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|---------------------|---------------|
| Project Name: | Fixture Type: |
| Complete Catalog #: | Date: |
| Comments: | |

NEUTRON STAR STREET LIGHT



The Neutron Star Street Light has an ultra-modern, sleek housing design that blends into any urban environment. These fixtures combine excellent light distribution, efficiency, & reliability. Patented Zeiss polycarbonate optics will not yellow nor degrade, for long-term, homogenous light distribution to any streetscape. Neutron Star is Dark Sky compliant and available with integrated motion detection, photocontrols, & individual addressability. The two-piece aluminum housing has a two-point keyless access, reducing installation and maintenance costs. A unique, adjustable slipfitter allows this street light to be easily installed and adjusted to the perfect angle. Patented thermal management design, Meanwell drivers, and Lumileds LEDs insures that these fixtures provide maintenance-free operation of more than 10 years or 50,000 hours.

FEATURES

- Field-adjustable light output
- Low EPA of 0.6 ft²
- LED Type - Lumileds
- System Efficiency - 130 lm/W
- Luminous Flux - up to 26,000 lumens
- Power Supply - Mean Well
- Input Voltage - 100-277 VAC
- Rebate Eligible - Yes, Contact for details
- Warranty - 10 Years or 50,000 Hours Non-Prorated

APPLICATIONS

- Street light
- Area light



NEUTRON STAR STREET LIGHT

ORDERING INFORMATION

| PART NUMBER | SYSTEM WATTS | LUMENS | VOLTAGE | DISTRIBUTION TYPE | CCT | LPW | DIMMABLE | MIN ORDER QTY | US STOCK |
|------------------|--------------|--------|-------------|------------------------------------|-----------------------------------|-----|------------------|---------------|----------|
| ECO-HDNS-40W-SL | 40W | 5,200 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-50W-SL | 50W | 6,500 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-60W-SL | 60W | 7,800 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-75W-SL | 75W | 9,750 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-90W-SL | 90W | 11,700 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-100W-SL | 100W | 13,000 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-120W-SL | 120W | 15,600 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-150W-SL | 150W | 19,500 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-180W-SL | 180W | 23,400 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |
| ECO-HDNS-200W-SL | 200W | 26,000 | 100-277 VAC | Type II, Type III, Type IV, Type V | 3000K, 4000K, 5000K, 5700K, 6500K | 130 | Photocell Sensor | 2 | No |

TECHNICAL SPECIFICATIONS

| | |
|--------------------|------------------------------------|
| System Efficacy | 130 lm/W |
| Luminous Flux | up to 26,000 lumens |
| CCTs | 3000K/4000K/5000K/5700K/6500K |
| Distribution Types | Type II, Type III, Type IV, Type V |
| CRI | 70+ |
| Input Voltage | 100-277 VAC |
| LEDs | Lumileds |
| Power Supply | Meanwell |
| Power Efficiency | >95% |
| Power Frequency | 50-60 Hz |
| Power Factor | >0.9 |
| THD | <20% |
| Certifications | cUL, ETL, FCC, RoHS |

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|-----------------------|--|
| Environment | IP66 rated, 3G vibration rating, 1000 hrs salt spray test, ASTM B117 |
| Surge protection | 10kV standard; 20kV optional |
| Lifetime (L70) | >100,000 hours |
| Warranty | 10 years or 50,000 hours non-prorated |
| Operating Temperature | -4°F - +104°F |
| Mounting Options | U-Bracket standard, Slip Fitter, Yolk |
| Dimmable | Photocell Sensor |
| Housing Material | Die-cast aluminum |
| Options | 20kV SPD, 3/5/7 pin photocontrol |
| EPA | 0.6 ft ² |

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

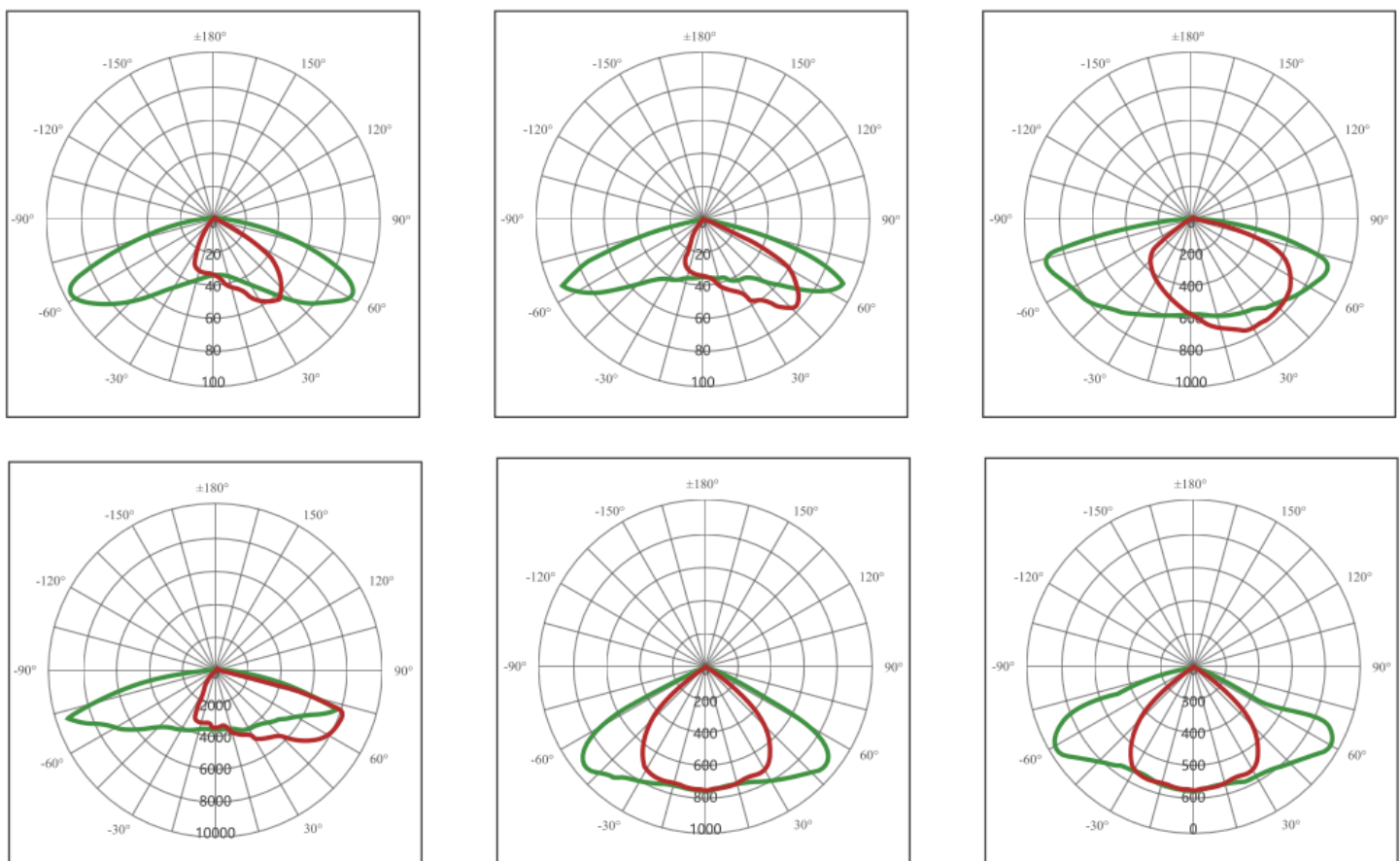
*IES files provided on request.

NEUTRON STAR STREET LIGHT

CONTROLS

- Available with integrated motion detection, photocontrols, & individual addressability
- Field-adjustable light output
- Connectors supplied for tool-less conversion to wireless dimming via PCR-7
- Field-changeable connectors quickly enable wireless node dimming, for future-proofing
- Suitable for 3/5/7-pin photocell
- ANSI C136.41 compliant

PHOTOMETRICS



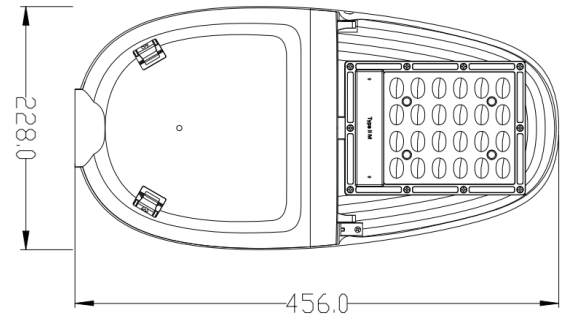
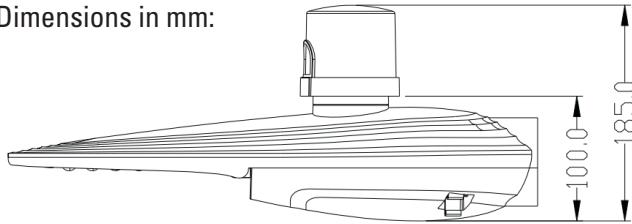
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DIMENSIONS

40W / 50W / 60W / 75W: 18.0"L x 9.0"W x 3.9"H

90W / 100W / 120W / 150W / 180W / 200W: 23.6"L x 11.2"W x 4.9"H

Dimensions in mm:



HOUSING FEATURES

Solid top to prevent bird nesting and allows rain to wash debris off



Tool free to open driver box

Tool free to open driver box, easy to replace the driver or do maintenance

