

Product code: 477422 EAN: 5907777477422

LED line® downlight 40W 4000lm 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: 40 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 > 0,9. Number of on/off cycles: 50000.

Luminous efficiency: 100 lm/w. The generated light beam 4000 lm.

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



Voltage range and voltage type

220-240 50/60

Material (cover)

polycarbonate

LED type

COB

IK protection rating

IK 03

Power Factor

PF 0,9

Ambient temperature suitable for operation

MAX -5 /+40

IEC protection class

II

Mounting hole diameter

200 mm



Beam angle

60 °

Material (housing)

Aluminium

LED quantity

1

Lifespan

50000 h

L70B50

Number of on/off cycles

ON OFF 50000

Installation method

recessed

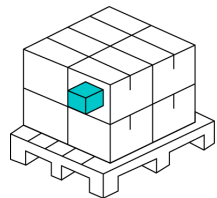
Lamp's diameter

mm

Name of the parameter	Value
Energy class	A+ / F
Driver Brand	Lifud
Correlated colour temperature	4000 K
Luminous efficacy	100 lm/W
Flicker Free	YES
Luminous flux	4000 lm
Supply voltage range and voltage type	AC 220-240 50/60 Hz
Wattage	40 W
Colour rendering index Ra	85
Warranty (years)	5
Colour	White
Beam angle	60 °
Material (cover)	polycarbonate
Material (housing)	Aluminium
LED type	COB
LED quantity	1
IK protection rating	03
Lifespan	50000
Power Factor	0.9
Number of on/off cycles	50000
Ambient temperature suitable for operation	-5 /+40 °C
Installation method	recessed
For indoor use	YES
IEC protection class	II
Lamp's warm-up time to 60%	1
Height	33 mm
Lamp's diameter	—
Wire length	150 mm
Wiring types	2-wire
Single wire thickness	0.75 mm ²
Storage temperature	-25/+45
Weight	260 g
Type of cable	Double insulated
Output current	1 A
Dimmer compatibility	NO
Material of reflector	PolyCarbonate
Materials (other)	Metal
Led size	158x158

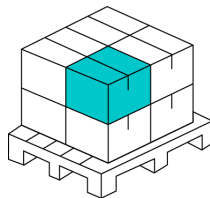
Name of the parameter	Value
Colour consistency in McAdam ellipses	≤3
IP Rating	20
Stroboscopic effect metric SVM	0.4
Controller output voltage range	25 - 42
LED manufacturer	Bridgelux
Mounting hole diameter	200 mm
UGR rating	UGR<19
Date of first placement on the market	2021-10-15
Angle for useful luminous flux (EPREL)	Narrow cone of 90 degrees
Is the product equipped with an integrated light source? (EPREL)	No
Total luminous flux (EPREL)	4000
Is this product a light source? (EPREL)	Yes
Beam angle in degrees (EPREL)	60
On-mode power P _{on} (EPREL)	40
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)	3400
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)	4179 cd
R9 colour rendering index value (EPREL)	6
Survival factor	0.9
Flicker metric P _{stLM}	1
Standby power P _{sb}	0
EPREL ID	778706
Form of the product (EPREL)	—
Energy efficiency class 2019/2015	F
Colour consistency in McAdam ellipses	≤3
Displacement factor D _f	0.9
Contain icon	—

Pre-packaging



Type	Shipping carton
Width [mm]	75
Height [mm]	225
Length [mm]	225
Weight [kg]	0,12

Cumulative packaging



Number of pieces	40
Width [mm]	440
Height [mm]	480
Length [mm]	475
Weight [kg]	14,4
Volume [m3]	0,1
Type of carton box	Cardboard