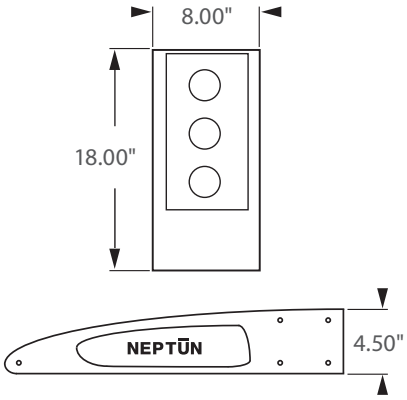
NEPTŪN
LIGHT

LED
MODULAR PARKING LOT FIXTURES
M1

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Dark Sky FRIENDLY

REPLACEMENT FOR 175W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-31 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 175W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- High Output COB LED's with borocilicate glass lens optics.
- High power factor, low THD driver with 6kV/3kA surge protection. Optional 20kV/10kA surge protector available.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 20 years Maintenance free operation.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-31060-M1-UNV-0-10VDIM-SF-850-LD-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-31 = Area / Parking Fixture	**040-M1** = 40 W **060-M1** = 60 W **080-M1** = 80 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC **24VDC** = 24 VDC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor	**SA6** = 6" Side Arm **SA6R** = 6" Side Arm (round pole adapter) **WM0** = 0" Wall Mount **WM6** = 6" Wall Mount **SA10** = 10" Side Arm **SF** = Slip Fitter **YK** = Yoke Bracket	**830** = 3000°K **835** = 3500°K **841** = 4100°K **850** = 5000°K **AMB** = Amber (585-595nm)	**LD** = Twistlock Photocell **MD** = Motion Sensor ON/OFF **SP** = 20kV/10kA surge protector **FSP-211** = Wattstopper Sensor (used with bi-level dimming option)	**T3** = Type 3 **T5** = Type 5	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT

ETL LISTED

lightinnovations@work™

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NEPTUN LIGHT

LED
MODULAR PARKING LOT FIXTURES
M2

PRODUCT INFORMATION

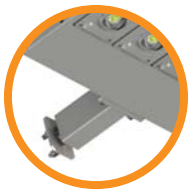
Model No.	Description	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-31040-M1-UNV	LED Area Fixture	42	5,420	120-277	0.36 - 0.15	<15%	>0.95	25 lbs
LED-31060-M1-UNV	LED Area Fixture	62	8,100	120-277	0.52 - 0.22	<15%	>0.95	25 lbs
LED-31080-M1-UNV	LED Area Fixture	82	10,800	120-277	0.61 - 0.30	<15%	>0.95	25 lbs

SPECIFICATIONS

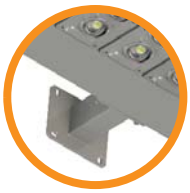
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 maximum
- Load Regulation: 5% output current variation across load range
- Line Regulation: 1% output voltage variation across voltage range
- Driver Off-State Draw ..... 0 Watts
- Vibration Compliance 3G
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Projected (L70) @ 25°C ..... > 100,000 hrs.
- Color Temperature ..... Multiple (± 300°K)
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 125
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.95
- Total Harmonic Distortion ..... < 15%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- EPA Rating ..... 0.71 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Arm Mount Single (SA6)



Wall Mount (WM6)



Wall Mount (WM0)

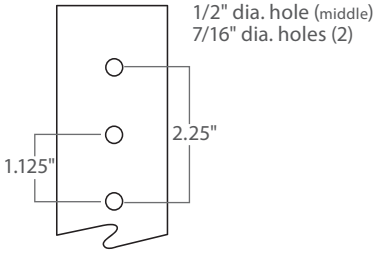
Slip Fitter Mount (SF)

2-1/2" I.D. Accepts up to 2-3/8" Tenon or Pipe

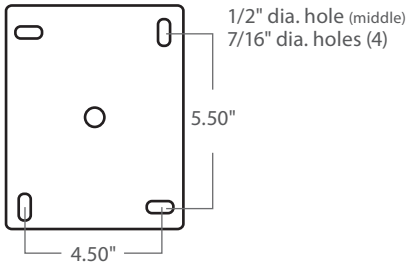
Yoke Mount (YK)

DRILLING PATTERNS

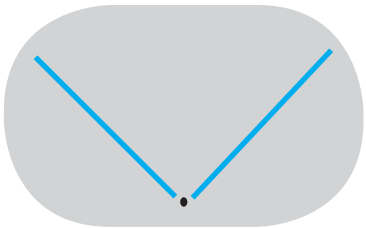
SA6, SA6R, SA10, SA10R, SA12, SA12R



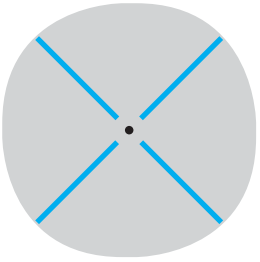
WM6



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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