

MD3IF-4103

LED - Recessed Flange Medical Patient Reading/Ambient/Exam Luminaire

Project:	Catalog:	Type:
Notes:		

Product Description

The MD3 series by Certolux is an IC-rated, IP65 (optional), specification-grade luminaire which provides a cost-effective LED patient room lighting solution. Designed as a combination Reading/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. An optional IP65 sealed construction is available for use where isolation is desired. (See option code X8).

Feature Options

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

Housing

Precision formed, code gauge cold rolled steel. 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)].

Mounting

Flange installation is supported by swing style mounting brackets.

Door Frame & Lens

Optional inset single piece door frame with germ shield available. Optional IP65 versions single piece door frame with 0.125" clear acrylic lens available. (See option codes in ordering key).

Multi-Compartment Optics

One piece door frame, fabricated from 18 gauge, cold rolled steel with TIG welded corners. It is retained by stainless steel aircraft cables. The lens is secured with adjustable Z style brackets with weld studs. The lens is .125" clear acrylic and is sealed to the door frame with silicone sealant. Other lens options available (see product ordering guide).

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:

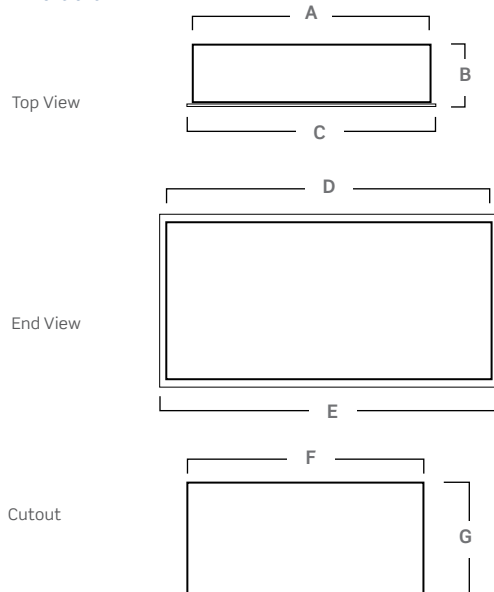


Approvals

- Approved to CSA and UL standards.
- Suitable for Damp Location.
- UL listed for insulated ceilings.
- Optional IP65 rated available (see ordering key).



Dimensions



Dimensions (inch) & Weights							
Mount Type	A	B	C	D	E	F	G
IF	26.6"	4.75"	27.9"	49.75"	51.1"	50.125"	26.875"

Consult installation guide for exact dimensions.

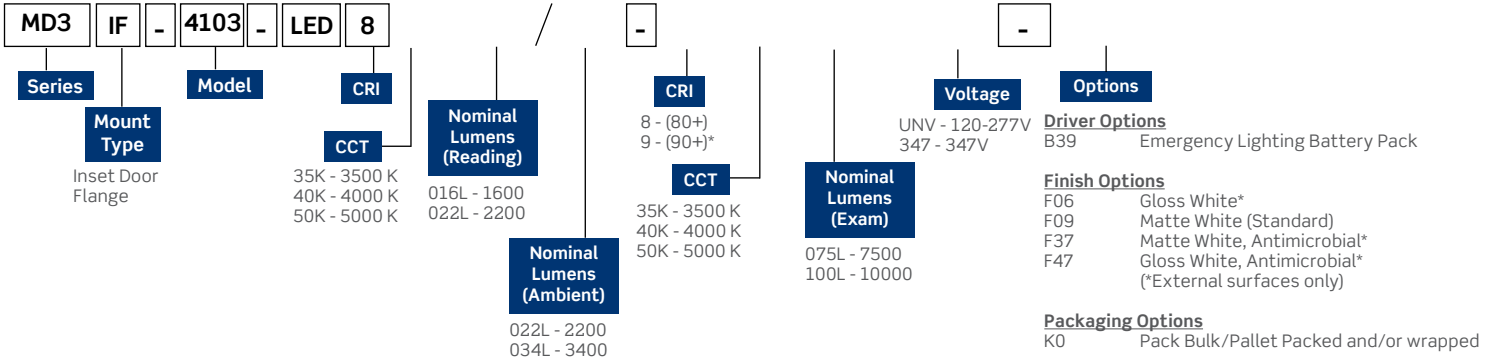
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Order Key

EXAMPLE: MD3IF-4103-LED835K016L/034L-940K100LUNV-C84(G)



Performance Data					
Reading		Ambient		Exam	
Nominal Lumens	Watts	Nominal Lumens	Watts	Nominal Lumens	Watt
1600	17	2200	20	7500	65
2200	20	3400	30	10000	90

- 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
C33(G) Gasketed Wiring Access Plate
- Shielding Options (Ambient Section)**
C24 Shield Rectangular Perforated Matte White
C26 Shield Perforated Hole Pattern Matte White
- Lens Options (Exam, Ambient & Reading Sections)**
P56 0.125 Clear Acrylic is (Standard)
P45 .125 Clear Polycarbonate
P08 .250 Clear Polycarbonate
P47 .375 Clear Polycarbonate
- Fusing & Breaker Options**
T6 Fuseholder, In-line Single Pole
- Wiring Options**
V25 Radio Frequency Filter
V39 Night Light - White LED
V40 Low Voltage Controller (No Dimming)
V40(D) Low Voltage Controller (Dimmable)
- Approvals Options**
X8 IP65 Rated (with 0.125 Clear Acrylic Lens)

* 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