PAR20 7.5W (77W) 3000K 620lm Dimmable Lamp



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 7.5W retrofit Integral LED PAR lamp delivers brightness similar to a 77W halogen lamp, in warm white colour temperature. It features 620lm Nominal Lumen output (590 Useful Lumens), CRI >80 and 8 high-performance multi LEDs. With a narrow 36 degree beam angle, it provides ideal object lighting for food in restaurants, artwork in galleries and any retail environment.

Product Details

Partcode: ILPAR20DD001

Check Code: 575374

Range Name: Aldebran

Placement / Application: Indoor, General Lighting

Product Type: PAR

Warranty: 3 Years

CE / RoHS: Yes

Physical Data

Lamp Base: E27

Base Type: Edison screw

Base Colour: Black

Globe Type: PAR20

Globe Finish: Clear

Product Finish: Silver

Spot Type: High Power Eight LED

Optic: Refractor Cover for enhanced light distribution

Material: Aluminium, Plastic

Construction: Plastic and Aluminium heat-sink, Injection moulded diffuser

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Physical Data

Length: 93mm

Diameter: 63mm

Weight (Unpackaged Single Unit): 165g

Lamp Fixing: Downlight

Electrical Data

Voltage Range: 220-240V

Power Consumption: 7.5 Watts

Driver included: Yes

Driver IC Manufacturer: iWATT

Electric Current: AC

Ampage: 42.00mA

Frequency Range: 50 Hz

Power Factor: >=0.70

Wattage Equivalent: 77 Watts

Dimming: Dimmable with compatible dimmers

Compatible Dimmer(s): Varilight JQP401W

LVD Certified: Yes

EN: EN-62560

Light Data

Useful Lumens: 590lm (Rated luminous flux in a 90° cone)

Lumens: 620lm

Lumens per Watt: 83.0lm/W

Peak Intensity: 1,600Cd

Beam Angle: 36º

Correlated Colour Temperature (CCT): 3,000k

Colour Temperature: Warm White

Colour Rendering Index (CRI): >=80

LED Type: Surface mounted device (SMD)

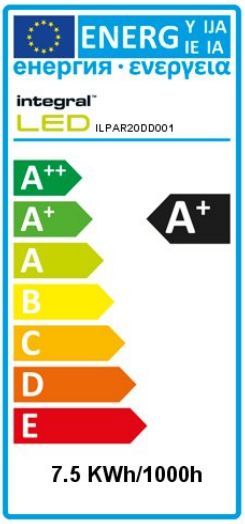
Instant on - Less than 1 second: Yes

Lifetime: 25,000 hrs

Switching Cycles: >12,500 X

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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): 5055788209256

Packaged Weight (Unit of 1): 200g

Length (unit of 1): 68mm

Width (unit of 1): 68mm

Depth (unit of 1): 115mm

Outer packaging info available on website

Product data last updated on: Friday, September 29, 2017 - 17:32

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