

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 footcandles 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. PA22L enclosed optical utilizes a clear, tempered-glass lens. Glass lens does not meet UL lamp rupture containment requirements. Hinged and latched for easy maintenance. 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. Adjustable reflector mounting brackets are progressively die-formed of 18-gauge galvanized steel.

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.) add FWG (full wireguard) accessory.

LISTINGS — UL Listed -30°C to 55°C ambient operations and damp locations. Listed and labeled to comply with Canadian standards. NOM Certified (see Options).

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

Catalog Number
Notes
Type

Open High Bay Industrial Lighting

TH PA22



**ACRYLIC OPTICAL
PROTECTED METAL HALIDE
200W - 400W
HIGH PRESSURE SODIUM
250W - 400W
18' to 30' mounting**

Specifications

Installed height: 20-5/8 to 26 (52.5 to 66.7)

Installed width: 22-3/8 (56.8)

All dimensions are inches (centimeters) unless otherwise indicated.

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

ORDERING INFORMATION

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

Example: TH 400MP PA22 120 SCWA

TH	Wattage			Reflector		Voltage	Ballast
TH	Metal halide	Metal halide - Title 20 ³	High pressure sodium	PA22	Standard	120	(blank) Standard magnetic ballast ⁸
	200MP ²	200MP	250S	PA22L	Lensed	208 ^{4,5}	CWI Constant wattage isolated ⁸
	250MP ¹	320MP	400S			240 ^{4,5,6}	MRB Magnetic regulator ballast
	320MP ²					277	Pulse Start
	350MP ^{1,2}					347	Note: For shipments to US Territories, SCWA must be specified to comply with EISA.
	400MP ¹					480 ^{4,5}	SCWA Super constant wattage autotransformer
						TB ⁷	RLB Regulated lag ballast ⁸
							SCWI Isolated SCWA ⁸

Options

Shipped installed in fixture	HA	65°C ambient operation	LOCS	Loop, 5' white cord, RELOC OCS ^{9,14}	ENC	Encapsulated CWA ballast (Consult factory for availability)
SF Single fuse (120, 277, 347V) ^{9,10}	CR	Corrosion-resistant finish. Housing only	HOCS	Hook, 5' white cord, RELOC OCS ^{9,14}	KW1S	KiloWatch II with integral sensor
DF Double fuse (208, 240, 480V) ^{9,10}	TOB	Through-wire outlet box	LOCU	Loop, 5' white cord, RELOC OCU ^{7,9,13,14}	CSA	Listed and labeled to comply with Canadian standards
EC Emergency circuit ^{10,11,12}	LCPP	Loop, cord, plug requires TPH, PPH ⁹	HOCU	Hook, 5' white cord, RELOC OCU ^{7,9,13,14}	NOM	NOM Certified (Consult factory)
QRS Quartz restrrike system ^{10,11,12}	LC3P	Loop, 3' cord, 15A NEMA twist-lock plug ^{9,13}	TR	Remote ballast ¹⁵	INTL	International shipments
QRSTD QRS time delay ^{10,11,12}	HC3P	Hook, 3' cord, 15A NEMA twist-lock plug ^{9,13}	RC3NP	TR with prewired 3' cord ⁹		

Accessories: Order as separate catalog number.

SCK	60" safety chain kit	LPM	Fixture loop male
HKF	Fixture hook female	LPMG	Grommeted fixture loop male
LPF	Fixture loop female	TPH	Through-wire power hook
HKM	Fixture hook male	PPH	Pendant power hook
HKMG	Grommeted fixture hook male	FWG	Full wire guard

Notes

- In order to comply with California Title 20 regulations for metal halide fixtures, these metal halide wattages must be ordered with KW1S option for sale to California.
- Not available with 480V.
- These wattages comply with California Title 20.
- Requires CWI or RLB option in Canada for MH. Available in 175-400W.
- Requires CWI or MRB option in Canada for HPS. Available in 70-400W.
- 220V and 240V 50Hz and 60Hz ballasts available for use with US metal halide lamps.
- Optional multi-tap ballast (120, 208, 240, 277V). For voltage specific options specify tap position (TB1=120V, TB2=208V, TB3=240V, TB4=277V).

⁸ Available for shipments outside of US only.

⁹ Must specify voltage or tap position.

¹⁰ Option is not field-installable; must be factory-installed.

¹¹ Lamp not included.

¹² See Product Selection Guide (QRS Lamp Wattage Table) for maximum lamp wattage.

¹³ 20A standard 480V.

¹⁴ May be ordered with 10', 15' and 20' cords. For black cord, specify BK (i.e. HOC5BK).

¹⁵ For specific ordering information, see Product Selection Guide.

TH PA22 High Bay

PHOTOMETRICS

See www.lithonia.com.