

MEDMASTER™

Patient Room Luminaires

MPC SERIES

PRODUCT FEATURES:

- » Ceiling mount – surface, grid, flange; 2'x2' and 2'x4'
- » 2'x2' provides ambient and reading lighting; 2'x4' provides ambient, reading and exam lighting
- » Optional Ingress Barrier Door provides consistent surface for cleanability



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

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. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Inside Flange Finish (non-IB): 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 stainless steel Phillips-head fasteners. Closed cell neoprene/EPDM/SBR gasket seals doorframe to housing.

ELECTRICAL: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz or 347VAC, 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); 330mA max. source current per circuit. Optional LVCD control provides low-voltage patient interface, controlling the ambient and reading modes independently with dimming control, and the exam function independently without dimming.

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" grid. (Housing includes hanging brackets to secure housing with wire to super structure). 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 is certified to UL Standards by Intertek Testing Laboratory for Wet Locations and non-IC installations (Grid/Flange mounting). ETL certified IP65 per IEC 60598. NSF2 Splash Zone (IB-AC only).



ORDERING INFORMATION (Ex: MPC24-S-25L/45L/90L-40K8-40K8-DCC-DV-SYM-IB-AC-LEL)

Model	Mounting Options	Lamp Power	R/A Lamp Color	Exam Lamp Color	Driver	Voltage	Optional Doorframe	Options	Accessories
DCC									
Series				Reading/Ambient Lamp Color					Lamp Shield Options 2'x4' (Exam Section)
MPC22 2'x2'				30K8 3000K, 82CRI					SYM Symmetric, Diffused DR Acrylic
MPC24 2'x4'				35K8 3500K, 82CRI					
				40K8 4000K, 82CRI					
				50K8 5000K, 82CRI					
Mounting Options				Exam Lamp Color					Optional Doorframe
S Surface				30K8 3000K, 82CRI					IB-AC Ingress Barrier w/Aircraft Cables
G Grid (1")				35K8 3500K, 82CRI					IB-HD Ingress Barrier w/Continuous Piano Hinge (not NSF2 listed)
F Flange				40K8 4000K, 82CRI					
				50K8 5000K, 82CRI					
Lamp Power				Driver					Options
2'x2'				DCC Dimming Constant Current Driver					LEL† LED Emergency Battery Pack (Wired to Ambient function)
25L/45L 25 Watt Reading/45 Watt Ambient LED									AMF Antimicrobial Finish on exposed surfaces
				Voltage					NLW† 2700K White LED Night Light
2'x4				DV 120-277VAC, 50/60Hz					NLA† Amber LED Night Light
25L/45L/90L 25 Watt Reading/45 Watt Ambient/90 Watt Exam LED				347 347VAC, 60Hz					LVC† Low Voltage Controller (Click here for specifications)
									LVCS† Low Voltage Controller with Secondary Knockout (Click here for specifications)
									LVCD† Low Voltage Controller with Dimming (Click here for specifications)
									LVCDST† Low Voltage Controller with Dimming and Secondary Knockout (Click here for specifications)
									FS Fuse & Holder
									RF† Radio Frequency Filter
									Accessories
									IF Install Frame (Flange only)
									† n/a with 347V

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



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

A brand of **legrand**

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.

MEDMASTER™
Patient Room Luminaires

MPC SERIES

PERFORMANCE

Model	Function	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
			@ 25°C	Efficacy (lm/W)			
MPC22	Reading	25L-30K8	2,014	69	29	117	80,000
		25L-35K8	2,076	72			
		25L-40K8	2,147	74			
		25L-50K8	2,233	77			
	Ambient	45L-30K8	3,923	82	48	100	80,000
		45L-35K8	4,044	84			
		45L-40K8	4,182	87			
		45L-50K8	4,350	91			
	Reading/Ambient	25L/45L-30K8	5,946	77	77	117/100	80,000
		25L/45L-35K8	6,129	80			
		25L/45L-40K8	6,339	82			
		25L/45L-50K8	6,592	86			
MPC24	Reading	25L-30K8	2,121	76	28	117	80,000
		25L-35K8	2,186	78			
		25L-40K8	2,261	81			
		25L-50K8	2,351	84			
	Ambient	45L-30K8	3,816	81	47	100	80,000
		45L-35K8	3,934	84			
		45L-40K8	4,068	87			
		45L-50K8	4,231	90			
	Exam	90L-30K8	9,706	104	93	100	60,000
		90L-35K8	10,007	108			
		90L-40K8	10,348	111			
		90L-50K8	10,762	116			
	Reading/Ambient/Exam	25L/45L/90L-30K8	15,424	92	167	117/100/100	60,000
		25L/45L/90L-35K8	15,901	95			
		25L/45L/90L-40K8	16,444	98			
		25L/45L/90L-50K8	17,102	102			

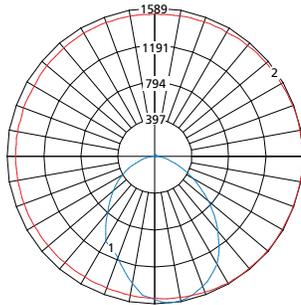
Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.



MEDMASTER™
Patient Room Luminaires
MPC SERIES

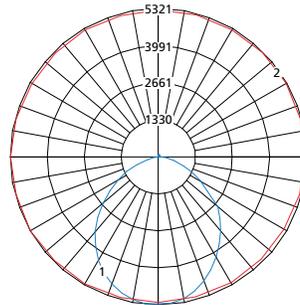
For additional photometry, go to www.kenall.com

Model: MPC22-G-1/2-25L/45L-40K8-DCC-120 (Reading/Ambient)



Maximum Candela = 1589 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.)

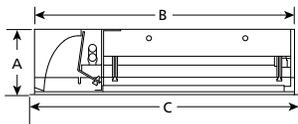
Model: MPC24-G-1/2/4-25L/45L/90L-40K8-DCC-120 (Reading/Ambient/Exam)



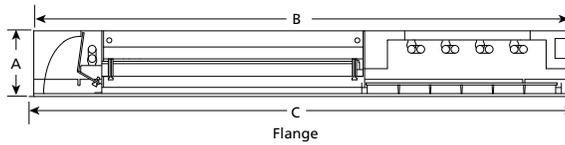
Maximum Candela = 5321 Located At Horizontal Angle = 210, Vertical Angle = 5
 1 - Vertical Plane Through Horizontal Angles (210-30) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

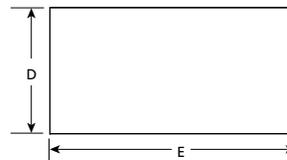
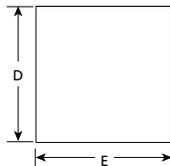
2'x2' HOUSING



2'x4' HOUSING



RECOMMENDED CEILING CUTOUT



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E
2'x2'	5.80*	23.00x23.00	23.75x23.75	23.25**	23.25**
2'x4'	5.80*	23.00x47.00	23.75x47.75	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



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

A brand of **legrand**

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.