

Project	
Type	
Date	
Product Code	
Approved by	

MD3 - Medical Patient Reading/Ambient/Exam

Recessed Ceiling Luminaire
PLL Lamps

Product Specifications - Application

The MD3 series by Certolux is a specification-grade, luminaire which provides a cost-effective fluorescent 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.



3452

Medical
Facility

Product Specifications

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 reading compartment is protected by a clear acrylic lens. The ambient compartment shield is perforated for direct illumination and contains a translucent opal white acrylic overlay diffuser for visual comfort. The exam compartment is shielded by a semi-specular aluminum parabolic louver with clear acrylic overlay.

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.

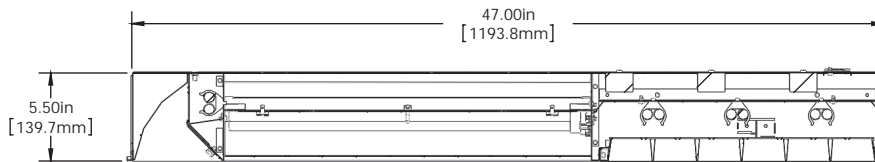
Electrical

All electrical components are CSA or UL approved. Lamp holders provided ensure positive lamp retention. Standard electronic ballasts are programmed or rapid start, with a THD of less than 20%. Luminaires are provided with an access plate, to facilitate wiring to external power source.

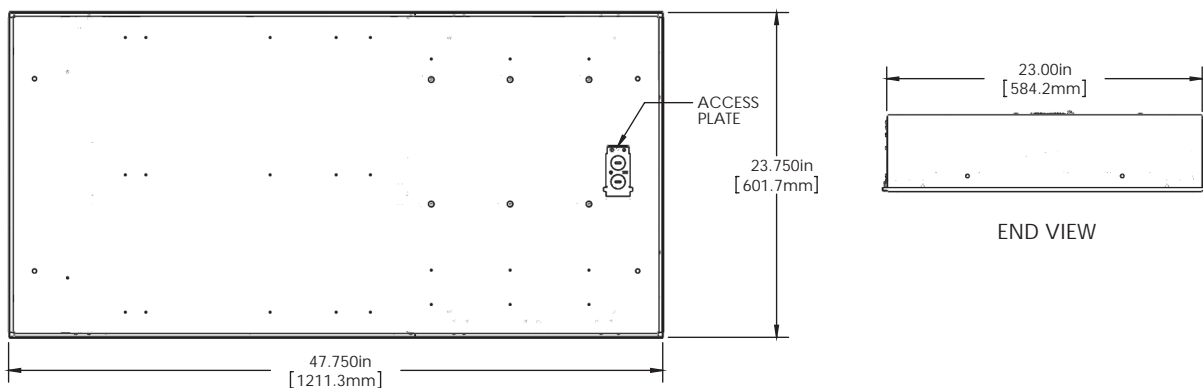
Approvals

Approved to CSA and UL standards.

Dimensions



CROSS SECTION



TOP VIEW

END VIEW

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Ordering

MD	3	G	2x4	3452	1	/	/	-									
Series	Type	Mount Type	Size (Width x Length) 2x4	Model	No. of Lamps Reading 1	No. of Lamps Ambient 1	No. of Lamps Exam 3L 4L	Lamp Type PLL	Lamp Watts See Table below	Voltage 120 - 120V 277 - 277V 347 - 347V UNV - 120-277V UN4 - 347-480V +	Options						

Type 3 = Exam, Ambient and Reading

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

Lamp Watts

Size	Nom. Lamp Watts
2x4	PLL/Biax 40, 50, 55

+ PLL 50 and 55 Lamps only

Options

- Ballast Options**
- B01 Ballast Disconnect - In-line Power Disconnect (CSA-UL Req'd For Voltages above 150v)
 - B02 Dimming Addressable Digital (DALI)
 - B03 Dimming Low Voltage
 - B08 Ballast - High Ballast Factor
 - B09 Ballast - Low Ballast Factor
 - B30 Emergency Specified Lighting Battery Pack 1-lamp
 - B33 Emergency Lighting Battery Pack 1-lamp
 - B34 Emergency Lighting Battery Pack 2-lamp

Finish Options

- F06 Snow White
- F09 Easy White
- F12 Easy White Antimicrobial
- F36 Snow White Antimicrobial

Packaging Options

- K0 Pack Bulk/Pallet Packed and/or wrapped
- K1 Pack Single

Louver Options

- L25 3x3 Inch Semi-specular Clear Parabolic Aluminum
- L26 3x3 Inch Semi-specular Clear Parabolic Aluminum with Clear Acrylic Shield
- L27 1/2x1/2x1/2 Silver Parabolic Acrylic with Clear Acrylic Shield
- L28 3x3 Inch White with Clear Acrylic Shield
- L30 3x3 Inch Semi-specular Clear Parabolic Aluminum with P12 Acrylic Shield

Mounting Options

- M12 Mounting Clips - Earthquake

Fusing and Breaker Options

- T6 Fuseholder, In-line Single Pole

Wiring Options

- V22 Night Light - Compact Fluorescent
- V25 Radio Frequency Filter
- V39 Night Light - White LED
- V40 Low Voltage Controller
- V43 Field Adjustable LED Chart/Night Light

Reflector Options

- VF1 Full (95% Reflectance) Specular (Exam Only)

Approvals Options

- X6 USA
- X7 Dual CSA/USA

Lamp Options

- Z1 Lamps Installed (Specify Type)

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

