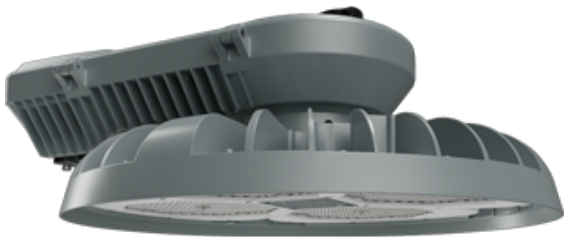
# TM-3T600NRG/480



Color: Roadway gray

Weight: 60.3 lbs

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

## Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | N/A |
| 208V | N/A |
| 240V | N/A |
| 277V | N/A |
| Input Watts | 139.6-576.9W |

## LED Info

| | |
|---|---|
| Watts | 600/540/480/420/360/300/240/150W |
| Color Temp | 4000K |
| Color Accuracy | 74 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 24828-87270 lm |
| Efficacy | 151.3-177.9 lm/W |

## Technical Specifications

### Field Adjustability

**Field Adjustable:**
Field Adjustable Light Output:
600/540/480/420/360/300/240/150W (factory default 600W)
Rotatable Optics: 165° L/R) and 0-5° tilt

### Compliance

**UL Listed:**
Suitable for wet locations

**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.

**IP Rating:**
Ingress protection rating of IP66 for dust and water

**DLC Listed:**
This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

### Optical

**IES Classification:**
The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

**BUG Rating:**
B5 U0 G5

### LED Characteristics

**LEDs:**
Long-life, high-efficacy, surface-mount LEDs

**Color Stability:**
LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period

### Performance

**Lifespan:**
100,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

### Electrical

**Driver:**
Constant Current, Class 1, Class P, 480V, 50/60 Hz:
600W: 120V: 1.5A
540W: 120V: 1.2A
480W: 120V: 1.1A
420W: 120V: 1.0A
360W: 120V: 0.8A
300W: 120V: 0.7A
240W: 120V: 0.6A
150W: 120V: 0.4A

**Dimming Driver:**
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**Aux Power Supply:**
Yes

**Dim to Off:**
Yes

**Surge Protection:**
20 kV

**7-Pin Receptacle with Shorting Cap:**
ANSI C136.41 7-pin receptacle, compatible with wireless control systems


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## Technical Specifications (continued)

### Construction

**Cold Weather Starting:**
The minimum starting temperature is -40°F (-40°C)

**Maximum Ambient Temperature:**
Suitable for use in up to 113°F (45°C)

**IK Rating:**
IK08 Protected against 5 joules of impact. Equivalent to the impact of a 3.75 lbs. (1.7kg) mass dropped from 11.8" (300mm) above the impacted surface.

**Effective Projected Area (EPA):**
1.64 $ft^2$

**Housing:**
Die-cast aluminum

**Lens:**
High-transmittance polystyrene

**Gaskets:**
High-temperature silicone

**Vibration Rating:**
3G vibration rating per ANSI C136.31

**Tilt Increment:**
Rotates in 1 degree increments

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

### Installation

**Mounting:**
Fits existing infrastructure: Mounts to 1-5/8" to 2-3/8" pipe arms on 50 to 130 ft poles

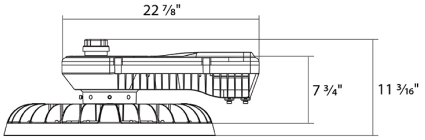
### Other

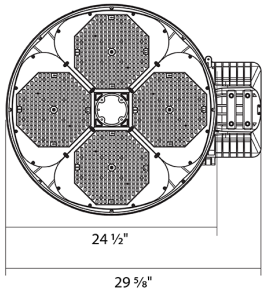
**5-Year Limited Warranty:**
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.


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# TM-3T600NRG/480

## Dimensions




## Features

- 100,000-Hour LED lifespan
- DLC Premium
- 0-10V Dimming
- IP66 Rating protects against dust & water ingress
- Industry-leading 3G vibration rating per ANSI C136.31
- 5-Year, limited warranty

## Ordering Matrix

| Family | | Distribution | Wattage | Mounting | Color Temp | Finish | Driver | Controls |
|---|---|---|---|---|---|---|---|---|
| TM | – | 3T | 600 | | N | RG | /480 | |
| | | **1T =** Type I<br>**2T =** Type II<br>**3T =** Type III<br>**4T =** Type IV<br>**5T =** Type V | **600 =** 600/540/480/420/360/300/240/150W<br>**900 =** 900/810/720/630/540/450/360/225W | **Blank =** Adjustable Pole Mount | **Blank =** 5000K<br>**N =** 4000K | **Blank =** Bronze<br>**RG =** Roadway Gray | **Blank =** 120-277V, 0-10V Dimming<br>**/480 =** 200-480V, 0-10V Dimming | **Blank =** 7-Pin Receptacle with Shorting Cap |


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