

Catalog Number
Project
Type

# MEP

## LED Recessed Patient Room



READING LIGHT  
AMBIENT LIGHT

### STANDARD

### OPTIONAL



## SPECIFICATIONS

### DESCRIPTION

MEP offers both Reading and ambient lighting in a beautifully designed fixture. The MEP features innovative optical technology which provides powerful, focused illumination for examinations. Its exemplary design directs the light onto the bed and provides glare-free illumination for both the medical professional and patient. This ergonomical styled design helps bring a relaxed, comfortable feel to any patient room.

### ELECTRICAL SYSTEM

Electronic drivers are available for 120/277V applications, 0-10v 1% dimming driver standard. Long-life LED system rated for 100K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards. Reading, ambient, and reading come standard

### OPTICAL SYSTEM

Reading: Linear, Extruded Satin side lenses. 0.100" thick on ends; prisms are located on the inside for easy cleaning. Various Ambient light lensing options are available, contact factory for additional customized options.

### LISTINGS

UL Listed. Damp location UL rated. Wet location optional.

### HOUSING

20 gauge steel, powder coat painted matte white electrostatically applied, powder coat finish. Optional anti-microbial finish, matte white.

### LED

LEDs available in 2700K, 3000K, 4000K and 5000K with CRI > 80. Projected life is 100,000 hours at 70% lumen maintenance. 90 CRI available.

### WARRANTY

5 - Year Limited Warranty. Complete warranty and terms located at: [www.aelnow.com/warranty](http://www.aelnow.com/warranty)

### DOORFRAME GASKET

One-piece closed cell silicone gasket seals door frame to housing. *(optional with wet location option)*

### HOUSING FLANGE

Flange kit available per request.

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>120K
ML	7974	57	>120K
HL	11150	80	>120K
SM	12040	86	>120K
MM	13016	93	>120K
R1	1550	11	>50K
R2	2250	16	>50K
R3	2900	21	>50K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

\* Delivered Lumens shown were tested with 4000K LEDs

\* SAMPLE NUMBER: MEP24-30-ML-HL-R3-ALH-DF-P125-M-12EBL

Series	CCT	Ambient Illumination	Reading Illumination
MEP22 2x2	27 2700K	SL Standard Low	R1 Reading Standard
MEP24 2x4	30 3000K	ML Medium Low	R2 Reading Medium
	35 3500K	HL High Low	R3 Reading High
	40 4000K	SM Standard Medium	
	50 5000K	MM Medium Medium	

Housing	Door Type	Lens	Voltage
B20 20 Gauge Cold Roll Steel	B18 18 Gauge Cold Roll Steel	P125 .125 Polycarbonate	M 120/277V
B18 18 Gauge Cold Roll Steel	SH18 18 Gauge Stainless Steel	P156 .156 Polycarbonate	
SH18 18 Gauge Stainless Steel		P187 .187 Polycarbonate	
		A125 .125 Acrylic	
		A156 .156 Acrylic	

Driver	Options
BLANK 0-10V Dimming Driver (included standard)	12EBL 1200 Lumen Emergency Ballast
CD5 0-10V 5% to Off Dimming Driver	WL Wet Location
EDN Electronic Driver Non-Dimming	MIL MILSTD 461G compliant
FLDD Fifth Light Dali, Dimming	90 90 CRI
LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	AM Anti-microbial Paint
LDE5 Lutron LDE5 5-Series Ecosystem 5% Dimming	TH Torx Screws
	LVC <a href="#">Low Voltage Controller (≤4 Circuits)</a>
	VDO Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)
	FCJS0 Lutron Vive attached Fixture Control (RF Only for 0-10V Drivers)
	NL Night Light
	LVCWS <a href="#">Low Voltage Controller Wall Switch</a>
	FK Flange Kit
	FW5 Flex Whip 5-Wire 18/5

LINE ART:

