

# Pavo Square 4"

SIP12253 4.00 in

**SPI**LIGHTING

PROJECT DETAILS

JOB NAME:

TYPE:

NOTES:

## DESCRIPTION

Impeccably illuminated from top to bottom, Pavo Square is the crisp, clean luminous form you've been looking for. The rectangular pendant is center-lit with a four-sided light engine that runs the entire length of the lens. Handcrafted with exceptional attention to detail, the diffuser has mitered corners that give the luminaire its distinctive edge. Specify it with the ambient component only or add a performance downlight for full lighting. Pavo Square is available with a 4" or 6" wide diffuser in lengths from 1' to 8'.

## FEATURES & BENEFITS

- Integrated LED luminaire design features a sophisticated passive cooling system with integrated heat sink
- Crisp, mitered corners look sharp and are well-lit
- Meticulously designed ends have no visible shadowing
- 1100lm integral regressed downlight available with beam spread of spot (19°), narrow (35°), and medium (45°)
- Ambient and downlight components are separately controlled
- Available in either stem or power cord suspension with driver located in canopy; remote driver option available for minimal canopy profile
- Contact the factory for multi-unit arrays on a single canopy
- Handcrafted in USA, BABA Compliant

## SPECIFICATIONS

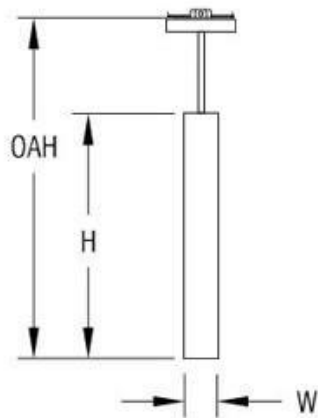
- **LIGHT SOURCE:** White LED light engine
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **EFFICACY:** Up to 83 lm/W delivered
- **CCT:** 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Choose from Class 2 power supply integrated in canopy or remote. Max distance to the driver (including OAH) is: #18 AWG = 50', #16 AWG = 75', #14 AWG = 100'. For extended distances, contact factory.
- **DIMMING:** 1% minimum dim level standard
- **CONTROLS:** 0-10V standard. Lutron Athena, Current NX, and



nLight AIR optional. Contact factory for other controls (e.g., 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:** White matte acrylic diffuser standard
- **CONSTRUCTION:** Aluminum
- **FINISH:** End plates and mounting components finished to match. To specify separately, contact factory. Choose from 26 standard thermoset polyester powder coat paint colors. Brushed aluminum available on decorative accents only. RAL®, Pantone®, or custom finishes available upon request.
- **MODIFICATIONS:** Consult factory for all modification requests, including other sizes
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in damp locations; not recommended for exterior applications

DIMENSIONS



|     |          |          |            |
|-----|----------|----------|------------|
| 1FT | <b>W</b> | <b>H</b> | <b>OAH</b> |
|     | 4 in     | 12 in    | 66 in      |
|     | 10.2 cm  | 30.5 cm  | 167.6 cm   |

Mounting Weight:Approximate: 10 lb (5 kg)

|     |          |          |            |
|-----|----------|----------|------------|
| 2FT | <b>W</b> | <b>H</b> | <b>OAH</b> |
|     | 4 in     | 24 in    | 74 in      |
|     | 10.2 cm  | 61 cm    | 188 cm     |

Mounting Weight:Approximate: 10 lb (5 kg)

|     |          |          |            |
|-----|----------|----------|------------|
| 3FT | <b>W</b> | <b>H</b> | <b>OAH</b> |
|     | 4 in     | 36 in    | 85 in      |
|     | 10.2 cm  | 91.4 cm  | 215.9 cm   |

Mounting Weight:Approximate: 15 lb (7 kg)

|     |          |          |            |
|-----|----------|----------|------------|
| 4FT | <b>W</b> | <b>H</b> | <b>OAH</b> |
|     | 4 in     | 48 in    | 97 in      |
|     | 10.2 cm  | 121.9 cm | 246.4 cm   |

Mounting Weight:Approximate: 15 lb (7 kg)

|     |          |          |            |
|-----|----------|----------|------------|
| 6FT | <b>W</b> | <b>H</b> | <b>OAH</b> |
|     | 4 in     | 72 in    | 121 in     |
|     | 10.2 cm  | 182.9 cm | 307.3 cm   |

Mounting Weight:Approximate: 20 lb (10 kg)

|     |          |          |            |
|-----|----------|----------|------------|
| 8FT | <b>W</b> | <b>H</b> | <b>OAH</b> |
|     | 4 in     | 96 in    | 145 in     |
|     | 10.2 cm  | 243.8 cm | 368.3 cm   |

Mounting Weight:Approximate: 25 lb (12 kg)

CONFIGURATOR

To configure your spec sheet online, go to [www.spilighting.com/SIP12253](http://www.spilighting.com/SIP12253). Not all options are available in all configurations; consult factory for details.

Required Field \*

|          |               |                 |          |               |      |           |                      |          |           |           |                             |
|----------|---------------|-----------------|----------|---------------|------|-----------|----------------------|----------|-----------|-----------|-----------------------------|
| Catalog  | Light Source* | Primary Finish* | Voltage* | Lamp Options* | CRI* | Controls* | Light Source Option* | Diffuser | Mounting* | Emergency | Other Than Standard Options |
| SIP12253 |               |                 |          |               |      |           |                      |          |           |           |                             |
|          | A             |                 | B        | C             | D    | E         | F                    | G        | H         | I         | J                           |

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.

1 FOOT NOMINAL FIXTURE

☐ 1FT-L8W | White 8W LED Light Engine | Delivered Lumens: 668

2 FOOT NOMINAL FIXTURE

☐ 2FT-L8W | White 8W LED Light Engine | Delivered Lumens: 668

☐ 2FT-L16W | White 16W LED Light Engine | Delivered Lumens: 1,336

☐ Cust\_Out\_2FT |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 668 - Max 1336

W Min 8.0 - Max 16.0

3 FOOT NOMINAL FIXTURE

☐ 3FT-L12W | White 12W LED Light Engine | Delivered Lumens: 1,002

☐ 3FT-L24W | White 24W LED Light Engine | Delivered Lumens: 2,004

☐ Cust\_Out\_3FT |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 1002 - Max 2004

W Min 12.0 - Max 24.0

4 FOOT NOMINAL FIXTURE

☐ 4FT-L16W | White 16W LED Light Engine | Delivered Lumens: 1,336

☐ 4FT-L32W | White 32W LED Light Engine | Delivered Lumens: 2,672

☐ Cust\_Out\_4FT |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 1336 - Max 2672

W Min 16.0 - Max 32.0

6 FOOT NOMINAL FIXTURE

☐ 6FT-L24W | White 24W LED Light Engine | Delivered Lumens: 2,004

☐ 6FT-L48W | White 48W LED Light Engine | Delivered Lumens: 4,008

☐ Cust\_Out\_6FT |

Lumen Calculator: Enter Lumens or Watts if different than displayed

LU Min 2004 - Max 4008

W Min 24.0 - Max 48.0

8 FOOT NOMINAL FIXTURE

- ☐ **8FT-L32W** | White 32W LED Light Engine | Delivered Lumens: 2,672
- ☐ **8FT-L65W** | White 65W LED Light Engine | Delivered Lumens: 5,428

8 FOOT NOMINAL FIXTURE

- ☐ **8FT-L32W** | White 32W LED Light Engine | Delivered Lumens: 2,672
- ☐ **8FT-L65W** | White 65W LED Light Engine | Delivered Lumens: 5,428
- ☐ **Cust\_Out\_8FT** |

**Lumen Calculator:** Enter Lumens or Watts if different than displayed

LU Min 2672 - Max 5428

W Min 32.0 - Max 65.0

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 charts 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

|       | MAIN BODY LIGHT |        |       | DOWN LIGHT |        |
|-------|-----------------|--------|-------|------------|--------|
|       | 80 CRI          | 90 CRI |       | 80 CRI     | 90 CRI |
| 2700K | 0.91            | 0.77   | 2700K | 0.92       | 0.80   |
| 3000K | 0.94            | 0.80   | 3000K | 0.95       | 0.82   |
| 3500K | 0.97            | 0.82   | 3500K | 0.97       | 0.86   |
| 4000K | 1.00            | 0.85   | 4000K | 1.00       | 0.86   |
| 5000K | 1.00            | 0.85   | 5000K | 1.00       | n/a    |

D - CRI \*

- ☐ DF\_80 | (default)
- ☐ 90 <sup>1</sup>

<sup>1</sup> Not available in 5000K

E - CONTROLS \*

All controls allow for independent dimming of ambient and downlight components. Extended lead times may apply for controls other than 0-10V. Contact factory for additional control options such as Enlighted, Encelium, Wattstopper, WaveLinx, Casambi, or others.

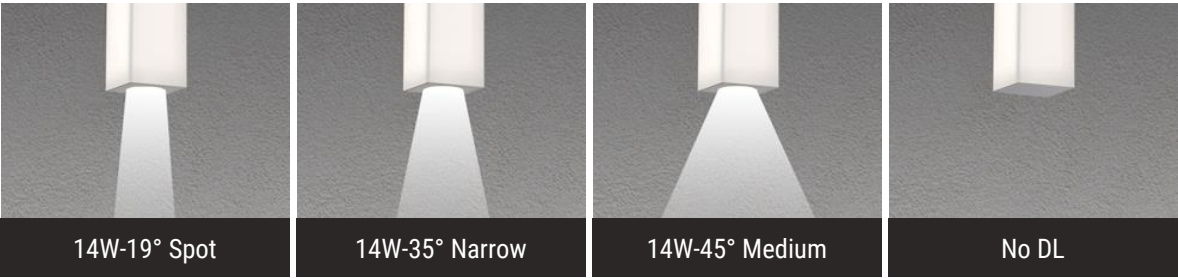
- ☐ DF\_DIM1 | 0-10V Control, 1% Dimming (default)
- ☐ AWRN<sup>2</sup> | Lutron Athena Wireless Node, 1% Dimming
- ☐ NX<sup>2</sup> | Current NX Wireless, 1% Dimming
- ☐ NLTA<sup>2</sup> | Acuity nLight Air, 1% Dimming

<sup>2</sup> Canopy dimensions may change for PSC and PSS mountings.

F - LIGHT SOURCE OPTION \*

If you're specifying a downlight option, layer the ambient and downlight IES files. Downlight CCT will match the Lamp Options selection above. Please choose one:

- ☐ 14W-19° Spot | 14W (1100 delivered lumens) Downlight - 19° Beam
- ☐ 14W-35° Narrow | 14W (1100 delivered lumens) Downlight - 35° Beam
- ☐ 14W-45° Medium | 14W (1100 delivered lumens) Downlight - 45° Beam
- ☐ No DL | No Downlight



G - DIFFUSER

- ☐ MA01 | Matte Acrylic Diffuser Lens (default)
- ☐ OA | White Gloss Acrylic Diffuser
- ☐ HP01- 1' | Silver Hand Painted Acrylic Diffuser
- ☐ HP02- 1' | Beige Hand Painted Acrylic Diffuser
- ☐ HP03- 1' | Amber Hand Painted Acrylic Diffuser
- ☐ HP01- 2' | Silver Hand Painted Acrylic Diffuser
- ☐ HP02- 2' | Beige Hand Painted Acrylic Diffuser
- ☐ HP03- 2' | Amber Hand Painted Acrylic Diffuser
- ☐ HP01- 3' | Silver Hand Painted Acrylic Diffuser
- ☐ HP02- 3' | Beige Hand Painted Acrylic Diffuser
- ☐ HP03- 3' | Amber Hand Painted Acrylic Diffuser
- ☐ HP01- 4' | Silver Hand Painted Acrylic Diffuser
- ☐ HP02- 4' | Beige Hand Painted Acrylic Diffuser
- ☐ HP03- 4' | Amber Hand Painted Acrylic Diffuser
- ☐ HP01- 6' | Silver Hand Painted Acrylic Diffuser
- ☐ HP02- 6' | Beige Hand Painted Acrylic Diffuser
- ☐ HP03- 6' | Amber Hand Painted Acrylic Diffuser
- ☐ HP01- 8' | Silver Hand Painted Acrylic Diffuser
- ☐ HP02- 8' | Beige Hand Painted Acrylic Diffuser
- ☐ HP03- 8' | Amber Hand Painted Acrylic Diffuser

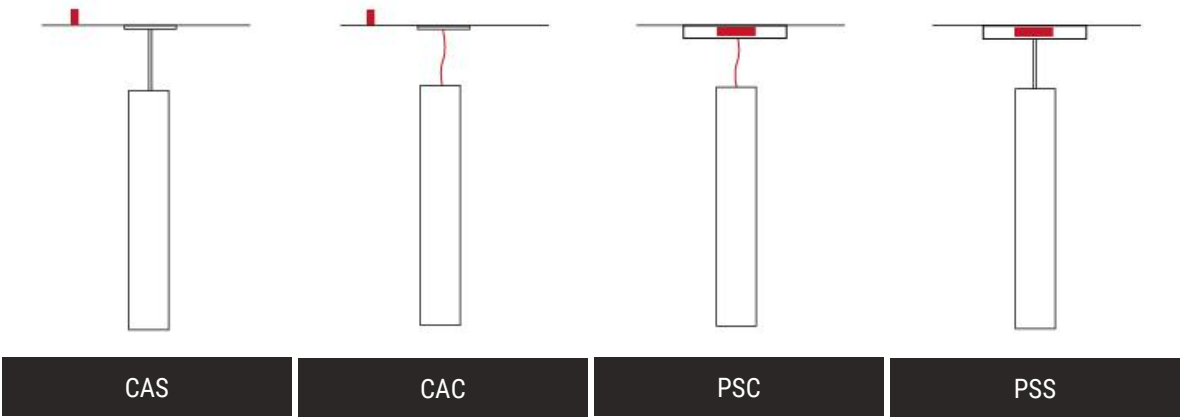


H - MOUNTING \*

Mounts to standard 4" octagonal junction box. The power cord is white and adjustable up to OAH. When the PSC or PSS mounting is specified, 1' through 3' fixtures have a 10" canopy and 4' through 8' fixtures have a 12" canopy. Specify a stem mounting (CAS or PSS) to prevent fixture rotation.

- ☐ CAS | 5.5" Square Flat Canopy & Stem, Remote Power Supply (22.5° swivel)
- ☐ CAC | 5" Square Flat Canopy & White Power Cord Suspension, Remote Power Supply
- ☐ PSC <sup>3</sup> | 10/12" Square Canopy with Power Supply & White Power Cord Suspension
- ☐ PSS <sup>3</sup> | 10/12" Square Canopy with Power Supply & Stem (22.5° swivel)

<sup>3</sup> 1' to 3' sizes have a 10" canopy; 4' to 8' sizes have a 12" canopy



I - 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

J - OTHER THAN STANDARD OPTIONS

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

OAH <sup>4</sup> | Pendant suspension length other than standard Length:

<sup>4</sup> Minimum OAH = fixture length + 6", to allow for access to mounting/wiring

## 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](mailto:contact@spilighting.com). Please note, finishes may not be available in all configurations.

### Paint Colors

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

### Metallic Paint Colors

|   |  |  |   |   |
|---|--|--|---|---|
| <b>PT22</b><br>Platinum (Metallic Gloss)    | <b>PT48</b><br>Brass (Metallic Textured) | <b>PT28</b><br>Dark Stainless (Metallic Gloss) | <b>PT49</b><br>Bronze (Metallic Textured) | <b>PT32</b><br>Dark Bronze (Metallic Gloss) |
| <b>PT46</b><br>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.