

EVO E 24VDC DATA SHEET



3
YEAR
WARRANTY



Features

- * High strength spring installation, screwless terminal block
- * IP 54 rated, 10 years anti-corrosion protection
- * Suitable for cutting holes with diameter from 68~83mm
- * 50,000 hours L90 lifetime , 3 years limited warranty.
- * Compatible with leading edge or trailing edge dimmers
- * Flicker free, CRI>90
- * Complied with IEC/EN62471 photobiological safety standard

Electrical and Photometric Characteristics



EAN13 Code	5703064001000
LED module power	4.5 W
Input voltage of LED module	9 VDC
IP rating	IP54
Nominal flux	400 lm
CCT	3000 K
CRI	Ra 90
SDCM	3 steps
Beam angle	45°
L90 Lifetime at Ta: 25°C	50,000 hrs
L80 Lifetime at Ta: 25°C	100,000 hrs
Switching cycles	> 100,000 times
Safety class of LED module	Class III
Energy class of LED module	F

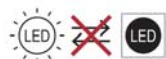
Operation and Maintenance Tips

- * Turn power off before inspection, installation or removal
- * Lamps should be kept free from contamination.
- * The luminaire is not suitable for emergency lighting
- * All install and uninstall shall be done by a certified electrician
- * Do not operate luminaire with damaged parts
- * Exceeding maximum ratings for operating temperature and input voltage will reduce expected life time or destroy the product.

Energy Class

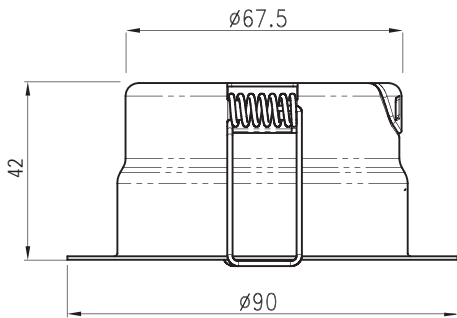
This product contains a light source in the energy efficiency class: **F**

Power with driver	5 W
Nominal Voltage	9-30 VDC
Input current	710 mA
Working temperature range	-20°C ...+40°C
PstLM	< 1
SVM	< 0.4
Dimmable	PWM
IP rating of driver	IP20

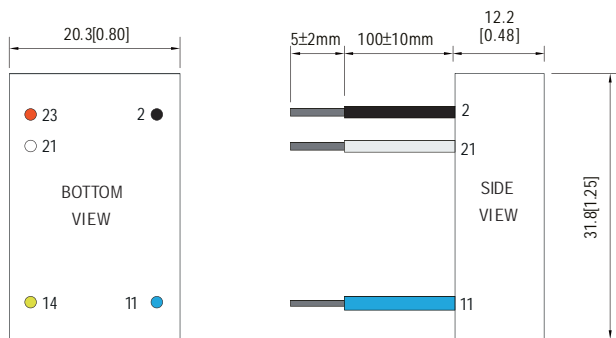


Mechanical Specification

Item	Outer Diameter (mm)	In-ceiling Height (mm)	Cut-hole (mm)
LED Module IP54	90	40	68-83



Item	Length (mm)	Width (mm)	Height (mm)
Meanwell LDB-500L	31.8	20.3	22

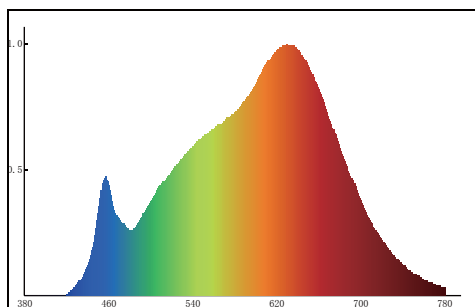


Pin No.		Comment
2	-Vin (Black)	Don't connect to -Vout
11	-Vout (Blue)	LED - Connection
14	+Vout (Yellow)	LED + Connection
21	PWM DIM (White)	ON/OFF and PWM Dimming (Leave open if not used)
23	+Vin (Red)	DC Supply

NOTE: All wires in the driver UL3385 22AWG

Spectrum Distribution

Warm white - 3000K



Distribution of luminous intensity

