

Quantum III Q174 LED Pro Spotlights



Quantum III is a triple LED spotlight giving your displays a powerful spotlight of illumination. Quantum III can be ordered with a mixture of warm, neutral and cool white LEDs for the perfect illumination of displays with varying mixtures of gold, silver and diamond jewellery.

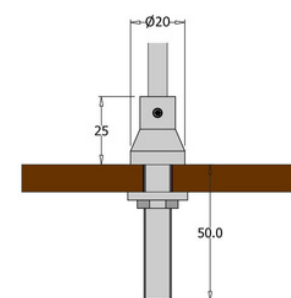
Display Lighting can also supply Quantum III LED spotlights wired as a plug and play system that can be stand alone or supplied with 1-10V, Triac, DALI and now Bluetooth enabled control is available so that the spotlights can be switched and dimmed from your smart phone or tablet using OS or Android.

- Integrated LEDs.
- Specialised focused lighting for museum and retail showcases.
- Low heat illumination.
- No ultraviolet light so does not fade materials.

Technical Specifications

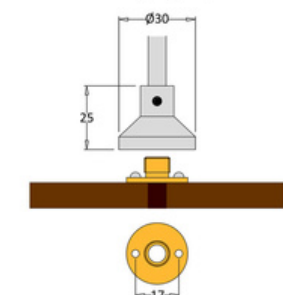
Head Diameter:	54mm
Height:	<1000mm (visible height)
Material/s:	Aluminium/Brass
Electrical Connection:	Plug & Play Hard Wired (1000mm tails as standard, can be specified)
CCT (Lumens):	VWW - 2700K (315lm) WW - 3000K (315lm) NW - 4000K (432m) CW - 5000K (450lm) TW - 3000K / 4000K / 5000K
Watts:	3 x 1W (integrated non-user replaceable LED)
UV:	0.2 microwatts/m2
Fixings:	6 fixing options available (see page 2)
CRI Rating:	CRI90>
Class:	III
IP Rating:	IP20
Rotation Tilt:	350 Degrees 90 Degrees
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
Tube Support Diameter:	6.50mm
Input Voltage:	350mA (constant current 9.6Vf)
Beam Angles:	10 25 40 60 Degrees
Warranty:	5 Years
Dimming:	(ON/OFF 1-10V TRIAC DALI DMX Bluetooth (Casambi)
Ordering:	7 step order code (see page 3)

Quantum III Q174 LED Pro Spotlights



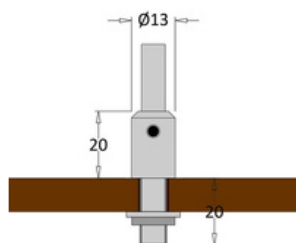
RF Rear Fixing

Diameter:	20mm
Height:	25mm
Fixing:	M10 x 50mm Metric Fine Thread with Nut & Washer
Cutout Diameter:	11mm
Material:	Brass
Mounting:	Vertical or Horizontal



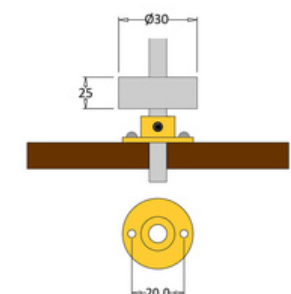
FF Face Fixing (*Hidden Bezel*)

Diameter:	30mm
Height:	25mm
Fixing:	Screw Fix
Cutout Diameter:	7mm
Material:	Brass
Mounting:	Vertical or Horizontal



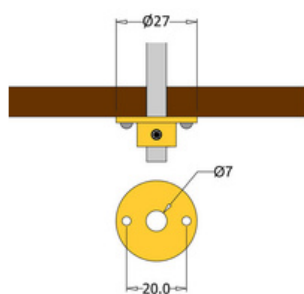
RFS Small Rear Fixing

Diameter:	20mm
Height:	25mm
Fixing:	M8 x 20mm Metric Fine Thread with Nut & Washer
Cutout Diameter:	9mm
Material:	Brass
Mounting:	Vertical or Horizontal



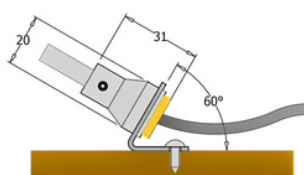
HF Hidden Fixing (*Floating Cover*)

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 (<i>Underside</i>)
Cutout Diameter:	7mm
Material:	Brass
Mounting:	Vertical or Horizontal



SM 60 Degree Surface Mount Bracket

Width:	25mm
Height:	26mm
Fixing:	Screw Fix
Cutout Diameter:	N/A
Material:	1.5mm Steel
Mounting:	Vertical or Horizontal

Quantum III Q174 LED Pro Spotlights

POWER & DIMMING OPTIONS

- 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 -  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)

SEVEN STEP ORDERING

	1	2	3	4	5	6	7
MODEL	HEIGHT	CCT	FIXING	BEAM ANGLE	FINISH	PER SET	POWER
Q174	< 1000mm	CW NW WW TW	RF FF RFS HF HFB SM	10 25 40 60	01 02 03 04 05 06 07 08 15 16 XXX (RAL)	X1 X2 X3 X4	P&P P&P/BT P&P/DA P&P/DAP P&P/DD P&P/DT X

Example Order Code: S174.350.CW.FF.40.05.X2.P&P/DAP

NOTES:

