

Open Aluminum Optical

TH A15

Hi-Tek®



A15

Ordering Information

Series	Wattage	Optical
TH THD ¹	High pressure sodium	A15
	70S	
	100S	
	150S	
	200S	
	250S	
	400S	
	Metal halide protected ²	
	175MP	
	200MP	
	250MP	
	320MP	
	350MP	
	400MP	
	450MP	
Metal halide		
400M		

Intended Use

For high mounting heights that require high efficiencies and horizontal illumination. Ideal for general manufacturing areas, storage areas and warehouse aisles.

Features

Housing – Rugged, heavy-duty, die-cast aluminum with white polyester powder finish. Electrical components horizontally opposed and heat-sunk to ballast housing for cooler operation.

Ballast – 100% factory tested. High power factor ballast with a minimum of class H insulation.

Optics – High-efficiency, anodized, spun aluminum reflector with exclusive fluted design that minimizes arc-tube voltage rise for optimal lamp life. Self-cleaning ventilated design that carries contaminants out top of reflector.

Socket – Glazed porcelain, vertically-oriented, mogul-base socket with copper alloy, nickel-


plated screw shell and center contact. UL Listed 1500W, 600V, 4KV pulse rated. Protected version with pink exclusionary socket.

Installation – Pendant splice box threaded for 3/4" conduit (standard). Other mounting options available.

Listings

UL Listed to U.S. and Canadian safety standards. NOM Certified. UL Listed for damp locations. Ambient operation: -30°C to 55°C (High Ambient HA option for 65°C).

Example: TH 400MP A15 TB

Voltage	Ballast
120	Metal halide and high pressure sodium (blank) Standard magnetic ballast CWI Constant wattage isolated MRB Magnetic regulator ballast  Pulse start metal halide LLRPSL Linear reactor pulse start SCWA Super constant wattage autotransformer LLSCWA Low loss SCWA RLB Regulated lag ballast SCWI Isolated SCWA See pages 384-385 for details.
208 ^{3,4}	
240 ^{3,4,5}	
277	
347	
480 ^{3,4}	
TB ⁶	
TBV ⁷	

Options/Accessories
See pages 384-385. HID lamps are available with luminaires. Consult factory.

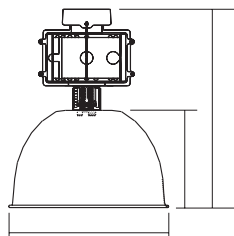
lightquick[®] XD
Express delivery products.
See page 11 for details about LightQuick XD.

Description

TH 400M A15 TB

Lamp/fixture data				
Wattage	Standard ballast	Weight		S/mtg. height
		lbs.	kgs.	
High pressure sodium (mog/clear)				
250	CWA	17	8	1.5
400	CWA	25	11	1.5
Metal halide (mog/clear)				
400	CWA	21	10	1.7

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



TH A15
Overall height:
250/400S: 19-1/2 (49.5)
400M: 21-1/4 (54.0)
Reflector height: 9 (22.9)
Diameter: 14-3/4 (37.5)



THD¹
Unitized Distributor Pack

NOTES:

- THD consists of TH housing and A15 reflector shipped in one carton. Available with tapped ballast or 480V only. Available only in 400S, 320MP, 400MP and 400M.
- See page 385 for details on protected sockets.
- Requires CWI or RLB option in Canada for metal halide. Available for 175-450W only.
- Requires CWI or MRB option in Canada for high pressure sodium. Available for 70-400W only.
- 220V and 240V 50 Hz and 60 Hz ballasts available for use with U.S. metal halide and high pressure sodium lamps.
- Optional multi-tap ballast (120V, 208V, 240V, 277V; 120V, 277V, 347V in Canada.)
- Optional five-tap ballast (120V, 208V, 240V, 277V, 480V). Available for 250W, 400W and 1000W metal halide (CWA only).

www.lithonia.com, keyword: TH-A15