

Project	
Type	
Date	
Product Code	
Approved by	

## MD1IG 1x4 - Medical Surgical Symmetric/Asymmetric

Recessed Luminaire With Inset Door Grid  
Medical Surgical Luminaire  
LED



3594

Medical Facility

### Product Specifications - Application

The MD1 series by Certolux is an IC-rated specification-grade, sealed surgical/operating room luminaire. The symmetric/asymmetric lens allows for precise optical control and is available in 1x4 configurations. For use in insulated ceilings.

### Product Specifications

#### Housing

Precision formed, 18 gauge cold rolled steel. Wiring access plate or knockouts are provided on back of housing, for flexible conduit attachment.

#### Mounting

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

#### LED

LED board arrays offered in various colour temperatures and lumen packages. Optional Green LED arrays available with standard 2000 lumens/2ft (1 rows max). Green LED arrays operated by separate driver(s).

#### Door Frame

The hinged door frame is precision formed of 18 gauge cold rolled steel and has Philips head stainless steel screws on one side.

#### Lens

The symmetric/asymmetric acrylic lens is complete with an RFI 3/8" square metalized grid and is grounded to the housing (Option P64) and is complete with a .125" thick clear acrylic underlay. Other lens options available. (See Ordering Key)

#### Finish

The luminaire is a powder painted white finish and offers a high reflectivity coating for improved lighting performance and efficiency. Anti-microbial finish is also available.

#### Electrical

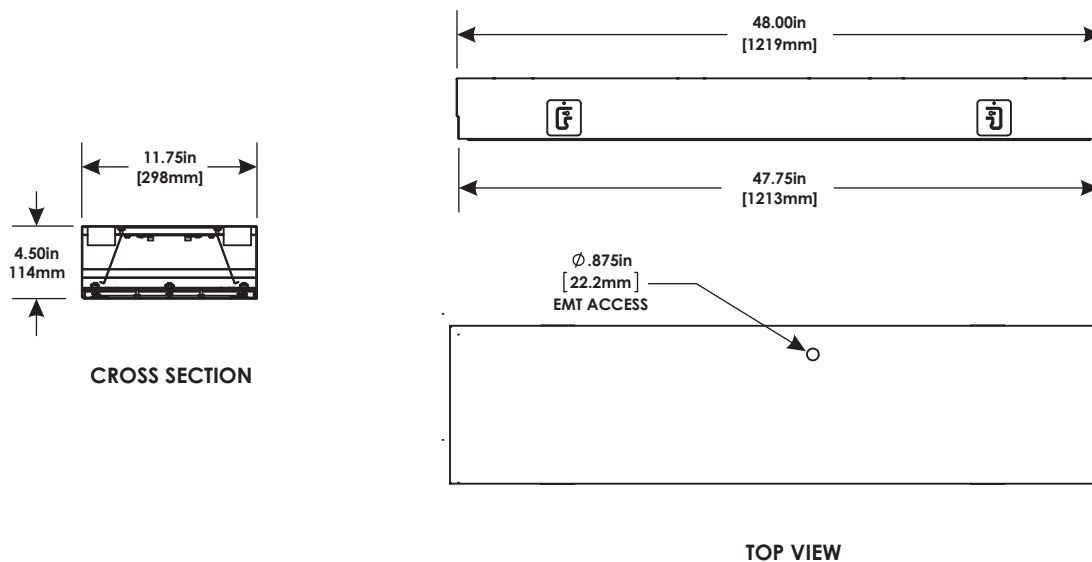
All electrical components are CSA or UL approved. Lamp holders provided ensure positive lamp retention. The standard driver has a THD of <20%. Standard low-voltage dimming (0-10v, 1%). Luminaires are provided with an access plate, to facilitate wiring to external power source.

#### Approvals

Approved to CSA and UL standards. UL listed for insulated ceilings. MIL STD 461F available upon request (see options).



### Dimensions



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### Ordering

MD1IG-3594	1X4	-	LED	8				-	
<b>Series</b>	<b>Model</b>	<b>Size (Width x Length)</b>	<b>Light Source</b>	<b>CRI</b>	<b>Colour Temp. Deg. K</b>	<b>Lumens</b>	<b>Voltage</b>	<b>Options</b>	
	1x4		8 - (80-89) 9 - (90+) †	8 - (80-89) 9 - (90+) †	30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	26L - 2600lm 52L - 5200lm 78L - 7800lm 90L - 9000lm 104L - 10400lm	UNV - 120-277V * 347 - 347V	<b>Driver/Controller Options</b> <input type="checkbox"/> B02 Dimming Addressable Digital (DALI) <input type="checkbox"/> B39 Emergency Lighting Battery Pack <b>Housing Construction Options</b> <input type="checkbox"/> C08 Housing Aluminum (Non Ferrous) <input type="checkbox"/> C55 Housing for 1 1/2" T-Bar <input type="checkbox"/> C57 Housing for 2" T-Bar <b>Door Options</b> <input type="checkbox"/> D14 Hinged Door Frame - Stainless Steel <b>Finish Options</b> <input type="checkbox"/> F06 Snow White <input type="checkbox"/> F09 Easy White <input type="checkbox"/> F37 Easy White Antimicrobial <input type="checkbox"/> F36 Snow White Antimicrobial <b>Lens Options</b> <input type="checkbox"/> P64 Lens Symmetric/Asymmetric Acrylic w/ EMI/RFI Grid w/ .125" Clear Acrylic Underlay <input type="checkbox"/> P75 Lens Pattern 12 Acrylic w/ EMI/RFI Grid w/ .125" Clear Acrylic Underlay <input type="checkbox"/> P76 Lens Pattern 19 Acrylic w/ EMI/RFI Grid w/ .125" Clear Acrylic Underlay <input type="checkbox"/> P82 White Translucent Acrylic c/w .125" clear acrylic underlay <b>Wiring Options</b> <input type="checkbox"/> V25 Radio Frequency Filter <input type="checkbox"/> V72 Green LED array - 1 Row <b>Reflector Options</b> <input type="checkbox"/> VF1 Full (95% Reflectance) Specular <b>Approvals Options</b> <input type="checkbox"/> X8 IP65 rating <input type="checkbox"/> X15 MIL STD 461F compliant	

Model Numbers relate to specific designs, refer to product photo and Dimension sections for additional details.

#### Lumen/System Watts

Size	Lumens †	System Watts
1x4	2600	25
	5200	47
	7800	75
	9000	104
	10400	98

Specifications and data subject to change without notice

\*Other options may be available consult factory.

\*\*V25 option required. Not available with P56 option

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

