

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 (Not available with 175M).

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 50-150W and standard with pulse start ignitor technology and constant-wattage autotransformer for 175W. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available 175M SCWA. 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 or 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: Specifications subject to change without notice.

Catalog Number
Notes
Type

CONTOUR
SERIES

Floodlighting

TFM



RB, RG



TA

METAL HALIDE: 50-175W
HIGH PRESSURE SODIUM: 35-150W

Specifications

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

Width: 10-5/8 (26.9)

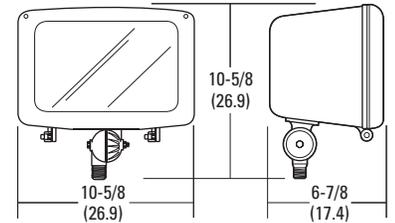
Depth: 6-7/8 (17.5)

*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 ⁵	Lamp ¹⁷
TFM	Metal halide	TA (7 X 6)	120	(blank) Magnetic ballast	Shipped installed	Shipped installed in fixture	(blank) Dark bronze	LPI Lamp included	
	50M ¹	RB (6 X 6)	208 ⁶	CWI Constant wattage isolated	(blank) Knuckle	SF Single fuse (120, 277, 347V) ¹³	DNA Natural aluminum	L/LP Less lamp	
	70M¹	RG (3 X 3)	240 ⁶	XHP High-reactance HPF ballast ⁹	YK Yoke mounting	DF Double fuse (208, 240, 480V) ¹³	DBL Black		
	100M¹		277	 SCWA Super SCWA pulse start ballast ¹⁰		PE Photocell	DSB Steel blue		
	150M		347			C62 2' 16-3 SEO cord prewired	DMB Medium bronze		
	175M ^{1,2,3}		480⁶		TFM TS Tenon slip-fitter (2-3/8" OD tenon)	C42 2' 14-3 SEO cord prewired	DGC Charcoal gray		
	Ceramic metal halide		TB⁷			C22 2' 12-3 SEO cord prewired	DTG Tennis green		
	50MHC ¹		23050HZ ⁸			CSA CSA Certified	DBR Bright red		
	70MHC ¹					NOM NOM Certified ⁸	DSS Sandstone		
	100MHC ¹					INTL International shipment for 175M	DWH White		
	150MHC					Shipped separately ^{11,12,14}	CR Enhanced corrosion resistance		
	High pressure sodium ¹					WG Wire guard	CRT Non-stick protective coating ¹⁶		
	35S ⁴					VG Vandal guard			
	50S ⁵					UV Upper visor			
	70S ⁵					FV Full visor			
100S									
150S									

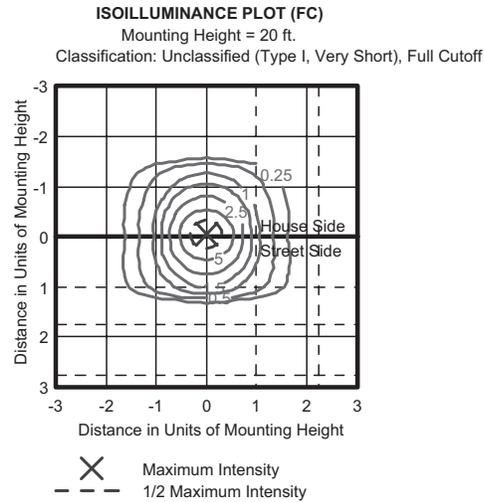
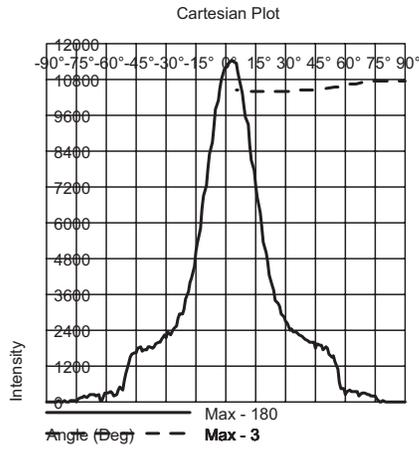
Notes

- Not available with SCWA.
- Not available with TA reflector. N/A with SCWA. Only available as probe start and CSA, NOM, or INTL is required.
- These wattages do not comply with California Title 20 regulations.
- 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.

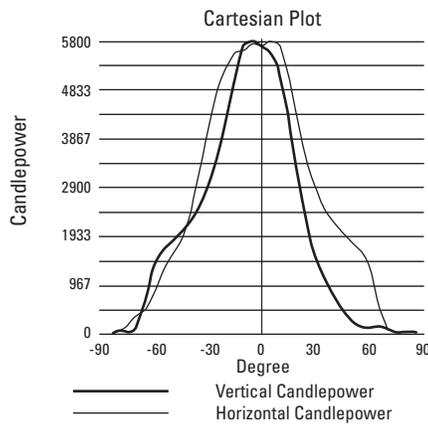
- XHP is available with 50S or 70S, 120V only.
- Available with 150M or 150MHC only.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Must specify voltage. Not available with TB, or with TA distribution. Not available with 480V or TB.
- Prefix with TFM when ordered 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

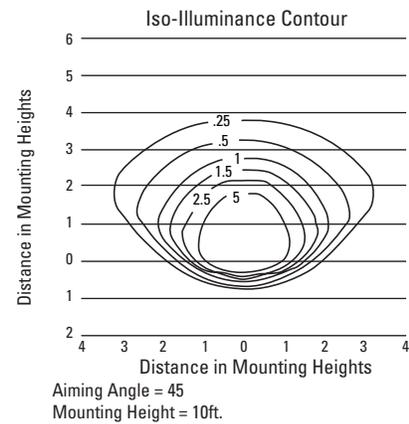
TFM 150MHC RB, (horizontal lamp), 150W ceramic metal halide lamp, 14,000 rated lumens, test no. 97020503P



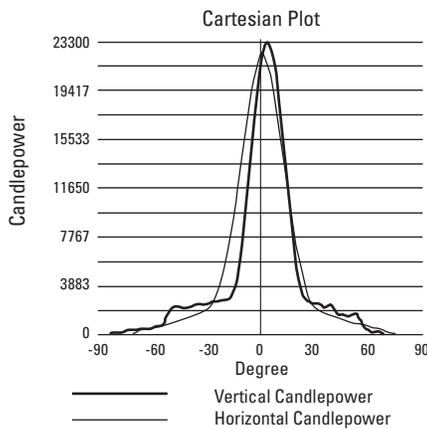
TFM 150S TA, (vertical lamp), 150W high pressure sodium lamp, 15800 rated lumens, test no. 98061202



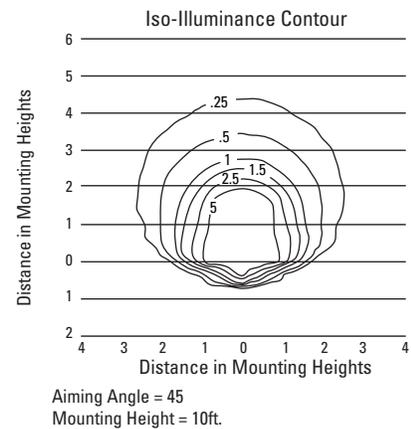
Nema type: 7H x 6V
Beam spread: 131 H x 103V
Beam efficiency 10%: 48.2%
Beam flux 10% (lumens): 7622
Maximum candela: 5800



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 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)

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

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