

MD2IG-4190

LED - Recessed Grid Medical Patient Ambient/Exam Luminaire

Project:	Catalogue #:	Type:
Notes:		

Product Description

The MD2 series by Certolux is an IC-rated specification-grade luminaire which provides a cost-effective LED patient room lighting solution. Designed as a combination Ambient/Exam light for hospitals, nursing homes and other patient care facilities. Eliminates the need for wall mounted luminaires. The flexibility of the nominal 2' x 4' singular modular installation makes this an excellent ceiling-mount fixture. For use in insulated ceilings.

Feature Options

- Emergency Battery Pack
- Shielding Perforated Lens
- Radio Frequency Filter
- Low Voltage Controller

Housing

Precision formed, code gauge cold rolled steel. Wiring access plate or knockouts are provided on back of housing, for flexible conduit attachment.

Mounting

Holes provided for chain mounting support to building structure, and comes with integral earthquake clips.

Optics

The ambient compartment shield is an extruded frosted linear prismatic acrylic lens c/w overlay. Optional perforated shields can be added for visual comfort (see ordering key). The single piece hinged and latched door has a clear acrylic lens over the ambient compartment and the exam compartment is shielded by a frosted acrylic lens.

Finish

The luminaire is powder painted matte white finish and offers a high reflectivity coating for improved lighting performance and efficiency. Anti-microbial finish is also 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%) (dimming not available in exam section). All electrical components are CSA or UL approved. A wire access plate is provided for wiring connections. Optional low voltage controller available for pillow switch operation (pillow switch by others) (see ordering key for options).

Warranty

5 year limited warranty. For complete warranty, click here:

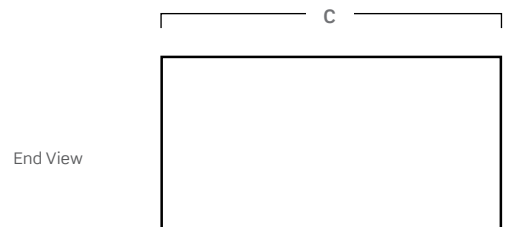
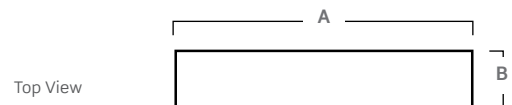


Approvals

- Approved to CSA and UL standards.
- Suitable for Damp Location.
- UL listed for insulated ceilings.



Dimensions



Dimensions (inch) & Weights			
	A	B	C
2x4	23.75"	4.09"	47.75"

Consult installation guide for exact dimensions.

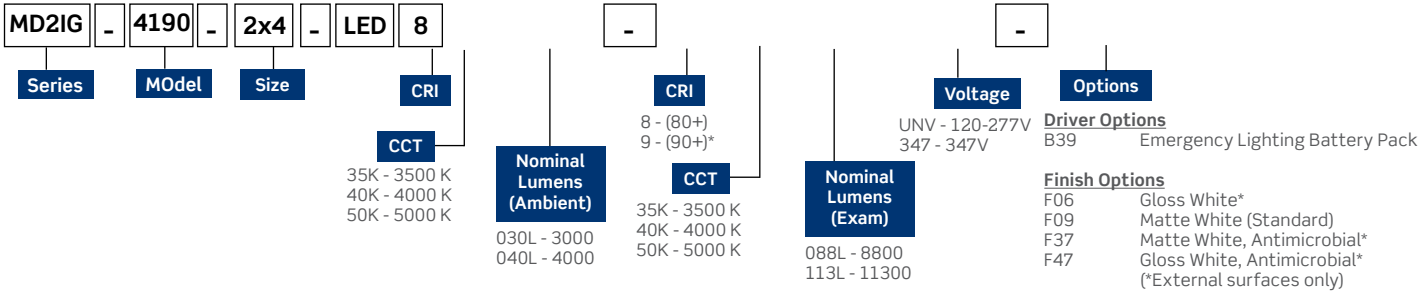
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Order Key

EXAMPLE: MD2IG-4190-2X4-LED8



Performance Data				
Size	Ambient		Exam	
	Nominal Lumens	Watts	Nominal Lumens	Watt
2x4	3000	31	8800	80
	4000	44	11300	109

- Driver Options**
B39 Emergency Lighting Battery Pack
- Finish Options**
F06 Gloss White*
F09 Matte White (Standard)
F37 Matte White, Antimicrobial*
F47 Gloss White, Antimicrobial* (*External surfaces only)
- Packaging Options**
K0 Pack Bulk/Pallet Packed and/or wrapped
- Construction Options (Ambient Section)**
Architectural Design Type F is Standard
C84(G) Architectural Design Type G
C84(H) Architectural Design Type H
- Baffle & Shielding Options (Ambient Section)**
C24 Shield Rectangular Perforated Matte White
C26 Shield Perforated Hole Pattern Matte White
L31 Mini Baffle with Straight Blade
- Fusing & Breaker Options**
T6 Fuseholder, In-line Single Pole
- Wiring Options**
V25 Radio Frequency Filter
V40 Low Voltage Controller (No Dimming)
V40(D) Low Voltage Controller (Dimmable)

* 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.

Construction Options



Standard Architectural Design Type F



Architectural Design Type G



Architectural Design Type H