



ORBIX NX Series

COMMERCIAL, ALL-IN-TWO

SOLAR POWERED LED STREET LIGHT

IP65

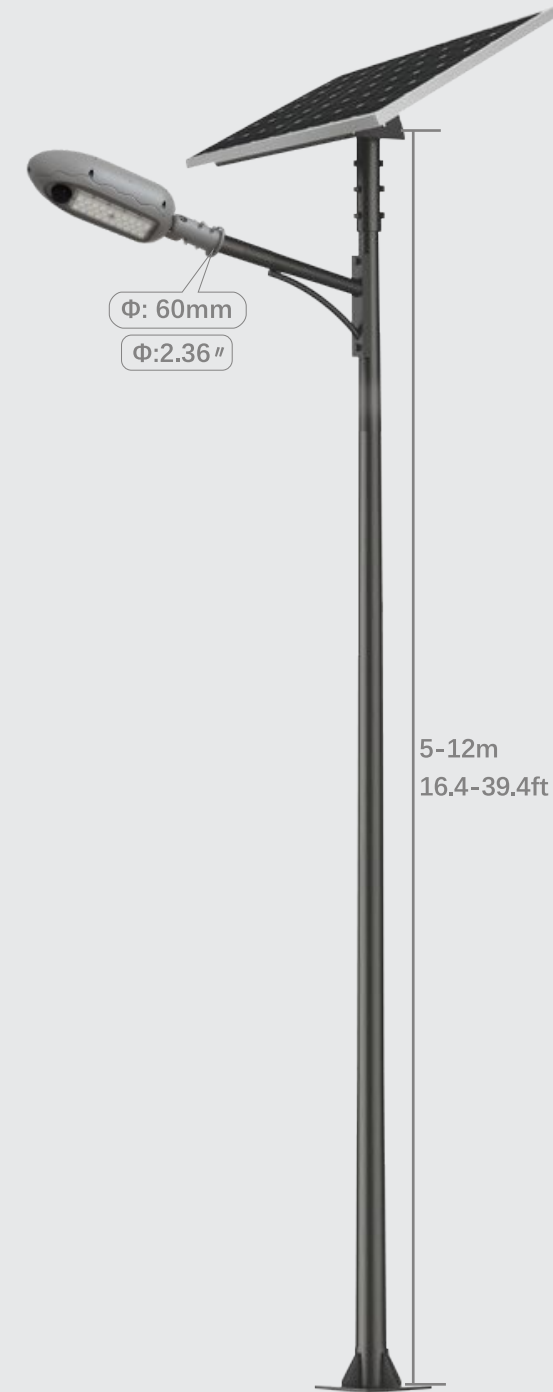
THREE-YEAR

3

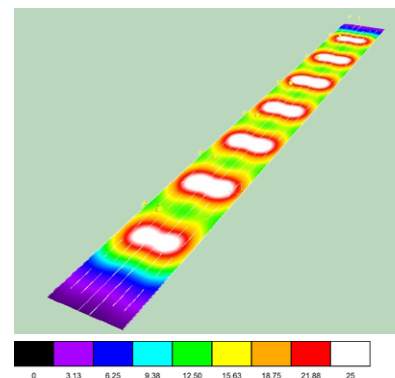
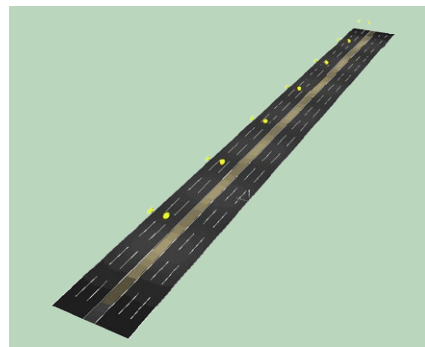
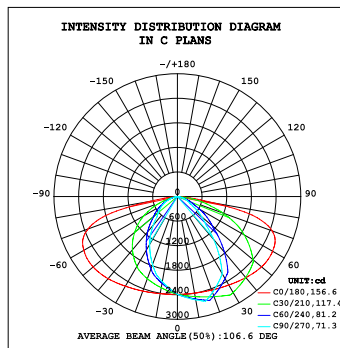
WARRANTY

ORBIX NX Series Product Range

Model No.	NX-15W	NX-20W	NX-30W	NX-40W	NX-50W	NX-60W	NX-80W	NX-100W
Lumen Output	2000lm	2800lm	4200lm	5600lm	7000lm	8400lm	11200lm	14000lm
Wattage	15W	20W	30W	40W	50W	60W	80W	100W
LED Type & Qty	Bridgelux 5050 Led chip & 28pcs							
Luminous Efficacy	High efficiency 140lm/w for whole system							
CCT	5000K (3000K& 4000K available as an optional)							
CRI	>Ra70 (>Ra80 optional)							
Beam Angle	150°x 70°							
IP Rating	IP 66							
Lithium Battery type	Li(NicoMn) O2 (LiFePO4 Lithium battery as an optional)							
Battery Capacity	16AH 12V	18AH 12V	22AH 12V	28AH 12V	33AH 12V	22AH 24V	24AH 24V	28AH 24V
System Voltage	12V	12V	12V	12V	12V	24V	24V	24V
Solar Controller	PMW	PMW	PMW	PMW	PMW	MPPT	MPPT	MPPT
Solar Panel Type	Monocrystalline silicon, high efficiency up to 19%							
Solar Panel Capacity	18V 50W	18V 60W	18V 80W	18V 80W	18V 100W	36V 120W	36V 160W	36V 200W
Installation Height	4-6M	5-6M	5-8M	6-8M	7-9M	8-9M	8-10M	9-12M

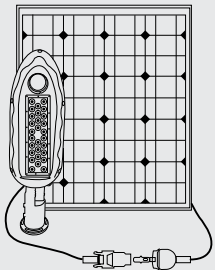


Photometric Diagrams



60958-2-3 Class III

Detailed View



Compact system

- Led light, battery, solar controller, sensor built-inside of light with a separate solar panel.
- Die-cast aluminum lamp body with good heating dissipation performance.



Lithium Battery Pack

- High temperature resistant, up to 70C°.
- >1000 cycle times / >2000 cycle times (DOD70%).
- With Smart BMS protection.



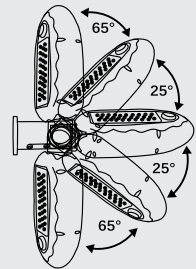
Wide beam angle

- The wide beam is spread through wide areas and huge spaces without highlighting any specific area or object.



Intelligent control

- Daynight sensor Microwave sensor control.
- Timing control & brightness control.



Adjustable brackets

- Marked with digitals, easy to adjust up / down $\pm 90^\circ$ when installation. Flexible for different projects condition.



MC4 Plug and Plug

- MC4 male & female plug directly to the solar panel.
- Easy for installation.
- 2.5mm power cord for less Voltage drop.



4 working modes

1 100% 6hrs+50% 6hrs

2 100% 3hrs +50%
4hrs +30% 5hrs
(default lighting mode)

3 100%-2hrs+70%-2hrs+50% 2hrs ;
50% when people come ,
20% far away-6hrs

4 100%-3hrs+when people come 80%,
far away 40%-4hrs+when people
come 50%, far away 20%-4hrs

All In Two Design, Solar Led Street Light

Solar LED street light manufactured to beat the common cob street lights and traditional led street lights

