

Spectrum Miniature MR16 LV Pro Spotlights



A very high quality, cost effective low voltage cabinet & showcase lighting system that can be supplied to your exact specification and combined with MR16 retrofit LED lamp technology. These spotlights have been tried and trusted by the retail shop-fitting industry for over 20 years and have proven to be an extremely reliable display lighting solution. The new range of retrofit MR16 LED lamps are designed to reduce energy, heat emissions and maintenance costs dramatically.

- Focused lighting for retail showcases.
- No ultraviolet light so does not fade materials.
- Unobtrusive.
- Large choice of finishes available.
- Reduces heat emissions and heat build-up in store.
- Reduces energy bills by up to 80%.
- A number of fixings available.
- Plug & play kits available.

Technical Specifications

Electrical Connection: Plug & Play | Hard Wired (*1000mm tails as standard, can be specified*)

CCT/CRI: Refer to MR16 retrofit LED lamp data

Lumens: Refer to MR16 retrofit LED lamp data

Beam Angle: Refer to MR16 retrofit LED lamp data

Watts: 10W (*Max*)

Cap: GU5.3

Lamp: MR16 50mm (*supplied separately*)

Fixings: 6 fixing options available

Class: III

IP Rating: IP20

Protection Class: IK02

Finishes: **01** - White

02 - Black

03 - Chrome

04 - Gold

05 - Brushed Chrome

06 - Antique Brass

07 - Polished Nickel

08 - Brushed Nickel

15 - Brushed Brass

16 - Rose Gold

XXX - RAL Colours

Input Voltage: 12V AC/DC

Warranty: 3 Years

Dimming: Refer to MR16 retrofit LED lamp data

Ordering: 4 step order code

Spectrum Miniature MR16 LV Pro Spotlights



S128 Stirrup Bracket

Head Diameter: 25mm *(excluding retrofit lamp)*
Overall Height: 50mm *(excluding retrofit lamp)*
Fixing: Screw Fix
Rotation: 350 Degrees
Tilt: 180 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 *(supplied separately)*
Cap: GU5.3
Watts: 10W *(Max')*
Material/s: Brass/Steel
Cutout Diameter: Surface Mount



S221 Face Fix

Head Diameter: 50mm *(excluding retrofit lamp)*
Overall Height: 87.5mm
Fixing: 2 x No4 screws *(not supplied)*
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 *(supplied separately)*
Cap: GU5.3
Watts: 10W *(Max')*
Material/s: Brass/Steel
Cutout Diameter: 7mm



S222 Face Fix

Head Diameter: 25mm *(excluding retrofit lamp)*
Overall Height: 75mm *(excluding retrofit lamp)*
Fixing: 2 x No4 screws *(not supplied)*
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 *(supplied separately)*
Cap: GU5.3
Watts: 10W *(Max')*
Material/s: Brass/Steel
Cutout Diameter: 7mm



S225 Face Fix

Head Diameter: 25mm *(excluding retrofit lamp)*
Overall Height: 100mm *(excluding retrofit lamp)*
Fixing: 2 x No4 screws *(not supplied)*
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 *(supplied separately)*
Cap: GU5.3
Watts: 10W *(Max')*
Material/s: Brass/Steel
Cutout Diameter: 7mm

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S321 Rear Fix

Head Diameter: 50mm (*excluding retrofit lamp*)
Overall Height: 87.5mm
Fixing: M10 x 50mm Thread c/w Nut & Washer
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 (*supplied separately*)
Cap: GU5.3
Watts: 10W (*Max'*)
Material/s: Brass/Steel
Cutout Diameter: 11mm

ROSE GOLD 20th ANNIVERSARY EDITION



S322 Rear Fix

Head Diameter: 25mm (*excluding retrofit lamp*)
Overall Height: 75mm (*excluding retrofit lamp*)
Fixing: M10 x 50mm Thread c/w Nut & Washer
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 (*supplied separately*)
Cap: GU5.3
Watts: 10W (*Max'*)
Material/s: Brass/Steel
Cutout Diameter: 11mm



S421 Ceiling Plate

Head Diameter: 50mm (*excluding retrofit lamp*)
Overall Height: 112.5mm
Fixing: Screw Fix "U" Bracket (*screws not supplied*)
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 (*supplied separately*)
Cap: GU5.3
Watts: 10W (*Max'*)
Material/s: Brass/Steel
Cutout Diameter: 11mm

ROSE GOLD 20th ANNIVERSARY EDITION



S422 Face Fix

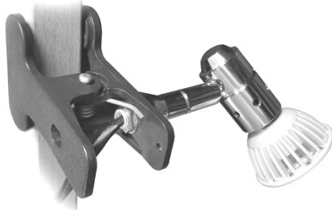
Head Diameter: 25mm (*excluding retrofit lamp*)
Overall Height: 100mm (*excluding retrofit lamp*)
Fixing: Screw Fix "U" Bracket (*screws not supplied*)
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 (*supplied separately*)
Cap: GU5.3
Watts: 10W (*Max'*)
Material/s: Brass/Steel
Cutout Diameter: 14mm

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S425 Ceiling Plate

Head Diameter: 25mm (*excluding retrofit lamp*)
Overall Height: 125mm (*excluding retrofit lamp*)
Fixing: Screw Fix "U" Bracket (*screws not supplied*)
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 (*supplied separately*)
Cap: GU5.3
Watts: 10W (*Max'*)
Material/s: Brass/Steel
Cutout Diameter: Surface Mount



S622 Bulldog Clip

Head Diameter: 25mm (*excluding retrofit lamp*)
Overall Height: 60mm (*excluding retrofit lamp*)
Fixing: Screw Fix "L" Bracket
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 (*supplied separately*)
Cap: GU5.3
Watts: 10W (*Max'*)
Material/s: Brass/Steel
Cutout Diameter: Surface Mount



S721 Shelf Fixing

Head Diameter: 25mm (*excluding retrofit lamp*)
Overall Height: 90mm (*excluding retrofit lamp*)
Fixing: M5 Plastic Set Screw
Rotation: 350 Degrees
Tilt: 90 Degrees
Mounting: Vertical or Horizontal
Finishes: See ordering information
Voltage: 12V AC/DC
Lamp: MR16 (*supplied separately*)
Cap: GU5.3
Watts: 10W (*Max'*)
Material/s: Brass/Steel
Panel Thickness:: 6mm (*Maximum*)



Spectrum Miniature MR16 LV Pro Spotlights

MR16 Retrofit LED Lamps (*Good*)



Diameter: 50mm
Cap: GU5.3
Watts: 6.5W
Voltage: 12V DC
Colour Temperature (Lumens): 207 - 3000K (450lm)
 208 - 4000K (450lm)
 209 - 6500K (450lm)
CRI: 80>
Beam Angle: 38 Degree
Dimming: No
Finish: White

MR16 Retrofit LED Lamps (*Better*)



Diameter: 50mm
Cap: GU5.3
Watts: 6.5W
Voltage: 12V DC
Colour Temperature (Lumens): MR16-M965K30 - 3000K (600lm)
 MR16-M965K40 - 4000K (600lm)
 MR16-M965K57 - 5700K (600lm)
CRI: 80>
Beam Angle: 38 Degree
Dimming: No
Finish: Silver

MR16 Retrofit LED Lamps (*Best*)



Diameter: 50mm
Cap: GU5.3
Watts: 7.5W
Voltage: 12V DC
Model - CCT | Lumens | Beam Angle: 01185 - 2700K | 390lm | 10 Degree
 01189 - 3000K | 410lm | 10 Degree
 01191 - 4000K | 430lm | 10 Degree
 01197 - 2700K | 410lm | 25 Degree
 01201 - 3000K | 435lm | 25 Degree
 01203 - 4000K | 455lm | 25 Degree
 01209 - 2700K | 410lm | 36 Degree
 01213 - 3000K | 435lm | 36 Degree
 01215 - 4000K | 455lm | 36 Degree
CRI: 95>
Dimming: Dimmable
Finish: Silver

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POWER / DIMMING*

*Dimmable Lamps Only

- 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  **DALI** Dimmable Driver (no mains lead)
- P&P/DT:** Plug & Play - Mains (TRIAC) Dimmable Driver (no mains lead)
- P&P/DX:** Plug & Play - DMX Dimmable Driver (no mains lead)

FIVE STEP ORDERING

1	2	3	4	5
MODEL	FINISH	MR16 LAMP	PER SET	POWER
S128	01	207	X1	P&P P&P/BT P&P/DA P&P/DAP P&P/DD P&P/DT P&P/DX
S221	02	208	X2	
S222	03	209	X3	
S225	04	MR16-M965K30	X4	
S321	05	MR16-M965K40	X5	
S322	06	MR16-M965K57	X6	
S421	07	01185	X7	
S422	08	01189	X8	
S622	15	01191	X9	
S721	16	01197	X10	
	XXX (RAL)	01201		
		01203		
		01209		
		01213		
		01215		

Example Order Code: S222.05.209.X2.**P&P/IO**

NOTES: