

Product code: 477392 EAN: 5907777477392

LED line® downlight 7W 700lm 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: 7 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 50000h of durability. Power Factor: PF > 0,58. Number of on/off cycles: 50000.

Luminous efficiency: 100 lm/w. The generated light beam 700 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

Installation method

Mounting hole diameter



Beam angle

Material (cover)

Lifespan

Number of on/off cycles

Ambient temperature suitable for operation

LED quantity

Lamp's diameter

Name of the parameter	Value
Luminous flux	700 lm
Wattage	7 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	0.58
Number of on/off cycles	50000
Height	33 mm
IEC protection class	III
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	0.15 A
Dimmer compatibility	NO
Stroboscopic effect metric SVM	0.4
Material of reflector	PolyCarbonate
Materials (other)	Metal
IP Rating	20
LED type	COB
LED quantity	1
Correlated colour temperature	4000 K

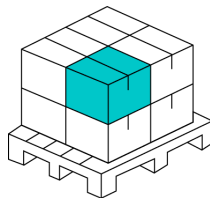
Name of the parameter	Value
Driver Brand	Lifud
Installation method	recessed
Controller output voltage range	25 - 42
Lamp's diameter	—
LED manufacturer	Bridgelux
Mounting hole diameter	80 mm
UGR rating	UGR<19
Date of first placement on the market	2021-10-15
Angle for useful luminous flux (EPREL)	Narrow cone of 90 degrees
Is the product equipped with an integrated light source? (EPREL)	No
Total luminous flux (EPREL)	700
Is this product a light source? (EPREL)	Yes
Beam angle in degrees (EPREL)	60
On-mode power P _{on} (EPREL)	7
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)	620
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)	877 cd
R9 colour rendering index value (EPREL)	16
Survival factor	0.9
Flicker metric P _{stLM}	1
Standby power P _{sb}	0
EPREL ID	778160
Form of the product (EPREL)	—
Energy efficiency class 2019/2015	F
Colour consistency in McAdam ellipses	≤3
Displacement factor Df	0.58
Contain icon	—

Pre-packaging



Type	
Width [mm]	60
Height [mm]	100
Length [mm]	100
Weight [kg]	0,29

Cumulative packaging



Number of pieces	50
Width [mm]	340
Height [mm]	285
Length [mm]	540
Weight [kg]	15,6
Volume [m3]	0,052
Type of carton box	Cardboard