Product characteristics:
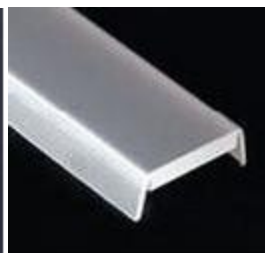
The extrusion is made from high quality Aviation 6063-T5 aluminum alloy with Double-Anodized, and is designed for flexible or rigid LED strips that are 8 - 10mm wide. One of the features offered for the extrusion are lens covers that protect LEDs inside the profile. There are several lens cover options: Diffuser Lens (Insert Type Covers) and Clear Lens (Press In Type Covers). Lens Covers are made of polycarbonate and are certified for excellent resistance to weather conditions and UV radiation, as well as being flame retardant. White polypropylene end caps and metal mounting brackets (chrome finish) are supplementary accessories. The extrusion can be mounted to surfaces with double-sided adhesive tape or mounting brackets. The mounting bracket assures easy and secure mounting of the extrusion to a desired surface. It can also be used as a connector between extrusions.

Products related to the Extrusion:
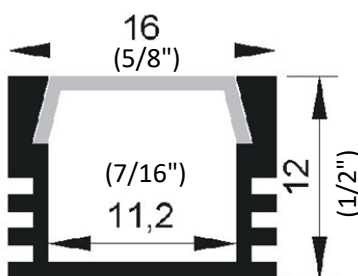

Diffuser Lens   Clear Lens   Dome Lens   Mounting Brackets   White End caps

Dimension Drawing:

16
(5/8")

(7/16")
11,2

12
(1/2")

Contact

Prism Lighting Group™
Toll Free: 1-866-620-1380

salesusa@prismlightinggroup.com
salesca@prismlightinggroup.com

www.PrismLightingGroup.com

Technical specification:

Ingress Protection Rating:	IP20 (standard)
Available lengths:	2.5m (96" / 8') (3M special Order)
Material:	Body – aluminum, cover – polycarbonate (PC), end cap – polypropylene (PP), mounting bracket, spring – steel
Lighting Transmittance:	Clear Cover, 94%; Frosted Cover, 70-90%; Milky Cover, 50%.
Operating temperature range:	-30~+100℃
Flammability:	V2 Fire Rating for PC Cover.
UV stability:	Ageing resistance more than 3 years.
Heat stability:	Under 100℃.
UL94 rating:	UL94V2
Manufacturing tolerances:	±0.5mm.
Grade of aluminum:	6063-T5
Grade/Type of anodizing:	Ecru oxidation and Grind arenaceous oxidation
Heat transmission properties:	Aluminum specific heat is 0.88x10J/(Kg x ℃)

Applications:

The extrusion with LED light source is mostly used as interior lighting, especially to light cabinets, exhibits, display-cases, or decoration light.

Contact

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