

MEDMASTER™ AMBIENT

AMB SERIES

PROJECT INFORMATION

Job Name _____

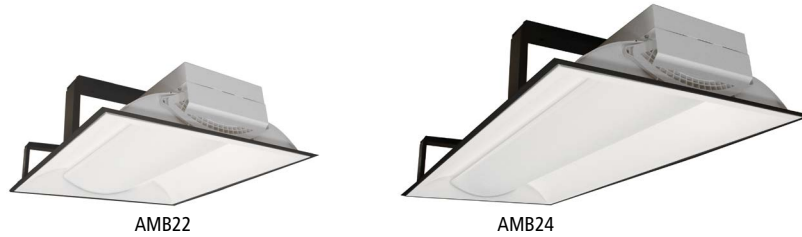
Fixture Type _____

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



AMB22

AMB24

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: **LED:** Available 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 3-100% range. **Linear Fluorescent:** Electronic 120, 277 or 347V ballasts high power factor (<10% THD). Lamps by others.

INSTALLATION: **GRID MOUNT:** Designed for 1" and Slot-T grid. Includes hardware to secure hanger wire. **FLANGE MOUNT:** Includes 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: UL and CUL Listed for Damp Location. NSF2 Splash/Non-Food Zone.



ORDERING INFORMATION (Ex: AMB24-G-90L40K-DCC-DV-F5)

Model	Mounting	Lamp Qty/Type	Ballast/Driver Type	Ballast Qty	Voltage	Lens Type	Options
Model							
AMB22	2'x2'	2x4					
AMB24	2'x4'	45L35K†	45 Watt 3500K LED				
		45L40K†	45 Watt 4000K LED				
		45L50K†	45 Watt 5000K LED				
Mounting Options							
G	Grid (1")	67L35K†	67 Watt 3500K LED				
ST	Grid (Slot T)	67L40K†	67 Watt 4000K LED				
F	Flange	67L50K†	67 Watt 5000K LED				
Lamp Qty/Type							
		2x2					
		45L35K†	45 Watt 3500K LED				
		45L40K†	45 Watt 4000K LED				
		45L50K†	45 Watt 5000K LED				
		2-14†**	Two F14T5				
		3-14†**	Three F14T5				
		4-14†**	Four F14T5				
		2-17	Two F17T8				
		3-17	Three F17T8				
		4-17	Four F17T8				
		1-24†**	One F24T5HO				
		2-24†**	Two F24T5HO				
		3-24†**	Three F24T5HO				
Ballast/Driver Type							
		2-28†**	Two F28T5				
		3-28†**	Three F28T5				
		4-28†**	Four F28T5				
		2-32	Two F32T8				
		3-32	Three F32T8				
		4-32	Four F32T8				
		1-54**	One F54T5HO				
		2-54**	Two F54T5HO				
		3-54**	Three F54T5HO				
		1-54A**	One F54T5HO Amalgam				
		2-54A**	Two F54T5HO Amalgam				
		3-54A**	Three F54T5HO Amalgam				
Ballast Quantity (n/a with LED)							
				1	One		
				2	Two		
Voltage							
					120	120 Volts	
					277	277 Volts	
					347	347 Volts (Consult Factory)	
					DV	120-277 Volts	
Lens Type							
						FA	Frost DR Acrylic
						CAP	Clear DR Acrylic with Perf
Options							
						EL†	One-Lamp Emergency Battery Pack (32°F)
						AMF	Antimicrobial Low-Gloss White on exposed surfaces of Reflector/Lens Frame Fuse & Holder
						FS	Fuse & Holder
							† n/a with 347V
							** RS ballast only
							‡ n/a with LED

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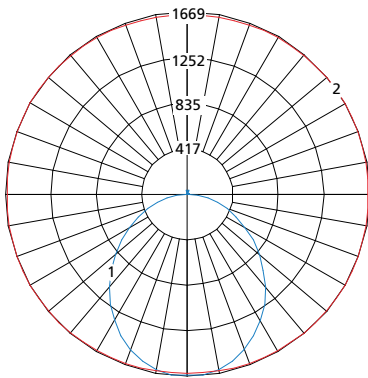
AMB SERIES

PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
AMB22	45L35K	4289	87	49	94	80,000
	45L40K	4572	93	49	94	80,000
	45L50K	4755	97	49	94	80,000
AMB24	45L35K	5104	102	50	94	80,000
	45L40K	5441	109	50	94	80,000
	45L50K	5659	113	50	94	80,000
	67L35K	7316	99	74	66	80,000
	67L40K	7800	105	74	66	80,000
	67L50K	8112	109	74	66	80,000
	90L35K	9306	94	99	94	60,000
	90L40K	9921	100	99	94	60,000
	90L50K	10318	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.

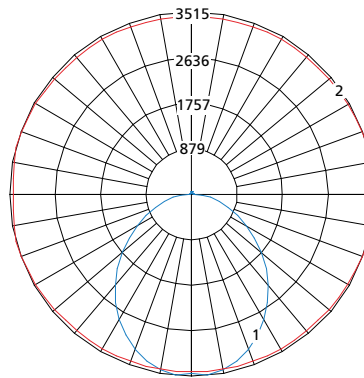
Model: AMB22-F-45L40K-DCC-1-DV-FA



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

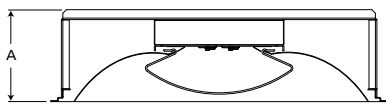


Maximum Candela = 3515 Located At Horizontal Angle = 15, Vertical Angle = 5

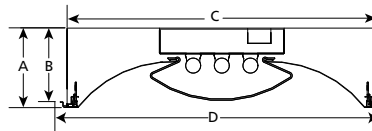
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

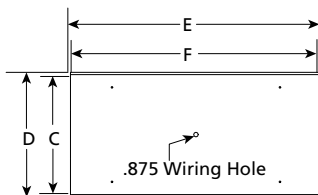
AMB22/24-LED
SIDE VIEW



AMB22/24-LF
SIDE VIEW



TOP VIEW



DIMENSIONAL DATA

	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"						
AMB22-LF	6.30"	5.93"	22.70"	23.70"	23.98"	23.72"
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"						
AMB24-LF	6.30"	5.93"	22.70"	23.70"	47.98"	47.72"
Recommended ceiling cutout for 2x4 Flange Frame Kit is 48.50" x 24.50"						

