

FEATURES & SPECIFICATIONS

INTENDED USE — Use for recreational or competitive sports fields, parking areas and industrial yards.

CONSTRUCTION — Heavy-gauge, hydroformed, aluminum ballast housing is mounted to integral die-cast monoframe with horizontal degree aiming scale and repositioning locator. Die-cast aluminum socket housing provides vertical aiming adjustment, complete with degree aiming scale and repositioning stop.

OPTICS — Heavy-gauge, anodized, aluminum reflectors provide a range of NEMA beamspreads. Optical chamber is sealed to inhibit entrance of contaminants. Hinged lens is heavy-duty thermal shock and impact-resistant, tempered glass. Optional heavy-duty shroud also available.

ELECTRICAL — All electrical components are contained in the ballast housing that is thermally isolated from the socket housing and optical assembly. This promotes longer ballast life. Ballast is high-power factor, constant-wattage autotransformer and 100% factory-tested. Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 400W (must order SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US.

Adjustable mounting bracket standard. Porcelain, mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

INSTALLATION — Fixture is mounted by securing the integral cross-arm mounting bracket directly to the cross-arm. No additional adaptors are required. A 5/8"-11UNC mounting bolt is provided. Exposed bolt length is 1-1/2".

LISTINGS — UL listed, for 25°C ambient and wet locations. Listed and labeled to comply with Canadian Standards (see Options).

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type



Sportlighting

TV

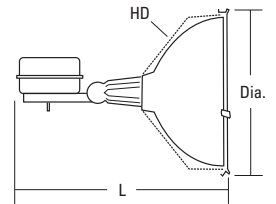
METAL HALIDE: 400W, 1000W, 1500W
HIGH PRESSURE SODIUM: 400W, 1000W

Specifications

Diameter:	NEMA 2,3:	23-1/8 (58.7)
	NEMA 4,5,6:	21-1/2 (54.6)
Length:	NEMA 2,3:	30 (76.2)
	NEMA 4,5,6:	31-1/2 (80.0)
EPA:	NEMA 2,3:	2.9 ft. ² (.27 m ²)
	NEMA 4,5,6:	2.5 ft. ² (.23 m ²)
*Weight:	53 lbs.	24 Kg.

All dimensions are inches (centimeters) unless otherwise indicated.

*Weight as configured in example below.



ORDERING INFORMATION

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

Example: TV 1500M GP4 TB

TV	Series	Wattage/lamp	Distribution	Voltage	Ballast	Mounting	
TV	TV	High pressure sodium 400S 1000S Metal halide 400M ¹ 1000M 1500M²	General purpose GP2 GP3 GP4 GP5 GP6	Heavy duty HD2 HD3 HD4 HD5 HD6	120 208 ³ 240 ³ 277 347 480 ^{3,4} TB⁵ 23050HZ ⁶	(blank) Magnetic ballast CWI Constant wattage isolated SCWA Super constant wattage autotransformer Note: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	Shipped installed (blank) 5/8" bolt Shipped separately ⁷ WC Wood cross-arm mounting bolt (5/8"-11 UNC exposed length 6-3/4", total length 8") TVTS Tenon slipfitter ⁸

Options	Finish ¹⁶
<p>Shipped installed in fixture</p> <p>C22 2 ft. of 12-3 SE0 cord pre-wired</p> <p>C42 2 ft. of 14-3 SE0 cord pre-wired</p> <p>C62 2 ft. of 16-3 SE0 cord pre-wired</p> <p>CV3P 3 ft. of 16-3 SE0 cord pre-wired with three-prong plug for use with pre-wired cages and cross-arms⁹</p> <p>PER NEMA Twist-lock receptacle only¹⁰</p> <p>QRS Quartz restrike system^{11,12}</p> <p>SF Single fuse (120, 277, 347V)¹³</p> <p>DF Double fuse (208, 240, 480V)¹³</p> <p>AH Above horizontal aiming</p>	<p>(blank) Dark bronze</p> <p>DWH White</p> <p>DBL Black</p> <p>DNA Natural aluminum</p> <p>CR Enhanced corrosion-resistance</p> <p>CRT Non-stick protective coating¹⁷</p>
<p>CF Charcoal filter¹⁴</p> <p>LS Lamp support</p> <p>SLR Stainless steel lens ring</p> <p>CSA Listed and labeled to comply with Canadian Standards</p> <p>INTL Available for MH probe start shipping outside the U.S.</p> <p>NOM NOM Certified⁶</p> <p>REGC1 California Title 20 effective 1/1/2010</p> <p>IBL Internal bottom louver¹⁵</p>	<p>Shipped separately⁷</p> <p>SC Shorting cap</p> <p>PE1 NEMA twist-lock PE (120, 208, 240V)</p> <p>PE3 NEMA twist-lock PE (347V)</p> <p>PE4 NEMA twist-lock PE (480V)</p> <p>PE7 NEMA twist-lock PE (277V)</p> <p>UV Upper visor⁸</p>

NEMA	BEAM SPREAD
2	25°H X 24°V
3	43°H X 42°V
4	65°H X 65°V
5	86°H X 86°V
6	102°H X 104°V

- Notes**
- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance.
 - Not available with SCWA.
 - Requires CWI ballast option in Canada.
 - 400M not available with 480V, probe start.
 - Multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada). Ships as 120/347.
 - Consult factory for available wattage.
 - May be ordered as an accessory.
 - Must specify finish when ordered as an accessory.

- WC option must be ordered. Not available with 1500W-120V.
- Must be ordered with the fixture. N/A 1500M.
- Maximum allowable wattage lamp included.
- Not available with 1500M 480V.
- Must specify voltage. Not available with TB.
- For use with heavy-duty shroud only.
- Cannot be ordered with UV option.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.

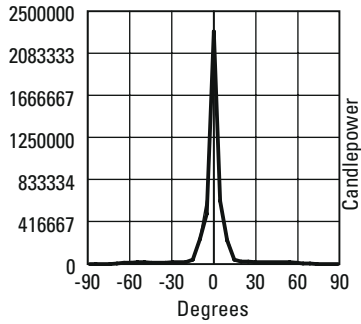
TV Metal Halide Sportlighting

— Vertical Candlepower
 — Horizontal Candlepower

TV 1500M GP/HD2

Test No. 1195020593
 155000 Lumens

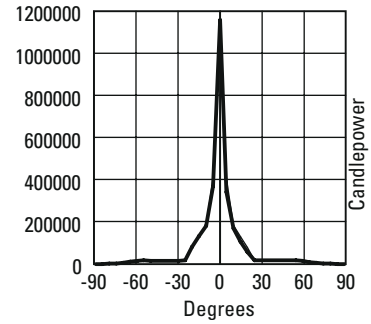
NEMA Type : 2 H x 2 V
 10% Maximum Candela
 21°H x 20°V
 50% Maximum Candela
 6°H x 5°V



TV 1500M GP/HD3

Test No. 1195020594
 155000 Lumens

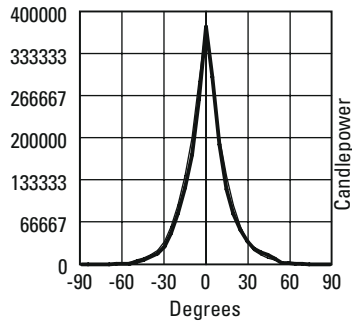
NEMA Type : 3 H x 3 V
 10% Maximum Candela
 33°H x 31°V
 50% Maximum Candela
 7°H x 7°V



TV 1500M GP/HD4

Test No. 1195020590
 155000 Lumens

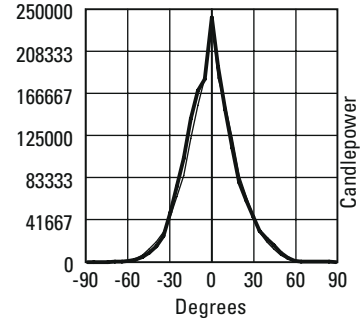
NEMA Type : 4 H x 4 V
 10% Maximum Candela
 59°H x 57°V
 50% Maximum Candela
 22°H x 19°V



TV 1500M GP/HD5

Test No. 1195020592
 155000 Lumens

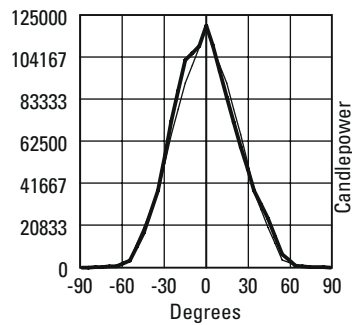
NEMA Type : 5 H x 5 V
 10% Maximum Candela
 74°H x 74°V
 50% Maximum Candela
 30°H x 31°V



TV 1500M GP/HD6

Test No. 1195020591
 155000 Lumens

NEMA Type : 5 H x 6 V
 10% Maximum Candela
 100°H x 101°V
 50% Maximum Candela
 54°H x 54°V



Notes

- 1 For electrical characteristics, consult outdoor technical data specifications on www.lithonia.com.
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory and actual field measurements. Dimensions and specifications are based on the most current data and are subject to change.
- 3 Photometric data for other distributions can be accessed from www.lithonia.com.