wet Location/IP65	
Product Size:	12.4" x 12.4" x 4.3"	
Packing Size:	13" x 13" x 5"	
Net Weight:	10 lbs	10.5 lbs
Gross Weight:	11 lbs	11.5 lbs
DLC Product ID:	50K: PY2MJLNO	50K: P4ZNFKKR
	40K: PCXT2BLL	40K: PEK4XDUH



## LED PARKING GARAGE HIGH CANOPY LIGHT

### Product Abstract:

Luma Series LED canopy light offer maximum light output for both indoor and outdoor applications. They efficiently deliver lumens, consume less energy than traditional MH, PSMH, HPS and HID technologies. Our canopy luminaire provides exceptional quality illumination, stability, durability, and cost savings. This versatile, sturdy and easy-to-install luminaire is ideal for replacing existing fixtures. They also heighten safety and provide greater security for pedestrians.

**Application:** Parking structures, storage areas, shopping area walkways, entryway, low roof security and much more.

**Mounting Height:** 10' to 25'

### Led characteristics:

- Philips Lumileds LED, high luminous efficacy and long working life.
- 50,000+ hour LED lifespan based on IES LM-80 results and TM-21 calculations.
- LED color temperature is warranted to shift no more than 200K in CCT over a 5-year period
- Our range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

### Construction:

- Minimum starting temperature is -10°F
- Suitable for use in areas up to 105°F ambient temperatures
- Die-cast aluminum housing with die-cast backbox with four conduit entry points and knockout pattern for junction box or direct wall mounting. Hinged door for easy re-assembly
- Newest light weight design for easy installation, at the same time still with excellent heat dissipation for longer lifespan
- High-temperature silicone gaskets
- Ingress Protection rating of IP65 for dust and water
- Powder-coat finish formulated for high-durability and long-lasting color
- Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### Optics:

- Prismatic polycarbonate lens UV coated and treated against turning color
- Excellent 110° optics design, greatly improve the light utilization and evenness

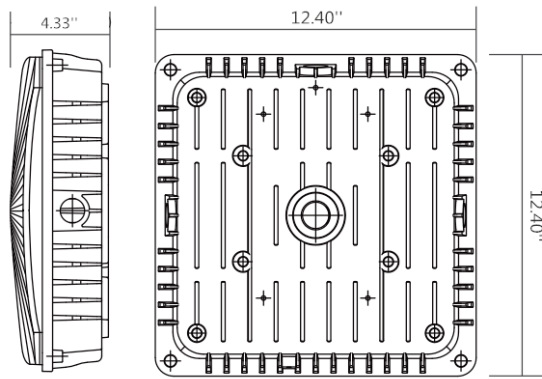
## COMPARISON TABLE

Type	Wattage	Energy Saving (%)	L70 Life Span
Luma Series - 11,500 Lumens	100W	--	>50,000 Hours
250W Metal Halide	290W	66%	10,000 Hours
400W High Pressure Sodium	458W	78%	20,000 Hours
Luma Series - 17,250 Lumens	150W	--	>50,000 Hours
400W Metal Halide	458W	67%	10,000 Hours
400W High Pressure Sodium	458W	67%	20,000 Hours

## LAMP CODE DEFINITIONS

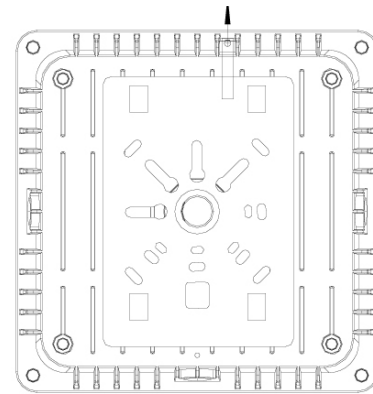
Product	Power	Voltage	Color Temp.	Finish
NSL-YZ: LCP High Canopy Light	100W: 100W 150W: 150W	27: AC100-277V	40K: 4000 Kelvin 50K: 5000 Kelvin	B: Black D: Dark Bronze W: White

## PRODUCT DIMENSION

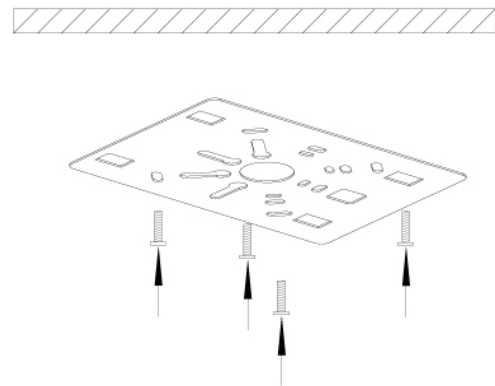


## 1. SURFACE MOUNTED WITH J-BOX

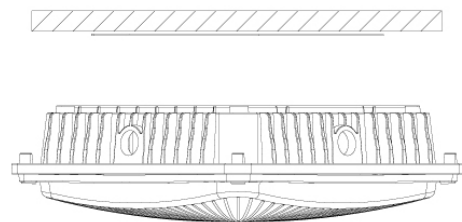
1. Loosen the screw on side of the light, removing the bracket from Canopy light by pulling it out slightly, just leaving the ring on bracket.



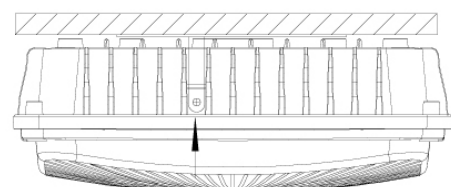
2. Fix the bracket on J-box, and put the wire through the central hole for wiring.



3. Attach the Canopy light with bracket by putting the ring on clips again. Connect the Black wire for Line, White for Neutral, Yellow Green for Ground.

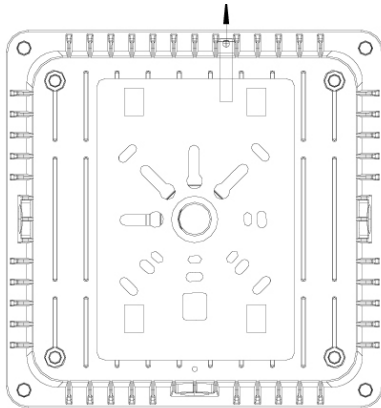


4. Slide the Canopy lights into bracket, and secure the screw on side of the light to prevent the light from sliding out from the bracket Installation done.

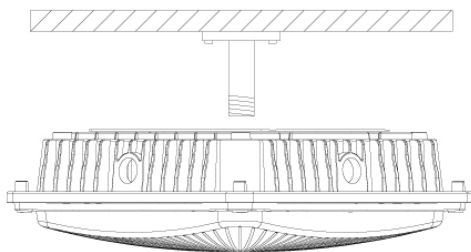


## 2. PENDENT WITH 3/4 INCH CONDUIT

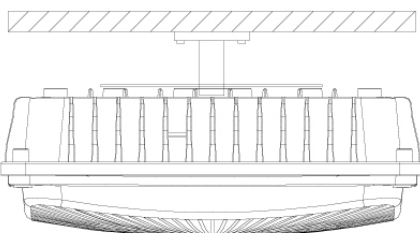
1. Loosen the screw on side of the light, removing the bracket from Canopy light by pulling it slightly out, just leaving the ring on bracket (See the Step 1 above)



2. Connect the wires threaded from conduit and Canopy, Black wire for Line, White for Neutral, Yellow Green for Ground.



3. Screw the Conduit into the hole on top of Canopy light, Installation done.

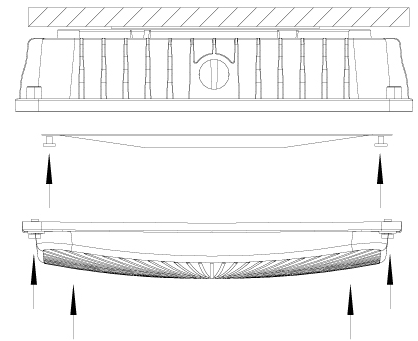
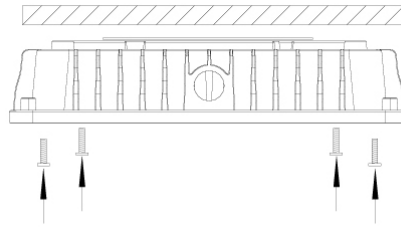
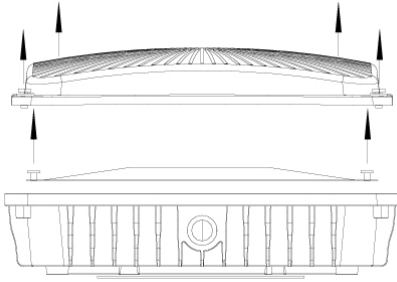


### 3. SURFACE MOUNT

1. Remove the lens and metal plate by unscrewing the screws.

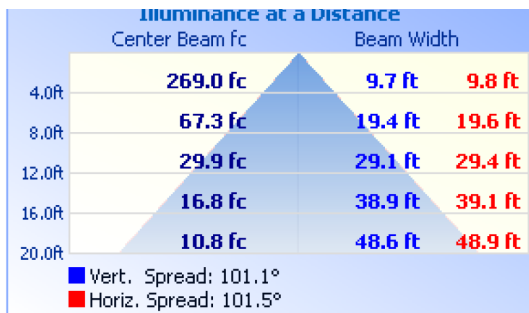
2. Fixture is best mounted by drilling through back of fixture securing it to the mounting surface using the appropriate mounting hardware for the surface. Mounting hardware supplied by others. When drilling holes do not drill within 1/4" All unused holes must be plugged. Waterproof silicone will ensure a tight seal.

3. Replace the metal plate and the lens, make sure no wires are pinched when replacing parts.

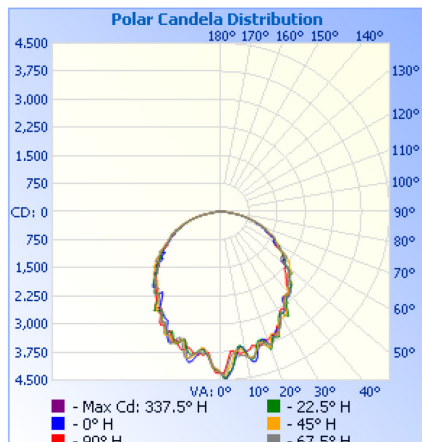


### PHOTOMETRIC REPORT

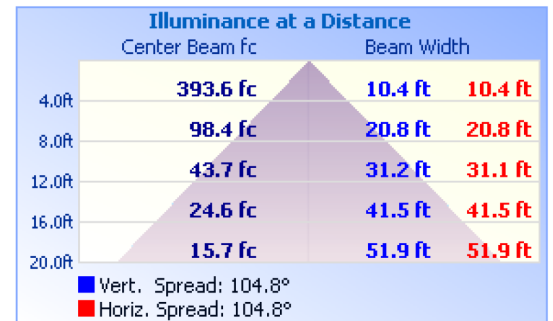
#### 100W



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	3,044.3	27.2%
0-40	4,900.6	43.8%
0-60	8,625.8	77.1%
60-90	2,519.2	22.5%
70-100	1,126.5	10.1%
90-120	27.3	0.2%
0-90	11,144.9	99.6%
90-180	39.6	0.4%
0-180	11,184.5	100%



#### 150W



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	4,496.4	27.3%
0-40	7,251.3	44%
0-60	12,752.8	77.4%
60-90	3,680.0	22.3%
70-100	1,629.7	9.9%
90-120	37.9	0.2%
0-90	16,432.8	99.7%
90-180	52.6	0.3%
0-180	16,485.4	100%

