Echo Effect - Ceiling Plane Wash

EEC11949 24.00 in

SPI LIGHTING

PROJECT DETAILS

JOB NAME:

TYPE:

NOTES:

DESCRIPTION

The Echo Effect is a fully recessed exterior ceiling 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 down the wall and minimize glare from behind the luminaire. Built to last, this IP67 rated luminaire features an aluminum or stainless steel faceplate, stainless steel external fasteners, and tempered glass. Available in nominal lengths of 12", 18", and 24".

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
- 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, BABA Compliant

SPECIFICATIONS

- **LIGHT SOURCE:** White LED light engine
- **CRI:** 90+HE
- **LUMEN MAINTENANCE:** L90 = >102,000 Hrs.
- **CCT**: 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Integral Class 2 power supply standard
- **AMBIENT OPERATING TEMP RANGE:** -35°C (-31°F) to +37°C (99°F)
- **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

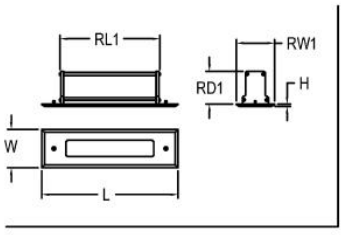
Constant Power Battery back-up, providing 90 Minutes of Emergency operation. Contact factory for other Emergency options.

- **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 various metal finishes. 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 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.

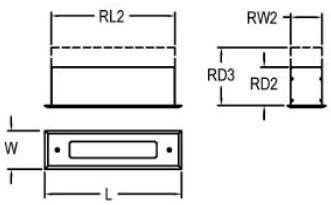
ATTENTION!! CORD MUST RUN UNINTERRUPTED FROM THE FIXTURE TO A LIQUID TIGHT SPLICE ENCLOSURE (BY OTHERS). DO NOT CUT CORD AND MAKE SPLICE IN RECESSED BOX BEHIND FIXTURE. THIS BOX IS NOT LIQUID TIGHT. MAKING THE CONNECTION THERE WILL CAUSE THE PRODUCT TO FAIL AND VOID ITS WARRANTY.

DIMENSIONS

SME or PW Optical



With SMB/RMB Option



Standard LV5 Optical

W	H	L	RD1	RD2	RD3	RL1
3.5 in 8.9 cm	0.2 in 0.5 cm	24 in 61 cm	3 in 7.6 cm	3.5 in 8.9 cm	5.3 in 13.5 cm	20.7 in 52.6 cm

RL2	RW1	RW2
22.8 in 57.9 cm	2.4 in 6.1 cm	3 in 7.6 cm

Mounting Weight
Consult Factory.

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/EEC11949. 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*
EEC11949								
	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. Alternate wattages available upon request.

- ☐ **L16W** | White 16W LED Light Engine | Delivered Lumens: 669
- ☐ **L21W** | White 21W LED Light Engine | Delivered Lumens: 878
- ☐ **Cust_Out** |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 669 - Max 878

W Min 16.0 - Max 21.0

See last page for finish options

*For requests outside Min-Max range, please contact factory.

B - VOLTAGE *

- ☐ 120-277V | Universal Voltage

C - LAMP OPTIONS *

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

D - CRI

- ☐ 90+HE | 90+ High Efficacy

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.

- ☐ RMB [1] | Recessed Mount Box, 3' Lead Length
- ☐ SMB04 [2] | Shallow Mounting Box, 4' Lead Length
- ☐ SMB15 [2] | Shallow Mounting Box, 15' Lead Length
- ☐ SMB50 [2] | Shallow Mounting 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
- ☐ LV5 [4] | Cut-Off Shield

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

[4] Delivered lumens are 57% 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)				

Brushed Aluminum

BAL Brushed Aluminum

Specialty Finishes

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