

| | | |
|-------|----------|-------|
| DATE: | PROJECT: | TYPE: |
|-------|----------|-------|

CATALOG NUMBER LOGIC:



*Lamp details available on the 3rd page.
 **Select up to 2. Accessory Holder required.
 ***Aluminum only.

CATALOG NUMBER LOGIC

Example: HP2 - MR - RD - 359 - BZW - 10 - 11 - AH - RG

MATERIAL

(Blank) - Aluminum B - Brass S - Stainless Steel

SERIES

HP2 - In-grade with Flush Mounted Faceplate

OptiLock®

MR - MR16 Lamp

HOUSING

RD - Requires Remote Transformer (Deep Housing)

LAMP TYPE

0 - MR16 Halogen Lamp (Sourced by others)
 MR16 LED (This choice requires lamp number selection)*

FINISH (See page 2 for full-color swatches)

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

Also available in RAL Finishes

Brass Finishes (MAC, POL, MIT)

Stainless Steel Finishes (MAC, POL)

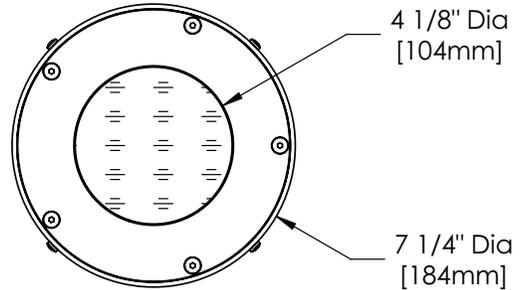
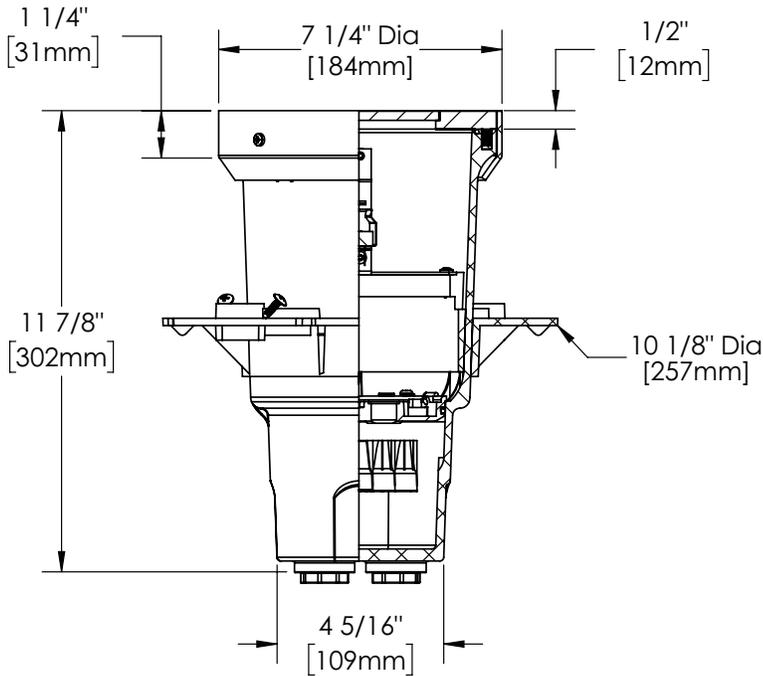
ACCESSORY**

- 10 - Spread Lens
- 11 - Honeycomb Baffle
- 12 - Soft Focus Lens
- 13 - Rectilinear Lens

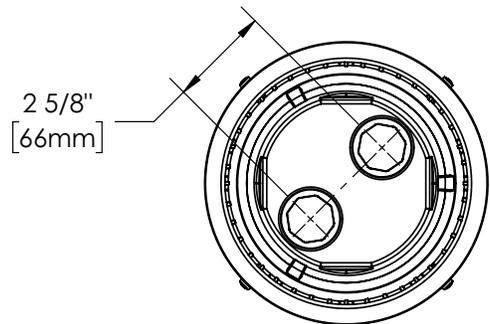
OPTIONS

- AH - Accessory Holder
- TC - Traction Control Lens
- GM-R - Round Grout Mask
- GM-S - Square Grout Mask
- GS - Glare Shield***
- HD - Half Dome***
- RG - Rock Guard***
- RO - Rock Guard with Optical Opening***

DATE: _____ PROJECT: _____ TYPE: _____



TOP VIEW

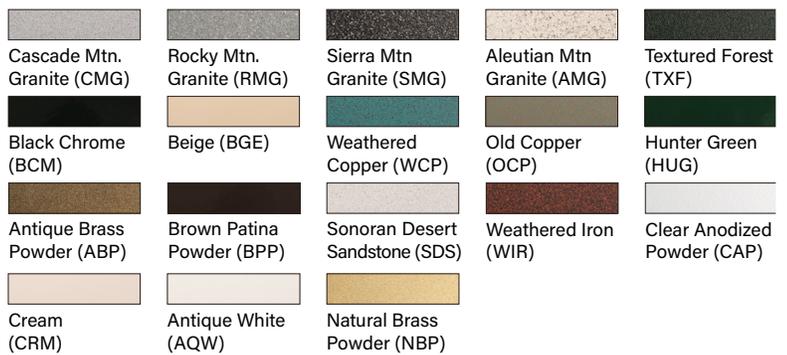


BOTTOM VIEW

STANDARD FINISHES



PREMIUM FINISHES

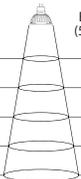
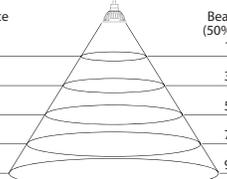
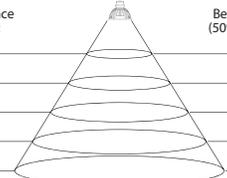


[Click Here](#) to view larger, full-color swatches of all available finishes on our website.



By SORAA™

MR16 LED LAMP

| <p>B-K Lamp # 359 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 2700K Beam: 10° Spot</p> | <p>Mfg. #: MR16- SM16-07-10D-827-H1 Wattage: 7.5W Lamp Efficacy: 77 (Lm/W) Rated Life: 35,000 hrs</p> | <p>CBCP (cd): 8000 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 575</p> |  <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>0.5'</td><td>634</td></tr> <tr><td>6'</td><td>1.0'</td><td>160</td></tr> <tr><td>9'</td><td>1.6'</td><td>69</td></tr> <tr><td>12'</td><td>2.1'</td><td>40</td></tr> <tr><td>15'</td><td>2.6'</td><td>23</td></tr> </tbody> </table> | Distance feet | Beam Dia. (50% CBCP) | Footcandles | 3' | 0.5' | 634 | 6' | 1.0' | 160 | 9' | 1.6' | 69 | 12' | 2.1' | 40 | 15' | 2.6' | 23 |
|--|---|---|---|---------------|----------------------|-------------|----|------|-----|----|------|-----|----|------|----|-----|------|----|-----|------|----|
| Distance feet | Beam Dia. (50% CBCP) | Footcandles | | | | | | | | | | | | | | | | | | | |
| 3' | 0.5' | 634 | | | | | | | | | | | | | | | | | | | |
| 6' | 1.0' | 160 | | | | | | | | | | | | | | | | | | | |
| 9' | 1.6' | 69 | | | | | | | | | | | | | | | | | | | |
| 12' | 2.1' | 40 | | | | | | | | | | | | | | | | | | | |
| 15' | 2.6' | 23 | | | | | | | | | | | | | | | | | | | |
| <p>B-K Lamp # 361 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 2700K Beam: 25° Narrow Flood</p> | <p>Mfg. #: MR16- SM16-07-25D-827-H1 Wattage: 7.5W Lamp Efficacy: 80 (Lm/W) Rated Life: 35,000 hrs</p> | <p>CBCP (cd): 3170 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 600</p> |  <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.3'</td><td>251</td></tr> <tr><td>6'</td><td>2.7'</td><td>63</td></tr> <tr><td>9'</td><td>4.0'</td><td>27</td></tr> <tr><td>12'</td><td>5.3'</td><td>16</td></tr> <tr><td>15'</td><td>6.7'</td><td>9</td></tr> </tbody> </table> | Distance feet | Beam Dia. (50% CBCP) | Footcandles | 3' | 1.3' | 251 | 6' | 2.7' | 63 | 9' | 4.0' | 27 | 12' | 5.3' | 16 | 15' | 6.7' | 9 |
| Distance feet | Beam Dia. (50% CBCP) | Footcandles | | | | | | | | | | | | | | | | | | | |
| 3' | 1.3' | 251 | | | | | | | | | | | | | | | | | | | |
| 6' | 2.7' | 63 | | | | | | | | | | | | | | | | | | | |
| 9' | 4.0' | 27 | | | | | | | | | | | | | | | | | | | |
| 12' | 5.3' | 16 | | | | | | | | | | | | | | | | | | | |
| 15' | 6.7' | 9 | | | | | | | | | | | | | | | | | | | |
| <p>B-K Lamp # 362 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 2700K Beam: 36° Flood</p> | <p>Mfg. #: MR16- SM16-07-36D-827-H1 Wattage: 7.5W Lamp Efficacy: 80 (Lm/W) Rated Life: 35,000 hrs</p> | <p>CBCP (cd): 1550 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 600</p> |  <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.9'</td><td>119</td></tr> <tr><td>6'</td><td>3.9'</td><td>30</td></tr> <tr><td>9'</td><td>5.8'</td><td>13</td></tr> <tr><td>12'</td><td>7.8'</td><td>7</td></tr> <tr><td>15'</td><td>9.7'</td><td>4</td></tr> </tbody> </table> | Distance feet | Beam Dia. (50% CBCP) | Footcandles | 3' | 1.9' | 119 | 6' | 3.9' | 30 | 9' | 5.8' | 13 | 12' | 7.8' | 7 | 15' | 9.7' | 4 |
| Distance feet | Beam Dia. (50% CBCP) | Footcandles | | | | | | | | | | | | | | | | | | | |
| 3' | 1.9' | 119 | | | | | | | | | | | | | | | | | | | |
| 6' | 3.9' | 30 | | | | | | | | | | | | | | | | | | | |
| 9' | 5.8' | 13 | | | | | | | | | | | | | | | | | | | |
| 12' | 7.8' | 7 | | | | | | | | | | | | | | | | | | | |
| 15' | 9.7' | 4 | | | | | | | | | | | | | | | | | | | |
| <p>B-K Lamp # 363 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 3000K Beam: 10° Spot</p> | <p>Mfg. #: MR16- SM16-07-10D-830-H1 Wattage: 7.5W Lamp Efficacy: 80 (Lm/W) Rated Life: 35,000 hrs</p> | <p>CBCP (cd): 8400 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 600</p> |  <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>0.5'</td><td>666</td></tr> <tr><td>6'</td><td>1.0'</td><td>168</td></tr> <tr><td>9'</td><td>1.6'</td><td>72</td></tr> <tr><td>12'</td><td>2.1'</td><td>42</td></tr> <tr><td>15'</td><td>2.6'</td><td>24</td></tr> </tbody> </table> | Distance feet | Beam Dia. (50% CBCP) | Footcandles | 3' | 0.5' | 666 | 6' | 1.0' | 168 | 9' | 1.6' | 72 | 12' | 2.1' | 42 | 15' | 2.6' | 24 |
| Distance feet | Beam Dia. (50% CBCP) | Footcandles | | | | | | | | | | | | | | | | | | | |
| 3' | 0.5' | 666 | | | | | | | | | | | | | | | | | | | |
| 6' | 1.0' | 168 | | | | | | | | | | | | | | | | | | | |
| 9' | 1.6' | 72 | | | | | | | | | | | | | | | | | | | |
| 12' | 2.1' | 42 | | | | | | | | | | | | | | | | | | | |
| 15' | 2.6' | 24 | | | | | | | | | | | | | | | | | | | |
| <p>B-K Lamp # 365 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 3000K Beam: 25° Narrow Flood</p> | <p>Mfg. #: MR16- SM16-07-25D-830-H1 Wattage: 7.5W Lamp Efficacy: 84 (Lm/W) Rated Life: 35,000 hrs</p> | <p>CBCP (cd): 3300 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 630</p> |  <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.3'</td><td>266</td></tr> <tr><td>6'</td><td>2.7'</td><td>67</td></tr> <tr><td>9'</td><td>4.0'</td><td>29</td></tr> <tr><td>12'</td><td>5.3'</td><td>17</td></tr> <tr><td>15'</td><td>6.7'</td><td>10</td></tr> </tbody> </table> | Distance feet | Beam Dia. (50% CBCP) | Footcandles | 3' | 1.3' | 266 | 6' | 2.7' | 67 | 9' | 4.0' | 29 | 12' | 5.3' | 17 | 15' | 6.7' | 10 |
| Distance feet | Beam Dia. (50% CBCP) | Footcandles | | | | | | | | | | | | | | | | | | | |
| 3' | 1.3' | 266 | | | | | | | | | | | | | | | | | | | |
| 6' | 2.7' | 67 | | | | | | | | | | | | | | | | | | | |
| 9' | 4.0' | 29 | | | | | | | | | | | | | | | | | | | |
| 12' | 5.3' | 17 | | | | | | | | | | | | | | | | | | | |
| 15' | 6.7' | 10 | | | | | | | | | | | | | | | | | | | |
| <p>B-K Lamp # 366 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 3000K Beam: 36° Flood</p> | <p>Mfg. #: MR16- SM16-07-36D-830-H1 Wattage: 7.5W Lamp Efficacy: 84 (Lm/W) Rated Life: 35,000 hrs</p> | <p>CBCP (cd): 1650 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 630</p> |  <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.9'</td><td>125</td></tr> <tr><td>6'</td><td>3.9'</td><td>32</td></tr> <tr><td>9'</td><td>5.8'</td><td>14</td></tr> <tr><td>12'</td><td>7.8'</td><td>8</td></tr> <tr><td>15'</td><td>9.7'</td><td>5</td></tr> </tbody> </table> | Distance feet | Beam Dia. (50% CBCP) | Footcandles | 3' | 1.9' | 125 | 6' | 3.9' | 32 | 9' | 5.8' | 14 | 12' | 7.8' | 8 | 15' | 9.7' | 5 |
| Distance feet | Beam Dia. (50% CBCP) | Footcandles | | | | | | | | | | | | | | | | | | | |
| 3' | 1.9' | 125 | | | | | | | | | | | | | | | | | | | |
| 6' | 3.9' | 32 | | | | | | | | | | | | | | | | | | | |
| 9' | 5.8' | 14 | | | | | | | | | | | | | | | | | | | |
| 12' | 7.8' | 8 | | | | | | | | | | | | | | | | | | | |
| 15' | 9.7' | 5 | | | | | | | | | | | | | | | | | | | |

B-K LIGHTING

MADE IN THE USA

559.438.5800 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

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| | | |
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| DATE: | PROJECT: | TYPE: |
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ACCESSORIES (Configure separately)

SPECIFICATIONS

| | | |
|-------------------------|---|--|
| ELECTRICAL | WATTAGE | 50W Max. |
| | SOCKET | Specification grade ceramic body, miniature bi-pin quartz lamp holder. |
| | WIRING / CONNECTORS | XLPE coated wire, 18 gauge, 300V, 125°C rated and certified to UL3265 standard. Features OptiLock® and gear tray quick disconnects. Patented HydroLock® with three (3) Water-Tight connectors supplied for incoming connection. Maximum (2) #10 & (1) #18. Minimum (1) #12 & (1) #18. |
| | REMOTE TRANSFORMER | For use with remote 12VAC transformer. See Low Voltage Design Guide to determine lamp-to-transformer distance and wiring requirements prior to detailing field installation of any remote wiring. |
| PHYSICAL | FIXTURE HOUSING | Corrosion-free, high strength, flame retardant and UV stabilized, injected molded polycarbonate. Two (2) bottom-entry, 3/4" NPT female conduit entries with knockout plugs and four (4) side flats for 1/2" or 3/4" conduit adapters. |
| | PATENTED STABILITY FLANGE | Corrosion-free composite flange projects into installation substrate to reinforce housing stability. Integral REBAR saddles simplify installation onto concrete form. Four (4) orthogonal bosses permit use of 1/2" PCV conduit or EMT to simplify vertical position and leveling of housing. Preset self-tapping screws anchor housing at proper elevation. |
| | AIMING | Dual axis OptiLock® stainless steel aiming bracket rotates 360° and provides vertical adjustment up to 35° from nadir. Positive lock action ensures optical orientation. |
| | LAMP | For use with 75W maximum, MR-16 lamp.* Not for use with IR technology lamps. Halogen sourced by others. |
| | INSTALLATION | Integral, copper-free aluminum concrete pour collar (CPC) in black finish permits for direct burial installation in soil or concrete. Consult Drainage Installation Guide for In-Grade Fixtures (DIG-IT) for compliance with proper soil preparation and drainage requirements prior to installation. |
| | WATER MANAGEMENT | High temperature silicone 'O' Ring at faceplate. HydroLock® technology provides fail-safe water barrier between junction box and interior components. IP68 rated. |
| | LENS | High heat, Shock-resistant, 1/4" Tempered Soda Lime glass lens. |
| | FACEPLATE | Solid, 1/2" machined 6061T6 aluminum with five (5) black oxide, captive, stainless steel mounting screws. Faceplate options include solid, 1/2" machined brass and solid, 1/2" machined stainless steel. |
| | FINISH | StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. |
| | WARRANTY | 5-year limited warranty. |
| CERTIFICATION & LISTING | UL Listed. Certified to CAN/CSA/ANSI Standards. IP68 Rated. Made in the USA with sustainable processes. | |

