

Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE — Use in high-mounting heights that require high efficiencies and horizontal illumination and premium glare control. Ideal for general manufacturing areas and warehouse aisles.

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

FINISH — Electrostatically applied white polyester powder paint.

OPTICAL SYSTEM — Premium spun aluminum anodized reflector combines high efficiency with extended lamp shielding and glare control. Exclusive fluted design that minimizes color shift. Self-cleaning ventilated design carries contaminants out of the top of the reflector. Optical system is adjustable and accommodates the full range of light distributions.

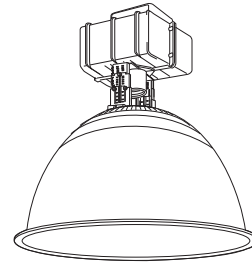
ELECTRICAL SYSTEM — Ballast: 100% factory tested. High power factor, constant-wattage autotransformer. Encased and potted solid-state igniters. 180°C Class H insulation system. Meets ANSI C82 ballast standards. (For 50 Hz availability, consult factory.)

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 — Adjustable reflector mounting brackets are progressively die-formed of 18-gauge galvanized steel.

LISTINGS — UL listed -30°C to 55°C ambient operations and damp locations. High ambient (HA option) of 65°C available. Listed and labeled to comply with Canadian Standards. NOM Certified (see Options).



Open High Bay Industrial Lighting

TH A22

ALUMINUM OPTICAL

Protected Metal Halide
875W, 1000W
High Pressure Sodium
1000W

25' to 45' mounting

Specifications

Overall height: 24 to 25 (61 to 63.5)

Width: 23-1/4 (59.1)

Weight: 56 lbs (26 kg)

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

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

Example: TH 1000MP A22 277

TH	A22				
Series	Reflector	Voltage	Ballast	Options	
TH	A22	120	(blank) Standard magnetic ballast	Shipped installed in fixture	
Wattage/lamp		208 ¹	Pulse Start <small>LED BALLASTING SYSTEM</small> NOTE: SCWA option must be selected to comply with California Title 20 regulations. SCWA also may be required to meet other states' regulations. Consult local authorities. SCWA Super constant wattage autotransformer (875MP only) ¹	SF Single fuse (120, 277, 347V) ⁴	HOC5 Hook, 5' white cord, RELOC OCS ^{4,8}
High pressure sodium		240 ¹		DF Double fuse (208, 240, 480V) ⁴	LOCU Loop, 5' white cord, RELOC OCU ^{4,7,8,9,10,11}
1000S		277		EC Emergency circuit ⁵	HOCU Hook, 5' white cord, RELOC OCU ^{4,7,8,9,10,11}
Protected metal halide		347		QRS Quartz restrike system ^{5,6}	TR Remote ballast
875MP		480 ¹		QRST QRS time delay ^{5,6}	RC3NP TR with prewired 3' cord ⁴
1000MP		TB²	HA 65°C ambient operation	KW1 KiloWatch® 120V control relay ⁹	
		TB ^{1,3}	CR Corrosion-resistant finish	KW4 KiloWatch 277V control relay ⁹	
Accessories			TEF Teflon finished reflector	KW150 KiloWatch 120V control relay-50% light output ⁹	
Order as separate catalog number.			TOBP Through-wire outlet box plug-in ⁴	KW450 KiloWatch 277V control relay-50% light output ⁹	
HKF Fixture hook female			PBP Pendant box plug-in ⁴	KW1S KiloWatch II with integral sensor	
LPF Fixture loop female			LCPP Loop, cord, plug requires TPH, PPH ⁴	GL22 Tempered glass lens ¹¹	
SCK 60" safety chain kit			LC3P Loop, 3' cord, 15A NEMA twistlock plug ^{4,7}	CSA Listed and labeled to comply with Canadian Standards	
TMB Twin-mounting bar (consult factory)			HC3P Hook, 3' cord, 15A NEMA twistlock plug ^{4,7}	NOM NOM Certified (Consult factory)	
SMB Single-mounting bar (consult factory)			LOCS Loop, 5' white cord, RELOC OCS ^{4,8}		
HKM Fixture hook male					
HKMG Grommeted fixture hook male					
LPM Fixture loop male					
LPMG Grommeted fixture loop male					
TPH Through-wire power hook					
PPH Pendant power hook					
WGA22 Wireguard					
DCY Cylinder shade					
DSQ Square shade					
DHX Hexagonal shade					

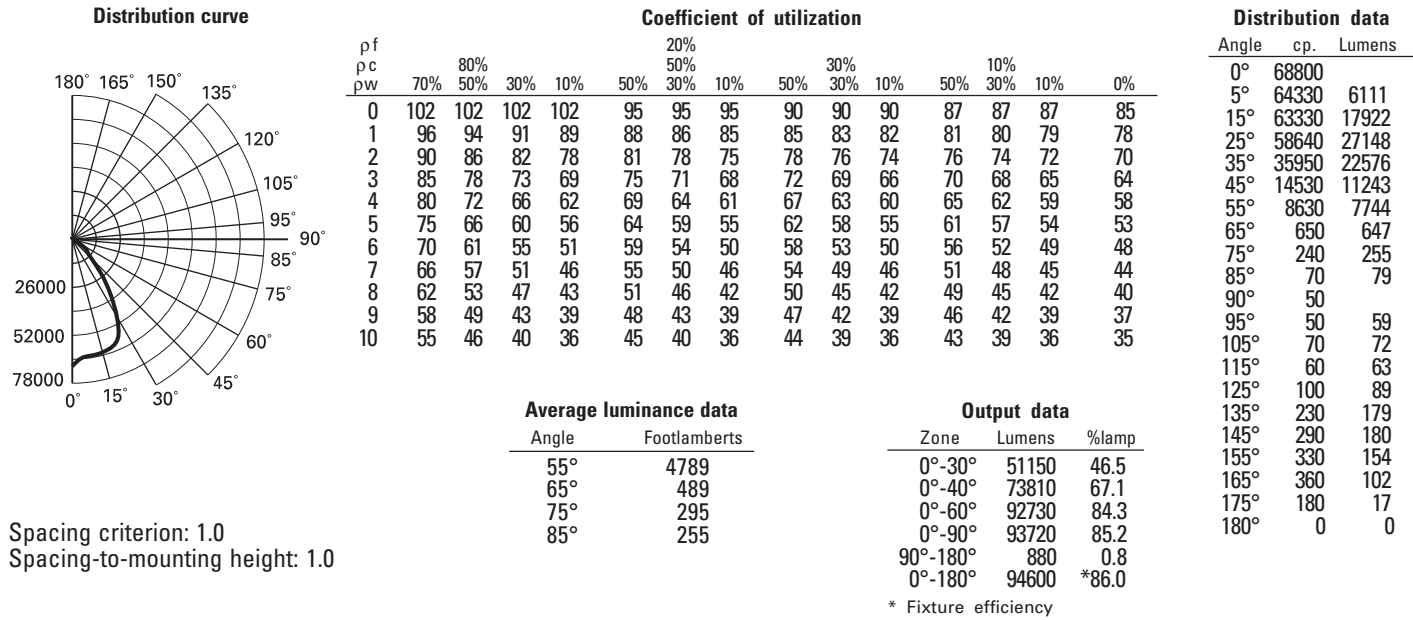
NOTES:

- Not available in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V for Canada).
- Optional 5-tap ballast (120, 208, 240, 277 and 480V; 1000M and 1000S only).
- 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. HOC5BK).
- For specific ordering information, see Product Selection Guide
- When using RELOC with KiloWatch, the LOCU or HOCU option must be used with Eor F conductors. Consult factory for 208, 240, 480V.
- Does not meet UL 1572 lamp rupture containment specifications.

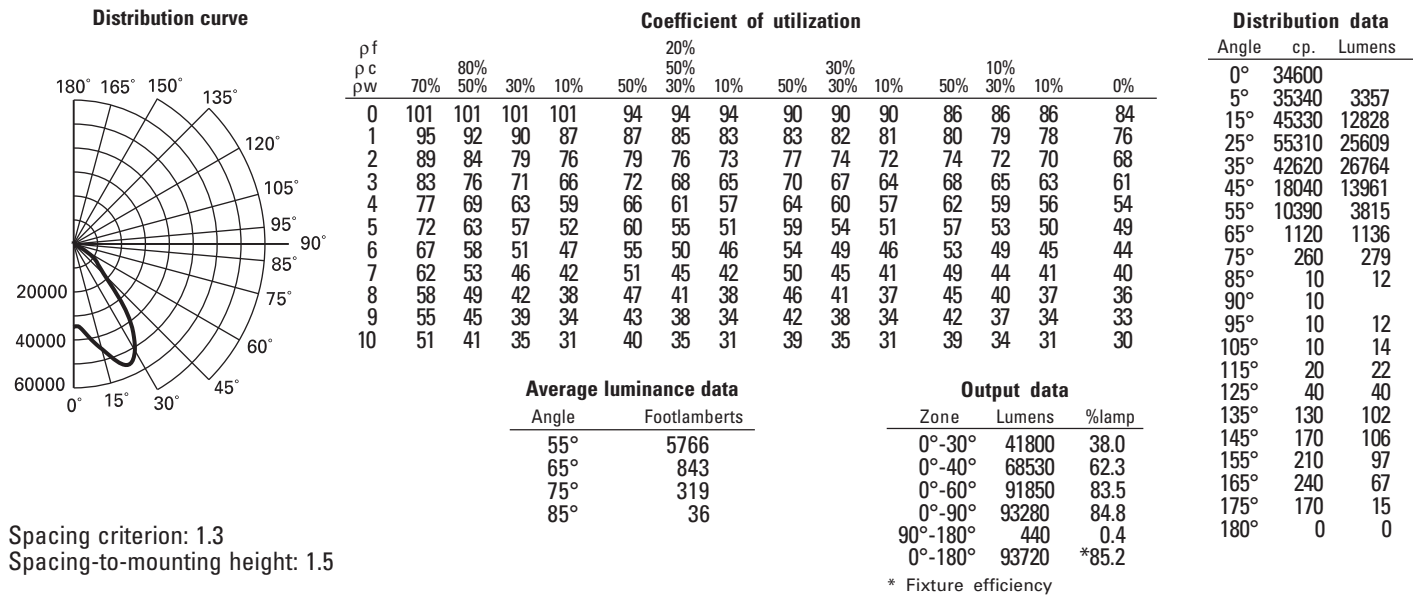
TH A22 High Bay

TH 1000M A22, leg position 12 (concentrated), 1000W metal halide lamp, 110,000 rated lumens. Test No. 11709.



Spacing criterion: 1.0
Spacing-to-mounting height: 1.0

TH 1000M A22, leg position 10 (spread), 1000W metal halide lamp, 110,000 rated lumens. Test No. 11711.



Spacing criterion: 1.3
Spacing-to-mounting height: 1.5

Electrical Characteristics

Wattage/ballast	Primary voltage	Line current (amps) start/operating	Primary dropout voltage	Input watts	Power factor (%)	Regulation Line V = Lamp lumens
	120	5.90/9.20	80			
1000 CWA	208	3.40/5.30	140			
Peak-lead	240	2.90/4.60	160	1080	90+	±10% = ±10%
	277	2.50/4.00	180			
	480	1.50/2.30	320			

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.

Energy (Calculated in accordance with NEMA Standard LE-5)

LER.HID	ANNUAL ENERGY COST	LAMP DESCRIPTION	LAMP LUMENS	BALLAST FACTOR	WATTS
87.6	\$2.74	MH1000U	110,000	1	1080



An Acuity Brands Company

Lithonia Lighting

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