



ELECTRICAL SUBMITTALS

PROVIDED
FOR
AZ Sunset Electric
New Valley Church
Lighting Package

Anixter Power Solutions
2902 S. 44th St.
Phoenix, AZ. 85040
602-426-1377
602-889-1947-FAX

LD4IC-AT

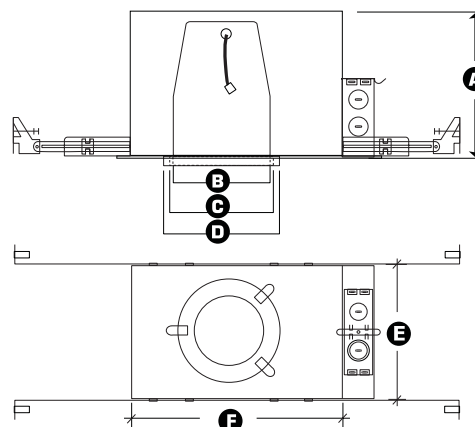
4" New Construction IC Housing for use with RL400 series LED Module lighting components

LD4IC-AT-DIMTR-120
JOB: NEW VALLEY CHURCH
TYPE: A

SAME DAY
SHIPPING AVAILABLE



TO BE USED WITH RL400 SERIES LED MODULE LIGHTING COMPONENT



- A** Height = 7-1/4"
- B** Trim Aperture = 4"
- C** Cut-out = 4-1/2"
- D** Trim Outside Diameter = 5-1/2"
- E** Width = 8"
- F** Length = 12-1/2"

DESCRIPTION - 4" New Construction IC housing for use with RL400 LED series LED Module trims. Designed for new construction installations and suitable for use in insulation covered or non-insulation covered ceilings. The LD4IC-AT housing is engineered with a unique 'EZ-connect' wiring system, that when used with the RL400 trim, with Energy Star and California Title-24 (compliances pending). The unique EZ-connect system also meets other state and national regulatory mandates. LED Module connects effortlessly to housing, virtually eliminating mis-wiring and potential shock hazards.

NOTE - Complete system includes LD4IC-AT housing and LED Modules RL400 series trim. RL400 LED Modules trim must be ordered separately.

OUTER HOUSING - Die-formed aluminum and galvanized steel for maximum heat dissipation and rust protection.

INNER HOUSING - High-temperature painted 22-gauge deep drawn single piece housing. Housing adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" thick ceiling. Housing is IC rated for direct contact with insulation and can be used in IC and NON-IC applications. May be installed in 2" x 8" joist construction.

BAR HANGERS - Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary.

Example: LD4IC-AT-DIMTR-120

JUNCTION BOX - UL Listed for through-branch circuit wiring, provided with four 1/2" knockouts, one 3/4" knockout and four Romex knockouts with true pry-out slots and strain clamps. Designed for straight through conduit runs.

THERMAL PROTECTION - Standard thermal protection device guards against improper installation and misuse of insulation material.

CONNECTION - Polarity-specific EZ-connect system engineered to match with Elite LED Module trims. Meets strict code requirements where Edison Base Sockets have been banned.

ELITE LED MODULE SOLD SEPARATELY - LED Modules unique 'EZ-connect' wiring system is Title 24 compliant when used with the LD4IC-AT housing. The unique EZ-connect system also meets other state and national regulatory mandates. System is a UL Listed disconnect system that preserves the integrity of the energy-efficient system by insuring only Elite brand trims are used. The EZ-connect system prevents installation of less efficient incandescent luminaires and LEDs.

LISTING

c-UL-us listed for Damp location. Feed Through Wiring. Direct Contact w/ Insulation. LM79/LM80
Covered by U.S. Patent Number: 7717390B1

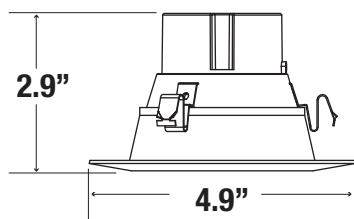
DIMMING INFORMATION

DIMTR (Triac Dimming)

HOUSING TYPE				
<input type="checkbox"/> LD4IC-AT-DIMTR-120 - Used For Triac Dimming Module				
<input type="checkbox"/> LD4IC-AT-DIM10 - Used For 0-10V Dimming Module				
<input type="checkbox"/> LD4IC-AT-277 - Used For Non Dimming Module				
TRIM TYPE	650L/900L SERIES	CCT	CRI	FINISH
<input type="checkbox"/> RL430 (Baffle)	<input type="checkbox"/> 650L-DIMTR-120 <input type="checkbox"/> 650L-277 (Non Dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (CRI 85+ Only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> CP-CP <input type="checkbox"/> P-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-SN <input type="checkbox"/> P-BK
<input type="checkbox"/> RL411 (Baffle Wall Wash)	<input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-DIM10 <input type="checkbox"/> 900L-277 (Non Dimmable)			
<input type="checkbox"/> RL407 (Reflector)	(0-10V option for 900L only)		<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CL-WH <input type="checkbox"/> RG-PB <input type="checkbox"/> CP-WH <input type="checkbox"/> CL-CH <input type="checkbox"/> W-WH <input type="checkbox"/> CP-CP <input type="checkbox"/> MB-WH <input type="checkbox"/> SN-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> MB-BK <input type="checkbox"/> RG-WH <input type="checkbox"/> CL-SN <input type="checkbox"/> SN-SN
<input type="checkbox"/> RL422 (Reflector Wall Wash)				
<input type="checkbox"/> RL428	<input type="checkbox"/> 650L-DIMTR-120	<input type="checkbox"/> 30K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH



DIMENSION



INSTALLATION

Ez connector to use with special high efficacy housing or Edison base adapter for retrofitting into existing 4" incandescent housings.



CERTIFICATIONS

- cULus
- RoHS
- IECC
- LM97/LM80
- California Title 24
- New York State
- Washington State

ENGINEERED FOR VERSATILITY AND PERFORMANCE

The Elite REL437 has been engineered for New Construction, Remodel and Retrofit applications for 4 inch downlights. Dedicated housings install the same way as our standard incandescent downlights. Over 1100 usable lumens are directed from the luminaire to the work surface. Lighting is smooth and comfortable, all while using 75% less energy than the equivalent 50W BR20 and 25% less than the common 18W CFL. Plus the Elite REL437 features 50,000hrs of life, and California Title-24 compliance.

INPUT VOLT.	INPUT FREQ.	THD	POWER FACTOR	INPUT POWER	LUMENS
120	50/60Hz	<20%	>0.9	10W(+/-5%)	700
120	50/60Hz	<20%	>0.9	15W(+/-5%)	1100

FEATURES

Greater light output than an 18W CFL or a 50W BR20 while consuming less than 15W of power.

OPTICS

The Elite-Engineered LED Module system is much more than just a simple LED retrofit. The Elite LED system is a highly engineered work of design and optical science which produces over 1100 lumens! Our meticulously crafted optics gather the light scattered by the LED chip and shape it into a functional beam with uniform light distribution. The baffle also offers the benefits of a smooth integrated light with glare reduction at a 55 degree cut-off, which minimizes brightness.

DURABILITY

Die-cast aluminum housing and heat management system are engineered for extremely long life and service period. Without proper heat management, any LED luminaire will fail. Our die-cast system pulls the heat from the LED chip, allowing the continued cool operation for years. Life tests have shown the Elite REL437 light output will be maintained at 70% of initial at 50,000 hours of operation. Our LED driver is rated for 50 to 60 Hz at 120V input, produces less than 20% THD, has a power factor between 0.90 and 1.00 and is thermal protected for additional safety.

REPEATABLE

Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the Elite REL437 Module is engineered for quality. All Elite LED luminaires are rated at 85+ and 90+ CRI, also rated and tested to LM-79 and LM-80 standards by a certified laboratory, and meets the California Title-24 compliance standards. Elite's highly selective LED chips produce zero ultraviolet and virtually no infrared light.

DIMMABLE

The Elite REL437 lighting system is dimmable down to 10% by using an approved incandescent dimmer or select electronic low voltage dimmers when ordered with DIMTR-120 option. Refer to dimming matrix for more information.

INTERCHANGEABLE

The Elite REL437 LED system works in our dedicated (LD4IC-AT, LD4RIC-AT) housings and our existing 4" incandescent housings (B4IC-AT, B4RIC-AT) but is also suitable for use in most 4" recessed downlight housings.

ADAPTABLE

All Elite REL437 luminaires are shipped standard with our custom engineered Edison adapter. This adapter assembly allows the luminaires to install directly into existing Elite 4" downlight housings and most other 4" downlight housings. GU24 style socket base adapters also available upon request.

OUR WORD

The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included)

Ordering Guide for Compatible Housing

IC - New Construction	Non-IC New Construction	IC - For Remodel	Non-IC For Remodel
LD4IC-AT	LD4-AT	LD4RIC-AT	LD4R-AT
HLD4IC-AT	HLD4-AT		HLD4R-AT
B4IC-AT	B4-AT		B4R-AT

Example: **REL437-700L-DIMTR-120-30K-90-WH**

REL437	- 700L-DIMTR-120	- 30K	- 90	- WH	
TYPE	LUMEN	CCT	CRI	FINISH	OPTION
REL437 (BAFFLE)	<input checked="" type="checkbox"/> 700L-DIMTR-120 <input type="checkbox"/> 1100L-DIMTR-120	<input type="checkbox"/> 27K <input checked="" type="checkbox"/> 30K	<input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input checked="" type="checkbox"/> 90+	<input checked="" type="checkbox"/> WH <input type="checkbox"/> SN
					<input type="checkbox"/> GU24SA- GU24 SOCKET ADAPTER

ET-LED-213

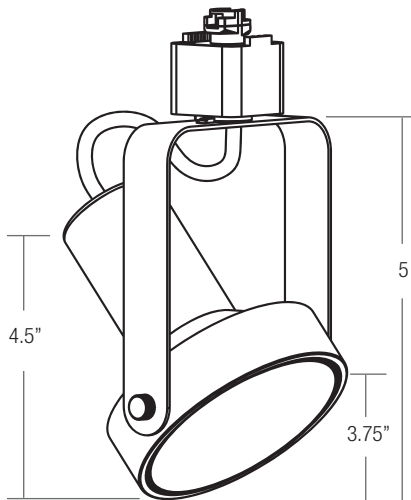
LED GIMBAL TRACK FIXTURE

LUMEN PACKAGE: UP TO 1100L

WATTAGE: 17W



DIMENSIONS:



OPTICS



(VWFL) Very Wide Flood
50° - 60°

Catalog Number: **ET-LED-213-1100L-DIMTR-120-30K-90-ABK**

Project Name: **NEW VALLEY CHURCH**

Note:

Type: **B**

LED MODULE PERFORMANCE

Available in 3000K.

High color rendering of 90+ CRI and guaranteed color consistency within a 2 step MacAdams Ellipse.

Guaranteed lumen maintenance of 70% at 50,000 hrs and tested to LM-79 and LM-80 standards by an independent laboratory.

Track heads available in a variety of delivered lumen options based on series: 1100L.

DIMMING INFORMATION

Multiple dimming options available, with smooth dimming down to 10% of full light

Our LED drivers are rated for 60Hz at 120V input and produce less than 20% THD, and a power factor between 90% and 100%

WARRANTY

Five years limited warranty and a minimum 50,000 hours performance at L70.

FINISH

Track is available in black and white.

HOUSING

All tracks are design using a proprietary coolLED Advanced Thermodynamic Design. Heat management systems are engineered for extremely long life and service period.

Electronic constant current LED driver compatible with TRIAC (forward-phase or leading-edge) and input 120V. Protections : output open load, over-current and short-circuit (hiccup), and over-temperature with auto recovery.

Tracks are shipped standard to be compatible with 1 Circuit and 2 Circuit type H track. It is also available for 2 Circuit 2 Neutral 120V Track.

Track heads are adjustable up to 360° horizontally and 180° vertically

Track heads use a friction-based movement system that allows you to adjust and re-adjust track head positioning to deliver light where your need it most. Once the angles have been set each track light will stay in place until re-adjusted for the next display.

NOTE: Ceiling mount Only.

SAME DAY SHIPPING AVAILABLE

PROUDLY
ASSEMBLED in
AMERICA

Example: ET-LED-213-1100L-DIMTR-120-WFL-30K-90-AWH

SERIES	LUMENS/DIMMING	OPTICS	STANDARD SERIES CCT/CRI	COLOR
ET-LED-213	1100L-DIMTR-120	WFL = 38°	30K-90	AWH(Architectural White) ABK(Architectural Black)

SPECIFICATIONS:

ET-LED-213

LUMEN/DIMMING

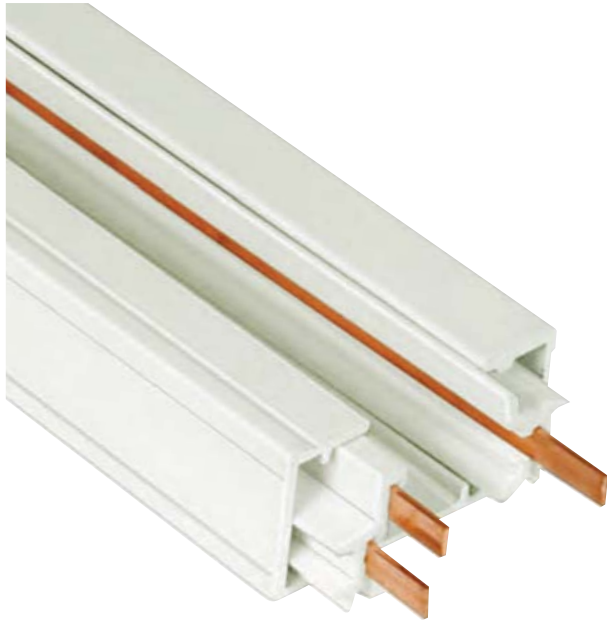
OPTICS

STANDARD
CCT/CRI

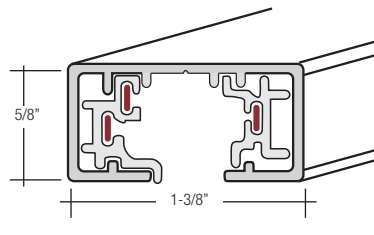
COLOR

Example: ET-LED-213-1100L-DIMTR-120-WFL-30K-90-AWH

ET140-B
JOB: NEW VALLEY CHURCH
TYPE: B



DIMENSIONS

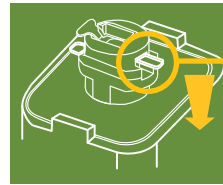


I-CIRCUIT TRACK

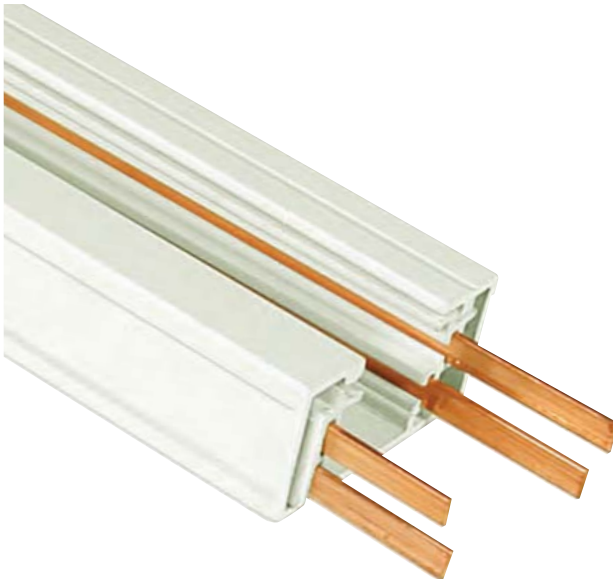
- Single circuit
- Extruded aluminum body
- Insulated solid 12-gauge copper
- Rated for maximum of 2400 watts
- Visual polarity groove
- Compatible with most 3-wire systems
- Easy Relocatable fixture head

ET2	2 FT. TRACK
ET4	4 FT. TRACK
ET6	6 FT. TRACK
ET8	8 FT. TRACK
ET12	12 FT. TRACK

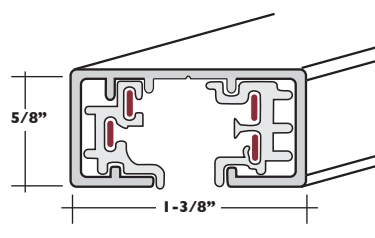
Color:
W = White B = Black SN = Satin Nickel



The lever must be placed at the lower position, when the track head is intended to be use in a one-circuit track system.



DIMENSIONS



2-CIRCUIT TRACK

- Double circuit
- Extruded aluminum body
- Insulated solid 12-gauge copper
- Rated for maximum of 2400 watts
- Visual polarity groove
- Compatible with most 3-wire systems
- Easy Relocatable fixture head

ET2002	2 FT. TRACK
ET2004	4 FT. TRACK
ET2006	6 FT. TRACK
ET2008	8 FT. TRACK
ET2012	12 FT. TRACK

Color:
W = White B = Black SN = Satin Nickel

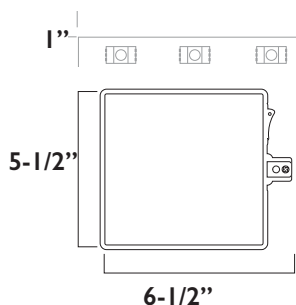


The lever must be placed at the upper position, when the track head is intended to be use on the second-circuit of the track.

TRACK-CIRCUIT LIMITER

Features and Benefits

- Center & End Feed capable.
- Seven breaker sizes are available.
- Can be utilized on hard or grid ceilings.
- Can be used with pendant suspended track.
- Breaker can be used as an on-off switch.
- Meets California Title 24 requirements.
- cULus Listed.



Finish:

☐ WH-White
 ☐ BK-Black

Single Circuit Track Limiter

live-end feed with circuit breaker

ET158-1A-__	(120W) Circuit Breaker
ET158-2.5A-__	(300W) Circuit Breaker
ET158-5A-__	(600W) Circuit Breaker
ET158-7.5A-__	(960W) Circuit Breaker
ET158-10A-__	(1200W) Circuit Breaker
ET158-12A-__	(1440W) Circuit Breaker
ET158-14A-__	(1660W) Circuit Breaker

2- Circuit Track Limiter

live-end feed with circuit breaker

ET2158-1A-__	(120W) Circuit Breaker
ET2158-2.5A-__	(300W) Circuit Breaker
ET2158-5A-__	(600W) Circuit Breaker
ET2158-7.5A-__	(960W) Circuit Breaker
ET2158-10A-__	(1200W) Circuit Breaker
ET2158-12A-__	(1440W) Circuit Breaker
ET2158-14A-__	(1660W) Circuit Breaker

Single Circuit Track Coupler Limiter

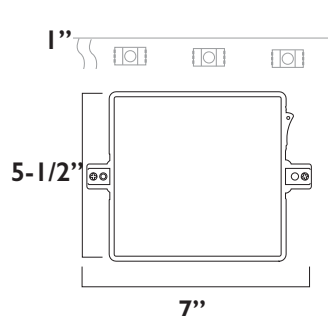
In-line feed with circuit breaker

ET159-1A-__	(120W)-Circuit Breaker
ET159-2.5A-__	(300W)-Circuit Breaker
ET159-5A-__	(600W)-Circuit Breaker
ET159-7.5A-__	(960W) Circuit Breaker
ET159-10A-__	(1200W) Circuit Breaker
ET159-12A-__	(1440W) Circuit Breaker
ET159-14A-__	(1660W) Circuit Breaker

2- Circuit Track Coupler Limiter

In-line feed with circuit breaker

ET2159-1A-__	(120W)-Circuit Breaker
ET2159-2.5A-__	(300W)-Circuit Breaker
ET2159-5A-__	(600W)-Circuit Breaker
ET2159-7.5A-__	(960W) Circuit Breaker
ET2159-10A-__	(1200W) Circuit Breaker
ET2159-12A-__	(1440W) Circuit Breaker
ET2159-14A-__	(1660W) Circuit Breaker





Conduit Connector

ET126- 1-Circuit
ET2126- 2-Circuit

Color:

ET126- ☐ White ☒ Black ☐ Satin Nickel
ET2126- ☐ White ☒ Black



Continuation Kit

ET156- 1-Circuit
ET2156- 2-Circuit

Color:

☐ White ☒ Black

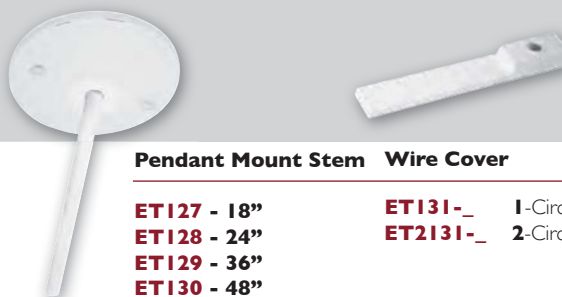


"X" Connector to Connect 4 Track Sections

ET112- 1-Circuit
ET2112- 2-Circuit

Color:

☐ White ☒ Black



Pendant Mount Stem Wire Cover

ET127 - 18"
ET128 - 24"
ET129 - 36"
ET130 - 48"

Color:

☐ White ☒ Black

ET131- 1-Circuit
ET2131- 2-Circuit



"T" Connector to Connect 3 Track Sections

ET111- 1-Circuit
ET2111- 2-Circuit

Color:

☐ White ☒ Black



Flex Connector to Connect Track at any Angle

ET110- 1-Circuit
ET2110- 2-Circuit

Color:

☐ White ☒ Black



Pendant Drop Slope Ceiling 5"

Diameter

ET139- Universal-1, 2-Circuit

Color:

☐ White ☒ Black



T-bar Clip

ET150



Aircraft Gripper

ET165-

Adjustable Gripper with Ceiling Coupler
(Specify cable length)



Line Voltage Canopy Monopoint

ET104- 1-Circuit
ET2104- 2-Circuit

Color:

☐ White ☐ Black
☐ Silver ☐ Satin Nickel

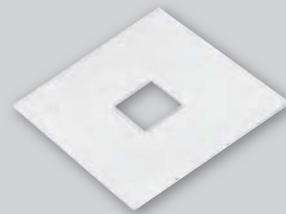


Low Voltage Canopy Monopoint

ET151- 1-Circuit

Color:

☐ White ☐ Black



Outlet Box Cover

ET113- 1-Circuit
ET2113- 2-Circuit

Color:

☐ White ☐ Black



Live end Connector (Line voltage 120V)

ET101- 1-Circuit
ET2101- 2-Circuit

Color:

☐ White ☐ Black
☐ Silver ☐ Satin Nickel

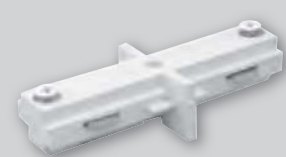


"L" Connector with Power Entry

ET108- 1-Circuit
ET2108- 2-Circuit

Color:

☐ White ☐ Black
☐ Silver ☐ Satin Nickel



Mini Coupler

ET107- 1-Circuit
ET2107- 2-Circuit

Color:

☐ White ☐ Black
☐ Silver ☐ Satin Nickel



Live end with 15' Cord

ET125- 1-Circuit

Color:

☐ White ☐ Black



Straight Connector with Power Entry

ET136- 1-Circuit
ET2136- 2-Circuit

Color:

☐ White ☐ Black



Pendant Mount Stem

ET132 - 18" **ET134 - 36"**
ET133 - 24" **ET135 - 48"**

Color:

☐ White ☐ Black



Pendant Cord Adapter

ET122- I-Circuit

Color:
☐ White ☒ Black



Slope Ceiling Adapter

ET115- I-Circuit

Color:
☐ White ☒ Black



Outlet Adapter

ET124- I-Circuit

Color:
☐ White ☒ Black



Sign Hanger

ET123- I-Circuit

Color:
☐ White ☒ Black



Line Voltage Round Monpoint Plate

ET140- I-Circuit

Color:
☐ White ☒ Black



Live End with Cover

ET138- I-Circuit
ET2138- 2-Circuit

Color:
☐ White ☒ Black



End Cap

ET106- I-Circuit
ET2106- 2-Circuit

Color:
☐ White ☒ Black



Floating Canopy

ET103- I-Circuit
ET2103- 2-Circuit

Color:
☐ White ☒ Black
☐ Silver ☐ Satin Nickel



T-Bar live End

ET137- I-Circuit
ET2137- 2-Circuit

Color:
☐ White ☒ Black

MR16 LENS FILTER

CAT. #	COLOR
BP8MR16-BL	BLUE
BP8MR16-GR	GREEN
BP8MR16-PI	PINK
BP8MR16-PU	PURPLE
BP8MR16-DL	DAY LIGHT
BP8MR16-YE	YELLOW
BP8MR16-AM	AMBER
BP8MR16-OR	ORANGE
BP8MR16-RE	RED



MR16 SPECIALTY LENS FILTER

CAT. #	COLOR
1. BP8MR16-SOL	SOLITE
2. BP8MR16-CL	CLEAR
3. BP8MR16-HC	HONEY COMB
4. BP8MR16-UV	ULTRAVIOLET
5. BP8MR16-LI	LINEAR
6. BP8MR16-FR	FROSTED
7. BP8MR16-WA	WAVE
8. BP8MR16-SP	SPREAD



LED-EM UNDER CABINET LIGHTING SERIES



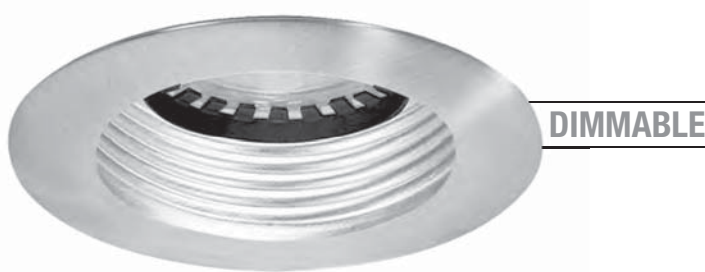
DIMMABLE

Surface/Recessed
LED-EM-207W-WH-CW
LED-EM-207W-WH-WW

LED-EM-207 A - B

SERIES	(A)BAFFLE FINISH/ RING FINISH	(B)COLOR TEMP
LED-EM-207	<input type="checkbox"/> W-WH -White <input type="checkbox"/> W-CH - White- Polish Brass <input type="checkbox"/> W-PB - White- Polish Brass <input type="checkbox"/> W-BK -White- Black	<input type="checkbox"/> WW- Warm White <input type="checkbox"/> CW- Cool White

Dimmable if used with 12V magnetic transformer and magnetic low voltage dimmer



DIMMABLE

Surface/Recessed
LED-EM-206SN-SN-CW
LED-EM-206SN-SN-WW

LED-EM-206 A - B

SERIES	(A)BAFFLE FINISH/ RING FINISH	(B)COLOR TEMP
LED-EM-206	<input type="checkbox"/> P-PB- Black- Polish Brass <input type="checkbox"/> P-WH- Polish Brass- White <input type="checkbox"/> SN-SN- Satin Nickle <input type="checkbox"/> RG-PB- Polish Brass <input type="checkbox"/> P-CH- Polish Brass- Chrome <input type="checkbox"/> P-BK- Black <input type="checkbox"/> CP-CP- Copper	<input type="checkbox"/> WW- Warm White <input type="checkbox"/> CW- Cool White

Dimmable if used with 12V magnetic transformer and magnetic low voltage dimmer



DIMMABLE

Surface/Recessed
LED-EM-208WH-CW
LED-EM-208WH-WW

LED-EM-208 A - B

SERIES	(A)BAFFLE FINISH/ RING FINISH	(B)COLOR TEMP
LED-EM-208	<input type="checkbox"/> SN- Satin Nickle <input type="checkbox"/> PB- Polish Brass <input type="checkbox"/> WH- White <input type="checkbox"/> BK- Black <input checked="" type="checkbox"/> CH- Chrome <input type="checkbox"/> CP- Copper	<input checked="" type="checkbox"/> WW- Warm White <input type="checkbox"/> CW- Cool White

Dimmable if used with 12V magnetic transformer and magnetic low voltage dimmer



DIMMABLE

Surface/Recessed
LED-EM-212CL-WH-CW
LED-EM-212CL-WH-WW

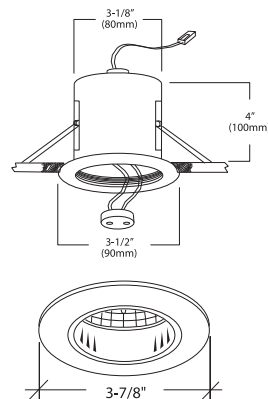
LED-EM-212 A - B

SERIES	(A)BAFFLE FINISH/ RING FINISH	(B)COLOR TEMP
LED-EM-212	<input type="checkbox"/> CL-WH-Chrome- White	<input type="checkbox"/> WW- Warm White <input type="checkbox"/> CW- Cool White

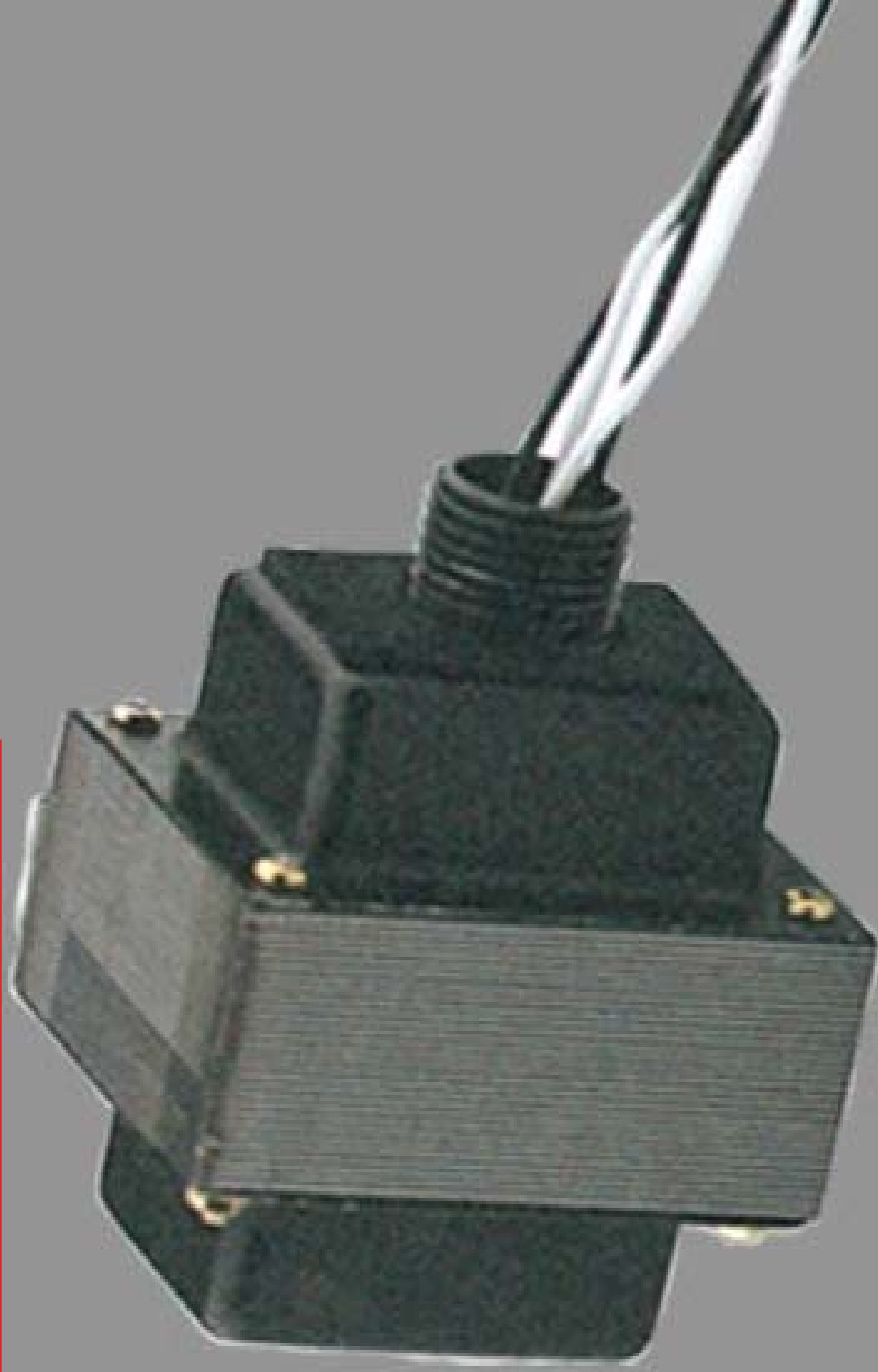
Dimmable if used with 12V magnetic transformer and magnetic low voltage dimmer

Description:

- Ideal for cabinets where crisp white LED light is desired
- Includes housing to be used with remote transformer
- All die-cast construction
- Ceiling opening is 3-1/8"
- 3W LED Warm White* 180 lumens
- Available in Warm White & Cool White Color Temperature
- For dimming use magnetic 12V transformer with magnetic low voltage dimmer (BP50)



BP50
JOB: NEW VALLEY CHURCH
TYPE: E



FEATURES & SPECIFICATIONS

INTENDED USE

The new LED Outdoor Wet Location fixture provides maintenance-free and bug free illumination for residential or commercial applications such as breezeways, entranceways and covered living areas. Engineered for durability and versatility in ceiling/canopy or wall/wall pack types of applications. Simple, sleek design provides a complimentary style and the die-cast backplate and rugged acrylic lens make it the ideal solution in many applications. Low profile LED fixtures are available in black or white.

CONSTRUCTION

Durable cast-aluminum backplate is powder coat finished that provides superior resistance to corrosion and weathering, holds a thick and equally durable acrylic lens. Engineer casting makes it bug-proof if you caulk the mounting holes. Gasket supplied for back plate.

OPTICS

High-performance LEDs produce up to 1200 Lumens available in 2 color temperatures. White acrylic diffuser provides a comfortable, glare free white light in either 3000K or 4000K color. Fixture life is five (5) years or 50,000 hours.



ELECTRICAL

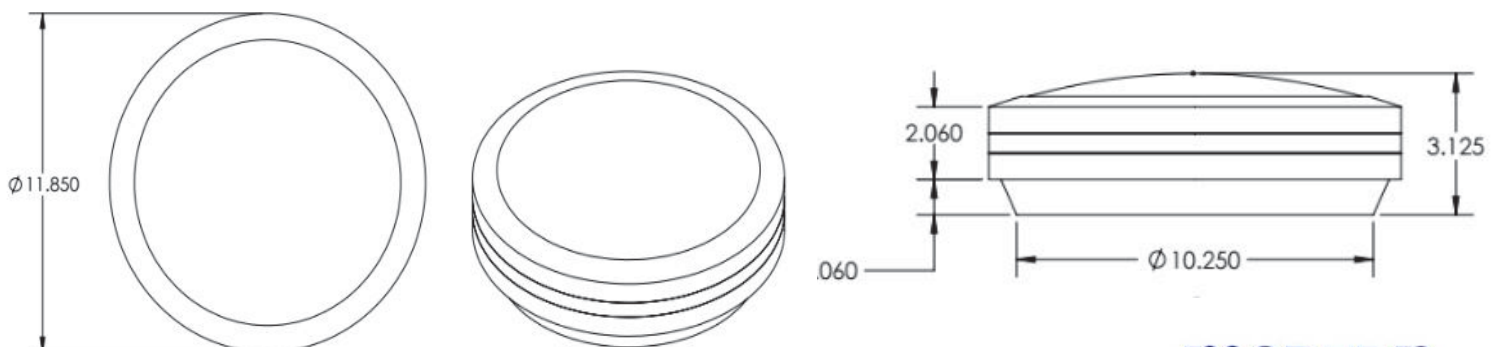
Fixture operates at 120 volts, 60 Hz.
 Standard input = 15 watts.
 Operating temperature -30°C to 40°C.

INSTALLATION

Mounts easily to existing junction box (by others).

ORDERING INFORMATION

ITEM NO.	DESCRIPTION
GLO12-LED15TD120BK40	LED Round 12 in. Diameter, Black 120V Only, 1,200 Lumens, 4000K
GLO12-LED15TD120BK30	LED Round 12 in. Diameter, Black 120V Only, 1,200 Lumens, 3000K
GLO12-LED15TD120WH40	LED Round 12 in. Diameter, White 120V Only, 1,200 Lumens, 4000K
GLO12-LED15TD120WH30	LED Round 12 in. Diameter, White 120V Only, 1,200 Lumens, 3000K



Dimensions and specifications subject to change without notice.

Attractive and easy to install, the VEX Series combines quality LED illumination with contemporary, soft corner styling to complement any application.

FEATURES

- Compact, low profile design
- Easy to install, snap together design
- Rugged, injection-molded UL94 5VA flame retardant, high-temperature thermoplastic housing
- Ceiling, wall or end mounted
- Maintenance-free NiCad battery
- UL listed 90 minute emergency run time, 24 hour recharge time
- Constant, uniform illumination by long-life, high intensity, red or green LEDs
- Fully-illuminated 6" characters with 3/4" stroke
- Optional Guardian Self-Test/ Self-Diagnostics (G2) available
- Field selectable directional chevron knockouts
- 120/277V dual primary, 60Hz input
- Standard finishes: Black or White
- Suitable for damp location
- Fixture series may be built to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions (USA Option) - call factory for details

WARRANTY

Any component that fails due to manufacturers defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. See the full Exitronix warranty document for detailed information.

Model:

VEX-U-BP-WB-WH

Accessories:

Job Name:

NEW VALLEY
CHURCH

Type: ES1



Custom legends available



ORDERING INFORMATION Example: VEX-U-BP-WB-WH-G2

Series	Style	Housing Type	Power Source	Finish	Options (Factory Installed)	Accessories ⁶ (Field Installed)
VEX = Red	U ¹ = Universal	BP = Plastic	LB = AC Only	WH = White	220 = 220VAC, 50Hz Input	ER1-KIT ⁵ = 1' Pendant Mount Kit
GVEX = Green			WB = With Battery	BL = Black	2CI ² = 2 Circuit Input	ER2-KIT ⁵ = 2' Pendant Mount Kit
					G2 ³ = Self-Test/Self-Diagnostics	VEPA = Pendant Adapter
					SS ⁴ = Specialty Signs	WG-1 = Wire Guard (Back Mount)
					USA = Meets Buy America Requirements	WG-2 = Wire Guard (End Mount)
					SALIDA = Salida Legends	WG-3 = Wire Guard (Ceiling Mount)
						XG-1 = Poly Guard (Back Mount)
						XG-3 = Poly Guard (Ceiling Mount)

Notes

¹ Universal includes 2nd exit face and backplate

² 2CI not available with WB or G2

³ G2 not available with LB

⁴ Consult factory for alternate legends and custom configurations, not available with BL finish, may require minimum order quantities

⁵ Requires VEPA option

⁶ Order as separate line item

CONSTRUCTION

The VEX series is constructed of a precision-molded housing utilizing 5VA flame retardant, corrosion proof, UV stable thermoplastic. Units resist denting, peeling, scratching and corrosion.

ILLUMINATION

Illumination of the VEX series is achieved with high output, long lasting red or green LEDs. An exclusive color-matched diffuser eliminates hot spots and striations, providing optimal light output. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz.

Sealed Nickel Cadmium Battery – NiCad (WB)

Exitronix nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 32°F - 104°F (0°C - 40°C).

Emergency

The VEX series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery

Solid-State Transfer

The circuit features solid-state switching for emergency lamps, eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

Wattage Consumption

	Steady State Input Watts		Steady State Max Amps	
	120V	277V	120V	277V
VEX	3.6W	2.77W	0.03A	0.01A

Test Button

The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

INSTALLATION

Simple snap together universal design allows for face plate and back plate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

Damp Location Rated

Damp location rated fixture that is normally or periodically subject to condensation of moisture in, on or adjacent to, and includes partially protected locations.

Assembled in the USA (Option: USA)

Many of our products can be produced or transformed to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions. These fixtures meet LEVEL 2 compliance when option is requested – please call factory for details with questions.

Guardian Self-Test/Self-Diagnostics (Option: G2)

The Guardian Bi-Color Circuit is factory preset; without any field adjustments needed. It continuously monitors the performance condition of the AC power, battery supply, and charging circuitry.

The intent of this option is to provide visual signaling to identify fault at the Exit. Fault indicators are as follow:

Battery Disconnection: (Steady RED)

Battery Recharge Failure: (Flashing RED)

Battery Failure: (RED Blinking '2' times)

LED Failure: (RED Blinking '3' times)

Two-Circuit Operation (Option: 2CI)

Two Circuit input allows for a primary and auxiliary power source to be connected to the emergency unit that does not contain a battery. Applications include those with inverters or alternate backup power sources.

Custom and Specialty Legends (Option: SS)

Exitronix offers a variety of standard specialty signs designed to provide directional or safety information in applications where clear and accurate delivery of information is required.

Examples of specialty legends include:

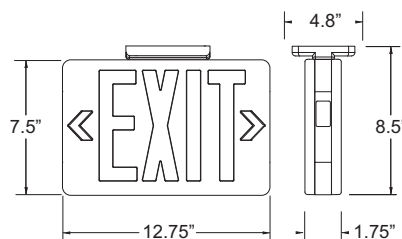
- "X-RAY IN USE"
- Restroom Signage
- "NO SMOKING"
- AREA OF RESCUE ASSISTANCE" with ADA Symbol on Left or Right
- "ON THE AIR"
- "DO NOT ENTER"
- "OCCUPIED"

Custom Legends are also available – please call factory for details with questions.

CONFORMANCE TO CODES & STANDARDS

The VEX Series is UL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

DIMENSIONS



The all new Exitronix Tempo Pro family of LED emergency exit luminaires provide a more complete, compact, powerful light offering with a higher performance than most currently on the market.

FEATURES

- Ultra compact, injection-molded UL94 5VA flame rated thermoplastic housing
- Universal style includes 2 face plates, back plate and mounting canopy and can be ceiling, wall or end mounted
- Optional red or green LEDs with color matched lens for exit
- Standard 1 watt high power LED lamps
- Ultra bright 6000K SMD LEDs
- Fully adjustable lamps for top, side and forward, or back light distribution
- Tool-less design allows for fast and easy installation
- Optional Guardian Self-Test/ Self-Diagnostics (G2) available
- Remote option provides 4 watts of remote capability for use with RL52 or RL1-WP Series Remotes
- UL 924 and cUL certified
- 120/277VAC, 60Hz
- Universal mounting; top, back, side
- Field selectable directional chevrons included for all configurations
- Main-free NiCad or NiMH battery depending on configuration
- Standard finishes: Black or White
- Suitable for damp locations

WARRANTY

Any component that fails due to manufacturer's defect is guaranteed for 3 years with a separate 3 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. See the full Exitronix warranty document for detailed information.

Model: **VLEDC-51-WH**
Accessories:
Job Name: **NEW VALLEY CHURCH** Type: **ES2**



ORDERING INFORMATION Example: VLEDC-51-WH-G2

Series	Finish	Options (Factory Installed)	Accessories ¹ (Field Installed)
VLEDC-51 = Red	WH = White	G2 = Self-Test/Self-Diagnostics	WG-1 = Wire Guard (Back Mount)
GVLEDC-51 = Green	BL = Black	R4 ² = Remote Capable (4 watts)	XG-1 = Polycarbonate Guard (Back Mount)

Notes

¹ Order as separate line item

² R4 option supplied with NiMH battery

CONSTRUCTION

Precision molded unit and lamp housings constructed of UL 94V-0 flame retardant, corrosion resistant thermoplastic. Maintains compact size in packaging; lamps are packaged inside the exit housing and easily snap in place for use. Units resist denting, peeling, scratching and corrosion. Tool-less access and snap-together design provided for easy maintenance.

ILLUMINATION

Exit is backlit with optically true red or green LEDs with color matched lens providing bright even illumination. Two fully adjustable, attractive lamp heads allow for maximum light to be delivered to the path of egress. Lamps can be set into a top or side mount position as well as front or back for maximized directional light for egress path. Fixtures are supplied with high powered SMD 1W LED lamps providing 150 total lumens, in a pure white color temperature of 6000K. The LEDs have an estimated life over 50,000 hours with normal use. The high performance LEDs offer up to 25 foot on center spacing.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz.

Nickel Cadmium Battery (NiCad)

Nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0°C to 40°C (32°F to 104°F).

Nickel Metal Hydride Battery (NiMH) Standard with R4 option

Nickel metal hydride batteries are maintenance-free with a life expectancy of 15 years. NiMH batteries perform optimally in temperatures ranging from 0°C to 40°C (32°F to 104°F). NiMH batteries are more environmentally-friendly than traditional NiCad or lead acid alternatives as they contain no cadmium or lead.

Emergency

The VLEDC-51 will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Remote Capable (Option: R4)

The R4 option provides an additional 4 watts of remote capability. For use with RL52 / 2RL52 remote lamps.

Solid-State Transfer

The unit features a solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

Test Button

Our test button is easy to locate and allows for manual verification of proper operation of the transfer circuit and emergency lamps.

INSTALLATION

A universal J-box mounting pattern and rear keyhole slots are provided for wall mounting.

Guardian Self-Test/Self-Diagnostics (Option: G2)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

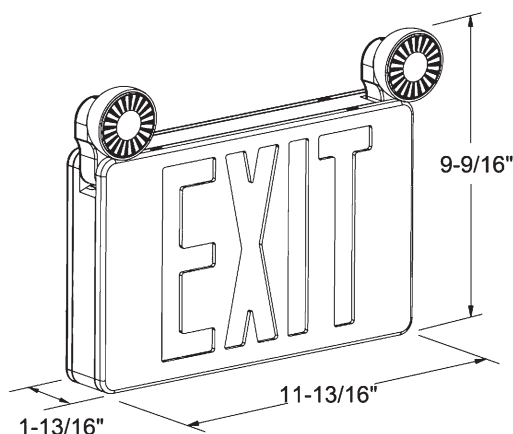
The purpose of this option is to provide visual signaling in response to a fault. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

The Guardian circuit monitors the transfer circuit and performs automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days and a 90 minute discharge and self-test every 6 months.

CONFORMANCE TO CODES & STANDARDS

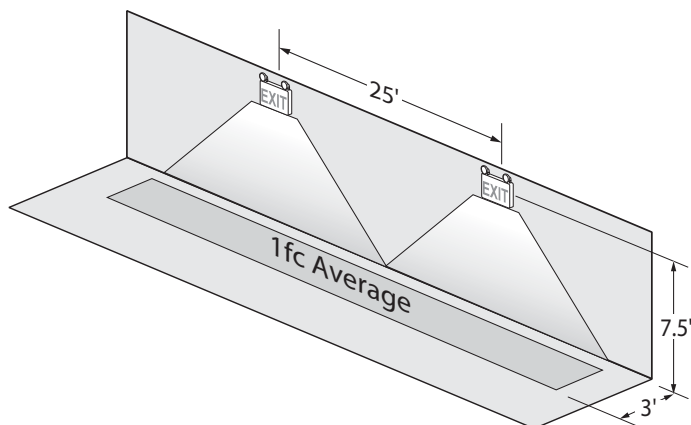
The VLEDC-51 Series is UL listed and meets or exceeds the following: UL 924, cUL, NEC requirements and NFPA 101.

DIMENSIONS

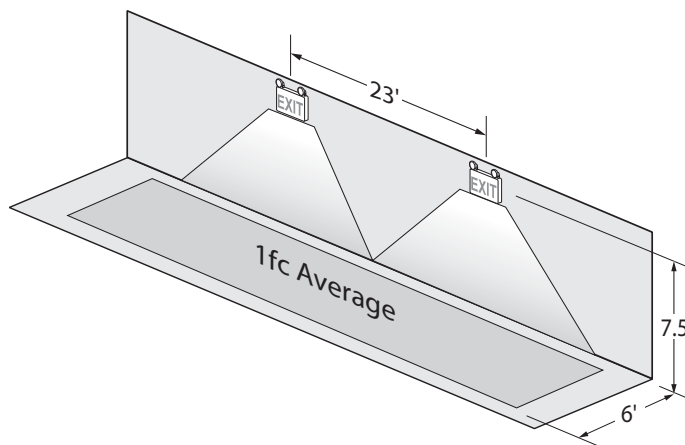


SAMPLE PHOTOMETRICS

Using multiple units mounted at a typical 7.5" foot height delivers 25 foot on center spacing with a 3 foot wide path of egress.



Using multiple units mounted at a typical 7.5" foot height delivers 23 foot on center spacing with a 6 foot wide path of egress.



The all new Exitronix Tempo Pro family of LED emergency exit luminaires provide a more complete, compact, powerful light offering with a higher performance than most currently on the market.

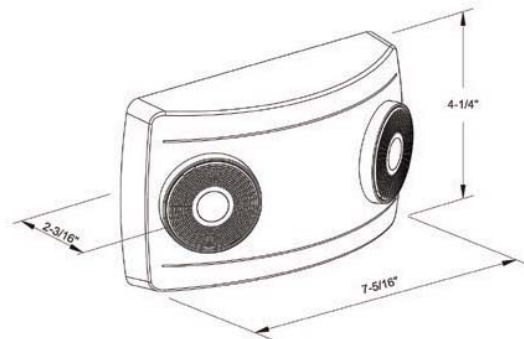
FEATURES

- Injection-molded UL94V-0 flame rated thermoplastic housing
- LED-51 standard width 1 watt LED lamp heads
- LED-52 standard width 2 watt high performance LED lamp heads
- Wall or ceiling back mount
- Tool-less design allows for fast and easy installation
- Guardian (G2) option available (LED-52 only)
- Remote option provides 2 watts of remote capability (LED-52 only)
- UL 924 and cUL certified
- 120/277VAC, 60Hz
- Standard White Finish; Optional Black
- Suitable for damp locations
- Maintenance-free NiCad battery (LED-51)
- Maintenance-free NiMH battery (LED-52)

WARRANTY

Any component that fails due to manufacturers defect is guaranteed for 3 years with a separate 3 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

DIMENSIONS



Model: **LED-51-WH** Date: _____
Accessories: _____
Job Name: **NEW VALLEY CHURCH** Type: **EM**



ORDERING INFORMATION Example: LED-52-WH-G2

Series	Finish	Options (Factory Installed)	Accessories ² (Field Installed)
LED-51 = 1 Watt Lamps	WH = White	G2 ¹ = Self-Test/Self-Diagnostics	WG-1 = Wire Guard (Back Mount)
LED-52 = 2 Watt Lamps	BL = Black	R2 ¹ = Remote Capable (2.5 watts)	XG-1 = Polycarbonate Guard (Back Mount)

Notes

¹ Only available on LED-52

² Order as separate line item

CONSTRUCTION

Precision molded unit and lamp housings constructed of UV stable UL 94V-0 flame retardant, corrosion resistant thermoplastic. Units resist denting, peeling, scratching and corrosion. Tool-less access provided for easy maintenance.

ILLUMINATION

Two fully adjustable, attractive lamp heads allow for maximum light to be delivered to the path of egress. Fixtures are supplied with high powered SMD 1 watt LED lamps providing 150 total lumens or 2 watt LED lamps providing 250 total lumens, in a pure white color temperature of 6000K. The LEDs have an estimated life over 50,000 hours with normal use. The performance optics provide up to 40 foot on center spacing.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz

Nickel Cadmium Battery (NiCad)

Nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0°C to 40°C (32°F to 104°F)

Nickel Metal Hydride Battery (NiMH) Standard with remote capability

Nickel metal hydride batteries are maintenance-free with a life expectancy of 15 years. NiMH batteries perform optimally in temperatures ranging from 0°C to 40°C (32°F to 104°F)

Emergency

The LED-51 and LED-52 will operate for a minimum of 90 minutes during a loss of power with a 48 hour maximum recharge time for the battery.

Remote Capable (Option: R2 - Available with LED-52 only)

The R2 option provides an additional 2 watts of remote capability. For use with RL52 remote lamp.

Solid-State Transfer

The unit features a solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

Test Button

Our test button is easy to locate and allows for manual verification of proper operation of the transfer circuit and emergency lamps.

INSTALLATION

A universal J-box mounting pattern and rear keyhole slots are provided for wall or ceiling mounting.

Guardian Self-Test/Self-Diagnostics (Option: G2 - Available with LED-52 only)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

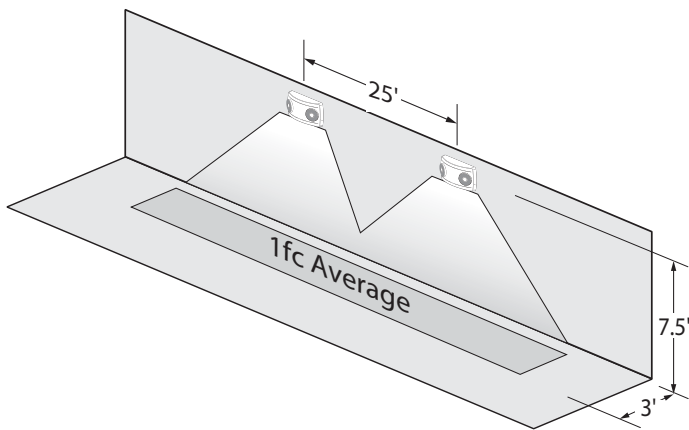
The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days and a 90 minute discharge and Self-test every 6 months.

CONFORMANCE TO CODES & STANDARDS

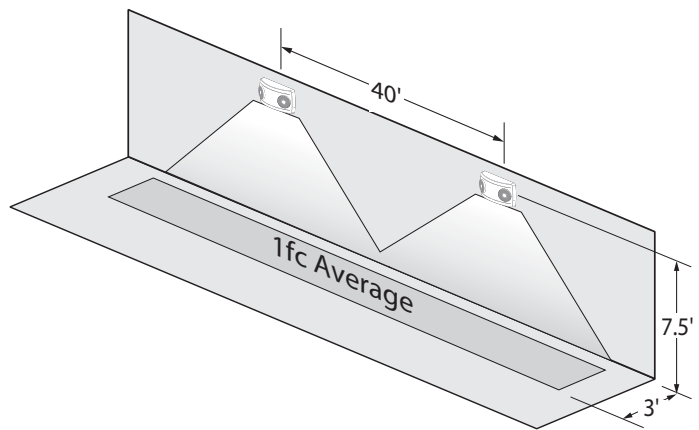
The LED-51 and LED-52 Series is UL listed and meets or exceeds the following: UL 924, cUL, NEC requirements and NFPA 101.

SAMPLE PHOTOMETRICS

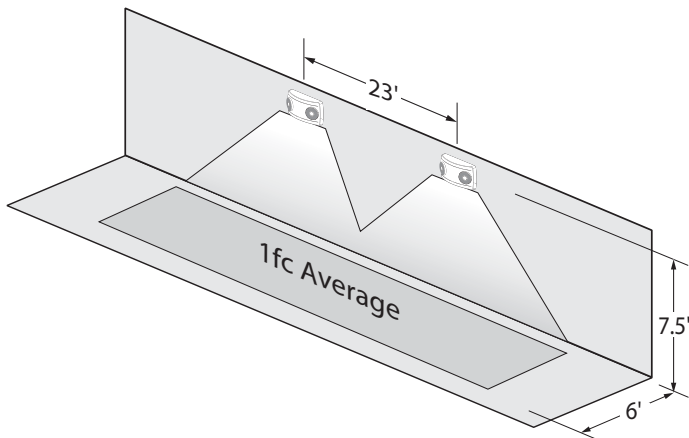
Using multiple LED-51 (1 watt) units mounted at a typical 7.5 foot height delivers 25 foot on center spacing with a 3 foot wide path of egress.



Using multiple LED-52 (2 watt) units mounted at a typical 7.5 foot height delivers 40 foot on center spacing with a 3 foot wide path of egress.



Using multiple LED-51 (1 watt) units mounted at a typical 7.5 foot height delivers 23 foot on center spacing with a 6 foot wide path of egress.



Using multiple LED-52 (2 watt) units mounted at a typical 7.5 foot height delivers 30 foot on center spacing with a 6 foot wide path of egress.

