

## 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, 320M, 350M, 750M, 775M & 875M (SCWA option). Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 200-400W (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](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Note: 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)

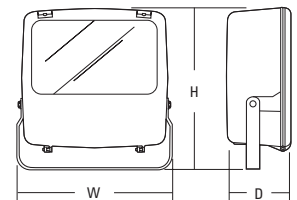
Depth: 10 (25.4)

\*Weight: 65lbs(29.5 kg)

EPA: 2.6ft<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:** TFA 1000M TA TB LPI

TFA		Distribution		Voltage	Ballast	Mounting		
<b>TFA</b>	<b>Metal halide</b> 200M <sup>1</sup> 250M <sup>2</sup> 320M <sup>1</sup> 350M <sup>1,3</sup> <b>400M<sup>2</sup></b> 750M <sup>1,4</sup> 775M <sup>1,5</sup>	875M <sup>1,5</sup> <b>1000M<sup>6</sup></b> <u>High pressure sodium<sup>7</sup></u>	<b>Horizontal</b> <b>TA</b> (7 X 7) RN (6 X 3)	<b>Vertical</b> RE (4 X 4) <sup>8</sup> RC (5 X 5) <sup>8,9</sup> RM (6 X 5) RB (6 X 6) TA2 (7 X 6)	120 208 <sup>10</sup> 240 <sup>10</sup> 277 <b>347</b> <b>480<sup>10</sup></b> <b>TB<sup>11</sup></b> 23050HZ <sup>12</sup>	<b>(blank)</b> Magnetic ballast CWI Constant wattage isolated  <b>SCWA</b> Super SCWA pulse start ballast Note: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	<b>Shipped installed</b> <b>(blank)</b> Yoke <b>IS</b> Integral slipfitter (2-3/8" to 2-7/8" OD tenon)	<b>Shipped separately<sup>13,14</sup></b> FTS Tenon slipfitter (2-3/8" to 2-7/8" OD tenon) <sup>15</sup> FRWB Radius wall bracket <sup>16</sup> FSAB Steel angle bracket <sup>15</sup> FSPB Steel square pole bracket <sup>16</sup> FWPB Wood pole bracket <sup>15</sup>

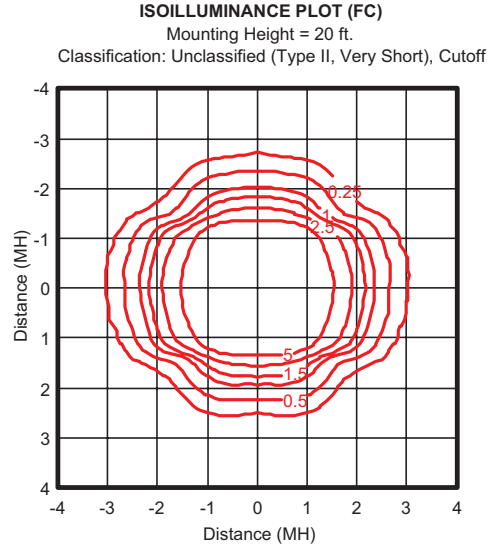
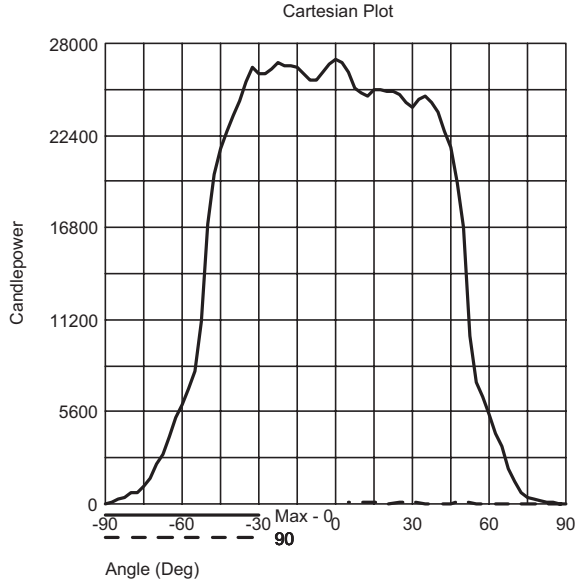
Options		Finish <sup>21</sup>		Lamp (required)
<b>Shipped installed in fixture</b> SF Single fuse (120, 277, 347V) <sup>17</sup> DF Double fuse (208, 240, 480V) <sup>17</sup> CF Charcoal filter C62 2' 16-3 SEO cord prewired C42 2' 14-3 SEO cord prewired C22 2' 12-3 SEO cord prewired EC Emergency circuit <sup>18</sup> QRS Quartz restrrike system <sup>18</sup> QRSTD Quartz time delay <sup>12,18</sup>	PER NEMA twist-lock photo-electric receptacle <sup>19</sup> TP Tamper proof latches <b>CSA</b> CSA certified NOM NOM certified <sup>12</sup> INTL Available for MH probe start shipping outside the U.S. REGCI California Title 20 effective 1/1/02010	<b>Shipped separately<sup>13</sup></b> FV Full visor <sup>14,20</sup> UV Upper visor <sup>14,20</sup> VG Vandal guard <sup>14,20</sup> WG Wire guard <sup>20</sup> 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	<b>(blank)</b> Dark bronze <b>DWH</b> White <b>DBL</b> Black DMB Medium bronze <b>DNA</b> Natural aluminum CRT Non-stick protective coating <sup>22</sup> <b>Super Durable Finishes</b> DDBXD Dark bronze DBLXD Black	DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white <b>LPI</b> Lamp included <b>L/LP</b> Less lamp

**Notes**

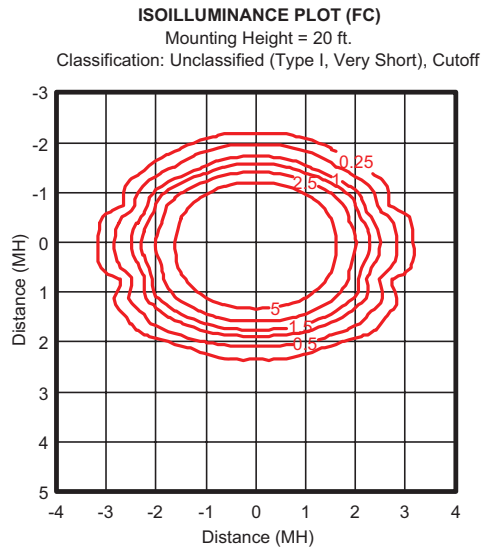
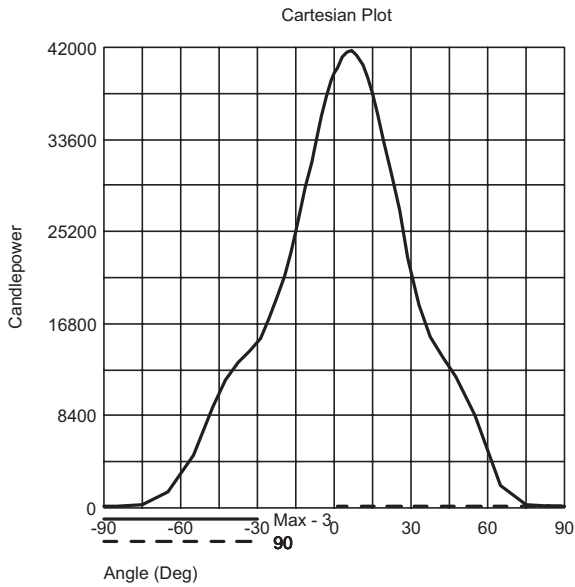
- Must be ordered with SCWA.
- These wattages require the REGCI option to be chosen for shipments into California for Title 20 compliance. 250M REGCI is not available in 347 or 480V.
- These wattages do not comply with California Title 20 regulations.
- N/A with vertical distributions.
- Must specify voltage (120, 208, 240, 277, 347 or 480). Not available with TB. 208, 240, and 480V not available in Canada.
- 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 750M, 775M, 875M or 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](http://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			

## Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

25 ft. = 1.44

35 ft. = .73

40 ft. = .56

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

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](http://www.Lithonia.com))
- 2 For electrical characteristics, consult outdoor technical data specifications on [www.lithonia.com](http://www.lithonia.com).



TFA-M-S