

**Intended Use**

For areas that require vertical illumination and glare control at low mounting heights. Ideal for general open areas, retail spaces and aisles. **Certain airborne contaminants can diminish integrity of acrylic.** Refer to **Acrylic Environmental Compatibility tables on pages 794-795** for suitable uses.

**Construction**

Rugged, heavy-duty, die-cast aluminum with white polyester powder finish. Electrical components horizontally opposed and heat-sunk to ballast housing for cooler operation. Integral splice box mounting flange ensures structural integrity.

**Optics**

Injection-molded, virgin acrylic lens and highly reflective, white polyester powder painted reflector. UV stabilized. Hinge and lens retainer latches facilitate tool-less removal for maintenance and cleaning. Continuously gasketed refractor and reflector inhibits entrance of outside contaminants.

**Electrical**

Ballast: All ballasts are 100% factory tested. HPS: Constant wattage autotransformer. MH: 150-400W fixtures shipped within the U.S. require super CWA pulse start ballasts which are 88% efficient and EISA-legislation compliant (must specify SCWA option). CSA, NOM or INTL options required

for probe start shipments outside the U.S.

Socket: Vertically oriented mogul base protected exclusionary "PINK" socket with copper alloy, nickel-plated screw shell and center contact. For use with 0-rated, protected metal halide lamps only.

**Installation**

Pendant splice box: Removable cast-aluminum box slides on integral die-cast aluminum housing mounting flange and mounts to 3/4" pendant conduit prior to ballast housing installation. Matching wire access cover accepts RELOC® modular wiring. Complete assembly meets or exceeds UL 50-pound pull test.

Optic Mounting Four 8-32 zinc-plated, tri-lobular, thread-rolling screws are arranged concentrically around the lamp socket. 16 gauge, galvanized steel support ring with matching keyhole pattern for vibration-resistant mounting.

**Listings**

UL listed -30°C to 40°C ambient operations and damp locations. 55°C high ambient (HA option) available. (HA not available on TXD A23). UL wet location available. Consult factory. UL listed to U.S. and Canadian safety standards. NOM Certified.

**TX A23**  
**TXD A23**  
Hi-Tek®



**ORDERING INFORMATION**

For shortest lead times, configure products using **bolded options**.

**Example: TX 400MP A23 TB SCWA**

| Series           | Lamp type                | Reflector | Voltage              |
|------------------|--------------------------|-----------|----------------------|
| TX               | Protected metal halide   | A23       | TB <sup>5</sup>      |
| TXD <sup>1</sup> | High pressure sodium     |           | 120                  |
|                  | 175MP                    |           | 208 <sup>2,3</sup>   |
|                  | 200MP                    |           | 240 <sup>2,3,4</sup> |
|                  | <b>250MP<sup>1</sup></b> |           | 277                  |
|                  | 320MP                    |           | <b>347</b>           |
|                  | 350MP                    |           | 480 <sup>2,3</sup>   |
|                  | <b>400MP<sup>1</sup></b> |           |                      |
|                  | 450MP                    |           |                      |

**Ballast**

Pulse start metal halide

For shipments to U.S. territories, SCWA must be specified to comply with EISA.

**SCWA** Super constant wattage autotransformer (Standard)

RLB Regulated lag ballast

Non-EISA ballast

(blank) Standard magnetic ballast<sup>6,7</sup>

CWI Constant wattage isolated<sup>6,7</sup>

MRB Magnetic regulator ballast

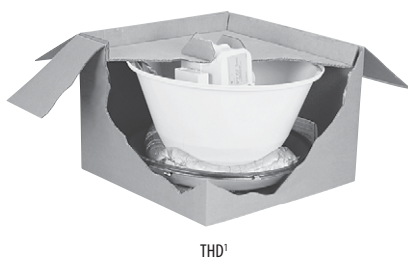
SCWI Isolated SCWA<sup>6,8</sup>

**Options**

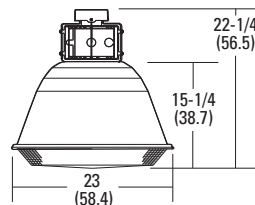
For options and accessories, see pages 433-439.

**ADDITIONAL INFORMATION**

For additional product information, visit [www.lithonia.com](http://www.lithonia.com).



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



**Notes**

- 1 TXD consists of TX housing and A23 optical assembly shipped in one carton. Available with tapped ballast only. Available only in 250MP and 400MP SCWA ballast only.
- 2 Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- 3 Requires CSI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 4 220V and 240V, 50Hz and 60Hz ballasts available for use with U.S. protected metal halide lamps.
- 5 Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada.)
- 6 Available for shipments outside of U.S. only.
- 7 175-450W metal halide only.
- 8 400W metal halide only.