

**Area:** Outdoor Luminaires

The mLine IP67 is a waterproof NICHIA LED light that offers direct lighting with no visible dots, perfect for parking lots or architectural lighting.



**Category:** Linear lighting / decorative lighting / Cove

Fully encapsulated inside an aluminum housing, the mLine is waterproof and UV resistant. This ensures the high-quality Japanese NICHIA LEDs and the internal current stabilization system are fully protected.



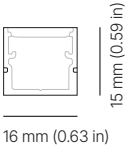
**Mounting:** Surface horizontal mounting / Surface vertical mounting / Wall mounting

The mLine is ruggedized and ready for a wide range of outdoor direct lighting uses.

## TECHNICAL DATA

Voltage	24 V
LED lumen maintenance	L90B10 > 60.000 h
Light engine	Any LED strip up to 19 W/m
Cover	Opal
Housing color	● Black, ○ White, ● Grey, ● Custom
Control	Dimmable

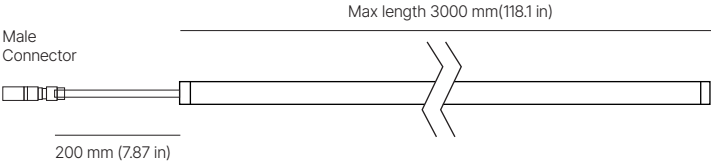




**DIMENSIONS**

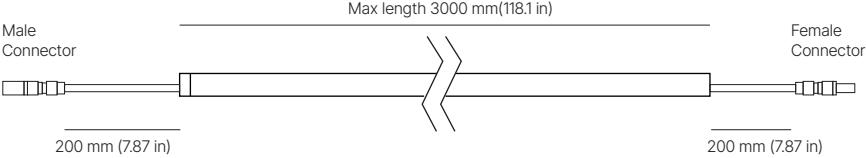
**LUMINAIRE**

One cable, two endcaps



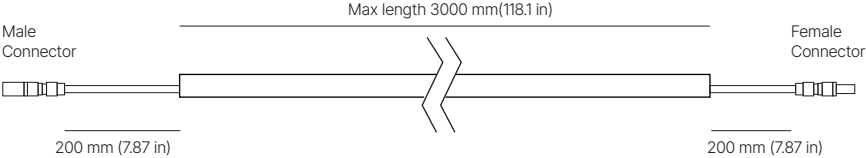
**START**

Two cables, endcap at the start



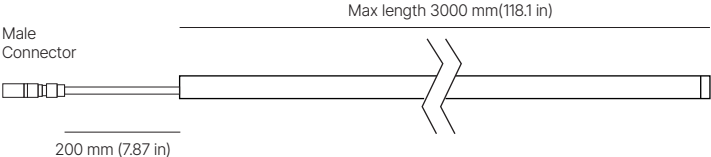
**MIDDLE**

Two cables, no endcaps



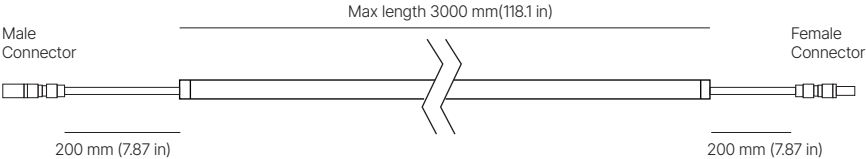
**END**

One cable, endcap at the end



**FULL MODULE**

Two cables, two endcaps



Final length of the luminaire calculated:

**L = C x N + E;**

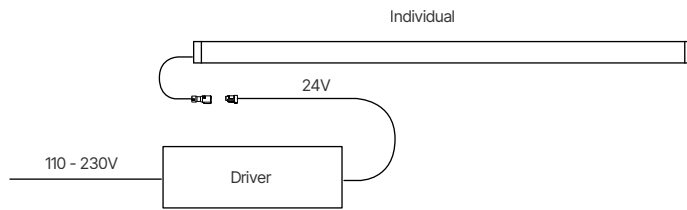
- E = Cable exit
  - Individual, end cable exit - 10mm (0.39 in)
  - Individual, back cable exit - 6mm (0.23 in)
  - Start - 4mm (0.16 in)
  - Middle - 2mm (0.07 in)
  - End - 4mm (0.16 in)
  - Full set, back cable exit - 6mm (0.23 in)
  - Full set, end cable exit - 14mm (0.55 in);

- L = Luminaire length
- C = Cutting Step
  - White 24V: 125mm (4.9 in)
  - White 48V: 250mm (9.8 in)
  - TW: 125m (4.9 in)
  - RGB: 125mm (4.9 in)
- N = Quantity Of Segments. 2 < N < 72;

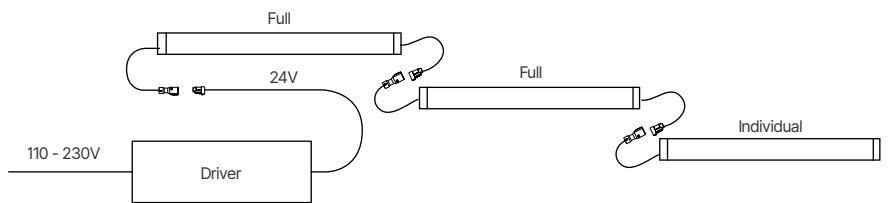
**Note:** Length tolerance +-3mm/m (0.11 in)

## CONNECTION TYPES

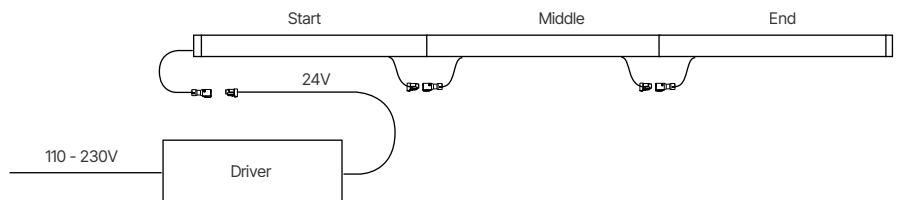
### INDIVIDUAL module



### FULL module



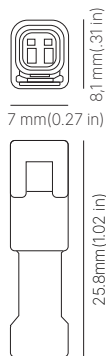
### CONTINUOUS LINE module



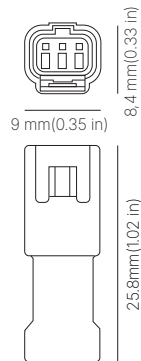
## OUTDOOR CONNECTORS

### J1X MALE CONNECTORS

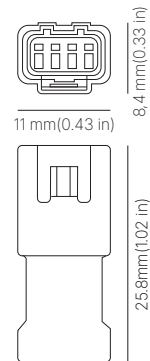
For white



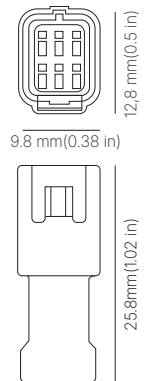
For tunable white



For RGB

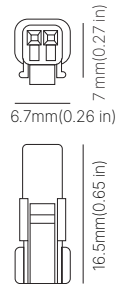


For RGBW

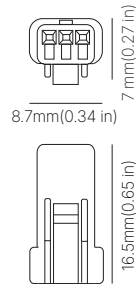


### J1X FEMALE CONNECTORS

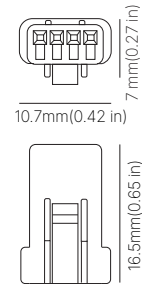
For white



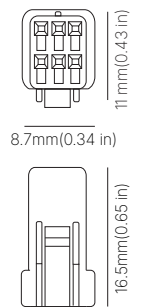
For tunable white



For RGB



For RGBW



### WIRES



3,6 mm  
(0.14 in)



5,4 mm  
(0.21 in)



7,2 mm  
(0.28 in)



9 mm  
(0.5 in)

1,8 mm  
(0.07 in)

### WIRE LENGTHS AVAILABLE

CODE	L30	L100	L1000	L2000	L10000
LENGHT	30mm 0ft 1in	100mm 3.9 in	1000mm 3ft 3in	2000mm 6ft 6in	10000mm 32ft 10in

## LUMENS

### White

SPECTRUM	CRI	lm/m (lm/ft)	POWER			
			4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)	14.4W/m (4.38W/ft)	19.2W/m (5.9W/ft)
820/822/825/827/830/ 835/840/850/865	CRI 80+	lm/m (lm/ft)	124-193 (38-59)	254-382 (77-116)	384-568 (117-173)	512-751 (156-229)
920/922/925/T927/T930/ T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	108-188 (33-57)	213-372 (65-113)	315-554 (96-169)	415-733 (126-223)
027/030/035/040/050	CRI 95+	lm/m (lm/ft)	124-140 (38-43)	246-279 (75-85)	366-415 (111-126)	481-547 (146-167)
EFFICACY (lm/W)			41	40	40	40

### TUNABLE

SPECTRUM	CRI	lm/m (lm/ft)	POWER
			9.6W/m (2.9W/ft)
820/865 825/857 827/857 827/850	CRI 80+	lm/m (lm/ft)	310-372 (94-113)
920/T965 925/T957 T927/T950	CRI 90+tri	lm/m (lm/ft)	267-326 (81-99)
EFFICACY (lm/W)			34

## TECHNICAL SPECIFICATIONS

### SERTIFICATIONS



UL approved



Made in Europe



L90B10  
60.000 hours



CE compliant



5- year warranty



NICHIA LEDs



### KEY BENEFITS



IP67



UV, salt & solvent resistant



Wide 2000K-6500K white color range



Thermal resistance:  
-25° – +50°



Stabilized current design



24V DC voltage input



3-step MacAdam LEDs



Control sold separately; DALI, Casambi, 1- 10V, Phase Cut



Available in any 0.5-3m length



CRI 80 + CRI 90+tri



Beam angle: 105°



Continuous line light effect without dark spots



Customization for your project



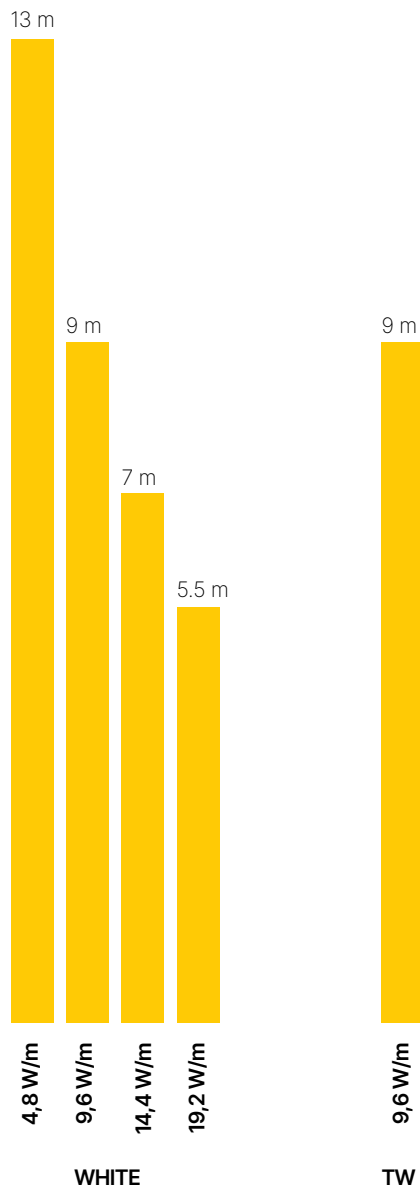
External driver



Reverse voltage protection

## MAX RUN

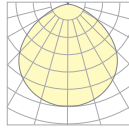
Possible max length connected to driver from single side.



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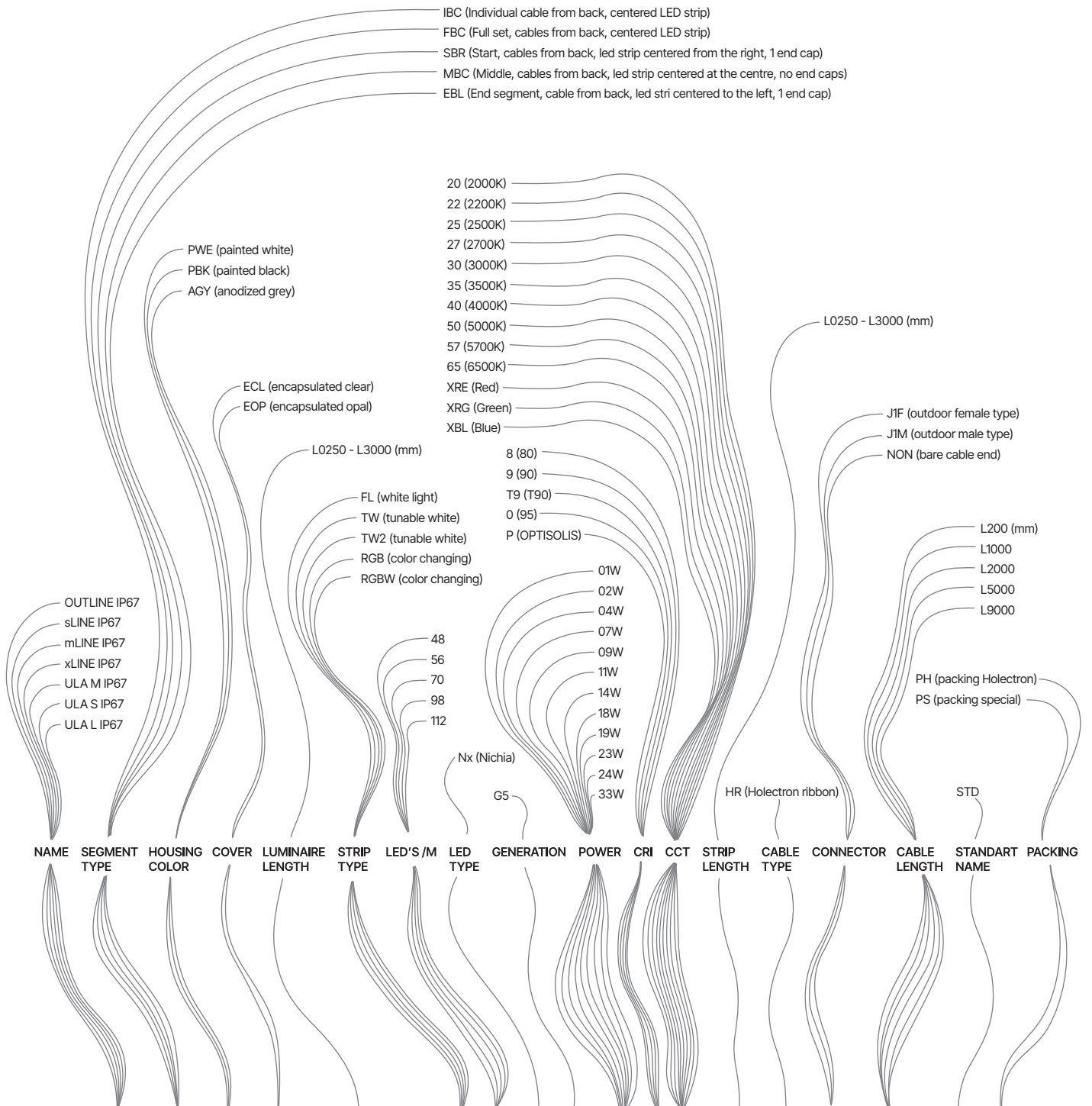
## OPTICS INDOOR

**mLine IP67**  
LOR 25%





## ORDER CODE



- IBC (Individual cable from back, centered LED strip)
- FBC (Full set, cables from back, centered LED strip)
- SBR (Start, cables from back, led strip centered from the right, 1 end cap)
- MBC (Middle, cables from back, led strip centered at the centre, no end caps)
- EBL (End segment, cable from back, led stri centered to the left, 1 end cap)
- PWE (painted white)
- PBK (painted black)
- AGY (anodized grey)
- ECL (encapsulated clear)
- EOP (encapsulated opal)
- L0250 - L3000 (mm)
- FL (white light)
- TW (tunable white)
- TW2 (tunable white)
- RGB (color changing)
- RGBW (color changing)
- 48
- 56
- 70
- 98
- 112
- Nx (Nichia)
- G5
- 20 (2000K)
- 22 (2200K)
- 25 (2500K)
- 27 (2700K)
- 30 (3000K)
- 35 (3500K)
- 40 (4000K)
- 50 (5000K)
- 57 (5700K)
- 65 (6500K)
- XRE (Red)
- XRG (Green)
- XBL (Blue)
- 8 (80)
- 9 (90)
- T9 (T90)
- 0 (95)
- P (OPTISOLIS)
- 01W
- 02W
- 04W
- 07W
- 09W
- 11W
- 14W
- 18W
- 19W
- 23W
- 24W
- 33W
- HR (Holectron ribbon)
- L0250 - L3000 (mm)
- J1F (outdoor female type)
- J1M (outdoor male type)
- NON (bare cable end)
- L200 (mm)
- L1000
- L2000
- L5000
- L9000
- PH (packing Holectron)
- PS (packing special)
- STD

NAME SEGMENT HOUSING COVER LUMINAIRE STRIP LED'S /M LED GENERATION POWER CRI CCT STRIP CABLE CONNECTOR CABLE STANDART PACKING

TYPE COLOR LENGTH TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYPE NAME

**A018N IEC AGY EOP L1011(3'4'')/FL175/Nx G4 14W 830 L1000 HR J1x L0200 STD PH**

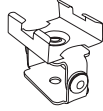
## APPLICATIONS



**SURFACE HOLDERS**

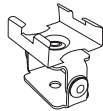
CODE	DESCRIPTION
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PRG.A002x.F06.RGY



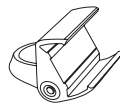
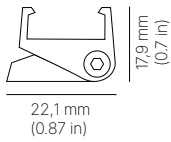
Rotatable silver holder

PRG.A002x.F06.PBK



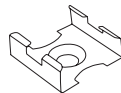
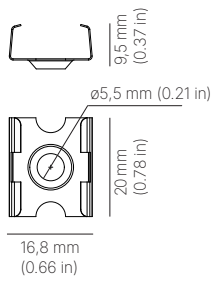
Rotatable black holder

PRG.A002x.F04.RGY



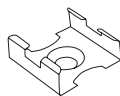
Plastic rotatable holder

PRG.A002x.F03.GZK



Zink holder

PRG.A002x.F01.PBK



Black zink holder

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## POWER SUPPLY - INDOOR



**Item No:** DRI.V24.ILS.FO.SE.00001  
**Description:** Power supply 100W 120 - 227 VAC 5 - year warranty  
**Color:** Static White  
**Voltage:** 24V DC  
**Control:** FO  
**Certification:** CE, UL listed

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## POWER SUPPLY - OUTDOOR

**Item No:** DRI.V24.OCO.FO.TR.00030  
**Description:** Power supply 96W 24V 90 - 305 VAC 5 - year warranty  
**Color:** Static White  
**Voltage:** 24V DC  
**Control:** FO  
**Certification:** CE, UL listed