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Antares

Multi-Function Ceiling Light

The Antares Multi-Function Ceiling Light provides a variety of lighting options in an aesthetically pleasing and easy to install ceiling mounted fixture. Combining unobtrusive, clean design and endless functionality, the Antares Multi-Function Ceiling Light is effective in nearly any setting.



HOUSING: FLANGE AND GRID: 20-gauge CRS one-piece construction (IB is one piece seam welded construction). **SURFACE:** 18-gauge CRS one-piece seam welded construction. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Inside Flange Finish (non-IB): black matte TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours.

OPTIONAL DOORFRAME: IB-AC OR IB-HD OPTIONS ONLY. Heavy duty extruded aluminum with clear satin anodized finish. Doorframe supported to housing with aircraft cables (IB-AC) to provide NSF2 listing, or an optional continuous hinged doorframe (IB-HD). Select in ordering options below. Doorframe secured to housing with stainless steel Phillips-head fasteners. Closed cell neoprene/EPDM/SBR gasket seals doorframe to housing.

ELECTRICAL: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz or 347VAC, 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); 330µA max. source current per circuit. 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.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls.

INSTALLATION: SURFACE MOUNT: Four .312" diameter holes. GRID MOUNT: Designed for 1" grid. (Housing includes hanging brackets to secure housing with wire to super structure).

FLANGE MOUNT: Yoke mounting hardware & brackets included. Install Frame positively locates yoke brackets within ceiling opening assures alignment of fixture. Install frame has no need for drywall backing. Backing is supplied on the frame brackets.

LISTINGS: Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Locations and non-IC installations (Grid/Flange mounting). ETL certified IP65 per IEC 60598. NSF2 Splash Zone (IB-AC only).

Reading/Ambient Lamp Color:

30K8 3000K, 82CRI
35K8 3500K, 82CRI
40K8 4000K, 82CRI
50K8 5000K, 82CRI

Exam Lamp Color:

30K8 3000K, 82CRI
35K8 3500K, 82CRI
40K8 4000K, 82CRI
50K8 5000K, 82CRI

DCC: Dimming Constant
Current Driver

Voltage:

DV: 120-277VAC, 50/60Hz
347: 347VAC, 60Hz

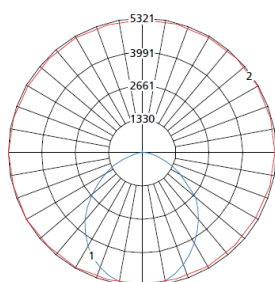
Lamp Wattage: 25 Watt Reading/45 Watt Ambient/90 Watt Exam LED

PERFORMANCE

Model	Function	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
			@ 25°C	Efficacy (lm/W)			
	Reading	25L-30K8	2,121	76	28	117	80,000
		25L-35K8	2,186	78			
		25L-40K8	2,261	81			
		25L-50K8	2,351	84			
	Ambient	45L-30K8	3,816	81	47	100	80,000
		45L-35K8	3,934	84			
		45L-40K8	4,068	87			
		45L-50K8	4,231	90			
	Exam	90L-30K8	9,706	104	93	100	60,000
		90L-35K8	10,007	108			
		90L-40K8	10,348	111			
		90L-50K8	10,762	116			
	Reading/Ambient/Exam	25L/45L/90L-30K8	15,424	92	167	117/100/100	60,000
		25L/45L/90L-35K8	15,901	95			
		25L/45L/90L-40K8	16,444	98			
		25L/45L/90L-50K8	17,102	102			



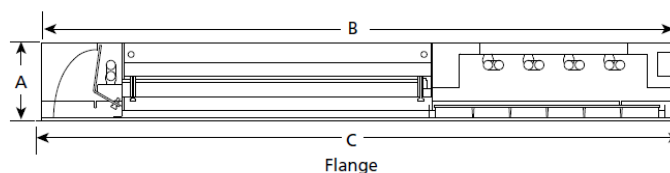
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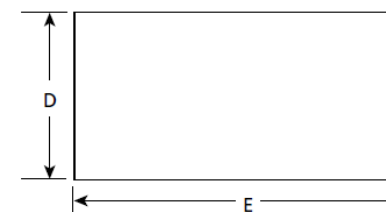
Maximum Candela = 5321 Located At Horizontal Angle = 210, Vertical Angle = 5

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

2'x4' HOUSING



RECOMMENDED CEILING CUTOUT



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E
2'x4'	5.80*	23.00x47.00	23.75x47.75	23.25**	47.25**

*Add .25" to fixture height when Ingress Barrier (IB) Option is specified

**Add .25" to each cut-out dimension when Install Frame (IF) Accessory is specified