

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for signs, flags, building facades and landscaping.

CONSTRUCTION — Compact NEMA heavy-duty construction. Die-cast aluminum housing & front bezel. Bezel removable via position-oriented hinge-cam design. Lens is thermal and shock-resistant, 1/8" clear tempered glass.

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

OPTICS — Three distributions from very wide to medium narrow are available. RB and RG reflectors (horizontal lamp) feature one-piece anodized aluminum-faceted parabolic construction (semi-specular or specular) for high performance and efficiency. TA reflectors (vertical lamp) are highly effective die-formed semi-specular aluminum.

ELECTRICAL — Ballast: High Pressure Sodium — Reactor normal power factor ballast is standard for 35S, 50S or 70S 120V (HX — HPF is optional for 50S or 70S 120V only). All other voltages are standard high reactance, high power factor. Metal halide — High reactance, high power factor for 50-100W and standard with pulse start ignitor technology. All ballasts are 100% factory-tested. Electrical components are mounted to the cast aluminum housing, promoting maximum heat dissipation.

Socket: Porcelain, horizontally- or vertically-oriented, medium base socket with copper alloy, nickelplated screw shell with center contact.

INSTALLATION — Die-cast aluminum 1/2" NPSM threaded mounting knuckle is standard. Steel painted mounting yoke is optional.

LISTINGS — UL Listed. CSA and NOM Certified (see Options). UL Listed for wet locations and 25°C ambient temperature. 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 |



RB, RG



TA

CONTOUR
SERIES

Floodlighting

TFM

METAL HALIDE: 50-100W
HIGH PRESSURE SODIUM: 35-150W

Specifications

Height (includes knuckle):
10-5/8 (26.9)

Width: 10-5/8 (26.9)

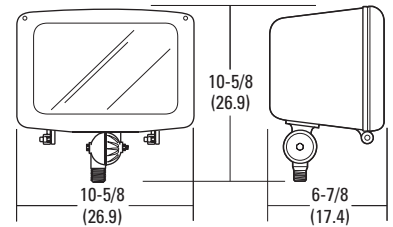
Depth: 6-7/8 (17.5)

*Weight: 14.05 lbs (6.37kg)

EPA: 0.5 ft²

*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: TFM 100M RB TB LPI

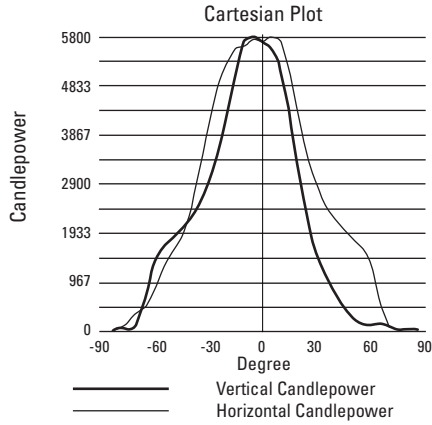
| TFM | Series | Wattage | Distribution | Voltage | Ballast | Mounting | Options | Finish ¹⁰ | Lamp ¹² |
|-----|--|---------|--------------|------------------------|---|---|--|---|--------------------|
| TFM | Metal halide 70M 100M Ceramic metal halide 70MHC 100MHC High pressure sodium 35S ¹ 50S ² 70S ² 100S 150S | | TA (7 X 6) | 120 | (blank) Magnetic ballast | Shipped installed | Shipped installed in fixture | (blank) Dark bronze | LPI Lamp included |
| | | | RB (6 X 6) | 208 ³ | CWI Constant wattage isolated ⁵ | (blank) Knuckle | SF Single fuse (120, 277, 347V) ⁸ | DNA Natural aluminum | L/LP Less lamp |
| | | | RG (3 X 3) | 240 ³ | XHP High-reactance HPF ballast ⁶ | YK Yoke mounting | DF Double fuse (208, 240, 480V) ⁸ | DBL Black | |
| | | | | 277 | | Shipped separately ⁷ | PE Photocell | DMB Medium bronze | |
| | | | | 347 | | TFMTS Tenon slip-fitter (2-3/8" OD tenon) | C62 2' 16-3 SEO cord prewired | DGC Charcoal gray | |
| | | | | 480³ | | | C42 2' 14-3 SEO cord prewired | DSS Sandstone | |
| | | | | TB⁴ | | | C22 2' 12-3 SEO cord prewired | DWH White | |
| | | | | 23050HZ ⁵ | | | CSA CSA Certified | DWHX Non-stick protective coating ¹¹ | |
| | | | | | | | NOM NOM Certified ⁵ | Super durable finishes | |
| | | | | | | | Shipped separately ^{7,9} | DDBXD Dark bronze | |
| | | | | | | | WG Wire guard | DBLXD Black | |
| | | | | | | | VG Vandal guard | DNAXD Natural aluminum | |
| | | | | | | | UV Upper visor | DWHXD White | |
| | | | | | | | FV Full visor | DBBTXD Textured dark bronze | |
| | | | | | | | | DBLBSD Textured black | |
| | | | | | DNATXD Textured natural aluminum | | | | |
| | | | | | DWHGXD Textured white | | | | |

Notes

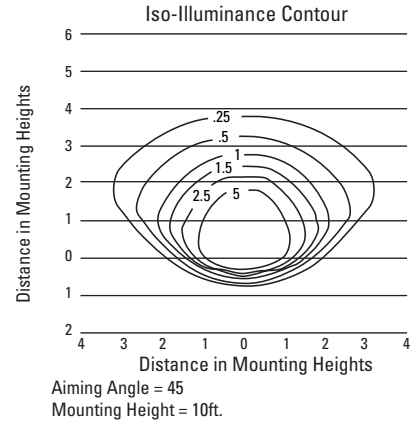
- 35S is available only with 120V. Not available with XHP.
- High reactance, HPF ballast (XHP) is available with 50S or 70S, 120V only.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347.
- Consult factory for available wattages.
- XHP is available with 50S or 70S, 120V only.
- May be ordered as an accessory. Must specify finish when ordered as an accessory.
- Must specify voltage. Not available with TB, or with TA distribution.
- Prefix with TFM when ordered as an accessory.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.
- Must be specified. L/LP not available with MHC.

TFM Floodlight

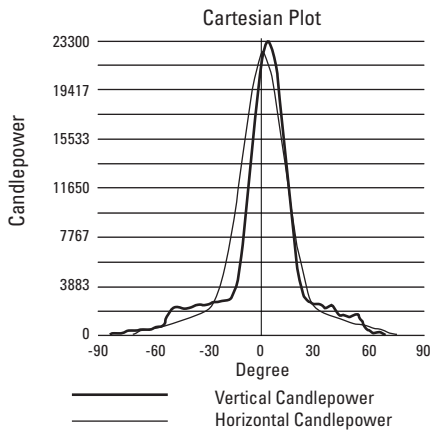
TFM 150S TA, (vertical lamp), 150W high pressure sodium lamp, 15800 rated lumens, test no. 98061202



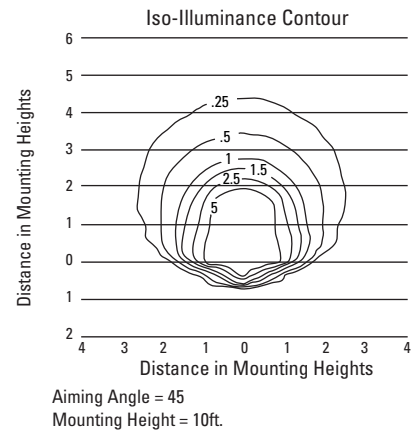
Nema type: 7H x 6V
Beam spread: 131 H x 103V
Beam efficiency 10%: 48.2%
Beam flux 10% (lumens): 7622
Maximum candela: 5800



TFM 150S RG, (vertical lamp), 150W high pressure sodium lamp, 16000 rated lumens, test no. 97060903.



Nema type: 4H x 4V
Beam spread: 57 H x 70V
Beam efficiency 10%: 35.0%
Beam flux 10% (lumens): 5604
Maximum candela: 23300



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.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

| 10' mounting height | 20' mounting height |
|---------------------|---------------------|
| 15 ft. = .44 | 10 ft. = .4 |
| 20 ft. = .25 | 15 ft. = 1.78 |
| 25 ft. = .16 | 25 ft. = .64 |

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