Spheres

AIP12042 18.00 in

SPI LIGHTING

PROJECT DETAILS

JOB NAME:

TYPE:

NOTES:

DESCRIPTION

Designed with the timeless appeal of elementary geometry, Spheres is a modern revival of a classic form that symbolizes completeness, unity, and balance. Every point on its surface is equidistant from its center. Available in 18", 24", and 30" diameters.





FEATURES & BENEFITS

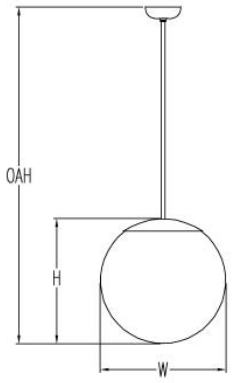
- White matte acrylic diffuser enhances a space with filtered, uniform illumination
- The double semi-sphere diffuser is joined together and then finished with an opal matte treatment to create a unified look to the globe
- The light engine is located at the center of the sphere, rather than the top, for the most even illumination
- Standard overall height of 48" allows designs to incorporate multiple sizes while maintaining a clearly defined lighting plane or vary OAH as desired
- Different sizes and mounting heights can be used to create visual arrays and three-dimensional collages
- All visible fasteners are flush mounted, providing a clean design
- Available in high and low wattages; both options are great for providing usable light while minimizing power consumption
- Handcrafted in USA

SPECIFICATIONS

- **LIGHT SOURCE:** Static white, tunable white, or RGBW LED light engine
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L80 = >60,000 Hrs.
- **EFFICACY:** Up to 83 lm/W delivered
- **CCT**: 2700K, 3000K, 3500K, 4000K or 5000K (static white); 2700K-6500K (tunable white); 3000K (RGBW)
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Integral Class 2 power supply standard for white light engines. RGBW has a remote DMX driver; max distance to the driver is 15' (includes OAH).

- **DIMMING:** 0-10V controls standard to 1% on static white light engines. DALI-2 (DT8) standard for tunable white. DMX standard for RGBW. Other dimming options are available; contact factory.
- **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
- **DIFFUSER:** UV-stabilized acrylic
- **CONSTRUCTION:** Aluminum housing
- **FINISH:** Housing and mounting components finished to match. To specify separately, contact factory. Choose from 26 standard thermoset polyester powder coat paint colors. RAL®, Pantone®, or custom finishes available upon request.
- **MODIFICATIONS:** Consult factory for all modification requests, including different sizes
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in damp locations; not recommended for exterior applications

DIMENSIONS



W	H	OAH
18 in 45.7 cm	18 in 45.7 cm	48 in 121.9 cm

Mounting Weight
Approximate: 15 lb (7 kg)

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/AIP12042. Not all options are available in all configurations; consult factory for details.

Required Field *

Catalog	Light Source*	Primary Finish*	Voltage*	Lamp Options*	CRI*	Mounting*	Emergency	Other Than Standard Options
AIP12042								
	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. White light engines are available in alternative wattages upon request.

- ☐ **L22W** | Static White 22W LED Light Engine | Delivered Lumens: 1,796
- ☐ **L22W-T** | Tunable White 22W LED Light Engine | Delivered Lumens: 1,796
- ☐ **L43W** | Static White 43W LED Light Engine | Delivered Lumens: 3,593
- ☐ **L43W-T** | Tunable White 43W LED Light Engine | Delivered Lumens: 3,593
- ☐ **L43W-C** [1] | RGBW 43W LED Light Engine | Delivered Lumens: 988

See last page for finish options

[1] RGBW delivered lumens shown are for white only at 3000K

B - VOLTAGE *

- ☐ **120-277V** | Universal Voltage

C - LAMP OPTIONS *

Apply multiplier from chart for delivered lumens at other CCT's and CRI's. Tunable White delivered lumens vary +/-5% from the values shown depending on the color temperature selected.

- ☐ **2700K** | 2700K CCT
- ☐ **3000K** | Static White 3000K CCT
- ☐ **3500K** | Static White 3500K CCT
- ☐ **4000K** | Static White 4000K CCT
- ☐ **5000K** | 5000K CCT
- ☐ **TUN** | Tunable White 2700K-6500K CCT (This is the only choice when a tunable white light source is selected in Section A)
- ☐ **RGBW** [2] | RGBW 3000K CCT (This is the only choice when an RGBW light source is selected in Section A)

	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**

[2] Use DMX/DALI programming for alternate color temps; see programming guide

E - MOUNTING *

Mounts to standard 4" octagonal junction box. Canopy is 5.5” diameter with a 45 degree swivel. Aircraft cable mount features a white power cord. Field adjustable aircraft cable allows the fixture to be mounted at an application appropriate height (up to OAH). Choose a mounting from below:

- ☐ **DF_STM |** Stem Mount (default)
- ☐ **AC |** Aircraft Cable & Power Cord Mount

F - EMERGENCY

- ☐ **EMR |** Emergency Battery Remote

G - OTHER THAN STANDARD OPTIONS

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

OAH | Pendant suspension length other than standard Length:

For Tunable White or RGBW, see Driver section for any exceptions.

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)				

Specialty Finishes



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