

DESCRIPTION

This architectural, recessed LED patient room light offers ambient lighting and specialized performance. The MAO LED features innovative optical technology which provides powerful, focused illumination for examinations. Its unique design directs the light onto the bed and provides glare-free illumination for both the healthcare professional and patient. An architecturally styled design helps bring a relaxed, comfortable feel to any patient room environment. Use the MAO LED in patient rooms, general administrative or corridors.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Housing/Reflector

Die-formed aluminum.

Diffuser

Frosted, linear ribbed, acrylic lens, 0.100" thick. Optional clear acrylic with perforated inlay.

Light Emitting Diode (LED)

LEDs available in 3000K, 3500K, 4000K and 5000K with CRI > 85. Projected life is 50,000 hours at 70% lumen maintenance.

Finish

Housing is standard matte white powder coat paint. Reflectors are architectural matte white powder coat paint.

Transformer/Driver

Electronic driver.
0-10V dimming standard.

Labels

cULus listed for damp locations.

Warranty

Five year warranty on the LEDs and electrical.



MAO LED

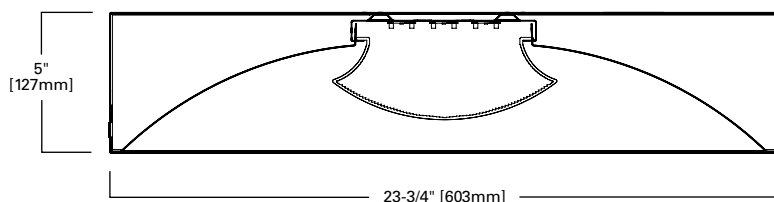
AMBIENT OPEN

2' x 2'

2' x 4'

LD4 LED

Healthcare



Number of Modules, Level	2' Length Fixture		4' Length Fixture	
	Input Watts	Delivered Lumens*	Input Watts	Delivered Lumens*
1LO	12.9	1231	26.3	2558
1STD	17.6	1670	36.6	3470
1HI	22.8	2050	45.3	4262
2LO	26.2	2378	52.4	4942
2STD	36.6	3226	73.2	6704
2HI	45.0	3962	94.4	8233
3LO	39.3	3549	78.6	7377
3STD	54.9	4814	109.8	10006

Nominal input wattage values include LED voltage, drive current and typical driver efficiency. Refer to LM79 test data/ photometric files for exact delivered lumen values and input wattage, as values shown above are nominal/approximate.

*Values represent fixture with frosted acrylic diffuser.

ORDERING INFORMATION

SAMPLE NUMBER: MAO-G-4-LD4-2STD-40-UNV-EDC1-CAP

MAO	G	LD4	UNV
Product Family MAO = Medical Ambient Only ⁵	Length 2=2' 4=4'	Color Temperature 30=3000K 35=3500K 40=4000K 50=5000K	Options EL10W =10W Emergency Battery Pack ^{2, 6} GSKLNS =Gasketing applied down the entire length of both lips of the lens. LVCP =Low Voltage Relay, Separate control of Inboard/Outboard (for 3 rows) or Left/Right (2 rows) LEDs. LVCP/IB =Low Voltage Relay, Inboard circuit only, LVCP connected to Inboard LED row. Circuit for Outboard LEDs controlled by line voltage. LVCP/OB =Low Voltage Relay, Outboard circuit only, LVCP connected to Outboard LED rows. Circuit for Inboard LED row controlled by line voltage. GLR =Fuse and Holder AM =Antimicrobial Matte White Finish (All painted parts) 90 =90cri
Mounting G=9/16", 1" or 1-1/2" T-bar grid	LD4=LED 4.0 No. of LED Modules in Cross-section 1=(1) LED Module 2=(2) LED Modules 3=(3) LED Modules	Voltage UNV=120V-277V Driver Type EDC =Electronic Driver, Non-Dimming EDD =Electronic Driver,0-10V Dimming 10% ED1D =Electronic Driver,0-10V Dimming 1%	
	Illumination Level STD =Standard LO =Low HI =High	No. of Circuits 1= 1 Circuit 2= 2 Circuits 3= 3 Circuits	Diffuser FA =Frosted Acrylic, Linear Ribbed CAP =Clear Acrylic, Perforated Inlay

- Notes:**
- Ceiling cutout dimensions: 2x2 = 24-3/8" x 24-3/8"; 2x4 = 24-3/8" x 48-3/8".
 - When choosing emergency battery pack, voltage must be specified.
When using Emergency with three LED modules in cross-section, only "LO" illumination is available.
With two LED modules in cross-section, "LO" or "STD" illumination level is available..
 - The switching device is to be a normally open, momentary contact switch.
 - LVCP is factory wired for sequential control:
Load 1 On
Load 2 On
Both Loads On
Both Loads Off
 - Hard metric sizes available. Consult factory for ordering information.
 - Must specify voltage.
 - LVCP/IB and LVCP/OB only available with 3 rows of LEDs.

ACCESSORIES (ordered separately)

MSC4-PK=Mounting Security Clips.
Use secure fixture to grid or to attach tie-wires.
DFCL-2448W-U*=2' x 4' gasketed drywall framing kit.
Ships with gasket to be applied in field.
Cut out dimension 24.25" x 48.25"
DFCL-1248W-U*=1' x 4' gasketed drywall framing kit.
Ships with gasket to be applied in field.
Cut out dimension 12.25" x 48.25"
DFCL-2424W-U*=2' x 2' gasketed drywall framing kit.
Ships with gasket to be applied in field.
Cut out dimension 24.25" x 24.25"

* Change W to AMW for antimicrobial matte white finish