# Echo Effect - In-Ground Plane Wash

EEG11955 12.50 in

SPI LIGHTING

PROJECT DETAILS

JOB NAME:

TYPE:

NOTES:

## DESCRIPTION

The Echo Effect is a fully recessed exterior in-ground (and poured concrete) luminaire. The plane wash half-frosted (PW) optic is designed for maximum main beam power and incredible lateral distribution. It uses premium materials to direct the light evenly onto the wall, with the ability to light extreme heights while using maximum spacing between luminaires. The low profile and minimum glare makes this luminaire ideal for wall wash or ground mounted sign applications. Built to last, this IP67 rated luminaire features a stainless steel faceplate and external fasteners as well as tempered glass. Echo Effect is also walk-over and drive-over rated. Available in nominal lengths of 12", 18", and 24".



IP67 EMR WET

FEATURES & BENEFITS

- Optically engineered, precision LED optics control light distribution and direct light where it is needed
- Premium 95% reflective aluminum is utilized in the highly-efficient and effective reflector design
- Drive over tested to withstand toque and shear loading per IEC60598-2-13
- Drive over tested to withstand a static load in excess of 2750 lbs. (1250 kg) per IEC60598-2-13
- All visible fasteners are flush mounted, providing a clean design
- Stainless steel external fasteners will not rust or corrode
- Recessed housing has anodized finish providing optimal thermal effectiveness and durable corrosion protection
- Handcrafted in USA

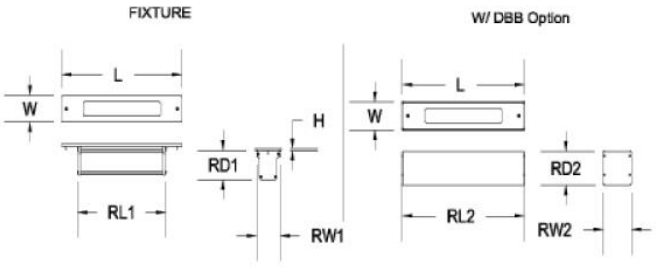
SPECIFICATIONS

- **LIGHT SOURCE:** White LED light engine
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **CCT**: 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Integral Class 2 power supply standard
- **DIMMING:** This product is non-dimmable, contact factory to discuss options.

- **CONTROLS:** Contact factory for control options (e.g., Lutron Athena, Current NX, nLight, Enlighted, Encelium, Wattstopper, WaveLinx, or Casambi)
- **EMERGENCY:** Remote battery option is provided with 10W Constant Power Battery back-up, providing 90 Minutes of Emergency operation. Contact factory for other Emergency options.
- **CONSTRUCTION:** Tempered glass lens protects fixture lamp engine. Aluminum construction provides durable protection for internal components and is recyclable.
- **FINISH:** Choose from 26 standard thermoset polyester powder coat paint colors or brushed stainless steel. RAL®, Pantone®, or custom finishes available upon request.
- **MOUNTING:** Capable of 1/2 IP conduit connection.
- **APPROVALS:** ETL listed to UL standards (US and Canada) for recessed ground mounting and use in wet locations. ETL listed to UL standards (US and Canada) for poured concrete applications and use in wet locations. IP67 rated fixture per International Electrotechnical Commission (IEC) certifies fixture as dust-tight and protected against temporary immersion.

**ATTENTION!! CORD MUST RUN UNINTERRUPTED FROM THE FIXTURE TO A LIQUID TIGHT SPLICE ENCLOSURE (BY OTHERS). DO NOT CUT CORD AND MAKE SPLICE IN RECESSED BOX BEHIND FIXTURE. THIS BOX IS NOT LIQUID TIGHT. MAKING THE CONNECTION THERE WILL CAUSE THE PRODUCT TO FAIL AND VOID ITS WARRANTY.**

## DIMENSIONS




| W | H | L | RD1 | RD2 | RL1 | RL2 |
|---|---|---|---|---|---|---|
| 3.5 in<br>8.9 cm | 0.2 in<br>0.5 cm | 12.5 in<br>31.8 cm | 3 in<br>7.6 cm | 3.5 in<br>8.9 cm | 9.2 in<br>23.4 cm | 12.5 in<br>31.8 cm |

| RW1 | RW2 |
|---|---|
| 2.4 in<br>6.1 cm | 3 in<br>7.6 cm |

**Mounting Weight**
Consult Factory.

## CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/EEG11955. Not all options are available in all configurations; consult factory for details.

**Required Field ***

| Catalog | Light Source* | Primary Finish* | Voltage* | Lamp Options* | CRI* | Emergency | Mounting Box* | Optical Distribution* |
|---|---|---|---|---|---|---|---|---|
| EEG11955 | | | | | | | | |
| | A | | B | C | D | E | F | G |

## A - LIGHT SOURCE *

To ensure color consistency, SPI uses precise bin selection and strict quality processes to maintain a 3-step (MacAdam) SDCM on all white LED lampings. Published LED luminaire wattages are calculated using a typical power supply efficiency of 88%; exact wattages may vary based on application. Delivered lumens shown below are for Plane Wash distribution.

☐ **L8W** | White 8W LED Light Engine| Delivered Lumens: 334

See last page for finish options

## B - VOLTAGE *

☐ **120-277V** | Universal Voltage

## C - LAMP OPTIONS *

Delivered lumens shown are at 4000K CCT; apply multiplier for delivered lumens at other CCT.

☐ **2700K** | 2700K CCT
☐ **3000K** | 3000K CCT
☐ **3500K** | 3500K CCT
☐ **4000K** | 4000K CCT
☐ **5000K** | 5000K CCT

| | 80 CRI | 90 CRI |
|---|---|---|
| 2700K | 1.00 | 0.84 |
| 3000K | 1.00 | 0.84 |
| 3500K | 1.00 | 0.84 |
| 4000K | 1.00 | 0.84 |
| 5000K | 1.00 | 0.84 |

## D - CRI *

☐ **DF_80** | (default)
☐ **90**

## E - EMERGENCY

10W, Constant Power Battery Back-up, with 90 minutes of emergency operation. EMR-Damp includes damp location enclosure for Battery back-up. EMR-W/L includes a wet location enclosure for battery back-up.

- ☐ **EMR-DAMP** | Emergency Battery Remote - Damp Location
- ☐ **EMR-W/L** | Emergency Battery Remote - Wet Location

## F - MOUNTING BOX *

If requested, back boxes can ship ahead of fixtures.

- ☐ **DBB** [1] | Deep Burial Box, 4' Lead Length
- ☐ **SBB04** [2] | Shallow Burial Box, 4' Lead Length
- ☐ **SBB15** [2] | Shallow Burial Box, 15' Lead Length
- ☐ **SBB50** [2] | Shallow Burial Box, 50' Lead Length

[1] RD3 = 5.3"

[2] RD2 = 3.5"

## G - OPTICAL DISTRIBUTION *

See IES zip file for photometrics and polar plot for each distribution.

- ☐ **DF_PW** | Plane Wash Half Frosted (default)
- ☐ **SME** [3] | Symmetric

[3] Delivered lumens are 70% of Plane Wash output shown above

## Standard Finishes

The colors shown are representative. Their actual appearance may vary due to differences in display settings. You can request color chips by emailing contact@spilighting.com. Please note, finishes may not be available in all configurations.

### Paint Colors

| | | | | |
|---|---|---|---|---|
| **PT01** RAL9003 Signal White (Gloss) | **PT51** Matte White (Textured) | **PT02** White (Textured) | **PT04** RAL9001 Cream (Textured) | **PT67** RAL7044 Silk Grey (Textured) |
| **PT53** RAL7035 Light Grey (Textured) | **PT54** RAL7037 Dusty Grey (Textured) | **PT55** RAL7012 Basalt Grey (Textured) | **PT56** RAL7016 Anthracite Grey (Textured) | **PT11** Black (Textured) |
| **PT57** RAL1015 Light Ivory (Textured) | **PT58** RAL8004 Copper Brown (Textured) | **PT59** RAL6021 Pale Green (Textured) | **PT60** RAL1019 Grey Beige (Textured) | **PT61** RAL7006 Beige Grey (Textured) |
| **PT62** RAL1003 Signal Yellow (Textured) | **PT63** RAL3001 Signal Red (Textured) | **PT64** RAL6001 Emerald Green (Textured) | **PT65** RAL5005 Signal Blue (Textured) | **PT66** RAL5003 Sapphire Blue (Textured) |

### Brushed Stainless

| |
|---|
| **BSS** Brushed Stainless Steel |

### Metallic Paint Colors

| | | | | |
|---|---|---|---|---|
| **PT22** Platinum (Metallic Gloss) | **PT48** Brass (Metallic Textured) | **PT28** Dark Stainless (Metallic Gloss) | **PT49** Bronze (Metallic Textured) | **PT32** Dark Bronze (Metallic Gloss) |
| **PT46** Aluminum (Metallic Textured) | | | | |

## Specialty Finishes



More RAL®, Pantone®, and custom finishes are available upon request. Setup fee and additional lead time applies.Call factory for details.