

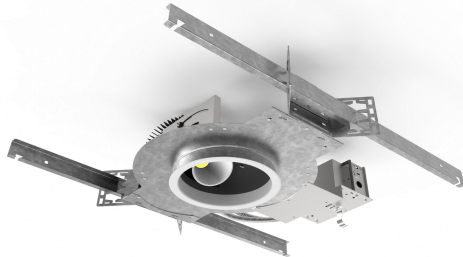
MAL61-HL LED ARIA®

6" NON-IC, Architectural High Lumen Downlight
60W-115W LED, 120V-277V Input

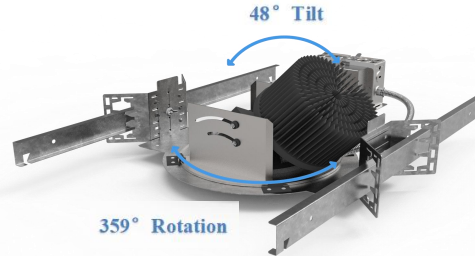


Catalog		Type
Project		Date
Prepared		

6" LED Architectural Adjustable Downlight



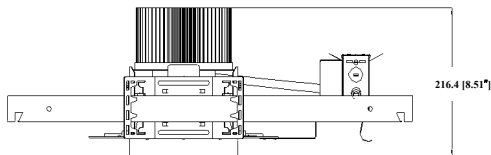
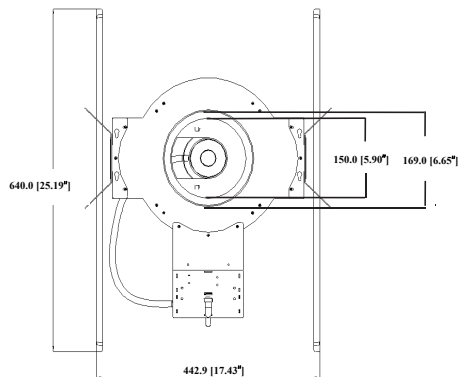
MAL61-HL/MTL6-AJ



HIGH LUMEN ARCHITECTURAL

LINE DRAWING

DIMENSION

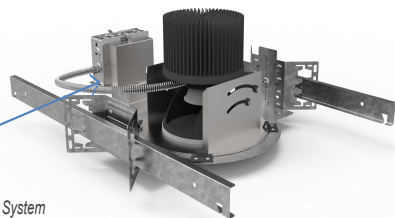


Ceiling Cut-out: 6" Dia.
Maximum Ceiling Thickness: 2"

60W 72W 115W



ALC Field Adjustable Lumen Control System



MAL61-HL/MTL6-ST

SPECIFICATION

LED Quantity	1EA (COB)		
Input Voltage	120V-277V AC *(90Ra / 2700K)		
Wattage (Typ)	60 W	72 W	115 W
Lumen (Typ)	6,000	7,200	11,500
Efficacy (LPW)	100 lm/W	100 lm/W	100 lm/W
Beam Angle	60°	60°	60°
CRI (Typical)	80, 90		
Color (+/-5%)	2700K, 3000K, 3500K, 4000K, 5000K		
Dimming	0-10V, DMX, DALI, DIM TO WARM		

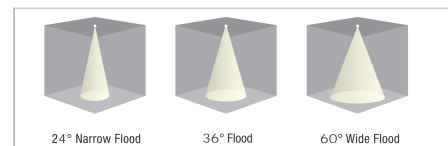
FEATURES and FUNCTION

- Galvanized steel construction.
- 20-gauge CRS mounting ring, black-painted. 1-5/8" deep collar may use for various thickness of ceiling materials.
- Aluminum extruded Heat sink designed to facilitate heat dissipation
- Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish.
- (5) 1/2" knockouts with true pry-out slots and (4) knockouts
- Commercial mounting kit provided up to 5" vertical adjustment, which accommodates 1/2" EMT conduit, optional HB-24 or HBC-24 bar hanger or lathing channels for T-bar grid or concealed spline ceiling.
- 120V-277V 60Hz 0-10V dimmable driver for most dimmers in the market.

DESCRIPTION

6" Architectural Frame-in and Remodel kits combined with LED module and integral reflector. This Fixture is designed for use in non-insulated ceilings. Insulation material must be kept a minimum of 3" from fixture. Provided in high efficacy LED with dimmable driver and the special optical diffusion allows high lumen transmission and light uniformity. Starting at 6,000 to 11,500 Lumens.

Beam Angles



Listings

- ETL Listed
- State of California Title 24
- Energy star Approved & Listed

Warranty

- 5 years of Module and Driver life.



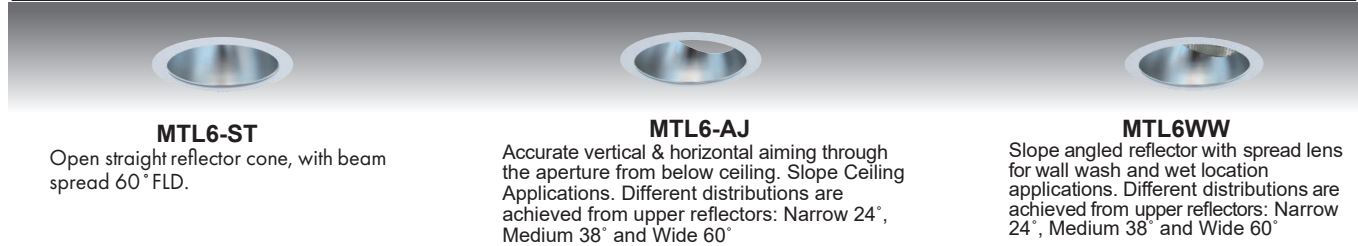
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6" NON-IC, Architectural High Lumen Downlight
60W-115W LED, 120V-277V Input

6" LED Architectural Adjustable Downlight

HIGH LUMEN ARCHITECTURAL

Trims: Various finishes available for straight (ST), Adjustable (AJ) and wall wash (WW) down lights.



MTL6-ST

Open straight reflector cone, with beam spread 60° FLD.

MTL6-AJ

Accurate vertical & horizontal aiming through the aperture from below ceiling. Slope Ceiling Applications. Different distributions are achieved from upper reflectors: Narrow 24°, Medium 38° and Wide 60°

MTL6WW

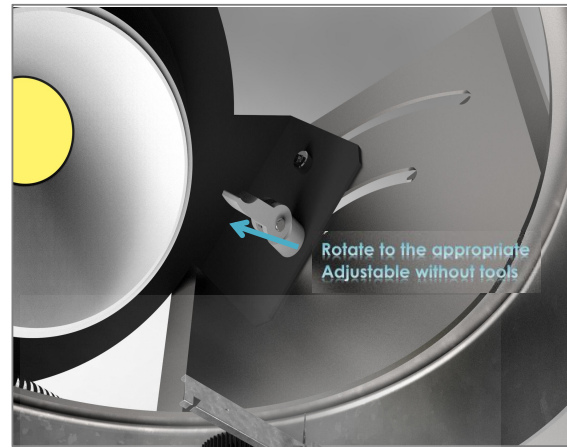
Slope angled reflector with spread lens for wall wash and wet location applications. Different distributions are achieved from upper reflectors: Narrow 24°, Medium 38° and Wide 60°

High ceiling lighting

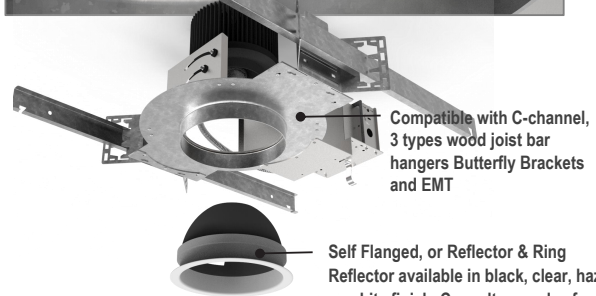
Our MAL61-HL High lumen output LED downlights are designed for use in buildings with high ceilings. These light fixtures find their footprint in grand lobbies, convention centers, banquet halls, airport terminals, train stations, shopping malls, theatres, churches (cathedrals), and atriums. The integration of lighting and architecture as well as hard-to-reach ceilings and expansive spaces create significant lighting challenges in high ceiling buildings where the fixture mounting height is often greater than 20 ft (6.1m). Ceiling light fixtures to be installed in these architecturally significant buildings must deliver excellence in aesthetics, performance, efficiency and reliability simultaneously.

Powerful illumination, architectural integration

Our MAL61-HL Series High Ceiling LED downlights are high power LED systems that deliver 6,000 to 11,500 lumen packages. They're similar to high bay lights that are commonly used for general lighting in industrial and commercial facilities when it comes to light output. However, LED downlights are imposed with more stringent design requirements on light distribution, glare control, and architectural integration. These fixtures are typically designed for recessed installation but may also come in cylinder configurations for surface, pendant or wall mounted applications. Recessed downlights are deliberately toned down to blend in with the architecture. With pure, straight lines and minimalist forms, cylinder downlights radiate simplicity, refinement and sophistication that are embraced by modern and contemporary designs.



Rotate to the appropriate Adjustable without tools



Compatible with C-channel, 3 types wood joist bar hangers Butterfly Brackets and EMT

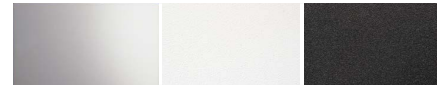
Self Flanged, or Reflector & Ring Reflector available in black, clear, haze or white finish. Consult our sales for other colors.



Livermore Porsche

Reflector -Trim Self Flange Finish

HC Haze Clear WH White BK Black



* Consult with factory for approved dimmers

ORDERING INFORMATION

Series	Wattage	CRI	CCT	Beam Angle	Driver	Factory Prewired Options	Trim Series	Reflector Finish	Self Flange Trim Finish
MAL61-HL 6" Architectural High Lumen Straight / Adjustable Downlight	ALC Adjustable Lumen Control 60 60W	8 80	27 2700K	N Narrow (24°)	Z10 120/277V, 0-10V Dimming Z 120/277V, Tri-Mode (0-10V, Triac, ELV Dimming) LUTRON LDE1 Hi-Lume 1% EcoSystem (Fade to Black Dimming) eidoLED DMX Digital Multiplex Protocol to 0.1% DALI Digital Addressable Lighting Interface to 0.1% D2W Dim To Warm to 1%	EM Self Contained 90-Minute 700 Lumen Emergency Back Up LOA bodine EM-20 Self Contained 120-Minute 2000 Lumen Emergency Back Up LUTRON AWNRAthena wireless node integral fixture control, RF only	MTL6-ST Straight MTL6-AJ Adjustable MTL6-WW Wall Wash	HC Haze Clear	HC Haze clear
		9 90	30 3000K	M Medium (36°)				WH White	WH White
			35 3500K	W Wide (60°)				BK Black	BK Black
			40 4000K						
MAL6R-HL 6" Architectural High Lumen Remodel Straight / Adjustable Downlight	72 72W 115 115W		50 5000K						

* Consult with factory for custom finishes