

HIGH ABUSE

HASEDI SERIES – LED – INSET DOOR

PRODUCT FEATURES:

- » High-output lamp sources for accurate color rendition and lighting performance
- » Diffused high-efficiency lens for reduced glare
- » Recessed ceiling mount; grid or flange - 1'x4', 2'x2', 2'x4'
- » Suitable for universal installation into 1.0" and 1.5" grid or flange (drywall) ceilings
- » One-piece inset doorframe, secured to housing with continuous piano hinge and Torx® fasteners
- » Peace of Mind Guarantee™ against breakage

SPECIFICATIONS

HOUSING: 20-gauge CRS. Hole-free, one-piece, seam-welded construction. Integral aluminum heat sink for thermal dissipation. 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 welded corners. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Lens frame secured to housing with continuous hinge and 3 tamper-resistant stainless steel Torx® with center pin fasteners.

LENS: See Lens Options below to specify lens material. Lens sealed to doorframe with silicone sealant and secured with continuous lens retention system. Lens orientation – smooth side out. Minimum .187" polycarbonate lens required (max. .375") for Peace of Mind Guarantee®.

ELECTRICAL: Available 3500K, 4000K and 5000K color temperatures. 120-277VAC and 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. 660 µA maximum source current.

INSTALLATION: Adjustable swing-out mounting brackets standard.

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. CCEA approved.

PROJECT INFORMATION	
Job Name	_____
Fixture Type	_____
Catalog Number	_____
Approved by	_____



1'x4'

2'x2'

2'x4'



ORDERING INFORMATION (Ex: HASEDI-24-67L40K-DCC-DV-2F-2H)

Model	Size	Lamp Type	Driver	Voltage	Doorframe	Housing	Options
HASEDI			DCC	DV			
Size		Lamp Type					
14	1'x4'	1'x4'					
22	2'x2'	45L35K† 45 Watt 3500K LED (82 CRI)					
24	2'x4'	45L40K† 45 Watt 4000K LED (82 CRI)					
		45L50K† 45 Watt 5000K LED (82 CRI)					
		67L35K 67 Watt 3500K LED (82 CRI)					
		67L40K 67 Watt 4000K LED (82 CRI)					
		67L50K 67 Watt 5000K LED (82 CRI)					
		90L35K 90 Watt 3500K LED (82 CRI)					
		90L40K 90 Watt 4000K LED (82 CRI)					
		90L50K 90 Watt 5000K LED (82 CRI)					
		2'x2'					
		45L35K† 45 Watt 3500K LED (82 CRI)					
		45L40K† 45 Watt 4000K LED (82 CRI)					
		45L50K† 45 Watt 5000K LED (82 CRI)					
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		90L40K 90 Watt 4000K LED (82 CRI)					
		90L50K 90 Watt 5000K LED (82 CRI)					
			2'x4'				
			45L35K† 45 Watt 3500K LED (82 CRI)				
			45L40K† 45 Watt 4000K LED (82 CRI)				
			45L50K† 45 Watt 5000K LED (82 CRI)				
			67L35K 67 Watt 3500K LED (82 CRI)				
			67L40K 67 Watt 4000K LED (82 CRI)				
			67L50K 67 Watt 5000K LED (82 CRI)				
			90L35K 90 Watt 3500K LED (82 CRI)				
			90L40K 90 Watt 4000K LED (82 CRI)				
			90L50K 90 Watt 5000K LED (82 CRI)				
			135L35K 135 Watt 3500K LED (82 CRI)				
			135L40K 135 Watt 4000K LED (82 CRI)				
			135L50K 135 Watt 5000K LED (82 CRI)				
			180L35K 180 Watt 3500K LED (82 CRI)				
			180L40K 180 Watt 4000K LED (82 CRI)				
			180L50K 180 Watt 5000K LED (82 CRI)				
			Driver Type				
			DCC Dimming Constant Current				
			Voltage				
			DV 120/277VAC, 50/60Hz				
			120 120VAC				
			277 277VAC				
			347 347VAC				
			Doorframe Options				
			2F 18-Ga CRS Painted (STD)				
			5F 20-Ga Type 304 SS Brushed				
			Housing/Flange Options				
			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				
						Lens Type	
						Polycarbonate	
						6 .187" #12 Prismatic	
						SYM/9 Symmetric, Diffused DR Acrylic inside lens .250" Clear Polycarbonate outside lens	
						Specified Lens	
						SL Specified Lens	
						Options	
						LEL Emergency Battery Pack (not available with DV and 347V Voltage option)	
						10KV 10KV/KA Surge Protection per IEEE/ANSI C62.41 Cat. A	
						FS Fuse & Holder	
						HJ Sealed Wireway	
						IF*† Install Frame	
						PF* Plaster Frame	
						RF• Radio Frequency Filter	
						RM† Continuous Row Mounting	
						TH 1/2" Trade Size Threaded Hub	
						2C Two Circuit Wiring	

* Add .375" to ceiling cut out dimensions

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

• Voltage specific
‡ n/a with 2C Option



www.kenall.com

P: 800-4-Kenall

F: 262-891-9701

10200 55th Street Kenosha, Wisconsin 53144

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HASEDI_14_22_24-020619

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HASEDI SERIES – LED – INSET DOOR

PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
Model	Lamp Type	@ 25°C	Efficacy (lm/W)			
HASEDI14	45L35K	4193	84	50	94	80,000
	45L40K	4470	89	50	94	80,000
	45L50K	4649	93	50	94	80,000
	67L35K	6011	81	74	66	80,000
	67L40K	6408	87	74	66	80,000
	67L50K	6664	90	74	66	80,000
	90L35K	8387	84	100	94	60,000
	90L40K	8941	89	100	94	60,000
	90L50K	9299	93	100	94	60,000
HASEDI22	45L35K	4164	83	50	94	80,000
	45L40K	4439	89	50	94	80,000
	45L50K	4617	92	50	94	80,000
	67L35K	5968	81	74	66	80,000
	67L40K	6362	86	74	66	80,000
	67L50K	6616	89	74	66	80,000
	90L35K	8327	83	100	94	60,000
	90L40K	8877	89	100	94	60,000
	90L50K	9232	92	100	94	60,000
HASEDI24	45L35K	4584	96	48	94	80,000
	45L40K	4887	102	48	94	80,000
	45L50K	5082	106	48	94	80,000
	67L35K	6571	90	73	66	80,000
	67L40K	7005	96	73	66	80,000
	67L50K	7285	100	73	66	80,000
	90L35K	8443	86	98	94	60,000
	90L40K	9001	92	98	94	60,000
	90L50K	9361	96	98	94	60,000
	135L35K	13045	89	147	94	60,000
	135L40K	13907	95	147	94	60,000
	135L50K	14463	98	147	94	60,000
	180L35K	19296	96	200	94	60,000
	180L40K	20571	103	200	94	60,000
180L50K	21394	107	200	94	60,000	

Displayed information is for SYM/9 Lens Type option only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.



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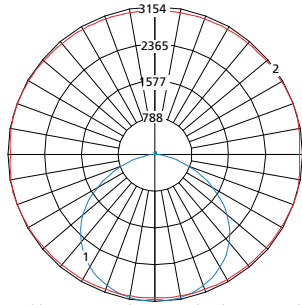
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HIGH ABUSE

HASEDI SERIES – TECHNICAL DATA

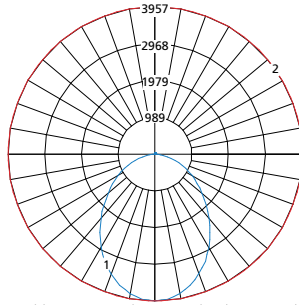
PERFORMANCE

Model: HASEDI14-90L40K-DCC-1-DV-2F-2H-SYM/9



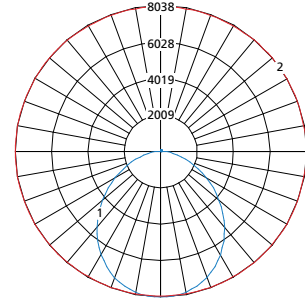
Maximum Candela = 3154 Located At Horizontal Angle = 15, Vertical Angle = 5
 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

Model: HASEDI22-90L40K-DCC-1-DV-2F-2H-SYM/9



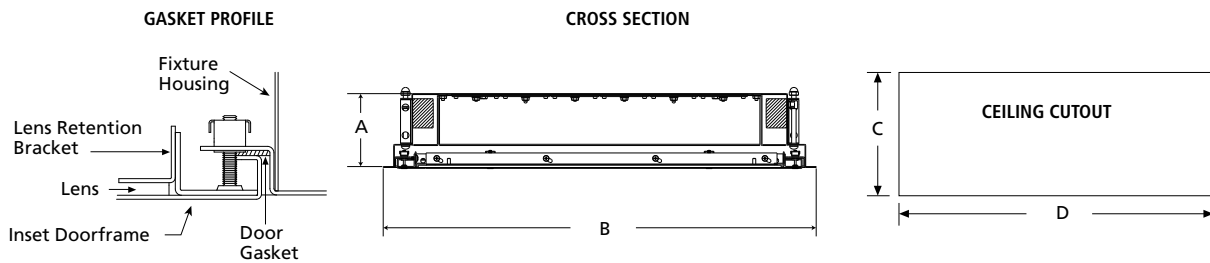
Maximum Candela = 3957 Located At Horizontal Angle = 0, Vertical Angle = 0
 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Model: HASEDI22-180L40K-DCC-1-DV-2F-2H-SYM/9



Max Candela = 8038 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.)

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 8.691" with LEL option



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