

**GU10 PAR16 6.5W (50W) 2700K 360lm Dimmable-Lamp***Quick Order Code: 28-37-61 / Page: 1*

As LED products produced using new technologies are used with old dimmer technology, achieving effective and smooth dimming can be challenging. For this dimmable lamp we have tested, and recommend, the dimmer detailed in the specification below.

This premium 6.5W retro-fit Integral LED GU10 delivers a dimmable, warm light and brightness, similar to a 50W halogen bulb. It features six high output Nichia LEDs, an anti-glare refractor, all finished in a diecast aluminium, thermally efficient body. The ideal lamp for commercial and home use.

**Product Details**

Partcode: ILGU106.5D27KJDNA

Quick Order Code: 28-37-61

Range Name: Pavo

Placement / Application: Indoor, General Lighting

Market Segment: Commercial indoor, Residential indoor

Product Type: GU10

Warranty: 5 Years

CE / RoHS: Yes

**Physical Data**

Lamp Base: GU10 PAR16

Base Type: GU10

Base Colour: Matt white

Globe Finish: Clear

Spot Type: High Power Six LED

Optic: Refractor Cover for enhanced light distribution

Material: Aluminium, Plastic and Polycarbonate

Construction: Die cast heat-sink, Injection moulded diffuser, Driver compartment filled with Potting Compound

**Physical Data**

Length: 57mm

Width: 50mm

Weight (Unpackaged Single Unit): 75g

Lamp or Luminaire Shape: Round

Lamp Fixing: Downlight

**Electrical Data**

Voltage Range: 220-240V

Power Consumption: 6.5 Watts

Driver included: Yes

Driver IC Manufacturer: iWATT

Electric Current: AC

Ampage: 40.00mA

Frequency Range: 50 Hz

Power Factor:  $\geq 0.50$

Wattage Equivalent: 50 Watts

Dimming: Dimmable with compatible dimmers

Compatible Dimmer(s): Varilight JQP401W

LVD Certified: Yes

EN: EN-62560

**Light Data**

Useful Lumens: 330lm (Rated luminous flux in a 90° cone)

Lumens: 360lm

Lumens per Watt: 55.4lm/W

Peak Intensity: 800Cd

Beam Angle: 35°

Correlated Colour Temperature (CCT): 2,700k

Colour Temperature: Warm

Colour Rendering Index (CRI):  $\geq 80$

LED Manufacturer: Nichia

LED Type: Surface mounted device (SMD)

Instant on - Less than 1 second: Yes

Lifetime: 25,000 hrs

Switching Cycles:  $>12,500$  X

### Environmental

Energy Rating: A

Lowest Operating Temperature: -20 degrees

Maximum Operating Temperature: 40 degrees

IP (Ingress Protection) Rating: IP20

Hg 0% (Mercury Free): Yes

### Packaging



EAN Barcode (unit of 1): 5055788203933

Packaged Weight (Unit of 1): 82g

Length (unit of 1): 60mm

Width (unit of 1): 50mm

Depth (unit of 1): 50mm

**Outer packaging info available on website**

*Product data last updated on: Tuesday, September 23, 2014 - 15:28*