

Product Specifications

Name: Suspended Round Aluminum LED Profile.

Model No.: SJ-ALPO4040



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 28mm wide. One of the accessories offered for the extrusion are covers that shade and protect LEDs inside the profile. There are several cover options: Clear, Frosted, Milky. Covers are made of polycarbonate and are certified for excellent resistance to all weather conditions and UV radiation, as well as being flame retardant. Standard polypropylene End caps protect the extrusion from dust and other undesirable elements, which can make LED strips dirty and consequently deteriorate the lighting parameters.

Products related to the Extrusion:

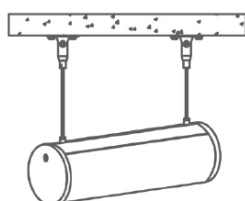
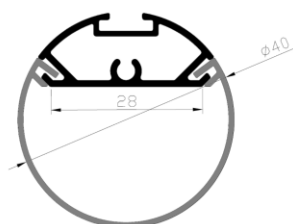


End Caps



Suspension steel cables

Dimension Drawing:



Technical specifications:

Ingress Protection Rating:	IP20 (standard)
Available lengths:	1m / 2m/ 3m (can be cut to any size)
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°C
Flammability:	V2 Fire Rating for PC Cover.
UV stability:	Ageing resistance more than 3 years.
Heat stability:	Under 100°C.
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 °C)

Applications:

The extrusion with LED light source is mostly used as interior lighting, office lighting, ceiling lighting, especially to light cabinets, stairs, glass-cases, or as a decoration light for a niche in drywall ceilings.

