



Ember E1150

LED Step Light, Snap Mount

PRODUCT HIGHLIGHTS

- 2.5 Watts
- 12/24V DC, 12V AC
- 0 to 100% Dimming
- Battery Backup Option
- IC Rated
- Asymmetric Light Distribution
- Stainless Steel Construction
- IP67

SPECIFICATIONS

SUITABLE ENVIRONMENTS



LED COLORS

- Cool White
- Warm White
- Blue
- Red
- Neutral White
- Green
- Cyan

BEZEL FINISHES

PVD Coated:

- Polished Chrome
- Polished Gold
- Brushed Nickel

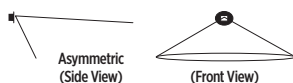
Powder Coated:

- White
- Off-White

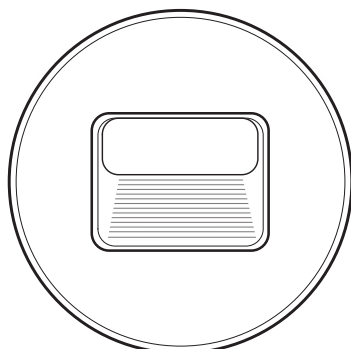
BEZEL SHAPES



BEAM ANGLES



CERTIFICATIONS



Actual Size Shown.

■ 0 TO 100% DIMMING WITH YOUR DIMMER

With the use of i2Systems LightLink technology, compatible dimming interfaces include most leading halogen/incandescent high voltage TRIAC style dimmers, 0 to 10V control, and similar controls. In addition, through the use of most Multiplex type systems, the E1150 may be dimmed directly without external controllers.

■ SMARTDRIVER INTEGRATED

i2Systems SmartDriver technology is integrated directly inside the fixture, allowing connection to 9-30V DC or 12V AC Transformers. One light may be used for both general lighting and on a battery-backup circuit.

■ SNAP-IN INSTALLATION

Simply bore a 1.25" diameter hole and snap the fixture into place. Fixture accommodates wall thicknesses ranging from .125" to .625". Screw-mount version also available.

■ RUGGED DESIGN & IP67

Stainless Steel bezel & springs, Anodized Aluminum heat sink housing, electronic regulation to the LED source, and fully potted IP67 design ensure product longevity.

■ ASYMMETRIC BEAM & WIDE LATERAL THROW

Asymmetric beam angle w/ washboard eliminates glare while wide lateral throw provides even illumination across step and path surfaces.

■ TITANIUM-COATED, STAINLESS STEEL TRIM

Round, square, oval and custom shapes available. Physical Vapor Deposition (PVD) coating provides a durable surface finish that will not tarnish or discolor.



*Refer to Specifications table on page 2 for additional information.

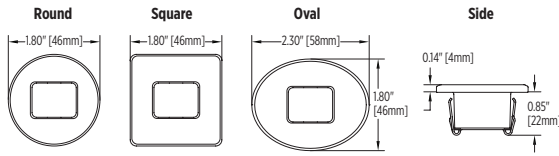
SPECIFICATIONS

ITEM	PARAMETER	VALUE
Electrical	Input Power	Typ 1.5 Watts, Max 2.5 Watts*
	Input Voltage Range	9-30V DC, 9-15V AC
	Integrated Driver	✓
	0-100% Dimming	✓
	Protection Features	Transient Protection, Reverse Polarity, Autoreset Fuse
Optical	Emitting Angle	Asymmetric
	LED Color	Cool White, Neutral White, Warm White, Green, Blue, Cyan, Red
	LED Colors per Fixture	1
	Class	Class 2 LED Product
	Dimensions	Refer to drawings on right
Physical	Housing Construction	Aluminum, Stainless Steel
	Lens Material	Polycarbonate
	Bezel Shapes	Round, Square, Oval
	Finishes	PVD Coated: Polished Chrome, Polished Gold, Brushed Nickel Powder Coated: White, Off-White
	Mounting Method	Snap Clips, Stainless Steel
	Operating Temp. Range	-20°C to 40°C, Max. Case Temp (T _C): 50°C
	Humidity	0 to 95%, non-condensing
	Environment	Dry, Damp, Wet** (IP67)
	Certification	cULus, FCC Part 15, Class A, RoHS Compliant

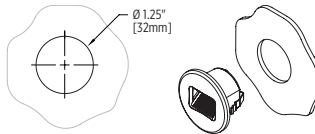
*Due to constant power design, input current (I_{in}) will vary depending on input voltage. Be sure to size wire awg accordingly for worst case input voltage.

**Product is rated for exterior applications, however it is not rated for submersible applications and should not be mounted in conditions where there is, or is a possibility of, standing water. When installing in wet or damp locations, it is good practice to seal all fixtures and junction boxes with electronics grade RTV silicone sealant to ensure that moisture cannot enter or accumulate in wiring compartments, cables, or other electrical parts. Product should not be installed in extreme locations, including but not limited to those outside of its temperature/humidity ratings and/or applications where product is subject to water runoff or downspouts.

DIMENSIONS



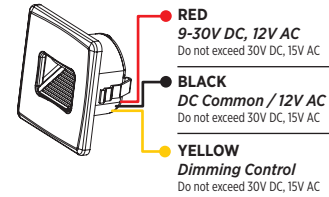
MOUNTING



Sealing Gasket Included.

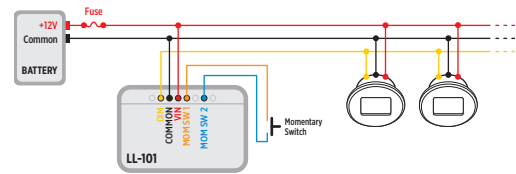
Screw Mount Version, Model E2250 Available.
Contact us for Details.

WIRE FUNCTION

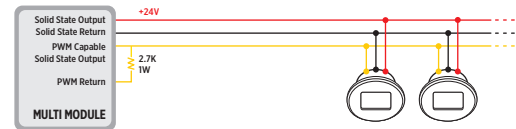


INSTALLATION EXAMPLES

Low Volt DC
EXAMPLE 1:
Momentary Switch Dimming
via LightLink LL-101.



Low Volt DC
EXAMPLE 2:
Multiplex Dimming
Integration (Typical).

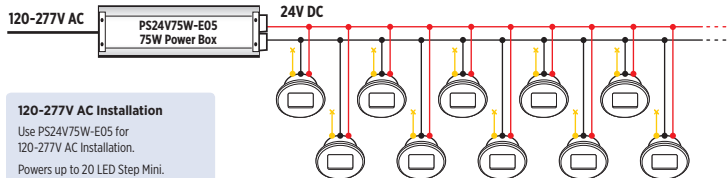


*Refer to your Multiplex system integrator and/or available application notes prior to wiring.

ACCESSORIES

KEYWORD	ITEM NUMBER	DESCRIPTION	FIXTURE MAX
Foam Gasket	530-00486	Closed cell foam gasket seals most uneven mounting surfaces.	
LightLink LL-101	LL-101 Series	Dimming Controller, Multiple Interfaces, including Momentary (MOM) Switch Interface.	Dims up to 20 Ember E1150
LightLink LL-105	LL-105 Series	Dimming Controller, Multiple Interfaces including 0 to 10V Control.	Dims up to 50 Ember E1150
LightLink LL-205	LL-205 Series	Dimming Controller, Multiple Interfaces including 0 to 10V Control.	Dims up to 50 Ember E1150
E05 Power Box, 75W	PS24V75W-E05	Power Box, 75W, 120/240/277V AC Input, 24V DC Output, Steel Enclosure.	Powers up to 20 Ember E1150
E09 Power Box, 45W	PS24V45W-E09	Power Box, 45W, 120/240V AC Input, 24V DC Output, Steel Enclosure.	Powers up to 15 Ember E1150

OEM Power Supplies and Battery Backup Available. Contact us.



ORDERING NUMBER

FACTORY NUMBER EXAMPLE: **E1150Z-12CAB**
USER SELECTED OPTION Polished Chrome Finish, Square Bezel, Warm White LED

E1150Z	-	*	*	*	XXX
Product Type		Bezel Finish	Bezel Shape	LED Color	Color Bin Code
		PVD Coated: 1 Polished Chrome 2 Polished Gold 4 Brushed Nickel	1 Round 2 Square 3 Oval	A Cool White B Neutral White C Warm White D Green E Blue G Cyan H Red	
		Powder Coated: 3 White 5 Off-White			