

MINITULIP LED Spotlights



MINITULIP Miniature LED Spotlights

from Display Lighting Ltd incorporate innovative single high power spotlights carefully constructed into a high quality, ultra miniature flower bud design.

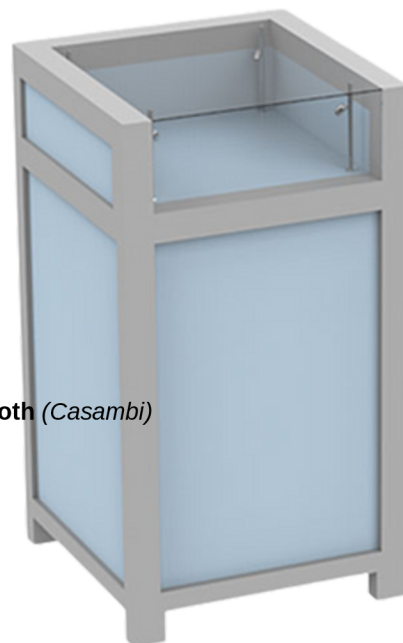
The spotlights are manufactured as single LED modules that plug together to create easy to assemble posts with up to four LEDs.

MINITULIP spotlights are available in high quality polished chrome and polished gold plated finishes and the unique design of the spots ensure efficient heat dissipation.

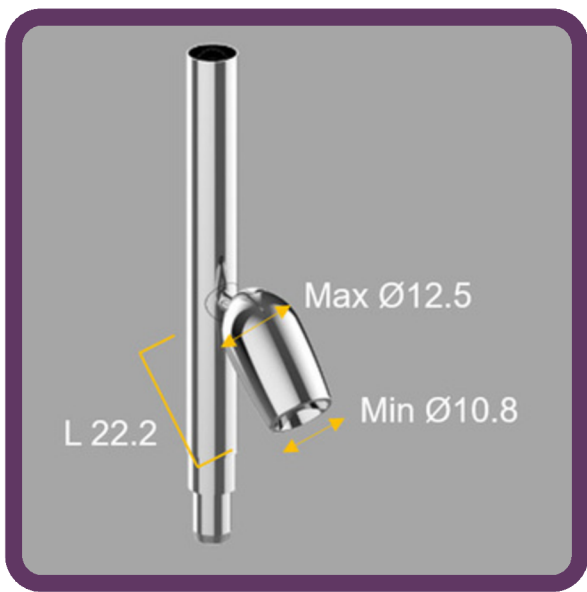
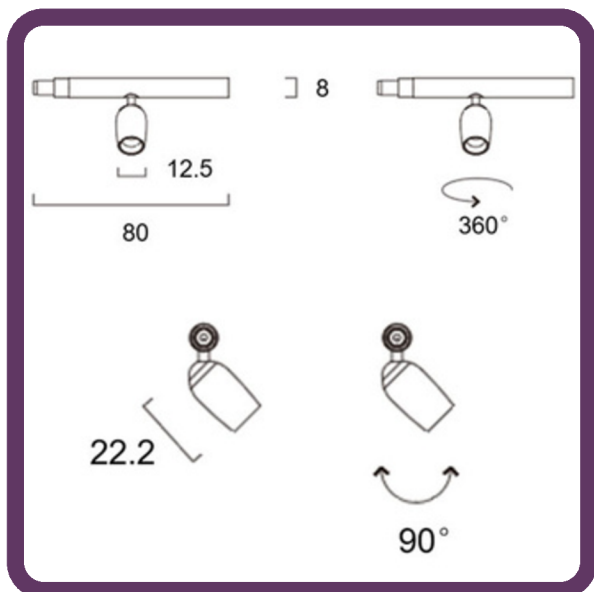
- Integrated LEDs.
- 25 degree lens for museum and retail showcases.
- Low heat illumination.
- No ultraviolet light so does not fade materials.
- Unobtrusive.
- Reduces heat emissions and heat build-up in store.
- Reduces energy bills by up to 80%.
- Dimmable.

Technical Specifications

Tube Diameter:	8mm
Visible Height:	245mm (2 x 1W pluggable LED Modules)
Material/s:	Aluminium
Electrical Connection:	Plug & Play Hard Wired (1000mm tails as standard, can be specified)
CCT:	WW - 3000K NW - 4000K
Lumens (Efficacy)	
3000K:	67lm/W
4000K:	72lm/W
Watts:	1W per Module (integrated non-user replaceable LEDs)
Power Factor:	1
Chromaticity:	3SDCM
Fixing:	M12 x 33mm Thread
CRI Rating:	Ra90
Class:	III
IP Rating:	IP20
Tilt:	45 Degrees (from Vertical)
Rotation:	350 Degrees
Finishes:	03 - Polished Chrome 04 - Polished Gold
Input Voltage:	350mA (constant current)
Beam Angle:	25 Degrees
Warranty:	5 Years
Dimming:	ON/OFF 1-10V TRIAC DALI DMX Bluetooth (Casambi)
Cut Out Diameter:	12mm
Mounting:	Vertical
Lead Length:	1000mm
Weight:	79g
Operating Temperature:	-20 Degrees C - +35 Degrees C
Maximum Panel Thickness:	25mm
Ordering:	4 step order code (see page 2)



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POWER & DIMMING OPTIONS

- P&P:** Plug & Play - Standard On/Off Driver (2m mains lead & UK plug)
P&P/OO: Plug & Play - Standard On/Off Driver (No mains lead)
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)
X: Driver or Dimmer not required (not recommended)

FOUR STEP ORDERING

	1	2	3	4
MODEL	CCT	FINISH	SPOTLIGHTS PER SET	POWER
MINITULIP	WW NW	03 04	X1 X2 X3 X4	P&P P&P/OO P&P/BT P&P/DA P&P/DAP P&P/DD P&P/DT X

Example Order Code: MINITULIP.NW.03.X2.P&P

