



Alkco's Multi-Med LED 2x4 patient room exam luminaire provides the optimal illumination for examination. The optical compartments, anti-microbial finish and lens are designed for efficient performance and patient comfort. The sleek and clean appearance of this fixture helps it seamlessly fit into the ceiling, supporting the room's atmosphere.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### Ordering guide

Example: ME243G35L20L10L935HSTDST101DSA125UNVDIM

Family	Size/Function	Ceiling Type	Exam Lumens	Ambient Lumens	Reading Lumens	Color	Housing Material	Frame Material
<b>ME</b>							<b>HST</b>	<b>DST</b>
ME Multi-Med	<b>242</b> 2x4 Exam/ Ambient <b>243</b> 2x4 Exam/ Ambient/ Reading	<b>G</b> Grid/ Surface <b>F</b> Flange	<b>26L</b> 2600 nominal delivered lumens <b>35L</b> 3500 nominal delivered lumens <b>43L</b> 4300 nominal delivered lumens <b>52L</b> 5200 nominal delivered lumens <b>61L</b> 6100 nominal delivered lumens <b>70L</b> 7000 nominal delivered lumens	<b>20L</b> 2000 nominal delivered lumens <b>40L</b> 4000 nominal delivered lumens	<b>blank</b> Leave blank for ME242 <b>10L</b> 1000 nominal delivered lumens (ME243 only)	<b>935</b> 90 CRI, 3500K <b>940</b> 90 CRI, 4000K <b>950</b> 90 CRI, 5000K	<b>HST</b> 20 gauge CRS	<b>DST</b> 18 gauge CRS
Exam-Optic	Ambient-Optic	Ambient/Reading Underlay	Voltage	Driver	Options			
<b>101</b>				<b>DIM</b> -				
101	.125 Opal Polycarbonate	<b>DS</b> Diffuse	<b>A125</b> .125 Clear Acrylic <b>P250</b> .250 Clear Polycarbonate	<b>UNV</b> Universal Voltage, 120-277 volt	<b>DIM</b> <sup>1</sup> 0-10V dimming	<b>EMLED</b> <sup>2</sup> <b>LV</b> <sup>3</sup> Low Voltage Controller <b>TR</b> Tamper Resistant Torx Head Screws <b>RF</b> Radio Interference Filter <b>LN35</b> LED Night Light, 3500K		

### Footnotes

- 1 0-10V dimming leads factory wired to access plates for all sections.
- 2 10W emergency battery pack w/factory installed switch/test light in exam section, 1100lm nominal.
- 3 Factory installed low voltage controller provides dimming control for ambient and reading sections, plug jack and pillow switch by others.



# ME242/43 Multi-Med LED luminaire 2x4

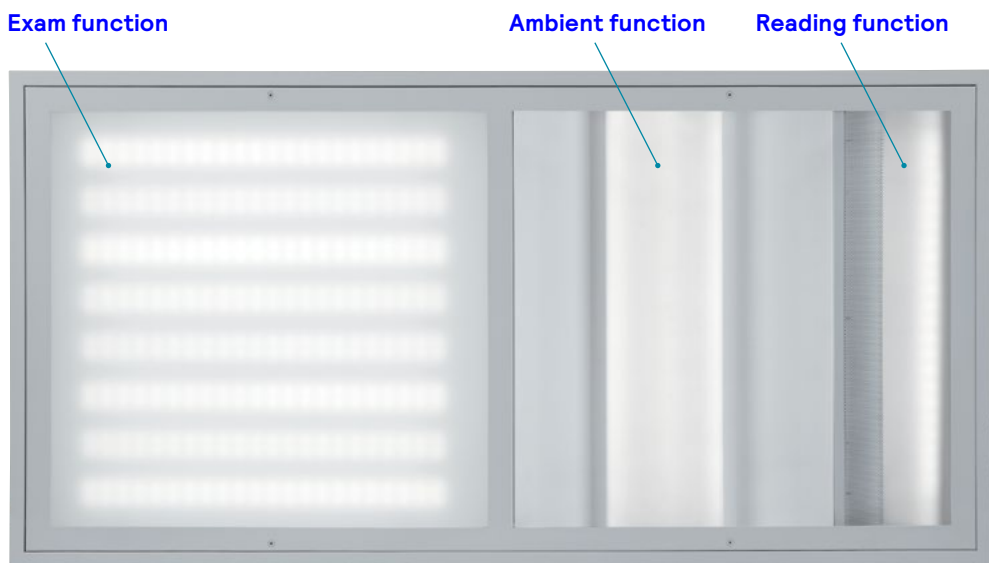
## Patient room luminaire

### Features

- Optional integral, low voltage controller for patient control of ambient and reading functions.
- Opal polycarbonate exam lens provides even distribution of light.
- Acrylic and polycarbonate underlay options available for ambient and reading sections.
- Antimicrobial finish on exposed surfaces designed to inhibit the growth of microbes.
- Optional LED night/chart light with integral switch to adjust light levels to 100/70/40 or 10%. Night light integrated into the exam section.

### Specifications

- **Construction:** 20 gauge cold rolled steel housing.
- **Door Frame:** 18 gauge cold rolled steel frame.
- **Reflector and Lenses:** The ambient compartment has a formed reflector with a centered diffuse lens to shield the LEDs. A formed, asymmetric reflector and perforated shield are used in the reading compartment. The exam compartment has an opal polycarbonate lens. All sections have a lens or options for underlays to help prevent incursion of particles.
- **Finish:** The housing, reflectors, and door frame are painted after fabrication with a white polyester powder coat paint finish. Exposed components are finished with antimicrobial paint.
- **Switching:** Multi-Med is wired for independent switching of the compartments. It is recommended that the exam compartment be switched at the wall where it can be controlled by the healthcare staff. The ambient and reading compartments can be switched at the wall or controlled with a low voltage controller (LV) factory installed in the luminaire. The LV is compatible with industry standard bed control systems (wall jack and pillow switch by others).
- **Electrical:** Electronic drivers are universal 120-277V. All sections are 0-10V dimmable with low voltage leads pulled to the access plate for ease of installation.
- **Installation:** Multi-Med can be installed into a suspended grid (G), surface mounted (G), or in drywall ceilings (F).
- **Listing:** cETLus listed for damp locations.
- **Warranty:** 5 year limited warranty.



### Energy data

Exam			
Lumen Package	LED Rows	Wattage	Delivered Lumens
26L	3Rows	37.5	2625
35L	4Rows	50.0	3500
43L	5Rows	62.5	4375
52L	6Rows	75.0	5250
61L	7Rows	87.5	6125
70L	8Rows	100.0	7000

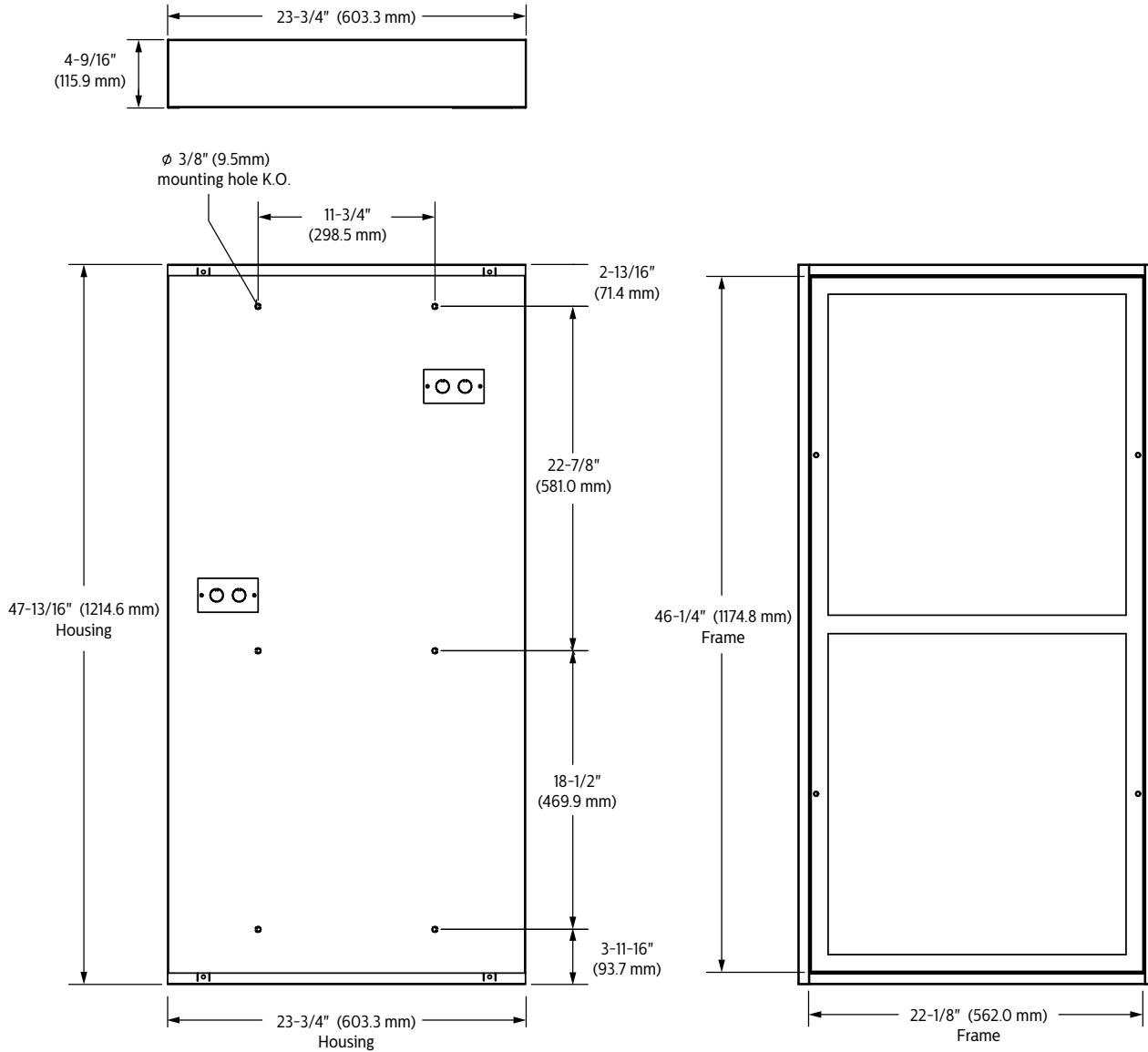
Ambient			
Lumen Package	LED Rows	Wattage	Delivered Lumens
20L	2Rows	25.0	2000
40L	4Rows	50.0	4000

Reading			
Lumen Package	LED Rows	Wattage	Delivered Lumens
10L	1Row	12.0	840

# ME242/43 Multi-Med LED luminaire 2x4

## Patient room luminaire

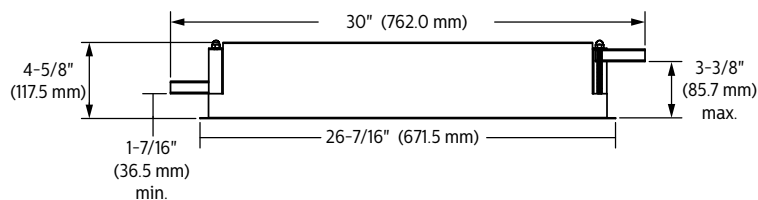
### Dimensions - Grid model



# ME242/43 Multi-Med LED luminaire 2x4

## Surgical suite luminaire

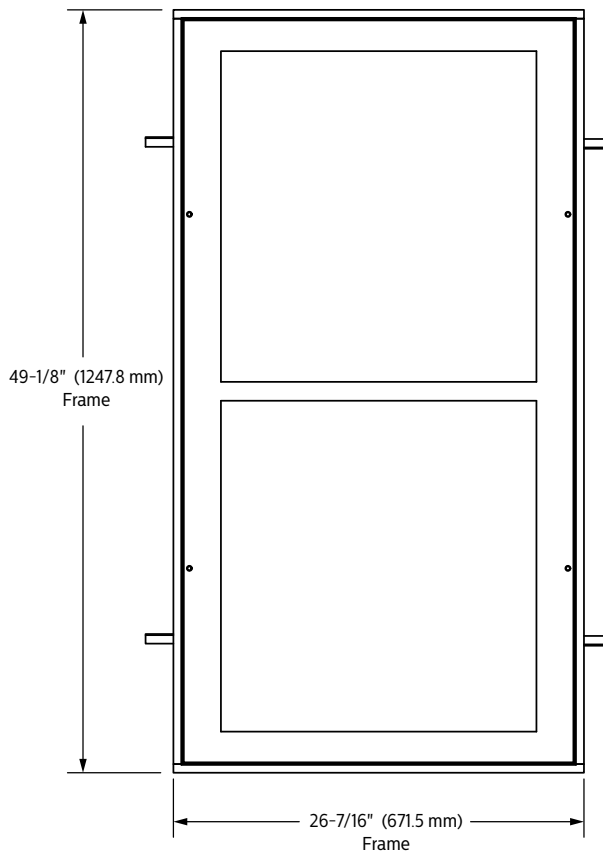
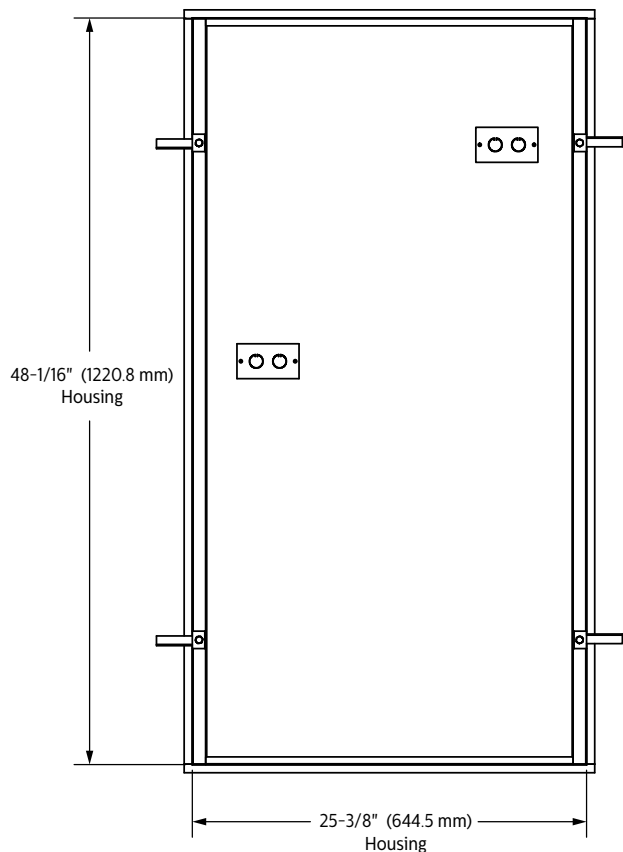
### Dimensions - Flange model



### Flange ceiling cutout:

ME242 43-3/8" (1102mm) x 24-3/8" (619mm)

ME243 48-3/8" (1229mm) x 25-11/16" (652mm)



### Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit [www.signify.com/baa](http://www.signify.com/baa) to view a current list of BAA-compliant products to confirm this product's current compliance.



© 2023 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Signify North America Corporation  
400 Crossing Blvd, Suite 600  
Bridgewater, NJ 08807  
Telephone 800-555-0050

Signify Canada Ltd.  
281 Hillmount Road,  
Markham, ON, Canada L6C 2S3  
Telephone 800-668-9008

All trademarks are owned by Signify Holding or their respective owners.