

# LED Architectural Flood Light




## 50-200W Replacement

[www.evoluminalighting.com](http://www.evoluminalighting.com)

- Reduces up to 88% energy over incandescent and HID sources
- Extremely durable; up to 70,000 hour life with no bulb replacement
- Cutting-edge “heat sink” technology keeps the LEDs at their optimum performance temperature and extends product life
- High-quality, energy-efficient light for retail, architectural and landscape applications
- UV-free (safe for artwork)
- Made in America and ARRA-Compliant



### Features

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| <ul style="list-style-type: none"> <li>• <b>Applications:</b> LED light for building façades, landscape accenting, flagpoles, security, and signage</li> <li>• <b>Light Distribution:</b> Narrow Flood (standard), Medium Flood, Horizontal Flood</li> <li>• <b>Input Wattage:</b> Available in 15 or 24 Watts</li> <li>• <b>L70 Life Expectancy:</b> 70,000+ hours</li> <li>• <b>Durability:</b> Powdercoat finish suitable for maritime environments.</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Efficacy:</b> Up to 60 lumens per watt</li> <li>• <b>CRI:</b> 70 or above</li> <li>• <b>Listings/Ratings:</b>    <b>IP66</b></li> <li>• <b>Warranty:</b> Manufacturer warrants products to be free from defects for a period of five (5) years. Please refer to complete warranty and terms and conditions document.</li> </ul> |
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### Specifications

#### Construction:

The cast aluminum components is low-copper alloy A356. All extruded aluminum components is alloy 6061-T6, 6063-T5 or equal. The die-cast aluminum housing is designed to accommodate all electrical and optical components. Access to the optical components is made by removing (4) stainless steel fasteners located on the front of the luminaire. Access to the electrical components is made by removing (4) stainless steel fasteners located back of the luminaire housing. The lens frame accommodate the appropriate lens for the light output pattern needed. The lens frame is mechanically sealed with molded gasket for weather-tight operation on any fixed position. The luminaire is UL-listed and suitable for wet location (IP66 rated).

#### Installation:

The luminaire is mountable to both horizontal and vertical surfaces through a number of mounting accessories. Full 360° aiming is available in 5° increments. Aiming position is set by tightening (2) hex-head bolts on either side of the luminaire housing.

#### Electrical Assembly:

The electrical assembly is comprised of UL listed electronic driver and LED (Light Emitting Diode) light engine. The electronic driver has a constant-current output designed to operate the integral LED light engine at the required

power level. The driver has a high temperature, flameproof plastic enclosure and is integrally mounted with stainless steel fasteners. The input voltage range shall be 100-277 VAC, 47 to 63 Hz with a power factor greater than 0.9 (at full load and 115 VAC input). The input is protected against transient over-voltage. Operating temperature is -30°C to +60°C. The driver and the LED light engine is rated for operational lifetime of 70,000 hours or greater (MTBF for the driver, to 70% of initial lumens for the LED engine). The LED light engine is mounted to a thermally conductive medium (heat sink) and located within the sealed optical chamber.

#### Fasteners:

All fasteners are stainless steel. When tamper-resistant fasteners are required, spanner HD (snake eye) style is provided (special tool required, available at additional cost).

#### Finish/Color:

Finish is Beacote III polyester powdercoat electrostatically applied and thermo-cured. Luminaires are subjected to iron phosphate chemical pre-treatment prior to painting by immersion process.



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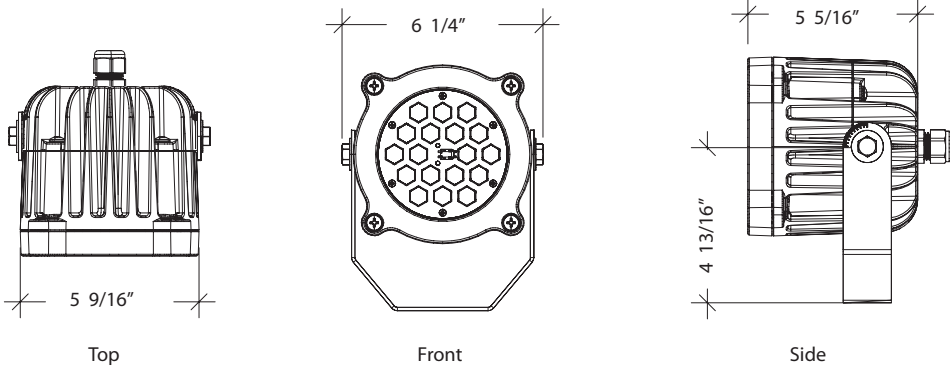
\* All data subject to change without notice.

Reference [www.EvoLuciaLighting.com](http://www.EvoLuciaLighting.com) or contact [sales@sunoviaenergy.com](mailto:sales@sunoviaenergy.com) for additional information. REV 01-2011  
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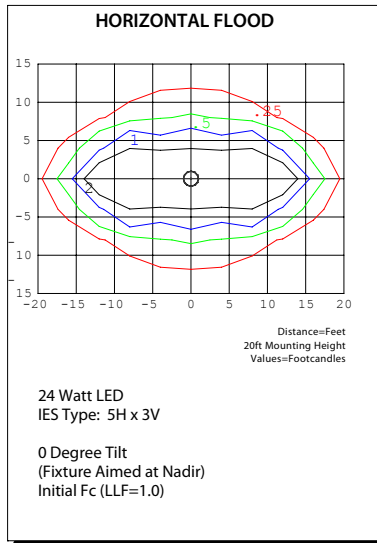
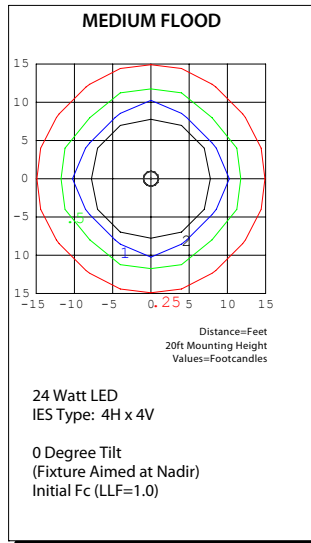
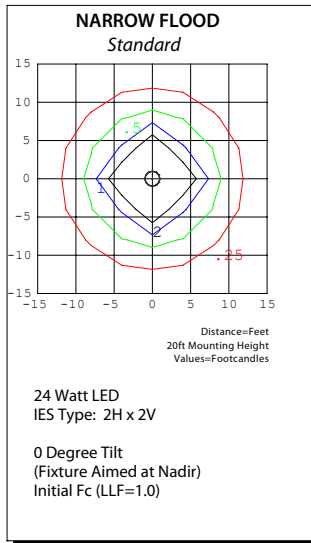
Project:	Approval:
Specifier:	

## Technical Specifications



**EPA:** 0.40 ft<sup>2</sup>      **Width:** 5 9/16" (13.49 cm)  
**Weight:** 10 lbs (4.54 kg)      **Length:** 5 5/16" (14.12 cm)  
**Height:** 4 13/16" (12.22 cm)

## Light Distribution Patterns



## Order Code

<b>UTL-1</b> /					
<b>Family</b>	<b>Wattage-Color Temp</b>	<b>Optics</b>	<b>Finish*</b>	<b>Input Voltage</b>	<b>Mounting and Accessories**</b>
	15-45 = 15W, 4500K 24-45 = 24W, 4500K 15-60 = 15W, 6000K 24-60 = 24W, 6000K	NF = Narrow Flood (Standard) MF = Medium Flood HF = Horizontal Flood	BB = Black (standard) BZ = Bronze BG = Green BW = White BY = Gray BR = Red <sup>1</sup> BL = Yellow <sup>1</sup>	UNV = 100-277 VAC	GS = Ground Stake PA = Post-Top Adaptor VS = Visor TS = Tree Strap AJ = Architectural Junction Box

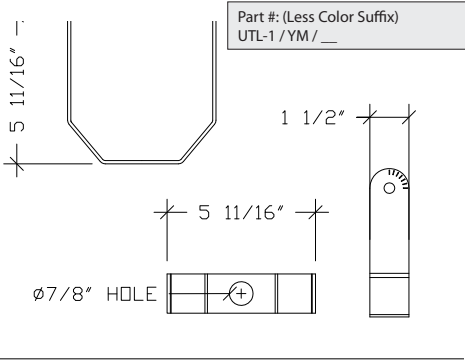
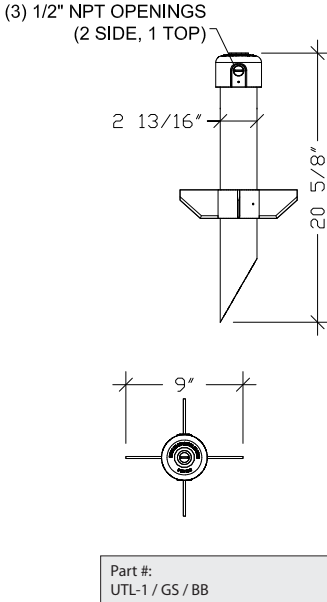
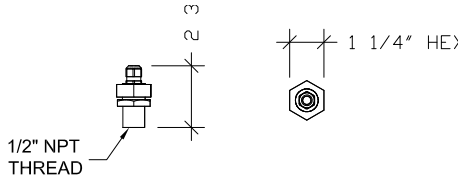
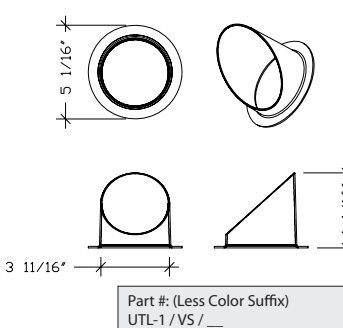
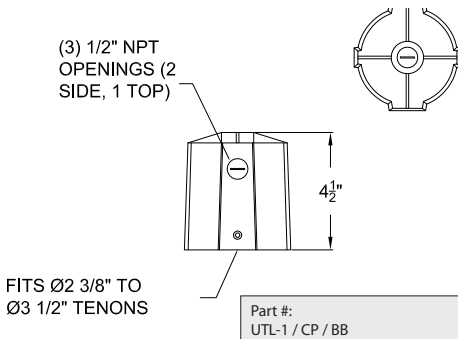
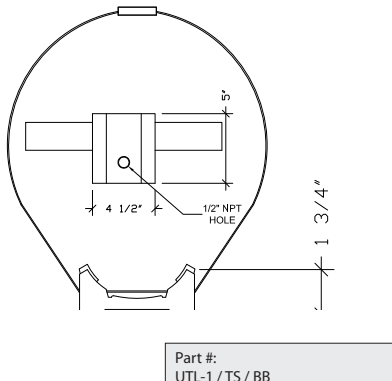
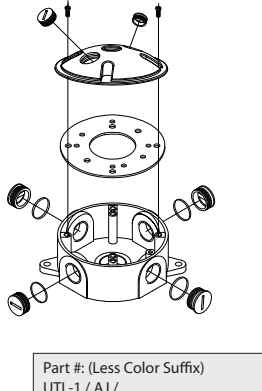
\* B= Black (standard)  
Consult factory for pricing on non-standard color options.  
\*\*Yoke Mount and NPT Adaptor come standard.

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# Mounting and Accessories

Yoke Mount: Standard	Ground Stake:	Specifications:
 <p>Part #: (Less Color Suffix) UTL-1 / YM / __</p>	 <p>(3) 1/2" NPT OPENINGS (2 SIDE, 1 TOP)</p> <p>Part #: UTL-1 / GS / BB</p>	<p><b>Yoke Mount (included):</b> Constructed of 6061 T6 Aluminum. Allows for full rotation on both axes and includes angle marks for uniform adjustments. Included with UTL-1 in color specified. May be purchased separately for replacement.</p> <p><b>NPT Adapter (included):</b> Anodized aluminum body, stainless steel nut and nickel plated brass liquid-tight cord grip. Allows for full rotation. Included with UTL in color specified.</p> <p><b>Post-top Adapter:</b> Die cast aluminum construction. Adapts floodlight to 2 3/8" - 3 1/2" tenon (pole top, pipe in ground, etc.) NPT Adapter included.</p> <p><b>Wall/Ceiling Adapter:</b> Cast aluminum construction. Mounted using three (3) 1/4" bolts (not supplied). Designed to fit over standard 4" x 4" junction box. Bottom cover is removable for wire access allowing easy maintenance and one-man installation.</p> <p><b>Ground Stake:</b> Durable polymer construction, black. Includes removable wiring compartment and four (4) anti-rotation fins.</p> <p><b>Tree Strap:</b> Extruded aluminum mounting plate w/ 1/2" NPT hub, heavy-duty strap, weather-proof buckle. Strap and buckle are black finish. NPT Adapter included.</p>
<p><b>NPT Adapter: Standard</b></p>  <p>1/2" NPT THREAD</p> <p>1 1/4" HEX</p>	<p><b>Visor:</b></p>  <p>Part #: (Less Color Suffix) UTL-1 / VS / __</p>	<p><b>Architectural (Surface Mount) Junction Box:</b> Cast aluminum construction. Designed with (1) back, (4) side and (2) top 1/2" NPT conduit entry locations. Top is secured with (2) stainless steel screws and sealed with a one-piece die cut gasket.</p> <p><b>Visor:</b> Cast aluminum alloy. Seamlessly integrated into UTL-1 fixture.</p> <p><i>*All accessories must be ordered separately</i></p>
<p><b>Post-Top Adapter:</b></p>  <p>(3) 1/2" NPT OPENINGS (2 SIDE, 1 TOP)</p> <p>4 1/2"</p> <p>FITS Ø2 3/8" TO Ø3 1/2" TENONS</p> <p>Part #: UTL-1 / CP / BB</p>	<p><b>Architectural Junction Box:</b></p>  <p>Part #: UTL-1 / TS / BB</p>	<p><b>Tree Strap:</b></p>  <p>Part #: (Less Color Suffix) UTL-1 / AJ / __</p>

To view photometric test reports and download IES files, visit [evolucialighting.com/technical-library](http://evolucialighting.com/technical-library)

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