INACTIVE SPEC SHEET

Echo Reflections 9.0 LED

EEW12086 13.00 in

SPI LIGHTING

PROJECT DETAILS

JOB NAME:

TYPE:

NOTES:

DESCRIPTION

Whether you want to deliver low-glare indirect illumination, accentuate the verticality of the space, or directly light the exterior of a building, Echo Reflections 9.0 is the solution. This powerful luminaire offers field adjustability and, unlike similar products, adjustable light engines that leave the fixture static. This ensures its appearance is always uniform, even when distributions are different for performance or obstructions. The sleek wedge design seamlessly blends into architecture. Available in 6,000, 12,000, and 24,000 lumen packages. For a complimentary lighting layout, contact our applications team at SPIteam@spilighting.com.

WET

FEATURES & BENEFITS

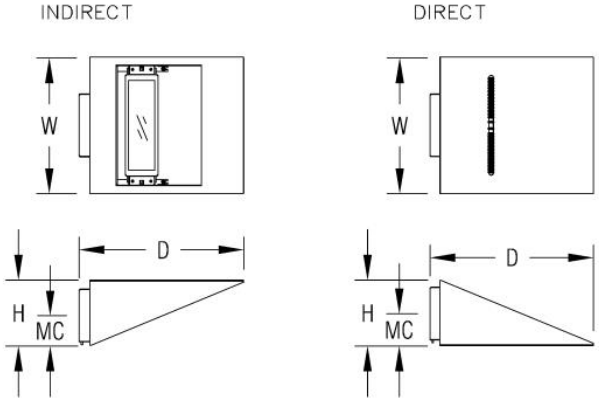
- Increase visual comfort, eliminate source brightness, and improve light uniformity with indirect lighting
- Field adjustable distribution ratchets to five positions: 35°, 17.5°, 0°, -17.5°, -35° while maintaining a static housing (ships from factory at 35° tilt)
- Wet listed for interior or exterior applications
- Natatorium-rated: rustproof aluminum housing, minimum 2 mils powder coat paint finish (except BAL finish), corrosion-resistant fasteners, IP68 light engine, fully potted power supply
- Watertight power supply box
- Optional direct orientation available
- Solves a wide variety of lighting challenges in one package
- Standard top lens corrects color-over-angle discoloration, delivering a clean white beam suitable for highly-finished ceilings and walls
- Indirect orientation has no visible fasteners within view
- Handcrafted in USA

SPECIFICATIONS

- **LIGHT SOURCE:** IP68 rated White LED light engine
- **CRI:** 80+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **EFFICACY:** Up to 90 lm/W delivered
- **CCT**: 3500K or 4000K

- **VOLTAGE:** 120-277V standard
- **DRIVER:** Fully potted integral Class 1 power supply standard
- **MAX AMBIENT OPERATING TEMP:** Indirect = 50°C (122°F); Direct = 47°C (117°F)
- **DIMMING:** 0-10V controls standard to 10% on LED light engines
- **CONTROLS:** Contact factory for control options (e.g., Lutron Athena, Current NX, nLight, Enlighted, Encelium, Wattstopper, WaveLinx, or Casambi).
- **INTEGRATED SURGE PROTECTION:** LED components are protected against minor surge events
- **CONSTRUCTION:** Aluminum construction; precision injection molded optics
- **FINISH:** Choose from 26 standard thermoset polyester powder coat paint colors or brushed aluminum finish. RAL®, Pantone®, or custom finishes available upon request.
- **MOUNTING:** Mounts to a standard 4" octagonal junction box
- **MODIFICATIONS:** Consult factory for all modification requests
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in wet locations; suitable for interior or exterior use

DIMENSIONS



W	H	D	MC
13 in 33 cm	6.2 in 15.7 cm	15.6 in 39.6 cm	3 in 7.6 cm

Mounting Weight
Approximate: 10 lb (5 kg)

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/EEW12086. Not all options are available in all configurations; consult factory for details.

Required Field *

Catalog	Light Source*	Primary Finish*	Voltage*	Lamp Options*	Accessories	Orientation*	Options
EEW12086							
	A		B	C	D	E	F

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.

☐ **L63W** | White 63W LED Light Engine

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.

☐ **3500K** [1] | 3500K CCT
☐ **4000K** | 4000K CCT

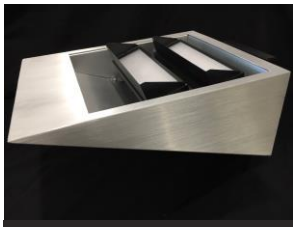
[1] Apply .91 multiplier for delivered lumens

D - ACCESSORIES

Shield the source from view at certain angles, absorb or block unwanted light, or reflect and redirect light with optional cut-off shields and louvers. Cut-off shield (CS) and louver (LV) options cannot be used together.

☐ **CS** [2] | Cut-Off Shield
☐ **LV** [3] | Louver

[2] Apply .85 multiplier for delivered lumens
[3] Apply .55 multiplier for delivered lumens


CS

LV

E - ORIENTATION *

Available in an optional direct orientation for lighting corridors, walkways, or anywhere else direct illumination is needed.

☐ **DF_IND** | Indirect Orientation (default)
☐ **DIR** [4] | Direct Orientation

[4] Direct orientation includes thermal vents

DIR

F - OPTIONS

Where color-over-angle isn't a priority, such as when reflecting off of wood surfaces, you can choose a High Output option to increase efficacy to more than 100 lumens per watt delivered.

- ☐ **F** | Fusing
- ☐ **HO** [5] | High Output

[5] Apply 1.09 multiplier for delivered lumens. Excludes color-over-angle correction lens

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)	**PT11** Black (Textured)

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.