FXLED78TN

High power, wide distribution LED floodlight. Replaces 250W MH. Patent Pending airflow technology ensures long LED and driver lifespan. Use for building facade lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze

Weight: 24.0 lbs

Technical Specifications

Listings

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

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P0000175Y

LED Characteristics

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

Color Consistency:
3-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:
RAB’s range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2015.

Construction

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

Ambient Temperature:
Suitable for use in 104° F (40° C) ambient temperatures.

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

Thermal Management:
Superior heat sinking with external Air-Flow fins.

Housing:
Die-cast aluminum housing and door frame.

Mounting:
Heavy-duty Trunnion mount with stainless steel hardware.

Reflector:
Specular vacuum-metallized polycarbonate

Gaskets:
High-temperature silicone gaskets.

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

Green Technology:
Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Optical

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

Electrical

Driver:
Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

Surge Protection:
4kV

THD:
4.9% at 120V, 14.1% at 277V

Power Factor:
99.5% at 120V, 94% at 277V

Other California Title 24:
See FXLED78SF/D10, FXLED78SF/BL, FXLED78SF/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

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.

Patents:
The FXLED78 design is protected by U.S. Pat. D659,280, Canada Pat. 143155, China Pat. ZL201130443125.9, Mexico Pat. 36558 and pending patent in Taiwan.
Dimensions

- 78 Watt high-performance LED
- Replaces 250W MH floodlights
- 100,000 hour life based on LM-80 tests
- Air-flow technology heatsink
- NEMA type - 6H x 6V
- Slipfitter and trunnion mounting available
- 5-year warranty

Ordering Matrix

<table>
<thead>
<tr>
<th>Family</th>
<th>Watts</th>
<th>Mount</th>
<th>Color Temp</th>
<th>Finish</th>
<th>Dimming</th>
<th>Voltage</th>
<th>Photocell</th>
<th>Bi-Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>FXLED</td>
<td>78W</td>
<td>Blank</td>
<td>Blank</td>
<td>Blank</td>
<td>Blank</td>
<td>Blank</td>
<td>Blank</td>
<td>Blank</td>
</tr>
</tbody>
</table>

- SF = Slipfitter
- T = Trunnion
- Blank = Arm
- Blank = 5000K (Cool)
- Y = 3000K (Warm)
- N = 4000K (Neutral)
- Blank = Bronze
- W = White
- Blank = No Dimming
- /D10 = Dimmable
- Blank = 120-277V
- /480 = 480 Volt
- Blank = No Photocell
- /PCT = 120-277V Twistlock Photocell
- /PCT4 = 480V Twistlock Photocell
- Blank = No Bi-Level
- /BL = Bi-Level

Need help? Tech help line: (888) RAB-1000 Email: sales@rabweb.com Website: www.rabweb.com
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