Advantage.
Environmental Lighting

MECC
LED Patient Room / Health Care

STANDARD | OPTIONAL

UL | PROUDLY MADE IN USA | ❄LUTRON® | WET location

5.22

5.00

Asymmetric | Symmetric | Night Light

7.75
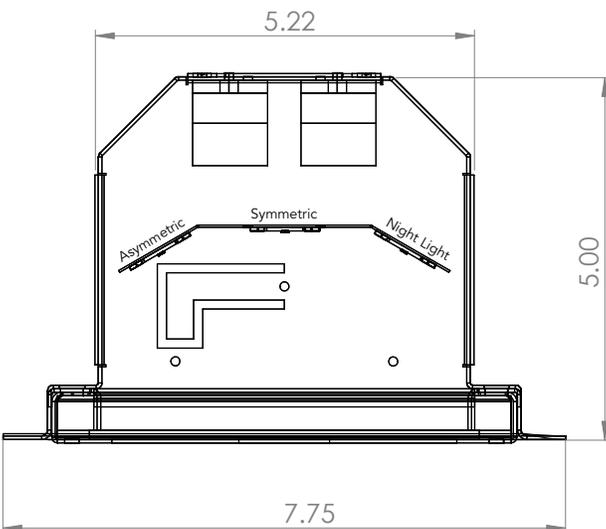
DESCRIPTION
The fully enclosed MECC offers ambient lighting with asymmetric or symmetric optics. The small aperture MECC is flush to the ceiling line, allowing quick, easy, as well as effective wipe-down. Asymmetric or symmetric optic options provide the ability to accommodate the many necessary activities performed in the patient room. Specify the nightlight as an option for an additional function. Typically positioned over the bed with a symmetric optic, or beside the bed with an asymmetric option. The MECC offers glare and shadow free illumination.

ELECTRICAL SYSTEM
0-10V 1% dimming driver included standard, additional options available. 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.

OPTICAL SYSTEM
0.080" thick frosted acrylic lens.

LISTINGS
UL Listed. NSF = NSF2 listed (Non-Food, Splash Zone). Wet location optional.

MOUNTING
Recessed grid or recessed flanged mounting. Grid includes grid clips, while flanged applications include swing arm brackets. Flanged applications for sheetrock/drywall installation and may be recessed into a ceiling or wall.

HOUSING
20 gauge steel or .063" aluminum housing options available with an electrostatically applied, white powder coat finish. Anti-microbial matte white finish optional.

LED
LEDs available in 2700K, 3000K, 4000K and 5000K with CRI > 82. 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

DOORFRAME
Inset 18 gauge cold roll steel or .063" aluminum door frame. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Doorframe secured to housing with stainless steel aircraft cables and captive flush mounted Phillips head stainless steel fasteners. Antimicrobial finish optional on all exposed painted surfaces of installed luminaire.

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K

* Delivered Lumens shown were tested with 4000K LEDs

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

ORDERING INFORMATION

Example: MECC6-G-40-SL-N-N-B20-INS-S-ASYM-M
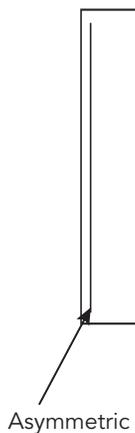Custom Lumen Output Example: MECC6-G-40-SL-N-N-B20-INS-S-ASYM-M-3000 for 3000 ambient lumens.

Series		Mounting		CCT		Ambient Illumination	
MECC3	36"	G	Grid	27	2700K	SL	Standard Low
MECC4	48"	F	Flanged	30	3000K	ML	Medium Low
MECC45	54"			35	3500K		
MECC5	60"			40	4000K		
MECC6	72"			50	5000K		
MECC7	84"						
MECC8	96"						

Housing		Door Type		Lens		Optics	
B20	20 Gauge Cold Roll Steel	INS	Inset Door, 18 Gauge Steel	S	0.80" Thick Highly Transmissive Satin Acrylic Lens	SYM	Symmetric Optic
ALH	Aluminum Housing	INA	Inset Door, .063" Aluminum			ASYM	Asymmetric Optic

Voltage		Driver Options		Options	
M	Multi-Volt (120/277V)	BLANK	0-10V 1% Dimming Driver (included standard)	12EBL	1200 Lumen Emergency Ballast
		CD5	0-10V 5% to Off Dimming Driver	90	90 CRI
		EDN	Electronic Driver Non-Dimming	LVC	Low Voltage Controller
		FLDD	Fifth Light Dali, Dimming	LVCWS	Low Voltage Controller Wall Switch
		LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	NL	Night Light
		LDE5	Lutron LDE5 5-Series Ecosystem 5% Dimming	FZ	Fuse and Holder
				WL	Wet location
				NSF	NSF2 listed (non-food, splash zone)
				AM	Anti-Microbial Paint
				VDO	Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)
				FCJS0	Lutron Vive attached Fixture Control (RF Only for 0-10V Drivers)
				TPS	Tamper-Proof Screws

OPTICS CONFIGURATION

Asymmetric Optics

Symmetric Optics

Asymmetric

Symmetric