

MEDMASTER™ AMBIENT

AMB SERIES

PROJECT INFORMATION

Job Name _____

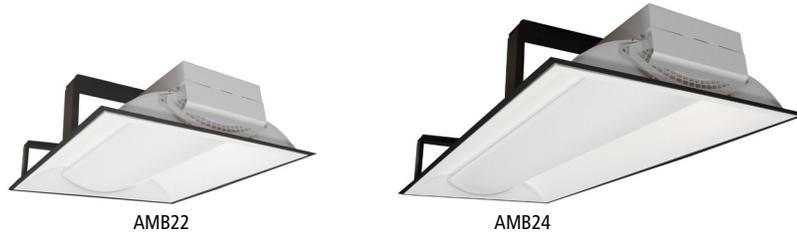
Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Recessed mount – Flange or Grid; 2'x2', 2'x4'
- » Provides ambient lighting
- » Tool-less access for relamping and maintenance



SPECIFICATIONS

HOUSING: 20-gauge CRS. One-piece construction. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours.

FLANGE: 18-gauge CRS, standard 4-piece construction, spot-welded to hanger bars and secured to housing. Mitered and welded corners. Black TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours.

REFLECTOR/LENS ASSEMBLY: 20-gauge CRS. One-piece seam-welded construction. Tool-free lamp access. White High (92%) Reflectance Low Gloss TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours.

LAMP SHIELDING: Fully gasketed, sealed luminous shield of impact resistant DR acrylic. See Ordering Information for lens options.

ELECTRICAL: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, or 347VAC 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); 330 µA max. source current. Consult factory for fluorescent 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.

WARRANTY: Limited five (5) year LED warranty.

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.

LISTINGS: Certified to UL Standards by Intertek Testing Laboratory for Damp Locations. NSF2 Splash/Non-Food Zone.



ORDERING INFORMATION (Ex: AMB24-G-90L40K-DCC-DV-FS)

Model	Mounting	Lamp Type	Driver Type	Voltage	Lens Type	Options
DCC						
Model		Lamp Qty/Type		Voltage		
AMB22 2'x2'		2x2		120 120 Volts		
AMB24 2'x4'		45L30K 45 Watt 3000K LED		277 277 Volts		
		45L35K 45 Watt 3500K LED		347 347 Volts		
		45L40K 45 Watt 4000K LED		DV 120-277 Volts		
		45L50K 45 Watt 5000K LED				
Mounting Options				Lens Type		
G Grid (1")				FA Frost DR Acrylic		
ST Grid (Slot T)				CAP Clear DR Acrylic with Perf		
F Flange				Options		
		2x4		AMF Antimicrobial Low-Gloss White on exposed surfaces of Reflector/Lens Frame		
		45L30K 45 Watt 3000K LED		FS Fuse & Holder		
		45L35K 45 Watt 3500K LED				
		45L40K 45 Watt 4000K LED				
		45L50K 45 Watt 5000K LED				
		67L30K 67 Watt 3000K LED				
		67L35K 67 Watt 3500K LED				
		67L40K 67 Watt 4000K LED				
		67L50K 67 Watt 5000K LED				
		90L30K 90 Watt 3000K LED				
		90L35K 90 Watt 3500K LED				
		90L40K 90 Watt 4000K LED				
		90L50K 90 Watt 5000K LED				
		Driver Type				
		DCC 0-10V Dimming Constant Current				



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.

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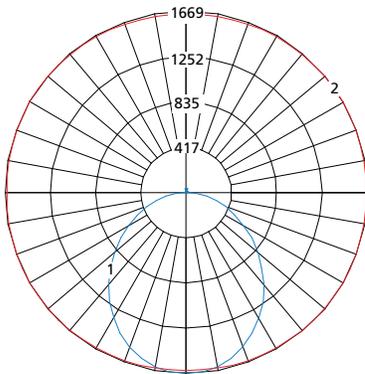
AMB SERIES

PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
AMB22	45L30K	4,289	88	49	94	80,000
	45L35K	4,421	90	49	94	80,000
	45L40K	4,572	93	49	94	80,000
	45L50K	4,755	97	49	94	80,000
AMB24	45L30K	5,104	102	50	94	80,000
	45L35K	5,261	105	50	94	80,000
	45L40K	5,441	109	50	94	80,000
	45L50K	5,659	113	50	94	80,000
	67L30K	7,316	99	74	66	80,000
	67L35K	7,543	102	74	66	80,000
	67L40K	7,800	105	74	66	80,000
	67L50K	8,112	109	74	66	80,000
	90L30K	9,306	94	99	94	60,000
	90L35K	9,594	97	99	94	60,000
	90L40K	9,921	100	99	94	60,000
	90L50K	10,318	104	99	94	60,000

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

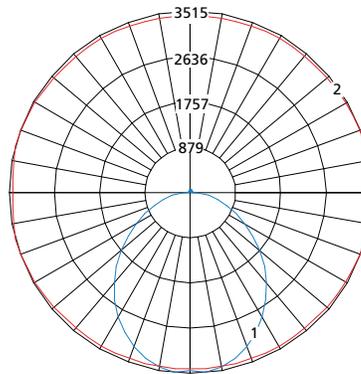
Model: AMB22-F-45L40K-DCC-1-DV-FA



Maximum Candela = 1669 Located At Horizontal Angle = 30, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (30-210) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

Model: AMB24-F-90L40K-DCC-1-DV-FA



Maximum Candela = 3515 Located At Horizontal Angle = 15, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)



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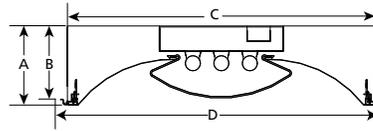
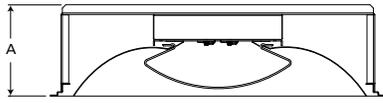
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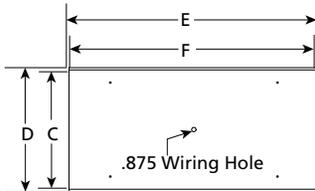
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DIMENSIONAL DATA

SIDE VIEW



TOP VIEW



	A	B	C	D	E	F
AMB22-LED	6.45"	---	---	23.75"	23.75"	---
Recommended ceiling cutout for 2x2 Flange Frame Kit is 24.50" x 24.50"						
AMB24-LED	6.45"	---	---	23.75"	47.75"	---
Recommended ceiling cutout for 2x2 Flange Frame Kit is 48.50" x 24.50"						

