

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 250–400W. Metal halide: Super CWA (pulse start ballast), DOE 2017 compliant, is required for metal halide 250–400W (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; 40°C for 250M or 150S and below. UL Listed for wet location. IP65 rated.

WARRANTY — 1-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.asp

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: 250W - 400W
HIGH PRESSURE SODIUM: 150W - 400W

Specifications

Height: 10-1/2 (26.7)

Width: 17-5/8 (44.8)

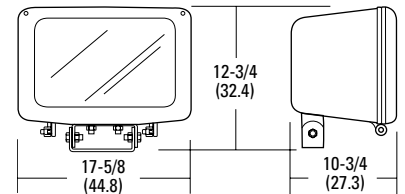
Depth: 12-3/4 (32.4)

*Weight: 27 lbs (13.2 kg)

EPA: 1.3ft²

*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 TA TB SCWA LPI

TFR	Series	Wattage	Distribution	Voltage	Ballast	Mounting
TFR	Metal halide	High pressure sodium 250M ^{1,2} 400M ¹	TA (7 X 6) ⁴ RB (6 X 6) RC (5 X 5)	120 208 ⁵ 240 ⁵ 277 347 480 ⁵ TB ⁶ 23050HZ ⁷	(blank) Magnetic ballast CWI Constant wattage isolated ⁷ Super SCWA pulse start ballast Note: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	Shipped installed (blank) Yoke IS Integral slipfitter (2-3/8" OD tenon)
						Shipped separately ^{8,9} EY Extended yoke ¹⁰ FRWB Radius wall bracket ¹¹ FSAB Steel angle bracket ¹⁰ FSPB Steel square pole bracket ¹¹ FTS Tenon slipfitter (2-3/8" to 2-7/8" OD tenon) ¹⁰ FWPB Wood mounting bracket ¹⁰

Options	Finish ¹⁶	Lamp ¹⁸
Shipped installed in fixture SF Single fuse (120, 277, 347V) ¹² DF Double fuse (208, 240, 480V) ¹² EC Emergency circuit ¹³ QRS Quartz restrike system ¹³ PER NEMA twist-lock photoelectric receptacle ¹⁴ C62 2' 16-3 SEO cord prewired C42 2' 14-3 SEO cord prewired C22 2' 12-3 SEO cord prewired	(blank) Dark bronze DNA Natural aluminum DBL Black DMB Medium bronze DWH White CRT Non-stick protective coating ¹⁷ Super durable finishes DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	LPI Lamp included L/LP Less lamp
CF Charcoal filter CSA Listed and labeled to comply with CSA standards NOM NOM Certified ⁷ INTL Available for MH probe start shipping outside the U.S. REGC1 California Title 20 effective 1/1/2010 Shipped separately ⁸ WG Wire guard ^{9,15} VG Vandal guard ^{9,15} UV Upper visor ^{9,15} FV Full visor ^{9,15} PE1 NEMA twist-lock photocontrol (120, 208, 240V) PE3 NEMA twist-lock photocontrol (347V) PE4 NEMA twist-lock photocontrol (480V) PE7 NEMA twist-lock photocontrol (277V) SC Shorting cap for PER option		

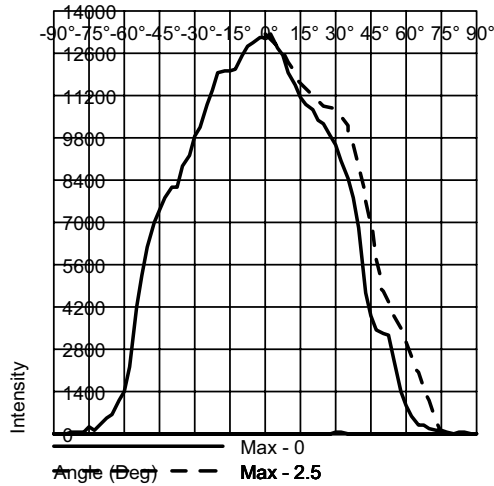
Notes

- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance.
- 250M REGC1 in not available in 347 or 480V.
- Not available with SCWA.
- Not available with 150S.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347.
- Consult factory for available wattages.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Must specify voltage. Not available with TB.
- Maximum allowable wattage lamp included.
- Photocell not included.
- Prefix with TFR when ordered as an accessory. Field modification required unless ordered with fixture.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.
- Must specify.

TFR Floodlight

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

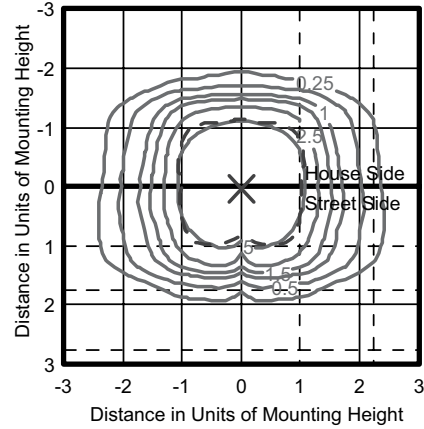
Cartesian Plot



ISOILLUMINANCE PLOT (FC)

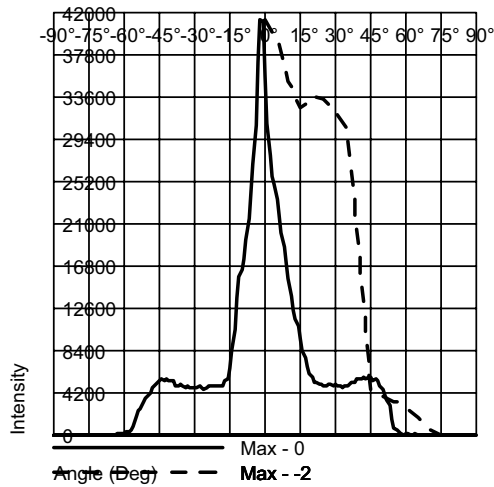
Mounting Height = 20 ft.

Classification: Unclassified (Type NC, Very Short), Cutoff



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

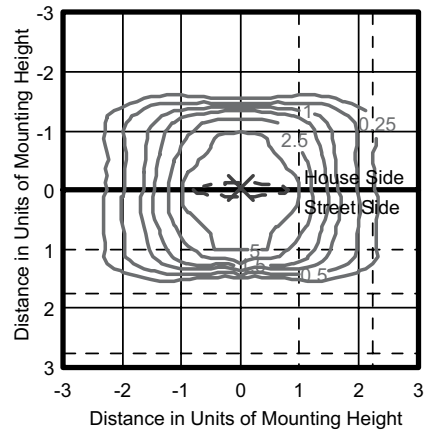
Cartesian Plot



ISOILLUMINANCE PLOT (FC)

Mounting Height = 20 ft.

Classification: Unclassified (Type I, Very Short), Cutoff



Notes

- 1 Photometric data for other distributions can be accessed at 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.
- 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