Light Nodes
Low Profile Surface Mounted Luminaires for LED Lamps

Patents Pending
Fixture Application
Fixture Application
(Continued)
Housing
Construction of a low copper content, cast aluminum alloy provides long term durability under the harshest environments. Light Nodes rigid one-piece housing is the ideal complement for today's long life LED lamps.

Internal Components
Light Nodes comes standard with a medium base socket for use with A19/PAR20/R20 LED lamps. For commercial installations requiring dedicated relamping of LED lamps, a GU10 base is available for use with MR16 LED 120V lamps.

Two recessed hex head screws extend through the top of the fixture housing and “ride” down the top of the Wall Mounting Plate to provide a solid fit against the mounting surface.

Bracket
The Wall Mounting Plate attaches to a variety of 4” recessed j-boxes (by others) and secures the Light Node housing. The socket bracket is vertically adjustable to recess the lamp further into the housing for maximum cutoff, or to lower the lamp for maximum forward light throw. The amount of cutoff and light throw depends on the lamp being used.

Lamp Guard
(Optional)
Closed cell E.P. D.M. gasket between the mounting surface and the Wall Mounting Plate prevents moisture from wicking into recessed j-boxes.
Lamp Application

After selecting the lamp type and beamspread (for PAR20 or MR16-LED lamps), adjust the socket position to increase lamp cut-off (fully raised) or lamp forward throw (fully lowered). For greatest visual comfort and cut-off, the socket position should place the lamp above the red dotted line.

Gasket
Closed cell E.P.D.M. gasket between the mounting surface and the Wall Mounting Plate prevents moisture from wicking into recessed j-boxes.

PAR20

R20

A19 P

A19

Housing

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Light Nodes

Day
8 housing designs allow the selection of the ideal complement for the architectural context. Light Nodes minimal size blends in and harmonizes with building features.

Night
At night, a wide variety of lamp types, color temperatures, and beam patterns provide shielded illumination to enhance the architecture, or low brightness pathway illumination to provide security.

8 Light Node Models

Curvilinear (LN10)
Angular (LN20)
Channeled (LN30)
Linear (LN40)
Neo-Classic (LN50)
Rectilinear (LN60)
Stepped (LN70)
Traditional (LN80)

Optical Configuration
Front
Side
Specifications

Housing - Wall Mounting Plate is .125" aluminum with top edge angled to receive the Light Node housing and slotted for mounting and leveling against a 4" recessed outlet box. Mounting plate is gasketed closed cell E.P.D.M. around the j-box entry. Housing is of durable, corrosion resistant, cast aluminum (A356 alloy; <.02% copper) construction. Housing has 2 hex head screws on top to tighten against the angled top of the mounting plate and draw the housing against the mounting surface. An internal bracket secures the housing to the mounting plate.

Lamp Socket - Lamp socket is either a medium base E26 (standard) or bi-pin twist-lock GU10 (optional). Lamp socket is vertically adjustable.

Finish - Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

Listings and Ratings - UL Listed for wet locations (down only).

Spec/Order Example: LN20/GU10/A19/RAL-8019-T

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<tr>
<td>Traditional LN80</td>
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NOTE:
1 – 3000K CCT LAMP INCLUDED
2 - USE LAMPS RATED FOR DAMP LOCATION OR WET LOCATION ONLY
   ALL LAMPS 120V

STANDARD TEXTURED FINISH

FOR SMOOTH FINISH
   REPLACE SUFFIX “T” WITH SUFFIX “S” (EXAMPLE: RAL-9005-S)

CONSULT FACTORY
   FOR CUSTOM COLORS
Light Nodes
Low Profile Surface Mounted Luminaires for LED Lamps

Surface Mounted Luminaires
A wide range of Wall/Surface Mounted luminaires provide the ideal tool for illuminating any outdoor structure.

A sample of the fixtures:
- 20 Series
- 8520 Series
- CBR5
- MLXT
- TLW
- STP-RM

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