# CATALOG NUMBER LOGIC

**Example**

| Material | | | | | | Source | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|
| Blank    | S  | SM | 42 | AR | LED | e65 | SP | A9 | VER | 12 | 11 | E  |
| B        |   |   |   |   |   |   |   |   |   |   |   |   |
| S        |   |   |   |   |   |   |   |   |   |   |   |   |
| Series   |   |   |   |   |   |   |   |   |   |   |   |   |
| SM       |   |   |   |   |   |   |   |   |   |   |   |   |
| Stem Length |   |   |   |   |   |   |   |   |   |   |   |   |
| 0', 3', 6', 12', 18', 24', 30', 42', or 48' (specify in inches) |   |   |   |   |   |   |   |   |   |   |   |   |
| Fixture  |   |   |   |   |   |   |   |   |   |   |   |   |
| AR       |   |   |   |   |   |   |   |   |   |   |   |   |
| Source   |   |   |   |   |   |   |   |   |   |   |   |   |
| LED      |   |   |   |   |   |   |   |   |   |   |   |   |
| e64      |   | e66 |   |   |   |   |   |   |   |   |   |   |
| 7WLED27k |   | 7WLED4k |   |   |   |   |   |   |   |   |   |   |
| e65      |   | e74 |   |   |   |   |   |   |   |   |   |   |
| 7WLED93k |   | 7WLEDAmber |   |   |   |   |   |   |   |   |   |   |
| Optics*  |   |   |   |   |   |   |   |   |   |   |   |   |
| NSP      |   |   |   |   |   |   |   |   |   |   |   |   |
| Narrow Spot (Red Indicator) |   |   |   |   |   |   |   |   |   |   |   |   |
| SP       |   |   |   |   |   |   |   |   |   |   |   |   |
| Spot (Green Indicator) |   |   |   |   |   |   |   |   |   |   |   |   |
| MFL      |   |   |   |   |   |   |   |   |   |   |   |   |
| Medium Flood (Yellow Indicator) |   |   |   |   |   |   |   |   |   |   |   |   |
| WFL      |   |   |   |   |   |   |   |   |   |   |   |   |
| Wide Flood (Blue Indicator) |   |   |   |   |   |   |   |   |   |   |   |   |

**Adjust-e-Lume® Output Intensity** (Choose factory setting)

| A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1 |   |   |   |   |   |   |   |   |   |   |   |   |

**Finish**

<table>
<thead>
<tr>
<th>Powder Coat Color</th>
<th>Satin</th>
<th>Wrinkle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
<td>B2P</td>
<td>BRZ</td>
</tr>
<tr>
<td>Black</td>
<td>BLP</td>
<td>BLW</td>
</tr>
<tr>
<td>White (Gloss)</td>
<td>WHP</td>
<td>WHW</td>
</tr>
<tr>
<td>Aluminum</td>
<td>SAP</td>
<td>VER</td>
</tr>
<tr>
<td>Vende</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Brass Finish</th>
<th>Premium Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machined</td>
<td>ABB Antique Brass Powder</td>
</tr>
<tr>
<td>MAC</td>
<td>AMG Americian Mountain Granite</td>
</tr>
<tr>
<td>MAC</td>
<td>AQW Antique White</td>
</tr>
<tr>
<td>MAC</td>
<td>BCH Black Chrome</td>
</tr>
<tr>
<td>Machined</td>
<td>BGE Beige</td>
</tr>
<tr>
<td>MAC</td>
<td>BPP Brown Patina Powder</td>
</tr>
<tr>
<td>Machined</td>
<td>CAP Clear Anodized Powder</td>
</tr>
<tr>
<td>MAC</td>
<td>CMG Cascade Mountain Granite</td>
</tr>
<tr>
<td>Machined</td>
<td>CGF Cracked Ice</td>
</tr>
<tr>
<td>MAC</td>
<td>CRM Cream</td>
</tr>
<tr>
<td>Machined</td>
<td>CRT Crushed Rock</td>
</tr>
<tr>
<td>Machined</td>
<td>DGS Desert Sandstone</td>
</tr>
<tr>
<td>Machined</td>
<td>RMP Rock Patina</td>
</tr>
<tr>
<td>Machined</td>
<td>OCP Old Copper</td>
</tr>
<tr>
<td>Machined</td>
<td>ROCKS Rocky Mountain Granite</td>
</tr>
<tr>
<td>Machined</td>
<td>SDS Sonoran Desert Sandstone</td>
</tr>
<tr>
<td>Machined</td>
<td>SMG Sierra Mountain Granite</td>
</tr>
<tr>
<td>Machined</td>
<td>TXF Textured Forest</td>
</tr>
<tr>
<td>Machined</td>
<td>WCP Weathered Copper</td>
</tr>
<tr>
<td>Machined</td>
<td>WRP Weathered Iron</td>
</tr>
</tbody>
</table>

**Lens Type**

| 12 - Soft Focus Lens | 13 - Rectilinear Lens |

**Shielding**

| 11 - Honeycomb Raffle |   |

**Cap Style**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Flash</td>
<td>45° less Weep Hole</td>
<td>90° less Weep Hole</td>
<td>90° with Flash Lens</td>
</tr>
</tbody>
</table>
**SURFACE DOWNLIGHT**

**PROJECT:**

<table>
<thead>
<tr>
<th>TYPE</th>
</tr>
</thead>
</table>

**SPECIFICATIONS**

**GreenSource Initiative™**

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficiency and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

**Materials**

Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

**Body**

Fully machined from solid billet. Unibody design provides enclosed, water-proof wiring and integral heat sink for maximum component life.

**Cap**

Fully machined. Accommodates 1” lens or lower media. Choose from flush lens (C), 45° cutoff (D), 1” deep bezel with 90° cutoff (E) or 1” deep cutoff with flush mounted lens (F).

**Lens**

Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hemispherical sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

**Stem**

Fully machined, 1” dia. with internal threads for maximum visual appeal. Available in configurable lengths to 48” maximum overall.

**BKSLSL™**

Integrated solid-state system with "e" technology is scalable for field upgrade. Modular design with electrical quick disconnects permits field maintenance. High power, forward throw source complies with ANSI C78.377 bimini requirements. Exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components.

Integral, constant current driver. 12V AC/DC input, 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, over-voltage, open-circuit, and short circuit protected. Inrush current limited to 250mA (non-dimmed). Conforms to Safety Std. C22.2 No. 250.13-12.

**Dimming**

Line voltage dimmable via magnetic low voltage dimmer. For use with low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with BKSLSL™ Power of "e" technology loads should be loaded to 25% of the transformer VA (watts) rated value.

**Optics**


**Adjust-e-Lume®**

Integral electronics allows dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output, Maintains output at desired level or may be changed as conditions require. Specify factory preset output intensity.

**Installation**

5” dia., machined canopy with stainless steel universal mounting ring permits mounting to 4” octagonal junction box (by others).

**Universal Ring**

**Canopy Detail**

**Remote Transformer**

For use with 12V AC/DC BKSLSL™, remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers’ transformers.

**Wiring**

XLP, TRGA.150C, 600V, nert and certified to UL 3321.

**Hardware**

Tamper-resistant, stainless steel hardware. Canopy mounting screws are additionally black oxide treated for additional corrosion resistance.

**Finish**

StarGuard®, our exclusive RoHS compliant, 15 stage chromate-free process clean and conversion coats aluminum components prior to application of Class A/TCO, polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (brushed finish for interior use only).

**Warranty**

5 year limited warranty.

**Certification and Listing**


**RoHS**

*Evidence of a registered trademark of the United States Environmental Protection Agency.*

*Evidence of a registered trademark of Outdoor Lighting Collection.*

Contact Technical Sales if you require more stringent specifications.

**Accessories**

Configure separately.

**Remote options:**

TR Series

LIP#™

---

**B-K LIGHTING**

40429 Brickyard Drive • Madera, CA 93636 • USA

559.438.5800 • FAX 559.438.5800

www.bklighting.com • info@bklighting.com

RELEASED 10-23-18

DRAWING NUMBER SUB001155
Construction

Aluminum
Less than 0.1% copper content - Marine Grade 6060 extruded & LW6 Aluminum High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

Pre Paint
8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

Memory Retentive Silicon Gasket
Provided with special injection molded “fit for purpose” long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

Thermal Management
LW6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal sink design by Ligman used in conjunction with the driver, controls thermal below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

Surge Suppression
Standard 10uf surge suppressor provided with all fixtures.

BUG Setting
Contact Factory

Finishing
All Ligman products go through an extensive finishing process that includes seething to improve paint adherence.

Paint
UV Stabilized 4.9Ml thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

Hardware
Provided Hardware is Marine grade 316 Stainless steel.

Anti-Seize Screw Holes
Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

Crystal Clear Low Iron Glass Lens
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

Optics & LED
Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 90

Lumen - Maintenance Life
L80/B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

Clean, beautiful, surface wall fixtures with class leading performance. Minimalist form, yet the most powerful and flexible lighting tool of its type, offering packages up to 4000 lumens and microVos technology.

A range of small, square and rectangular, ADA compliant wall mounted luminaires with options of upward or downward light distributions. Ideally suited to illuminate the walls and surfaces in front of wall and for light accents on vertical surfaces using high efficiency LED’s. The Leeds is suitable for indoor and outdoor applications and provides a clean, visually appealing solution for small, unobtrusive wall mounted luminaires.

This luminaire is available in 3 different sizes and combinations of down, up or up/down light distributions.

This fixture utilizes microVos technology, meaning the ability to do Type I, II, III, IV & V distributions as well as hybrid distributions to suit the designer’s requirements.

Using the microVos optics allows for very wide spacing to mounting height ratios, while still providing perfect uniformity and code compliant light levels.

The Leeds has been IDA Dark Sky certified for cct’s of 3000K or lower.

Additional Options (Consult Factory For Pricing)

Luminaire Type AO1

LED Technology provides the ability to intertache, mix & rotate optics to provide specific light distributions for optimized spacing and uniformity.

A variable optic system allows for the designer to create grid distributions for precise lighting requirements.
**ULEE-30021**
Leeds 6 Large Surface Downlight

**PROJECT**

**QUANTITY**

**TYPE**

**NOTE**

**DATE**

**ORDERING EXAMPLE || ULEE - 30021 - 20w - T2 - W30 - 02 - 120/277v - Options**

<table>
<thead>
<tr>
<th>LAMP</th>
<th>BEAM</th>
<th>LED COLOR</th>
<th>FINISH COLOR</th>
<th>VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>20w LED</td>
<td>T1 - Type I Distribution</td>
<td>W27 - 2700K</td>
<td>01 - BLACK RAL 9001</td>
<td>120/277v</td>
</tr>
<tr>
<td>2422 Lumens</td>
<td>T2 - Type II Distribution</td>
<td>W30 - 3000K</td>
<td>02 - DARK GREY RAL 7043</td>
<td>Other - Specify</td>
</tr>
<tr>
<td></td>
<td>T3 - Type III Distribution</td>
<td>W35 - 3500K</td>
<td>03 - WHITE RAL 9003</td>
<td></td>
</tr>
<tr>
<td></td>
<td>T4 - Type IV Distribution</td>
<td>W40 - 4000K</td>
<td>04 - METALLIC SILVER RAL 9006</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M - Medium 30'</td>
<td></td>
<td>05 - MATTE SILVER RAL 9006</td>
<td></td>
</tr>
<tr>
<td></td>
<td>W - Wide 56'</td>
<td></td>
<td>06 - LICMAN BRONZE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EW - Extra Wide 109’x102’</td>
<td></td>
<td>07 - CUSTOM RAL</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS**

- JAT - Natatorium Rated
- CE - Surface Conduit Decorative Trim
  - Frosted Lens
- AMB - Turtle Friendly Amber LED
- 4MP - 4" Mounting Plate

**Leeds Product Family**

![ULEE-300021](image)

---

744 NE Progress Court
4illsboro, Oregon 97124
T 503.645.0500 | F 503.645.800
**Construction**

**Aluminum**
Less than 0.1% copper content - Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

**Pre paint**
8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

**Memory Retentive - Silicon Gasket**
Provided with special injection molded "fit for purpose" long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

**Thermal management**
LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

**Surge Suppression**
Standard 10kV surge suppressor provided with all fixtures.

**BUG Rating**
B3 - UO - GO

**Finishing**
All Ligman products go through an extensive finishing process that includes settling to improve paint adherence.

**Paint**
UV Stabilized 4.9MIL thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

**Hardware**
Provided Hardware is Marine grade 316 Stainless steel.

**Anti Seize Screw Holes**
Tapped holes are Infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

**Crystal Clear Low Iron Glass Lens**
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

**Optics & LED**
Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 80

**Lumen - Maintenance Life**
L80 / L90 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

Flexible column-mounted floodlighting and area luminaires. Sleek, angular, technical and powerful professional lighting solutions.

A slim wedge shaped pole mount area light with a variety of different distributions to suit all lighting designer's requirements. This luminaire has been designed to provide excellent light distribution patterns using a low wattage LED package. The result is excellent spacing to mounting height ratios, with a uniform lighting layout that meets code requirements using less energy.

The Vekter can be utilized to suit specific light patterns using the asymmetrical type II, III, IV and symmetrical lens optics, as well as variations of these for precise light distribution requirements. An example of this is using a combination of Type II & Type IV distribution optics inside the same fixture. Type V distributions in medium, wide, very wide & extra wide are also available.

These fixtures are adjustable, and can also be aimed as floodlights to provide focus lighting in specific areas, as well as facade lighting. This luminaire is suitable for most applications and complies to dark sky requirements when mounted in the horizontal position. Designed for lighting private roadways, car parks, exhibition areas, service stations and truck stops. Internal house side shields are available as an option.

Available with a selection of integral electronic and dimmable electronic drivers as well as a provision to install wireless lighting controls to integrate with building management systems. (WATT-ADJ) This luminaire is provided with a programmable driver so that specific wattage requirements can be achieved. These settings are done at the factory during assembly.

---

**Luminaire Type**

**BA1-BA2**
**ORDERING EXAMPLE** || UVK - 90001 - 37w - T2 - W30 - 02 - 120/277v - Options

<table>
<thead>
<tr>
<th>UVK-90001</th>
<th>LAMP</th>
<th>BEAM</th>
<th>LED COLOR</th>
<th>FINISH COLOR</th>
<th>VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>37w LED</td>
<td>5073 Lumens</td>
<td>T2 - Type II Distribution</td>
<td>W27 - 2700K</td>
<td>01 - BLACK RAL 9011</td>
<td>120/277v</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T3 - Type III Distribution</td>
<td>W30 - 3000K</td>
<td>02 - DARK GREY RAL 7043</td>
<td>Other - Specify</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T4 - Type IV Distribution</td>
<td>W35 - 3500K</td>
<td>03 - WHITE RAL 9003</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M - Medium 32&quot;</td>
<td>W40 - 4000K</td>
<td>04 - METALLIC SILVER RAL 9006</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>W - Wide 52&quot;</td>
<td></td>
<td>05 - MATTE SILVER RAL 9006</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>VW - Very Wide 67&quot;</td>
<td></td>
<td>06 - LIGMAN BRONZE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>EW - Extra Wide 117&quot;</td>
<td></td>
<td>07 - CUSTOM RAL</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS**

- IIM - 0-10v Dimming
- IAT - Natatorium Rated
- VLC - Wireless Lighting Controls
- IMB - Turtle Friendly Amber LED
- HSS - House Side Shield
- F - Frosted Lens
- OS - Occupancy Sensor
Rectangular, adjustable area-lighting column fixture family. Timeless angular form factor with a multitude of output choices to suit all area applications.

A slim pole mount area light with a variety of different distributions to suit all lighting designer's requirements. The Mustang can be utilized to suit specific light patterns using the asymmetrical type II, III, IV and symmetrical lens optics, as well as variations of these for precise light distribution requirements. An example of this is using a combination of Type II & Type IV distribution optics inside the same fixture.

This luminaire is suitable for most applications and complies to dark sky requirements. Designed for lighting private roadways, car parks, exhibition areas, service stations and truck stops. Internal house side shields are available as an option. This luminaire is provided prewired with power cord to the handhole to simplify installation.

Available with a selection of integral electronic drivers and dimming electronic drivers as well as a provision to install wireless lighting controls to integrate with building management systems, as well as integrated occupancy sensors [contact the factory for more information. Easy access to the luminaire for maintenance.

Luminaire Type
BB1-BB2

**Construction**

**Aluminum**
Less than 0.1% copper content – Marine Grade 6060 extruded & LMG Aluminum High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

**Pre paint**
8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

**Memory Retentive Silicon Gasket**
Provided with special injection molded “fit for purpose” long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

**Thermal management**
LMG Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermal below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

**Surge Suppression**
Standard 10kV surge suppressor provided with all fixtures.

**BUG Rating**
B3 - UG - G0

**Finishing**
All Ligman products go through an extensive finishing process that includes baking to improve paint adherence.

**Paint**
UV Stabilized 4.9MIL thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

**Hardware**
Provided Hardware is Marine grade 316 Stainless Steel.

**Anti Seize Screw Holes**
Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

**Crystal Clear Low Iron Glass Lens**
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

**Optics & LED**
Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 80

**Lumen - Maintenance Life**
L60 / B10: at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)
Mustang 40 Single Head Streetlight

**ORDERING EXAMPLE** || UMS - 90281 - 38w - T2 - W30 - 02 - 120/277v - Options

<table>
<thead>
<tr>
<th>LAMP</th>
<th>BEAM</th>
<th>LED COLOR</th>
<th>FINISH COLOR</th>
<th>VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>38w LED</td>
<td>4872 Lumens</td>
<td>T1 - Type I Distribution</td>
<td>W27 - 2700K</td>
<td>120/277v</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T2 - Type II Distribution</td>
<td>W50 - 3000K</td>
<td>Other - Specify</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T3 - Type III Distribution</td>
<td>W35 - 3500K</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>T4 - Type IV Distribution</td>
<td>W40 - 4000K</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M - Medium 30'</td>
<td>01 - BLACK RAL 9011</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>W - Wide 52'</td>
<td>02 - DARK GREY RAL 7043</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>VW - Very Wide 64'</td>
<td>03 - WHITE RAL 9003</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>EW - Extra Wide 108'</td>
<td>04 - METALLIC SILVER RAL 9006</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>05 - MATTE SILVER RAL 9006</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>06 - LIGMAN BRONZE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>07 - CUSTOM RAL</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL OPTIONS**

- HLM - 0-10v Dimming
- HAT - Natatorium Rated
- HSS - House Side Shield
- AMB - Turtle Friendly Amber LED
- OSS - Occupancy Sensor

**Mustang Product Family**

![Mustang Product Family Diagram](image-url)
Example: P1SBK

<table>
<thead>
<tr>
<th>Series</th>
<th>Input Voltage</th>
<th>Lens</th>
<th>Finish†</th>
<th>Factory Option</th>
<th>Footnotes</th>
</tr>
</thead>
<tbody>
<tr>
<td>P - PathMaster</td>
<td>1 - 120 V AC/DC</td>
<td>S - Satin</td>
<td></td>
<td>DIM - Line Voltage Dimmable†</td>
<td>1 Custom colors are available. RAL# must be provided.</td>
</tr>
<tr>
<td>PH - PathMaster Horizontal Mount</td>
<td>2 - 277 V AC</td>
<td></td>
<td>AMB - Amber LEDs</td>
<td>BLU - Blue LEDs</td>
<td>† Line voltage dimmable driver available only with 120 VAC (P2, PH2) models.</td>
</tr>
</tbody>
</table>

**codes and standards**
- ETL Listed (US/Canada)
- UL wet location listed standard
- NFPA 101, NEC, IBC, BOCA, and OSHA illumination standard
- Meets ADA specifications for wall mounted lighting fixtures

**construction**
- The PathMaster Series is constructed from premium die cast aluminum components and is painted in a durable powder coat finish.
- Numerous standard finishes are available with optional finishes available for custom projects.
- PathMaster is assembled as a one-piece device that includes the LED light engine, integral power supply, three level intensity control or line voltage dimmable driver (120 VAC models only).
- All LED and electrical components are protected by both a polycarbonate lens and high impact power supply case that will be located within the junction box.
- A neoprene gasket is provided standard for exterior applications.

**installation**
- The PathMaster Series is designed for direct mounting to a single gang junction box.
- The PathMaster is fastened to the single-gang junction box via two oval head 6x32x1/2" machine screws (supplied with product); junction boxes are not supplied with the product.
- When installing PathMaster in an outdoor damp or wet location, a single gang "FS" style junction box will be required by most local electrical codes.
- Not for use in marine environments.

**electronics**
- PathMaster is designed with solid state components and is rated for 10 years of continuous "normally on" use.
- Electrical connection is made via two flying leads.
- Standard product incorporates dip switches on rear of product allowing three levels of intensity. An optional line voltage dimmable driver is available on 120 VAC models. (see factory options)
- The line voltage dimmable driver requires a reverse-phase ELV dimming system.
- Power Consumption
  - Current at dip switch setting (low, medium, high)
  - 12 VDC: 0.140 A, 0.330 A, 0.430 A
  - 12 VAC: 0.220 A, 0.465 A, 0.585 A
  - 120 VAC: 0.035 A, 0.065 A, 0.085 A
  - 120 VAC line voltage dimmable: 60 Hz, 0.072 A
- Standard Wet Location:
  Operating temperature range -31°F (-35°C) to 104°F (40°C).

**lamps**
- The PathMaster LED engine utilizes three high performance white LEDs combined with a solid-state integral driver circuit.
- PathMaster performs best when mounted 18° AFF. By utilizing multiple luminaires mounted on 10° centers, PathMaster will meet NFPA required 1 foot-candle average illumination standard.
- PathMaster incorporates a user selectable, three level intensity control or an optional line voltage dimmable driver (120 VAC models only).
- The PathMaster Series with white LEDs operates at 3500K nominal with a minimum CRI of 80. The amber LEDs operate at a nominal wavelength of 600nm.

**Warranty**
- Five-year full electronics warranty.
### PathMaster LED die-cast step light

#### Dimensions

**PathMaster Series**
- 2.75" (6.99 cm)
- 1.5" (3.8 cm)
- 4.5" (11.4 cm)

**Horizontal PathMaster Series**
- 2.75" (6.99 cm)
- 4.5" (11.4 cm)
- 0.91" (2.31 cm)
- 0.78" (1.98 cm)

#### Performance

Meets Life Safety Code illumination standard; average of 1.0 FC, no point less than 0.1 FC, max to min ratio of 40:1. Assumes open space with no obstructions, mounting height: 18° and reflectances: 80/80/70. Analysis based on independently tested photometrics.

Wall Mounted 18° AFF
High Setting

#### Lumen Output

The following data represents absolute lumen output in accordance with test method IESNA LM-79–08.

<table>
<thead>
<tr>
<th>Vertical, Lumens</th>
<th>Low</th>
<th>Med</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 VAC/VDC</td>
<td>57.1</td>
<td>123.5</td>
<td>156.0</td>
</tr>
<tr>
<td>120 VAC</td>
<td>65.5</td>
<td>123.8</td>
<td>156.0</td>
</tr>
<tr>
<td>120 VAC DIM</td>
<td>162.6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Horizontal, Lumens</th>
<th>Low</th>
<th>Med</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 VAC/VDC</td>
<td>54.2</td>
<td>113.1</td>
<td>148.8</td>
</tr>
<tr>
<td>120 VAC</td>
<td>62.9</td>
<td>119.3</td>
<td>148.7</td>
</tr>
<tr>
<td>120 VAC DIM</td>
<td>128.7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Test No.: ITL68144**
Average initial footcandles = 3.11
Maximum initial footcandles = 10.1
Minimum initial footcandles = 0.4
Maximum to minimum ratio = 25.26

**Test No.: ITL68144**
10° Fixture Spacing
Average initial footcandles = 2.39
Maximum initial footcandles = 10.5
Minimum initial footcandles = 0.3
Maximum to minimum ratio = 35.00

---

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.
DENALI™ RECESSED UPLIGHT

CATALOG NUMBER LOGIC

Example

Material
Blank - Aluminum
B - Brass
S - Stainless Steel
Series
UL - Recessed Uplight
Installation
F - Flush mount
S - Surface mount
Fixture
DE - Denali Series™
Source
LED - 'X' Module with Cold Phosphor Technology

LED Type
x58 - 12WLE/2,7K
x59 - 12WLE/3K
x60 - 12WLE/4K
x61 - 20WLE/2,7K
x62 - 20WLE/3K
x63 - 20WLE/4K
x64 - 27WLE/2,7K
x65 - 27WLE/3K
x66 - 27WLE/4K

Optics
SP - Spot (13°)
FL - Flood (35°)
WFL - Wide Flood (60°)

Finish
Aluminum Finish
Brass Finish

Powder Coating Color | Satin | Winkle | Machine | MAC | Premium Finish
--- | --- | --- | --- | --- | ---
Bronze | BZP | BZW | Polished | POL | ABP Antique Brass Powder
Black | DLP | DLW | Polished | POL | AMG Aged Mountain Granite
White (Gloss) | WHP | WHW | Machine | MAC | AQW Antique White
Aluminum | SAP | — | — | — | BCI Black Chrome
Verde | VER | — | Brushed | BRU | BFP Brown Patina Powder

Lens
9 - Clear (Standard)
10 - Spread Lens*
12 - Soft Focus Lens*
13 - Rectilinear Lens*

Shielding
11 - Honeycomb Baffle*

*Accommodates only 2 Lens/Shielding modules

Configure Driver Housing Separately
Driver Housing Required
REMOTE DRIVER HOUSINGS:
HP2RM - HP2 Remote Housing
PM2R - Universal Power Module 2 Remote
PM2DRM - Universal Power Module 2 Dual Remote
RM - Remote Wall Mount
DRM - Dual Remote Wall Mount

B-K LIGHTING
40429 Brickyard Drive • Madera, CA 93636 • USA
550-438-5800 • FAX 550-438-5900
www.bklighting.com • info@bklighting.com
RELEASED: 11-20-17
DRAWING NUMBER: SUB-2323-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSESSON DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY PROHIBITED.
**SPECIFICATIONS**

**GreenSource Initiative**
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

**Materials**
Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

**Body**
Fully machined from solid billet. Body design provides enclosed, water-proof wireway and integral heat sink for maximum component life. Provided with hardcoat (Type III) black anodize finish for maximum corrosion resistance. Weather-tight cable connector with 5/16" (8mm) or 2 wire low voltage cable, high temperature silicone “O” ring provides water-tight seal.

**Housing**
Fixture provided with 4 1/2" dia. Schedule 80 PVC housing for direct burial into soil or concrete. 7 1/2" dia. molded stability flange projects into substrate to simplify installation and reinforce housing stability.

**Faceplate**

**Lens**
Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify [KI10] spread lens, soft focus [KI12] or rectilinear (KI13) lens.

**BKSUL**
Integrated solid state system with X technology is scalable for field upgrade. Modular design with electrical quick disconnects permits field maintenance.

**LM-80 certified**
Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSUL technology provides long life, significant energy reduction and exceptional thermal management.

**Color Management**
Corrected color phosphor technology delivers near-perfect natural white light. Long term phosphor maintenance over product life. Exact color point conformity exceeds ANSI C78.377 standard. Provides uniform beam with no color variation over angle. Module exceeds 80 CRI (Ra>80, R9>16).

**Installation**
Flush Mount features integral concrete pour collar. Top edge of collar to be installed flush with finished grade. Collar material and finish to match faceplate. (2) Threaded holes for faceplate installation. Faceplate is suitable for walk-over and drive-over applications to 35,000 lbs. GW.

**Surface Mount**
Features fully machined copper-free aluminum installation collar. Collar material and finish to match faceplate. (2) Threaded holes for faceplate installation.

**Faceplate Installation**
For use with remote LED driver. See remote driver submittal to determine remote distance and wiring requirements prior to detailed field installation of any remote wiring.

**Drivers**
Interchangeable OPTIKIT modules permit field changes to optical distribution.

**Wiring**
Teflon® coated, 18AWG, 600V, 250ºC rated and certified to UL 1659 standard. Anti-Siphon Valve (ASV) prevents “wicking” through conductor insulation.

**Hardware**
Tamper-resistant, stainless steel hardware. Faceplate screws are additionally black oxide treated for additional corrosion resistance.

**Finish**
StarGuard®, our exclusive Rohs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class “A” TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

**Warranty**
5 year limited warranty.

**Certification and Listing**

---

*Energy Star is a registered trademark of the United States Environmental Protection Agency.
## LAMP DATA

### LM79 DATA

<table>
<thead>
<tr>
<th>BK No.</th>
<th>CCT (Typ.)</th>
<th>CRI (Typ.)</th>
<th>Input Watts (Typ.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x58</td>
<td>2700K</td>
<td>80</td>
<td>12W</td>
</tr>
<tr>
<td>x59</td>
<td>3000K</td>
<td>80</td>
<td>12W</td>
</tr>
<tr>
<td>x60</td>
<td>4000K</td>
<td>80</td>
<td>12W</td>
</tr>
<tr>
<td>x61</td>
<td>2700K</td>
<td>80</td>
<td>20W</td>
</tr>
<tr>
<td>x62</td>
<td>3000K</td>
<td>80</td>
<td>20W</td>
</tr>
<tr>
<td>x63</td>
<td>4000K</td>
<td>80</td>
<td>20W</td>
</tr>
<tr>
<td>x64</td>
<td>2700K</td>
<td>80</td>
<td>27W</td>
</tr>
<tr>
<td>x65</td>
<td>3000K</td>
<td>80</td>
<td>27W</td>
</tr>
<tr>
<td></td>
<td>4000K</td>
<td>80</td>
<td>27W</td>
</tr>
</tbody>
</table>

### L70 DATA

<table>
<thead>
<tr>
<th>Minimum Rated Life (hrs.)</th>
<th>70% of initial lumens (L70)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
<tr>
<td>50,000</td>
<td>50,000</td>
</tr>
</tbody>
</table>

### OPTICAL DATA

<table>
<thead>
<tr>
<th>Angle</th>
<th>CBCP</th>
<th>Delivered Lumens</th>
</tr>
</thead>
<tbody>
<tr>
<td>15°</td>
<td>3877</td>
<td>724</td>
</tr>
<tr>
<td>35°</td>
<td>1498</td>
<td>603</td>
</tr>
<tr>
<td>60°</td>
<td>629</td>
<td>625</td>
</tr>
<tr>
<td>15°</td>
<td>4059</td>
<td>738</td>
</tr>
<tr>
<td>35°</td>
<td>1668</td>
<td>694</td>
</tr>
<tr>
<td>60°</td>
<td>659</td>
<td>653</td>
</tr>
<tr>
<td>15°</td>
<td>4561</td>
<td>851</td>
</tr>
<tr>
<td>35°</td>
<td>1762</td>
<td>780</td>
</tr>
<tr>
<td>60°</td>
<td>740</td>
<td>736</td>
</tr>
<tr>
<td>15°</td>
<td>7098</td>
<td>1306</td>
</tr>
<tr>
<td>35°</td>
<td>2621</td>
<td>1112</td>
</tr>
<tr>
<td>60°</td>
<td>1048</td>
<td>1063</td>
</tr>
<tr>
<td>15°</td>
<td>7488</td>
<td>1378</td>
</tr>
<tr>
<td>35°</td>
<td>2765</td>
<td>1186</td>
</tr>
<tr>
<td>60°</td>
<td>1106</td>
<td>1121</td>
</tr>
<tr>
<td>15°</td>
<td>7800</td>
<td>1435</td>
</tr>
<tr>
<td>35°</td>
<td>2880</td>
<td>1235</td>
</tr>
<tr>
<td>60°</td>
<td>1152</td>
<td>1158</td>
</tr>
<tr>
<td>15°</td>
<td>15579</td>
<td>1769</td>
</tr>
<tr>
<td>35°</td>
<td>4656</td>
<td>1588</td>
</tr>
<tr>
<td>60°</td>
<td>1517</td>
<td>1386</td>
</tr>
<tr>
<td>15°</td>
<td>16190</td>
<td>1827</td>
</tr>
<tr>
<td>35°</td>
<td>4808</td>
<td>1649</td>
</tr>
<tr>
<td>60°</td>
<td>1567</td>
<td>1431</td>
</tr>
<tr>
<td>15°</td>
<td>17042</td>
<td>1923</td>
</tr>
<tr>
<td>35°</td>
<td>5051</td>
<td>1726</td>
</tr>
<tr>
<td>60°</td>
<td>1649</td>
<td>1506</td>
</tr>
</tbody>
</table>

## FOR USE WITH

- **DE**: Denali Series™ Floodlight
- **SM-DE**: Denali Series™ Surface Downlight
- **TF-DE**: Denali Series™ Twin Staff Star™
- **SF-DE**: Denali Series™ Staff Star™
- **UL-DE**: Denali Series™ Recessed Uplight
- **SN-DE**: Denali Series™ Sign Star™
- **ST-DE**: Denali Series™ Twin Sign Star™

## OPTICS

<table>
<thead>
<tr>
<th>Optic</th>
<th>Angle</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spot</td>
<td>15°</td>
<td></td>
</tr>
<tr>
<td>Flood</td>
<td>35°</td>
<td></td>
</tr>
<tr>
<td>Wide Flood</td>
<td>60°</td>
<td></td>
</tr>
</tbody>
</table>
NEMA 3R Remote Driver Housing

CATALOG NUMBER LOGIC

Example

Remote Driver Housing

RM - NEMA 3R Remote Driver Housing
(Specify Finish Separately)

D12INC - 12W Dimming Driver
D20INC - 20W Dimming Driver
D27INC - 27W Dimming Driver

Finish

Standard Finish

Powder Coat Color Satin Wrinkle
Bronze BZP BZW
Black BLP BLW
White (Glass) WHP WWH
Aluminum SAP —
Verde — VER

Premium Finish

ABP Antique Brass Powder CMG Cascade Mountain Granite
AMG Alutint Mountains Granite Oil Cracked Ice
AGW Antique White CRM Cream
BCM Black Chrome HUG Hunter Green
BGE Beige MDS Mojave Desert Sandstone
BPP Brown Patina Powder NBP Natural Brass Powder
CAP Clear Anodized Powder OCP Old Copper

Input Voltage

MT - 120-277VAC Input

REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.

DRIVER ELECTRICAL DATA

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AC INPUT RANGE</th>
<th>FREQUENCY Hz</th>
<th>DIMMING</th>
<th>POWER FACTOR AT FULL LOAD</th>
<th>THD</th>
<th>OPERATING AMBIENT TEMPERATURE</th>
<th>DIMMER TYPE</th>
<th>DIMMER RANGE</th>
<th>IN RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D20INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>&lt;5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;200mA</td>
</tr>
<tr>
<td>D27INC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.80</td>
<td>&lt;20%</td>
<td>-30°C to 70°C (-22°F to 138°F)</td>
<td>0-10, Incandescent/ELV (120 only)</td>
<td>10-100%</td>
<td>6A</td>
</tr>
</tbody>
</table>

B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93638 • USA
055-438-5900 • FAX 650-438-5800
www.bklighting.com • info@bklighting.com

RELEASED 03-27-19 DRAWING NUMBER SUB-2590-00

This document contains proprietary information of B-K Lighting, Inc. and its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may disclose. Reproduction, disclosure or use without specific written authorization of B-K Lighting, Inc. is strictly forbidden.
NEMA 3R Remote Driver Housing

SIDE VIEW

BACK VIEW

END VIEW

SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebates. Consult www.blklighting.com/greensource for program requirements.

Installation
Nema 3R, surface mount design. For use with remote fixture (specified separately).

Housing

Wiring / Connectors
Teflon® coated wire, 18 gauge, 600V, 230°C rated and certified to UL1659 standard. Pre-wired and labeled terminal strip.

Driver (12-27V)
For use with 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz ≥0.9 Power Factor, ≤0.25A Input current, ≤20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC/CE/CSA Part 15 Class B compliant. Dimmable driver for use with standard incandescent dimmers. 10-100% range.

Finish
StarGuard®, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating.

Warranty
5 year limited warranty.

Listings
NEMA 3R Enclosure. UL Listed. Certified to CAN/CSA/ ANSI Standards. RoHS compliant. Made in USA.

RoHS®
Teflon is a registered trademark of DuPont Corporation.

B-K LIGHTING
40420 Brickyard Drive • Medora, CA 93636 • USA
559-438-5900 • FAX 559-438-5890
www.blklighting.com • info@blklighting.com

RELEASED
03-27-19

DRAWING NUMBER
SUB-2590-00
**NEMA 3R Dual Remote Driver Housing**

**PROJECT:**

**TYPE:**

**CATALOG NUMBER:**

**LAMP(S):**

**NOTES:**

---

**CATALOG NUMBER LOGIC**

<table>
<thead>
<tr>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote Driver Housing DRM</td>
</tr>
<tr>
<td>Driver Type</td>
</tr>
<tr>
<td>For use with Incandescent Dimmer, 120V only for Dimming:</td>
</tr>
<tr>
<td>D12INC</td>
</tr>
<tr>
<td>D20INC</td>
</tr>
<tr>
<td>D27INC</td>
</tr>
</tbody>
</table>

**REMOTE WIRING**

**LED Driver**

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.

---

**Standard Finish**

<table>
<thead>
<tr>
<th>Powder Coat Color</th>
<th>Satin Wrinkle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
<td>BZP</td>
</tr>
<tr>
<td>Black</td>
<td>BLP</td>
</tr>
<tr>
<td>White (Glass)</td>
<td>WHP</td>
</tr>
<tr>
<td>Aluminum</td>
<td>SAP</td>
</tr>
<tr>
<td>Verde</td>
<td>—</td>
</tr>
</tbody>
</table>

**Premium Finish**

| ACP | Antique Brass Powder | CMO | Cascade Mountain Granite | RMM | Rocky Mountain Granite |
| AWM | Aleutian White Granite | CRI | Crooked Ice | SDS | Sonoran Desert Sandstone |
| AQW | Antique White | CRM | Cream | SMG | Sierra Mountain Granite |
| BCM | Black Chrome | HUG | Hunter Green | TXF | Tuxedo Forest |
| BGE | Beige | MOD | Mojave Desert Sandstone | WCP | Weathered Copper |
| BPP | Brown Patina Powder | NBP | Natural Brass Powder | WIR | Weathered Iron |
| CAP | Clear Anodized Powder | OCP | Old Copper | Also available in RAL Finishes at additional cost See submittal SUB-1439-00 |

**Input Voltage**

**MT - 120-277 VAC Input**

---

**DRIVER ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AC INPUT RANGE</th>
<th>FREQUENCY HZ</th>
<th>DIMMING</th>
<th>POWER FACTOR AT FULL LOAD</th>
<th>THD</th>
<th>OPERATING AMBIENT TEMPERATURE</th>
<th>DIMMERTYPE</th>
<th>DIMMER RANGE</th>
<th>IN RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&gt;250mA</td>
</tr>
<tr>
<td>D20INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&gt;250mA</td>
</tr>
<tr>
<td>D27INC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.90</td>
<td>&lt;20%</td>
<td>-30°C to 70°C (-22°F to 158°F)</td>
<td>0-10%, Incandescent/ELV (120 only)</td>
<td>10-100%</td>
<td>6A</td>
</tr>
</tbody>
</table>

---

**B-K LIGHTING**

40429 Brickyard Drive • Madera, CA 93636 • USA
659.436.5900 • FAX 659.436.5900
www.bklighting.com • info@bklighting.com

**RELEASED** 03-27-19
**DRAWING NUMBER** SUB-2593-00

*This document contains proprietary information of B-K Lighting, Inc. and its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may disclose. Reproduction, disclosure or use without specific written authorization of B-K Lighting, Inc. is strictly forbidden.*
NEMA 3R Dual Remote Driver Housing

Constant Current Driver

SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebates. Consult www.bklighting.com/greensource for program requirements.

Installation
Nema 3R, surface mount design. For use with remote fixtures (specified separately).

Wiring / Connectors
Teflon® coated wire. 18 gauge, 600V, 250°C rated and certified to UL1639 standard. Pre-wired and labeled terminal strip.

Driver (12-27W)
For use with [2] 700mA (D12, D20, D27), Class A, constant current, drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, 6A in-rush current. 0.15A Input current, <2% THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC/CE/CR Part 15 Class B compliant. Dimming driver for use with standard incandescent dimmers. Refer to owner's manual for dimming range.

Finish
StarGuard®, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class ’A’ TGIC polyester powder coating.

Warranty
5 year limited warranty.

Listings
NEMA 3R Enclosure. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Made in USA.

Teflon® is a registered trademark of DuPont Corporation.
**CATALOG NUMBER LOGIC**

**Example**
- B - HP2RM - D12INC - BZW - MT - GM-R

**Material**
- Blank - Aluminum  
- B - Brass  
- S - Stainless Steel

**Remote Driver Housing**
- HP2RM - Remote In-Grade (Flush) Driver Housing

**Driver Type (Driver Wattage must match Fixture Wattage)**
- For use with Incandescent Dimmer, 120V only for Dimming:
  - D12INC - 12W Dimming Driver (for use with Incandescent Dimmer, 120V only)
  - D20INC - 20W Dimming Driver (for use with Incandescent Dimmer, 120V only)
  - D27INC - 27W Dimming Driver (for use with Incandescent Dimmer, 120V only)

**Finish**

<table>
<thead>
<tr>
<th>Powder Coat Color</th>
<th>Satin</th>
<th>Wrinkle</th>
<th>Machined</th>
<th>MAC</th>
<th>BZP</th>
<th>BZW</th>
<th>BLP</th>
<th>BLW</th>
<th>BHP</th>
<th>WHW</th>
<th>SAP</th>
<th>VER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
<td></td>
<td></td>
<td>Polished</td>
<td>POL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td></td>
<td></td>
<td>Metic™</td>
<td>MTE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White (Gloss)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Verde</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Brass Faceplates**

| Premium Finish | ABB | Antique Brass Powder |
|               | CMG | Cascade Mountain Granite |
|               | AMG | Alesian Mountain Granite |
|               | AOW | Antique White |
|               | BCM | Black Chrome |
|               | BGE | Beige |
|               | BPP | Brown Patina Powder |
|               | CAP | Clear Anodized Powder |
|               | CMG | Cascade Mountain Granite |
|               | Chm | Cream |
|               | HUG | Hunter Green |
|               | MDS | Mojave Desert Sandstone |
|               | NPB | Natural Brass Powder |
|               | OCP | Old Copper |

**Input Voltage**
- MT - 120-277 VAC Input

**Option**
- GM-R - Round Grount Mask  
- GM-S - Square Grount Mask

**REMOTE WIRING**

**LED Driver**
Remote driver installations require inter-connected wiring between the LED and driver (by Others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:
- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.

**DRIVER ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AC INPUT RANGE</th>
<th>FREQUENCY</th>
<th>DIMMING</th>
<th>POWER FACTOR AT FULL LOAD</th>
<th>THD</th>
<th>OPERATING AMBIENT TEMPERATURE</th>
<th>DIMMER TYPE</th>
<th>DIMMER RANGE</th>
<th>IN RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D20INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D27INC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.90</td>
<td>&lt;20%</td>
<td>-30°C to 70°C (-22°F to 158°F)</td>
<td>0-10% Incandescent (ELV only)</td>
<td>10-100%</td>
<td>6A</td>
</tr>
</tbody>
</table>
SPECIFICATIONS

GreenSource Initiative™
Ideal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on-site. Removable to manufacture at end of life to ensure cradle-to-cradle recycling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebates. Consult www.bklighting.com/greensource for program requirements.

Materials
- Reinforced Copper-Free Aluminum (Type: 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

Faceplate
- Solid, 1/2" machined faceplate with (2) black anode, captive, stainless steel mounting screws. Faceplate installs flush to grade.

Housing
- Corrosion-free composite, made from high strength, thermo-formed, sheet molded polyester compound. Glass reinforced, flame retardant and UV stabilized. (2) Bottom Gasket, 3/4" NPT female conduit enters with knockout plugs and (4) side flaps for 1/2" or 3/4" conduit adapters.

Stability Flange
- Patented, corrosion-free composite flange projects into installation sub-trate to reinforce housing stability. Integral I-beam saddle simplify installation onto concrete fums. (4) Orthogonal bosses permit use of 1/2" PVC conduit or EMT to simplify vertical position and leveling of housing. Pre-set self-tapping screws anchor housing at proper elevation.

Installation
- Integral copper-free aluminum concrete pour collar (CPC), furnished in Black finish, permits direct burial installation in soil or concrete. Consult Drainage Installation Guide for In-Grade fixtures (SGF) for compliance with proper soil preparation and drainage requirements prior to installation. For use with remote fixture (specified separately). Suitable for walk-over and drive-over applications to 3,000 lbs.

Water Management
- IP-68 rated, vacuum sealed enclosure, Patented Anti-Condensation Valve (ACV™) eliminates condensation from driver chamber. High temperature silicone 'O' ring at faceplate. Patented HydroLock® technology provides fail-safe water barrier between junction box and interior components. Anti-drip valve (ADV™) prevents "wicking" through conductor installation.

Driver (12-27V)
For use with [1] 100mA @ (12, 24, 27, Class A, constant current driver. 12-27VAC (nominal), primary input voltage: 50/60Hz: >504 Power Factor, 6A inrush current, 0.5A input current, <20kVFW (nominal at 100W full load). Output over-voltage, over-current, and short circuit protection with auto recovery. ELC. FCC/CTFC/FCC Part 15 Class B compliant. Dimming driver for use with standard incandescent dimmer. 100% dimming range. Driver Wattage must match fixture Wattage.

Wiring / Connectors
- Teflon® coated wire, 18 gauge, 100V, 125°C rated and certified to UL 1659 standard. Gear may quick disconnect. Patented HydroLock® with anti-drip valve (ADV™) wireway. (2) Waterproof connectors supplied for branch circuit and lamp connection. Mains (2) 4/0 & (2) #18. Minimum (1) #12 & (1) #18 per connector.

Finish
- Standard®, our exclusive Rols compliant, 5 stage chrome-free process cleans and conversion coats aluminum components prior to application of Class X IGW polyester powder coating. brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (detailed finish for interior use only).

Warranty
- 5 year limited warranty.

Listings

RoHS certified. *RoHS is a registered trademark of the European Commission.
**PM2RM TREE STRAP™**

**PROJECT:** [Blank]

**TYPE:** [Blank]

**CATALOG NUMBER:** [Blank]

**LAMP(S):** [Blank]

**NOTES:** [Blank]

---

**CATALOG NUMBER LOGIC**

**Example**

**Series**

**PM2RM**

**TSC-20**

**D12INC**

**BZP**

**MT**

**SC-MB**

**Mounting**

**TSC - Length**

- Tree Strap™ (Specify Adjustable Strap Length)
- 3" Adjustable Strap with Safety Cable - Standard

**Driver Type** (Driver Wattage must match Fixture Wattage)

For use with Incandescent Dimmer. 120V only for Dimming:

**D12INC** - 12W Dimming Driver

**D20INC** - 20W Dimming Driver

**D27INC** - 27W Dimming Driver

---

**REMOTE WIRING**

**LED Driver**

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.

---

**DRIVER ELECTRICAL DATA**

| TYPE   | AC INPUT RANGE | FREQUENCY | DIMMING | POWER FACTOR AT FULL LOAD | THD   | OPERATING AMBIENT TEMPERATURE | DIMMER TYPE | DIMMER RANGE | IN RUSH CURRENT |
|--------|----------------|-----------|---------|---------------------------|-------|-------------------------------|-------------|--------------|----------------|----------------|
| D12INC | 105-305        | 50/60     | YES     | >0.94                     | ≤5%   | -30°C to 50°C (-22°F to 122°F) | Incandescent | 10-100%      | <250mA         |
| D20INC | 105-305        | 50/60     | YES     | >0.94                     | ≤5%   | -30°C to 50°C (-22°F to 122°F) | Incandescent | 10-100%      | <250mA         |
| D27INC | 120-277        | 50/60     | YES     | >0.90                     | <20%  | -30°C to 70°C (-22°F to 158°F) | 0-10, Incandescent/ELV (120 only) | 10-100%      | 6A             |

---

**B-K LIGHTING**

40429 Brickyard Drive • Murrieta, CA 92562 • USA
559.438.5800 • FAX 559.438.5800
www.bklighting.com • info@bklighting.com

**SUBMITTAL DATE** 03-27-2019

**DRAWING NUMBER** SUB-2598-00
PM2RM TREE STRAP™

SPECIFICATIONS

GreenSource Initiative™

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Tree Installation

Tree Strap™ mounting system facilitates non-invasive installation. Adjustable nylon strap is mold and mildew resistant and will not hinder tree growth. Optional stainless steel safety cable maintains UPM mounting when nylon strap is disengaged.

Housing

Copper free, aluminum extrusion with die cast end caps. Surface mounted with flow-through back channel to prevent water and debris collection. Machined aluminum cover with countersunk holes for flush hardware installation. Tamper-resistant, captive, black oxide stainless steel mounting screws.

SAFETY CABLE

Optional Safety Cable with Secure Connection, No Tools Required For Assembly.

END VIEW

[4] Patented 1/2" (3.17mm) Knockouts For Use with Surface Conduit (By Others).

OPTIONAL MOUNTING BRACKET

SIDE VIEW

2 1/4" (57mm)

3 7/8" (98mm)

2 3/4" (191mm)

2 1/4" (57mm)

2 1/4" (57mm)

4 (Clearance Holes For 1/4" (6mm) Fasteners (By Others))

9 1/8" (232mm)

FRONT VIEW

Adjustable Nylon Strap

Specify Length 3" (76mm) Minimum

2" (51mm)

3 3/8" (86mm)

6 13/16" (173mm)

Dimming driver for use with standard incandescent dimmers 10-100% range.

Finish

StarGuard®, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class A TGIC polyester powder coating.

Warranty

3 year limited warranty.

Listings


UPM’s Patented knockouts are covered by U.S. Patent No. 6,940,913 B2.

B-K LIGHTING

40429 Brileyard Drive • Madera, CA 93636 • USA
559.438.5900 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE
03-27-2019

DRAWING NUMBER
SUB-2598-00
PM2RM SURFACE MOUNT

CATALOG NUMBER LOGIC

Example

<table>
<thead>
<tr>
<th>PM2RM</th>
<th>SM</th>
<th>D12INC</th>
<th>BZP</th>
<th>MT</th>
</tr>
</thead>
</table>

Series

- PM2RM - Universal Power Module™ 2 Remote

Mounting

- SM - Surface Mount (requires side conduit entry)

Driver Type

For use with Incandescent Dimmer, 120V only for Dimming:

- D12INC - 12W Dimming Driver
- D26INC - 26W Dimming Driver
- D27INC - 27W Dimming Driver

Finish

Standard Finish

<table>
<thead>
<tr>
<th>Powder Coat Color</th>
<th>Satin</th>
<th>Wrinkle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
<td>BZP</td>
<td>RZW</td>
</tr>
<tr>
<td>Black</td>
<td>BLP</td>
<td>BLW</td>
</tr>
<tr>
<td>White (Gloss)</td>
<td>WHP</td>
<td>WHW</td>
</tr>
<tr>
<td>Aluminium</td>
<td>SAP</td>
<td>—</td>
</tr>
<tr>
<td>Verde</td>
<td>—</td>
<td>VER</td>
</tr>
</tbody>
</table>

Premium Finish

<table>
<thead>
<tr>
<th>ABP</th>
<th>Antique Brass Powder</th>
<th>CMG</th>
<th>Cascade Mountain Granite</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMG</td>
<td>Aluminum Mountain Granite</td>
<td>CBM</td>
<td>Cracked Ice</td>
</tr>
<tr>
<td>AQW</td>
<td>Antique White</td>
<td>CRM</td>
<td>Cream</td>
</tr>
<tr>
<td>BMC</td>
<td>Black Chrome</td>
<td>HUG</td>
<td>Hunter Green</td>
</tr>
<tr>
<td>BGE</td>
<td>Beige</td>
<td>MDS</td>
<td>Mojave Desert Sandstone</td>
</tr>
<tr>
<td>BPP</td>
<td>Brown Patine Powder</td>
<td>NBP</td>
<td>Natural Brass Powder</td>
</tr>
<tr>
<td>CAP</td>
<td>Clear Anodized Powder</td>
<td>OCP</td>
<td>Old Copper</td>
</tr>
</tbody>
</table>

Also available in RAL Finishers. See submission SUB-1439-00

Remote Wiring

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.

Input Voltage

- MT - 120-277 VAC input

DRIVER ELECTRICAL DATA

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AC INPUT RANGE</th>
<th>FREQUENCY HZ</th>
<th>DIMMING</th>
<th>POWER FACTOR AT FULL LOAD</th>
<th>THD</th>
<th>OPERATING AMBIENT TEMPERATURE</th>
<th>DIMMER TYPE</th>
<th>DIMMER RANGE</th>
<th>IN RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>&lt;5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D26INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>&lt;5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D27INC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.90</td>
<td>&lt;30%</td>
<td>-30°C to 70°C (-22°F to 158°F)</td>
<td>0-10, Incandescent/ELV(120 only)</td>
<td>10-100%</td>
<td>6A</td>
</tr>
</tbody>
</table>
SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.blighting.com/greensource for program requirements.

Surface Mount
For use with side entry, surface conduits. Stainless steel mounting brackets provide for direct anchor to architectural surfaces in any orientation.

Housing
Copper free, aluminum extrusion with die cast end caps. Surface mounted with flow through back channel to prevent water and debris collection. Machined aluminum cover with countersunk holes for flush hardware installation. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection.

Installation Tether
Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

Patented Knockouts
[4] 1/2" NPT, machined aluminum knockouts. High temperature, silicone 'O' ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

Driver (12-27W)
For use with 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage: 50/60Hz. >0.94 Power Factor, 6A in-rush current, 0-25A input current, <2096THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant. Driver wattage must match fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

Finish
StartGuard®, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class A TGIC polyester powder coating.

Warranty
5 year limited warranty.

Listings
NEMA 4X/IP-65 Rated Enclosure. UL Listed, Certified to CAN/CSA/ANSI Standards. RoHS compliant. Made in USA.

RoHS
PM2RM JUNCTION BOX (CAMLOCK™)

CATALOG NUMBER LOGIC

Example

PM2RM - CT - D27INC - BZP - MT - MB

Series

PM2RM - Universal Power Module™ 2 Remote

Mounting

CT - Rectangular CamLock™
CR - Round CamLock™

Driver Type (Driver Wattage must match fixture Wattage)

For use with Incandescent Dimmer, 120V only for Dimming:

D12INC - 12W Dimming Driver
D20INC - 20W Dimming Driver
D27INC - 27W Dimming Driver

Finish

Standard Finish

- Powder Coat Color
- Satin
- Wrinkle

Bronze - BZP
Black - BLP
White (Glass) - WHP
Aluminum - SAP
 Verde

Premium Finish

- AIP Antique Brass Powder
- AMG Meatal Mountain Granite
- AOW Antique White
- BCM Black Chrome
- BGE Beige
- BPP Brown Patina Powder
- CAP Clear Anodized Powder

- CMG Cascade Mountain Granite
- CRI Cracked Ice
- CRM Cream
- HUG Hunter Green
- MDS Mojave Desert Sandstone
- NBP Nazanin Brass Powder
- OCP Old Copper

- RMG Rocky Mountain Granite
- SDS Sonora Desert Sandstone
- SMG Sierra Mountain Granite
- TKF Textured Forest
- WCP Weathered Copper
- WIR Weathered Iron

Also available in BIL Finishes

Input Voltage

MT - 120-277 VAC Input

Options

MB - Mounting Brackets

REMOTE Wiring

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.

DRIVER ELECTRICAL DATA

<table>
<thead>
<tr>
<th>Type</th>
<th>AC Input Range</th>
<th>Frequency Hz</th>
<th>Dimming</th>
<th>Power Factor at Full Load</th>
<th>THD</th>
<th>Operating Ambient Temperature</th>
<th>Dimmer Type</th>
<th>Dimmer Range</th>
<th>In Rush Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;200mA</td>
</tr>
<tr>
<td>D20INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D27INC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.90</td>
<td>&lt;20%</td>
<td>-30°C to 70°C (-22°F to 158°F)</td>
<td>0-10, Incandescent/ELV (120 only)</td>
<td>10-100%</td>
<td>6A</td>
</tr>
</tbody>
</table>
SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Round CamLock™ Canopy
(Recessed Junction Box)
5" diameter, machined aluminum construction. Includes stainless steel universal mounting ring for use with 4" octagonal junction box. [2] tamper-resistant, black oxide stainless steel mounting screws. 1/8" thick HT-805A silicone foam gasket for water-tight seal. Integral CamLock™ provides additional 30° adjustment for precision alignment of UPM regardless of junction box orientation. Integral wiper seal maintains water-tight integrity between UPM and junction box. Optional stainless steel mounting brackets may be specified to provide additional anchor to architectural surface.

Rectangular CamLock™ Canopy
(Recessed Junction Box)
Machined aluminum, 3" x 5" rectangular canopy for use with single gang junction box. [2] tamper-resistant, black oxide stainless steel mounting screws. 1/8" thick HT-805A silicone foam gasket for water-tight seal. Integral CamLock™ provides additional 30° adjustment for precision alignment of UPM regardless of junction box orientation. Integral wiper seal maintains water-tight integrity between UPM and junction box. Optional stainless steel mounting brackets may be specified to provide additional anchor to architectural surface.

Housing
Copper free, aluminum extrusion with die cast end caps. Surface mounted with flow through back channel to prevent water and debris collection. Machined aluminum cover with countersunk holes for flush hardware installation. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection. [2] 1/2" NPT female conduit entries per end cap for through wiring.

Installation Tether
Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

Patented Knockouts
[4] 1/2" NPT, machined aluminum knockouts. High temperature, silicone "O" ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

Driver (12-27W)
For use with 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz, >0.94 Power Factor, 6A In-rush current, 0.25A input current, <20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC/C47C/CR Part 15 Class B compliant. Driver wattage must match fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

Finish
StarGuard®, our exclusive RoHS compliant, 15 stage chrome-free process cleans and conversion coats aluminum components prior to application of Class "A" TGE polyester powder coating.

Warranty
3-year limited warranty.

Listings

B-K LIGHTING 40429 Brickyard Drive • Madera, CA 93636 • USA 559-438.5800 • FAX 559-438.5900 www.bklighting.com • info@bklighting.com

SUBMITTAL DATE: 04-10-2018 DRAWING NUMBER: SUB-2602-00
**PM2 DUAL RM TREE STRAP™**

**CATALOG NUMBER LOGIC**

Example:

| PM2DRM | TSC-20 | D121NC | BZP | MT | SC |

**Series**
- PM2DRM - Universal Power Module™ 2 Dual Remote

**Mounting**
- TSC - Length - Tree Strap™ (Specify Adjustable Strap Length)
- 3" Adjustable Strap with Safety Cable - Standard

**Driver Type** (Driver Wattage must match fixture Wattage)
For use with Incandescent Dimmer, 120V only for Dimming:
- D121NC - (2) 12W Dimming Driver
- D201NC - (2) 20W Dimming Driver
- D271NC - (2) 27W Dimming Driver

**Finish**

<table>
<thead>
<tr>
<th>Powder Coatings</th>
<th>Satin</th>
<th>Wrinkle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
<td>BZP</td>
<td>BZW</td>
</tr>
<tr>
<td>Black</td>
<td>BLIP</td>
<td>BLW</td>
</tr>
<tr>
<td>White (Gloss)</td>
<td>WHP</td>
<td>WHW</td>
</tr>
<tr>
<td>Aluminum</td>
<td>SAP</td>
<td>—</td>
</tr>
<tr>
<td>Verde</td>
<td>—</td>
<td>VER</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Finish</th>
<th>Antique Brass Powder</th>
<th>Cascade Mountain Granite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premium Finish</td>
<td>Aletin Mountain Granite</td>
<td>CRI - Cracked Ice</td>
</tr>
<tr>
<td></td>
<td>AQW - Antique White</td>
<td>CRM - Cream</td>
</tr>
<tr>
<td></td>
<td>BCM - Black Chrome</td>
<td>HUG - Hunter Green</td>
</tr>
<tr>
<td></td>
<td>BGE - Beige</td>
<td>MDS - Mojave Desert Sandstone</td>
</tr>
<tr>
<td></td>
<td>BPP - Brown Patina Powder</td>
<td>NBP - Natural Brass Powder</td>
</tr>
<tr>
<td></td>
<td>CAP - Clear Anodized Powder</td>
<td>OCP - Old Copper</td>
</tr>
</tbody>
</table>

| Input Voltage    | MT - 120-277 VAC Input |

**Options**
- SC - Safety Cable. For use with Tree Strap™ (TS) mount. Cable length to match strap length.
- MB - Mounting Brackets

**DRIVER ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AC INPUT RANGE</th>
<th>FREQUENCY Hz</th>
<th>DIMMING</th>
<th>POWER FACTOR AT FULL LOAD</th>
<th>THD</th>
<th>OPERATING AMBIENT TEMPERATURE</th>
<th>DIMMER TYPE</th>
<th>DIMMER RANGE</th>
<th>IN RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D121NC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D201NC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D271NC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.90</td>
<td>&lt;20%</td>
<td>-30°C to 70°C (-22°F to 158°F)</td>
<td>0-10, Incandescent/ELV (120 only)</td>
<td>10-100%</td>
<td>6A</td>
</tr>
</tbody>
</table>

**B-K LIGHTING**

40429 Brickyard Drive • Madera, CA 93636 • USA 559.438.5600 • FAX 559.438.0000 www.bklighting.com • info@bklighting.com

SUBMITTAL DATE 03-27-2019  DRAWING NUMBER SUB-2604-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONvey ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.
SPECIFICATIONS
GreenSource initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbon (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Tree Installation
Tree Strap™ mounting system facilitates non-invasive installation. Adjustable nylon strap is mold and mildew resistant and will not hinder tree growth. Optional stainless steel safety cable maintains UPM mounting when nylon strap is disengaged.

Housing
Copper free, aluminum extrusion with die cast end caps. Surface mounted with flow through back channel to prevent water and debris collection. Machined aluminum cover with countersunk holes for flush hardware installation. Tamper-resistant, captive, black oxide stainless steel mounting screws.

SAFETY CABLE
Optional Safety Cable with Secure Connection, No Tools Required for Assembly.

END VIEW
(4) 1/8" (13mm)
Knockout for Cap with Surface Connect (By Others)

OPTIONAL MOUNTING BRACKET
2 1/4" (57mm)
1 3/4" (44mm)
O.C.

SIDE VIEW
6 1/4" (159mm)
2 1/4" (57mm)
1 3/4" (44mm)
O.C.

Front View
Adjustable Nylon Strap

Specify Length
2" (51mm) Minimum
6 1/16" (153mm)
3 3/8" (86mm)

PROJECT: ______________________
TYPE: ______________________

B-K LIGHTING
40429 Brickyard Drive • Madera, CA 93638 • USA 559.438.5800 • FAX 559.438.5900 www.bklighting.com • info@bklighting.com

SUBMITTAL DATE: 03-27-2019 DRAWING NUMBER: SUB-2604-00

Dimming driver for use with standard incandescent dimmers, 10-100% range.

Finish
StarGuard®, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class A TGIC polyester powder coating.

Warranty
5 year limited warranty.

Listings
NEMA 4X/IP-66 Rated Enclosure. UL Listed, Certified to CAN/CSA/ANSI Standards. RoHS compliant. Made in USA.

RoHS
**PM2 DUAL RM SURFACE MOUNT**

**Constant Current Driver**

**CATALOG NUMBER LOGIC**

Example

<table>
<thead>
<tr>
<th>PM2DRM</th>
<th>SM</th>
<th>SM</th>
<th>D27INC</th>
<th>MT</th>
</tr>
</thead>
</table>

Series

PM2DRM - Universal Power Module™ 2 Dual Remote

Mounting

SM - Surface Mount (requires side conduit entry)

Driver Type

(Driver Voltage must match Fixture Voltage)

For use with Incandescent Dimmer, 120V only for Dimming:

- D12INC - (2) 12W Dimming Driver
- D20INC - (2) 20W Dimming Driver
- D27INC - (2) 27W Dimming Driver

Finish

<table>
<thead>
<tr>
<th>Standard Finish</th>
<th>Premium Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Powder Coat Color</td>
<td>Satin</td>
</tr>
<tr>
<td>Bronze</td>
<td>BZP</td>
</tr>
<tr>
<td>Black</td>
<td>BLP</td>
</tr>
<tr>
<td>White (Gloss)</td>
<td>WHP</td>
</tr>
<tr>
<td>Aluminium</td>
<td>SAP</td>
</tr>
<tr>
<td>Varie</td>
<td>--</td>
</tr>
</tbody>
</table>

Input Voltage

MT - 120-277 VAC Input

**REMOTE WIRING**

**LED Driver**

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

Failure to comply with specific wiring requirements will void product warranty.

**DRIVER ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AC INPUT RANGE</th>
<th>FREQUENCY</th>
<th>DIMMING</th>
<th>POWER FACTOR AT FULL LOAD</th>
<th>THD</th>
<th>OPERATING AMBIENT TEMPERATURE</th>
<th>DIMMER TYPE</th>
<th>DIMMER RANGE</th>
<th>IN RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D20INC</td>
<td>165-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D27INC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.90</td>
<td>&lt;20%</td>
<td>-30°C to 70°C (-22°F to 185°F)</td>
<td>0-10, Incandescent/ELV (120 only)</td>
<td>10-100%</td>
<td>6A</td>
</tr>
</tbody>
</table>

B-K LIGHTING

40429 Balfour Drive • Madera, CA 93636 • USA 559-438-5800 • FAX 559-438-5800 www.bklighting.com • info@bklighting.com

SUBMITTAL DATE

03-27-2019

DRAWING NUMBER

SUB-2606-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS REPRODUCTION OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DISCLOSE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.
SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Surface Mount
For use with side entry, surface conduits. Stainless steel mounting brackets provide for direct anchor to architectural surfaces in any orientation.

Housing
Copper free, aluminum extrusion with die cast end caps. Surface mounted with flow through back channel to prevent water and debriss collection. Machined aluminum cover with countersunk holes for flush hardware installation. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection. [2] 1/2" NPT female conduit entries per end cap for through wiring.

Installation Tether
Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

Patented Knockouts

Driver (12-27W)
For use with [2] 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, 6A in-rush current, 0.25A input current, <20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant. Driver wattage must match fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

Finish
StarGuard®, our exclusive RoHS compliant, 15 stage chrome-free process chains and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating.

Warranty
5 year limited warranty.

Listings

UL RoHS Made in USA

B-K LIGHTING
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE 03-27-2019 DRAWING NUMBER SUB-2606-00
PM2 DUAL RM JUNCTION BOX (CAMLOCK™)

CATALOG NUMBER LOGIC

Example

<table>
<thead>
<tr>
<th>Type</th>
<th>PM2RM</th>
<th>CT</th>
<th>D12INC</th>
<th>BZP</th>
<th>MT</th>
<th>MB</th>
</tr>
</thead>
</table>

Series
PM2RM - Universal Power Module™ 2 Remote

Mounting
CT - Rectangular CamLock™
CR - Round CamLock™

Driver Type (Driver Wattage must match fixture Wattage)
For use with Incandescent Dimmer, 120V only for Dimming:
D12INC - (2) 12W Dimming Driver
D20INC - (2) 20W Dimming Driver
D27INC - (2) 27W Dimming Driver

Finish

<table>
<thead>
<tr>
<th>Standard Finish</th>
<th>Premium Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powder Coat Color</td>
<td>Satin</td>
</tr>
<tr>
<td>Bronze</td>
<td>BZP</td>
</tr>
<tr>
<td>Black</td>
<td>BLP</td>
</tr>
<tr>
<td>White (Gloss)</td>
<td>WHP</td>
</tr>
<tr>
<td>Aluminum</td>
<td>SAP</td>
</tr>
<tr>
<td>Verde</td>
<td>---</td>
</tr>
<tr>
<td>ABP Antique Brass Powder</td>
<td>CMG Cascade Mountain Granite</td>
</tr>
<tr>
<td>AMG Acastian Mountain Granite</td>
<td>CRB Cracked Ice</td>
</tr>
<tr>
<td>AWM Antique White</td>
<td>CRM Cream</td>
</tr>
<tr>
<td>BCM Black Chrome</td>
<td>HUG Hunter Green</td>
</tr>
<tr>
<td>BGE Beige</td>
<td>MDS Mojave Desert Sandstone</td>
</tr>
<tr>
<td>BPP Brown Patina Powder</td>
<td>NBP Natural Brass Powder</td>
</tr>
<tr>
<td>CAP Chel Anodized Powder</td>
<td>OCP Old Copper</td>
</tr>
<tr>
<td>RMG Rocky Mountain Granite</td>
<td>SDS Sonoran Desert Sandstone</td>
</tr>
<tr>
<td>SMG Sierra Mountain Granite</td>
<td>TGF Tortured Forest</td>
</tr>
<tr>
<td>WCP Weathered Copper</td>
<td>WBF Weathered Iron</td>
</tr>
<tr>
<td>Also available in FUL Finish (submittal style 1459-60)</td>
<td></td>
</tr>
</tbody>
</table>

Input Voltage
MT - 120-277 VAC Input

Options
MB - Mounting Brackets

REMOTE WIRING

LED Driver
Remote driver Installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers strongly recommend the following wiring details for such installations:
- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.
- Failure to comply with specific wiring requirements will void product warranty.

DRIVER ELECTRICAL DATA

<table>
<thead>
<tr>
<th>TYPE</th>
<th>AC INPUT RANGE</th>
<th>FREQUENCY</th>
<th>DIMMING</th>
<th>POWER FACTOR AT FULL LOAD</th>
<th>THD</th>
<th>OPERATING AMBIENT TEMPERATURE</th>
<th>DIMMER TYPE</th>
<th>DIMMER RANGE</th>
<th>IN-RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D12INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤2%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D20INC</td>
<td>105-305</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.94</td>
<td>≤5%</td>
<td>-30°C to 50°C (-22°F to 122°F)</td>
<td>Incandescent</td>
<td>10-100%</td>
<td>&lt;250mA</td>
</tr>
<tr>
<td>D27INC</td>
<td>120-277</td>
<td>50/60</td>
<td>YES</td>
<td>&gt;0.90</td>
<td>&lt;20%</td>
<td>-30°C to 70°C (-22°F to 158°F) 0-10, Incandescent/ELV (120 only)</td>
<td>0-10-100%</td>
<td>6A</td>
<td></td>
</tr>
</tbody>
</table>

B-K LIGHTING
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com
SUBMITTAL DATE 03-27-2019
DRAWING NUMBER SUB-2608-00
SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Round CamLock™ Canopy
(RECESSED JUNCTION BOX)
5" diameter; machined aluminum construction. Includes stainless steel universal mounting ring for use with 4" octagonal junction box. [2] tamper-resistant, black oxide stainless steel mounting screws. 1/8" thick HT-905A silicone foam gasket for water-tight seal. Integral CamLock™ provides additional 30° adjustment for precision alignment of UFM regardless of junction box orientation. Integral taper seal maintains water-tight integrity between UFM and junction box. Optional stainless steel mounting brackets may be specified to provide additional anchorage to structural surface.

CamLock™ provides additional 30° adjustment for precision alignment of UFM regardless of junction box orientation. Integral taper seal maintains water-tight integrity between UFM and junction box. Optional stainless steel mounting brackets may be specified to provide additional anchorage to structural surface.

Housing
Copper free, aluminum extrusion with die cast end caps. Surface mounted with flow through back channel to prevent water and debris collection. Machined aluminum cover with countersunk holes for flush hardware installation. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection. [2] 1/2" NPT female conduit entries per end cap for through wiring.

Installation Tether
Stainless steel cable with integral loop allows tether to temporarily suspend from housing during installation to simplify wire connection and component attachment.

Patented Knockouts
[4] 1/2" NPT, machined aluminum knockouts. High temperature, silicone "O" ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

Driver (1-27W)
For use with [2] 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz, >34 Power Factor, 6A in-rush current, 0.25A Input current, <0.9% THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMI: FCC E270, Part 15 Class B compliant. Driver wattage must match fixture wattage.

Dimming driver for use with standard incandescent dimmers, 10-100% range.

Finish
StarGuard®, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class A/TCG polyester powder coating.

Warranty
5 year limited warranty.

Listings
NEMA 4X / IP-66 Rated Enclosure. ETL Listed to ANSI/UL Standard 50/50E and Certified to CAN/CSA Standard C22.2 No. 94.1/94.2. RoHS compliant. Made in USA.

B-K LIGHTING
40429 Bickyard Drive • Madera, CA 93636 • USA
559-438-5000 • FAX 559-438-5000
www.bklighting.com • info@bklighting.com

03-27-2019
SUBMITTAL DATE
SUB-2608-00
DRAWING NUMBER

UPM’s patented knockouts are covered by U.S. Patent No. 6,940,012 B2.