



Area: Outdoor Luminaires



Category: Linear lighting / decorative lighting / Cove



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

Ula L IP65 is a modular linear LED light with a opal cover designed for long-term outdoor professional lighting applications.

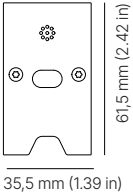
These waterproof Ula L IP65 modular LED lights are fitted with the highest quality NICHIA LEDs, with a wide range of Color rendering index (CRI) and Color temperature (CCT) options to choose from. NICHIA LEDs guarantees highest quality lighting and super-high efficacy. This LED strip is available with 3 Step MacAdam or Single Bin LEDs. Opal cover ensures continuous light effect without dark spots.

Each module has integrated connectors for easy and reliable connection to other modules. Connectors are hidden inside the modules and segments connect into a seamless line.

TECHNICAL DATA

Voltage	24 V
LED lumen maintenance	L90B10 > 60.000 h
Light engine	Any LED strip up to 33 W/m
Cover	Opal / Clear (available on request)
Housing color	● Black, ○ White, ● Grey, ● Custom
Control	Dimmable

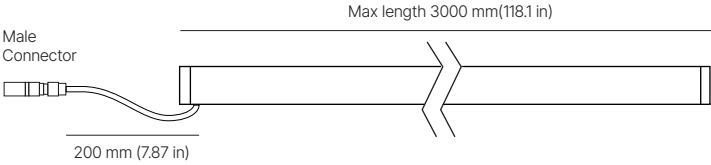




DIMENSIONS

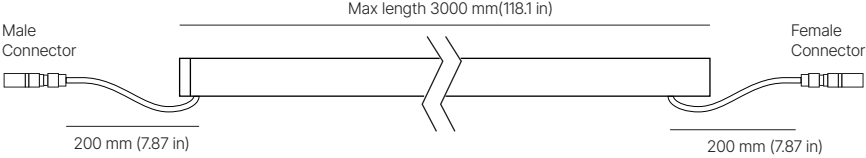
LUMINAIRE

One cable, two endcaps



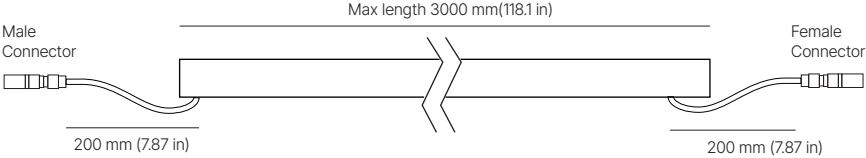
START

Two cables, endcap at the start



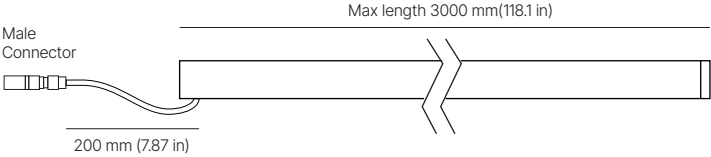
MIDDLE

Two cables, no endcaps



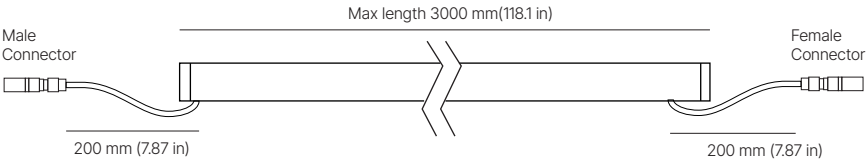
END

One cable, endcap at the end



FULL MODULE

Two cables, two endcaps



Final length of the luminaire calculated:

L = C x N + E + 6mm(0,24 in);

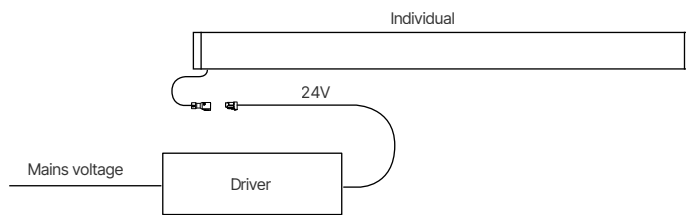
- L = Luminaire length
- C = Cutting Step
 - White 24V: 125 mm (4.9 in)
 - White 48V: 250mm (9.8 in)
 - TW: 125m (4.9 in)
 - RGB: 125mm (4.9 in)
- N = Quantity Of Segments. 2 < N < 72

- E = Exit cable
 - Individual - 6mm (0.23 in)
 - Start - 4mm (0.16 in)
 - Middle - 2mm (0.08 in)
 - End - 4mm (0.16 in)
 - Full set - 6mm (0.23 in);

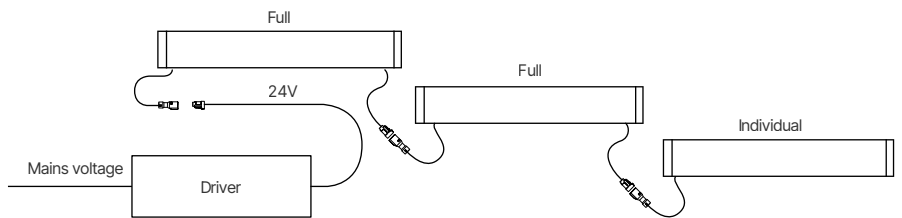
Note: Length tolerance +-3mm/m (0.11 in)

CONNECTION TYPES

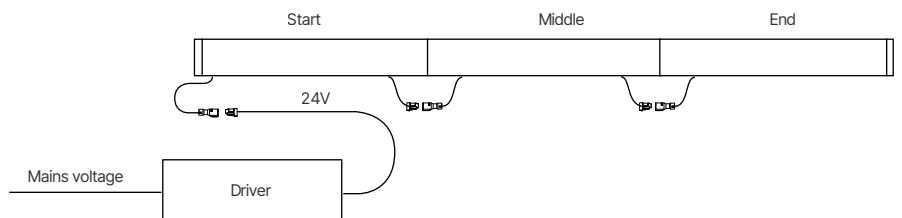
INDIVIDUAL module



FULL module



CONTINUOUS LINE module (for OUTDOOR OPAL ONLY)



CONNECTORS & WIRES

OUTDOOR

T1X - MALE CONNECTORS

For white

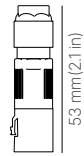
For tunable white, RGB , RGBW



Ø 14 mm
(0.5 in)



Ø 23 mm
(0,9 in)



53 mm(2.1 in)



57 mm(2.24 in)

T1X - FEMALE CONNECTORS



Ø 14 mm
(0.5 in)



Ø 23 mm
(0,9 in)



53 mm(2.1 in)



66 mm(2.6 in)

WIRES

NT20N



Ø 5,3mm (0.2 in)



NT60N



Ø 6,9mm (0.27 in)



WIRE LENGTHS AVAILABLE

CODE	L200	L1000	L2000	L10000
LENGHT	200mm	1000mm	2000mm	10000mm
	0ft 1in	3ft 3in	6ft 6in	32ft 10in

LUMENS

White

SPECTRUM	CRI	lm/m (lm/ft)	POWER		
			19.2W/m (5.84W/ft)	24W/m (7.3W/ft)	33,4W/m (10.2W/ft)
820/822/825/827/830/ 835/840/850/865	CRI 80+	lm/m (lm/ft)	1002-1470 (305-448)	1244-1820 (379-554)	1704-2504 (519-762)
920/922/925/T927/T930/ T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	812-1435 (247-437)	1002-1779 (305-542)	1366-2449 (416-746)
027/030/035/040/050	CRI 95+	lm/m (lm/ft)	942-107 (287-326)	1163-1323 (354-403)	1587-1808 (483-550)
EFFICACY (lm/W)			56	55	54

TUNABLE

SPECTRUM	CRI	lm/m (lm/ft)	POWER		
			19.2W/m (5.84W/ft)	24W/m (7.3W/ft)	33,4W/m (10.2W/ft)
820/865 825/857 827/857 827/850	CRI 80+	lm/m (lm/ft)	1257-1331 (383-405)		2099-2225 (639-677)
920/965 925/957 927/950	CRI 90+tri	lm/m (lm/ft)	1040-1283 (316-391)		1721-2124 (524-647)
027/030 035/050	CRI 95+	lm/m (lm/ft)	991-1048 (301-319)		1610-1709 (490-520)
EFFICACY (lm/W)			65		67

RGB

COLOR	lm/m (lm/ft)	POWER			
		7.2W/m (2.2W/ft)	11.52W/m (3.5W/ft)	14.4W/m (4.38W/ft)	23W/m (7W/ft)
Total	lm/m (lm/ft)	157(48)	238(72)	298(91)	447(136)
EFFICACY (lm/W)		23	22	22	22

RGBW

SPECTRUM	CRI	lm/m (lm/ft)	POWER			
			9,6W/m (2.9W/ft)	14,4W/m (4.38W/ft)	19,2W/m (5.84W/ft)	24W/m (7.3W/ft)
Any combination within this range 822 - 850	CRI 80+	lm/m (lm/ft)	269-318 (82-97)	394-465 (120-142)	610-745 (186-227)	837-1048 (255-319)
Any combination within this range 922 - T950	CRI 90+tri	lm/m (lm/ft)	254-302 (77-92)	369-439 (112-134)	542-692 (165-211)	720-959 (219-292)
EFFICACY (lm/W)			31	31	36	40

TECHNICAL SPECIFICATIONS

SERTIFICATIONS



UL approved



Made in Europe



L90B10
60.000 hours



CE compliant



5- year warranty



NICHIA LEDs



KEY BENEFITS



IP65



UV, salt & solvent resistant



Wide 2000K-6500K white color range



Thermal resistance:
-25° – +50°



Stabilized current design



24 VDC (22.5 - 25 VDC)



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
CRI 95+



Beam angle: 120°



Continuous line light effect without dark spots



Customization for your project



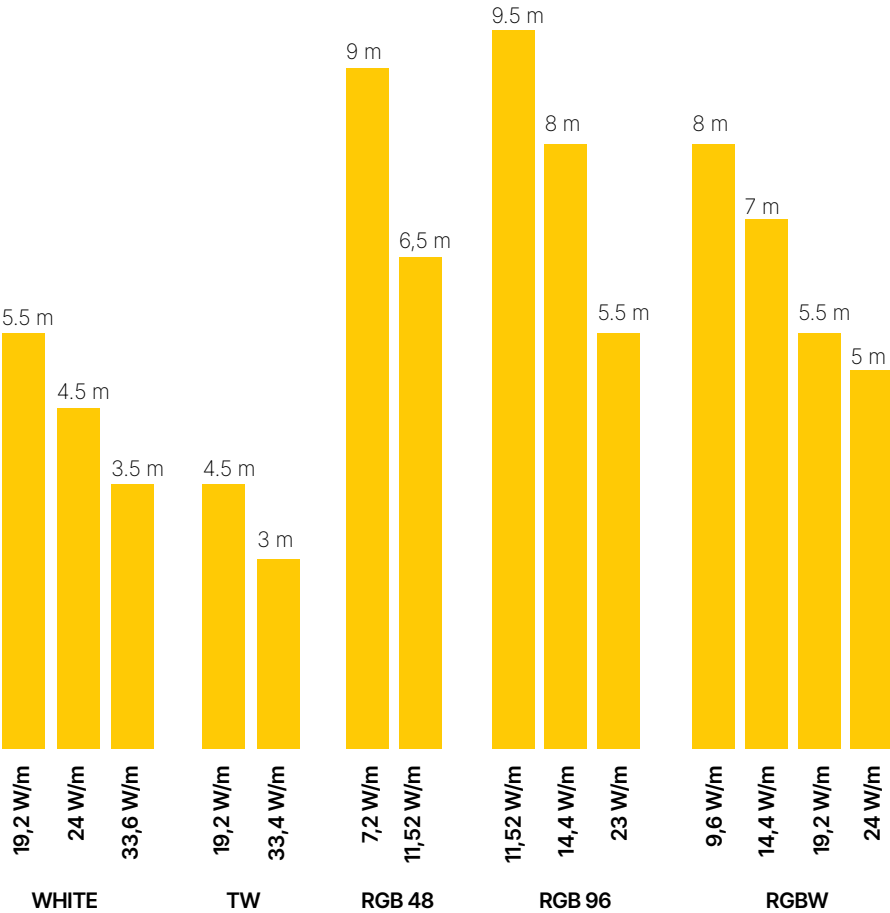
External driver



Reverse voltage protection

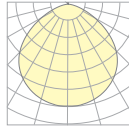
MAX RUN

Possible max length connected to driver from single side.

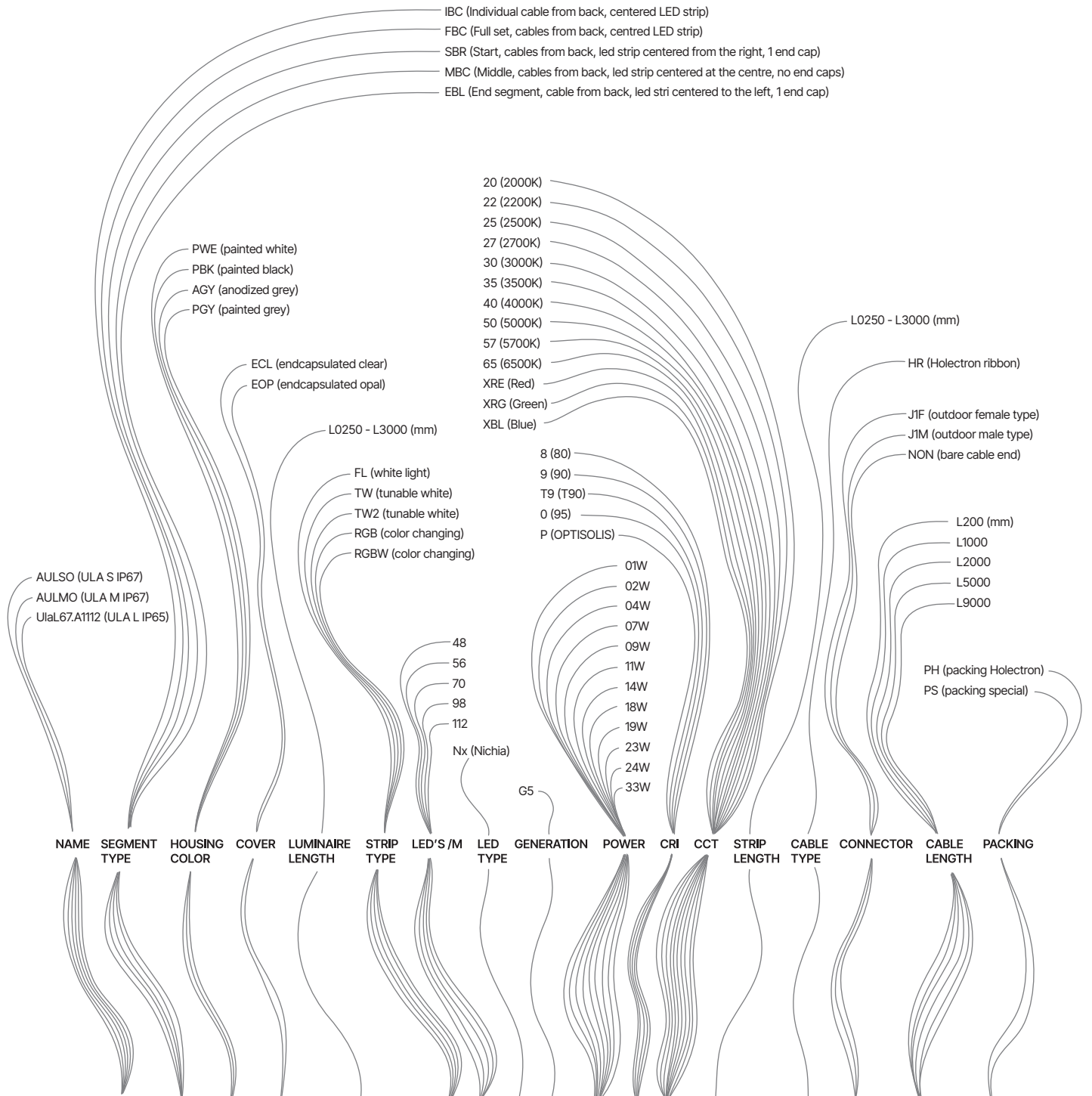


OPTICS

ULAL
LOR 50%



ORDER CODE



AULMO IBC AGY EOP L1006(3'4") / FL112/Nx G5 14W T930 L1000 NC / HR.J1X.L00030 / PH

APPLICATIONS

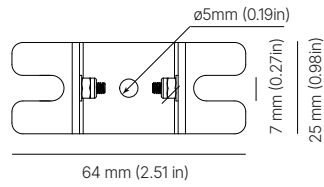
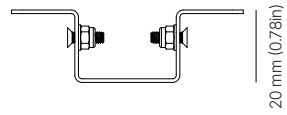
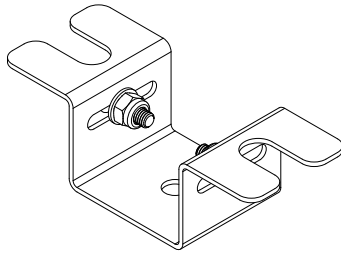


SURFACE HOLDERS

CODE

DESCRIPTION

PRG.A1112.F02.RGY



Screw-fixed mounting bracket

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

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

MAX PRODUCT LENGTH

WHITE 24V

0.5mm ² (AWG 20)	4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)	14.4W/m (4.4W/ft)	19.2W/m (5.9W/ft)
Max cable length between luminaire and driver	Product max run			
1 m	12.5 m	8 m	6 m	4.5 m
2 m	12 m	7.5 m	6 m	4 m
3 m	11.5 m	7.5 m	5.5 m	3.5 m
5 m	11 m	7 m	5 m	3 m
10 m	8.5 m	5 m	3 m	0 m

1.5mm² (AWG 16)

Max cable length between luminaire and driver	Product max run			
1 m	12.5 m	8.5 m	4.5 m	4.5 m
2 m	12.5 m	8.5 m	4.5 m	4.5 m
3 m	12.5 m	8 m	4.5 m	4.5 m
5 m	12 m	8 m	4.5 m	4 m
10 m	11.5 m	7.5 m	4 m	3.5 m

24V TW2 112

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)
1 m	8 m	5 m
2 m	7.5 m	4.5 m
3 m	7.5 m	4.5 m
5 m	7 m	4 m
10 m	5.5 m	2 m

1.5mm² (AWG 16)

1 m	8 m	5 m
2 m	8 m	5 m
3 m	8 m	5 m
5 m	8 m	5 m
10 m	7.5 m	4.5 m

24V TW 56 N5

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)	33.6W/m (10.2W/ft)
Max cable length between luminaire and driver	Product max run		
1 m	7.5 m	4.5 m	2.5 m
2 m	7 m	4 m	2.5 m
3 m	7 m	4 m	2.5 m
5 m	6.5 m	4 m	2.5 m
10 m	5.5 m	3.5 m	2 m

1.5mm² (AWG 16)

Max cable length between luminaire and driver	Product max run		
1 m	7.5 m	4.5 m	2.5 m
2 m	7.5 m	4 m	2.5 m
3 m	7.5 m	4 m	2.5 m
5 m	7.5 m	4 m	2.5 m
10 m	7 m	4 m	2.5 m

24V TW 70 N5

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)	33.6W/m (10.2W/ft)	45.6W/m (14.6W/ft)
1 m	7.5 m	4.5 m	2.5 m	1.5 m
2 m	7.5 m	4 m	2.5 m	1.5 m
3 m	7.5 m	4 m	2.5 m	1.5 m
5 m	7 m	4 m	2 m	1.5 m
10 m	6.5 m	3.5 m	1.5 m	1 m

1.5mm² (AWG 16)

1 m	7.5 m	4.5 m	2.5 m	1.5 m
2 m	7.5 m	4 m	2.5 m	1.5 m
3 m	7.5 m	4 m	2.5 m	1.5 m
5 m	7.5 m	4 m	2.5 m	1.5 m
10 m	7.5 m	4 m	2 m	1.5 m

MAX PRODUCT LENGTH

24V TW2 112

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)	33.6W/m (10.2W/ft)	48W/m (14.6W/ft)
1 m	8 m	8 m	3 m	2.5 m
2 m	7.5 m	7.5 m	3 m	2.5 m
3 m	7.5 m	7.5 m	3 m	2 m
5 m	7 m	7 m	2.5 m	2 m
10 m	5.5 m	5.5 m	2 m	1.5 m

1.5mm² (AWG 16)

1 m	8 m	5 m	3 m	2.5 m
2 m	8 m	5 m	3 m	2.5 m
3 m	8 m	5 m	3 m	2.5 m
5 m	8 m	5 m	3 m	2.5 m
10 m	7.5 m	4.5 m	2.5 m	2 m

24V 48 RGB

0.5mm ² (AWG 20)	7.2W/m (2.2W/ft)	11.5W/m (1.5W/ft)
1 m	8.5 m	5.5 m
2 m	8 m	5.5 m
3 m	8 m	5 m
5 m	7.5 m	4.5 m
10 m	7 m	3.5 m

1.5mm² (AWG 16)

1 m	8.5 m	5.5 m
2 m	8.5 m	5.5 m
3 m	8.5 m	5.5 m
5 m	8.5 m	5.5 m
10 m	8 m	5 m

24V 96 RGB

0.5mm ² (AWG 20)	11.5W/m (1.5W/ft)	14.4W/m (4.4W/ft)	23W/m (4.4W/ft)
1 m	9 m	7.5 m	4.5 m
2 m	8.5 m	7 m	4 m
3 m	8.5 m	7 m	3.5 m
5 m	8 m	6 m	2.5 m
10 m	5.5 m	3.5 m	0

1.5mm² (AWG 16)

1 m	9 m	7.5 m	4.5 m
2 m	9 m	7.5 m	4.5 m
3 m	9 m	7.5 m	4.5 m
5 m	8.5 m	7 m	4 m
10 m	8 m	6.5 m	3.5 m