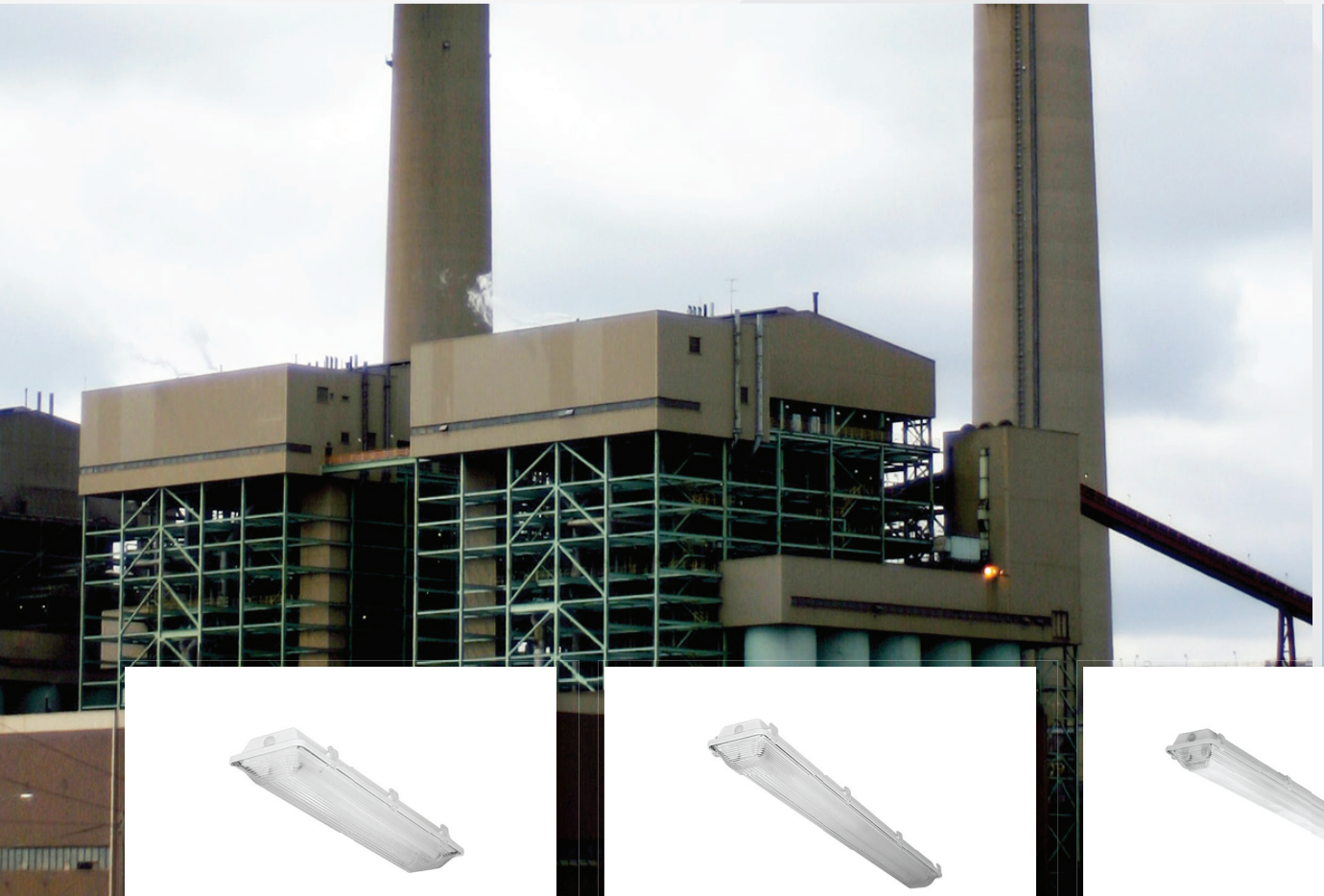




vaportight

Harsh Environment Luminaires



EN2 - 2' Unit



EN2 - 4' Unit



EN2 - 8' Unit



Designed for the toughest environments

Simkar's family of EN2 vaportight T5/T8 luminaires are designed to stand up to the most demanding environments, whether it's the forces of wind, water, temperature extremes, dust, salt, or impact.

The EN2 series is an indoor/outdoor, corrosion proof, enclosed and gasketed fixture designed for a wide range of applications. The weatherproof EN2 Series is available in 2', 4', and 8' lengths, with a choice of 1, 2, or 3 lamps. The housings are made of reinforced thermalset polyester that is corrosion resistant and will withstand extreme abuse and neglect.

The horizontally ribbed diffuser lenses are engineered for superior strength, ease of cleaning, and optical uniformity. These tough lenses are available in injection-molded, clear, UV stabilized polycarbonate (2' and 4' units) or 100% certified high impact acrylic (4' and 8' units). The sealing flanges of the lenses are designed to work in conjunction with our custom formulated formed-in-place, non-reticulated polyurethane gasket. This seamless gasket is robotically applied for uniformity, and chemically binds to the housing to ensure reliability.

As a result of this design system, we have been able to achieve IP65 ratings for the 2' units (dust free with hose down) and IP67 ratings for the 4' and 8' units (dust free with temporary submersion under water for 30 minutes).

The EN2 series is also ideal for high pressure wash down splash zone areas and other applications in which frequent direct exposure to noncorrosive liquids takes place.

Features & Benefits

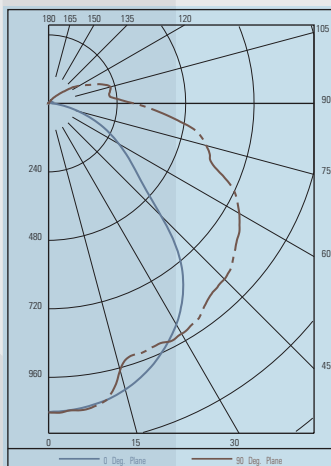
- Top rated UL fire resistant housing: UL 94, 5VA reinforced thermal set polyester housing
- IP65 and IP67 ratings
- UL 746C rated f1 housing material meets outdoor UV and Water Immersion requirements
- Optional simple, non-intrusive, external mounting hardware system available
- Securely attached, over-center latching system that is tamperproof-ready
- Rugged, impact resistant, 100% certified high impact acrylic or polycarbonate lenses
- Superior sealing system produces a dust free, wash down fixture with an IP65 rating for 2' units and IP67 for temporary immersion for the 4' and 8' units
- Ideal for high pressure wash down and splash zone areas
- Available with fluorescent T5, T5HO, T8, HPT8, or T8HO
- Available in 2', 4' and 8' lengths with 1, 2, or 3 lamps systems plus tandem configurations for the 8' units

Performance Data

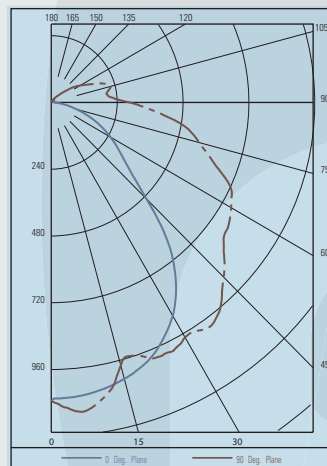
Model	Photometric File	Lamps	Reflector	Input Power	Efficiency	Light Output*
EN24RAWR232T8EU1	LTL11820	(2) 32W T8	White	55.0W	75.1%	2,850 lm
EN24RAM4232T8EU1	LTL11818	(2) 32W T8	Specular	54.0W	75.2%	2,850 lm
EN24RPM4132T8EU1 ASYM	LTL13561	(1) 32W T8	Specular	28.0W	76.8%	2,850 lm

* Consult a lighting engineer to meet specific requirements

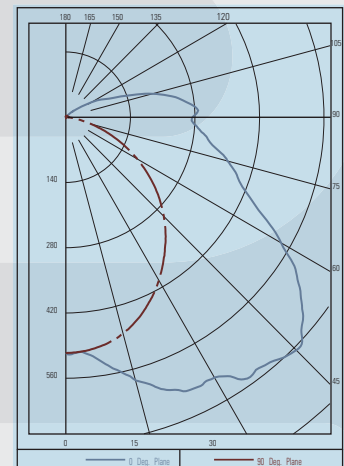
EN24RAWR232T8EU1 Candela Plot



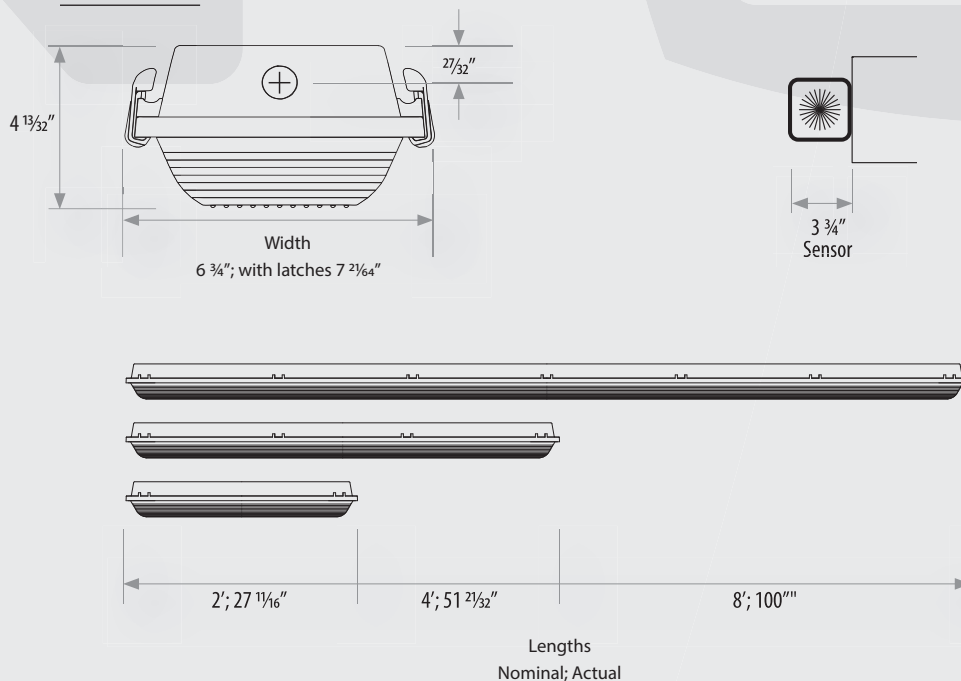
EN24RAM4232T8EU1 Candela Plot



EN24RPM4132T8EU1 Candela Plot



Dimensions



EN2 Configuration Information

LED Also available
Visit www.simkar.com

SERIES	SIZE	LENS	REFLECTOR	# LAMPS	LAMP TYPE	BALLAST
EN2	2 = 2' (IP65) 4 = 4' (IP67) 8 = 8' (IP67)	<u>2' Size</u> RP = Ribbed polycarbonate vacuum formed lens <u>4' Size</u> RP = Ribbed polycarbonate injection molded lens RA = Ribbed acrylic injection molded lens: 100% High Impact acrylic <u>8' Size</u> RA = Ribbed acrylic injection molded lens: 100% High Impact acrylic	WR = White (standard) M4 = 95% Reflectivity	1 2 3 2T = 2 lamps tandem 4T = 4 lamps tandem 6T = 6 lamps tandem	<u>T5</u> 14T5 = 14 watt T5, 2' unit 24T5H = 24 watt T5HO, 2' unit 28T5 = 28 watt T5, 4' unit or 8' Tandem 54T5H = 54 watt T5HO, 4' unit or 8' Tandem (not available with 3 lamps or 6T Tandem) <u>T8</u> 17T8 = 17 watt T8, 2' unit 32T8 = 32 watt T8, 4' unit or 8' Tandem 32HP8 = 32 watt HPT8, 4' unit or 8' Tandem 86T8H = 86 watt T8HO, F96, 8' unit (not available with 3 lamps)	E = Electronic E(x)* = Electronic HPT8* D = Dimming (Specify Ballast) CS = Customer Supplied B9 = Customer Specified <i>*Specify Ballast Factor: L = Low; N = Normal or H = High</i>

*Nominal. See performance table for actual power consumption
**CEE listed T8. Contact factory for NEMA Premium.

SWITCHING	VOLTAGE	OPTIONS	ACCESSORIES
<u>For 2 lamp units</u> Blank = single ballast 2/1L = (2) 1-lamp ballasts <u>For 4 lamp units</u> Blank = (2) 2-lamp ballasts 4L = (1) 4-lamp ballast <u>For 6 lamp tandem units</u> 2/3L = (2) 3-lamp ballasts 2L/4L = (1) 2-lamp and (1) 4-lamp ballast	U1 = 120–277V U3 = 347–480V 347 = 347V 480 = 480V	BP = Bulk Pack SSL = Stainless Steel Latch WLH = Wet Location Hub ENTS = Tamperproof screws ENTSD = Tamperproof screwdriver FB = Lay-in Fast-Blow Fusing SB = Lay-in Slow-Blow Fusing ELS1 = Emergency Lighting (low lumens) ELS2 = Emergency Lighting (medium lumens) ELS3 = Emergency Lighting (high lumens) <i>EN2 Requires damp location emergency ballast</i> OS(x) = Individual Fixture PIR Occupancy Sensor; (specify number of lamps controlled: 1, 2, 3, 4, 5, or 6)** CP3 = Cord & Plug - 120V Straight Blade with 6' Cord** CPT(xx) = Cord & Plug: Twist + Lock with 6' Cord; (specify voltage: 12 = 120, 20 = 208, 24 = 240, 27 = 277, 34 = 347, or 48 = 480)** <i>For cords without plugs, please contact factory.</i> **Damp Location Lamps installed (Specify)	ENTS = Tamperproof screws ENTSD = Tamperproof screwdriver EN2MB = 2 Stainless steel Mounting Brackets EN2SMB = 2 Swivel Mounting Brackets

Certifications:

C-UL-US wet location, 25° C ambient

C-UL-US recognized components

IP65 certified; 2' units: Dust-free, low pressure wash down

IP67 certified; 4' and 8' units: Dust-free, temporary immersion for 30 minutes



SIMKAR
CORPORATION

