LEDSION

V3 Oval Parking Garage LED

Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....





FEATURES

- 30/40/60W Tunable wattage, highest 9000lm output.
- Built in Occupancy Sensor optional.
- Unique oval design with widest beam angle
- Corrosion and rust proof, IP65 RATED.
- 50,000 hours life, DLC PREMIUM.

SUITABLE APPLICATIONS

- Indoor parking Garage Lighting
- Hallway or underground Garage Parking lighting

CONSTRUCTION:

Heavy die-cast aluminum alloy housing white powder-coated finish.

ELECTRICAL:

Available as 120-277V input. -20°C to 45°C.

OPTICAL SYSTEM:

Lumileds 2835 LED chips. High quality oval PC cover optics. 154.3° beam angle.

INSTALLATION&MOUNTING:

Ceiling mount or 3/4" thread conduit entry on top or side for pendant mounting (pendant provided by others)

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	Power Factor	Wattage	Voltage/CurrentInput		Lumen Output	Kelvin Options
			120V	277V		
LS-3NCP30W-50K-X	0.9	30W	0.25A	0.10A	4500LM	3000K/4000K/5000K
LS-3NCP40W-50K-X	0.9	40W	0.33A	0.14A	6000LM	3000K/4000K/5000K
LS-3NCP60W-50K-X	0.9	60W	0.50A	0.21A	9000LM	3000K/4000K/5000K

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LED SION
LIGHTING

Special Function & Accessory



18W Emergency Driver

Model: EMWC18W



PRODUCT ORDERING GUIDE

LS-3NCP30W-50K-C(Z)

1	2	3	4	5
LS	-	3NCP	40W	-	50K	-	C(Z)

☑ LS LEDSION

☑ 3NCP G3 New canopy

☑ 30W Power 30W ☐ 40W Power 40W

☐ 60W Power 60W

☐ 30K CCT:3000K

☐ 40K CCT:4000K

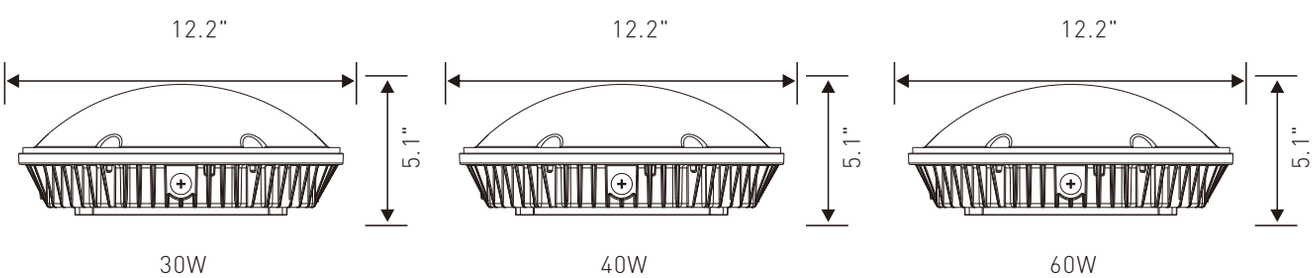
☑ 50K CCT:5000K

X ☑C: Normal ☑C(Z): Motion Sensor

Electric Characteristic

Specification/Model	LS-3NCP30W-50K-C	LS-3NCP40W-50K-C	LS-3NCP60W-50K-C
LED Driver	UL listed KHM Brand Dimmable		
Input power	30W	40W	60W
Lumens output	4500LM	6000LM	9000LM
Efficiency	150LM/W	150LM/W	150LM/W
CRI	＞72	＞72	＞72
Color Temperature	5000K	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	154.3D	154.3D	154. 3D
Working temperature	-20+45℃	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃	＜75℃
lamps efficiency	≥90%	≥90%	≥90%
Certificate	ETL DLC	ETL DLC	ETL DLC
Equivalent	100-150W HPS	150-200W HPS	200-250W HPS

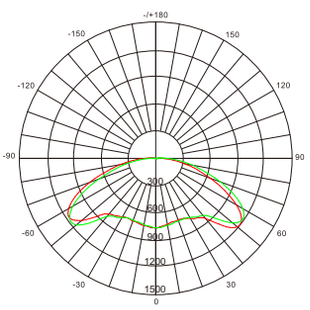
DIMENSION



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DISTRIBUTION DIAGRAM

LS-3NCP30W-50K-C



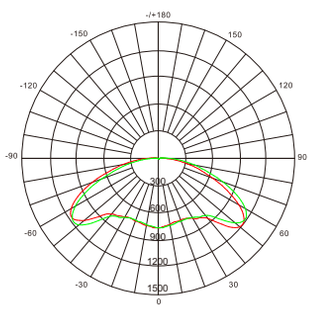
AVERAGE BEAM ANGLE(50%): 154.3°

UNIT:CD

Test Number:LS-3NCP30W-50K-C
Lumens:4500LM
Test Number:30W
Test Number:5000K

C0/180, 154
C30/210,111.5
C60/240,109.7
C90/270,154.2

LS-3NCP40W-50K-C



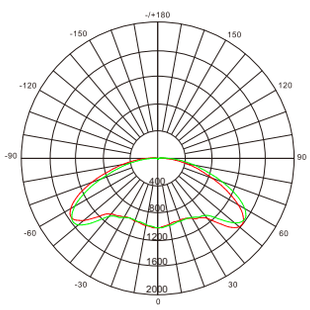
AVERAGE BEAM ANGLE(50%): 154.3°

UNIT:CD

Test Number:LS-3NCP40W-50K-C
Lumens:6000LM
Test Number:40W
Test Number:5000K

C0/180, 154
C30/210,111.5
C60/240,109.7
C90/270,154.2

LS-3NCP60W-50K-C



AVERAGE BEAM ANGLE(50%): 154.3°

UNIT:CD

Test Number:LS-3NCP60W-50K-C
Lumens:9000LM
Test Number:60W
Test Number:5000K

C0/180, 154
C30/210,111.5
C60/240,109.7
C90/270,154.2

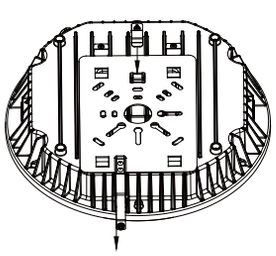
Installation Instruction

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

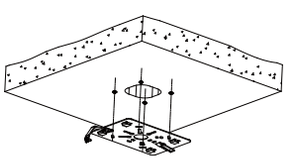
1. To prevent personal injury or product damage only licensed electricians should install.
2. To avoid electrical shock or component damage, disconnect power before attempting installation or servicing.
3. This product must be installed in accordance with the national electric code (NEC) and all applicable federal, state and local electric codes and safety standards.
4. Disconnect product and allow cooling prior to any further steps.
5. Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
6. To prevent product malfunction and/or electrical shock this product must be properly grounded.
7. This luminaire is designed to operate in ambient temperatures ranging from -25°C to 40°C and to be horizontally mounted with the LED board facing downward.

Surface-mounted with J-BOX

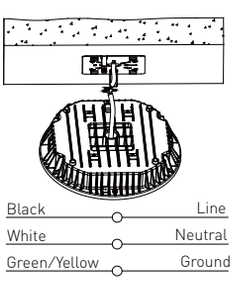
1. Loosen the screw on the side of the housing and pull out the connecting plate



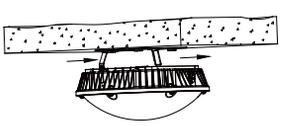
2. Fix the connecting plate onto the ceiling and put the wire through center hole



3. Buckle the connecting plate into the clips and connect the wires as following shows

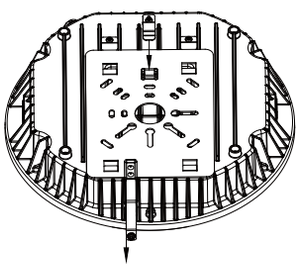


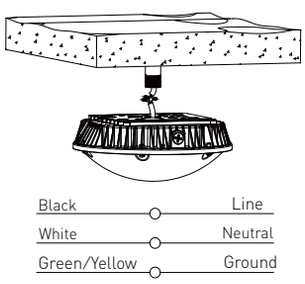
4. Slide lamp back into the connecting plate and fix the screw that is removed in step one

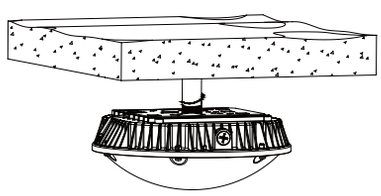


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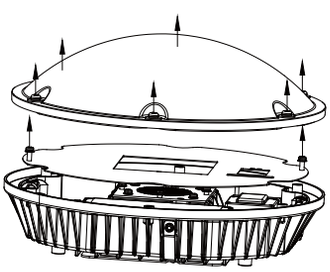
Pendent Installation with 3/4 inch conduit

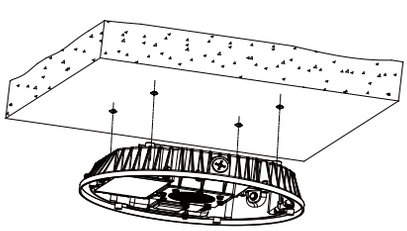


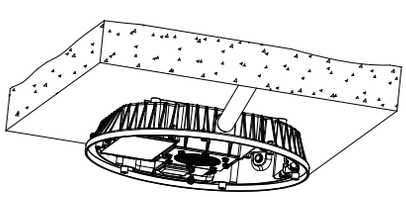


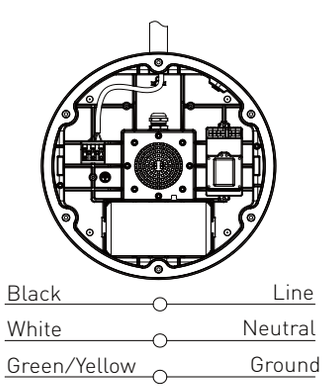


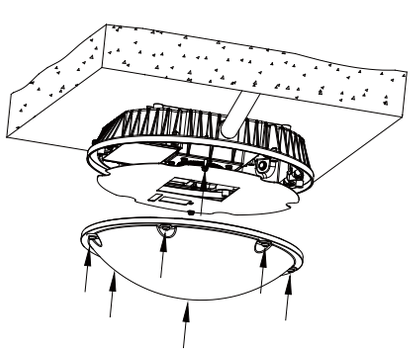
Surface-mounted with side-wiring



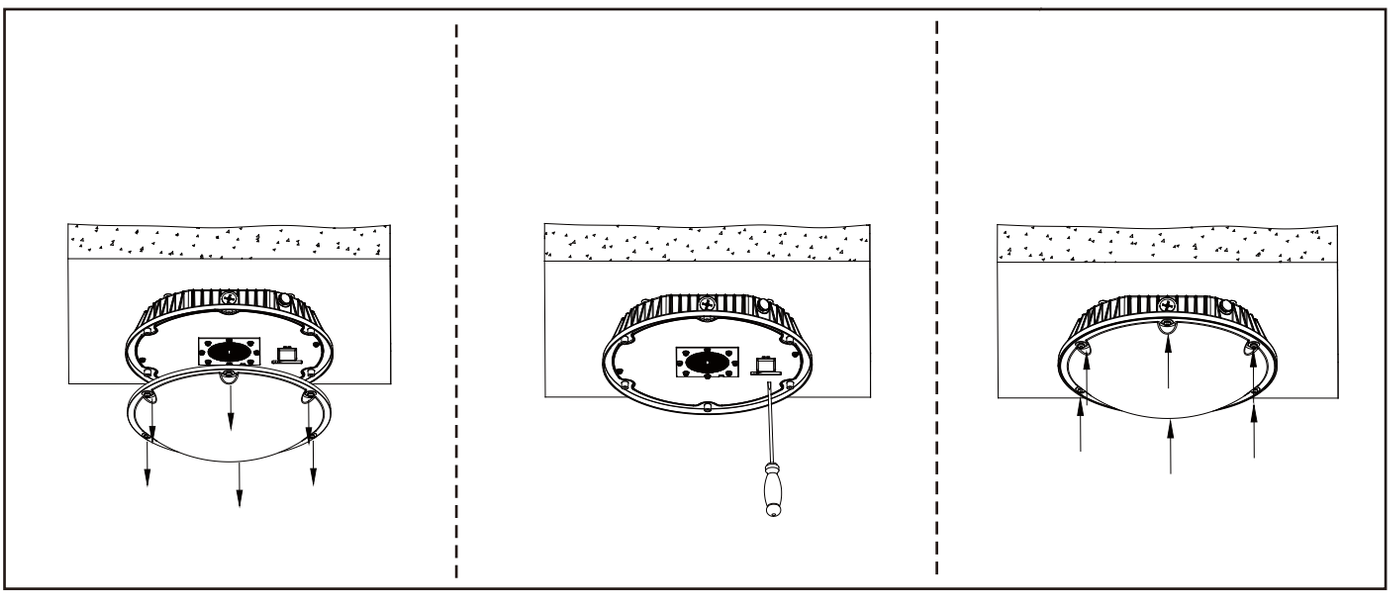








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Setting

By selecting the combination on the DIP switches, sensor data can be precisely set for each specific application.

ON		1	2	
	Ⅰ	ON	ON	100%
	Ⅱ	ON	–	75%
	Ⅲ	–	ON	50%
	Ⅳ	–	–	10%

Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application .

ON		3	4	5	
	Ⅰ	ON	ON	ON	
	Ⅱ	–	ON	ON	30s
	Ⅲ	ON	–	ON	90s
	Ⅳ	–	–	ON	3min
	Ⅴ	ON	ON	–	20min
	Ⅵ	–	–	–	30min

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

ON		6	7	8	
	Ⅰ	ON	ON	ON	0s
	Ⅱ	–	ON	ON	5s
	Ⅲ	ON	–	ON	5min
	Ⅳ	–	–	ON	10min
	Ⅴ	ON	ON	–	30min
	Ⅵ	–	ON	–	1h
	Ⅶ	–	–	–	+∞

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people.
When set to“ +∞mode, the low light is maintained until motion is detected.

ON		1	2	3	4	
	Ⅰ	–	–	ON	ON	2Lux
	Ⅱ	–	–	–	ON	5Lux
	Ⅲ	–	ON	ON	–	10Lux
	Ⅳ	–	–	ON	–	25Lux
	Ⅴ	–	ON	–	–	50Lux
	Ⅵ	ON	–	–	–	100Lux
	Ⅶ	–	–	–	–	Disable

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.
When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.
50lux, 30lux: twilight operation, 10lux, 5lux: darkness operation only.
Note that daylight sensor is active only when lamp totally switches off.

ON		5	6	
	Ⅰ	ON	ON	50%
	Ⅱ	–	ON	30%
	Ⅲ	ON	–	20%
	Ⅳ	–	–	10%

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.