**Technical Description**

Retro 16 is a single source 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 Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems, offering flexibility throughout the product’s lifetime. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

**Mechanical**

- **Category**: Interior use only IP20
- **Material**: Machined Aluminium
- **Lockable**: No
- **Accessories**: Louvres | Lenses

**Finishes**

- **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
- **LOR**: 94
- **Gear Type**: Dimmable available
- **Colour Temperature**: 3000K*
- **CRI**: 92 TYP
- **TM-30 RF**: 90 RG: 99
- **Beam Angle**: 06º

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

**Driver/PSU Code**

- **1-10V Dimming**
  - PSCV-90-94-A-TC 1 230V
  - PSCV-190-94-A-OS 1 to 10 230V

- **DALI Dimming**
  - 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

**Product Photometry tested in accordance with LW-79 at 3000K, please enquire for 2700K data.**

For 3000K Substitute XX with 30

For 2700K Substitute XX with 27
Retro 16 is a single source 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 12685cd. The Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems, offering flexibility throughout the product’s lifetime. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

**Technical Description**

**Mechanical**

- **Category**: Interior use only IP20
- **Material**: Machined Aluminium
- **Lockable**: No
- **Accessories**: Louvres | Lenses

**Finishes**

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

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

**Optical & Electrical**

<table>
<thead>
<tr>
<th>System Power</th>
<th>Driver/PSU Code</th>
<th>QTY Lights</th>
<th>Input</th>
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<tbody>
<tr>
<td>9W</td>
<td>1-10V Dimming</td>
<td></td>
<td></td>
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<tr>
<td>Module Output</td>
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<td>700lm*</td>
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<td>Absolute Output</td>
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<tr>
<td>660lm</td>
<td>PSCV-15-94-A-TC</td>
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<tr>
<td>LOR 94</td>
<td>PSCV-190-94-A-OS</td>
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<td>PSCV-15-94-D-TC</td>
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<td>PSCV-100-94-D-EL</td>
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<td>190/230V</td>
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<td>3000K*</td>
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<td>CRI 92 TYP</td>
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Product Photometry tested in accordance with LW-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
Retro 16 is a single source 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 Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems, offering flexibility throughout the product’s lifetime. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

### Technical Description

- **Systems**: Eutrac | Monopoint | LV tracks
- **Material**: Machined Aluminium
- **Lockable**: No
- **Finish**: Brushed Aluminium | Black | White | Custom*
- **Colour Temperature**: 3000K*
- **CRI**: 92 TYP
- **Beam Angle**: 15º

### Optical & Electrical

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<th>System Power</th>
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<td>Module Output</td>
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<td>Absolute Output</td>
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<td>LOR %</td>
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<td>Gear Type</td>
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<tr>
<td>Colour Temperature</td>
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<tr>
<td>CRI</td>
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<td>Colour Temperature</td>
<td>3000K*</td>
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<tr>
<td>CRI</td>
<td>92 TYP</td>
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</table>

**Driver/PSU Code**

- PSCV-90-24-A-TC 1 230V
- PSCV-190-24-A-O 1 to 10 230V
- PSCV-16-24-D-TC 1 230V
- PSCV-15-24-D-TC 1 110/127V
- PSCV-100-24-D-EL 1 to 10 120/230V

**Input**

- 1-10V Dimming
- DALI Dimming

For 3000K Substitute XX with 30

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*All Brass and Bronze finishes are made to order and subject to MOQ*
Retro 16 is a single source 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 Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems, offering flexibility throughout the product’s lifetime. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

Technical Description

Retro 16 is a single source 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 Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems, offering flexibility throughout the product’s lifetime. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

Mechanical

Category Interior use only IP20
Material Machined Aluminium
Lockable No
Accessories Louvres | Lenses

Finishes

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
LOR 90
Gear Type Dimmable available
Colour Temperature 3000K*
CRI 92 TYP
TM-30 RF: 90 RG: 99
Beam Angle 30º

Driver/PSU Code QTY Lights Input
PSCV-90-24-A-TC 1 230V
PSCV-90-24-A-TC 1 110/127V
PSCV-90-24-A-QS 1 to 10 230V
PSCV-16-94-D-TC 1 230V
PSCV-16-94-D-TC 1 110/127V
PSCV-100-94-D-EL 1 to 10 190/230V

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

For 3000K Substitute XX with 30
For 5700K Substitute XX with 97

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

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Version 11.18
Retro 16 is a single source 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 Jack Plug system enables the luminaire to be easily disconnected and reconnected to all of Precision Lighting’s systems, offering flexibility throughout the product’s lifetime. The onboard 24V driver ensures overcurrent protection and is not polarity sensitive.

### Mechanical

**Category** Interior use only IP20  
**Material** Machined Aluminium  
**Lockable** No  
**Accessories** Louvres | Lenses

### Finishes

**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  
**LOR** 90  
**Gear Type** Dimmable available  
**Colour Temperature** 3000K*  
**CRI** 92 TYP  
**Beam Angle** 55º

**Driver/PSU Code**  
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Product Photometry tested in accordance with LW-79 at 3000K, please enquire for 2700K data.

### Specification

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</tbody>
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*All Brass and Bronze finishes are made to order and subject to MOQ

For 3000K Substitute XX with 30  
For 9700K Substitute XX with 97

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**Version 11.18**