

## Spectrum Miniature LED Pro Spotlights



**Spectrum Miniature LED Pro** display spotlights from Display Lighting incorporate a single high power LED that is carefully constructed into a high quality, hard wearing and reliable contemporary luminaire. The design ensures that the spotlights are as unobtrusive as possible so that your products are illuminated to their full potential without obstruction.

- Integrated LED.
- Specialised focused lighting for museum and retail showcases.
- Low heat illumination.
- No ultraviolet light so does not fade materials.
- Unobtrusive.
- Bespoke product manufactured to your specification.
- Reduces heat emissions and heat build-up in store.
- Reduces energy bills by up to 80%.
- Dimmable

## Technical Specifications

<b>Head Diameter:</b>	25mm
<b>Material/s:</b>	Aluminium/Brass
<b>Electrical Connection:</b>	Plug & Play   Hard Wired (1000mm tails as standard, can be specified)
<b>CCT (Lumens):</b>	<b>VW - 3000K (105lm)</b> <b>NW - 4000K (144lm)</b> <b>CW - 5000K (150lm)</b>
<b>Watts:</b>	1W (integrated non-user replaceable LED)
<b>UV:</b>	0.2 microwatts/m2
<b>Fixings:</b>	7 models available (see page 2 & 3)
<b>CRI Rating:</b>	CRI90>
<b>Class:</b>	III
<b>IP Rating:</b>	IP20
<b>Protection Class:</b>	IK02
<b>Finishes:</b>	<b>01</b> - White <b>02</b> - Black <b>03</b> - Chrome <b>04</b> - Gold <b>05</b> - Brushed Chrome <b>06</b> - Antique Brass <b>07</b> - Polished Nickel <b>08</b> - Brushed Nickel <b>15</b> - Brushed Brass <b>16</b> - Rose Gold <b>XXX</b> - RAL Colours
<b>Input Voltage:</b>	350mA
<b>Forward Voltage (Vf):</b>	3V
<b>Beam Angles:</b>	<b>10   25   40   60</b> Degrees
<b>Warranty:</b>	5 Years
<b>Dimming:</b>	<b>ON/OFF   1-10V   TRIAC   DALI   DMX   Bluetooth (Casambi)</b>
<b>Ordering:</b>	5 step order code (see page 3)

## Spectrum Miniature LED Pro Spotlights



ROSE GOLD  
20th ANNIVERSARY  
EDITION



ROSE GOLD  
20th ANNIVERSARY  
EDITION



### S152 Stirrup Bracket

**Overall Height:** 45mm  
**Fixing:** Screw Fix  
**Cutout Diameter:** 5mm  
**Rotation:** 350 Degrees  
**Tilt:** 120 Degrees  
**Mounting:** Vertical or Horizontal

### S252 Face Fix Base

**Overall Height:** 75mm  
**Fixing:** Screw Fix  
**Cutout Diameter:** 7mm  
**Rotation:** 350 Degrees  
**Tilt:** 90 Degrees  
**Mounting:** Vertical or Horizontal

### S352 Rear Fix Base

**Overall Height:** 75mm  
**Fixing:** M10 x 50mm Thread (*Nut & Washer*)  
**Cutout Diameter:** 11mm  
**Rotation:** 350 Degrees  
**Tilt:** 90 Degrees  
**Mounting:** Vertical or Horizontal

### S452 Ceiling Plate

**Overall Height:** 95mm  
**Fixing:** Screw Fix Bracket  
**Cutout Diameter:** N/A  
**Rotation:** 350 Degrees  
**Tilt:** 90 Degrees  
**Mounting:** Vertical or Horizontal

### S552 Screw Fix Plate

**Overall Height:** 52mm  
**Fixing:** Screw Fix  
**Cutout Diameter:** 14mm  
**Rotation:** 350 Degrees  
**Tilt:** 90 Degrees  
**Mounting:** Vertical or Horizontal

### S1052 Screw Fix Bracket

**Overall Height:** 65mm  
**Fixing:** Screw Fix  
**Cutout Diameter:** N/A  
**Rotation:** 350 Degrees  
**Tilt:** 90 Degrees  
**Mounting:** Vertical or Horizontal



## Spectrum Miniature LED Pro Spotlights



## S852 Freestanding Plate

**Overall Height:** 72mm  
**Fixing:** Freestanding  
**Cutout Diameter:** N/A  
**Rotation:** 350 Degrees  
**Tilt:** 90 Degrees  
**Mounting:** Vertical

## POWER &amp; DIMMING OPTIONS

- P&P** Plug & Play - Standard On/Off Driver (2m mains lead & UK plug)  
**P&P/BT:** Plug & Play -  Bluetooth Controllable Driver (no mains lead)  
[Casambi App available for IOS on App Store & Android on Google Play Store](#)  
**P&P/DA:** Plug & Play - 1-10V Dimmable Driver (no mains lead)  
**P&P/DAP:** Plug & Play - 1-10V Dimmable Driver with Pot Dimmer (2m mains lead & UK plug)  
**P&P/DD:** Plug & Play -  Dimmable Driver (no mains lead)  
**P&P/DT:** Plug & Play - Mains (TRIAC) Dimmable Driver (no mains lead)  
**P&P/OO:** Plug & Play - Standard On/Off Driver (no mains lead)

## FIVE STEP ORDERING

	1	2	3	4	5
MODEL	CCT	BEAM ANGLE	FINISH	SPOTS PER SET	POWER
S152	WW	10	01	X1	P&P
S252	NW	25	02	X2	P&P/BT
S352	CW	40	03	X3	P&P/DA
S452		60	04	X4	P&P/DAP
S552			05	X5	P&P/DD
S1052			06	X6	P&P/DT
S852			07	X7	P&P/OO
			08	X8	
			15	X9	
			16	X10	
			XXX (RAL)		

Example Order Code: S352.WW.40.02.X2.P&P/OO

## NOTES: