

Night Owl

Security / NEMA Head Lighting

The NO1 "Night Owl" is an LED energy saving cost-effective solution to replace 100 and 150 watt HID (HPS & MH) NEMA Heads.



Features: To access the driver compartment, surge suppressor, terminal block and mounting brackets; there is a tool less entry door that opens from the bottom side of the housing. The optical compartment is IP66. An optional tool-less refractor is available with or with out a glare shield. The casting has integral tilt-adjustment steps ± 5 degrees, optional seven (7) pin photo control receptacle and two bolt mounting that accepts 1-1/4" to 2" tenon arms.

Construction:

- Heavy duty die-cast aluminum housing
- Corrosion resistant (stainless steel) hardware
- Tool-less entry
- Three (3) station terminal block up to #6 AWG
- Mounting is adjustable for arms from 1-1/4" to 2" NPS (1.625" to 2.375" O.D.)
- Integral tilt-adjustment steps ± 5 degrees
- 3G vibration rated (ANSI C136.31)
- IP66 rated optical chamber
- Self cleaning heat sink
- Weight 9 lbs
- Effective Projected Area (EPA); 0.67 – 1.5 sq. ft.

Electrical:

- Driver power factor is 90% minimum
- Driver maximum THD of 20%
- Driver voltage 120-277v (50/60Hz), non-dimming standard with 3 pin photo control receptacle
- 0-10v dimming driver is standard with 7 pin photo control receptacle
- Electronic driver has an expected life of 100,000 hours at 25C ambient.
- Standard NEMA 3-pin twist lock photo control receptacle
- Optional NEMA 7-pin twist lock photo control receptacle
- Standard with 10kV/10kA surge protection (meets or exceeds ANSI/IEEE C62.41)
- Optional 20kV/20kA surge protection
- Suitable for ambient temperatures from -40C to +45C
- 86% lumen maintenance greater than 36,000 hours per IESNA TM-21

Optical:

- IP66 rated optics enclosure
- Glass lens
- Standard 4000K (optional 3000K)
- 70 CRI
- Type V light distribution
- No uplight without refractor
- Optional tool-less drop acrylic lens
- Optional tool-less drop acrylic lens with built in glare shield

Performance Ratings:

Input Wattage	Lumen Output
50W	6000 Lm
70W	7200 Lm

Certification Ratings:

- UL, cUL listed, suitable for wet locations
- 3G vibration rated (ANSI C136.31)
- IP66 fixture and optical enclosure (per ANSI C136.25-2009)
- LM79/LM80 compliant
- RoHS compliant

Warranty:

- 10 year standard warranty

Accessories:

- 20kV/20kA surge protector as option
- Optional Long-Life photocontrol



Ordering Information		Surge Protection	Control Receptacle	Controls	Options
Series	Lumen Package	Driver	Optical Distribution	CCT	Paint
NO1: Night Owl	A: 50W, 6000 Lumen B: 70W, 7200 Lumen	MV: 120 - 277V (lumen package A only) D: 120 - 277V w/ 0-10V dimming*	5: Type V*	4: 4000K* 3: 3000K	U: Bare Aluminum*
			D: Type V w/ detachable drop refractor (field installed) DG: Type V w/ detachable drop refractor and glare shield (field installed)	P3: 3 pin NEMA Photocontrol Receptacle P7: 7 Pin NEMA Photocontrol Receptacle (requires driver option "D")*	N: No Control* S: Shorting Cap L: Long-Life Photocontrol (HL-LL127-15BK12)
				1: 10kV/10kA* 2: 20kV/20kA	BLANK: No Options* AO: Adjustable Output Unit; AOU (requires driver option "D") 1: 18", 1-1/4" diameter AL arm w/ hardware 2: 24", 1-1/4" diameter AL arm w/ hardware 3: 30", 1-1/4" diameter AL arm w/ hardware 8: Prewired w/ 2pcs 60" 14AWG solid CU, BK-WH PK1: Packaged Kit 1; 24" arm w/ hardware AND 60" prewire PK3: Packaged Kit 3; 24" arm w/ hardware, 60" prewire AND Adjustable Output Unit (AOU)

* denotes standard configuration

