**Technical Description**

Retro 11 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 4.9W 405lm module has a peak intensity of 8306cd. 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

**Optical & Electrical**

<table>
<thead>
<tr>
<th>System Power</th>
<th>Module Output</th>
<th>1-10V Dimming</th>
<th>Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.9W</td>
<td>405lm*</td>
<td>230V</td>
<td></td>
</tr>
</tbody>
</table>

- **Absolute Output**: 397lm
- **Gear Type**: Dimmable available
- **Colour Temperature**: 3000K*
- **CRI**: 92 TYP
- **Beam Angle**: 09º

**Finishes**

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

- **Systems**: Eutrac | Monopoint | LV tracks
- **Weight**: 190g

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

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**Product Photometry**

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

For 2700K Substitute XX with 27
Retro 11 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 4.9W 405lm module has a peak intensity of 6381cd. 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 11

- **System Power**: 4.9W
- **Module Output**: 405lm*
- **Absolute Output**: 396lm
- **LOR**: 98
- **Gear Type**: Dimmable available
- **Colour Temperature**: 3000K*
- **CRI**: 92 TYP
- **TM-30**: RF: 90 RG: 99
- **Beam Angle**: 11º
- **Finish**: Brushed Aluminium | Black | White | Rubbed Bronze | Custom*

### Mechanical

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

### Optical & Electrical

- **System Power**: 4.9W
- **Module Output**: 405lm*
- **Absolute Output**: 396lm
- **LOR**: 98
- **Gear Type**: Dimmable available
- **Colour Temperature**: 3000K*
- **CRI**: 92 TYP
- **Beam Angle**: 11º

### Finishes

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

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

### Optical & Electrical

#### System Power 4.9W

- **Driver/PSU Code**
  - PSCV-20-94-A-TC 1 230V
  - PSCV-190-94-A-OS 1 to 15 230V
  - PSCV-16-94-D-TC 1 230V
  - PSCV-15-94-D-TC 1 110/127V
  - PSCV-100-94-D-EL 1 to 15 190/230V

#### Absolute Output 396lm

<table>
<thead>
<tr>
<th>Beam Angle</th>
<th>0º</th>
<th>10º</th>
<th>20º</th>
<th>30º</th>
<th>40º</th>
<th>50º</th>
<th>60º</th>
<th>70º</th>
<th>80º</th>
<th>90º</th>
<th>100º</th>
<th>110º</th>
<th>120º</th>
<th>130º</th>
<th>140º</th>
<th>150º</th>
<th>160º</th>
<th>170º</th>
<th>180º</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intensity</td>
<td>7400</td>
<td>6167</td>
<td>4933</td>
<td>3700</td>
<td>2467</td>
<td>1233</td>
<td>1233</td>
<td>7322</td>
<td>5250</td>
<td>4580</td>
<td>3700</td>
<td>2831</td>
<td>1831</td>
<td>814</td>
<td>458</td>
<td>293</td>
<td>2467</td>
<td>3700</td>
<td>4933</td>
</tr>
</tbody>
</table>

#### Module Output 405lm*

<table>
<thead>
<tr>
<th>Beam Angle</th>
<th>0º</th>
<th>10º</th>
<th>20º</th>
<th>30º</th>
<th>40º</th>
<th>50º</th>
<th>60º</th>
<th>70º</th>
<th>80º</th>
<th>90º</th>
<th>100º</th>
<th>110º</th>
<th>120º</th>
<th>130º</th>
<th>140º</th>
<th>150º</th>
<th>160º</th>
<th>170º</th>
<th>180º</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intensity</td>
<td>4900</td>
<td>3800</td>
<td>2900</td>
<td>1800</td>
<td>1200</td>
<td>450</td>
<td>0</td>
<td>0</td>
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<td>0</td>
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<td></td>
</tr>
</tbody>
</table>

### 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*

**Precision Lighting**

**Specifications Sheet 333**

**RETRO 11**

**Narrow Spot**
Technical Description

Retro 11 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 4.9W 405lm module has a peak intensity of 3456cd. 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 | Rubbed Bronze | Custom*

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

Optical & Electrical

System Power 4.9W
Module Output 405lm*
Absolute Output 397lm
LOR 98
Gear Type Dimmable available
Colour Temperature 3000K*
CRI 92 TYP
TM-30 RF: 90 RG: 99
Beam Angle 15º

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
Retro 11 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 4.9W 405lm module has a peak intensity of 1048cd. 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 | Rubbed Bronze | Custom*  

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

### Optical & Electrical

**System Power** 4.9W  
**Module Output** 405lm*  
**Absolute Output** 345lm  
**LOR** 85  
**Gear Type** Dimmable available  
**Colour Temperature** 3000K*  
**CRI** 92 TYP  
**Colour Rendering Index (CRI)** 92 | 99**  
**Beam Angle** 25º  
**Weight** 190g

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![Image of Retro 11 Luminaire]

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

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<table>
<thead>
<tr>
<th>Finish</th>
<th>Cable</th>
<th>Basis Track</th>
<th>Retrac</th>
<th>Eutrac</th>
<th>Trimless</th>
<th>Flat</th>
<th>Node</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>BR</td>
<td>RT-333-BR-JX00005</td>
<td>EUT3-333-BR-JX00025</td>
<td>MPS-333-BR-JX00025</td>
<td>APK-333-BR-JX00025</td>
<td>MPR-333-BR-JX00025</td>
<td>MPR-333-BR-JX00025</td>
<td>MPR-333-BR-JX00025</td>
<td></td>
</tr>
</tbody>
</table>

For 3000K Substitute XX with 30

For 2700K Substitute XX with 97

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

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**Technical Description**

**Version 11.18**
**Technical Description**

Retro 11 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 4.9W 405lm module has a peak intensity of 348cd. 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 | Rubbed Bronze | Custom*

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

**Optical & Electrical**

- **System Power**: 4.9W
- **Module Output**: 405lm*
- **Absolute Output**: 330lm
- **LOR**: 81
- **Gear Type**: Dimmable available
- **Colour Temperature**: 3000K*
- **CRI**: 92 TYP
- **TM-30**: RF: 90 RG: 99
- **Beam Angle**: 45°

**Luminaires spec sheet 333**

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

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