

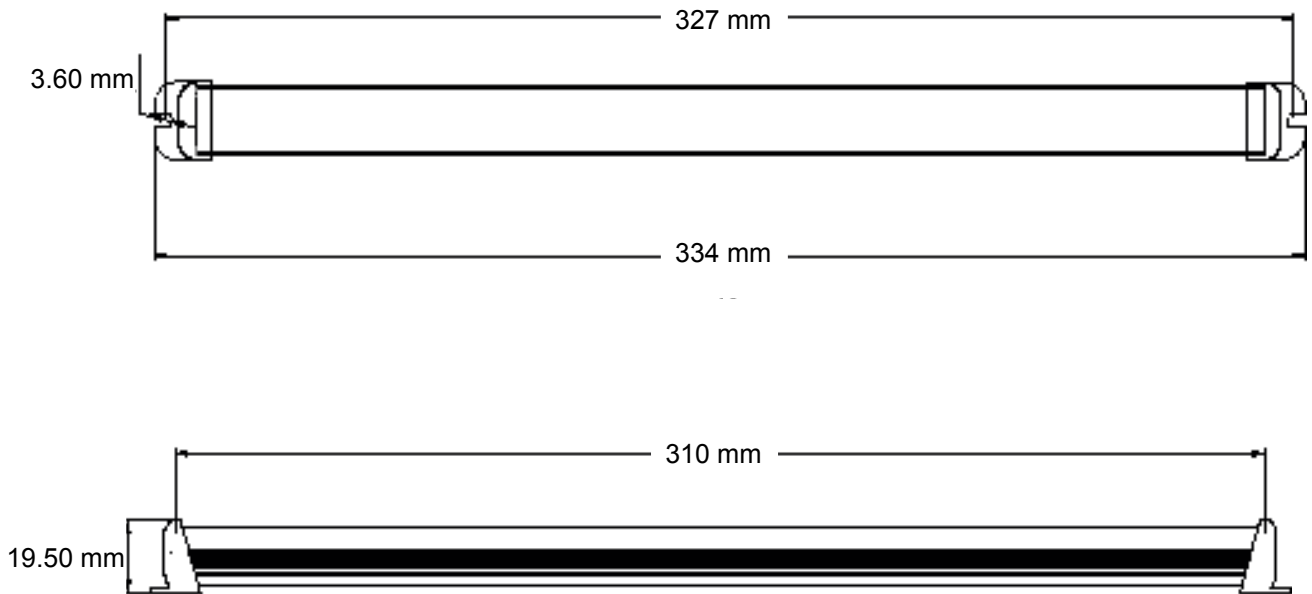
Datasheet: FL-05



Product Features

Heatsink Profile	6063 Quality - Anodic Oxidation Covered Aluminium Profile
Side Lid	Polycarbonate
Top Cover	PMMA Ice White Plexi
Voltage	24 V

Technical Information



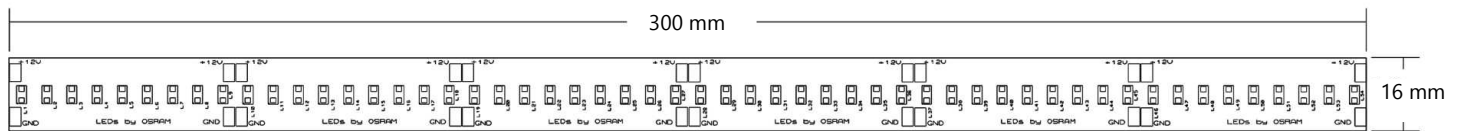
Features of LED Module

Features of LED

- LED type : OSRAM Duris E3
- LED case: 3.0 mm x 1.4 mm
- Viewing angle: 110°
- Up to 30 mA
- Thermal resistance (typ.) : 125 K/W
- Voltage: 3.05 V
- Constant colour binnig
- Constant brightness binnig
- Constant voltage binning
- LM80 test report
- IEC62471 Biological Eye Safety Test Report

Features of LED Module

- Voltage : 24 V
- Suitable for linear illumination
- Low energy consumption, high efficacy and long life
- Integrated current source to stabilize
- Homogeneous illumination
- 3 years warranty



Product Code	Color Temperature ¹	Total number of LEDs	Number of parallel strings	Number of LEDs per string	Luminous Flux @ts=25°C (lm) ²	Min. Forward Voltage @ts=45°C (V) ²	Max.Power consumption (W) ³	Colour rendering index (CRI)
Operating mode at 12V								
LNR-300x16-DE3x54-40	4000K	54	18	3	508,3 644	472,7 598,9	5,83	≥80

Note:LED modules are designed for usage with a 12V constant voltage power supply.

1 4000K: LCW JNSH.EC-BTCP-5L7N
 2 Tolerance range for optical data: ±10 %
 3 Tolerance range for electrical data ±4 %