

MEDMASTER™

Architectural Multi-Function Patient Room Luminaires

MPCNGX SERIES

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Architectural-grade multi-function recessed luminaire with ambient, exam and available reading functions
- » Universal housing accommodates either flange or grid applications
- » High-output, high-CRI white LED lamp sources for accurate color rendition and lighting performance
- » Diffused high-efficiency lens for reduced glare



2x2 Two-Function

2x4 Three-Function

2x4 Two-Function

SPECIFICATIONS

HOUSING: 20-gauge CRS with hole-free, one-piece, seam-welded construction. 18-gauge housing flange with mitered and welded corners. Gloss white TGIC polyester powder-coat finish with 5-stage pre-treatment.

DOOR/LENS ASSEMBLY: Seamless die-cast/extruded aluminum frame with tool-less access, secured to housing with internal torsion springs. 5-stage pre-treated low-gloss white TGIC polyester powder coat finish. High-efficiency diffused impact-resistant acrylic lens.

ELECTRICAL: Serviceable composite-bodied mid-power LED arrays. See Ordering Information for available CCT selections. Minimum 80 CRI standard (R9>20) with optional minimum 95 CRI (R9>70). 120-277VAC, 50/60Hz electrical input. Serviceable high power factor electronic, constant-current drivers (<10% THD, >0.90 PF). Standard 0-10V dimming with 0-100% range (1-100% range on reading function). 330µA max. source current per function. 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. Optional secondary conduit entry available.

INSTALLATION: Non-IC recessed ceiling mounting into grid and flange application types. Flange installation utilizes included adjustable swing-out mounting brackets. Grid installation suitable for 1" and 1.5" T-bar ceilings. Universal installation into grid or flange (drywall) ceiling applications.

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: Listed to UL1598 and UL8750 by Intertek Testing Laboratory (ETL) for Wet Locations. IP64 rating per IEC60598. NSF2 Splash/Non-Food Zone. Photometry tested to IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. CCEA compliant.



ORDERING INFORMATION (Ex: MPCNGX24-42L/21L/96L-35K8-50K9-DCC-DV-LVCD)

Model	Size	Lamp Power	Ambient/Reading Lamp Color	Exam Lamp Color	Driver Type	Voltage	Options
MPCNGX					DCC		
	Size			Exam Lamp Color		Voltage	
	22	2'x2'		35K8 3500K, 80 CRI		DV 120-277 Volts	
	24	2'x4'		35K9 3500K, 95 CRI			
	Lamp Power			40K8 4000K, 80 CRI		Options	
	2'x2'			40K9 4000K, 95 CRI		LVC Low Voltage Controller (Click here for specifications)	
	21L/48L	21W Ambient/48W Exam		50K8 5000K, 80 CRI		LVCS Low Voltage Controller with Secondary Conduit Entry (Click here for specifications)	
	2'x4'			50K9 5000K, 95 CRI		LVCD Low Voltage Controller with Dimming (Click here for specifications)	
	42L/96L	42W Ambient/96W Exam		Driver Type		LVCDS Low Voltage Controller with Dimming and Secondary Conduit Entry (Click here for specifications)	
				DCC 0-10V Dimming Constant-Current		AMF Anti-microbial low-gloss white on all exposed surfaces	
			Two-function				
			42L/21L/96L 42W Ambient/21W Reading/96W Exam				
			Three-function				
	Ambient/Reading Lamp Color						
	35K8	3500K, 80 CRI					
	35K9	3500K, 95 CRI					
	40K8	4000K, 80 CRI					
	40K9	4000K, 95 CRI					
	50K8	5000K, 80 CRI					
	50K9	5000K, 95 CRI					

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. ©2019 Kenall Mfg. Co.

MEDMASTER™

Architectural Multi-Function Patient Room Luminaires

MPCNGX SERIES

THREE-FUNCTION PERFORMANCE

Mode	Input Power (W)	MPCNGX24 Series - Total Lumens				Estd. L70 LED Life (hrs)
		Min CRI/Min R9	3500K	4000K	5000K	
Ambient	53	80 / 20	4,125	4,209	4,572	85,000
		95 / 70	3,250	3,347	3,593	
Exam	112	80 / 20	10,290	10,500	11,407	85,000
		95 / 70	8,168	8,400	8,939	
High-Power Exam*	188	80 / 20	16,009	16,335	17,746	85,000
		95 / 70	12,673	13,039	13,921	
Reading	26	80 / 20	1,924	1,963	2,133	85,000
		95 / 70	1,516	1,561	1,676	

2'x4' TWO-FUNCTION PERFORMANCE

Mode	Input Power (W)	MPCNGX24 Series - Total Lumens				Estd. L70 LED Life (hrs)
		Min CRI/Min R9	3500K	4000K	5000K	
Ambient	53	80 / 20	4,125	4,209	4,572	85,000
		95 / 70	3,250	3,347	3,593	
Exam	112	80 / 20	10,290	10,500	11,407	85,000
		95 / 70	8,168	8,400	8,939	
High-Power Exam*	188	80 / 20	14,124	14,412	15,656	85,000
		95 / 70	11,187	11,510	12,279	

2'x2' TWO-FUNCTION PERFORMANCE

Mode	Input Power (W)	MPCNGX22 Series - Total Lumens				Estd. L70 LED Life (hrs)
		Min CRI/Min R9	3500K	4000K	5000K	
Ambient	26	80 / 20	2,063	2,105	2,286	85,000
		95 / 70	1,625	1,674	1,797	
Exam	56	80 / 20	5,145	5,250	5,704	85,000
		95 / 70	4,084	4,200	4,470	
High-Power Exam*	82	80 / 20	7,062	7,206	7,828	85,000
		95 / 70	5,594	5,755	6,139	

* High-Power Exam mode is a scene created with the Ambient, Exam and Reading (if applicable) functions ON at 100% output. Visit www.kenall.com for IES files and additional information.



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. ©2019 Kenall Mfg. Co.

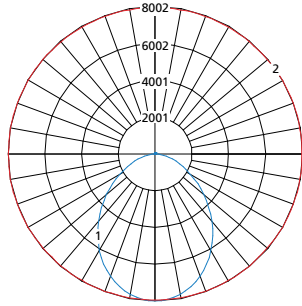
A brand of Legrand

MEDMASTER™

Architectural Multi-Function Patient Room Luminaires

MPCNGX24 SERIES

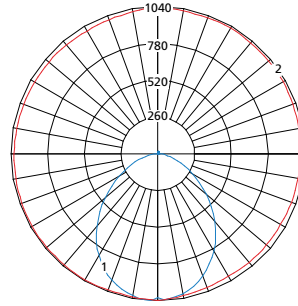
Model: MPCNGX24-42L/21L/96L-40K8-DCC-DV All Functions On



Maximum Candela = 8002 Located At Horizontal Angle = 15, Vertical Angle = 2.5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

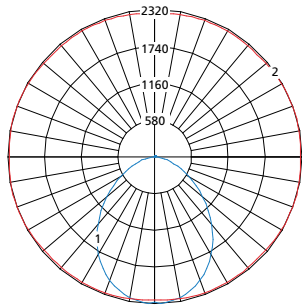
Model: MPCNGX24-42L/21L/96L-40K8-DCC-DV Reading



Maximum Candela = 1040 Located At Horizontal Angle = 270, Vertical Angle = 2.5

- 1 - Vertical Plane Through Horizontal Angles (270-90) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

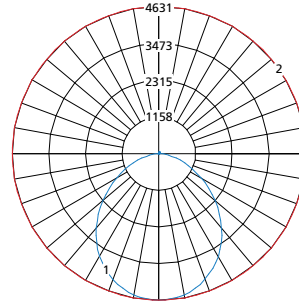
Model: MPCNGX24-42L/21L/96L-40K8-DCC-DV Ambient



Maximum Candela = 2320 Located At Horizontal Angle = 15, Vertical Angle = 2.5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

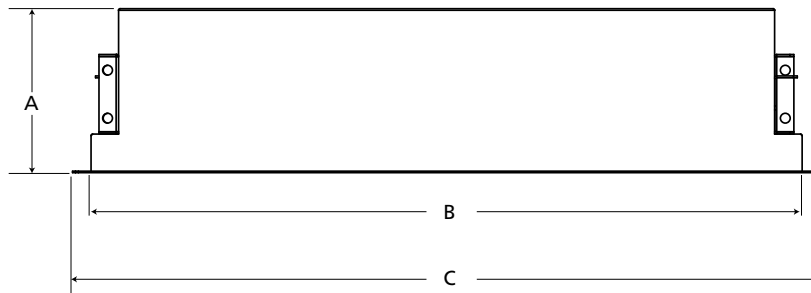
Model: MPCNGX24-42L/21L/96L-40K8-DCC-DV Exam



Maximum Candela = 4631 Located At Horizontal Angle = 0, Vertical Angle = 0

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)

	A	B	C
2x2	5.42	22.60 x 22.60	23.75 x 23.75
Recommended Ceiling Cut-Out		22.85 x 22.85	
2x4	5.42	22.60 x 46.60	23.75 x 47.75
Recommended Ceiling Cut-Out		22.85 x 46.85	



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. ©2019 Kenall Mfg. Co.

A brand of **legrand**