

EVO D

LED Downlight — 220-240V — 7W — IP54 — CRI Ra98



Features

- High strength spring installation, screwless terminal block
- IP54 rated, 5 years anti-corrosion protection
- Suitable for cutting holes with diameter of 83mm
- 50,000 hours L90F10 lifetime, 5 years warranty
- Compatible with leading edge or trailing edge dimmers
- Flicker free, CRI up to Ra98
- Complied with IEC/EN62471 photobiological safety standard
- ENEC certified

Color Temperature

2700K / 3000K

Lumen Output

2700K: 630 lm • 3000K: 650 lm

Cut-out

Ø 83 mm

Module Wattage

7W (9.5W system)

CRI

Ra 98

Installation

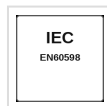
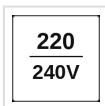
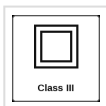
Recessed ceiling mount • Spring clips

Beam Angle

60°

Dimming

Leading / Trailing edge



Technical Specifications



EVO D — LED Downlight — 220-240V — 7W

General Information

Light source type	LED
Type	Recessed Downlight
Beam angle	60°
Tilting angle	0°
CRI	Ra 98
SDCM	2

Operating and Electrical

Input Voltage	AC 220–240V
Frequency	50/60 Hz
LED module power	7W
System power with driver	9.5W
LED module input voltage	36V DC
Input current	38 mA
Inrush current	$I_{\max}$ 2A / 150μs
Connection	5 pole connector
Percent flicker	< 2%
PstLM	< 0.1
SVM	< 0.1
Dimmable	Yes (leading/trailing edge)

Variants — White

5703051101003	2700K • 630 lm • White
5703051102000	3000K • 650 lm • White

Variants — Black

5703051103007	2700K • 630 lm • Black
5703051104004	3000K • 650 lm • Black

Protection

IP Class (LED module)	IP54
IP Class (driver)	IP20
IK Class	IK05
Safety Class (IEC)	Class III

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 90 × 42 mm
Cut-out diameter	Ø 83 mm
In-ceiling height	48 mm
Connector box (L×W×H)	80 × 58 × 22 mm
Driver box (L×W×H)	60 × 47 × 22 mm

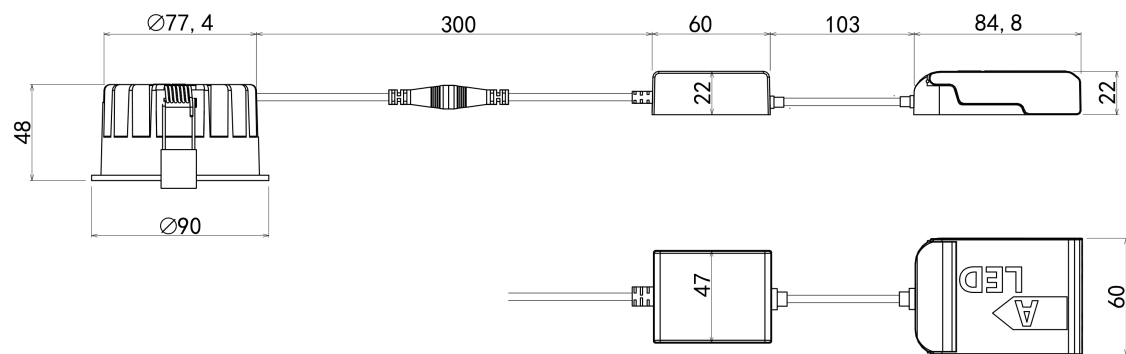
Max. loading per circuit breaker

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
Warranty	5 years

Dimension drawings



Dimension table

Item	Outer Diameter (mm)	In-ceiling Height (mm)	Cut-hole (mm)
LED Module IP54	90	48	83

Item	Length (mm)	Width (mm)	Height (mm)
Connector box IP20	80	58	22
Driver box IP20	60	47	22