# EVO S16

**ULTRA NARROW SPOT GLARE GUARD**

![Evo S16 LED Spotlight](https://example.com/evo-s16-image.png)

## Technical Description

Evo S16 is a single source stem-mounted LED spotlight that comes as standard in white, black and brushed aluminium finishes. It has five site changeable optics for flexible distribution. The ultra narrow spot beam in our 9W 700lm module has a peak intensity of 32617cd. The Evo S has a 360 degree bearing aided rotation and 180 degree constant torque tilt mechanism, both lockable. The Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

## Mechanical

<table>
<thead>
<tr>
<th>Category</th>
<th>Interior use only IP20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Machined Aluminium</td>
</tr>
<tr>
<td>Lockable</td>
<td>Pan &amp; Tilt</td>
</tr>
<tr>
<td>Accessories</td>
<td>Snoots</td>
</tr>
</tbody>
</table>

## Finishes

| Brushes Aluminium | Black | White | Custom* |

* Please enquire as to the availability of non-standard Finishes

## Optical & Electrical

### System Power
- **9W**

### Module Output
- **700lm**

### Absolute Output
- **660lm**

### Gear Type
- Dimmable available

### Colour Temperature
- **3000K**

### CRI
- **92**

### TM-30 Rf: 90-99

### Beam Angle
- **06°**

## Drivers

<table>
<thead>
<tr>
<th>Driver/PSU Code</th>
<th>QTY Lights</th>
<th>Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCV-90-24-A-TC</td>
<td>1</td>
<td>230V</td>
</tr>
<tr>
<td>PSCV-190-24-A-OS</td>
<td>1 to 10</td>
<td>230V</td>
</tr>
<tr>
<td>DALI Dimming</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSCV-16-24-D-TC</td>
<td>1</td>
<td>230V</td>
</tr>
<tr>
<td>PSCV-15-24-D-TC</td>
<td>1</td>
<td>110/127V</td>
</tr>
<tr>
<td>PSCV-100-24-D-EL</td>
<td>1 to 10</td>
<td>190/230V</td>
</tr>
</tbody>
</table>

## Systems

| Monopoint | LV tracks |

## Weight

- **387g**

## Systems

| Monopoint | LV tracks |

## Weight

- **387g**

## Accessories

| Snoots | Louvres | Lenses |

## Category

- **Interior use only IP20**

## Material

- **Machined Aluminium**

## Lockable

- **Pan & Tilt**

## Accessories

| Snoots | Louvres | Lenses |

## For 3000K Substitute XX with 30

| For 3000K Substitute XX with 30 |

*All Brass and Bronze finishes are made to order and subject to MOQ*

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**Product photometry tested in accordance with LM-79 at 3000K, please enquire for 2700K data**

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**SALES@PRECISIONLIGHTING.CO.UK**

**Version 04.17**
**Technical Description**

Evo S16 is a single source stem-mounted LED spotlight that comes as standard in white, black and brushed aluminium finishes. It has five site changeable optics for flexible distribution. The narrow spot beam in our 9W 700lm module has a peak intensity of 12,685cd. The Evo S has a 360 degree bearing aided rotation and 180 degree constant torque tilt mechanism, both lockable. The Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

**Mechanical**

- **Category**: Interior use only IP20
- **Material**: Machined Aluminium
- **Lockable**: Pan & Tilt
- **Accessories**: Snoots | Louvres | Lenses

**Finishes**

- **Brushed Aluminium | Black | White | Custom**

*Please enquire as to the availability of non-standard Finishes*

**Optical & Electrical**

- **System Power**: 9W
- **Module Output**: 700lm*
- **Absolute Output**: 660lm
- **Gear Type**: Dimmable available
- **Colour Temperature**: 3000K*
- **CRI**: 92 TYP
- **TM-30**: RF: 90 RG: 99
- **Beam Angle**: 10º

**Drivers**

<table>
<thead>
<tr>
<th>Driver/PSU Code</th>
<th>QTY Lights</th>
<th>Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCV-90-24-A-TC</td>
<td>1</td>
<td>230V</td>
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<tr>
<td>PSCV-90-24-D-TC</td>
<td>1</td>
<td>230V</td>
</tr>
<tr>
<td>PSCV-150-24-A-OS</td>
<td>1 to 10</td>
<td>230V</td>
</tr>
<tr>
<td>DALI Dimming</td>
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<td></td>
</tr>
<tr>
<td>PSCV-16-24-D-TC</td>
<td>1</td>
<td>230V</td>
</tr>
<tr>
<td>PSCV-15-24-D-TC</td>
<td>1</td>
<td>110/127V</td>
</tr>
<tr>
<td>PSCV-100-24-D-EL</td>
<td>1 to 10</td>
<td>120/230V</td>
</tr>
</tbody>
</table>

**System Power**

- **9W**

<table>
<thead>
<tr>
<th>Beam Angle</th>
<th>0º</th>
<th>10º</th>
<th>30º</th>
<th>60º</th>
<th>90º</th>
<th>120º</th>
<th>150º</th>
<th>180º</th>
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<tbody>
<tr>
<td>10º</td>
<td>13,000</td>
<td>10,833</td>
<td>8,667</td>
<td>6,500</td>
<td>4,333</td>
<td>2,167</td>
<td>2,167</td>
<td>0</td>
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<td>30º</td>
<td>12,685</td>
<td>10,723</td>
<td>8,667</td>
<td>6,500</td>
<td>4,333</td>
<td>2,167</td>
<td>2,167</td>
<td>0</td>
</tr>
<tr>
<td>60º</td>
<td>12,000</td>
<td>10,000</td>
<td>8,000</td>
<td>6,000</td>
<td>4,000</td>
<td>2,000</td>
<td>2,000</td>
<td>0</td>
</tr>
<tr>
<td>90º</td>
<td>11,000</td>
<td>9,000</td>
<td>7,000</td>
<td>5,000</td>
<td>3,000</td>
<td>1,000</td>
<td>1,000</td>
<td>0</td>
</tr>
<tr>
<td>120º</td>
<td>10,000</td>
<td>8,000</td>
<td>6,000</td>
<td>4,000</td>
<td>2,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>150º</td>
<td>9,000</td>
<td>7,000</td>
<td>5,000</td>
<td>3,000</td>
<td>1,000</td>
<td>0</td>
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<td>180º</td>
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<td>2,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</table>

**LED**

- **3000K LED**

<table>
<thead>
<tr>
<th>Beam Angle</th>
<th>0º</th>
<th>10º</th>
<th>30º</th>
<th>60º</th>
<th>90º</th>
<th>120º</th>
<th>150º</th>
<th>180º</th>
</tr>
</thead>
<tbody>
<tr>
<td>10º</td>
<td>0</td>
<td>1.7</td>
<td>3.1</td>
<td>5.7</td>
<td>8.6</td>
<td>11.2</td>
<td>13.7</td>
<td>15.9</td>
</tr>
<tr>
<td>30º</td>
<td>0</td>
<td>1.7</td>
<td>3.1</td>
<td>5.7</td>
<td>8.6</td>
<td>11.2</td>
<td>13.7</td>
<td>15.9</td>
</tr>
<tr>
<td>60º</td>
<td>0</td>
<td>1.7</td>
<td>3.1</td>
<td>5.7</td>
<td>8.6</td>
<td>11.2</td>
<td>13.7</td>
<td>15.9</td>
</tr>
<tr>
<td>90º</td>
<td>0</td>
<td>1.7</td>
<td>3.1</td>
<td>5.7</td>
<td>8.6</td>
<td>11.2</td>
<td>13.7</td>
<td>15.9</td>
</tr>
<tr>
<td>120º</td>
<td>0</td>
<td>1.7</td>
<td>3.1</td>
<td>5.7</td>
<td>8.6</td>
<td>11.2</td>
<td>13.7</td>
<td>15.9</td>
</tr>
<tr>
<td>150º</td>
<td>0</td>
<td>1.7</td>
<td>3.1</td>
<td>5.7</td>
<td>8.6</td>
<td>11.2</td>
<td>13.7</td>
<td>15.9</td>
</tr>
<tr>
<td>180º</td>
<td>0</td>
<td>1.7</td>
<td>3.1</td>
<td>5.7</td>
<td>8.6</td>
<td>11.2</td>
<td>13.7</td>
<td>15.9</td>
</tr>
</tbody>
</table>

**Drivers**

- **Driver/PSU Code**: 9W 10º 3000K LED
- **QTY Lights**: 1 to 10
- **Input**: 110/127V

**For 3000K Substitute XX with 30**

*Please enquire as to the availability of non-standard Finishes*
EVO S16

Technical Description

Evo S16 is a single source stem-mounted LED spotlight that comes as standard in white, black and brushed aluminium finishes. It has five site changeable optics for flexible distribution. The medium beam in our 9W 700lm module has a peak intensity of 5449cd. The Evo S has a 360 degree bearing aided rotation and 180 degree constant torque tilt mechanism, both lockable. The Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

Mechanical

Category  Interior use only IP20
Material  Machined Aluminium
Lockable  Pan & Tilt

Accessories  Snoots | Louvres | Lenses

Finishes

Brushed Aluminium | Black | White | Custom*

* Please enquire as to the availability of non-standard Finishes

Drivers

1-10V Dimming
PSCV-90-24-A-TC 1 230V
PSCV-190-24-A-OS 1 to 10 230V
DALI Dimming
PSCV-16-24-D-TC 1 230V
PSCV-15-24-D-T 1 110/127V
PSCV-100-24-D-EL 1 to 10 190/230V

Optical & Electrical

System Power  9W
Module Output  700lm*
Absolute Output  670lm
Gear Type  Dimmable available
Colour Temperature  3000K*
CRI  92 TYP
TM-30  RF: 90 RG: 99
Beam Angle  15º

For 3000K Substitute XX with 30
For 2700K Substitute XX with 27

*All Brass and Bronze finishes are made to order and subject to MOQ

Product photometry tested in accordance with LM-79 at 3000K, please enquire for 2700K data.
EVO S16

FLOOD GLARE GUARD

Technical Description

Evo S16 is a single source stem-mounted LED spotlight that comes as standard in white, black and brushed aluminium finishes. It has five site changeable optics for flexible distribution. The flood beam in our 9W 700lm module has a peak intensity of 1670cd. The Evo S has a 360 degree bearing aided rotation and 180 degree constant torque tilt mechanism, both lockable. The Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting's systems. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

Mechanical

Category: Interior use only IP20  
Material: Machined Aluminium  
Lockable: Pan & Tilt  
Accessories: Snoots | Louvres | Lenses

Systems: Monopoint | LV tracks

Weight: 387g

Finishes

Brushed Aluminium | Black | White | Custom*

* Please enquire as to the availability of non-standard Finishes

Optical & Electrical

System Power: 9W
Module Output: 700lm*  
Absolute Output: 630lm  
Gear Type: Dimmable available  
Colour Temperature: 3000K*  
CRI: 92 TYP  
TM-30: RF: 90; RG: 99

Drivers

Driver/PSU Code | QTY Lights | Input
--- | --- | ---
PSCV-90-94-A-TC | 1 | 230V
PSCV-190-94-A-OS | 1 to 10 | 230V
PSCV-16-94-D-TC | 1 | 230V
PSCV-15-94-D-TC | 1 | 110/127V
PSCV-100-94-D-EL | 1 to 10 | 190/230V

System Power 9W

Module Output 700lm*

Absolute Output 630lm

Gear Type Dimmable available

Colour Temperature 3000K*

CRI 92 TYP

TM-30 RF: 90; RG: 99

Beam Angle 30°

Product photometry tested in accordance with LM-79 at 3000K, please enquire for 2700K data

For 3000K Substitute XX with 30  
For 2700K Substitute XX with 27

*All Brass and Bronze finishes are made to order and subject to MOQ

Product information is subject to change. Please enquire for availability.
EVO S16
WIDE FLOOD GLARE GUARD

Technical Description
Evo S16 is a single source stem-mounted LED spotlight that comes as standard in white, black and brushed aluminium finishes. It has five site changeable optics for flexible distribution. The wide flood beam in our 9W 700lm module has a peak intensity of 540cd. The Evo S has a 360 degree bearing aided rotation and 180 degree constant torque tilt mechanism, both lockable. The Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

Mechanical
Category Interior use only IP20
Material Machined Aluminium
Lockable Pan & Tilt
Accessories Snoots | Louvres | Lenses

Finish
Brushed Aluminium | Black | White | Custom*

Optical & Electrical

System Power 9W
Module Output 700lm*
Absolute Output 630lm
Gear Type Dimmable available
Colour Temperature 3000K*
CRI 92 TYP
TM-30 RF: 90 RG: 99
Beam Angle 55°

Drivers
Driver/PSU Code QTY Lights Input
1-10V Dimming
PSCV-90-24-A-TC 1 230V
PSCV-190-24-A-OS 1 to 10 230V
DALI Dimming
PSCV-16-24-D-TC 1 230V
PSCV-19-24-D-TC 1 110/127V
PSCV-100-24-D-EL 1 to 10 120/230V

For 3000K Substitute XX with 30
For 2700K Substitute XX with 27
*All Brass and Bronze finishes are made to order and subject to MOQ

Product photometry tested in accordance with LM-79 at 3000K, please enquire for 2700K data

For 3000K Substitute XX with 30
- For 2700K Substitute XX with 27

*All Brass and Bronze finishes are made to order and subject to MOQ