

HIGH ABUSE

HASEDI SERIES using Indigo-Clean Technology

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Provides on-demand environmental disinfection via LED light
- » Single, white disinfection mode
- » Independent laboratory tested to kill harmful bacteria, including Staph*, such as MRSA**
- » Effective and efficient lighting performance
- » Suitable for universal installation into 1" and 1.5" grid and flange (drywall) ceilings
- » Peace of Mind Guarantee™ against breakage



1'x4'

2'x2'

2'x4'

SPECIFICATIONS

HOUSING: 20-gauge CRS. Hole-free, one-piece, seam-welded construction. 18-gauge housing flange with mitered and welded corners. White TGIC polyester powder coat finish – 5-step pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

DOORFRAME: 18-gauge CRS. One-piece inset construction with welded corners. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Optional 20 gauge type 304 stainless steel with 4B brushed finish. Lens frame secured to housing with continuous hinge and 3 tamper-resistant stainless steel Torx® with center pin fasteners.

OPTICS: Diffused acrylic inner lens with 0.25" clear polycarbonate outer lens. Lens sealed to doorframe with silicone sealant and secured with continuous lens retention system.

ELECTRICAL: Serviceable mid-power white and 405nm Indigo LED array. Available 3200K, 3700K and 4300K color temperatures with 3-step MacAdam variation allowance. Minimum 82 CRI standard. 120-277VAC and 347VAC 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 (non dim-to-dark with 347V); 660µA maximum source current. Single, white disinfection mode.

INSTALLATION: Adjustable swing-out mounting brackets standard. Suitable installation into -30°C to 40°C ambient environments, unless otherwise noted.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard. For additional photometric data, please go to www.kenall.com

WARRANTY: Limited five (5) year LED warranty

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratory for non-IC and Wet Location installations. ETL certified IP65 per IEC60598. 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.



PEACE OF MIND
Guarantee®



ORDERING INFORMATION (Ex: HASEDI-24-82C37K-DIM1-DV-2F-2H-SYM/9-2C)

Model	Size	Lamp Type	Driver	Voltage	Doorframe	Housing	Lens Type	Options
HASEDI			DIM1				SYM/9	
Size		Lamp Type	Driver Type				Lens Type	
14 1'x4'		1'x4'	DIM1 0-10V Dimming to 1%				SYM/9 Symmetric, Diffused DR Acrylic inside lens .250" Clear Polycarbonate outside lens	
22 2'x2'		55C32K‡ 55 Watt 3200K White & Indigo LED	Voltage				Options	
24 2'x4'		55C37K‡ 55 Watt 3700K White & Indigo LED	DV 120-277VAC, 50/60Hz				LEL • 8.4W Emergency Battery Backup	
		55C43K‡ 55 Watt 4300K White & Indigo LED	120 120VAC, 60Hz				FS Fuse & Holder	
		82C32K 82 Watt 3200K White & Indigo LED	277 277VAC, 60Hz				HJ Sealed Wireway	
		82C37K 82 Watt 3700K White & Indigo LED	347 347VAC, 60Hz				IF*† Install Frame	
		82C43K 82 Watt 4300K White & Indigo LED	Doorframe Options				PF* Plaster Frame	
			2F 18-Ga CRS Painted (STD)				RM† Continuous Row Mounting	
			5F 20-Ga Type 304 SS Brushed				TH 1/2" Trade Size Threaded Hub	
			Housing/Flange Options				2C Two Circuit Wiring	
			2H 20-Ga CRS/18-Ga CRS (STD)					
			5H5 20-Ga Type 304 SS/18-Ga Type 304 SS					
			2H5 20-Ga CRS/18-Ga Type 304 SS					
		2'x2'						
		55CD32K 55 Watt 3200K White & Indigo LED						
		55CD37K 55 Watt 3700K White & Indigo LED						
		55CD43K 55 Watt 4300K White & Indigo LED						
		82C32K 82 Watt 3200K White & Indigo LED						
		82C37K 82 Watt 3700K White & Indigo LED						
		82C43K 82 Watt 4300K White & Indigo LED						
		110C32K 110 Watt 3200K White & Indigo LED						
		110C37K 110 Watt 3700K White & Indigo LED						
		110C43K 110 Watt 4300K White & Indigo LED						
		165C32K 165 Watt 3200K White & Indigo LED						
		165C37K 165 Watt 3700K White & Indigo LED						
		165C43K 165 Watt 4300K White & Indigo LED						

* Add .375" to ceiling cut out dimensions

† Only available when installed in drywall ceilings (flange mount)

‡ n/a with 2C option

• Voltage-specific selection required; n/a 347V. Height of fixture is 5.875" with LEL option. 0°C/32°F min. operating environment.



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A brand of **legrand**

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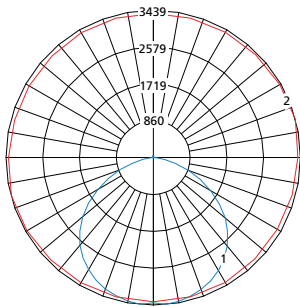
HIGH ABUSE

HASEDI SERIES – with Indigo-Clean Technology

PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
Model	Lamp Type	@ 25°C (lm)	Efficacy (lm/W)			
HASEDI14	55C32K	5,254	83	63	125	80,000
	55C37K	5,390	86	63	125	80,000
	55C43K	5,445	86	63	125	80,000
	82C32K	7,934	85	93	93	80,000
	82C37K	8,139	88	93	93	80,000
	82C43K	8,222	88	93	93	80,000
HASEDI22	55CD32K	5,081	81	63	125	80,000
	55CD37K	5,213	83	63	125	80,000
	55CD43K	5,266	84	63	125	80,000
	82C32K	7,674	83	93	93	80,000
	82C37K	7,872	85	93	93	80,000
	82C43K	7,953	86	93	93	80,000
HASEDI24	55CD32K	6,167	106	58	125	80,000
	55CD37K	6,327	109	58	125	80,000
	55CD43K	6,391	110	58	125	80,000
	82C32K	7,577	81	93	93	80,000
	82C37K	7,773	84	93	93	80,000
	82C43K	7,852	84	93	93	80,000
	110C32K	9,337	74	127	125	60,000
	110C37K	9,579	75	127	125	60,000
	110C43K	9,677	76	127	125	60,000
	165C32K	13,559	71	190	125	60,000
	165C37K	13,910	73	190	125	60,000
	165C43K	14,052	74	190	125	60,000

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

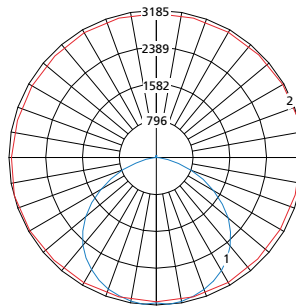
Model: HASEDI-14-82C37K-DIM1-DV-2F-2H-SYM/9



Maximum Candela = 3439 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.)

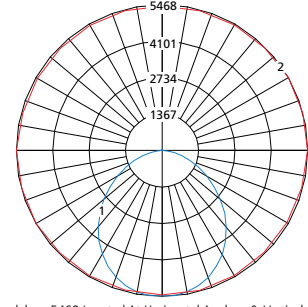
Model: HASEDI-22-82C37K-DIM1-DV-2F-2H-SYM/9



Maximum Candela = 34185 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: HASEDI24-165C37K-DIM1-DV-2F-2H-SYM/9



Max Candela = 5468 Located At Horizontal Angle = 0, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)



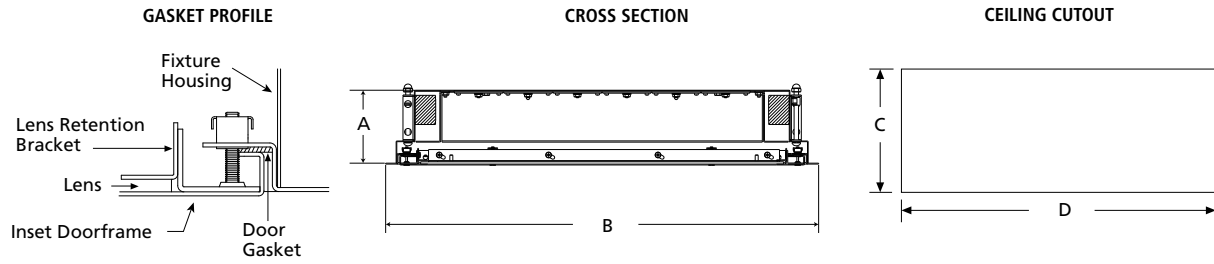
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DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D
1x4	4.20	11.75 x 47.75	10.85	46.85
2x2	4.20	23.75 x 23.75	22.85	22.85
2x4	4.20	23.75 x 47.75	22.85	46.85

* Add .375" to ceiling cut out dimensions when IF Option is specified

** Height is 5.875" with LEL option

