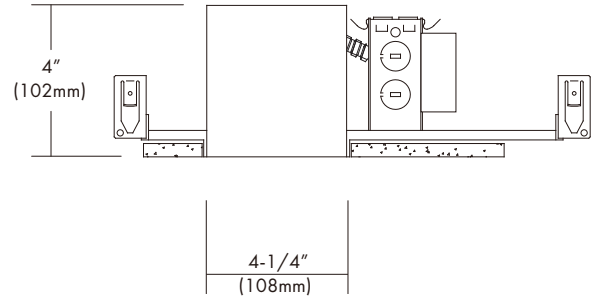
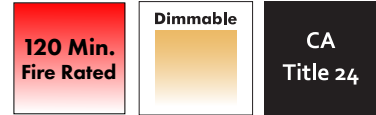


M41-FR/ML4

4" IC and Airtight Shallow 2 hours Fire Rated LED Recessed Downlight



4" LED



DESIGN FEATURES

Housing

- Galvanized steel housing.
- Housing is adjustable for thickness up to 1-1/4"
- IC Type Fire Rated housing for 120 minutes.

Junction Box

- Listed for through branch circuit wiring (Max. 8 No 12 AWG, 90°C branch circuit conductors).
- (5) 1/2" knockouts with pry-out slots and (4) knockouts with Romex cable clamps.
- Ground wire provided on J-box.

Bar Hangers

- 24" Bar Hangers provide stability and support on joists and T-Bar Grid ceilings.
- Housing can be positioned at any point within 24" joist spacing.
- Score lines allow easy "bend & snap-off" shortening for 12" joist spacing.

Trims

- Standard offerings with baffle trims in painted white or black plus haze clear reflectors. See "Trims" spec sheet for full offerings and ordering information.

Optics

- Lens: Fine, frosted surface of tempered glass provides high lumen transmission and diffusion for even illumination.

LED Driver

- Universal, 120~277V input, high efficacy drivers with dimming capability with 0-10V Triac & ELV dimmer switches.
- Drivers feature power factor >.90, THD <20% with integral protection to sense over temperature or electrical issues.
- Driver mounts externally to the module to allow future replacement or upgrading if desired.
- Optional Lutron Hi-lume A-Series, LED drivers and EcoSystem 5-Series LED drivers are available. Lutron drivers provide flicker-free, smooth, continuous dimming down to 1% for Hi-lume and 5% for EcoSystem. (Contact factory for dimming system requirements)

Limited Warranty

- LED Module: 5 years/50K hours
- Product: 3 years

Listing

- cETLus Damp and Wet Location
- California Title 24
- Conforms to ASTM E283

Catalog		Type
Project		Date
Prepared		

Height : 4-1/32"
Housing Aperture : 4-3/16"
Ceiling Cut-out : 4-1/4"




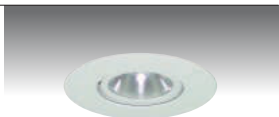

SPECIFICATION		
Input Voltage	120-277VAC	
Wattage (+/-5%)	DOB	CREE
	10 W	11 W
Lumen (+/-5%)	820 lm	1014 lm
Efficacy (LPW)	82 lm/W	92.2 lm/W
Beam Angle	43.7°	43.7°
CRI (Typical)	80, 90	
CCT (Color +/-5%)	2700K, 3000K, 3500K, 4000K	
Dimming	0-10V, Triac, Lutron 1% & 5%	
LED Module	5 yr/50K hr	
Environment	Damp & Wet Location	

Trailing Edge Dimmer	
- Lutron® Model Numbers : • Diva® DVCL Series • Diva® DVLV Series • Nova T® NT Series • Glyder® GLV Series • Ariadni® AYCL Series • RadioRA 2® 10ND Series • Skylark® SLV Series • Skylark® SLV Series • Skylark® Contour CTCL Series • Maestro Wireless MRF2-6ND Series • Lutron® Homeworks® RPM-4U • Lutron® Homeworks® QS HQRD-6ND Series • Lutron® Homeworks® QS HQRD-10ND Series - Leviton® Model Numbers : • SureSlide 6633	
Leading Edge Dimmer	
- Lutron® Model Numbers : • Diva® DVELV Series • Skylark® SELV Series • Nova T® NTELV Series • RadioRA RRD-6NA Series • Maestro MAELV Series • Maestro MRF2-6ELV Series • Lutron® Grafik Eye PHPM-PA Series • Lutron® Homeworks® QS HQRD-6NA Series	
Consult tech. service or factory for additional dimmers	

Catalog		Type
Project		Date
Prepared		

M41-FR/ML4

4" IC and Airtight Shallow 2 hours Fire Rated LED Recessed Downlight

ML4	Reflector -HC = Haze Clear -PR = Pewter -CP = Champagne -WH = White Painted O.D : 4-7/8"	 <p>ML4-WH-WH</p>
ML4-B	Baffle -WH = White -BK = Black O.D : 4-7/8"	 <p>ML4-B-WH</p>
ML4-SQB	Square Diecast Baffle -WH = White Frame : 4-3/4" x 4-3/4"	 <p>ML4-SQ-WH</p>
ML4-ADJ	Gimbal Adjustable -WH = White -BK = Black O.D : 4-7/8"	 <p>ML4-ADJ-WH</p>
ML4-SL	Frosted Shower Lens -WH = White O.D : 4-7/8"	 <p>ML4-SL-WH</p>

Ordering Information

Housing	Trim	-Watts	-Driver	-CRI	Color*	-Finishes*	-Trim Ring Finish*
M41-FR = 4" IC Air-tight Shallow	ML4 = Reflector ML4B = Baffle ML4-SQB = Square Diecast Baffle ML4-ADJ = Gimbal Adjustable ML4-SL = Shower Lens	-11 = 11W CREE * For Lutron & ERP Drivers ONLY -10DOB = 10W 120V Triac/ELV Dimming -10ZDOB = 10W 120V 0~10V Dimming	-Z = ERP Triac, ELV & 0~10V Dimming -ZE1 = Lutron 1% EcoSystem SoftOn/FadeToBlack -ZE5 = Lutron 5% EcoSystem -ZE2 = 2-Wire 120V Lutron Dimming	-8 = 80 -9 = 90	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	Reflector: -HC = Haze Clear -PR = Pewter -CP = Champagne -WH = White Painted Baffle: -WH = White -BK = Black	-WH = White -BK = Black

Example : M41-FR/ML4-Z-830-WH-WH

* Consult factory for other Color Temperatures and Finishes
 * Consult factory for 277V, ZTDOB LED module