

Project		Catalog #		Type	
Prepared by		Notes		Date	



Fail-Safe

MPBL

Medical Patient Bed Light - Wall Mount
2', 3', 4' Lengths
Dedicated Up/Down Illumination
Extruded Aluminum Rails/Die-cast Ends

Typical Applications

Healthcare • Patient Rooms • Exam/Procedure Rooms • Vanity • Bathrooms • Nurse Stations • Corridors

Product Certification



Product Feature



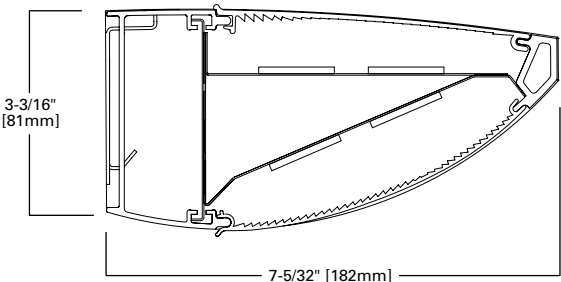
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Top Product Features

- Extruded aluminum rails and die-cast aluminum end caps for a robust, elegant wall mount luminaire
- Frosted, high-impact acrylic top and bottom lens for soft, uniform distribution
- Independent up/down illumination components to put light when and where it is needed
- Low voltage controller available for patient control, via a hand-hold pillow speaker
- Architectural, matte-white powder coat paint standard matte white anti-microbial paint available
- Flat die-cast aluminum end cap available, for a clean, crisp aesthetic
- Options to meet Buy American Act requirements

Dimensions



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 (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.		Notes (9) See MPBL SPEC TABLE for overall length of fixture with and without FEC option.		Notes (6) 120V only with PS4, PS4L, PS4R.	Notes (1) HI not available with 2 Up/2 Down.	Notes (1) HI not available with 2 Up/2 Down.	Notes (1) HI not available with 2 Up/2 Down.	Notes (1) HI not available with 2 Up/2 Down.

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 - Up Dimming / Down Dimming ⁽¹¹⁾ LVC3/U/DD = Low Voltage Relay, Dimming - Up On/Off / Down Dimming ⁽¹¹⁾ LVC3/UD/D = Low Voltage Relay, Dimming - Up Dimming / Down On/Off ⁽¹¹⁾ AM =Antimicrobial Finish, Matte White 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)} 90 =90 CRI
			Notes (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. 3500K CCT. 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) uplight 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.

Product Specifications

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" thick
- Thickness of lens varies based on prism profile
- Prisms are located 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
- 90 CRI available
- LLNL=3500K CCT

Electrical

- Electronic driver 120-277V, dimming driver standard
- LVCP - Low Volt Controller, Non-dimming, 2 loads. Specify 120V or 277V
- LVC3 - Low Volt Controller, Dimming control, 3 loads
 - 2 dimming, 1 on/off
- 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.