

HIGH ABUSE

HASESI SERIES – LED – INSET DOOR

PROJECT INFORMATION

Job Name _____

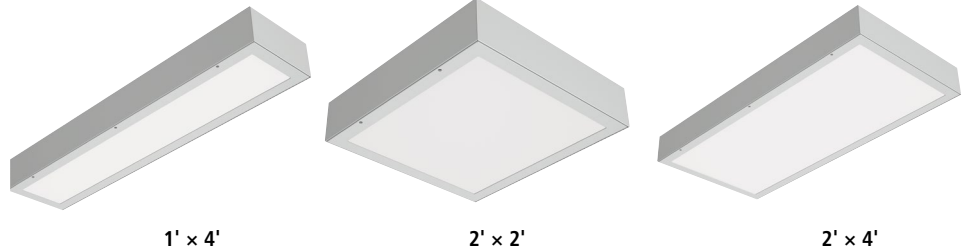
Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » High-output lamp sources for accurate color rendition and lighting performance
- » Diffused high-efficiency lens for reduced glare
- » Surface ceiling mounting in 1'x4', 2'x2', 2'x4' sizes
- » One-piece inset doorframe, secured to housing with continuous piano hinge and Torx® fasteners
- » Peace of Mind Guarantee® against breakage



SPECIFICATIONS

HOUSING: 18-gauge CRS. Hole-free, one-piece, seam-welded construction. Integral aluminum heat sink for thermal dissipation. 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 3000K, 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 (non dim-to-dark with 347V); 660 µA maximum source current.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, [click here](#).

INSTALLATION: Four .312" holes for surface mounting. Standard with side feed hole, see options for Top Wiring Access (TWA).

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. [Peace of Mind Guarantee against breakage](#).

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratory for Wet Location installations. ETL certified IP65 per IEC60598. CCEA approved.



ORDERING INFORMATION (Ex: HASESI-24-67L-40K8-DIM1-DV-2F-2H-SYM/9)

Model	Size	Lamp Power	Lamp Color	Driver	Voltage	Doorframe	Housing	Lens Type	Options
HASESI									
Size				DIM1			Options		
14	1'x4'	1'x4'		Driver Type					LEL 8.4W Emergency Battery Pack (n/a with 347V)
22	2'x2'	45L	45 Watt LED	DIM1	0-10V Dimming to 1%				FS Fuse & Holder
24	2'x4'	67L	67 Watt LED	Voltage					TH 1/2" Trade Size Threaded Hub
		90L	90 Watt LED	DV	120-277VAC, 50/60Hz				DLN LED Night Light w/Light Level Control (100%-20%, voltage-specific selection required, n/a 347V)
		2'x2'		120	120VAC				TWA Top Wiring Access Hole
		45LD	45 Watt Dual-Row LED	277	277VAC				MS Motion Sensor (n/a with 347V)
		67L	67 Watt LED	347	347VAC				
		90L	90 Watt LED	Doorframe Options					
		2'x4'		2F	18-Ga CRS in Gloss White (STD)				
		45LD	45 Watt Dual-Row LED	5F	20-Ga Type 304 SS with 4B Brushed Finish				
		67L	67 Watt LED	Housing/Flange Options					
		90L	90 Watt LED	2H	20-Ga CRS/18-Ga CRS in Gloss White (STD)				
		135L	135 Watt LED	5H	20-Ga Type 304 SS Brushed				
		180L	180 Watt LED	Lens Type					
		Lamp Color		6	.187" #12 Prismatic Polycarbonate				
		30K8	3000K / 82 CRI min.	SYM/9	Symmetric, Diffused DR Acrylic inside lens				
		35K8	3500K / 82 CRI min.		.250" Clear Polycarbonate outside lens				
		40K8	4000K / 82 CRI min.	SL	Specified Lens				
		50K8	5000K / 82 CRI min.						



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PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
Model	Lamp Type	@ 25°C	Efficacy (lm/W)			
HASESI14	45L-30K8	4,480	97	46	100	80,000
	45L-35K8	4,633	100			
	45L-40K8	4,776	103			
	45L-50K8	4,967	108			
	67L-30K8	6,862	95	72	75	80,000
	67L-35K8	7,096	99			
	67L-40K8	7,316	102			
	67L-50K8	7,608	106			
	90L-30K8	8,818	90	98	100	60,000
	90L-35K8	9,119	93			
	90L-40K8	9,401	96			
	90L-50K8	9,777	100			
HASESI22	45LD-30K8	4,633	100	47	100	80,000
	45LD-35K8	4,792	103			
	45LD-40K8	4,940	106			
	45LD-50K8	5,137	110			
	67L-30K8	7,098	99	72	75	80,000
	67L-35K8	7,340	102			
	67L-40K8	7,567	105			
	67L-50K8	7,869	109			
	90L-30K8	9,120	93	98	100	60,000
	90L-35K8	9,431	96			
	90L-40K8	9,723	99			
	90L-50K8	10,112	103			
HASESI24	45LD-30K8	5,602	123	45	50	100,000
	45LD-35K8	5,793	128			
	45LD-40K8	5,972	132			
	45LD-50K8	6,211	137			
	67L-30K8	8,184	114	72	75	80,000
	67L-35K8	8,464	118			
	67L-40K8	8,725	121			
	67L-50K8	9,074	126			
	90L-30K8	10,517	112	94	100	60,000
	90L-35K8	10,876	116			
	90L-40K8	11,212	120			
	90L-50K8	11,660	125			
	135L-30K8	14,908	101	147	100	60,000
	135L-35K8	15,417	105			
	135L-40K8	15,894	108			
	135L-50K8	16,529	112			
	180L-30K8	20,328	104	196	100	60,000
	180L-35K8	21,022	107			
	180L-40K8	21,672	111			
	180L-50K8	22,539	115			

Provided information includes SYM/9 Lens Type. Information subject to change without notice. Visit www.kenall.com for IES files and additional information.



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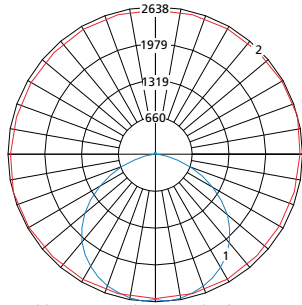
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HASESI SERIES – TECHNICAL DATA

PERFORMANCE

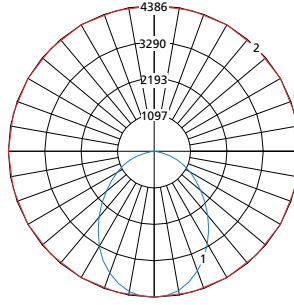
Model: HASESI-14-67L-40K8-DIM1-DV-2F-2H-SYM/9



Maximum Candela = 2638 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.)

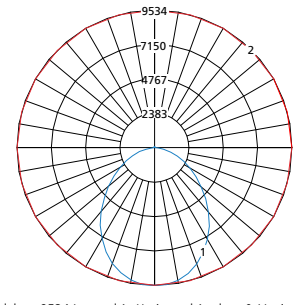
Model: HASESI-22-90L-40K8-DIM1-DV-2F-2H-SYM/9



Max Candela = 4386 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: HASESI-24-180L-40K8-DIM1-DV-2F-2H-SYM/9

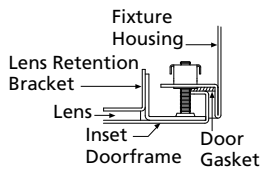


Max Candela = 9534 Located At Horizontal Angle = 0, Vertical Angle = 5

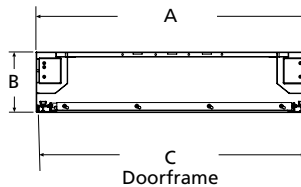
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

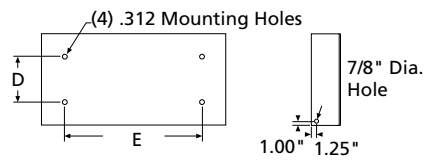
GASKET PROFILE



CROSS SECTION



MOUNTING HOLES



Side wiring access shown
 See options for Top wiring access (TWA)

DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E
1x4	10.60x48.13	5.00	10.20x47.70	6.00	28.00
2x2	22.60x24.13	5.00	22.20x23.70	17.00	13.00
2x4	22.60x48.13	5.00	22.20x47.70	17.00	36.00



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