K-LITE

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 ≤ 3-step
• High CRI80+
• Dimmable
• Special colour on request (Red, Green, Blue, Amber etc.)
• Multiple lengths available

| BIS | CE | III | IP67 | BA120° | UV SHIELD | LM80 COMPLIANT | SALT WATER RESISTANT | 3 YRS WARRANTY | 24Vdc |

Area of Application

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

Open Source

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

Power (m)	Cable spec	Product run length	Max.cable 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

K-LITE

In-Form-33 Slim

Power : 10W 20W 30W 40W
Length : 500mm 1000mm 1500mm 2000mm

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
- Mounting tray for better cable management with slide fit system.

Options

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

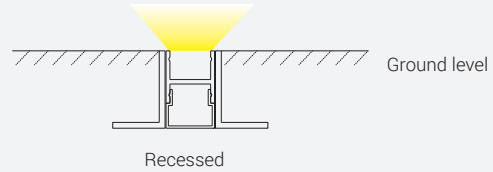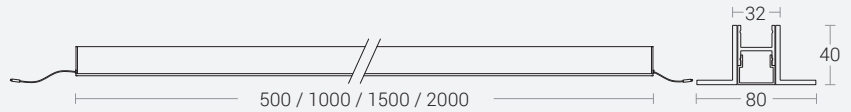| Switchable | DALI | CASAMBI |

Dimension in mm

32
40
500 / 1000 / 1500 / 2000
80

Ground level

Recessed

Housing Colour

Stainless steel

Accessories

Cabling Accessories

Lead connector

Extension cable

End cap

ID	Description	Dimension (mm)
8319	End cap - 2 pin	-
8320/8321	Male / Female connector - 2 pin	0.5m Cable
8322	Extension cable - 2 pin	1m Cable

* Fixture manufactured to desired length with multiples of 500mm (not to be cut at site)

* Driver and mounting accessories to be ordered separately
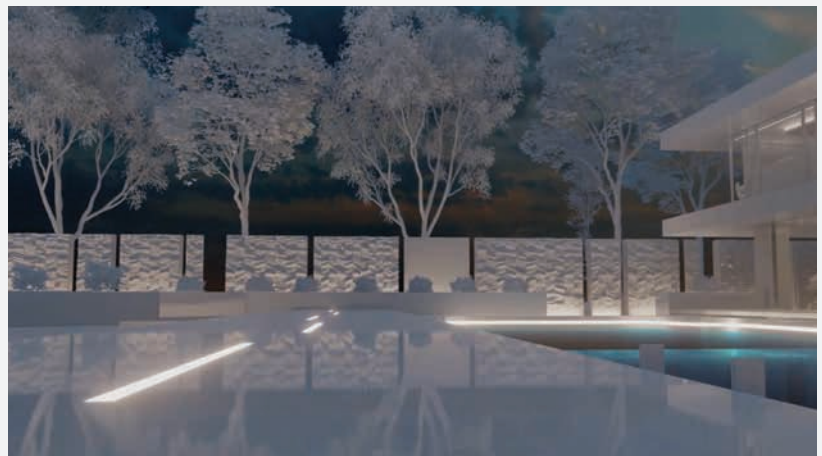
Light Distribution refer online

Technical Specifications

Light Source

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

General

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

Optical

Tilt	: Fixed
Beam Angle	: 120°
Diffuser Material	: Translucent Polyurethane Encapsulation

Physical

Body	: Stainless Steel
Mounting	: Recess

Specification

Power (W/m)	10W/m	20W/m
Max.length (m)	2 mts	2 mts
Max.serial run length (m)	5 mts	3 mts
Max.ambient temp.(Ta_{max})	50°C	45°C

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BIS	CE	III	IP67	IK10	BA120°	UV SHIELD	LM80 COMPLIANT	SALT WATER RESISTANT	3 YRS WARRANTY	24Vdc

Ordering Guide

Recess

ID	Wattage	Dimension (mm)
3621	10W	500 x 80 x 40
3622	20W	1000 x 80 x 40
3623	30W	1500 x 80 x 40
3624	40W	2000 x 80 x 40