

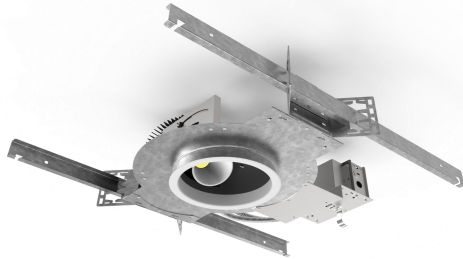
# MAL41-HL LED ARIA®

4" NON-IC, Architectural High Lumen Downlight  
35W-60W LED, 120V-277V Input

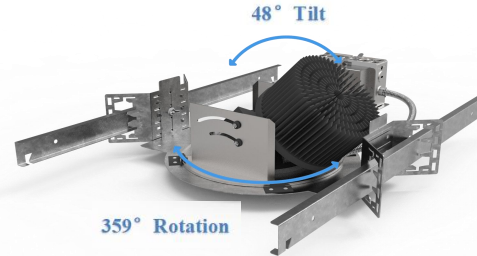


Catalog		Type
Project		Date
Prepared		

## 4" LED Architectural Adjustable Downlight

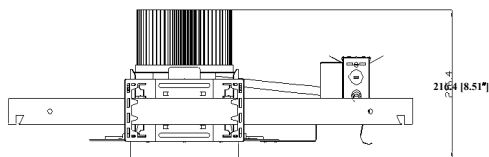
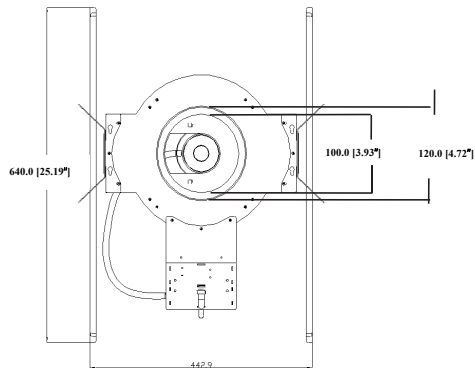


MAL41-HL/MTL4-AJ



HIGH LUMEN ARCHITECTURAL

### LINE DRAWING

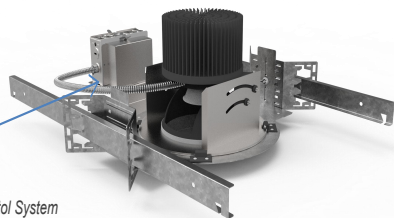


Ceiling Cut-out: 4" Dia.  
Maximum Ceiling Thickness: 2"

35W 48W 60W



AWC Field Adjustable Wattage Control System



MAL41-HL/MTL4-ST

### SPECIFICATION

LED Quantity	1EA (COB)		
Input Voltage	120V-277V AC <span style="float: right;">*(90Ra / 2700K)</span>		
Wattage (Typ)	35 W	48 W	60 W
Lumen (Typ)	3,500	4,800	6,000
Efficacy (LPW)	100 lm/W	100 lm/W	100 lm/W
Beam Angle	60°	60°	60°
C R I (Typical)	80, 90		
Color (+/-5%)	2700K, 3000K, 3,500K, 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

4" 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 3,500 to 6,000 Lumens.

Beam Angles



### Listings

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

### Warranty

- 5 years of Module and Driver life.

# MAL41-HL

## 4" NON-IC, Architectural High Lumen Downlight

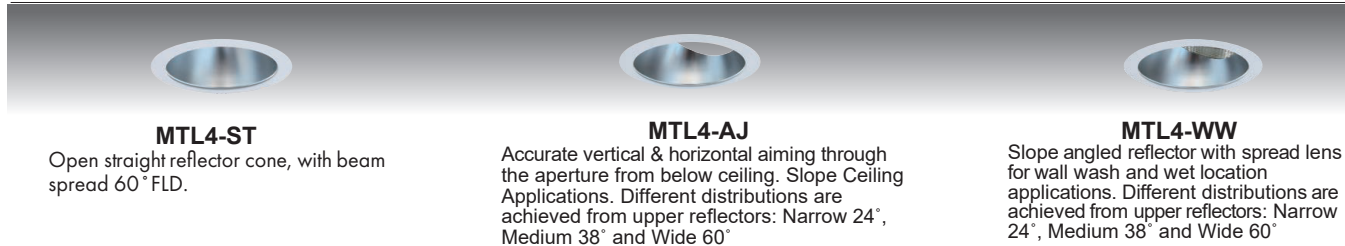
35W-60W LED, 120V-277V Input



HIGH LUMEN ARCHITECTURAL

### 4" LED Architectural Adjustable Downlight

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



#### MTL4-ST

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

#### MTL4-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°

#### MTL4-WW

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

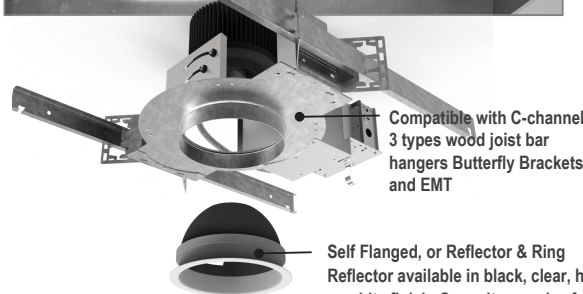
Our MAL41-HL High lumen output LED downlights are designed for use in buildings with high ceilings. These light fixtures find their footprint in grand lobbies, convention centers, banquet halls, airport terminals, train stations, shopping malls, theatres, churches (cathedrals), and atriums. The integration 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 MAL41-HL Series High Ceiling LED downlights are high power LED systems that deliver 3500 to 6000 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

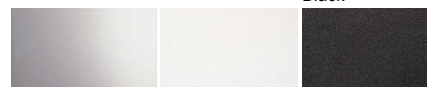
Self Flanged, or Reflector & Ring Reflector available in black, clear, haze or white finish. Consult our sales for other colors.



Livermore Porsche

#### Reflector -Trim Self Flange Finish

<b>HC</b> Haze Clear	<b>WH</b> White	<b>BK</b> Black
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**\* 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
<b>MAL41-HL</b> 4" Architectural High Lumen Straight / Adjustable Downlight	<b>AWC</b> Adjustable Wattage Control	8 80	27 2700K	N Narrow (24°)	<b>Z10</b> 120/277V, 0-10V Dimming <b>Z</b> 120/277V, Tri-Mode (0-10V, Triac, ELV Dimming) <b>LUTRON</b> <b>LDE1</b> Hi-Lume 1% EcoSystem (Fade to Black Dimming) <b>eidoLED</b> <b>DMX</b> Digital Multiplex Protocol to 0.1% <b>DALI</b> Digital Addressable Lighting Interface to 0.1% <b>D2W</b> Dim To Warm to 1%	<b>EM</b> Self Contained 90-Minute 700 Lumen Emergency Back Up <b>LOTA</b> <b>bodine</b> <b>EM-20</b> Self Contained 120-Minute 2000 Lumen Emergency Back Up <b>LUTRON</b> <b>AWN</b> Athena wireless node integral fixture control, RF only	<b>MTL4-ST</b> Straight <b>MTL4-AJ</b> Adjustable <b>MTL4-WW</b> Wall Wash	<b>HC</b> Haze Clear <b>WH</b> White <b>BK</b> Black	<b>HC</b> Haze clear
		9 90	30 3000K	M Medium (36°)					<b>WH</b> White
		35 35W	35 3500K	W Wide (60°)					<b>BK</b> Black
<b>MAL4R-HL</b> 4" Architectural High Lumen Remodel Straight / Adjustable Downlight	48 48W 60 60W		40 4000K						
			50 5000K						

\*Consult with factory for custom finishes

