

MDLED3X12F-20YN-W



The multi-head recessed gear tray comes in a variety of configurations and fits securely inside either the new construction or remodeler housings. 90 CRI.

Color: White tray/white head                      Weight: 7.2 lbs

|              |       |
|--------------|-------|
| Project:     | Type: |
| Prepared By: | Date: |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 36W    |
| 120V:        | 0.36A            | Color Temp:     | 3500K  |
| 208V:        | 0.24A            | Color Accuracy: | 90 CRI |
| 240V:        | 0.21A            | L70 Lifespan:   | N/A    |
| 277V:        | 0.18A            | Lumens:         | 3,108  |
| Input Watts: | 46W              | Efficacy:       | 68 LPW |
| Efficiency:  | 79%              |                 |        |

## Technical Specifications

### Listings

#### UL Listing:

Suitable for damp locations

#### 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.

### Construction

#### IC Rating:

Suitable for direct contact with insulation

#### Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

#### Ambient Temperature:

Suitable for use in 55°C ambient temperatures.

#### Lens:

Nanostructure lens eliminates "hot spots", and provides smooth, uniform light at higher efficiency.

#### Reflector:

20°

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

#### Green Technology:

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

### Other

#### Gear Tray Component:

This component must be ordered with Remodeler or New Construction housing in order to make a complete fixture.

#### Brackets:

Butterfly brackets allow mounting with 1/4 x 1/2" bar stock, C Channel, 1/2" conduit, or nailer bars.

#### Thermal Protection:

Thermal protector included with On/OFF driver. Disables power if temperature exceeds safe operation levels.

#### Color Gels:

MDLED works great with third-party color gels to achieve a dramatic effect or a subtle accent. Plus, cool running LED won't degrade the gels like hot halogen lamps.

#### Tray and Heads:

Professional-grade, die-cast aluminum construction.

#### California Title 24:

See MDLED models with dimming driver 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.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

### Electrical

#### Driver:

On/Off Non-Dimming, Constant Current, Class 2, 100-277V, 50/60Hz, 4KV Surge Protection, 350mA, 100-240VAC 0.3-0.15A, 277VAC 0.15A, Power Factor 99%, THD ≤ 20%.

### LED Characteristics

#### LED:

High-output, long-life LED with 2 step binning and integrated driver technology.

#### Color Consistency:

2-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

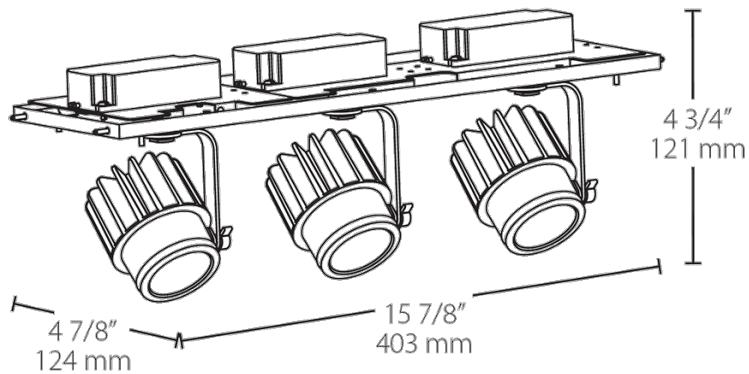
#### Color Accuracy:

90 CRI

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## Dimensions



## Features

Three 12 Watt LED heads

Fixture heads rotate a full 360° and tilt up to 45°

Easily lock heads in place with a thumb screw

Tool-less adjustment for 3 discrete positions: full recess, flush mount or semi-recessed

90 CRI