Hatteras Light

Power Pedestal

The Hatteras Light is an elegant and low cost alternative to the Lighthouse. It utilizes the same 360 degree light assembly as the Lighthouse, yet is only 30 inches tall. Thousands of these attractive pedestals are found not only in marinas, but also around pools, deck areas, boardwalks and landscape areas. The housing will never rust or corrode and comes with a limited lifetime warranty. This unit is popular for smaller slips at marinas with the Lighthouse and for private docks.

Above:
Hatteras Light Power Pedestals

Hatteras Light Power Pedestal

- Standard Features
- Available Options
- Dimensions

Receptacle Configurations

For a complete listing of the receptacle configurations available for the Hatteras Light power pedestal, see page 19.

Standard Features

- Photocell Controlled 13 Watt Fluorescent Light (Clear Lens or Amber Lens for Bug Reduction)
- Circuit Breakers
- Heavy Resin Housing with a Two-Part Polyurethane Coating for a UV Resistant, Long Lasting Finish
- Copper Bus Bar with a Maximum Rating of 140 Amps

Available Options

- 20A / 125V GFI Receptacle (Max of 2 GFI Receptacles per Pedestal)*
- Digital Electronic Metering (One or Two Element Meter Available)
- Single or Dual Phone, Cable TV, High-Speed Internet Connections
- Single or Dual 1/2" or 3/4" Silcock with Stainless Steel Handles

* 20 Amp GFI receptacles are not to be used for shore power.

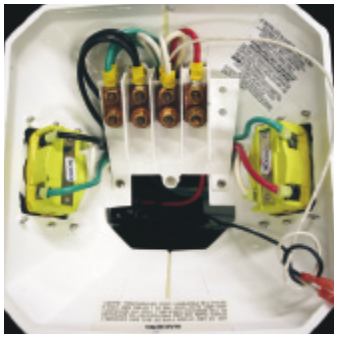
Dimensions

HATTERAS LIGHT

	IN.	MM
Height:	30	762
Width:	7.5	190.5
Depth:	7.5	190.5

Faceplate

Bus Bar



GFI Receptacle

Eaton Electrical Inc.
1000 Cherrington Parkway
Moon Township, PA 15108
United States
tel: 1-800-525-2000
www.EatonElectrical.com

General Specifications for the Hatteras Light

All Power Pedestals Must Meet the Following:

Part I. General:

1.1 General Requirements

A. Shall be tested and certified to be in compliance with ANSI/UL® 231 entitled "power outlets."

B. If a laboratory other than UL is used, that laboratory must certify, in writing, that the power outlet has been tested and meets all of the requirements of ANSI/UL 231, including 746C polymeric materials, and that the unit will pass the 94VO-5V flame test.

C. Shall be certified to meet all sections of NFPA® 303, Fire Protection Standards for Marinas and Boatyards – 2006 Edition.

D. Shall meet 406.8 (B)(2)(a) of the National Electrical Code® NFPA 70, i.e., "A receptacle installed in a wet location shall be installed in a weatherproof enclosure, the integrity of which is not affected when the attachment plug cap is inserted."

E. The receptacles shall be mounted at a down angle of 35 degrees or greater from vertical to relieve the strain of the cable weight on the receptacle locking mechanism.

Part II. Products:

2.1 Acceptable Manufacturers — Power Pedestals/Hatteras Light Enclosures

A. Eaton Corporation
Marina Power and Lighting
149 Warwick Court
Williamsburg, VA 23185
Toll Free 1-800-723-8009

2.2 Power Pedestals/Hatteras Light Enclosures — General

A. Housing:

1. The housing shall be constructed of 1/4" thick injection molded resin material and shall be coated with a UV-resistant polyurethane. It shall be UL listed as a type 3R weatherproof enclosure.

B. Wiring:

1. The power pedestal shall be completely pre-wired at the factory to the load side of the compression lug assembly.
2. All load copper wiring shall be of high stranding and tin-plated to resist corrosion.
3. The maximum size of the line wiring shall be # 2/0 AWG direct feed or #1 loop feed.

C. Loop Feed Bus Bar System:

1. The bus system shall be a 1/4" – 20 silicon-bronze stud with a silicon-bronze Belleville type washer. The 1/4" – 20 silicon-bronze hex-nut shall be torqued to 100 inch-pounds with a maximum wire size of 2/0 AWG.
2. Double Barrel Mechanical Lugs (Optional) — rated for copper and aluminum are available.

D. Grounding:

1. All exposed metallic parts must have an integral ground that is a part of the equipment grounding system.

E. Receptacles:

1. All receptacles shall be of the corrosion resistant type conforming to NEMA® L – 5 and/or NEMA L – 6 requirements and are rated for marine use. 100 amp receptacles should conform to IEC and CEE standards.
2. All receptacles shall be mounted at an angle that is a minimum 35 degrees from vertical and located behind a lockable weatherproof hinged door that is under tension to ensure proper closing pressure when the receptacle is or is not in use.
3. All receptacles shall be mounted at least 24" above the dock.

F. Circuit Breakers:

1. All breakers for receptacles shall be of the thermal-magnetic type, 10,000 AIC, and shall be UL listed.

2.3 Power Pedestals

A. Receptacles:

1. Receptacles for boat users shall be a locking and grounding type, either single-phase, 125 volt 30 amp and/or 50 amps, and/or 125/250 volt 50 amps.

B. Lighting:

1. Each pedestal shall be equipped with a non-metered light. The light shall be a 13 watt fluorescent biaxial light that is controlled by an electromechanical photocell.
2. The light shall provide 360 degree dock illumination such that indirect lighting extends from station to station with a minimum dock lighting of one foot candle at 15'. The lighting shall not interfere with boaters' navigation.

C. Circuit Breakers:

1. Circuit breakers for 30 amp receptacles shall be a single-pole, 125 volt, 30 amp thermo-magnetic type.
2. Circuit breakers for 50 amp receptacles shall be a single pole 125 volt 50 amp, or two-pole 125/250 volt 50 amp thermo-magnetic type.

Eaton Electrical Inc.
1000 Cherrington Parkway
Moon Township, PA 15108
United States
tel: 1-800-525-2000
www.EatonElectrical.com

D. Metering (Optional):

1. The pedestal can be equipped with one fully electronic meter that displays the kilowatt-hours used by the pedestal on a non-resettable digital counter that is protected from the weather. The accuracy of the meter must be certified by the manufacturer to have a 125 ampere rating and no more than a 2% error when tested in accordance with a ANSI-C12.1. (California requires 1%.)

E. Telephone and Cable TV (Optional):

1. Each pedestal can be equipped with one outlet. Each outlet shall contain a marine telephone locking receptacle and a male cable TV connector under a weatherproof cover.

F. Water (Optional):

1. Each pedestal shall be equipped with one or two 1/2" ball valves with each having a single 1/2" female NPT fitting.

G. Power Pedestals for A.D.A. Slips (Designated as Handicap Accessible):

1. Power pedestals installed on designated handicap accessible slips shall comply with the guidelines of the Americans With Disabilities Act of 1990.

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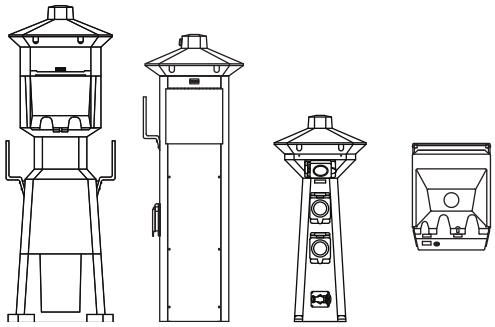
Receptacle Configuration Chart



SHORE POWER RECEPTACLES

Side One Power Outlets	Side Two Power Outlets	Phase	Lighthouse Maximum GFI*	Lighthouse-SS Maximum GFI*	Hatteras Light Maximum GFI*	Newport Harbor Mate Maximum GFI*
None	None	1	2	2	3	3
30	00	1	2	2	2	2
30	30	1	2	2	1	1
30-30	30	1	2	2	•	•
30-30	30-30	1	2	2	•	•
30	50	1	2	2	0	1
30-30	50	1	2	2	•	•
30-30	30-50	1	2	2	•	•
30-30	50-50	1	2	2	•	•
30-50	30-50	1	2	2	•	•
30-50	50-50	1	2	2	•	•
50	None	1	2	2	1	2
50	50	1	2	2	•	1
50-50	50	1	2	2	•	•
50-50	50-50	1	2	2	•	•
100	None	1	2	2	•	•
100	50	1	2	2	•	•
100	50-50	1	2	2	•	•
100	100	1	2	2	•	•
100	None	3	2	2	•	•
100	50-50	3	2	2	•	•
100	100	3	2	2	•	•

Note:

- Receptacle configuration is not available for this power pedestal.

* 20 Amp GFI receptacles are not to be used for shore power.