

Project		Catalog #		Type	
Prepared by		Notes		Date	



Fail-Safe

MPBL | LD4 LED

Medical Wall Patient Bed Light LED
2', 3' and 4' Lengths

Typical Applications

Healthcare • Patient Rooms

Interactive Menu

- Order Information page 2
- Product Specifications page 2
- Nominal Input Watts/Delivered Lumens page 3
- Product Warranty

Product Certification



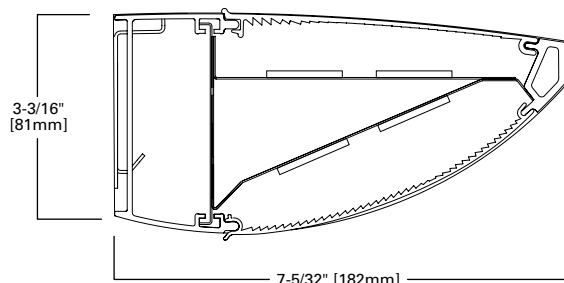
Product Feature



Top Product Features

- Ideal for patient rooms when wall mount illumination is preferred
- Aesthetically pleasing fixture provides an upgrade to any space
- Die-cast aluminum end caps
- Dedicated LED divider for independent up/down switching
- Low Volt Controller with dimming control
- Extruded aluminum rail and housing for durability and aesthetics
- Matte white powder coat paint. Anti-microbial paint available
- Options to meet Buy American Act requirements

Dimensional and Mounting Details



MPBL OVERALL LENGTH		
	FEC (Flat Endcap)	Standard
2 ft.	24.250"	26.700"
3 ft.	36.250"	38.700"
4 ft.	48.250"	50.700"

Order Information

SAMPLE ORDER NUMBER: **MPBL-4-LD4-120-1/Hi-1/LO-35-EDC1-LVCP**

MPBL-4-LD4-UNV-2/LO-2/LO-35-EDD2-LVC3/UD/DD

Domestic Preferences	Series	Length	LED	Voltage	LED Modules Up	Up Illumination Level	LED Modules Down	Down Illumination Level
Domestic Preferences ⁽¹⁰⁾	Series	Length ⁽⁹⁾	LED	Voltage	LED Modules Up ⁽¹⁾	Up Illumination Level	LED Modules Down ⁽¹⁾	Down Illumination Level
[Blank]=Standard BAA=Buy American Act	MPBL=Medical Patient Bed Light	2=2' 3=3' 4=4'	LD4=Linear LED, 4.0	120=120V ⁽⁶⁾ 277=277V UNV=120V-277V	1=1 Module Up 2=2 Modules Up	LO=Low Output HI=High Output ⁽¹⁾ STD=Standard Output	1=1 Module Down 2=2 Modules Down	LO=Low Output HI=High Output ⁽¹⁾ STD=Standard Output
Notes <small>(10) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.</small>		Notes <small>(9) See MPBL SPEC TABLE for overall length of fixture with and without FEC option.</small>		Notes <small>(6) 120V only with PS4, PS4L, PS4R.</small>	Notes <small>(1) HI not available with 2 Up/2 Down.</small>	Notes <small>(1) HI not available with 2 Up/2 Down.</small>	Notes <small>(1) HI not available with 2 Up/2 Down.</small>	Notes <small>(1) HI not available with 2 Up/2 Down.</small>

Color Temperature	Driver	No. of Circuits	Options
Color Temperature	Driver	No. of Circuits	Options
30=3000K 35=3500K 40=4000K	Electronic Driver EDC =Electronic Driver, Non-Dimming EDD =Electronic Driver, Dimming 10% ED1D =Electronic Driver, Dimming 1%	1=1 Circuit 2=2 Circuits	LVCP =Low Voltage Relay, Non-Dimming. Specify 120V or 277V. ^{(2),(7)} LVC3/UD/DD =Low Voltage Relay, Dimming - Rows Up Dimming / Rows Down Dimming ⁽¹¹⁾ LVC3/U/DD = Low Voltage Relay, Dimming - Rows Up No Dimming / Rows Down Dimming ⁽¹¹⁾ LVC3/UD/D = Low Voltage Relay, Dimming - Rows Up Dimming / Rows Down No Dimming ⁽¹¹⁾ AM =Antimicrobial Finish GLR =Fuse and Holder PS4 =Pull Chain 4 Position (Center) ^{(3),(6),(10),(11)} PS4L =Pull Chain 4 Position Left Hand Orientation ^{(3),(6),(10),(11)} PS4R =Pull Chain 4 Position Right Hand Orientation ^{(3),(6),(10),(11)} EL7W =7W Emergency Pack ^{(4),(11)} EL10W =10W Emergency Pack ^{(4),(11)} EL14W =14W Emergency Pack ^{(4),(11)} FEC =Flat Endcaps, Die Cast Aluminum ⁽⁹⁾ LLNL =Linear LED Night Light ^{(8),(11)} LLNLA =Linear LED Night Light, Amber ^{(8),(11)}
			Notes <small>(2) LVCP available 4' unit only, 1 LED module Up/1 LED module Down maximum. Use with EDC, non-dimming 0-10V driver. (3) PS4 available 4' unit only, 1 Up/1 Down, 1 Up/2 Down, or 2 Up/1 Down only. Location of pull chain is determined by looking at the front of the fixture installed on the wall. (4) EL available 1 LED module Up/1 LED module Down maximum. 4' unit only. (6) 120V only with PS4, PS4L, PS4R. (7) When using LVCP, specify voltage of 120v or 277v. 347v is not available. (8) LLNL, LLNLA available 4' unit only. Not available with LVCP, PS4L, PS4R or EL. Available 1 module up/1 module down, 1 module up/2 module down. Approximately 600 initial lumens separate 11" LED module and driver, on a separate circuit. Centered (left to right) upright illumination, LLNLA consists of an amber color filter over the white 11" LED module. (9) See MPBL SPEC TABLE for overall length of fixture with and without FEC option. (10) PS4/PS4L/PS4R not available with single circuit. (11) LVC3=Low Volt Relay with dimming control up to 2 loads, 2circuits. LVC3 available with 4ft length unit only. Use with 0-10V dimming drivers EDD2 or ED1D2. LVC3 relay is not available with PS4,PS4L,PS4R,EL7W,EL10W,EL14W,LLNL,orLLNLA. LVC3 not available in 347v.</small>

Product Specifications

Application

- Designed for use in healthcare facilities in patient rooms over beds for reading and ambient lighting
- Facilitates all tasks required by both patient and medical professional

Housing

- Aluminum extruded construction
- Die-cast end caps
- Electrostatically applied, Matte White powder coat finish
- Optional Matte White antimicrobial finish

Uplight and Downlight Lenses

- Diffused, prismatic acrylic lens; Up to 0.140" thickness
- Thickness of lens varies based on prism profile
- Prisms are located in inside for easy cleaning
- Top and bottom lenses snap in place with no tools required

LEDs

- Available in 3000K, 3500K and 4000K; 85 CRI minimum
- Choice of Standard, Low or High illumination levels
- Projected life is 50,000 hours at 70% lumen maintenance

Electrical

- Electronic driver 120-277V, dimming driver standard
- LVCP - Low Volt Controller, Non-dimming, Specify 120V or 277V
- LVC3 - Low Volt Controller, Dimming control.
- 0-10V dimming down to 1% or 10%
- Non-dimming available

Compliances

- cULus listed for damp locations

Warranty

- Five-year warranty on LEDs and electrical, consult website for details. www.cooperlighting.com/legal

Nominal Input Watts/Delivered Lumens

 [View IES files](#)

Nominal Input Watts/ Nominal Delivered Lumens ⁽⁶⁾			
Up			
Fixture Length	# Modules	Nominal Input Watts	Nominal Delivered Lumens
2'	1/LO	13.1	962
	1 STD	18.3	1490
	1/HI	23.6	1853
	2/LO	26.2	2575
	2 STD	36.6	3025
	2/HI	47.2	3575
4'	1/LO	26.2	1944
	1 STD	36.6	2983
	1/HI	47.2	3510
	2/LO	52.4	5150
	2 STD	73.2	6285
	2/HI	94.4	7100
Down			
2'	1/LO	13.1	896
	1 STD	18.3	1374
	1/HI	23.6	1718
	2/LO	26.2	1815
	2 STD	36.6	2780
4'	1/LO	26.2	1813
	1 STD	36.6	2800
	1/HI	47.2	3455
	2/LO	52.4	3635
	2 STD	73.2	5565

Notes: (6) 120V only with PS4, PS4L, PS4R.