

# Quantum III LED

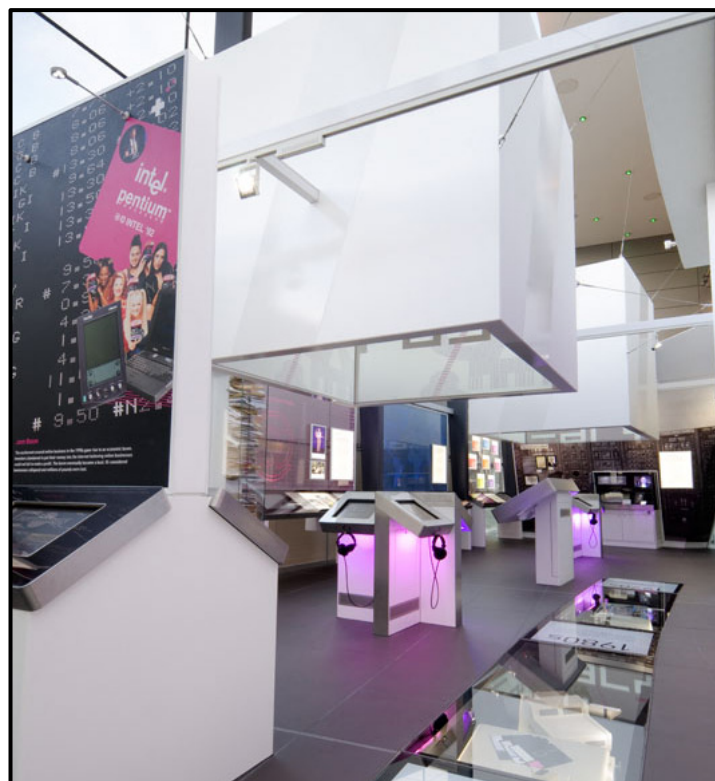
Quality retail showcase lighting systems

## DATA SHEET

DOC077

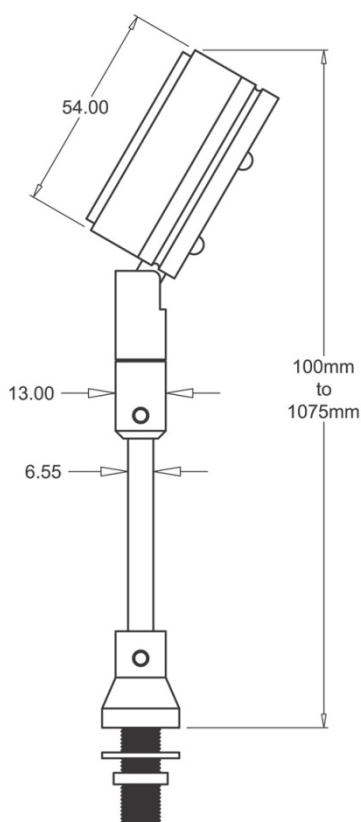
### Q174 | Q172

Type: Tube Mount Single Fix LED Spotlights



Specialist Counter & Showcase Lighting Systems

### Q174



**Overall Height:** 100mm – 1075mm

**Head Diameter:** Ø54mm

**Wattage:** 4.5W (3 x 1.5W)

**Input Voltage:** 350mA Constant Current  
(See Recommended Drivers below)

**Beam Angle:** 45°

**Lumens @350mA:** 330lm – 360lm

**Finishes:** See Ordering below

**Colour Temperature/s:** See Ordering below

**Tube Diameter:** Ø6.55mm

**Mount:** Vertical / Horizontal

**Material:** Brass/Aluminium

**Rotation:** 350°

**Fixing:** See Fixings below

**Adjustment:** 90°

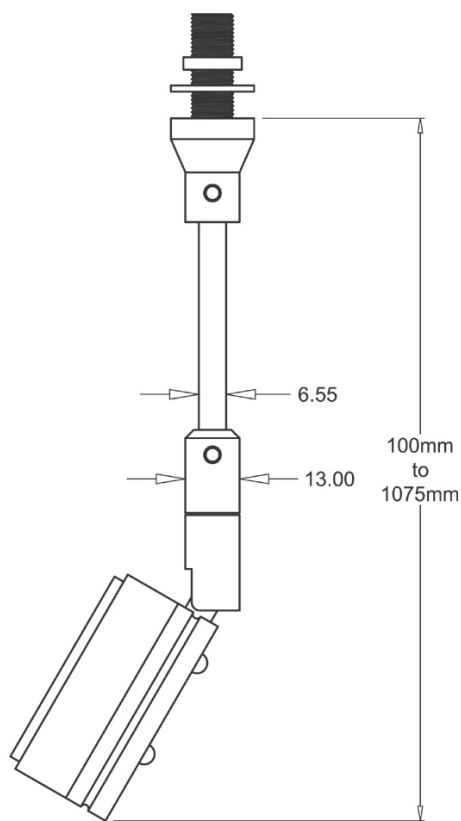
**Life Expectancy:** 30'000 Hours \*

**Ta:** 25°

**Tc:** 48°

## DATA SHEET

### Q172



<b>Overall Height:</b>	100mm – 1075mm
<b>Head Diameter:</b>	Ø54mm
<b>Wattage:</b>	4.5W (3 x 1.5W)
<b>Input Voltage:</b>	350mA Constant Current (See Recommended Drivers below)
<b>Beam Angle:</b>	45°
<b>Lumens @350mA:</b>	330lm – 360lm
<b>Finishes:</b>	See Ordering below
<b>Colour Temperature/s:</b>	See Ordering below
<b>Tube Diameter:</b>	Ø6.55mm
<b>Mount:</b>	Vertical / Horizontal
<b>Material:</b>	Brass/Aluminium
<b>Rotation:</b>	350°
<b>Fixing:</b>	See Fixings Options below
<b>Adjustment:</b>	90°
<b>Life Expectancy:</b>	30'000 Hours *
<b>Ta:</b>	25°
<b>Tc:</b>	48°

**Standards:** BS4533: SECTION 102.1:1990/EN 60598-2-1:1989 WITH BS EN 60598-1:2008 Incorp CENELEC AMD A11

### Fixing Options

#### RF Rear Fix



<b>Diameter</b>	20mm
<b>Height</b>	25mm
<b>Fixing</b>	M10 x 50mm Thread*
<b>Cut Out</b>	Ø 11mm
<b>Material</b>	Brass
<b>Mounting</b>	Vertical / Horizontal

#### FF Face Fix



<b>Diameter</b>	30mm
<b>Height</b>	25mm
<b>Fixing</b>	Surface Fix
<b>Cut Out</b>	Ø 7mm
<b>Material</b>	Brass
<b>Mount</b>	Vertical / Horizontal

*\*Other thread lengths available to order, please speak to a member of the Display Lighting sales team.*

#### CP Ceiling Plate



<b>Diameter</b>	54mm
<b>Height</b>	20mm
<b>Fixing</b>	Surface Fix
<b>Cut Out</b>	N/A
<b>Material</b>	Steel/Brass
<b>Mounting</b>	Vertical / Horizontal

#### HF Hidden Fixing



<b>Diameter</b>	30mm
<b>Height</b>	12mm
<b>Fixing</b>	Surface Fix
<b>Cut Out</b>	Ø 7mm
<b>Material</b>	Brass
<b>Mounting</b>	Vertical Only

## DATA SHEET

### Recommended LED Drivers

*Luminaires are not guaranteed unless operated with LED driver supplied by Display Lighting Ltd*

Model Number	Input Voltage	Output Current	Wattage
LED/350-6.L	120V – 240V	350mA	6W (1 x Quantum III LED Spotlight)
LED/350-12.L	85V – 277V	350mA	12W Max (2 x Quantum III LED Spotlights)
LED/350-18.L	100V – 277V	350mA	18W Max (4 x Quantum III LED Spotlights)
L05011i2	180V – 240V	350mA/500mA/700mA/1200mA 1 – 10V or Pulse Dimming	20W Max (4 x Quantum III LED Spotlights)

*Constant Current power supplies must be wired in series in accordance with data sheet accompanying the product*

### Ordering

Example code: **Q174.CW.300.FF.03**

Type	Colour Temperature	Height	Fixing	Finish
Q174	CCW 1 x Cool, 2 x Warm White	100mm to 1075mm	RF	01 White
Q172	CNWW 1 x Cool, 1 x Neutral, 1 x Warm White		FF	02 Black
	CW Cool White		CP	03 Chrome
	CWW 1 x Cool, 2 x Warm White		HF	04 Polished Brass
	NW Natural White			05 Brushed Chrome
	WW Warm White			

All Quantum III LED luminaires are manufactured and supplied with 1m flying leads as standard, other lengths are available to order.