Ultra high output, high efficiency LED floodlight with NEMA Types: 7H x 6V, 6H x 4V, 4H x 6V, 5H x 5V and 3H x 3V. Patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for general and security lighting for large areas, building façades, signs and landscapes.

Color: Bronze  Weight: 66.1 lbs

Technical Specifications

Listings
UL Listing:
Suitable for wet locations. Suitable for ground mounting.

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: P8CWSHD6

Optical
NEMA Type:
NEMA Beam Spread of 7H x 6V

LED Characteristics
Lifespan:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:
Multip-chip, high-output, long-life LEDs

Note:
All values are typical (tolerance +/- 10%)

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:
LED color temperature is warranted to shift no more than 200K in CCT over a 5-year period

Color Uniformity:

Construction
IP Rating:
Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:
Suitable for use in 40°C (104°F)

Effective Projected Area:
EPA = 4

Cold Weather Starting:
Minimum starting temperature is -40°C (-40°F)

Thermal Management:
Superior thermal management with external "Air-Flow" fins

Lens:
Tempered glass lens

Housing:
Die-cast aluminum housing and door frame

Mounting:
Heavy-duty slipfitter for 2 3/8"OD pipe

Reflector:
Specular and semi-specular vacuum-metalized polycarbonate
Technical Specifications (continued)

**Construction**

**Gaskets:**
High-temperature silicone gaskets

**Finish:**
Formulated for high durability and long-lasting color

**Green Technology:**
Mercury and UV free. RoHS-compliant components.

**Other**

**Warranty:**
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB’s warranty is subject to all terms and conditions found at www.rablighting.com/legal#warranty

**Replacement:**
Replaces 1000W Metal Halide

**Buy American Act Compliance:**
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**Electrical**

**Drivers:**

**THD:**
9.26% at 120V, 12.56% at 277V

**Power Factor:**
99.3% at 120V, 96.6% at 277V

**Dimensions**

13 15/16” x 353 mm
22 3/8” x 569 mm
14” x 355 mm
22 3/8” x 569 mm

**Features**

300W replaces 1000 MH floodlights
100,000-hour LED lifespan
5-Year, No-Compromise Warranty

**Ordering Matrix**

<table>
<thead>
<tr>
<th>Family</th>
<th>Wattage</th>
<th>Mounting</th>
<th>Color Temp</th>
<th>NEMA Type</th>
<th>Finish</th>
<th>Driver Options</th>
<th>Options</th>
<th>Other Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>FXLED</td>
<td>300</td>
<td>SF</td>
<td>Blank = 5000K (Cool)</td>
<td></td>
<td>Blank = Bronze</td>
<td>/D10 = 0-10V Dimming</td>
<td>Blank = No option</td>
<td>USA = BAA Compliant</td>
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<tr>
<td></td>
<td>200W</td>
<td></td>
<td>Blank = 7H x 6V</td>
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<td>W = White</td>
<td>/PC5 = 120-277V</td>
<td>Blank = No option</td>
<td>Blank = Standard</td>
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<tr>
<td></td>
<td>300W</td>
<td></td>
<td>Blank = 6H x 4V</td>
<td></td>
<td></td>
<td>/PC4 = 480V</td>
<td>Blank = No option</td>
<td>Blank = Standard</td>
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<tr>
<td></td>
<td></td>
<td>SF</td>
<td>Blank = 5H x 5V</td>
<td></td>
<td></td>
<td>/PCS = 277V Swivel</td>
<td>Blank = No option</td>
<td>Blank = Standard</td>
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<tr>
<td></td>
<td></td>
<td>SF</td>
<td>Blank = 3H x 3V</td>
<td></td>
<td></td>
<td>/PCS2 = 277V Swivel</td>
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<tr>
<td></td>
<td></td>
<td>SF</td>
<td>Blank = 4H x 6V</td>
<td></td>
<td></td>
<td>/PCS4 = 480V Swivel</td>
<td>Blank = No option</td>
<td>Blank = Standard</td>
</tr>
</tbody>
</table>

Need help? Tech help line: (888) 722-1000 Email: custserv@rablighting.com Website: www.rablighting.com
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