Echo Shapes 9.0 Multiples

EIP12299 37.50 in

SPI LIGHTING
PROJECT DETAILS

JOB NAME:
TYPE:
NOTES:

DESCRIPTION

Illuminate larger spaces more comfortably with indirect lighting. This versatile multi-head pendant combines the power of multiple fixtures into one high-performance luminaire. It features 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 clean, contemporary design looks great in open offices, industrial facilities, and sports applications. Available in 24,000, 36,000, and 48,000 lumen packages. For a complimentary lighting layout, contact our applications team at SPIteam@spilighting.com.

MADE IN USA BABA COMPLIANT EMR NAT

FEATURES & BENEFITS

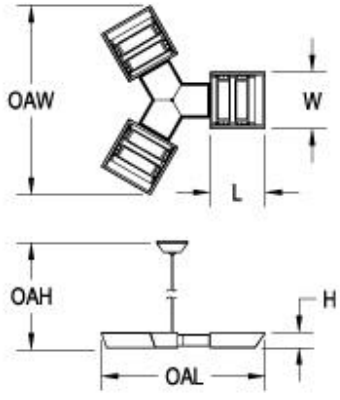
- Increase visual comfort, reduce glare and improve light uniformity with indirect lighting
- Field adjustable distribution ratchets to five positions: 35°, 17.5°, 0°, -17.5°, -35° while maintaining a static housing (ships from factory at 35° tilt)
- Solves a wide variety of lighting challenges in one package
- Standard top lens corrects color-over-angle discoloration, delivering a clean white beam suitable for highly-finished ceilings and walls
- Clean design features hidden heat sinks and no visible fasteners within view
- Robust construction with natatorium option: rustproof aluminum housing, minimum 2 mils powder coat paint finish (except BAL finish), corrosion-resistant fasteners, gasketed and fully sealed LED modules, fully potted power supply
- Handcrafted in USA, BABA Compliant

SPECIFICATIONS

- **LIGHT SOURCE:** White LED light engine
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **EFFICACY:** Up to 130 lm/W delivered
- **CCT**: 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Fully potted integral Class 2 power supply standard

- **MAX AMBIENT OPERATING TEMP:** Indirect = 46°C (114°F)
- **DIMMING:** 0-10V controls standard to 1% on LED light engines
- **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.
- **INTEGRATED SURGE PROTECTION:** LED components are protected against minor surge events
- **CONSTRUCTION:** Aluminum construction; precision injection molded optics
- **FINISH:** Housing and mounting components finished to match. To specify separately, contact factory. Choose from 26 standard thermoset polyester powder coat paint colors or brushed aluminum finish. RAL®, Pantone®, or custom finishes available upon request.
- **MOUNTING:** Mounts over standard 4" octagonal junction box with auxiliary mounting holes. Standard 45 degree swivel canopy.
- **MODIFICATIONS:** Consult factory for all modification requests
- **APPROVALS:** ETL listed to UL standards (US and Canada) for use in damp locations; not recommended for exterior applications

DIMENSIONS



W	H	OAH	L	OAL	OAW
13 in 33 cm	3.5 in 8.9 cm	48 in 121.9 cm	12.7 in 32.3 cm	37.5 in 95.2 cm	43.2 in 109.7 cm

Mounting Weight
Approximate: 40 lb (19 kg)

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/EIP12299. Not all options are available in all configurations; consult factory for details.

Required Field *

Catalog	Light Source*	Primary Finish*	Voltage*	Lamp Options*	CRI*	Emergency	Accessories	Options	Other Than Standard Options
EIP12299									
	A		B	C	D	E	F	G	H

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. Alternative wattages available upon request.

☐ **(3) 92W** | White 276W LED Light Engine | Delivered Lumens: 35,880

☐ **Cust_Out** |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 17940 - Max 35880

W Min 138.0 - Max 276.0

See last page for finish options

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

B - VOLTAGE *

☐ 120-277V | Universal Voltage

C - LAMP OPTIONS *

Apply multiplier from chart for delivered lumens at other CCT's and CRI's.

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

	80 CRI	90 CRI
2700K	n/a	0.67
3000K	0.93	0.74
3500K	0.93	0.74
4000K	1.00	0.74
5000K	1.00	n/a

D - CRI *

- ☐ DF_80 [1] | (default)
- ☐ 90 [2]

[1] Not available in 2700K

[2] Not available in 5000K

E - EMERGENCY

10W, Constant Power Battery Back-up, with 90 minutes of emergency operation. EMR includes damp location enclosure for Battery back-up.

- ☐ EMR | Emergency Battery Remote

F - 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 [3] | Cut-Off Shield
- ☐ LV [4] | Louver

[3] Apply .85 multiplier for delivered lumens

[4] Apply .55 multiplier for delivered lumens

CS

LV

G - OPTIONS

When the NAT option is selected, you can feel confident that the luminaire specified is designed with high-quality materials that will withstand the corrosive environment of indoor pools. Electrical components are protected from moisture and the fixture has been tested to operate in warm ambient temperatures.

- ☐ NAT | Natatorium Construction
- ☐ F | Fusing

H - OTHER THAN STANDARD OPTIONS

Specify overall height required from ceiling to the bottom of the fixture.

OAH | Pendant suspension length other than standard Length:

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)

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.