LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — Use in high mounting heights that require higher efficiencies, general horizontal/high vertical illumination and premium contrast control. Ideal for light manufacturing areas, warehouse and retail aisles. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — Housing: Heavy-duty, die-cast aluminum halves. Ballast and electrical components are heat-sinked and horizontally opposed. Integral splice box mounting flange ensures structural integrity. Finish: Electrostatically-applied white polyester powder paint.

OPTICS — UV-stabilized, high-efficiency, high performance acrylic refractor yields high vertical foot-candles while maintaining low brightness. Upper collar is painted with white polyester powder paint. Optical assembly is fully adjustable and accommodates a range of light distributions, while providing approximately 20% uplight. Self-cleaning, ventilated design carries optical contaminants out through the top of refractor. Coated lamps provide optimum performance.

ELECTRICAL — Ballast: All ballasts are 100% factory tested. High Pressure Sodium: Constant wattage autotransformer; Metal Halide: D.O.E 2017 and EISA 2017 compliant Pulse Start, Super Constant Wattage Autotransformer. All US shipments must order SCWA option.

CSA, NOM or INTL required for probe start shipments outside the US.

Socket: Vertically oriented mogul base PROTECTED EXCLUSIONARY base "PINK" socket with copper alloy nickel plated screw shell and center contact. For use with "O" 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.

Optical mounting: Adjustable reflector mounting brackets are progressively die-formed of 18-gauge galvanized steel. For areas where reflectors are subject to impact (gymnasiums, etc.) order FWG (full wireguard) accessory

LISTINGS — UL Listed -30°C to 40°C ambient operations and damp locations. Listed and labeled to comply with Canadian standards and NOM certified (see Options).

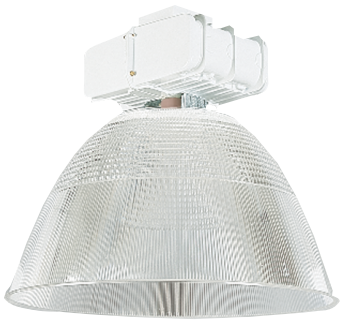
WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Open High Bay Industrial Lighting

TH PA25



ACRYLIC OPTICAL
PROTECTED METAL HALIDE
875W
HIGH PRESSURE SODIUM
1000W

25' to 45' mounting

Specifications

Installed height: 23 to 25-3/4 (58.4 to 65.4)

Installed width: 25-1/2 (64.7)

All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: TH 875MP PA25 TB

TH		PA25					
Series	**Wattage**	**Reflector**	**Voltage**	**Ballast**		**Options**	
TH	Protected metal halide 875MP High pressure sodium 1000S	PA25	120 208 [1] 240 [1] 277 347 480 TB [2]	(blank) Standard magnetic ballast [4] CWI Constant wattage isolated [4] MRB Magnetic regulator ballast Pulse Start HID Ballast/Lamp Systems Note: For shipments to US Territories, SCWA must be specified to comply with EISA. SCWA Super constant wattage autotransformer RLB Regulated lag ballast SCWI Isolated SCWA [4]		Shipped installed in fixture SF Single fuse (120, 277, 347V) [3,5] DF Double fuse (208, 240, 480V) [3,5] EC Emergency circuit [5,6,7] QRS Quartz restrike system [5,6,7] QRSTD QRS time delay (consult factory) [5,6,7] CR Corrosion-resistant finish TOB Through-wire outlet box LCPP Loop, cord, plug requires TPH, PPH LC3P Loop, 3' cord, 15A NEMA twist-lock plug [3,9,10] HC3P Hook, 3' cord, 15A NEMA twist-lock plug [3,9,10] LOCS Loop, 5' white cord, RELOC OCS [3,8,9,10]	HOCS Hook, 5' white cord, RELOC OCS [3,8,9,10] LOCU Loop, 5' white cord, RELOC OCU [3,8,9,10] HOCU Hook, 5' white cord, RELOC OCU [3,8,9,10] TR Remote ballast RC3NP TR with prewired 3' cord [3] KW1S KiloWatch II with integral sensor CSA Listed and labeled to comply with Canadian standards NOM NOM certified (Consult factory) INTL International shipments

Accessories: *Order as separate catalog number.*

SCK	60" safety chain kit	HKMG	Grommeted fixture hook male
HKF	Fixture hook female	LPM	Fixture loop male
LPF	Fixture loop female	LPMG	Grommeted fixture loop male
TMB	Twin-mounting bar (consult factory)	TPH	Through-wire power hook
SMB	Single mounting bar (consult factory)	PPH	Pendant power hook
HKM	Fixture hook male	FWG	Full wire guard

Notes

1 If ordering for use in Canada, an isolated ballast (Option SCWI) must be ordered.
2 Optional multi-tap ballast (120, 208, 240, 277V in U.S. or 120, 277, 347V for Canada).
3 Must specify voltage or tap position.
4 Available for shipments outside of US only.
5 Option is not field-installable; must be factory-installed.
6 Lamp not included.
7 See Product Selection Guide (QRS Lamp Wattage Table) for maximum lamp wattage.
8 May be ordered with 10', 15' and 20' cords. For black cord, specify **BK** (i.e. **HOCSBK**).
9 20A standard 480V.
10 For specific ordering information, see Product Selection Guide.

PHOTOMETRICS

See www.lithonia.com.

ELECTRICAL CHARACTERISTICS						
Wattage/ Ballast	Primary voltage	Line current (Amps) Start/ Operating	Primary dropout voltage	Input watts	Power factor %	Regulation line V = Lamp lumens
1000 CWA Peak-lead	120	5.90/9.20	70	1070	90+	±10% = ±10%
	208	3.40/5.30	120			
	240	2.90/4.60	140			
	277	2.50/4.00	160			
	480	1.50/2.30	280			

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 are based on the most current available data and are subject to change without notice.
*Since Article 210-22 of the NEC considers starting current as a non-continuous load, a 277 20 amp circuit can be loaded to 125% of the continuous load or 20 amps. 9 LLR luminaires with a 2.10 starting current results in a 18.9 non-continuous load.

Energy: (Calculated in accordance with NEMA Standards LE-5)					
LER.HID	Annual energy cost	Lamp description	Lamp lumens	Ballast factor	Input watts
89.1	$2.69	MH1000C/U	100,000	1	1070

INDUSTRIAL: One Lithonia Way, Conyers, GA 30012 Phone: 800-315-4963 Fax: 770-981-8191 www.lithonia.com