

DESCRIPTION

Recessed 7 inch aperture lens wall wash for PAR30L/PAR38 metal halide lamp. Internal kicker reflector and concave spread lens provides uniform vertical illumination with minimal downlight component. Universal input electronic ballast features end of life shutdown. Fixture is suitable for commercial construction. Insulation must be kept 3" from top and sides of housing.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Housing

Steel housing encloses adjustment mechanism and is painted matte black to reduce stray light. Access door allows splice inspection and ballast service through aperture.

Plaster Frame / Collar

Die cast aluminum collar accommodates ceiling materials up to 1-1/2" thick.

Universal Mounting Bracket

Accepts 1/2" EMT, C channel and bar hangers and adjusts 5" vertically from above the ceiling.

Junction Box

(6) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Listed for (12) #12 AWG (six in, six out) 90°C conductors and feed thru branch wiring.

Fasteners

All fasteners that must be routinely loosened or tightened for installation and or maintenance are captive.

Adjustment Mechanism

Rotation mechanism rotates 365° and locks into place with knurl nut. Lamp socket mounting bracket is inclined 15° for optimum wall wash distribution when used with PAR lamp.

Lower Shielding Reflector

Hydro formed specular clear aluminum kicker reflector and concave spread lens direct a broad spread of illumination on vertical surfaces. Angle cut 0.050" thick aluminum parabolic contour provides cutoff with no flashback. Self flanged standard with optional white painted flange. Also available with white painted die cast trim ring. Available in all standard Alzak® finishes.

Trim Retention

Retained with two torsion springs holding the flange tightly to the finished ceiling surface and keyed to rotation mechanism to prevent improper orientation.

Socket

Pulse rated E26 medium base socket for use with protected PAR lamp only.

Insulation Detector

Self resetting detector opens circuit if insulation is improperly installed.

Ballast

Universal input (except 150 watt) 120/277V electronic ballast provides noise free operation, improved efficiency and increased lamp life as compared with magnetic ballast. Regulated output power over a wide range of ANSI lamp voltages results in excellent color stability over time.

Code Compliance

Thermally protected and cULus damp location listed. EMI/RFI emissions per FCC 47CFR Part 18 non consumer limits.

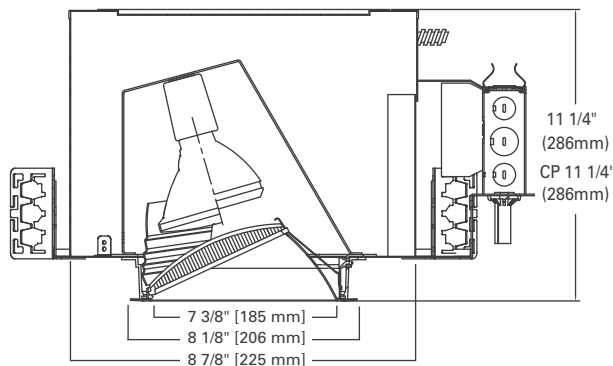


**MLW739
MLW770
MLW7100
MLW7150**

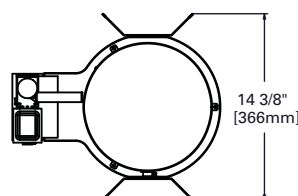
7481/7483

**Metal Halide
PAR30L
PAR38**

**7 Inch
Lens Wall Wash**



TOP VIEW



Energy Data	
39W	
120V Input Power: 48W	277V Input Power: 47W
120V Input Current: 0.45A	277V Input Current: 0.18A
Minimum Starting Temp: -20°C, -5°F	
THD: <20%	Power Factor: >0.90
Sound Rating: A	
70W	
120V Input Power: 86W	277V Input Power: 84W
120V Input Current: 0.72A	277V Input Current: 0.31A
Minimum Starting Temp: -20°C, -5°F	
THD: <20%	Power Factor: >0.90
Sound Rating: A	
100W	
120V Input Power: 115W	277V Input Power: 113W
120V Input Current: 0.96A	277V Input Current: 0.42A
Minimum Starting Temp: -20°C, -5°F	
THD: <20%	Power Factor: >0.90
Sound Rating: A	
150W	
120V Input Power: 165W	277V Input Power: 161W
120V Input Current: 1.38A	277V Input Current: 0.59A
Minimum Starting Temp: -30°C, -20°F	
THD: <20%	Power Factor: >0.90
Sound Rating: A	

ORDERING INFORMATION

SAMPLE NUMBER: **MLW770E** = 7" lens wall wash housing with UNV 120/277V electronic ballast for a 70W PAR38 MH lamp
7481LI = 7" lens wall wash reflector, self flanged, specular clear, low iridescent
 (Order housing and trim separately)

Housing	Wattage	Ballast	Trim	Finish	Options	Accessories
<p>MLW7 = 7" lens wall wash housing MLW7CP = 7" lens wall wash housing, CCEA listed for City of Chicago plenum requirements</p> <p>39 = 39W MH lamp 70 = 70W MH lamp 100 = 100W MH lamp 150 = 150W MH lamp</p> <p>¹ Not available with 150W.</p>		<p>E = Electronic, UNV 120/277V ¹ 50/60Hz 1E = Electronic, 120V 50/60Hz ² 2E = Electronic, 277V 50/60Hz ²</p> <p>7481 = 7" lens wall wash reflector, self-flanged 7483 = 7" lens wall wash reflector, white painted die cast metal trim ring</p>		<p>Alzak® Finishes LI = Specular clear, low iridescent H = Semi specular clear WMH = Warm haze G = Gold WH = Wheat GP = Graphite GPH = Graphite haze K = Cognac KH = Cognac Haze</p>	<p>WF = White painted flange (self flanged only)</p> <p>HB26 = Bar hanger, 26" long, pair HB50 = Bar hanger, 50" long, pair RMB22 = Bar hanger for wooden joists, 22" long, pair H347 = 347V stepdown transformer 75VA H347200 = 347V stepdown transformer 200VA</p>	

PHOTOMETRICS

