LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

CONTOUR SERIES

Floodlighting

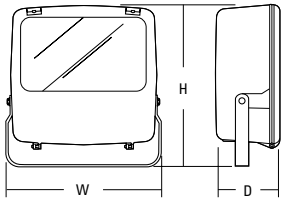
TFA

400W - 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.



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 ballasts, DOE 2017 compliant, are required for 400-1000W (must order SCWA option). 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.

BUY AMERICAN ACT — 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 for additional information.

WARRANTY — 1-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

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

BAA

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

Example: TFA 1000M TA TB SCWA LPI

TFA						
Series	**Wattage**		**Distribution**		**Voltage**	**Ballast**
TFA	Metal halide **400M**[1] **1000M**[1,2]	High pressure sodium[3] 250S 400S 750S[4] **1000S**[2]	Horizontal **TA** (7 X 7) RN (6 X 3)	Vertical RE (4 X 4)[5] RC (5 X 5)[5] RM (6 X 5) RB (6 X 6) TA2 (7 X 6)	120 208 240 277 **347** **480** **TB**[6]	**(blank)** Magnetic ballast **SCWA** Super SCWA pulse start ballast

Mounting	
Shipped installed	Shipped separately[7,8]
(blank) Yoke	FTS Tenon slipfitter (2-3/8" to 2-7/8" OD tenon)[9]
IS Integral slipfitter (2-3/8" to 2-7/8" OD tenon)	FRWB Radius wall bracket[10]
	FSAB Steel angle bracket[9]
	FSPB Steel square pole bracket[10]
	FWPB Wood pole bracket[9]

Options

Shipped installed in fixture
- SF Single fuse (120, 277, 347V)
- DF Double fuse (208, 240, 480V)
- C62 2' 16-3 SEO cord prewired
- C42 2' 14-3 SEO cord prewired
- C22 2' 12-3 SEO cord prewired

- PER NEMA twist-lock photo-electric receptacle[11]
- **CSA** CSA certified
- NOM NOM certified[12]

Shipped separately[7]
- FV Full visor[8,13]
- UV Upper visor[8,13]
- VG Vandal guard[8,13]
- WG Wire guard[13]
- 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

Finish[14]
- **(blank)** Dark bronze
- **DWH** White
- **DBL** Black
- DMB Medium bronze
- **DNA** Natural aluminum

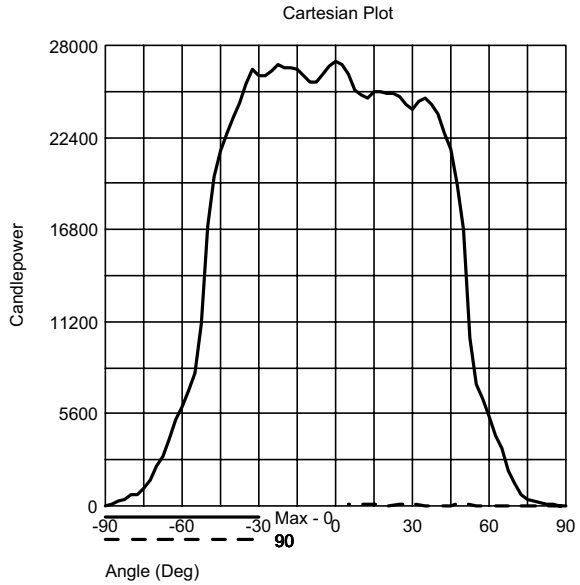
Super Durable Finishes
- DDBXD Dark bronze
- DBLXD Black
- DNAXD Natural aluminum
- DWHXD White
- DDBTXD Textured dark bronze
- DBLBXD Textured black
- DNATXD Textured natural aluminum
- DWHGXD Textured white

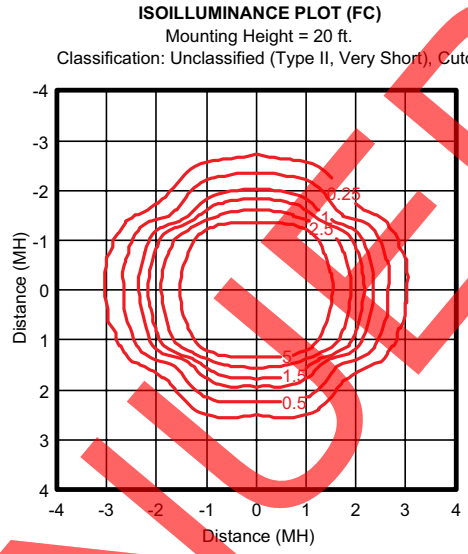
Lamp *(required)*
- **LPI** Lamp included
- **L/LP** Less lamp

Notes
1. SCWA required.
2. 1000W vertical and 1000M SCWA horizontal distributions require a reduced jacketed lamps.
3. N/A with SCWA. 250S not available with 480V. 400S or 1000S are not available with 347V.
4. 750S — must specify voltage (120, 208, 240, 277, 347 or 480).N/A with 1000M.
5. RE, RC not available 750W or 1000W.
6. Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347.
7. May be ordered as an accessory.
8. Must specify finish when ordered as an accessory.
9. Yoke-mount only.
10. Requires IS or FTS.
11. Photocell not included.
12. Consult factory for available wattages.
13. Prefix with TFA when ordered as an accessory. Field modification required unless ordered with fixture.
14. See www.lithonia.com/archcolors for additional color options.

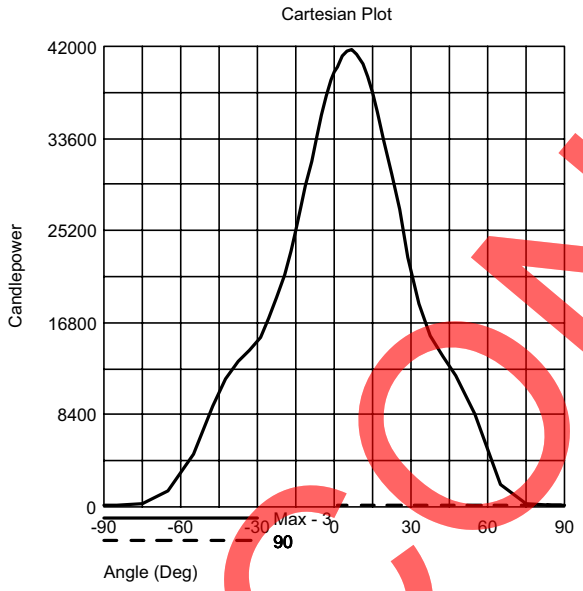
TFA Floodlight

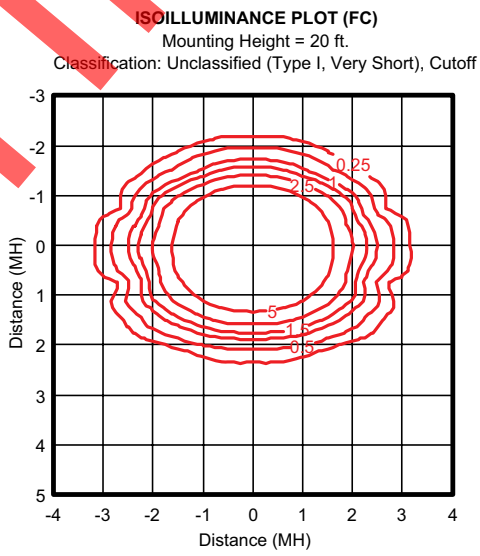
TFA 1000M TA, 1000W metal halide lamp, 107800 rated lumens,test no. 97121701





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

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