# ENVIROSEAL<sup>™</sup>

## **ES8 SERIES**

### **PRODUCT FEATURES:**

- » Surface mount ceiling or wall; 8"×24", 8"×36", 8"×48", 8"×96"
- » Cold rolled steel or stainless steel housing for corrosion resistance
- » Continuous row mount for multiple luminaires
- » IP65 Option available

#### SPECIFICATIONS

HOUSING: One-piece, seam-welded 20-gauge CRS. Base provided with four-point mounting holes and one wireway hole. Lens is positioned in baseplate channels and retained with stainless steel fastener(s). Base mounts flush to ceiling or wall surface.

LENS/GASKET: UV-stabilized, pearlescent or clear polycarbonate. Smooth exterior, linear prismatic interior. Nominal thickness .125" (.32cm). IP65 option provided with linear silicone gasket to seal lens frame to housing.

FINISH: Brushed stainless steel finish (#4B) or white TGIC polyester powder coat - 5-stage pre-treatment; Salt spray test: 1,000 hours; Reflectance: 92%.

SOCKETS: Shock-resistant sockets with internal locking collar to ensure positive lamp retention.

HARDWARE: One Type 302 stainless steel Phillips head fastener secures lens in housing channel.

ELECTRICAL: <u>LED</u>: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constantcurrent 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); 330 µA max. source current. Optional embedded microwave motion sensor (MS) has factory default settings of 20 minute time out, dims down to 30%. <u>LF</u>: Class P ballast. Fluorescent electronic 120/277 or 347 voltage ballasts, high power factor. Optional one-lamp 90 minute nickel-cadmium battery pack (EL) includes inverter charger, test switch and charging indicator lamp.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, dick here.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric information, go to www.kenall.com.

WARRANTY: Limited five (5) year LED warranty. Peace of Mind Guarantee against breakage.

LISTINGS: UL and CUL listed for Wet Location – covered ceiling. UL and CUL listed for Damp Location – horizontal wall mount. Optional UL certified IP65 per IEC 60598 (IP65 Option) – ceiling mount. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08.



#### ORDERING INFORMATION (Ex: ES8-48-2-45L50K-DCC-1-DV-2H-PP-FS)

Model	Length	Lamp Qty/Lamp Type	Ballast/Driver Type	Ballast/Driver Qty	Voltage	Housing	Lens Type	Options
ES8			_					
Nominal L	ength	<u>8' (243.84</u>	<u>lcm) Lengths</u>			Housing O	ptions	
24	2' (60.96cm)	(Lamp Qty	y per 4' (1.22m) Cros	s Section)		2H 20-G	a CRS; Painted	
36	3' (91.44cm)	1-45L30K	45 Watt 3000K LEI	)		P5H 20-G	a 304SS; Painted	
48	4' (121.92cm)	1-45L35K	45 Watt 3500K LEI	)		5H 20-G	a 304SS; Brushed	
96	8' (243.84cm)	1-45L40K	45 Watt 4000K LEI	)		<b>PXH</b> 20-G	a 316SS; Painted	
		1-45L50K	45 Watt 5000K LEI	)		XH 20-G	a 316SS; Brushed	
Lamp Qty	Туре	1-67L30K	67 Watt 3000K LEI	)				
<u>2' (60.96c</u>	m) Lengths	1-67L35K	67 Watt 3500K LEI	)		Lens Type		
2-14	F14T5	1-67L40K	67 Watt 4000K LEI	)			escent Polycarbon	ate
2-24	F24T5HO	1-67L50K		)		<b>CP</b> ▼ Clear	Polycarbonate	
2-17	F17T8	1-90L30K	90 Watt 3000K LEI	)				
		1-90L35K	90 Watt 3500K LEI	)		Options		
<u>3' (91.44c</u>	<u>m) Lengths</u>	1-90L40K		)			Standard Lumen E	L Pack (450 lumens) (n/a with LED)
2-21	F21T5	1-90L50K	90 Watt 5000K LEI	)				ck (1100 lumens) (n/a with LED)
2-25	F25T8	2-28▲	F28T5				Specified EL Pack	
		2-32	F32T8					attery Backup (only available with 45L)
	<u>cm) Lengths</u>	2-54	F54T5HO				Single Fuse & Hold	
1-45L30K	45 Watt 3000K							Connector (see KO option)
1-45L35K	45 Watt 3500K							Mount875" (2.22cm) diameter knockout in
1-45L40K	45 Watt 4000K		ming Constant Current					option for Kenall supplied attachment connector
1-45L50K	45 Watt 5000K		<10% THD Instant Star					Twin Tube NPF Night Light (n/a with LED)
1-67L30K	67 Watt 3000K		<10% THD Rapid Start	(T5, T5HO, T8, Biax)				Twin Tube NPF Night Light (n/a with LED)
1-67L35K	67 Watt 3500K	LED SB Spe	cified Ballast			IP65**● (	JL certified IP65 L	isting (w/removable end caps –
1-67L40K	67 Watt 4000K							ntinuous row mount)
1-67L50K	67 Watt 5000K					TR	Tamper Resistant	Torx <sup>®</sup> with center pin fastener
1-90L30K	90 Watt 3000K					MS I	Motion Sensor (4'	LED only; n/a with 347 Voltage)
1-90L35K	90 Watt 3500K							
1-90L40K	90 Watt 4000K					<ul> <li>n/a with</li> </ul>	347V	
1-90L50K	90 Watt 5000K					<ul> <li>* Option n</li> </ul>	not available with	2' (60.96cm) fixtures,
2-28	F28T5		-277 Volts				), or F21T5 lamps	
2-32	F32T8	<b>347</b> 347	Volt				KO option	
2-54	F54T5HO						IP65 option	
								F25T8/F32T8 Lamps
							'5" (.95cm) to ove	erall length
						<ul> <li>n/a with</li> </ul>	1 FD	

n/a with LED



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## PROJECT INFORMATION

Job Name \_\_\_\_ Fixture Type\_\_\_

Catalog Number

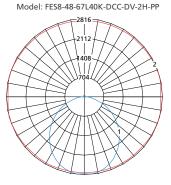
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# ENVIROSEAL<sup>™</sup>

## ES8 SERIES PERFORMANCE

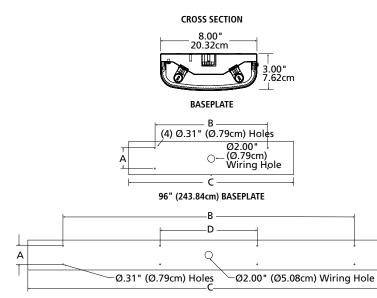
		Initial Deliver	red Lumens			
Length	Lamp Type	@ 25°C (lm)	Efficacy (Im/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
	45L30K	4,819	98	- 49	100	80,000
	45L35K	4,968	101			
	45L40K	5,138	105			
	45L50K	5,273	108			
	67L30K	7,373	101	73	75	80,000
4'	67L35K	7,601	104			
4	67L40K	7,860	108			
	67L50K	8,067	111			
	90L30K	9,366	97	97	100	60,000
	90L35K	9,655	100			
	90L40K	9,985	103			
	90L50K	10,248	106			

Displayed information above is for PP lens type. Info subject to change. Visit www.kenall.com for IES files and additional information.



Max Candela = 2816 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



		N INCHES & CE B	C	D
ES824 – T5	5.00	16.00	23.13	
cm	12.70	40.64	58.75	
ES824 – T8	5.00	16.00	24.75	
cm	12.70	40.64	62.87	
ES836 – T5	5.00	20.00	35.00	
cm	12.70	50.80	88.90	
ES836 – T8	5.00	20.00	36.75	
cm	12.70	50.80	93.35	
ES848 – T5	5.00	32.00	46.75	
cm	12.70	81.28	118.75	
ES848 – T8	5.00	32.00	48.75	
cm	12.70	81.28	123.83	
ES848 – LED	5.00	32.00	48.75	
cm	12.70	81.28	123.83	
ES896 – T5	5.00	78.00	92.87	26.00
cm	12.70	198.12	235.89	66.04
ES896 – T8	5.00	78.00	96.78	26.00
cm	12.70	198.12	245.82	66.04



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