

MEDMASTER ENVELA® Patient Room Luminaires

ME SERIES

PRODUCT FEATURES:

- » Ceiling mount – 1'x1', 1'x4', 2'x2', 2'x4'
- » Cleanable to NSF2 and sealed to IP64 construction standards
- » High-output performance - up to 12,000 lm and 126 lm/W



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: 20-gauge CRS. One-piece seam welded construction. Housing flange in 18-gauge CRS, with mitered and welded corners, spot-welded to housing. Mitered and welded corners. Black TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours.

REFLECTOR/LENS ASSEMBLY: Fully gasketed, sealed luminous shield diffuser constructed of impact-resistant frost DR acrylic (FA) or clear acrylic with perforated metal insert (PAF). Reflector constructed in one-piece, formed 20-gauge CRS. Low-gloss white TGIC polyester powder coat with 5-stage pre-treatment. Salt spray test 1,000 hours. Tool-less lamp access.

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 with dim-to-dark capabilities (non dim-to-dark with 347V); 330µA maximum source current. Optional LVC and LVCD provides a low-voltage patient interface, controlling the ambient and optional night light functions with (LVCD) and without (LVC) dimming control. Consult factory for fluorescent lamp options.

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

INSTALLATION: **GRID MOUNT:** Designed for 1" and Slot-T grid. Includes hardware to secure hanger wire. **FLANGE MOUNT:** Includes Drywall Frame Kit.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

WARRANTY: Limited five (5) year warranty.

LISTINGS: UL and CUL Listed for Wet Location. UL certified IP64 per IEC 60598. NSF2 Splash/Non-Food Zone. CCEA Approved.



ORDERING INFORMATION (Ex: ME24-G-45L35K-DCC-DV-FA-NLA)

Model	Mounting Options	Lamp Type	Driver Type	Input Voltage	Lens Type	Options
			DCC			
Series Model		2'x4'				Options
ME11 1'x1'		45L30K 45 Watt 3000K LED				LEL* 10W Emergency Battery Pack (n/a in combination with LVC/LVCD on 2x2 fixture)
ME14 1'x4'		45L35K 45 Watt 3500K LED				AMF Antimicrobial Low-Gloss White on exposed surfaces of Reflector/Lens Frame
ME22 2'x2'		45L40K 45 Watt 4000K LED				FS Fuse & Holder
ME24 2'x4'		45L50K 45 Watt 5000K LED				LVC* Low Voltage Controller (Click here for specifications)
Mounting Options		67L30K 67 Watt 3000K LED				LVCD* Low Voltage Controller with Dimming (Click here for specifications)
G Grid (1")		67L35K 67 Watt 3500K LED				NLW* 2700K White LED Night Light
ST Slot-T Grid (2x2 & 2x4 only)		67L40K 67 Watt 4000K LED				NLA* Amber LED Night Light
F† Flange		67L50K 67 Watt 5000K LED				RF• Radio Frequency Filter
Lamp Type		90L30K 90 Watt 3000K LED				
1x1		90L35K 90 Watt 3500K LED				* n/a with 1x1 size or 347V
26L30K 26 Watt 3000K LED		90L40K 90 Watt 4000K LED				• n/a with 347V
26L35K 26 Watt 3500K LED		90L50K 90 Watt 5000K LED				‡ n/a with 1x1
26L40K 26 Watt 4000K LED						^ Selection results in significant reduction in lighting performance
26L50K 26 Watt 5000K LED						
1x4		Driver Type				
45L30K 45 Watt 3000K LED		DCC 0-10V Dimming to 1%				
45L35K 45 Watt 3500K LED		Input Voltage				
45L40K 45 Watt 4000K LED		DV 120-277 Volts				
45L50K 45 Watt 5000K LED		347 347 Volts				
2x2		Lens Type				
45L30K 45 Watt 3000K LED		FA Frosted DR Acrylic				
45L35K 45 Watt 3500K LED		CAP^ Clear DR Acrylic with Perforated Insert				
45L40K 45 Watt 4000K LED						
45L50K 45 Watt 5000K LED						

ACCESSORIES ORDERED SEPARATELY

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



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A brand of **legrand**

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PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
ME11	26L30K	1,687	58	29	94	80,000
	26L35K	1,740	60			
	26L40K	1,799	62			
	26L50K	1,871	65			
ME14	45L30K	4,850	97	50	100	80,000
	45L35K	5,000	100			
	45L40K	5,171	103			
	45L50K	5,525	110			
ME22	45L30K	4,289	86	50	100	80,000
	45L35K	4,421	88			
	45L40K	4,572	91			
	45L50K	4,885	98			
ME24	45L30K	5,576	112	50	94	80,000
	45L35K	5,749	115			
	45L40K	5,945	119			
	45L50K	6,183	124			
	67L30K	8,365	113	74	66	80,000
	67L35K	8,624	117			
	67L40K	8,918	121			
	67L50K	9,275	125			
	90L30K	11,152	114	98	94	80,000
	90L35K	11,497	117			
	90L40K	11,889	121			
	90L50K	12,365	126			

Displayed information is for type 'FA' diffuser. Apply 0.52 derating factor to provided output values for 'CAP' diffuser option. Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For photometric data, please go to www.kenall.com.

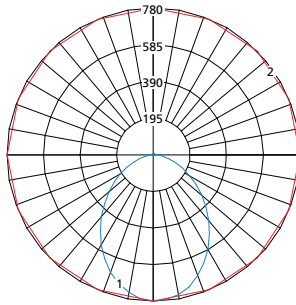


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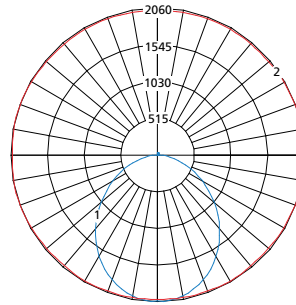
Model: ME14-G-45L40K-DCC-DV-FA



Maximum Candela = 780 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.)

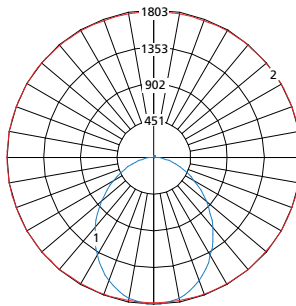
Model: ME14-G-45L40K-DCC-DV-FA



Maximum Candela = 2060 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.)

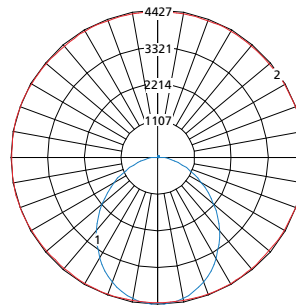
Model: ME22-G-45L40K-DCC-DV-FA



Maximum Candela = 1803 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.)

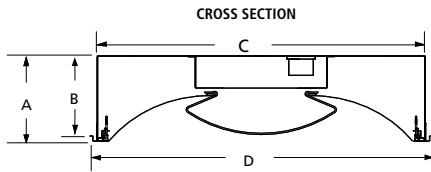
Model: ME24-G-45L40K-DCC-DV-FA



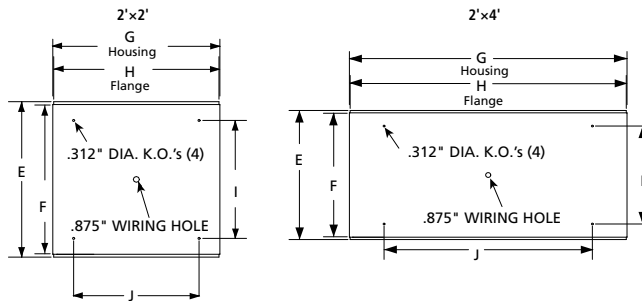
Maximum Candela = 4427 Located At Horizontal Angle = 15, Vertical Angle = 2.5

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

DIMENSIONAL DATA



BACK VIEW



DIMENSIONAL DATA (IN INCHES)

	A	B*	C	D	E	F	G	H	I	J
1x1	6.30	5.93*	10.70	11.70	10.70	11.70	11.98	11.72	8.00	8.00
1x4	6.30	5.93*	10.70	11.70	10.70	11.70	47.98	47.72	8.00	36.00
2x2	6.30	5.93*	22.70	23.72	23.72	22.70	23.98	23.72	18.00	18.00
Recommended Ceiling Cut-Out 24.50x24.50 (Flange fixtures)										
2x4	6.30	5.93*	22.70	23.72	23.72	22.70	47.98	47.72	18.00	36.00
Recommended Ceiling Cut-Out 24.50x48.50 (Flange fixtures)										

*ST Mounting Option Only



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