

FEATURES & SPECIFICATIONS

INTENDED USE — Use for industrial yards, parking lots, construction sites, and signage.

CONSTRUCTION — NEMA heavy-duty construction. Contoured die-cast aluminum housing and front bezel. Bezel is hinged and latched for fast, easy "no-tool" internal access to optical and electrical compartments.

Finish: Standard finish is dark bronze (DDB) corrosion resistant polyester powder finish with other architectural colors available.

OPTICS — Precision die-formed specular anodized aluminum reflector provides high efficiencies with vertical or horizontal lamp orientation. Premium one-piece silicone gasket seals optical chamber to inhibit entrance of outside contaminants. Lamp support standard with horizontally lamped 1000W units.

Lens: heavy-duty, thermal shock-resistant clear tempered glass with no metal-to-glass contact.

ELECTRICAL — Ballast: high power factor constant-wattage autotransformer. Super CWA pulse start ballast required for 200M, (SCWA option). Super CWA Pulse Start ballasts, DOE 2017 compliant, are required for 250-1000W (must order SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US. Ballast is 100% factory-tested. Electrical components are mounted to rear housing for maximum heat dissipation, accessible through front bezel.

Socket: Porcelain, vertically or horizontally-oriented, mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

INSTALLATION — Front bezel "no-tool" latches are easily operable while wearing heavy work gloves. Corrosion-resistant, heavy-duty painted steel mounting yoke included.

LISTINGS — UL Listed (standard). CSA certified (See Options). NOM certified (See Options). UL listed for 25°C ambient and wet locations. IP65 rated.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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

TFA

METAL HALIDE: 200W - 1000W
HIGH PRESSURE SODIUM: 250W - 1000W

Specifications

Overall height: 24-3/8 (61.9)

Overall width: 24 (61.0)

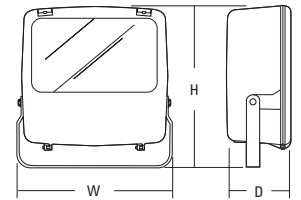
Depth: 10 (25.4)

*Weight: 65lbs(29.5 kg)

EPA: 2.6ft²

*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: TFA 1000M TA TB SCWA LPI

TFA	Wattage		Distribution		Voltage	Ballast	Mounting	
TFA	Metal halide	High pressure sodium ⁴	Horizontal	Vertical	120	(blank) Magnetic ballast	Shipped installed	
	200M ¹	250S	TA (7 X 7)	RE (4 X 4) ⁶	208 ⁸	CWI Constant wattage isolated ¹⁰	(blank) Yoke	Shipped separately ^{11,12}
	250M ^{2,3}	400S	RN (6 X 3)	RC (5 X 5) ^{6,7}	240 ⁸	 SCWA Super SCWA pulse start ballast Note: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	IS Integral slipfitter (2-3/8" to 2-7/8" OD tenon)	FTS Tenon slipfitter (2-3/8" to 2-7/8" OD tenon) ¹³
	400M ^{2,3}	750S		RM (6 X 5)	277			FRWB Radius wall bracket ¹⁴
	1000M ^{3,4}	1000S ⁵		RB (6 X 6)	347			FSAB Steel angle bracket ¹³
				TA2 (7 X 6)	480⁸			FSPB Steel square pole bracket ¹⁴
					TB⁹		FWPB Wood pole bracket ¹³	
					23050HZ ¹⁰			

Options				Finish ¹⁹			Lamp (required)	
Shipped installed in fixture		PER	NEMA twist-lock photo-electric receptacle ¹⁷	Shipped separately ¹¹		(blank) Dark bronze	DNAXD Natural aluminum	LPI Lamp included
SF	Single fuse (120, 277, 347V) ¹⁵	TP	Tamper proof latches	FV	Full visor ^{12, 18}	DWH White	DWHXD White	L/LP Less lamp
DF	Double fuse (208, 240, 480V) ¹⁵	CSA	CSA certified	UV	Upper visor ^{12, 18}	DBL Black	DDBTXD Textured dark bronze	
CF	Charcoal filter	NOM	NOM certified ¹⁰	VG	Vandal guard ^{12, 18}	DMB Medium bronze	DBLBXD Textured black	
C62	2' 16-3 SEO cord prewired	INTL	Available for MH probe start shipping outside the U.S.	WG	Wire guard ¹⁸	DNA Natural aluminum	DNATXD Textured natural aluminum	
C42	2' 14-3 SEO cord prewired	REGCI	California Title 20 effective 1/1/2010	PE1	NEMA twist-lock photocontrol (120, 208, 240V)	CRT Non-stick protective coating ²⁰	DWHGXD Textured white	
C22	2' 12-3 SEO cord prewired			PE3	NEMA twist-lock photocontrol (347V)	Super Durable Finishes		
EC	Emergency circuit ¹⁶			PE4	NEMA twist-lock photocontrol (480V)	DDBXD Dark bronze		
QRS	Quartz restrrike system ¹⁶			PE7	NEMA twist-lock photocontrol (277V)	DBLXD Black		
QRSTD	Quartz time delay ^{10, 16}			SC	Shorting cap for PER option			

Notes

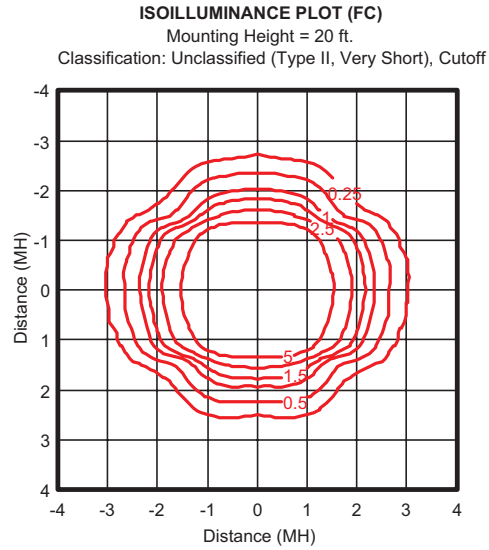
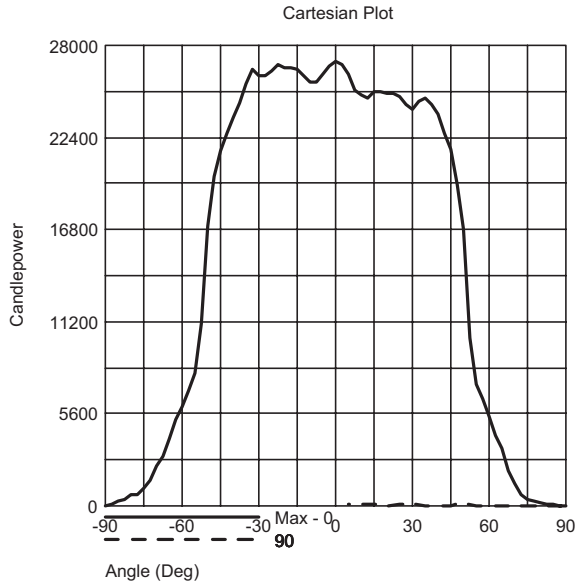
- Must be ordered with SCWA.
- These wattages require the REGCI option to be chosen for shipments into California for Title 20 compliance. 250M REGCI in not available in 347 or 480V.
- SCWA required in the US.
- 1000W vertical and 1000M SCWA horizontal distributions require a reduced jacketed lamps.
- N/A with SCWA. 750S — must specify voltage (120, 208, 240, 277, 347 or 480).

- N/A with 1000S or 750S.
- N/A with 1000M.
- 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.
- Yoke-mount only.

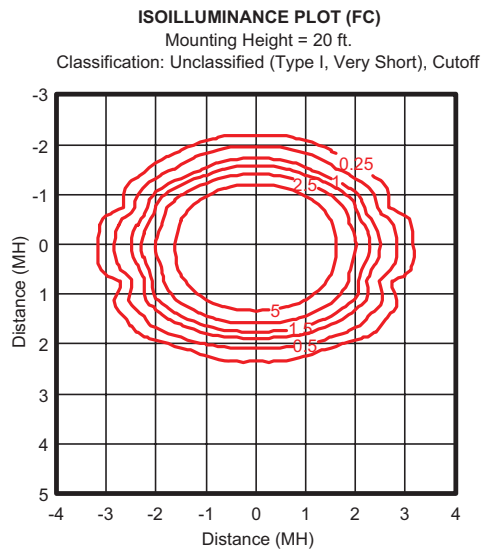
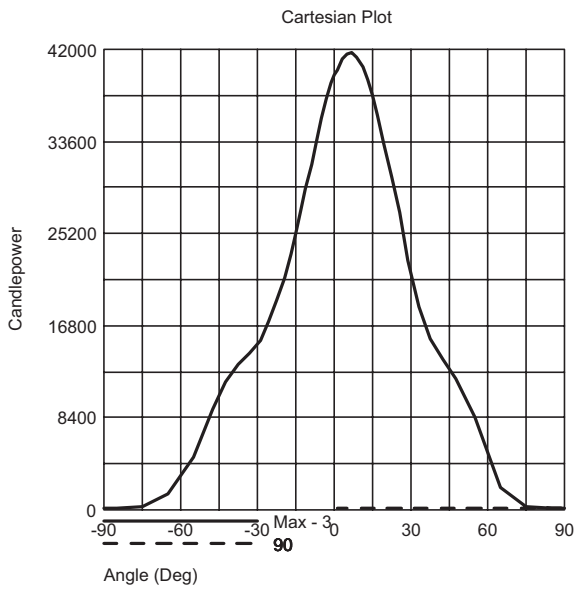
- Requires IS or FTS.
- Must specify voltage. N/A with TB.
- Max allowable wattage lamp included.
- Photocell not included.
- Prefix with TFA when ordered as an accessory. Field modification required unless ordered with fixture.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.

TFA Floodlight

TFA 1000M TA, 1000W metal halide lamp, 107800 rated lumens, test no. 97121701



TFA 1000M TA2, 1000W metal halide lamp, 110000 rated lumens, test no. LTL11697



ELECTRICAL CHARACTERISTICS

Wattage/ballast	Primary voltage	Line current (amps) start/operating	Primary dropout voltage	Input watts	Power factor (%)	Regulation Line V = Lamp lumens
	120	5.90/9.20	70			
	208	3.40/5.30	120			
1000 CWA	240	2.90/4.60	140	1070	90+	±10% = ±10%
Peak-lead	277	2.50/4.00	160			
	480	1.50/2.30	280			

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 are based on the most current available data and are subject to change without notice.

Notes

- 1 Photometric data for other distributions can be accessed from the Lithonia Lighting website. (www.Lithonia.com)
- 2 For electrical characteristics, consult outdoor technical data specifications on www.lithonia.com.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

25 ft. = 1.44

35 ft. = .73

40 ft. = .56

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}} \right)^2 = \text{Correction Factor}$$