

ALUMINIUM LED PROFILE LINEAR LENS



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*Signature
Designed by WIP*

Aluminium LED Profile Linear LENS

Specification

The light rail is high quality aluminum extrusion. Recessed LED linear shelf lights. Good display lighting should be discreet, show displayed and highlight products with the best possible light, also can be high or low contrast depending on the shop. Vivid linear lighting can make the products look irresistible and create softer modeling and better uniformity, also help to increase customer footfall. The design is suitable for product display case, luxury display case, products shelf, etc.

PCB Strip

Input Voltage	12 VDC
Power	7W/M (0.175W/Module) 14W/M (0.350W/Module)
Efficiency	130 lm/W
CRI	>80, >90
LED Light Source	Everlight, Nichia
LED Life Time	50,000 hrs.

CCT	3000K (Warm White) 4000K (Cool White) 5000K (Cool Daylight) 6500K (Daylight) Tunable Warm (1800K-4000K) Tunable White (2700K-6500K)
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AL Rail

Aluminium Extrusion

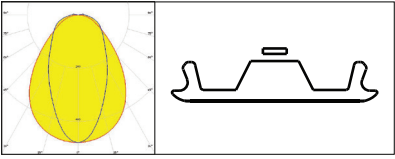
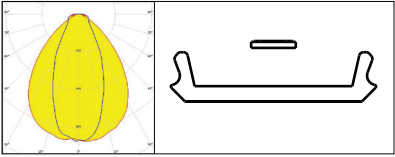
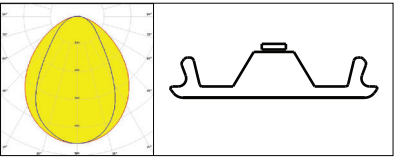
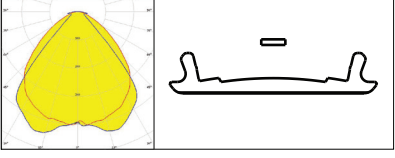
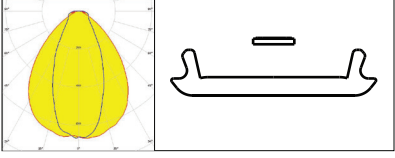
Lens

Beam Angle ~ 60° + 90°, ~ 40° + 100°, ~ 70° + 100°, ~ 90° + 100°, ~ 110° + 100°,
Double asymmetric beam for aisle and shelf lighting ,
Asymmetric beam for wall washing

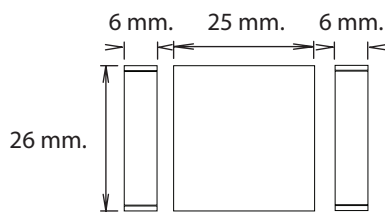
Lens Material Polymethyl Methacrylate (PMMA)

Part No.	Beam	Lens	TC		Length
			CRI 80	CRI 90	
F16859	Asymmetric beam for wall washing and shelf lighting		3000K 4000K 5000K 6500K	3000K 5000K 6500K	On Requirement
F16858	Double asymmetric beam for aisle and shelf lighting				

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Lens			TC		Length
Part No.	Beam	Asymmetric	CRI 80	CRI 90	
F16748	~40° + 100° Oval Beam		3000K 4000K 5000K 6500K	3000K 5000K 6500K	On Requirement
F16636	~60° + 90° Beam				
F16749	~70° + 100° Beam				
F17194	~90° + 100° Beam				
F16747	~110° + 100° Beam				

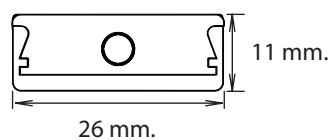
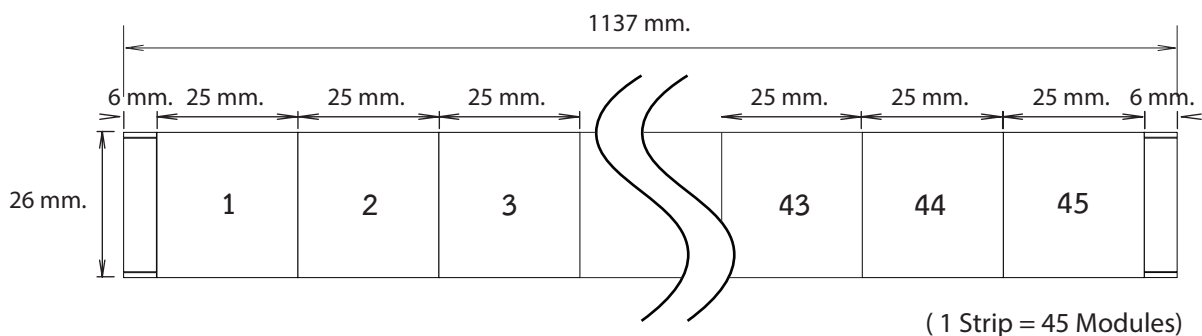
Module Customization



How to calculate the rail length

(Required Amount x Module (25 mm.)) + Endcap (12mm.)

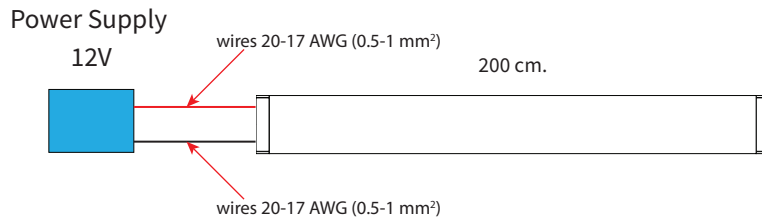
Example Of Customized Module



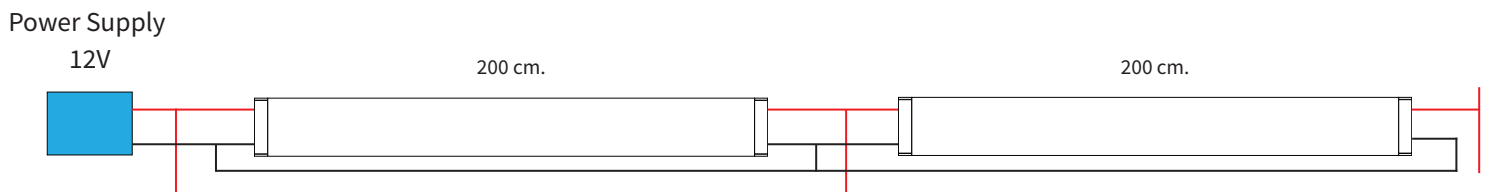
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Wiring Diagram

General Electrical Wiring



If the tube is longer than 200 cm. more than 2 tube, must be wire up as below picture



Wiring Diagram Tunable



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Installation

