

# Round Mini LED Step Light with Open Faceplate

ELCO's Ibis Collection consists of diecast wet location mini LED Step Lights which are offered in 2W or 3W, 3000K or 4000K, 120V or 12V AC/DC in round or rectangle with an Angled Louver, Open Frame Lens or Scoop Faceplate in a sharp White, Black, Nickel or Copper powder coated finish.



## Features

- Single Piece Diecast aluminum faceplate.
- Powder Coated Faceplate.
- Integrated LED board and driver.
- Diffused lens behind faceplate.
- Wet Location listed for indoor or outdoor use.
- Mounts in a round junction box.
- 1 9/16" Depth
- Life span of 50,000 hours L70.
- Input Volt: 12V or 120V. (12V units work with 12V AC or 12V DC supply)
- Rated: IP67.

## Specifications

|                     |        |
|---------------------|--------|
| <b>Wattage</b>      | 3W     |
| <b>Voltage</b>      | 120V   |
| <b>Color Temp.</b>  | 4000K  |
| <b>Lamp Type</b>    | LED    |
| <b>CRI</b>          | 90+    |
| <b>Wet Location</b> | Listed |

## Options



## Technical Details

**Optics:** Frosted lens diffuses light and illuminates walkway.

**Construction:** Diecast Faceplate with smooth powder coat finish. LED board and driver integrated in housing. Security screws for mounting faceplate to box included.

**Installation:** Easily installs into a round junction box.

### Electrical:

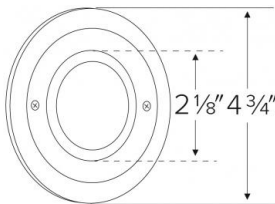
- Ambient operating temperature -23°F (-5°C) to 113°F (45°C).
- 120V ELST86: Driver input of 120V 50/60Hz connects directly to line voltage power.
- 12V ELST84: Input of 12V requires an external transformer. (12V units work with 12V AC or 12V DC supply)

### LED Technology:

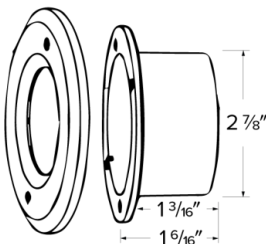
- 90+ CRI for extremely accurate color rendering.
- Lumen Maintenance of 50,000 hours L70 Life.
- LED Array.

**Listings:** cETLus listed for Wet Location.

## Dimensions



## Dimensions



Product Number

| Item       | Lamp type | CCT   | Watts | Voltage | Finish     |
|------------|-----------|-------|-------|---------|------------|
| ELST8640BZ | LED       | 4000K | 3W    | 120V    | All Bronze |

Product Number Builder    Example: ELST8430B

ELCO Mini LED Step Lights

Voltage

Color Temp.

Finish

ELST8

- 4 12V
- 6 120V

- 30 3000K
- 40 4000K

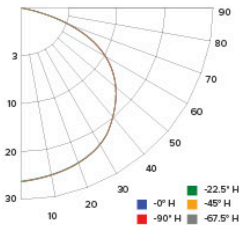
- W All White
- B All Black
- N Nickel
- CP Copper
- BZ All Bronze

# Photometric Report

## Round Mini LED Step Light with Open Faceplate

### PHOTOMETRIC REPORT

Product #: ELST8640  
Wattage / Lumens: 2.1W / 66 lm  
Luminaire LPW: 31.4 lm/W



### CANDLE POWER SUMMARY

| Degree Vertical | 0° |
|-----------------|----|
| 0               | 25 |
| 5               | 25 |
| 15              | 24 |
| 25              | 22 |
| 35              | 19 |
| 45              | 15 |
| 55              | 12 |
| 65              | 8  |
| 75              | 3  |
| 85              | 0  |
| 90              | 0  |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 1.59                    | 10.5'         |
| 6'                       | 0.71                    | 15.8'         |
| 8'                       | 0.40                    | 21.0'         |
| 10'                      | 0.25                    | 31.5'         |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 19.4   | 29.3       |
| 0-40° | 31.3   | 47.4       |
| 0-60° | 53.9   | 81.7       |
| 0-90° | 66.0   | 100        |