TM-3T600



Color: Bronze

Weight: 60.3 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	5.05A/4.59A/4.09A/3.57A/3.05A/2.56A/1.94A/1.32A
208V	2.92A/2.65A/2.36A/2.06A/1.76A/1.47A/1.35A/1.07A
240V	2.53A/2.29A/2.05A/1.78A/1.52A/1.28A/1.17A/0.93A
277V	2.23A/2.03A/1.83A/1.63A/1.43A/1.24A/1.01A/0.80A
Input Watts	157.9-603.9W

LED Info

Watts	600/540/480/420/360/300/240/150W
Color Temp	5000K
Color Accuracy	73 CRI
L70 Lifespan	100,000 Hours
Lumens	27082-89292 lm
Efficacy	147.9-171.5 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, 120-277V, 50/60 Hz:
600W: 120V: 6.0A, 208V: 2.9A, 240V: 2.6A, 277V: 2.3A
540W: 120V: 4.5A, 208V: 2.6A, 240V: 2.3A, 277V: 2.0A
480W: 120V: 4.1A, 208V: 2.4A, 240V: 2.1A, 277V: 1.8A
420W: 120V: 3.6A, 208V: 2.1A, 240V: 1.8A, 277V: 1.6A
360W: 120V: 3.0A, 208V: 1.8A, 240V: 1.6A, 277V: 1.4A
300W: 120V: 2.6A, 208V: 1.6A, 240V: 1.4A, 277V: 1.3A
240W: 120V: 2.0A, 208V: 1.2A, 240V: 1.1A, 277V: 1.0A
150W: 120V: 1.3A, 208V: 0.9A, 240V: 0.8A, 277V: 0.8A

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

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Technical Specifications (continued)

Surge Protection:
20 kV

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

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

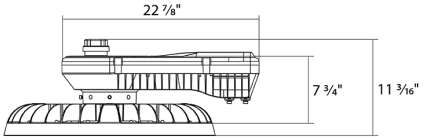
Mounting:
Fits existing infrastructure: Mounts to 1-5/8" to 2-3/8" pipe arms on 50 to 130 ft poles

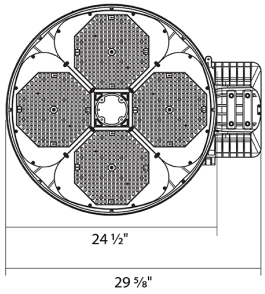
Other

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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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					
		1T = Type I **2T =** Type II **3T =** Type III **4T =** Type IV **5T =** Type V	**600 =** 600/540/480/420/360/300/240/150W **900 =** 900/810/720/630/540/450/360/225W	**Blank =** Adjustable Pole Mount	**Blank =** 5000K **N =** 4000K	**Blank =** Bronze **RG =** Roadway Gray	**Blank =** 120-277V, 0-10V Dimming **/480 =** 200-480V, 0-10V Dimming	**Blank =** 7-Pin Receptacle with Shorting Cap

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