

MEDMASTER™

Patient Room Luminaires

MPCAE24 SERIES

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Ceiling mount – surface, grid or flange; 2'x4'
- » Provides ambient and exam lighting
- » Optional Ingress Barrier Door provides consistent surface for cleanability



SPECIFICATIONS

HOUSING: FLANGE AND GRID: 20-gauge CRS one-piece construction (IB is one piece seam welded construction). SURFACE: 18-gauge CRS one-piece seam welded construction. Housing Flange: FLANGE AND GRID: 18-gauge CRS, standard 4-piece construction, spot-welded to housing. Ingress Barrier (IB Option): Mitered and welded corners, spot-welded to housing. Housing Finish: White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

INSIDE FLANGES: 18-gauge CRS; fastened to housing. Black matte TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours.

OPTIONAL DOORFRAME: IB-AC OR IB-HD OPTIONS ONLY. Heavy duty extruded aluminum with clear satin anodized finish. Doorframe supported to housing with aircraft cables (IB-AC) to provide NSF2 listing, or an optional continuous hinged doorframe (IB-HD). Select in ordering options below. Doorframe secured to housing with continuous hinge (20-gauge SS) and Phillips-head stainless steel fasteners. Closed cell silicone gasket seals doorframe to housing.

LAMP SHIELDING: Exam compartment shielded by sliding semi-specular aluminum parabolic louver. Clear protective lamp shield securely fastened above louver (see Ordering Information for alternate Lamp Shield Options). Ambient compartment lamps shielded by perforated steel (white TGIC polyester powder coat finish) with pearlescent acrylic diffuser. Note: Exam compartment clear protective lamp shield omitted when IB Option is specified.

ELECTRICAL: Fluorescent electronic 120/277V ballasts high power factor (<10% THD). See Ordering Information for optional equipment. Lamps by others. CL Option field adjustable to either side of bed. One 20W maximum, 12VAC, MR16, 120 or 277 volts. 8° narrow spot recommended. Exam area NEC compliant with isolated wiring compartment for auxiliary branch circuit feed.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, click [here](#).

INSTALLATION: SURFACE MOUNT: Four .312" diameter holes. GRID MOUNT: Designed for 1" and 1.5" grid. (Housing includes hanging brackets to secure housing with wire to super structure). FLANGE MOUNT: Yoke mounting hardware & brackets included. Install Frame and Plaster Frames both positively locates yoke brackets within ceiling opening assures alignment of fixture. Install frame has no need for drywall backing. Backing is supplied on the frame brackets.

WARRANTY: Limited one (1) year Kenall fluorescent warranty.

LISTINGS: UL and CUL Listed for Damp Location. IB Option UL certified IP65 per IEC 60598.



ORDERING INFORMATION (Ex: MPCAE24-S-1/3-40B-120-L)

Model	Mounting Options	Lamp Qty	Lamp Type	Voltage	Lamp Shield Options	Doorframe	Options	Accessories
MPCAE24		/						
	Mounting Options S Surface G Grid (1") F Flange		Lamp Type 40B F40TT (Biax) 50B F50TT (Biax) 55B F55TT (Biax)			Optional Doorframe IB-AC* Ingress Barrier w/Aircraft Cables IB-HD* Ingress Barrier w/Continuous Piano Hinge (not NSF2 listed)	Options AMF Antimicrobial Finish on exposed surfaces CL* Chart Light – 20W MR16 DLN† LED Night Light w/Light Level Control (Lamp by other) (100% - 20%) EL One-Lamp Emergency Battery Pack (32°F) (347V dry location only) – Ambient only FS Fuse & Holder LCL* LED Chart Light LVC† Low Voltage Controller (See Application Guide or consult factory for switching options) RF† Radio Frequency Filter TN† Night Light – 5/7/9 Watt PL (Lamp supplied by other)	
	Lamp Quantity (x/x) Ambient Compartment (x) 1 One Lamp 2 Two Lamps Exam Compartment (x) 3 Three Lamps 4 Four Lamps		Voltage 120 120 Volts 277 277 Volts 347 347 Volts		Lamp Shield Options (Exam Section) L Semi-Specular Aluminum Parabolic 3" x 3" Louver with clear acrylic lamp shield C Metalized Acrylic Parabolic .62" x .62" Louver with clear acrylic lamp shield LW Matte White 3" x 3" Louver with clear acrylic lamp shield I .125" #12 Prismatic Acrylic SL Specified Louver		Accessories C-2063 Lamp, 20W MR16 12VAC 8° Spot IF Install Frame (Flange only)	

* Only available with L or LW Lamp Shield Option
 † n/a with 347V



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

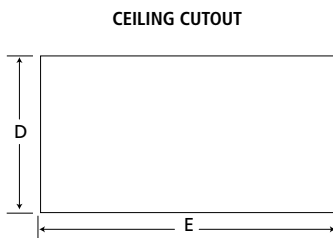
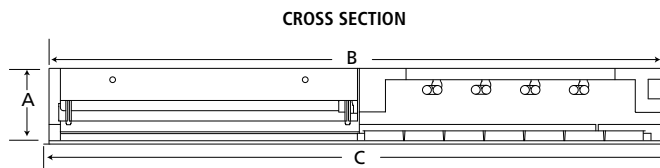
This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

A brand of **legrand**

MEDMASTER™
Patient Room Luminaires

MPCAE24 SERIES

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)					
	A	B	C	D	E
MPCAE24	5.80*	23.00×47.00	23.75×47.75	23.25**	47.25**

*Add .25" to fixture height when Ingress Barrier (IB) Option is specified
 **Add .25" to each cut-out dimension when Install Frame (IF) Accessory is specified

