



Area: Outdoor Luminaires



Category: Linear lighting / decorative lighting / Cove



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

Outline IP67 is non-flexible waterproof linear LED light with clear encapsulation.

These IP67 fully water resistant NICHIA LED lights are designed for long-term professional lighting applications and perfectly suit for outdoor LED linear decorative, cove lighting, edge lighting, and many more illumination applications.

To produce our water-proof IP67 linear LED lights we use the highest quality materials, NICHIA LEDs and current stabilization system inside. Encapsulated aluminum housing does not attract dust and dirt, it's easy to clean and UV resistant. All of these features guarantee extra long lifetime and stable performance.

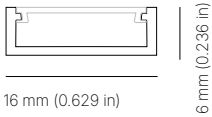
The Outline IP67 White is a robust, high-quality option for illuminating architectural details, windows, pathways, and benches.

TECHNICAL DATA

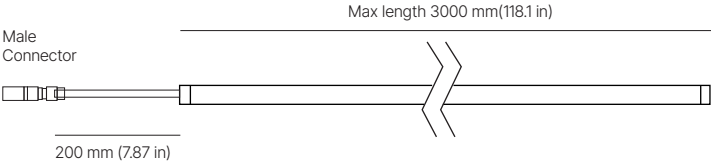
Voltage	24 V
LED lumen maintenance	L90B10 > 60.000 h
Light engine	Any LED strip up to 14 W/m
Connection	Input: plug; Output: socket
Cover	Clear / Opal (available on request)
Housing color	● Black, ○ White, ● Grey, ● Custom
Control	Dimmable



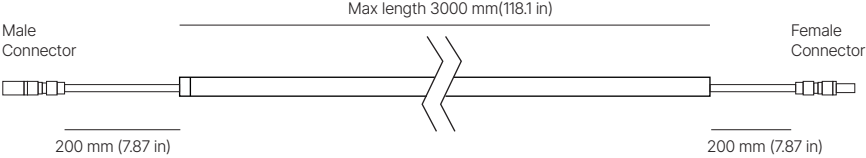
DIMENSIONS



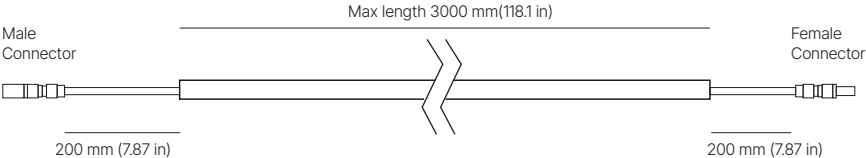
LUMINAIRE
One cable, two endcaps



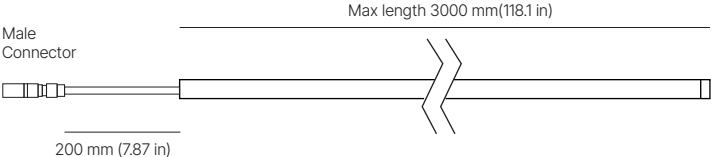
START
Two cables, endcap at the start



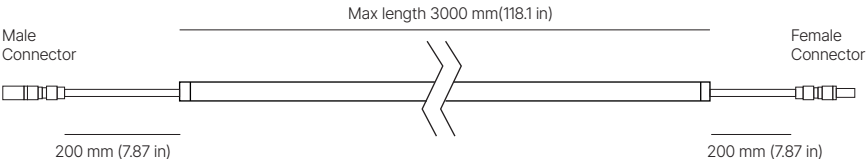
MIDDLE
Two cables, no endcaps



END
One cable, endcap at the end



FULL MODULE
Two cables, two endcaps



Final length of the luminaire calculated:

L = C x N + E;

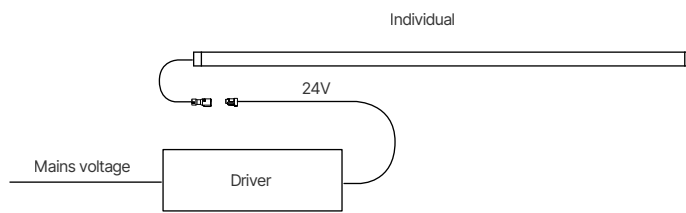
- L = Luminaire length
- C = Cutting Step
 - White 24V: 125 mm (4.9 in)
 - White 48V: 250mm (9.8 in)
 - TW: 125m (4.9 in)
 - RGB: 125mm (4.9 in)
- N = Quantity Of Segments. 2 < N < 72;

- E =Cable exit
 - Individual - 10mm (0.39 in)
 - Start - 6mm (0.24 in)
 - Middle - 2mm (0.08 in)
 - End - 6mm (0.24 in)
 - Full set - 10mm (0.39 in)

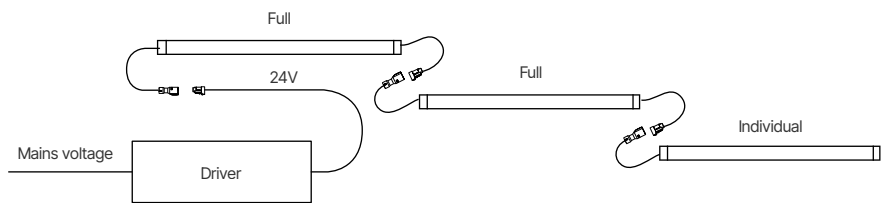
Note: Length tolerance +-3mm/m (0.11 in)

CONNECTION TYPES

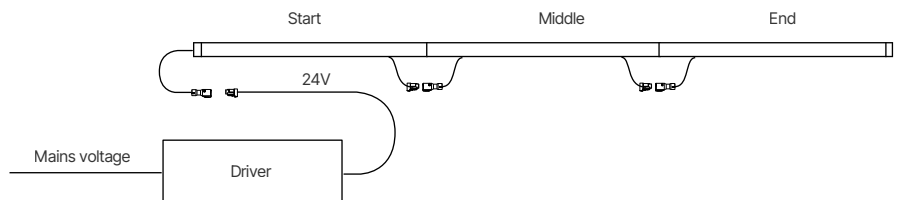
INDIVIDUAL module



FULL module



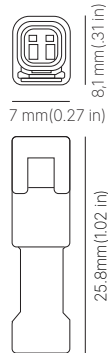
CONTINUOUS LINE module



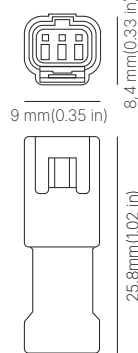
OUTDOOR CONNECTORS

J1X MALE CONNECTORS

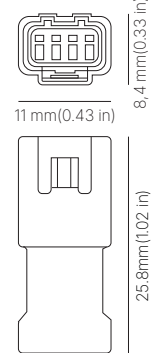
For white



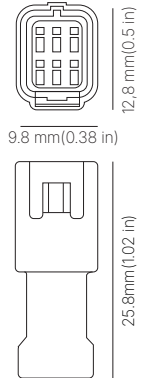
For tunable white



For RGB

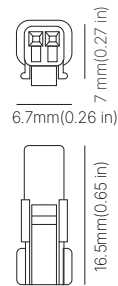


For RGBW

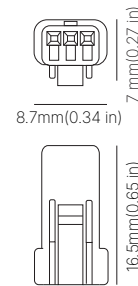


J1X FEMALE CONNECTORS

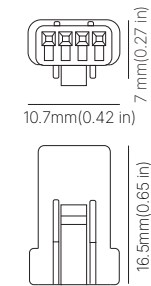
For white



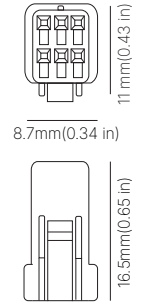
For tunable white



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)
820/822/825/827/830/ 835/840/850/865	CRI 80+	lm/m (lm/ft)	313-471 (95-143)	643-924 (196-281)	930-1362 (283-415)
920/922/925/T927/T930/ T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	262-459 (80-140)	511-902 (156-275)	746-1332 (227-406)
EFFICACY (lm/W)			97	96	94

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)	775-912 (236-278)	
920/T965 925/T957 T927/T950	CRI 90+tri	lm/m (lm/ft)	706-767 (215-234)	
EFFICACY (lm/W)			89	

RGB

SPECTRUM	COLOR	lm/m (lm/ft)	POWER		
			7.2W/m (2.2W/ft)	11.52W/m (3.5W/ft)	14.4W/m (4.38W/ft)
Total		196(60)	298(91)	372(113)	
EFFICACY (lm/W)		27	26	26	

RGBW

SPECTRUM	CRI	lm/m (lm/ft)	POWER	
			9.6W/m (2.9W/ft)	14.4W/m (4.38W/ft)
822 / 825 / 827 / 830 835 / 840 / 850 / 865	CRI 80+	lm/m (lm/ft)	339-401 (103-122)	493-585 (151-178)
922 / T927 / T930 / T935 T940 / T950 / T965	CRI 90+tri	lm/m (lm/ft)	320-379 (97-115)	464-553 (141-168)
EFFICACY (lm/W)			40	38

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: 108°



Continuous line light effect without dark spots



Customization for your project



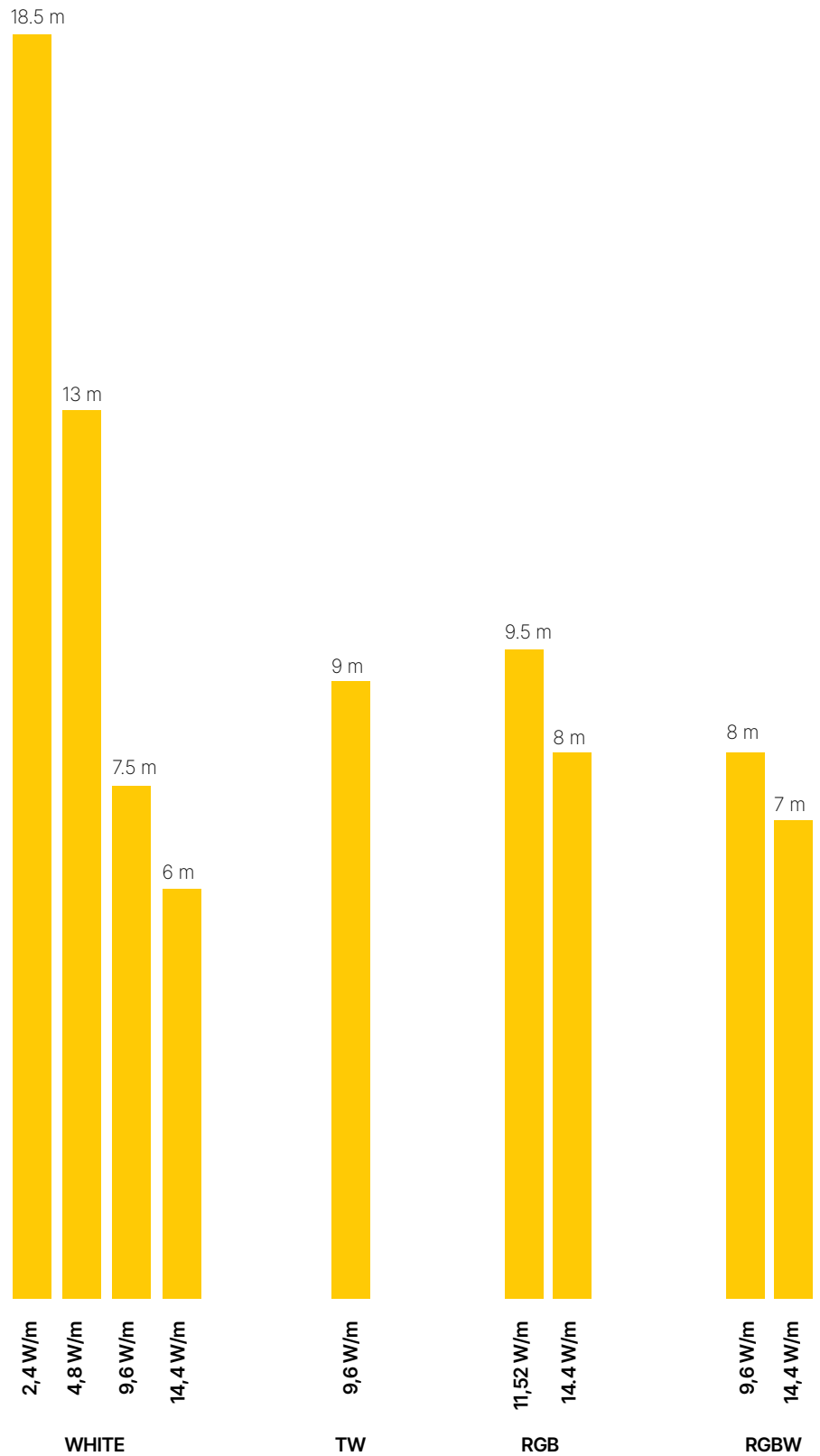
External driver



Reverse voltage protection

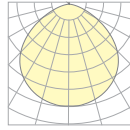
MAX RUN

Possible max length connected to driver from single side.

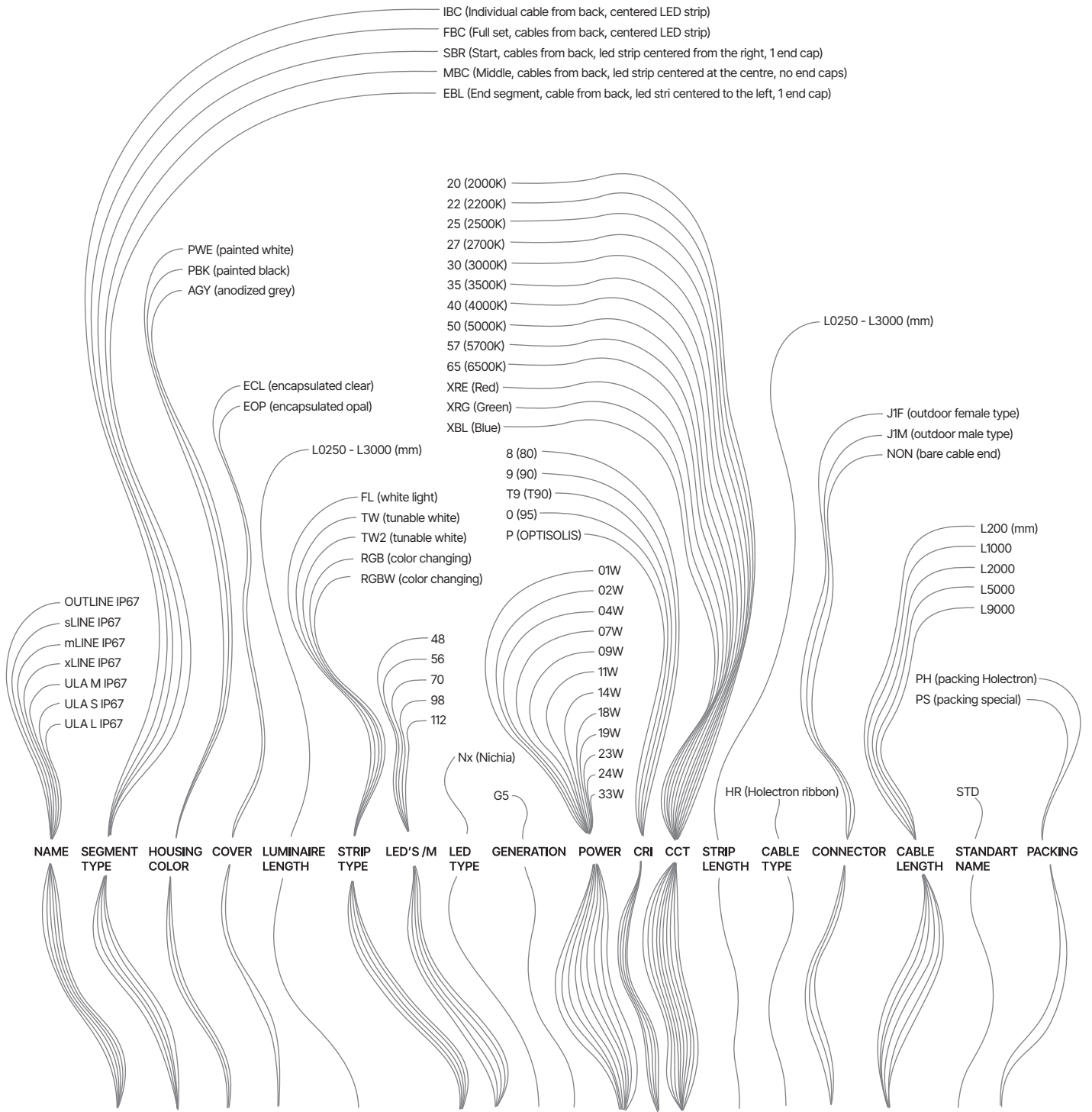


OPTICS

Outline IP67
LOR 62%



ORDER CODE



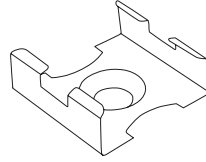
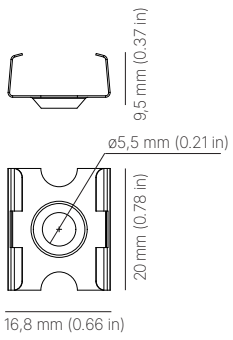
A018N IEC AGY EOP L1011(3'4") / FL175/Nx G4 14W 830 L1000 HR J1x L0200 STD PH

APPLICATIONS



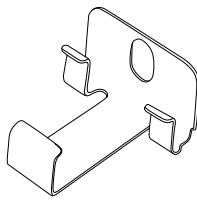
SURFACE HOLDERS

CODE	DESCRIPTION
PRG.A002x.F03.GZK	



Mounting bracket

PRG.A002x.F08.RGY	
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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

1.5mm ² (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)
Max cable length between luminaire and driver	Product max run	
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

1.5mm ² (AWG 16)		
Max cable length between luminaire and driver	Product max run	
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

1.5mm ² (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)
Max cable length between luminaire and driver	Product max run			
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

1.5mm ² (AWG 16)				
Max cable length between luminaire and driver	Product max run			
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				
0.5mm2 (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		
0.5mm2 (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			
0.5mm2 (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