

E3 Series

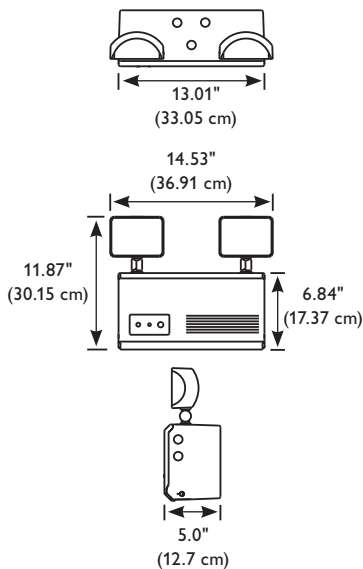
GENERAL DUTY THERMOPLASTIC EMERGENCY LIGHTING

Page 1 of 2

E3112WS92SD2



E3112WPT86W2



Features

Illumination: Illumination is accomplished with up to three lamp heads mounted on the top of the unit. Most often specified is Lightolier's "S" series rectangular lamp heads. The "S" series lamp heads incorporate a high performance parabolic reflector with a wedge base tungsten lamp allowing maximum spacing between units along a path of egress. A complete offering of Par 36 sealed beam tungsten, halogen or MR16 LED lamp heads are also available.

Housing: Constructed of impact-resistant, UL 94 V-0, 5 VA thermoplastic. Mounting is accomplished by means of the universal j-box mounting pattern or the keyhole knockouts provided on the rear of the housing. The cover assembly closes and remains secure via a snap-fit design and offers tool-free access to the housing interior. White or black housing and lamp head colors are available.

Operating Temperature

Range: Standard Location: 65°F (19°C) to 85°F (30°C)
Damp Location: 32°F (0°C) to 104°F (40°C)

Non-Diagnostic

Electronics: Standard electronics systems include a 120/277 VAC dual tap input transformer. Standard electronic performance features include AC line latch, brownout detection, and low-voltage battery disconnect circuitry to maximize battery service life.

Self-Diagnostics

Electronics: Charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation. 120/277 VAC input, surge protection, brownout, AC lockout, and low voltage disconnect features are standard.

Self-Testing Diagnostics

(optional): The diagnostic/charging platform with self-testing mode automatically runs a one-minute self-test every 30 days and a 30-minute test on the sixth and twelfth month. A one-minute or 90-minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional IR test device.

Code Compliance

UL 924 listed. NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. Optional UL damp location listing available (SD2 models only) 0°C to 40°C.

Warranty

Three year full electronics warranty. One year full plus four year prorated lead calcium battery warranty. Five year full plus five year prorated nickel cadmium battery warranty.

Job Information Type:

Job Name:

Cat. No.:

Notes:

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GENERAL DUTY THERMOPLASTIC EMERGENCY LIGHTING

Ordering Information

Series	Housing Color	Lamp Heads	# of Heads	Model Designator	Factory Installed Options ³
6 V Lead Calcium E3112 = 12 W ² E3125 = 25 W E3136 = 36 W ¹ E3150 = 50 W 6 V Nickel Calcium E31N25 = 25 W E31N50 = 50 W	W = White B = Black	Blank = No Lamp Heads 6 V Tungsten S6 = 5.4 W S7 = 7.2 W S9 = 9 W 12 V Tungsten S9 = 9 W S12 = 12.5 W S18 = 18 W MR16 LED Lamp Heads* 12 V LED M7F** = 7 Watt, 35°	1 = One Lamp Head 2 = Two Lamp Heads 3 = Three Lamp Heads	Blank = Standard, Non-Diagnostic Unit SD2 = Diagnostic Electronics	A = Ammeter ³ BD = Battery Disconnect Switch ³ DL = Damp Location Listed ³ EX = Special Input Transformer (specify voltage & frequency) ⁴ F1 = 120 VAC Input Fuse ³ F2 = 277 VAC Input Fuse ³ P1 = 120 VAC Power Switch ³ P2 = 277 VAC Power Switch ³ T = Self-Testing Diagnostics ³ TA = Audible Self-Testing Diagnostics ³ TD = Time Delay, 15 Minutes ³ V = Voltmeter ³

Accessories (order as a separate item)
SDREMOTE = Infrared Remote Test Device
PC51 = Polycarbonate Vandal Shield
WG5 = Wire Guard

Note 1) Not available with DL option. 2) Only available with non-diagnostic models. 3) Only available with diagnostic electronic models. 4) Some option combinations may impact UL listing, consult factory for specifics.

* Lamp included per UL acceptance. ** UL testing restricts using any substitutes for this lamp option.

Electrical Specifications

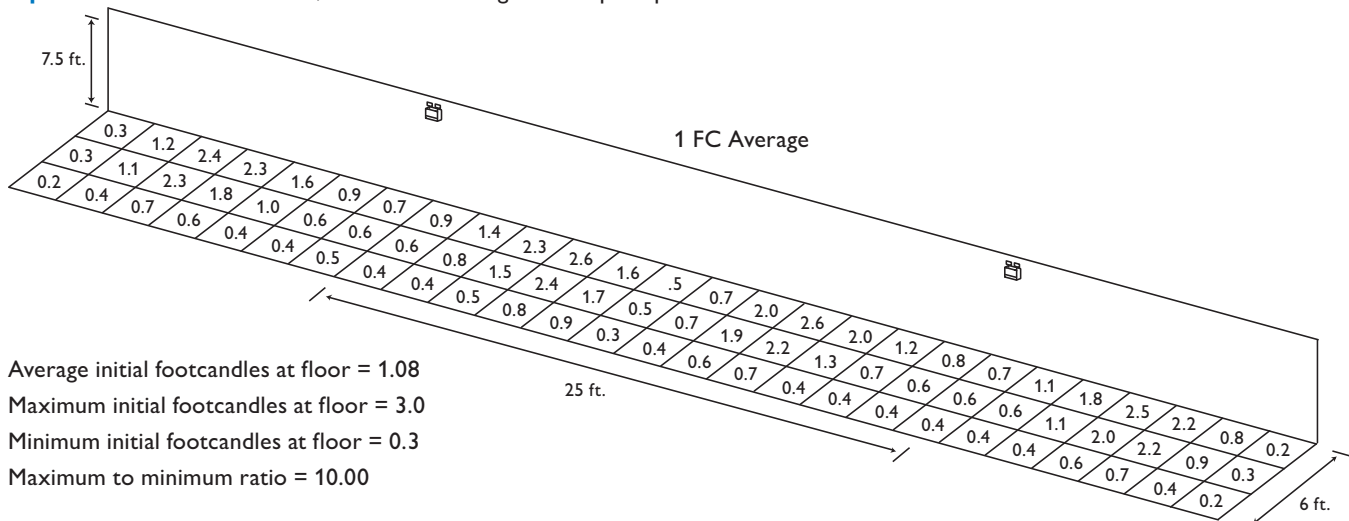
Non-Diagnostic Models (60 Hz)

6 V Lead Calcium: 0.115 A (120 VAC), 0.050 A (277 VAC)
 6 V NiCad: 0.160 A (120 VAC), 0.071 A (277 VAC)
 12 V Lead Calcium: 0.126 A (120 VAC), 0.055 A (277 VAC)
 12 V NiCad: 0.116 A (120 VAC), 0.051 A (277 VAC)

Self-Diagnostics Models (60 Hz)

6 V Lead Calcium: 0.113 A (120 VAC), 0.055 A (277 VAC)
 6 V NiCad: 0.157 A (120 VAC), 0.065 A (277 VAC)
 12 V Lead Calcium: 0.331 A (120 VAC), 0.146 A (277 VAC)
 12 V NiCad: 0.200 A (120 VAC), 0.094 A (277 VAC)

Optics Wall mounted 7.5' AFF, 'S9' 6 V 9 W Tungsten Lamps Represented



* The optics layout shown is intended to be used as reference only. Standard reflectances used were 80/50/20. Lightolier is not responsible for site specific conditions that may alter the results.



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Job Information Type: