



EN3

Finally, an Indoor/Outdoor, corrosion proof, enclosed and gasketed fixture that does it all.

Simkar is proud to announce a family of demanding environment T5/T8 luminaires that will stand up to the nasty forces of wind, water, temperature extremes, dust, salt, and abuse. Simkar's weatherproof EN3 Series luminaires are a low profile design and are 14-1/2" wide and 52" long and are perfect for areas that need high light levels or high mounting heights. You have choices of 4 or 6 lamp versions to meet your lighting needs. The housings are made of custom reinforced, thermal-set polyester that is corrosion resistant and will withstand extreme abuse and neglect. A tough injection molded, clear, 100% certified High Impact acrylic gives you a tough, non-yellowing lens that will exceed your expectations. An optional

injection molded, UV stabilized polycarbonate lens is also available. The sealing flanges of the injected molded lenses were designed to work in conjunction with our custom formulated foam-in-place, closed cell polyurethane gasket. This gasket is a seamless gasket that chemically attaches to the housing and is robotically applied to ensure consistency, accuracy, and reliability. As a result of this design system, we have been able to achieve a number of impressive certifications: IP67 rating for a dust free luminaire capable of temporary submersion under water for 30 minutes, NEMA 4X ideal for marine environments, and NSF high pressure wash down for splash zone food processing areas.

Features & Benefits

Top rated UL fire resistant housing: UL 94, 5VA reinforced thermal set polyester housing

UL 746C rated f1 housing material meets outdoor UV and Water Immersion requirements

Two external mounting system available

Securely attached, over-center, stainless steel latching system that is tamper proof ready

Tool-free, hinged gear tray for ease of maintenance and convenience

Rugged, impact resistant lenses: non-yellowing, 100% certified High Impact acrylic

Superior sealing system produces a dust proof, wash down fixture with an IP67 rating

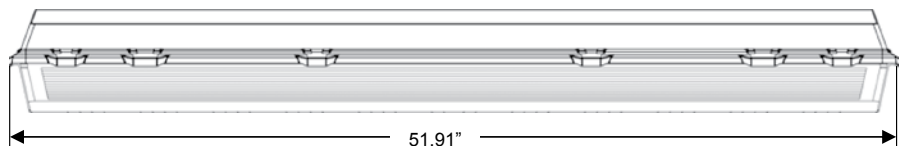
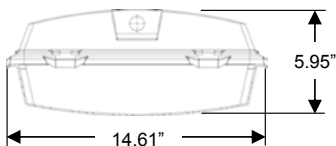
NSF high pressure wash down approved for Splash and Non-Food Zone Processing Areas

Available with Fluorescent T5, T5HO, T8, or HPT8 technologies

Available in a 4' housing with 4 or 6 lamp configurations

Certifications:

- UL, cUL wet location
- UL, CSA recognized components
- NSF Certified for high pressure wash down splash zone processing areas
- NEMA 4X
- IP66/67 certified: Dust-free, high pressure washdown/temporary immersion for 30 minutes



Housing

Custom blend, UL 5VA and f1 rated fiberglass reinforced thermal-set polyester

SMC manufacturing process for strength, reliability, fit and finish.

Optics

High reflectance, White reflector or minimum 92% high reflectance Specular aluminum reflectors

Injection molded, 100% certified High Impact acrylic Lens; Optional injection molded, UV stabilized polycarbonate lens available.

Lamp/Ballast/Sockets Technologies

Lamps: T5, T5HO, T8, or HPT8 (not included unless ordered)

Ballasts: Electronic Instant Start T5, T8, and HPT8; Program Start T5HO

Universal voltages: 120-277 volt 50/60Hz or 347-480V 50/60Hz; Straight voltages: 347V 60Hz; 480V 60Hz; contact factory for other available voltages.

All ballasts are electronic, thermally protected with auto-resetting, Class P, sound rated A, high power factor, <15% harmonic distortion.

T5 and T5HO technology: Ballast to be electronic Program Start, Universal voltage 120 – 277VAC, 50/60Hz, Starting temperature 0°F (-18°C), < 15% and < 20% THD, High-Power Factor, Thermally protected, Automatic resetting, Class P, Sound rating A.

Rotational locking sockets ensure lamps are securely held in place.

Mounting and Latching

Two external mounting systems available: V-hook mounting or cables.

Stainless steel, positive-lock, over-center latches that are tamperproof ready.

EN3 Ordering Information

Series	Reflector	# Lamps	Lamps	Ballast
EN3	WR = White Reflector	4 = 4 lamps	T5	E = Electronic
	SR = Specular Reflector	6 = 6 lamps	28T5 = 28W T5 54T5H = 54W T5HO	E(x) = Electronic HPT8* D = Dimming (Specify Ballast)
			T8	
			32T8 = 32W T8 32HP8 = 32W HPT8	

*Specify Ballast Factor: L = Low; N = Normal or H = High

Switching	Voltage	Mounting	Options
FOR 6 LAMP UNITS Blank = dual ballasts (4L/2L)	U1 = 120V – 277V U3 = 347V – 480V	VHM = V-Hook Mounting Kit CMB = Cable Mounting Kit (cable not included)	BP = Bulk Pack Palletized PCL = polycarbonate Lens
FOR 4 LAMP UNITS Blank = dual ballasts 4L = (1) 4-lamp ballast	347 = 347V 480 = 480V		EN3TS = Tamperproof screws EN3TSD = Tamperproof screwdriver
			ELS1 = Emergency Lighting (low lumens) ELS2 = Emergency Lighting (medium lumens) ELS3 = Emergency Lighting (high lumens) EN3 Requires damp location emergency ballast
			CP3 = Cord & Plug - 120V Straight Blade with 6' Cord* CPT(x,x) = Cord & Plug; with 6' Cord; (specify voltage: 12 = 120, 20 = 208, 24 = 240, 27 = 277, 34 = 347, 48 = 480)* For cords without plugs, please contact factory.
			FB = Lay-in Fast-Blow Fusing SB = Lay-in Slow-Blow Fusing OS(x) = PIR Occupancy Sensor; (specify number of lamps controlled: 1, 2, 3, 4, 5, or 6)* Lamps installed (Specify)

*Damp Location

Accessories

CAB472 = (for use with CMB) Adjustable Cables: includes (4) 72" steel aircraft cables with tool-free adjusters

WLH = 1 Wet Location wire Hub

ENTS = Tamperproof screws

ENTSD = Tamperproof screwdriver

EN3LTK = Lens tether kit