

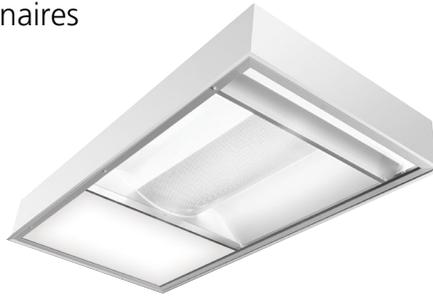
MEDMASTER™

Behavioral Healthcare Luminaires

MMPC SERIES

PRODUCT FEATURES:

- » Ceiling mount – recessed flange or surface; 2'x2' and 2'x4'
- » Heavy-duty one-piece TIG and spot welded housing
- » Doorframe with polycarbonate lens secured with Torx® fasteners for security



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: Die-formed prime grade material as specified – see Ordering Information. TIG and spot welded construction.

DOORFRAME: One-piece die-formed prime grade material as specified – see Ordering Information. Corners continuously seam welded and smooth with no post grinding (TIG). Door frame secured to housing with steel aircraft cables.

FINISH: TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Optional antimicrobial finish.

LENS: As specified – maximum thickness .375" – see Ordering Information.

LAMP SHIELDING: Ambient compartment lamps shielded by perforated steel (white TGIC polyester powder coat finish) with pearlescent acrylic diffuser. 2x4: Exam compartment shielded by diffused impact-resistant acrylic lens.

GASKET: Closed cell silicone gasket seals door to housing.

DOOR FASTENERS: Torx® head with center pin hardened security screws. Fully recessed.

ELECTRICAL: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); 330µA max. source current per circuit. Optional LVCD control provides low-voltage patient interface, controlling the ambient, reading and exam modes independently with dimming control.

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. **FLANGE MOUNT:** Yoke mounting hardware & brackets included. Install Frame 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 five (5) year warranty.

LISTINGS: Luminaire certified to UL standards by Intertek Testing Laboratory for Wet Location and non-IC installations (Flange Mounting). ETL certified IP65 per IEC 60598. NSF2 Splash/Non-Food Zone.



ORDERING INFORMATION (Ex: MMPC24-F-1/1-9-25L/45L/90L-35K8-35K8-DCC-DV-LVC)

Model	Mounting	Door/Housing	Lens Type	Lamp Power	R/A Lamp Color	Exam Lamp Color	Driver	Voltage	Options	Accessories	
							DCC				
Series				Lamp Power					Options		
MMPC22	2'x2'			2'x2'					LEL† LED Emergency Battery Pack (wired to Ambient function)		
MMPC24	2'x4'			25L/45L	25 Watt Reading/45 Watt Ambient LED				AMF Antimicrobial Finish on Exposed Surfaces		
Mounting Options				2'x4					RF† Radio Frequency Filter		
S	Surface			25L/45L/90L	25 Watt Reading/45 Watt Ambient/90 Watt Exam LED				FS Fuse & Holder (1 per circuit)		
F	Flange			Reading/Ambient Lamp Color					NLW† 2700K White LED Night Light		
Door/Housing Material				30K8	3000K, 82CRI				NLA† Amber LED Night Light		
0	14-Ga CRS (Painted)			35K8	3500K, 82CRI				LVC† Low Voltage Controller (Click here for specifications)		
1	16-Ga CRS (Painted)			40K8	4000K, 82CRI				LVCD† Low Voltage Controller with Dimming (Click here for specifications)		
2	18-Ga CRS (Painted; n/a as Door Material)			50K8	5000K, 82CRI				Accessories		
3	14-Ga SS (Painted)			Exam Lamp Color					IF Install Frame (Flange only)		
4	16-Ga SS (Painted)			30K8	3000K, 82CRI						
6	14-Ga SS (Brushed)			35K8	3500K, 82CRI						
7	16-Ga SS (Brushed)			40K8	4000K, 82CRI						
Lens Type				50K8	5000K, 82CRI						
7	.187" Clear Polycarbonate			Driver							
9	.250" Clear Polycarbonate			DCC	Dimming Constant Current Driver						
B	.375" Clear Polycarbonate			Voltage							
				DV	120-277VAC, 50/60Hz						
				347	347VAC, 60Hz						

† n/a with 347V

ACCESSORIES ORDERED SEPARATELY

MPWS Low Voltage Wall Switch (Click [here](#) for Specifications)



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A brand of Legrand

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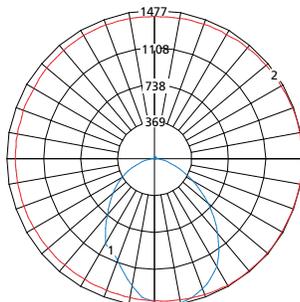
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PERFORMANCE

Model	Compartment	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
			@ 25°C	Efficacy (lm/W)			
MMPC22	Reading	25L-30K8	1,869	64	29	117	80,000
		25L-35K8	1,927	66			
		25L-40K8	1,992	69			
		25L-50K8	2,072	71			
	Ambient	45L-30K8	3,641	76	48	100	80,000
		45L-35K8	3,753	78			
		45L-40K8	3,881	81			
		45L-50K8	4,036	84			
	Reading/Ambient	25L/45L-30K8	5,517	72	77	117/100	80,000
		25L/45L-35K8	5,688	74			
		25L/45L-40K8	5,882	76			
		25L/45L-50K8	6,117	79			
MMPC24	Reading	25L-30K8	1,968	70	28	117	80,000
		25L-35K8	2,029	72			
		25L-40K8	2,098	75			
		25L-50K8	2,182	78			
	Ambient	45L-30K8	3,541	75	47	100	80,000
		45L-35K8	3,651	78			
		45L-40K8	3,775	80			
		45L-50K8	3,926	84			
	Exam	90L-30K8	9,008	97	93	100	60,000
		90L-35K8	9,286	100			
		90L-40K8	9,603	103			
		90L-50K8	9,987	107			
	Reading/Ambient/Exam	25L/45L/90L-30K8	14,314	86	167	117/100/100	60,000
		25L/45L/90L-35K8	14,756	88			
		25L/45L/90L-40K8	15,260	91			
		25L/45L/90L-50K8	15,870	95			

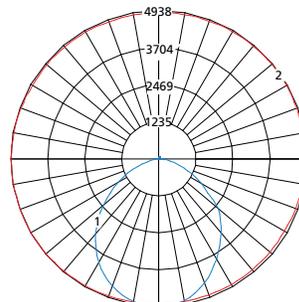
Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.

Model: MMPC22-G-1-9-25L/45L-40K8-40K8-DCC-DV



Maximum Candela = 1477 Located At Horizontal Angle = 0, Vertical Angle = 5
 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

Model: MMPC24-G-1-9-25L/45L/90L-40K8-40K8-DCC-DV

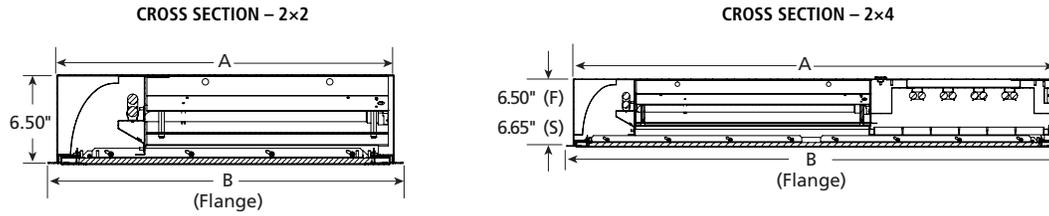


Maximum Candela = 4938 Located At Horizontal Angle = 210, Vertical Angle = 5
 1 - Vertical Plane Through Horizontal Angles (210-30) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

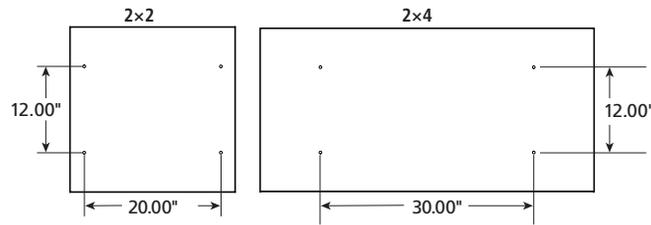


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DIMENSIONAL DATA



MOUNTING HOLES – SURFACE



DIMENSIONAL DATA (IN INCHES)

	A (HOUSING)		B (FLANGE)
2x2 Flange	18-Ga: 23.03x23.03/	16-Ga: 23.05x23.05/14-Ga: 23.08x23.08	24.26 x24.26
2x4 Flange	18-Ga: 23.03x47.03/	16-Ga: 23.05x47.05/14-Ga: 22.58x46.64	24.26x48.26
2x2 Surface	18-Ga: 22.94x22.94/	16-Ga: 22.99x22.99/14-Ga: 23.05x23.05	-----
2x4 Surface	18-Ga:22.94x46.94/	16-Ga: 22.99x46.99/14-Ga: 23.05x47.05	-----

Recommended Ceiling Cutout – Flange Mount:

2x2: 23.25x23.25

2x4: 23.25x47.25

**Add .375" to each cut-out dimension when Install Frame (IF) Accessory is specified