

FEATURES & SPECIFICATIONS

INTENDED USE — For controlled environments that require vertical and high horizontal illumination. Ideal for retail areas, light manufacturing areas and aisles. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Housing made of heavy-duty, die-cast aluminum halves. Ballast and electrical components are heat-sunk and horizontally opposed. Integral splice box mounting flange ensures structural integrity.

Finish: Electrostatically applied white polyester powder paint.

OPTICS — Injection-molded, UV stabilized virgin acrylic reflector. Tempered glass lens. Enclosed design with integral flange includes corrosion-resistant hinge and latches allowing easy maintenance. Provides approximately 10% uplight. Coated lamps provide optimal performance. Consult factory for compatibility with corrosive materials. Meets UL lamp rupture containment specifications. Meets UL lamp rupture containment specifications.

ELECTRICAL — Ballast: All ballasts are 100% factory tested. HPS: Constant wattage autotransformer; MH: Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 250-450W (must order SCWA option) for US shipments only. 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.

Optic Mounting: Four 8-32 zinc-plated, tri-lobular, threaded-rolling screws are arranged concentrically around the lamp socket. 16-gauge, die-formed steel plate with matching keyhole slot pattern for vibration-resistant mounting. For areas where reflectors are subject to impact (gymnasiums, etc.) add FWG (full wireguard) to catalog number.

LISTINGS — UL listed -30°C to 40°C ambient operations and damp locations. Wet location available. Listed and labeled to comply with Canadian Standards. NOM Certified (see Options).

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

Specifications subject to change without notice.

Catalog Number
Notes
Type

Low Bay Industrial Lighting

TX PA22GLE

ACRYLIC OPTICAL

PROTECTED METAL HALIDE

175W - 450W

HIGH PRESSURE SODIUM

250W - 400W

14' to 22' mounting



Specifications

Height: 24-3/4 (62.9)

Width: 22-3/8 (56.8)

Weight: 35.8 lbs (16.3 kg)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

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

Example: TX 250MP PA22GLE TB 120 SCWA

TX	PA22GLE				
Series	Lamp type	Reflector	Voltage	Ballast	Options
TX	<u>High pressure sodium</u> 250S 400S <u>Protected metal halide</u> 175MP ^{14,15} 250MP¹⁵ 320MP 350MP ¹⁵ 400MP¹⁵ 450MP ¹⁵ <u>Protected metal halide- Title 20¹⁶</u> 320MP	PA22GLE	120 208 ^{1,2} 240 ^{1,2,3} 277 347 480 ^{1,2} TB⁴	Pulse Start  NOTE: For shipments to U.S. Territories, SCWA must be specified to comply with EISA SCWA Standard magnetic ballast RLB Regulated lag ballast SCWI Isolated SCWA ⁵ (blank) Standard magnetic ballast ⁵ CWI Constant wattage isolated ⁵ MRB Magnetic regulator ballast	Shipped installed in fixture SF Single fuse (120, 277, 347V) ⁷ DF Double fuse (208, 240, 480V) ⁷ EC Emergency circuit ^{8,9} QRS Quartz restrike system ^{8,9} QRSTD QRS time delay ^{8,9} HA 55°C ambient operation TOB Through-wire outlet box ¹³ LCPP Loop, cord, plug requires TPH, PPH ^{7,13} LC3P Loop, 3' cord, 15A NEMA twistlock plug ^{7,10,13} HC3P Hook, 3' cord, 15A NEMA twistlock plug ^{7,10,13} LOCS Loop, 5' white cord, RELOC [®] OCS ^{7,11,13} HOCS Hook, 5' white cord, RELOC OCS ^{7,11,13} LOCU Loop, 5' white cord, RELOC OCU ^{6,7,10,11,12,13} HOCU Hook, 5' white cord, RELOC OCU ^{6,7,10,11,12,13}
					TR Remote ballast RC3NP TR with prewired 3' cord ^{7,13} WL Wet location UL label STSS Stainless steel screws SLR Stainless steel lens ring CF Charcoal filter ENC Encapsulated CWA ballast (consult factory for availability) KW1 KiloWatch [®] 120V control relay ^{6,13} KW4 KiloWatch 277V control relay ^{6,13} KW150 KiloWatch 120V control relay-50% light output ^{6,13} KW450 KiloWatch 277V control relay-50% light output ^{6,13} KW1S KiloWatch II with integral sensor WG Wire guard CSA Listed and labeled to comply with Canadian Standards NOM NOM Certified (Constant factory)

Accessories: Order as separate catalog number.

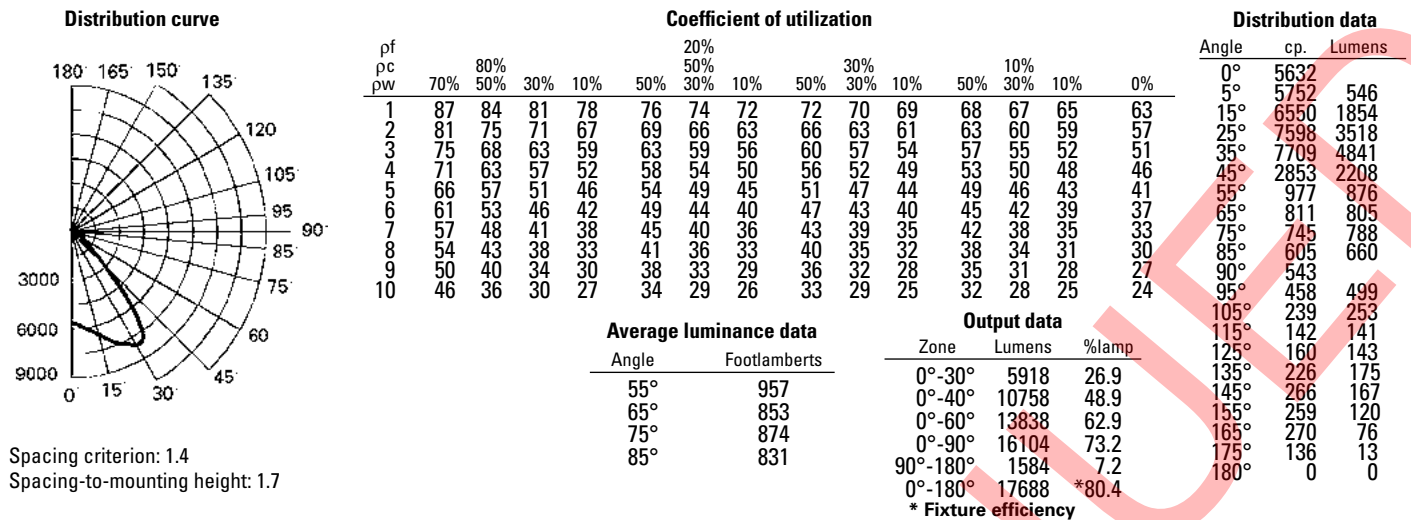
HKF	Fixture hook female ¹³	LPM	Fixture loop male ¹³
LPF	Fixture loop female ¹³	LPMG	Grommited fixture loop male ¹³
SCK	60" safety chain kit	TPH	Through-wire power hook ¹³
TMB	Twin-mounting bar ¹³ (consult factory)	PPH	Pendant power hook ¹³
HKM	Fixture hook male ¹³	FWG	Full wireguard
HKMG	Grommited fixture hook male ¹³	WKLTCAGE	Temporary worklight cage

Notes

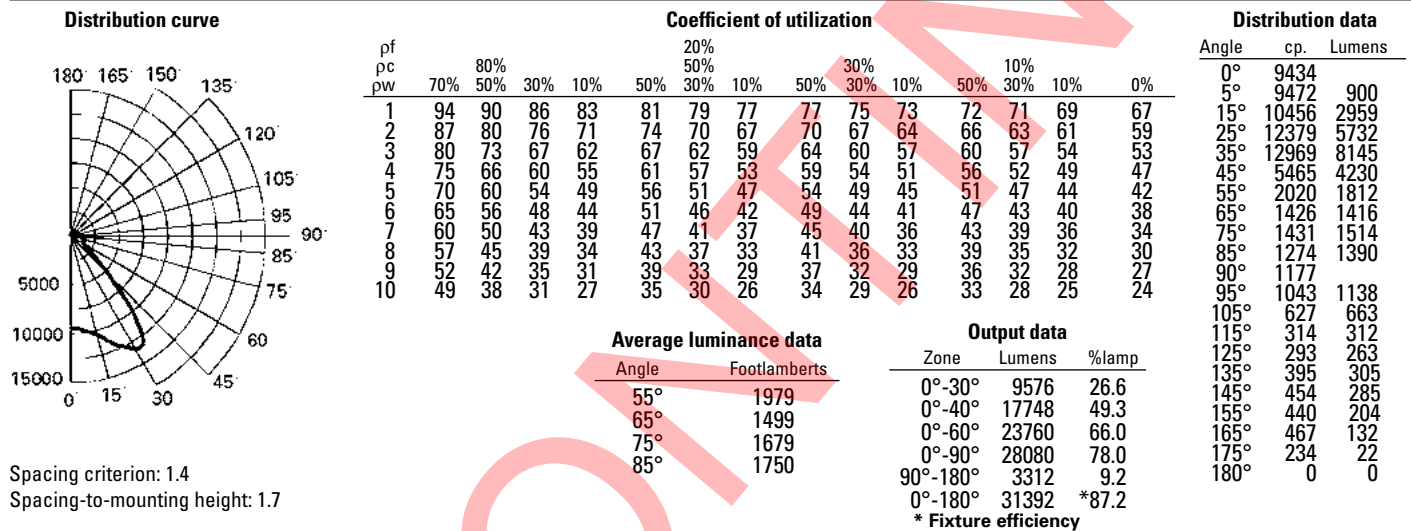
- Requires CWI or RLB option in Canada for MH. Available in 175-400W.
- Requires CWI or MRB option in Canada for HPS. Available in 70-400W.
- 220V and 240V 50Hz and 60Hz ballasts available for use with U.S. metal halide lamps.
- Optional multi-tap ballast (120, 208, 240, 277V). For voltage specific options specify tap position (TB1=120V, TB2=208V, TB3=240V, TB4=277V).
- Available for shipments outside of U.S. only.
- For specific ordering information, see Product Selection Guide.
- Must specify voltage or tap position.
- Lamp not included.
- See Product Selection Guide (QRS Lamp Wattage Table) for maximum lamp wattage.
- 20A standard 480V.
- May be ordered with 10', 15' and 20' cords. For black cord, specify **BK** (i.e. **HOCBCK**).
- When using RELOC with KiloWatch, LOCU or HOCU option must be used with TAP1KW, TAP3KW or TAP13KW. Consult factory for 208, 240, 480V.
- Not available with wet location (WL) option.
- Coated lamp not available; may experience glare with clear lamp.
- 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.
- These wattages comply with California Title 20.

TX PA22GLE Low Bay

TX 250MP PA22GLE SCWA, coated metal halide lamp, 22,000 rated lumens. Test No. 1195060913.



TX 400MP PA22GLE SCWA, coated metal halide lamp, 36,000 rated lumens. Test No. 1195032109.



ELECTRICAL CHARACTERISTICS						
Wattage /Ballast	Primary Voltage	Line current (amps) Start/operating	Primary dropout voltage	Input watts	Power factor %	Regulation Line V = Lamp lumens
250W CWA Peak-lead Autotransformer	120	2.10/2.50	55	295	+90	±10% = ±10%
	208	1.40/1.45	95			
	240	1.10/1.25	110			
	277	1.00/1.10	125			
250W CWI Constant-wattage Isolated	480	.60/.63	220	293	+90	±10% = ±10%
	120	1.05/2.65	60			
	208	.60/1.55	104			
	240	.50/1.35	120			
400W CWA Peak-lead Autotransformer	120	2.50/4.00	55	455	+90	±10% = ±10%
	208	1.45/2.30	95			
	240	1.25/2.00	110			
	277	1.10/1.75	125			
400W CWI Constant-wattage Isolated	480	.73/1.00	225	462	+90	±10% = ±10%
	120	1.30/4.20	60			
	208	.75/2.45	104			
	240	.65/2.10	120			

Using FWG option will affect performance.
Use a .9 multiplier to obtain performance data.

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.