

MEDMASTER™ AMBIENT

AMB SERIES using Indigo-Clean Technology

PROJECT INFORMATION

Job Name _____

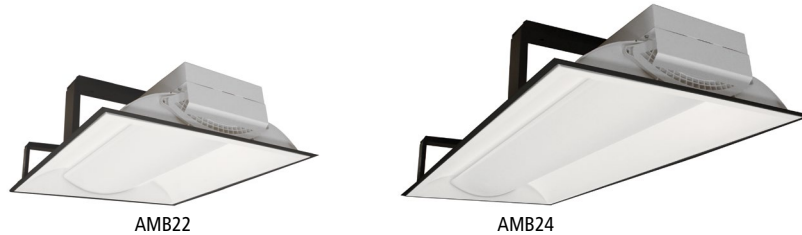
Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Recessed mount – Flange or Grid; 2'×2', 2'×4'
- » Provides on-demand environmental disinfection via LED light
- » Single, white disinfection mode
- » Independent laboratory tested to kill harmful bacteria, including Staph*, such as MRSA**
- » 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.

ELECTRICAL: Single, white disinfection mode. Serviceable mid-power white and 405nm Indigo LED array. Available 3200K, 3700K and 4300K color temperature with 3-step MacAdam variation allowance. Minimum 82 CRI standard. 120-277VAC and 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current drivers (<10% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities. 400µA maximum source current.

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 warrant.

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. EPA Est. No. 99283-WI-1.

* Per independent lab report #5GS-09517036476. Contact Kenall for a copy of this report.

**Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016.



ORDERING INFORMATION (Ex: AMB24-G-82C37K-DCC-DV-FA)

Model	Mounting	Lamp Type	Driver Type	Voltage	Lens Type	Options
			DCC		FA	
Model		Lamp Type		Voltage		
AMB22 2'×2'		2×2		DV 120-277 Volts		
AMB24 2'×4'		55C32K 55 Watt 3200K White & Indigo LED (82 CRI)		347 347 Volts		
		55C37K 55 Watt 3700K White & Indigo LED (82 CRI)				
		55C43K 55 Watt 4300K White & Indigo LED (82 CRI)				
Mounting Options		2×4		Lens Type		
G Grid (1")		55C32K 55 Watt 3200K White & Indigo LED (82 CRI)		FA Frost DR Acrylic		
ST Grid (Slot T)		55C37K 55 Watt 3700K White & Indigo LED (82 CRI)				
F Flange		55C43K 55 Watt 4300K White & Indigo LED (82 CRI)		Options		
		82C32K 82 Watt 3200K White & Indigo LED (82 CRI)		AMF Antimicrobial Low-Gloss White on exposed surfaces of Reflector/Lens Frame		
		82C37K 82 Watt 3700K White & Indigo LED (82 CRI)		FS Fuse & Holder		
		82C43K 82 Watt 4300K White & Indigo LED (82 CRI)				
		110C32K 110 Watt 3200K White & Indigo LED (82 CRI)				
		110C37K 110 Watt 3700K White & Indigo LED (82 CRI)				
		110C43K 110 Watt 4300K White & Indigo LED (82 CRI)				
		Driver Type				
		DCC 0-10V Dimming Constant Current				



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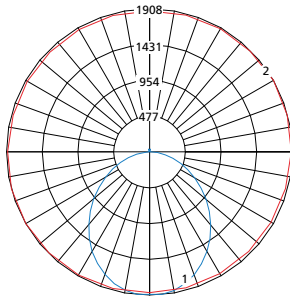
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PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C (lm)	Efficacy (lm/W)			
AMB22	55C32K	4,988	80	62	125	80,000
	55C37K	5,117	83	62	125	80,000
	55C43K	5,169	83	62	125	80,000
AMB24	55C32K	6,240	99	63	125	80,000
	55C37K	6,401	102	63	125	80,000
	55C43K	6,466	103	63	125	80,000
	82C32K	9,422	101	93	93	80,000
	82C37K	9,666	104	93	93	80,000
	82C43K	9,765	105	93	93	80,000
	110C32K	11,611	93	125	125	80,000
	110C37K	11,912	95	125	125	80,000
110C43K	12,034	96	125	125	80,000	

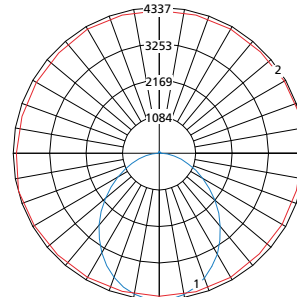
Information subject to change without notice. Visit www.kenall.com for IES files and additional information.

Model: AMB22-XX-55C37K-DCC-DV-FA



Max Candela = 1908 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.)

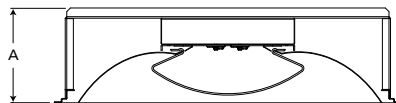
Model: AMB24-XX-110C37K-DCC-DV-FA



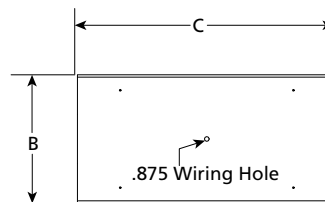
Max Candela = 4337 Located At Horizontal Angle = 15, Vertical Angle = 5
 1 - Vertical Plane Through Horizontal Angles (15 - 195) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

SIDE VIEW



TOP VIEW



DIMENSIONAL DATA

	A	B	C
AMB22	6.45"	23.75"	23.75"
Recommended ceiling cutout for 2x2 Flange Frame Kit is 24.50" x 24.50"			
AMB24	6.45"	23.75"	47.75"
Recommended ceiling cutout for 2x4 Flange Frame Kit is 24.50" x 48.50"			



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