

DLED 12V Gantry Luminares (Battery Operated)



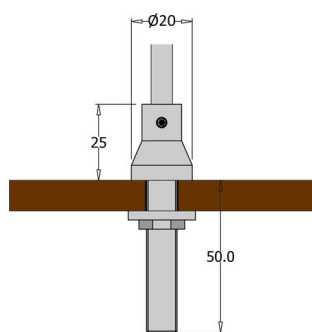
DLED 12V Gantry Luminares have been designed to be integrated into glass display cases and counters and operated from remote lithium polymer batteries when there is limited access to mains power. Giving a uniform high output illumination to your displays and eradicating inherent shadows and making your displays sparkle. The circular horizontal LED profile produces a powerful even wash of light and is available with seven different colour temperatures (CCT) to ensure your products are illuminated to their full potential.

- Lithium battery operated.
- 120 LEDs/m.
- Adds 'sparkle' to jewellery, watches and glass.
- Low heat illumination.
- No ultraviolet light so does not fade materials.
- Uniform shadow-free illumination.
- Unobtrusive.
- Bespoke/Made to measure product.
- Reduces heat emissions and heat build-up in store..

Technical Specifications

Width:	<2500mm (measured to fixing centres)
Height:	<1000mm (visible height)
Material/s:	Aluminium/Brass
Electrical Connection:	Plug & Play Hard Wired (1000mm tails as standard, can be specified)
CCT (Lumens per Metre LED):	WW - 3000K (742lm/m 3014SMD) NW - 4000K (957lm/m 3014SMD) CW - 5000K (1012lm/m 3014SMD) DW - 6000K (920lm/m 3014SMD)
Watts per Metre:	9.6W
Fixings:	5 fixing options available (see page 2)
CRI Rating:	CRI90>
Class:	III
IP Rating:	IP20
Adjustment:	LED profile can be rotated and fixed in position
Finishes:	01 - White 02 - Black 03 - Chrome 04 - Gold 05 - Brushed Chrome XXX - RAL Colours
LEDs per Metre:	120
Horizontal LED Profile Diameter:	15mm
Tube Support Diameter:	6.50mm
Input Voltage:	12VDC (Battery Operated)
Beam Angle:	60 Degrees
Warranty:	5 Years
Diffusers:	W - White (50% Opacity) F - Frosted (20% Opacity) C - Clear
Ordering:	8 step order code (see page 3)

DLED 12V Gantry Luminares (Battery Operated)



RF Rear Fixing

Diameter: 20mm

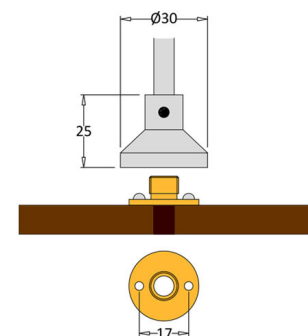
Height: 25mm

Fixing: M10 x 50mm Metric Fine Thread with Nut & Washer

Cutout Diameter: 11mm

Material: Brass

Mounting: Vertical or Horizontal



FF Face Fixing (*Hidden Bezel*)

Diameter: 30mm

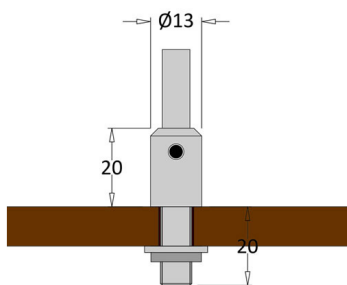
Height: 25mm

Fixing: Screw Fix

Cutout Diameter: 7mm

Material: Brass

Mounting: Vertical or Horizontal



RFS Small Rear Fixing

Diameter: 20mm

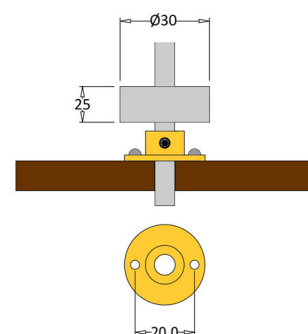
Height: 25mm

Fixing: M8 x 20mm Metric Fine Thread with Nut & Washer

Cutout Diameter: 9mm

Material: Brass

Mounting: Vertical or Horizontal



HF Hidden Fixing (*Floating Cover*)

Diameter: 30mm

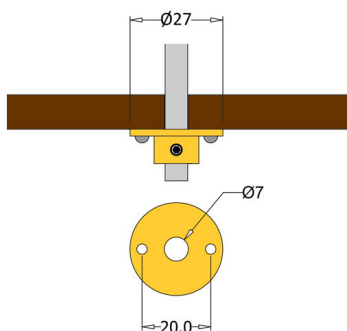
Height: 25mm

Fixing: Screw Fix

Cutout Diameter: 7mm

Material: Brass

Mounting: Vertical



HFB Hidden Fixing Bezel

Diameter: 27mm

Height: 12mm

Fixing: Screw Fix (*Underside*)

Cutout Diameter: 7mm

Material: Brass

Mounting: Vertical or Horizontal

DLED 12V Gantry Luminaires (Battery Operated)

LITHIUM BATTERY OPTIONS

DLT2541 4aH Lithium Polymer Battery c/w Neoprene Case & 1.65A Mains Charger

DLT2544 8aH Lithium Polymer Battery c/w Neoprene Case & 1.65A Mains Charger

DLT2545 10aH Lithium Polymer Battery c/w Neoprene Case & 1.65A Mains Charger

DLT2546 14aH Lithium Polymer Battery c/w Neoprene Case & 1.65A Mains Charger

DLT2548 22aH Lithium Polymer Battery c/w Neoprene Case & 1.65A Mains Charger

How to calculate battery life based on running 1 x 1000mm DLED 12V Gantry from all Lithium Battery models:

1. $9.6W \text{ (Watts)} / 12 \text{ (Volts)} = 0.8 \text{ (Amps)}$

2. **Battery Capacity** (i.e 4, 8, 10, 14, 22) / 0.8 = **Approximate Life Expectancy (Hours)**

4aH = 5 Hours | 8aH = 10 Hours | 10aH = 12.5 Hours | 14aH = 17.5 Hours | 22aH = 27.5 Hours

Recharge time for each battery model:

- DLT2541 (4aH) = 4 - 6 Hours
- DLT2544 (8aH) = 8 - 12 Hours
- DLT2545 (10aH) = 9 - 14 Hours
- DLT2546 (14aH) = 10 - 16 Hours
- DLT2548 (22aH) = 14 - 20 Hours

Additional 3A Fast Charger available for 8aH, 10aH, 14aH & 22aH batteries (cuts charge time by half): **DLTR8138**

EIGHT STEP ORDERING

1	2	3	4	5	6	7	8
MODEL	WIDTH	CCT	HEIGHT	DIFFUSER	FIXING	FINISH	BATTERY
DLED/12	< 2500mm (9.6W/m)	WW NW CW DW	< 1000mm	W F C	RF FF RFS HF HFB	01 02 03 04 05 XXX (RAL)	DLT2541 DLT2544 DLT2545 DLT2546 DLT2548

Example Order Code: **DLED/12.500.WW.250.O.FF.02.DLT2548**

NOTES: