

Spectrum Miniature LED

Quality retail showcase lighting systems

PRODUCT SHEET

DOC079

Spectrum Miniature LED

Type: Single Fix LED Display Spotlights



Specialist Counter & Showcase Lighting System

S158



WARM WHITE LED SHOWN

Overall Height: 45mm

Head Diameter: Ø25mm

Wattage: 1.5W

Input Voltage: 350mA Constant Current
(See Recommended Drivers below)

Beam Angle: 45°

Lumens @350mA: 120lm - 130lm

Finishes: See Ordering below

Colour Temperature/s: See Ordering below

Fixing Hole Diameter: Ø5mm

Mount: Vertical / Horizontal

Material: Brass/Aluminium

Rotation: 350°

Fixing: Screw Fix (*Screw not Supplied*)

Adjustment: 180°

Life Expectancy: 30'000 Hours *

Ta: 25°

Tc: 48°

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S252



COOL WHITE LED SHOWN

Overall Height: 75mm

Head Diameter: Ø25mm

Wattage: 1.5W

Input Voltage: 350mA Constant Current
(See Recommended Drivers below)

Beam Angle: 45°

Lumens @350mA: 120lm - 130lm

Finishes: See Ordering below

Colour Temperature/s: See Ordering below

Fixing Hole Diameter: Ø7mm

Mount: Vertical / Horizontal

Material: Brass/Aluminium

Rotation: 350°

Fixing: Screw Fix (*Screws not Supplied*)

Adjustment: 90°

Life Expectancy: 30'000 Hours *

Ta: 25°

Tc: 48°

S352



Other thread lengths available to order

COOL WHITE LED SHOWN

Overall Height: 75mm

Head Diameter: Ø25mm

Wattage: 1.5W

Input Voltage: 350mA Constant Current
(See Recommended Drivers below)

Beam Angle: 45°

Lumens @350mA: 120lm - 130lm

Finishes: See Ordering below

Colour Temperature/s: See Ordering below

Fixing Hole Diameter: Ø7mm

Mount: Vertical / Horizontal

Material: Brass/Aluminium

Rotation: 350°

Fixing: M10 x 50mm Metric Fine Thread

Adjustment: 90°

Life Expectancy: 30'000 Hours *

Ta: 25°

Tc: 48°

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S452



WARM WHITE LED SHOWN

Overall Height: 95mm

Head Diameter: Ø25mm

Wattage: 1.5W

Input Voltage: 350mA Constant Current
(See Recommended Drivers below)

Beam Angle: 45°

Lumens @350mA: 120lm - 130lm

Finishes: See Ordering below

Colour Temperature/s: See Ordering below

Fixing Hole Diameter: N/A

Mount: Vertical / Horizontal

Material: Brass/Aluminium

Rotation: 350°

Fixing: Screw Fix (*Screws not Supplied*)

Adjustment: 90°

Life Expectancy: 30'000 Hours *

Ta: 25°

Tc: 48°

S552



COOL WHITE LED SHOWN

Overall Height: 52mm

Head Diameter: Ø25mm

Wattage: 1.5W

Input Voltage: 350mA Constant Current
(See Recommended Drivers below)

Beam Angle: 45°

Lumens @350mA: 120lm - 130lm

Finishes: See Ordering below

Colour Temperature/s: See Ordering below

Fixing Hole Diameter: N/A

Mount: Vertical / Horizontal

Material: Brass/Aluminium

Rotation: 350°

Fixing: Screw Fix (*Screws not Supplied*)

Adjustment: 90°

Life Expectancy: 30'000 Hours *

Ta: 25°

Tc: 48°







Standards: BS4533: SECTION 102.1:1990/EN 60598-2-1:1989 WITH BS EN 60598-1:2008 Incorporating CENELEC AMD A111

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In Series Connectors

| | Model Number | Description |
|---|--------------|--|
|  | DL111850 | 3 Way (2 Bridges) |
|  | DL111860 | 6 Way (3 Bridges) |
|  | DL111861 | 1m Extension |
|  | DL111862 | 2m Extension |
|  | DL111863 | Spare Bridges (5) |
|  | 222-412 | 2 Pole Cage Clamp 32A Terminal - Grey/Orange |

Recommended LED Drivers

Luminaires are not guaranteed unless operated with LED driver supplied by Display Lighting Ltd

| Model Number | Input Voltage | Output Current | Wattage | Dimming |
|--------------|---------------|----------------------|---------|---------|
| PCC35004 | 100V – 240V | 350mA (2 – 12V) | 4W | No |
| PCC35009TD | 220V – 240V | 350mA (6 – 26V) | 9W | Triac |
| PCC35012 | 220V – 240V | 350mA (2 – 34V) | 12W | No |
| PCC35012TD | 220V – 240V | 350mA (12 – 35V) | 12W | Triac |
| PCC35018 | 220V – 240V | 350mA (6 – 52V) | 18W | No |
| PCC35018TD | 220V – 240V | 350mA (15 – 52V) | 18W | Triac |
| PCC35020 | 220V – 240V | 350mA (2 – 58V) | 20W | No |
| L05011i2 | 180V – 240V | 150-1200mA (6 – 42V) | 20W | 1 – 10V |

Constant Current power supplies must be wired in series in accordance with data sheet accompanying the product

Ordering

Example code: **S252.CW.03**

| Type | Colour Temperature | Finish |
|------|---------------------------------|-------------------|
| S158 | WW Warm White (3000K CRI90>) | 01 White |
| S252 | NW Neutral White (4000K CRI80>) | 02 Black |
| S352 | CW Cool White (5000K CRI80>) | 03 Chrome |
| S452 | | 04 Polished Brass |
| S552 | | 05 Brushed Chrome |

All Spectrum Miniature LED luminaires are manufactured and supplied with 1m Tails as standard, other lengths are available to order.