

TS Single Fix Tubelight LV Pro Luminaires



TS Single Fix Tubelight LV Pro is very high quality, cost effective low voltage cabinet & showcase lighting system that can be supplied to your exact size and specification and be combined with MR11 or 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. Make your selections from the list of options in the ordering section, this will generate an order code, the selections are:

- **Number of spotlights per Tubelight**
- **Model of spotlight i.e. MR11 or MR16**
- **Overall height**
- **Finish**
- **Bottom fixing**
- **LED lamps colour temperature**
- **Number of Tubelights per Set**
- **Driver/Dimming Option**

Technical Specifications

Overall Visible Height:	< 1000mm
Material/s:	Brass
Electrical Connection:	Plug & Play Hard Wired (<i>1000mm tails as standard, can be specified</i>)
Number of Spotlights:	1 - 4
LED Lamps:	MR11 G4 Retrofit MR16 G5.3 Retrofit
Colour Temperature/s:	Refer to retrofit LED lamp data
CRI:	Refer to retrofit LED lamp data
Beam Angle:	Refer to retrofit LED lamp data
Dimming:	Refer to retrofit LED lamp / power supply combination.
Input Voltage:	12V AC/DC
Bottom Fixing:	RF10 - Rear Fixing FF10 - Face Fixing
Class:	III
IP Rating:	IP20
Finishes:	01 - White 02 - Black 03 - Chrome 04 - Polished Brass (<i>Clear Lacquered</i>) 05 - Brushed Chrome 06 - Antique Brass (<i>Clear Lacquered</i>) 07 - Polished Nickel 08 - Brushed Nickel 15 - Brushed Brass (<i>Clear Lacquered</i>) 16 - Copper (<i>Clear Lacquered</i>) XXX - RAL Colours
Tube Diameter:	9.6mm (<i>Round</i>)
Warranty:	5 Years
Ordering:	9 step order code (<i>see page 3</i>)

TS Single Fix Tubelight LV Pro Luminaires

S111 Spotlights



Head Diameter: 40mm
Wattage: 4W (Maximum)
Operation: 12V AC/DC
Lamp: MR11 Retrofit
Cap: GU4
Rotation: 350 Degrees
Tilt: 90 Degrees
Material: Brass

S112 Spotlights



Head Diameter: 25.4mm (excluding retrofit LED lamp)
Wattage: 4W (Maximum)
Operation: 12V AC/DC
Lamp: MR11 Retrofit
Cap: GU4
Rotation: 350 Degrees
Tilt: 90 Degrees
Material: Brass

S121 Spotlights



Head Diameter: 50mm
Wattage: 7.5W (Maximum)
Operation: 12V AC/DC
Lamp: MR16 Retrofit
Cap: GU5.3
Rotation: 350 Degrees
Tilt: 90 Degrees
Material: Brass

S122 Spotlights

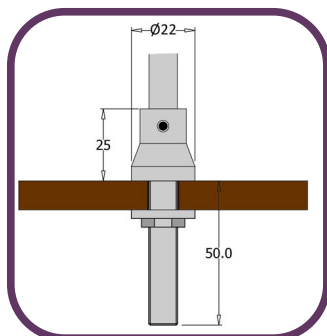


Head Diameter: 25.4mm (excluding retrofit LED lamp)
Wattage: 7.5W (Maximum)
Operation: 12V AC/DC
Lamp: MR16 Retrofit
Cap: GU5.3
Rotation: 350 Degrees
Tilt: 90 Degrees
Material: Brass



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RF10 - Rear Fixing



Diameter: 22mm

Thread: M10 x 1mm (*Metric Fine*)

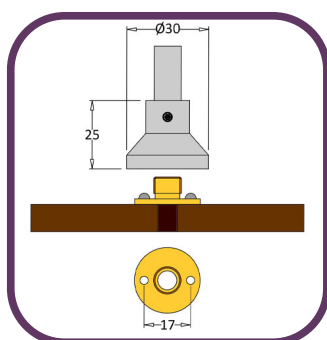
Thread Length: 50mm (*removeable - other lengths available*)

Material: Brass

Hole Diameter: 11mm - 12mm

Panel Thickness: 2mm - 45mm (*max*)

FF10 - Face Fixing



Diameter: 30mm

Fixing Hole Centres: 17mm

Fixing Screws: 2 x No4 (*not supplied*)

Material: Brass

Hole Diameter: 7mm



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MR11 Retrofit LED Lamps



Diameter: 35mm
Cap: GU4
Watts: 3W
Voltage: 12V DC
Colour Temperature (Lumens): **DL142630** - 2800K (230lm)
DL142632 - 4000K (230lm)
CRI: 80>
Beam Angle: 36 Degree
Dimming: N/A

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



TD Dual Fix Tubelight LV Pro Luminaires

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)

SEVEN STEP ORDERING

	1	2	3	4	5	6	7
MODEL	No of SPOTS	SPOT MODEL	VISIBLE HEIGHT	FIXING	FINISH	PER SET	POWER
TS	1	S111	<1000mm	RF10 FF10	01	X1	P&P P&P/BT P&P/DA P&P/DAP P&P/DD P&P/DT P&P/DX
	2	S112			02	X2	
	3	S121			03	X3	
	4	S122			04	X4	
					05		
					06		
					07		
					08		
					15		
					16		
					XXX (RAL)		

Example Order Code: TS3.S112.500.RF10.02.X4.**P&P**

NOTES: