

TD Dual Fix Tubelight LV Pro Luminaires



TD Dual 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**
- **Shelf supports**
- **Finish**
- **Top fixing**
- **Bottom fixing**
- **LED lamps colour temperature**
- **Number of Tubelights per Set**
- **Driver/Dimming Option**

Technical Specifications

Overall Visible Height:	< 2000mm
Material/s:	Brass
Electrical Connection:	Plug & Play Hard Wired (1000mm tails as standard, can be specified)
Number of Spotlights:	1 - 4
LED Lamps:	MR11 GU4 Retrofit MR16 GU5.3 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
Shelf Supports:	SP10 - Shelf Peg SH10 - Shelf Holder
Top Fixings:	GF10 - Glass Fixer (no cable exit) RF10 - Rear Fixing
Bottom Fixing:	RF10 - Rear Fixing
Class:	III
IP Rating:	IP20
Finishes:	01 - White 02 - Black 03 - Chrome 04 - Polished Brass (Clear Lacquered) 05 - Brushed Chrome 06 - Antique Brass (Clear Lacquered) 07 - Polished Nickel 08 - Brushed Nickel 15 - Brushed Brass (Clear Lacquered) 16 - Copper (Clear Lacquered) XXX - RAL Colours
Tube Diameter:	9.6mm (Round)
Warranty:	5 Years
Ordering:	9 step order code (see page 3)

TD Dual 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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SP10 - Shelf Pegs (*non slip rubber ring*)



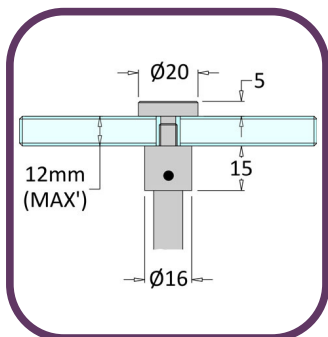
Diameter: 12mm
Protruding Length: 23mm
Material: Brass
Maximum Weight: 3 Kg

SH10 - Shelf Holders



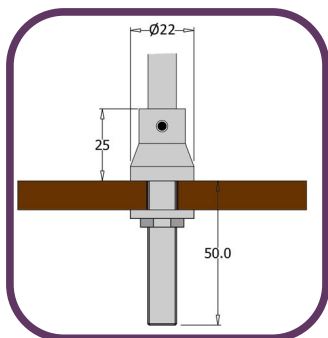
Diameter: 19mm
Protruding Length: 16mm
Material: Brass
Shelf Thickness: 6mm (*Maximum*)
Maximum Weight: 3 Kg

GF10 - TD Tubelight Top Fixing (*no cable outlet*)



Cap Diameter: 20mm
Collar Diameter: 16mm
Thread: M5
Material: Brass
Hole Diameter: 6 - 8mm
Glass/Panel Thickness: 2mm - 12mm (*max*)

RF10 - TD Tubelight Top & Bottom 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*)

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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



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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)

TEN STEP ORDERING

	1	2	3	4	6	8	9	10
MODEL	No of SPOTS	SPOT MODEL	VISIBLE HEIGHT	SHELF SUPPORT	TOP FIXING	FINISH	PER SET	POWER
TD	1	S111	<2000mm	SP10	GF10	01	X1	P&P P&P/BT P&P/DA P&P/DAP P&P/DD P&P/DT P&P/DX
	2	S112		SH10	RF10	02	X2	
	3	S121				03	X3	
	4	S122				04	X4	
				5	7	05		
						06		
				No of SUPPORTS	BOTTOM FIXING	07		
						08		
				X0	RF10	15		
				X1		16		
				X2		XXX (RAL)		
				X3				
				X4				

Example Order Code: TD4.S112.1500.SP10X2.GF10.RF10.03.X2.**P&P**

NOTES: