TM-1T600



Color: Bronze

Weight: 60.3 lbs

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

Driver Info

Type	Constant Current
120V	5.06A/4.60A/4.11A/3.56A/3.04A/2.57A/1.97A/1.33A
208V	2.92A/2.65A/2.37A/2.05A/1.76A/1.48A/1.36A/1.07A
240V	2.53A/2.30A/2.05A/1.78A/1.52A/1.28A/1.18A/0.93A
277V	2.23A/2.04A/1.84A/1.63A/1.43A/1.24A/1.02A/0.80A
Input Watts	158.5-604.3W

LED Info

Watts	600/540/480/420/360/300/240/150W
Color Temp	5000K
Color Accuracy	73 CRI
L70 Lifespan	100,000 Hours
Lumens	27833-91745 lm
Efficacy	151.8-175.7 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 I distribution lighting classification defines a narrow, symmetrical two-way light pattern. It is designed to mount in the center of a narrow path or roadway and project light evenly in two opposite directions (up and down the path)

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 IESlm-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

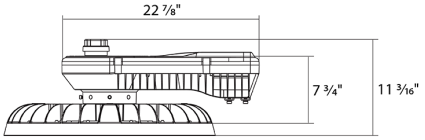
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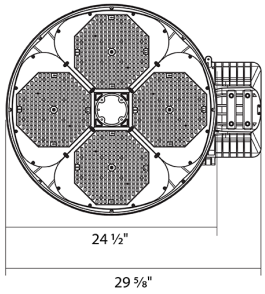
5-Year Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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TM-1T600

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	–	1T	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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