

## FEATURES & SPECIFICATIONS

**INTENDED USE** — For recreation areas, parking lots, building facades, car lots.

**CONSTRUCTION** — NEMA heavy-duty construction. Contoured, low-profile die-cast aluminum housing and front bezel. Front bezel is hinged for easy removal via position-oriented hinge-cam design. Sealed by a one piece bonded high-temperature silicone gasket.

Lens: Impact-resistant, thermal- and shock-resistant clear tempered glass.

Finish: Standard finish is dark bronze (DDB) corrosion resistant polyester powder. With additional architectural colors.

**OPTICS** — Anodized aluminum reflector provides highly efficient rectangular beam pattern. Optic chamber sealed to inhibit entrance of outside contaminants.

**ELECTRICAL** — Ballast: High pressure sodium: 150W is high reactance, high power factor. Constant wattage autotransformer for 400W. Metal halide: Super CWA (pulse start ballast), DOE 2017 compliant, is required for metal halide 400W (SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US.

Socket: Porcelain, horizontally-oriented, mogul-base socket with copper alloy, nickel plated screw shell and center contact. UL Listed 1500W, 600V, 4KV pulse rated.

**INSTALLATION** — Corrosion-resistant, heavy-duty, painted steel mounting yoke standard; die-cast integral tenon slipfitter optional. All external slotted hex-head screws specially coated for corrosion-resistance.

**LISTINGS** — Listed and labeled to UL standards. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). UL Listed for 25°C ambient; 150S and below. UL Listed for wet location. IP65 rated.

**BUY AMERICAN** — This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type

**CONTOUR**  
SERIES

Floodlighting

**TFR**



METAL HALIDE: 400W  
HIGH PRESSURE SODIUM: 150W - 400W

*Specifications*

Height: 10-1/2 (26.7)

Width: 17-5/8 (44.8)

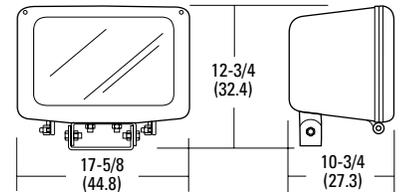
Depth: 12-3/4 (32.4)

\*Weight: 27 lbs (13.2 kg)

EPA: 1.3ft<sup>2</sup>

\*Weight as configured in example below.

All dimensions are inches (centimeters) unless otherwise specified.



**ORDERING INFORMATION**

For shortest lead times, configure product using **standard options (shown in bold)**.

**Example:** TFR 400M RB TB SCWA LPI

TFR		Series		Wattage		Distribution		Voltage		Ballast		Mounting			
TFR	Metal halide	400M <sup>1</sup>	High pressure sodium <sup>2</sup>	RB (6 X 6)	120	<b>(blank)</b> Magnetic ballast	Shipped installed	<b>(blank)</b> Yoke	Shipped separately <sup>4,5</sup>	EY Extended yoke <sup>6</sup>	FRWB Radius wall bracket <sup>7</sup>	FSAB Steel angle bracket <sup>6</sup>	FSPB Steel square pole bracket <sup>7</sup>	FTS Tenon slipfitter (2-3/8" to 2-7/8" OD tenon) <sup>6</sup>	FWPB Wood mounting bracket <sup>6</sup>
				RC (5 X 5)	208										
					240										
					277										
					347										
	480	<b>SCWA</b> Super SCWA pulse start ballast	<b>IS</b> Integral slipfitter (2-3/8" OD tenon)												
		<b>400S</b>													
		<b>400S</b>													

Options			Finish <sup>12</sup>			Lamp (required)	
<b>Shipped installed in fixture</b>			<b>Shipped separately<sup>4</sup></b>			<b>(blank)</b> Dark bronze	
SF	Single fuse (120, 277, 347V) <sup>8</sup>	CSA Listed and labeled to comply with CSA standards	WG	Wire guard <sup>5,11</sup>	DNA	Natural aluminum	LPI Lamp included
DF	Double fuse (208, 240, 480V) <sup>8</sup>	NOM NOM Certified <sup>10</sup>	VG	Vandal guard <sup>5,11</sup>	DBL	Black	L/LP Less lamp
PER	NEMA twist-lock photoelectric receptacle <sup>9</sup>		UV	Upper visor <sup>5,11</sup>	DMB	Medium bronze	
C62	2' 16-3 SEO cord prewired		FV	Full visor <sup>5,11</sup>	DWH	White	
C42	2' 14-3 SEO cord prewired		PE1	NEMA twist-lock photocontrol (120, 208, 240V)	<b>Super durable finishes</b>		
C22	2' 12-3 SEO cord prewired		PE3	NEMA twist-lock photocontrol (347V)	DDBXD	Dark bronze	
			PE4	NEMA twist-lock photocontrol (480V)	DBLXD	Black	
			PE7	NEMA twist-lock photocontrol (277V)	DNAXD	Natural aluminum	
			SC	Shorting cap for PER option	DWHXD	White	
					DDBTXD	Textured dark bronze	
					DBLTXD	Textured black	
					DNATXD	Textured natural aluminum	
					DWHGXD	Textured white	

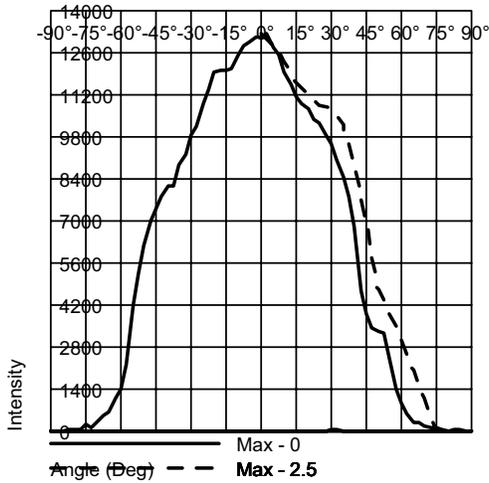
**Notes**

- CWA re quired.
- Not available with SCWA.
- Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Yoke mounting only.
- Requires IS or FTS slipfitter.
- Must specify voltage. Not available with TB.
- Photocell not included.
- Consult factory for available wattages.
- Prefix with TFR when ordered as an accessory. Field modification required unless ordered with fixture.
- See [www.lithonia.com/archcolors](http://www.lithonia.com/archcolors) for additional color options.

# TFR Floodlight

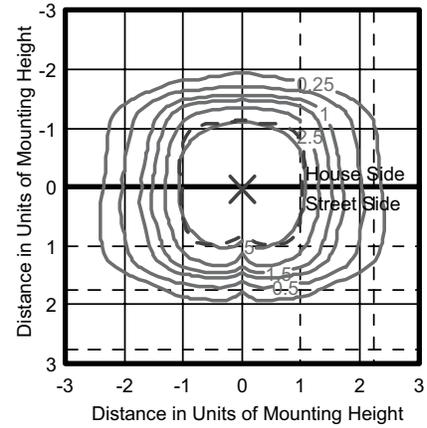
**TFR 400M TA**, 400W pulse start metal halide lamp, 40,000 rated lumens, test no. 1197100301P

Cartesian Plot



**ISOILLUMINANCE PLOT (FC)**

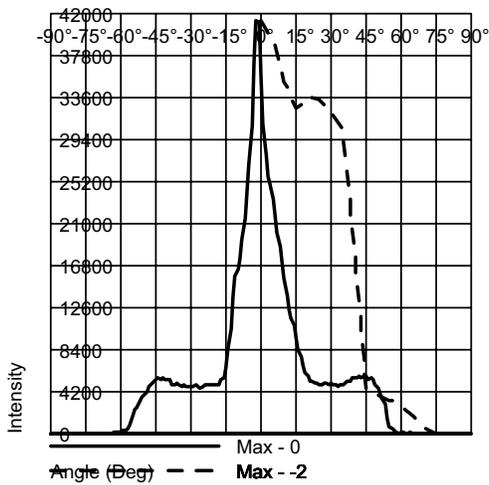
Mounting Height = 20 ft.  
Classification: Unclassified (Type NC, Very Short), Cutoff



X Maximum Intensity  
--- 1/2 Maximum Intensity

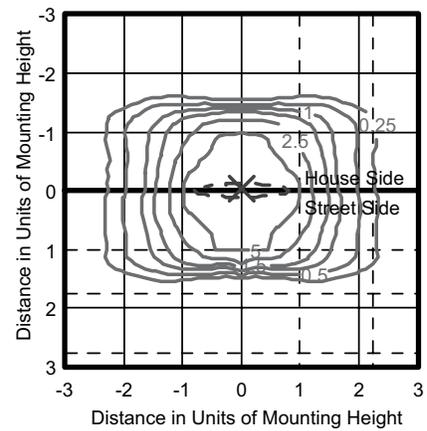
**TFR 400M RC**, 400W pulse start metal halide lamp, 40,000 rated lumens, test no. 1197082602P

Cartesian Plot



**ISOILLUMINANCE PLOT (FC)**

Mounting Height = 20 ft.  
Classification: Unclassified (Type I, Very Short), Cutoff



X Maximum Intensity  
--- 1/2 Maximum Intensity

## Notes

- 1 Photometric data for other distributions can be accessed at [www.lithonia.com](http://www.lithonia.com).
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet based on the most current available data and are subject to change without notice.
- 3 For electrical characteristics, consult outdoor technical data specification sheets on [www.lithonia.com](http://www.lithonia.com).
- 4 Actual performance may differ as a result of end-user environment and application.

## Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

15 ft. = 1.77

25 ft. = .64

30 ft. = .44