

# ENVIROSEAL™

## TESS SERIES

### PRODUCT FEATURES:

- » Surface ceiling or wall mount – 5"×24" (12.70 cm × 60.96 cm), 5"×36" (12.70 cm × 91.44 cm), and 5"×48" (12.70 cm × 122 cm)
- » Hinged door for ease of maintenance



### PROJECT INFORMATION

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

### SPECIFICATIONS:

**HOUSING:** One-piece seam welded 16-gauge type 304 stainless steel construction.

**BASEPLATE:** Continuous seam welded 18-gauge type 304 stainless steel construction. Mounts flush to ceiling or wall surface. Each end cap provided with Ø.875" (Ø2.22 cm) punched, flattened knockout.

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

**LENS/GASKET:** UV-stabilized, pearlescent or clear polycarbonate. Smooth exterior, linear prismatic interior. Nominal thickness .125" (.32 cm). Linear silicone gasket seals lens housing to baseplate.

**HINGE:** Continuous 1" (2.54 cm) open leaf stainless steel hinge secured to door and housing.

**LENS RETENTION:** Lens positioned in channels and retained with stainless steel fastener(s).

**FASTENERS:** Torx® Head stainless steel fasteners standard. See Options for stainless steel center-pin reject Allen Head (AH) or Phillips Head (PH) fasteners.

**ELECTRICAL:** LED; Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC or 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); 165 µA max. source current. LE: Electronic ballast <10% THD standard. See Ordering Information for multiple ballasts and optional equipment. Lamps by others.

**OPTIONAL CONTROLS:** Optional control module available with compatible third party controls. To see the full list of compatible controls, [click here](#).

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

**INSTALLATION:** For housing without wiring and mounting holes, see Field Drilled Installation Holes Option (FDIH). Four-point mounting and polycarbonate lens required for Peace of Mind Guarantee®.

**PHOTOMETRICS:** Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to [www.kenall.com](http://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 or horizontal wall mount. UL certified IP65 per IEC 60598. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08.



### ORDERING INFORMATION (Ex: TESS-48-1-45L50K-DCC-DV-5H-PP-FS)

Model	Length	Lamp Qty/Type	Ballast Type	Ballast Qty	Voltage	Housing Options	Lens Type	Options
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### TESS

Nominal Length	Lamp Type (Cross Section)	Ballast Type	Housing Options
24	2' (60.96 cm)	<b>DCC</b> Dimming Constant Current (LED)	<b>P5H</b> 16-Ga 304SS; Painted
36	3' (91.44 cm)	<b>IS</b> Elec <10% THD Instant Start (T8)	<b>5H</b> 16-Ga 304SS; Brushed
48	4' (122 cm)	<b>RS</b> Elec <10% THD Rapid Start (T5, T5HO, T8)	<b>PXH</b> 16-Ga 316SS; Painted
		<b>SB</b> Specified Ballast	<b>XH</b> 16-Ga 316SS; Brushed
		<b>Ballast Quantity</b>	<b>Lens Type</b>
		<b>1</b> One	<b>PP</b> Pearlescent Polycarbonate
		<b>2</b> Two	<b>CPT</b> Clear Polycarbonate
		<b>Voltage</b>	<b>Options</b>
		<b>DV</b> 120-277 Volts	<b>ELT*</b> Standard Lumen EL Pack (standard 450 lumens; 2' (60.96 cm) fixtures have minimum 350-450 lumen battery pack)
		<b>347</b> 347 Volt	<b>PELT*</b> High Lumen EL Pack (1100 lumens)(n/a on 2' (60.96 cm) fixtures)
			<b>SEL†</b> Specified EL Pack
			<b>AH</b> Allen Head fasteners
			<b>FDIH</b> Field Drilled Installation Holes
			<b>FS</b> Single Fuse & Holder
			<b>HC</b> Hub Connector
			<b>PH</b> Phillips Head fasteners
			▲ n/a with 347V
			† n/a with LED lamping
			* Option n/a with LED, F14T5, F21T5 or F54T5HO lamps
			‡ w/PEL Option available with one ballast only



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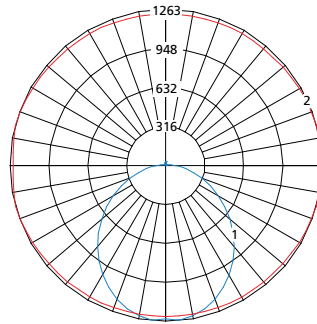
## TESS SERIES – TECHNICAL DATA

### PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L30K	4,410	90	49	100	80,000
45L35K	4,546	93			
45L40K	4,701	96			
45L50K	4,825	98			

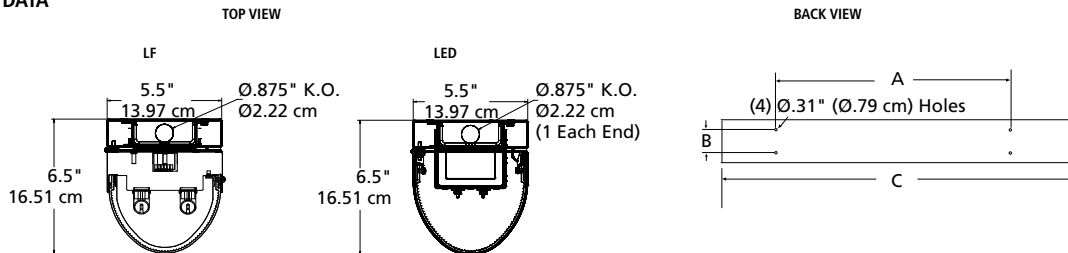
Displayed information above is for PP lens type. Info subject to change. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: E55-48-45L40K-DCC-DV-2H-PP



Max Candela = 1263 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



#### DIMENSIONAL DATA (IN INCHES)

	A	B	C
TESS24 – T5	14.50 (36.83 cm)	3.94 (10.01 cm)	23.80 (60.45 cm)
TESS24 – T8	16.00 (40.64 cm)	3.94 (10.01 cm)	25.40 (64.52 cm)
TESS36 – T5	24.00 (60.96 cm)	3.94 (10.01 cm)	35.60 (90.42 cm)
TESS36 – T8	24.00 (60.96 cm)	3.94 (10.01 cm)	37.40 (95.00 cm)
TESS48 – T5	36.00 (91.44 cm)	3.94 (10.01 cm)	47.40 (120 cm)
TESS48 – T8	36.00 (91.44 cm)	3.94 (10.01 cm)	49.40 (125 cm)
TESS48 – LED	36.00 (91.44 cm)	3.94 (10.01 cm)	49.40 (125 cm)



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