

MD2-3461

LED - Recessed or Surface Medical Patient Ambient/Exam Luminaire

Project:	Catalog:	Type:
Notes:		

Product Description

The MD2x-3461 by Certolux is a sealed specification grade recessed luminaire that provides warm and comfortable ambient illumination from diffuse center aperture. It also provides powerful exam illumination from from each side aperture. You can separately specify CCT and CRI for each source to satisfy the comfort of the patient and the clinical needs of the staff.

Feature Options

- Fastener Tamper Proof
- Emergency Battery Pack
- Lens & Reflector
- IP65 Rated

Housing

Precision formed, code gauge cold rolled steel. Wiring access plate or knockouts are provided on back of housing, for flexible conduit attachment. Separated knockouts for line and low voltage connections. A gasketed wire access plate option is also available for easier installation. [See option code C33(G)].

Doorframe

Extruded anodized aluminum door holds a clear acrylic flat lens that is gasketed to the door and housing to maintain cleanliness. Secured by screws and a hidden cable hinges. See option D10 for a single-piece 16 ga. aluminum doorframe that is IP65 certified.

Mounting

Surface Mount - Four 0.312" diameter holes provided. Grid Mount - Holes provided for chain mounting support to building structure, and comes with integral earthquake clips. Flange Mount - Yoke mounting bracket (see product ordering key).

LED

LED board arrays offered in various color temperatures and lumen packages. Optional Green LED arrays available on separate circuit (consult ordering key).

Lens

The exam compartment is shielded by a frosted linear prismatic acrylic lens. The ambient compartment shield is a rounded low profile extruded frost acrylic lens.

Finish

The luminaire is a powder painted white matte finish and offers a high reflectivity coating for improved lighting performance and efficiency. Antimicrobial finish is optionally available.

Electrical

Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver an L80 performance >50,000 hours. The standard driver has a THD of <10%. Standard low-voltage dimming (0-10v, 1%). All electrical components are CSA orUL approved.

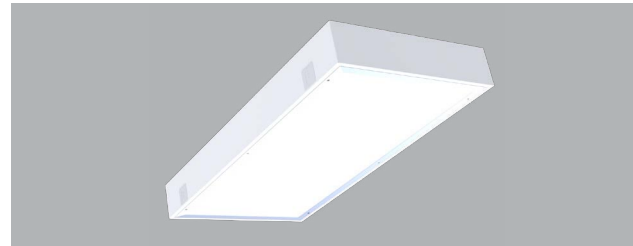
Warranty

5 year limited warranty. For complete warranty, click here: [5YR Warranty](#)

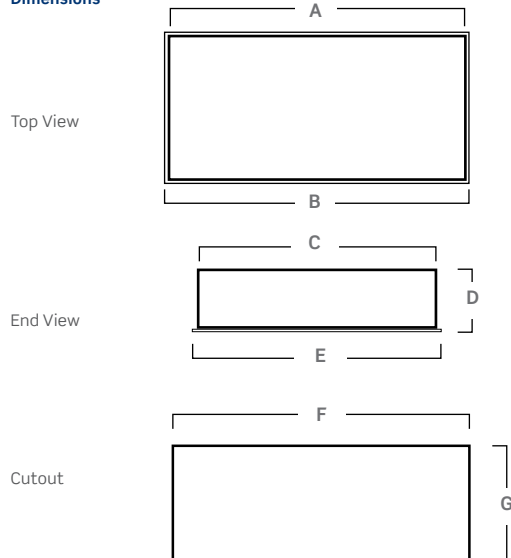


Approvals

- Approved to CSA and UL standards.
- UL listed for insulated ceilings.
- IP65 Option (see the ordering key)



Dimensions



	Dimensions (inch) & Weights						
	A	B	C	D	E	F	G
IF - 2x2	23.75"	25.75"	23.75"	5.5"	25.75"	24.375"	24.375"
IF - 2x4	47.75"	49.75"	23.75"	5.5"	25.75"	48.375"	24.375"
IG - 2x2	23.75"	-	23.75"	5.5"	-	-	-
IG - 2x4	47.75"	-	23.75"	5.5"	-	-	-
IS - 2x2	24.00"	-	24.00"	5.5"	-	-	-
IS - 2x4	48.00"	-	24.00"	5.5"	-	-	-

Consult installation guide for exact dimensions.

Project:	Catalog:	Type:
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Order Key

EXAMPLE: MD2IS-3461-2X4LED840K048L-935K116LUNV

MD2	-	3461	-	LED	-	-	-
Series		Model		Size		CRI	Options
Mount Type				2x2 2x4		8 - (80+) 9 - (90+)*	Driver Options
IF - Inset Door Flange IG - Inset Door Grid IS - Inset Door Surface							B02 Dimming Addressable Digital (DALI) B39 Emergency Lighting Battery Pack - LED
						CCT	Construction Options
						35K - 3500 K 40K - 4000 K 50K - 5000 K	C03 Fasteners Tamper Proof C33(G) Gasketed Wiring Access Plate
						Nominal Lumens (Ambient)	Door Frame Options
						2x2 024L - 2400 036L - 3600	D10 Door Frame 16ga. Aluminum Painted D14 Full Length Internal Hinge
						2x4 048L - 4800 072L - 7200	Finish Options
							F06 Gloss White* F09 Matte White (Standard) F37 Matte White, Antimicrobial* F47 Gloss White, Antimicrobial* (*External surfaces only)
							Fusing and Breaker Options
							T6 Fuse-holder, In-line Single Pole
							Lens Options
							Valid with D10 Door Frame P08 0.250 Clear Polycarbonate P45 0.125 Clear Polycarbonate P46 0.187 Clear Polycarbonate P56 0.125 Clear Acrylic
							Mounting Options
							M12 Mounting Clips - Earthquake
							Packaging Options
							K0 Pack Bulk/Pallet Packed and/or Wrapped
							Reflector Options
							VF1 Full (95% Reflectance) Specular
							Wiring Options
							V25 Radio Frequency Filter V39 Night Light - White LED V40 Low Voltage Controller (No Dimming) V40(D) Low Voltage Controller (Dimmable)
							Accessories
							X8 IP65 Rating

Performance Data				
Size	Nominal Lumens (Ambient)	Watts (Ambient)	Nominal Lumens (Exam)	Watts (Exam)
2x2	2400	29	3600	43
	3600	43	5800	71
2x4	4800	57	7200	87
	7200	87	11600	141

* 90+ CRI reduces lumen output by 20%, not available with 5000K.

Other options may be available, consult factory.
Specifications and data subject to change without notice.