

# EVO3 GEN2 DATA SHEET



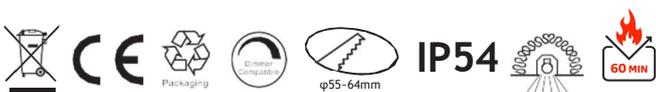
**5**  
YEAR  
WARRANTY



## Features

- \* High strength spring installation, screwless terminal block
- \* IP 54 rated, 10 year anti-corrosion warranty
- \* Suitable for cutting holes with diameter from 55-64mm
- \* 50000 hours lifetime (L90F10). 5 Year Limited 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

## Electrical and Photometric Characteristics



## Operation and Maintenance Tips

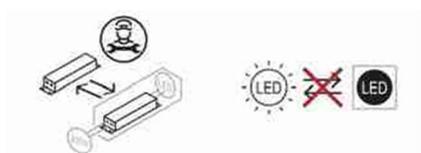
- \* Turn power off before inspection, installation or removal
- \* Lamps should be kept free from contamination.
- \* The luminaire is not suitable for emergency lighting
- \* All install and uninstall shall be done by a certified electrician
- \* Do not operate luminaire with damaged parts.
- \* Exceeding 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 A1 G

LED module power	4.2W
Input voltage of LED module	35VDC
IP rating	IP54
Nominal flux	430lm @ 3000K
CRI	Ra 98
SDCM	2 steps
Beam angle	38°
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
Power with driver	5.5W
Nominal Voltage	220-240Vac 50/60Hz
Input current	27mA
Inrush current	< 2A
Power Factor	0.9
Working temperature range	-20 °C ... +40 °C
Percent flicker	< 2%
PstLM	< 1
SVM	< 0.4
Dimmable	Yes
IP rating of driver	IP20



## Specifications

EAN Code	Module Wattage*	Size mm (DxH)	CCT (Kelvin)*	Rated Flux (Lm) *	CRI (Ra)*	Beam angle*	Energy Class	SDCM	Anti-corrosion warranty(year)
<b>EVO3 GEN2 Hvid-for both indoor and outdoor use</b>									
5703054001102	4.2	72x36	2700	410	97	38°	F	2	10
5703054001201	4.2	72x36	3000	430	97	38°	F	2	10
<b>EVO3 GEN2 Sort-for both indoor and outdoor use</b>									
5703054007104	4.2	72x36	2700	410	97	38°	F	2	10
5703054007203	4.2	72x36	3000	430	97	38°	F	2	10

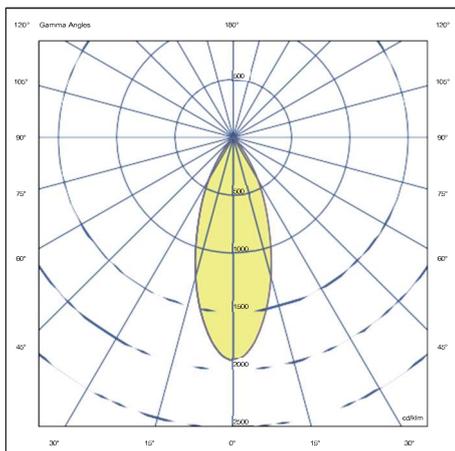
\* Due to the special conditions of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical value. A max 10% tolerance is deemed to be acceptable in any case.

\* 24D version also available upon request.

## Maximum loading of automatic circuit breakers

Breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	Inrush time
EVO3 GEN2	120	160	200	240	60	80	100	120	I <sub>max</sub> 2A	150µs

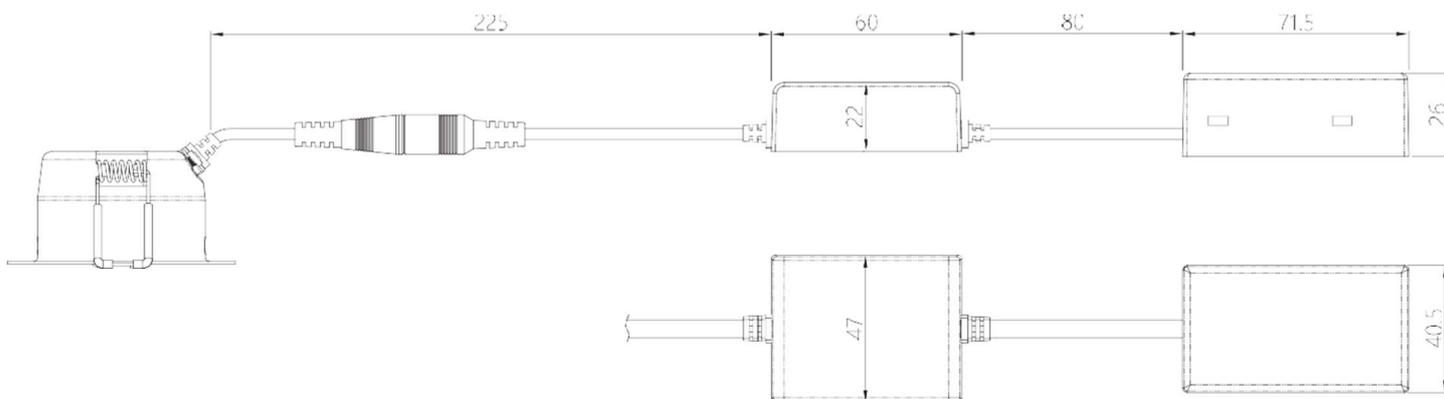
## Distribution of luminous intensity



## Dimension Diagram

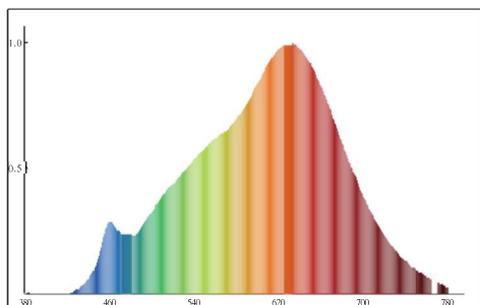
Item	Outer Diameter (mm)	In-ceiling Height (mm)	Cut-hole (mm)
LED Module IP54	72	35	55-64

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

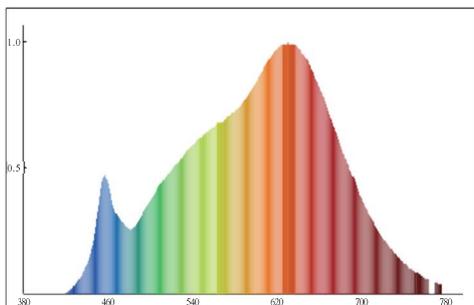


## Spectrum Distribution

Warm white - 2700K



Warm white - 3000K



## Lifetime

