

FEATURES & SPECIFICATIONS

INTENDED USE — Use in high mounting heights that require high efficiencies, horizontal illumination and premium contrast control. Ideal for light manufacturing areas, warehouse and retail aisles. Steel ballast housings should be used in areas with minimal airborne contaminants.

CONSTRUCTION — Housing: Rugged octagonal steel housing provides structural strength and pleasing aesthetics. Center-mounted ballast is heat-sinked and all electrical components are positioned within the vented housing for cooler operations. White polyester powder coat finished.

OPTICS — 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 — Ballast: Pulse start, 100% factory tested High Power Factor. Meets and exceeds the minimum energy efficiency required by the Energy Independence and Security Act of 2007 (EISA). Ballast will operate pulse start lamps only from 200V – 277V. 50/60 Hz.

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 — Housing: Integral rapid-latch steel hook provided with RELOC® or cord and plug assembly. Optional pendant splice box (PSB) for 3/4" conduit also available with mounting options.

LISTINGS — UL Listed to US and Canadian safety standards. NOM certified. See options UL Listed for damp locations. Ambient operation: -30°C to 40°C. Specify high ambient option (HA) for 0°C to 55°C.

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

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

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

Electronic High Bay Industrial Lighting

SH A16, A16GL



**ALUMINUM OPTICAL
PROTECTED METAL HALIDE
320W/350W/400W
18' to 30' mounting**

Specifications

Max. overall height:	24-1/4 (61.6)
Reflector height:	A16 – 9-1/2 (24.1) A16GL – 10-1/2 (26.7)
Weight:	A16 – 13.5 lbs (6.1 kg) A16GL – 16.5 lbs (7.5 kg)

All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

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

Example: SH 400MP A16 TVOLT HEB PSB

SH Series	Wattage ¹	Reflector	Voltage	HEB Ballast	Options	
SH	Metal halide	A16	TVOLT ⁴	HEB HID electronic ballast	<u>Shipped installed in fixture</u>	
	320M ²	A16GL	208			SF Single fuse (277V) ⁵
	400M		240			DF Double fuse (208, 240V) ⁵
	Protected metal halide		277			EC Emergency circuit ^{6,7}
	320MP					HA Electronic ballast, 55°C ambient operation
	350MP					ISM Individually-sensored motion detector
	400MP					ISP Individually-sensored photocell
	Protected metal halide - Title 20 ³					OCS Steel hook, 5' cord, RELOC OCS ⁸
	320MP					OCU Steel hook, 5' cord, RELOC OCU ^{8,9}
	350MP					PSB Pendant splice box/thru-wire outlet box
	400MP					QRSTD QRS time delay ^{5,6,7}
						SC3P Steel hook, 3' cord, 15A NEMA twist-lock plug
			SC3PD Steel hook, two 3' cords, 15A NEMA twist-lock plug ¹⁰			
			WG Wireguard for A16GL			
			W/LAMP Lamp included			
			CSA Listed and labeled to comply with Canadian standards ¹¹			
			NOM NOM certified (consult factory)			

Optical descriptions

A16	16" Aluminum reflector, anodized spun reflector
A16GL	16" Aluminum reflector, anodized spun reflector with tempered glass lens

Accessories: Order as separate catalog number.

SCK	60" safety chain kit
WGA16	Wireguard. Use with A16 reflector

Notes

- Operates 320, 350 and 400 pulse start lamp only.
- Available with A16GL only.
- These wattages comply with California Title 20.
- Tri-Volt electronic ballast capable of operating on any line voltage between 200V and 277V.
- Not available with TVOLT.
- Quartz lamp not included.
- Quartz lamp wattage not to exceed ballast wattage rating.
- May be ordered with 10' or 15' cords.
- Specify circuit/tap position.
- Comes with additional 2 wire, 3' cord for dimming control.
- Available with 277 volt only.

SH Aluminum Optical, High Bay Industrial Lighting

PHOTOMETRICS

See www.lithonia.com.

ELECTRICAL CHARACTERISTICS									
Wattage/Ballast	Primary voltage	Current (maximum) A with 250 Quartz		Current (maximum) A without 250 Quartz		Dropout voltage	Input watts	Power factor %	Regulation line V = Lamp
		Start	Operating	Start	Operating				
400W Electronic ballast (pulse start)	208	6 max.	2.1	1.5 max.	2.1	90	425	90	10% = 0.5%
	240		1.9		1.9				
	277		1.7		1.9				
350W Electronic ballast (pulse start)	208		1.9		1.9	90	375	90	
	240		1.65		1.9				
	277		1.4		1.4				
320W Electronic ballast (pulse start)	208		1.7		1.7	90	345	90	
	240		1.5		1.5				
	277		1.3		1.3				