

Product code: 477408 EAN: 5907777477408

LED line® downlight 15W 1500lm 4000K QUANTUM



Product description

The product stands out with its modern design and simple, concealed mounting. Its main advantages are: simplicity, elegance and innovativeness.

The product's housing is made of Aluminium, and its outer lens is made of polycarbonate, which entails good mechanical strength. A five-year manufacturer's warranty is provided for the product.

The product's supply voltage range is: AC 220-240 50/60 Hz.

QUANTUM has: 15 W. The product's colour temperature is 4000 K. The product features four mounting diameters.

The cutting-edge FLICKER FREE technology ensures no light flickering that is harmful to the eyes. Glare rate level: UGR<19. Lighting angle: 60 ° deg. It enables optimal lighting of a chosen spot in a room.

Colour rendering index: Ra ≥ 85.

The diode type used in the product is COB Bridgelux. The product's diode has over 50000 of durability. Power Factor: PF > 0,7. Number of on/off cycles: 50000.

Luminous efficiency: 100 lm/w. The generated light beam 1500 lm.

The product operates in temperatures ranging from temperatur -5 /+40 °C. It's suited for interior applications.



Voltage range and voltage type



IK protection rating



Material (housing)



Power Factor



IEC protection class



LED type



Lamp's diameter



Mounting hole diameter



Beam angle



Material (cover)



Lifespan



Number of on/off cycles



Ambient temperature suitable for operation



LED quantity



Installation method

| Name of the parameter | Value |
|--|---------------------|
| Luminous flux | 1500 lm |
| Wattage | 15 W |
| Luminous efficacy | 100 lm/W |
| Colour rendering index Ra | 85 |
| Energy class | A+ / F |
| Colour | White |
| Lamp's warm-up time to 60% | 1 |
| Supply voltage range and voltage type | AC 220-240 50/60 Hz |
| Beam angle | 60 ° |
| IK protection rating | 03 |
| Material (cover) | polycarbonate |
| Material (housing) | Aluminium |
| Lifespan | 50000 |
| Power Factor | 0.7 |
| Number of on/off cycles | 50000 |
| Height | 33 mm |
| IEC protection class | II |
| Ambient temperature suitable for operation | -5 / +40 °C |
| For indoor use | YES |
| Colour consistency in McAdam ellipses | ≤3 |
| Warranty (years) | 5 |
| Flicker Free | YES |
| Led size | 158x158 |
| Wire length | 150 mm |
| Wiring types | 2-wire |
| Single wire thickness | 0.75 mm2 |
| Storage temperature | -25/+45 |
| Weight | 260 g |
| Type of cable | Double insulated |
| Output current | 0.35 A |
| Dimmer compatibility | NO |
| Stroboscopic effect metric SVM | 0.4 |
| Material of reflector | PolyCarbonate |
| Materials (other) | Metal |
| IP Rating | 20 |
| Correlated colour temperature | 4000 K |
| LED type | COB |
| LED quantity | 1 |

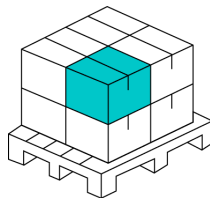
| Name of the parameter | Value |
|--|---------------------------|
| Lamp's diameter | — |
| Installation method | recessed |
| Driver Brand | Lifud |
| Controller output voltage range | 25 - 42 |
| Mounting hole diameter | 105 mm |
| LED manufacturer | Bridgelux |
| UGR rating | UGR<19 |
| Date of first placement on the market | 2021-10-15 |
| Angle for useful luminous flux (EPREL) | Narrow cone of 90 degrees |
| Is the product equipped with an integrated light source? (EPREL) | No |
| Total luminous flux (EPREL) | 1500 |
| Is this product a light source? (EPREL) | Yes |
| Beam angle in degrees (EPREL) | 60 |
| On-mode power P _{on} (EPREL) | 15 |
| Networked standby power P _{net} (EPREL) | 0 |
| Lifetime L70B50 | 50000 |
| The lumen maintenance factor | 96 |
| Connected light source (EPREL) | No |
| Useful luminous flux Φ _{use} (EPREL) | 1350 |
| Non-directional or directional light source (EPREL) | DLS |
| Mains or non- mains light source (EPREL) | MLS |
| Colour-tunable light source (EPREL) | No |
| Chromaticity coordinates x i y (EPREL) | 0.38 0.377 |
| Dimmable function | No |
| Peak luminous intensity (EPREL) | 2085 cd |
| R9 colour rendering index value (EPREL) | 11 |
| Survival factor | 0.9 |
| Flicker metric P _{stLM} | 1 |
| Standby power P _{sb} | 0 |
| EPREL ID | 778674 |
| Form of the product (EPREL) | — |
| Energy efficiency class 2019/2015 | F |
| Colour consistency in McAdam ellipses | ≤3 |
| Displacement factor Df | 0.7 |
| Contain icon | — |

Pre-packaging



| | |
|-------------|-------------|
| Type | |
| Width [mm] | 60 |
| Height [mm] | 135 |
| Length [mm] | 125 |
| Weight [kg] | 0,04 |

Cumulative packaging



| | |
|--------------------|------------------|
| Number of pieces | 40 |
| Width [mm] | 290 |
| Height [mm] | 215 |
| Length [mm] | 490 |
| Weight [kg] | 14,5 |
| Volume [m3] | 0,052 |
| Type of carton box | Cardboard |