

EVO3 GEN2

LED Downlight — 220-240V — 4.2W — IP54 — CRI Ra98



Features

High strength spring installation, screwless terminal block
IP54 rated
Suitable for cutting holes with diameter from 55–64mm
50,000 hours lifetime (L90F10), 5 Year Warranty
Compatible with both leading edge & trailing edge dimmers
Flicker free, CRI up to Ra98
Complied with IEC/EN62471 photobiological safety standard
Passed 60-minute fire resistance test according to EN 1365-2

Color Temperature

2700K / 3000K

Lumen Output

2700K: 410 lm • 3000K: 430 lm

Cut-out

Ø 55–64 mm

Module Wattage

4.2W (5.5W system)

CRI

Ra 98

Installation

Recessed ceiling mount • Spring clips

Beam Angle

38°

Dimming

Leading / Trailing edge



Technical Specifications



EVO3 GEN2 — LED Downlight — 220-240V — 4.2W

General Information

Light source type	LED
Type	Recessed Downlight
Beam angle	38°
CRI	Ra 98
SDCM	2

Operating and Electrical

Input Voltage	AC 220–240V
Frequency	50/60 Hz
LED module power	4.2W
System power with driver	5.5W
LED module input voltage	35V DC
Input current	27 mA
Inrush current	< 2A / 150µs
Power Factor	0.9
Connection	3 pole connector
Percent flicker	< 2%
PstLM	< 1
SVM	< 0.4
Dimmable	Yes (leading/trailing edge)

Variants — White

5703054001102	2700K • 410 lm • White
5703054001201	3000K • 430 lm • White

Variants — Black

5703054007104	2700K • 410 lm • Black
5703054007203	3000K • 430 lm • Black

Protection

IP Class (LED module)	IP54
IP Class (driver)	IP20
IK Class	IK05
Safety Class (IEC)	Class III
Fire resistance	60 min (EN 1365-2)

Life Span

L90 lifetime (Ta 25°C)	50,000 hrs
L80 lifetime (Ta 25°C)	100,000 hrs
Switching cycles	> 100,000 times

Dimension

LED module (D × H)	Ø 72 × 36 mm
Cut-out diameter	Ø 55–64 mm
In-ceiling height	35 mm
Connector box (L×W×H)	71.5 × 40.5 × 26 mm
Driver box (L×W×H)	60 × 47 × 22 mm

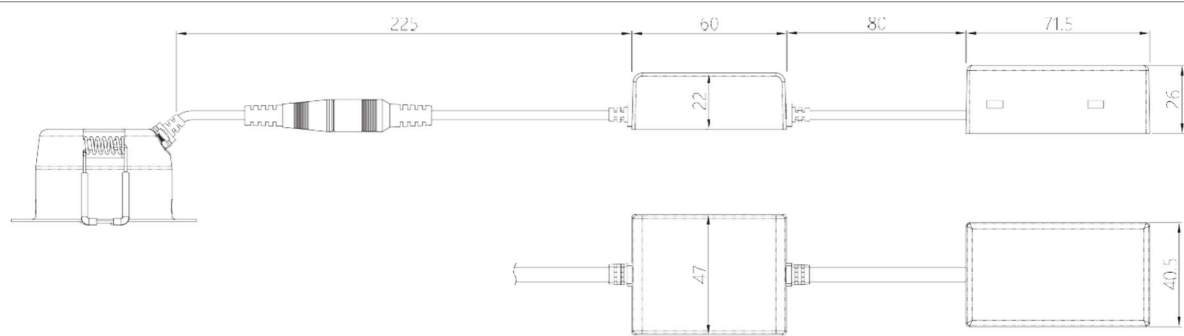
Max. loading per circuit breaker

C10 / C13 / C16 / C20	120 / 160 / 200 / 240
B10 / B13 / B16 / B20	60 / 80 / 100 / 120

General

Anti-corrosion protection	5 years
Energy class	F
CE Mark	Yes
EU RoHS compliant	Yes
IEC/EN62471 compliant	Yes
ENEC certified	Yes
Working temperature	-20°C to +40°C
Warranty	5 years

Dimension drawings



Dimension table

Item	Outer Diameter (mm)	In-ceiling Height (mm)	Cut-hole (mm)
LED Module IP54	72	35	55–64

Item	Length (mm)	Width (mm)	Height (mm)
Connector box IP20	71.5	40.5	26
Driver box IP20	60	47	22