

# LED Brick Light with Angled Louver

ELCO's Trogon Collection consists of diecast wet location LED Brick Lights which are offered in 5.4W or 12W, 3000K, 120V with an Angled Louver, Open Frame Lens or Grill Faceplate in a sharp White, Black or Bronze powder coated finish.



## Features

- Diecast aluminum housing and faceplate.
- Integrated LED board and driver.
- Diffused glass lens behind louver.
- Wet Location listed for indoor or outdoor use.
- cUL Listed for poured concrete.
- cUL Listed for direct contact with insulation (type IC).
- Housing equipped with (2) side brackets and (2) ½" knockouts for easy wiring.
- Life span of 35,000 hours L70.

## Specifications

|                     |        |
|---------------------|--------|
| <b>Wattage</b>      | 5.4W   |
| <b>Lumens</b>       | 340 lm |
| <b>Voltage</b>      | 120V   |
| <b>Color Temp.</b>  | 3000K  |
| <b>Lamp Type</b>    | LED    |
| <b>CRI</b>          | 90+    |
| <b>Wet Location</b> | Listed |

## Options



White

Black

Bronze

## Technical Details

**Optics:** Louver face directs light downward to illuminate walkway with frosted glass lens to diffuse light.

**Construction:** Diecast Faceplate with smooth powder coat finish. LED board and driver integrated in housing. Tamper-proof screws for mounting faceplate to box. Heavy duty aluminum housing.

**Installation:** Suitable for poured concrete and other wall and brick installation types. Housing equipped with two side brackets.

### Electrical:

- Housing with 1/2" conduit knockout on each side suitable for thru-wiring.
- Ambient operating temperature -23°F (-5°C) to 113°F (45°C).
- Driver input of 120V 50/60Hz connects directly to line voltage power.

### LED Technology:

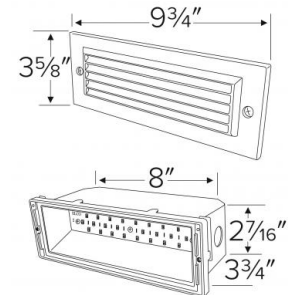
- 90+ CRI for extremely accurate color rendering.
- Lumen Maintenance of 35,000 hours L70 Life.
- LED Array.

**Listings:** cUL and cULus Listed for Wet Location.

IC rated for direct contact with insulation.

Listed for Poured Concrete.

## Dimensions



## Product Number

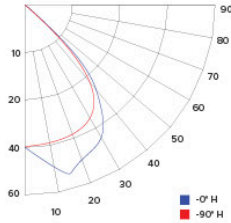
| Item    | Lamp type | Lumens | CCT   | Watts | Voltage | Finish    |
|---------|-----------|--------|-------|-------|---------|-----------|
| ELST81W | LED       | 340 lm | 3000K | 5.4W  | 120V    | All White |

# Photometric Report

## LED Brick Light

### PHOTOMETRIC REPORT

Product #: ELST81  
 Wattage / Lumens: 5.03W / 26 lm  
 Luminaire LPW: 5.16 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0° |
|------------------|----|
| 0                | 39 |
| 5                | 46 |
| 15               | 55 |
| 25               | 51 |
| 35               | 37 |
| 45               | 21 |
| 55               | 11 |
| 65               | 5  |
| 75               | 2  |
| 85               | 1  |
| 90               | 1  |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 3.38                    | 3.3'          |
| 6'                       | 1.18                    | 4.9'          |
| 8'                       | 0.61                    | 6.7'          |
| 10'                      | 0.41                    | 8.3'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 25.8   | 39.3       |
| 0-40° | 39.0   | 59.4       |
| 0-60° | 56.6   | 86.4       |
| 0-90° | 63.2   | 96.5       |