

Our IP67 profiles are modular and offers an innovative lighting solution in constrained space which require linear lighting. The profiles are made of extruded aluminium and are available in powder coated white / black and anodised aluminium finish options. Depending upon form selected clear and translucent encapsulation options are available. The aluminium profile and the polyurethane encapsulation lends to IP67 protection class. Various mounting options are available making it a versatile product for various applications.

Product Features

- Luminaire made of extruded aluminium for better thermal management.
- Translucent polyurethane encapsulation.
- Surface / Recessed / Suspended mounting options available.
- IP67 connector on both ends and can be easily installed via mounting clips or adjustable wall clamps.
- Constant voltage LED driver 24V Non integral (to be ordered separately)
- MacAdam LEDs \leq 3-step
- High CRI80+
- Dimmable
- Special colour on request (Red, Green, Blue, Amber etc.)
- Multiple lengths available



Area of Application

Hotel & Resorts, Staircase Lighting, Malls, Restaurants, Receptions, Shopping Complex, Commercial & Business Centers, Residential Lighting and similar applications.

Installation Note

- Surface, Recessed or Suspended
- Based on site requirement can be glued using PU glue, silicone / grouted or plastered in on-site cutouts.
- Mounting accessories : Wall clamps / Clips / Suspension kits as per site requirement
- Luminaire to be ordered with suitable 24V dc power supply.
- Mounting tray for better cable management with slide fit system.

Voltage drop information for the feed-in-line (PSU / Control to fixture)

STATIC COLOUR			Max.cable length
Power (m)	Cable spec	Product run length	PSU-luminaire
10W/m	.34 mm ² / AWG 22	1m / 2m	19m / 10m
20W/m	.34 mm ² / AWG 22	1m / 2m	7m / 3.5m
RGBW			
20W/m	.34 mm ² / AWG 22	1m / 2m	10m / 4.5m
40W/m	.34 mm ² / AWG 22	1m / 2m	4.5m / --

Note : Calculation is based on a max. voltage drop of 0.80V and is based on the cable configuration on-site.

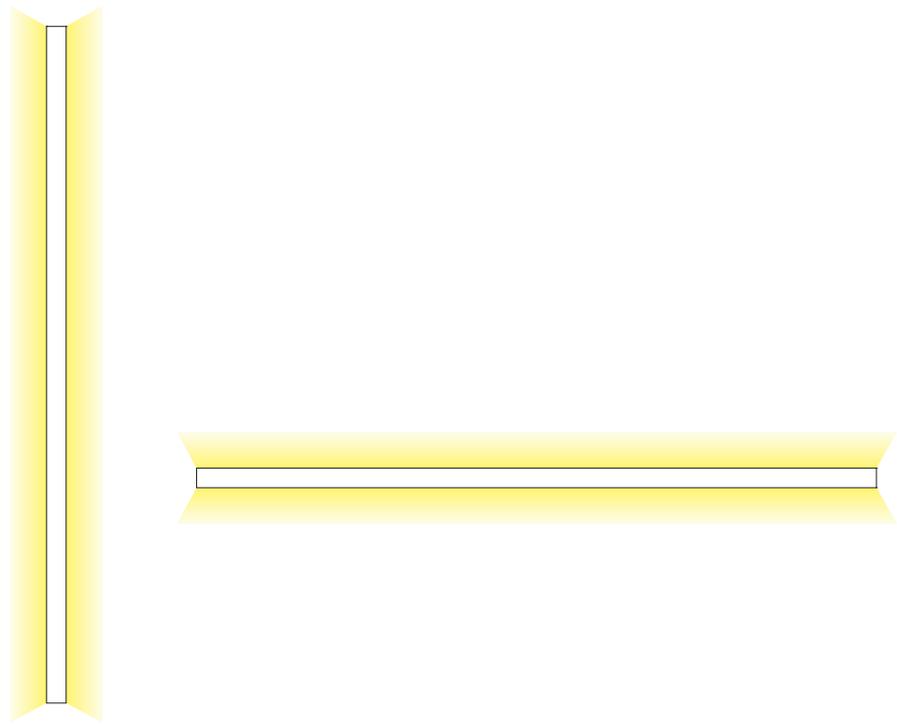
Important Note:

- The given data are standard values. Due to tolerances of the manufacturing process and the electrical components, photometric values and electrical power can vary up to 10 - 12%.
- Luminous flux upto -40% with opal transmission.
- In IP67 encapsulated products, tolerance in colour temperature can occur.
- Light distribution refer online



Open Source





CEDAR-60

Sleek linear outdoor profile wall surface mounted to enhance the architectural elements.

These dramatic linear lights can be installed horizontally or vertically for accentuating texture on the wall.

Prefabricated as per design requirement.

K-LITE

Cedar-60

Power : 10W 20W 40W
Length: 520mm 1020mm 2020mm

Features

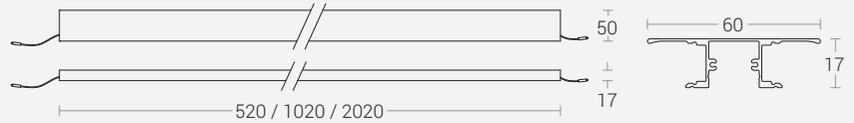
- Small form factor
- LED
- CRI Ra>80 (>90 on request)
- SDCM ≤ 3
- L80 / B10 @ 60,000 Hrs
- For ready use with IP67 connectors
- Encapsulated linear luminaire
- IP67 protection class
- Surface mounting clip recommended to use every 500mm

Options

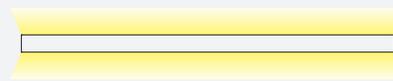
- CCT : 2700K / 3000K / 4000K
(Special colour on request)
- Driver options



Dimension in mm



Wall mounting



Housing Colour



High-quality aluminium with powder coated finish in RAL9005 Black fine texture | RAL9016 White fine texture | Gold fine texture

Accessories

Cabling Accessories



Lead connector

ID	Description	Dimension (mm)
8320/8321	Male / Female connector - 2 pin	0.5m Cable

- * Fixture manufactured to desired length with multiples of 500mm (not to be cut at site)
- * Driver and mounting accessories to be ordered separately

Light Distribution refer online





Technical Specifications

Light Source

Light Source	: LED
CRI (Ra)	: >80 (>90 on request)
LED Colour Temperature	: 2700K / 3000K / 4000K (Special colours on request)

Physical

Body	: Extruded Aluminium with Translucent Endcaps
Mounting	: Surface
Finish	: White / Black / Gold

General

Driver	: Constant Voltage
Input Voltage	: 220-240Vac
Operating Temperature	: -15°C~+50°C
Operating Voltage	: 24Vdc
Power Supply	: Non Integral 24V PSU (IP67)

Specification

Power (W/m)	20W/m
Max.length (m)	2 mts
Max.serial run length (m)	3 mts
Max.ambient temp.(Ta _{max})	45°C

Optical

Tilt	: Fixed
Beam Angle	: 60° (Pixelated)
Diffuser Material	: Polyurethane Encapsulation

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Ordering Guide

Surface

ID	Wattage	Dimension (mm)
3585	10W	520 x 60 x 17
3619	20W	1020 x 60 x 17
3620	40W	2020 x 60 x 17

* Voltage drop information refer to page no: 07