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f @ in alpha_luminaires

ALPHA STAR TRADING LLC are one of the leading traders MEP products. Their primary focus is to offer their customer that is cost effective and consistent in quality. Their products were used in some of the prestigious projects like Burj Khalifa, Metro, Dubai Airport, Marina.

Alpha Star Trading was established in Dubai, United Arab Emirates, with the goal of creating and providing high-quality lighting fixtures with cutting-edge technology. The products are not only environmentally friendly, but they also add to the overall design of the space.

LED Flexible Strips, LED Spot Downlights, LED Neon Flex, Customized & Other Products. These are offered with excellent build quality and finishing, as well as up to 7-year (limited) warranty to ensure the same



Alpha Star Trading
Branch of Prime Technologies (L.L.C)

Reliable LED strips for your projects

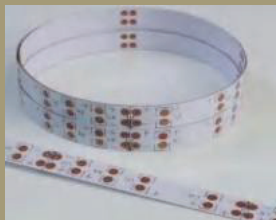
LED

We keep one Bin only, LED must be approved by LM80.



FPC

2oz to 4oz thickness FPC to minimize the voltage drop to ensure the same brightness



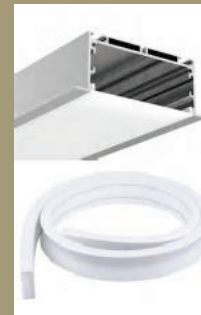
LED Driver

LED driver choose from Meanwell, Osram, Eaglerise to ensure the reliable quality for long-term operation.



Housing Material

Silicone glue is environmental friendly material to produce the waterproof LED Ribbon. Aluminum profile is the best options for linear lighting housing.



Inspection

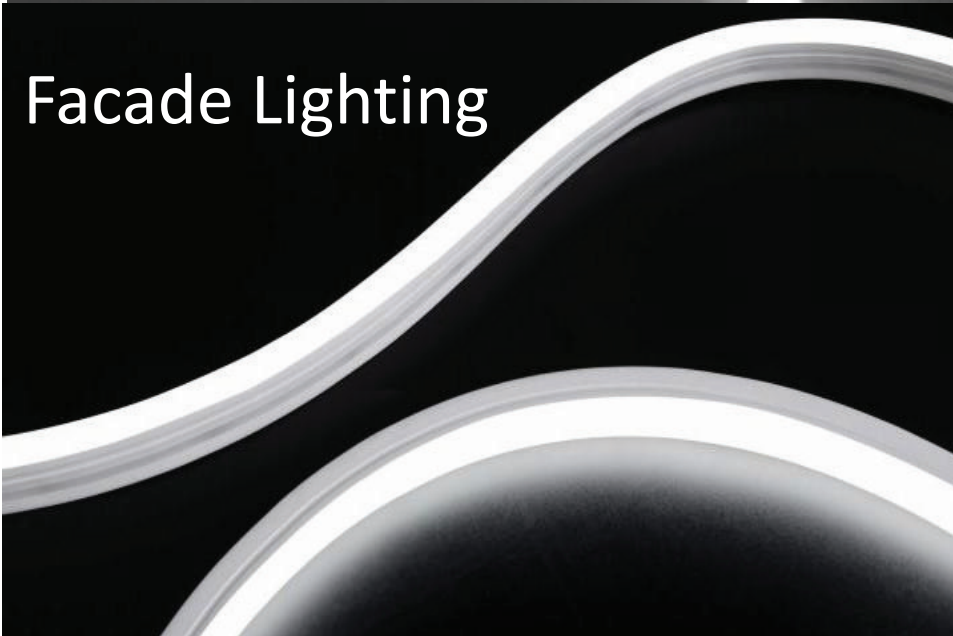
All finished luminaires must be conducted aging test for more than 4 hours.



Application:



Residential Lighting



Facade Lighting

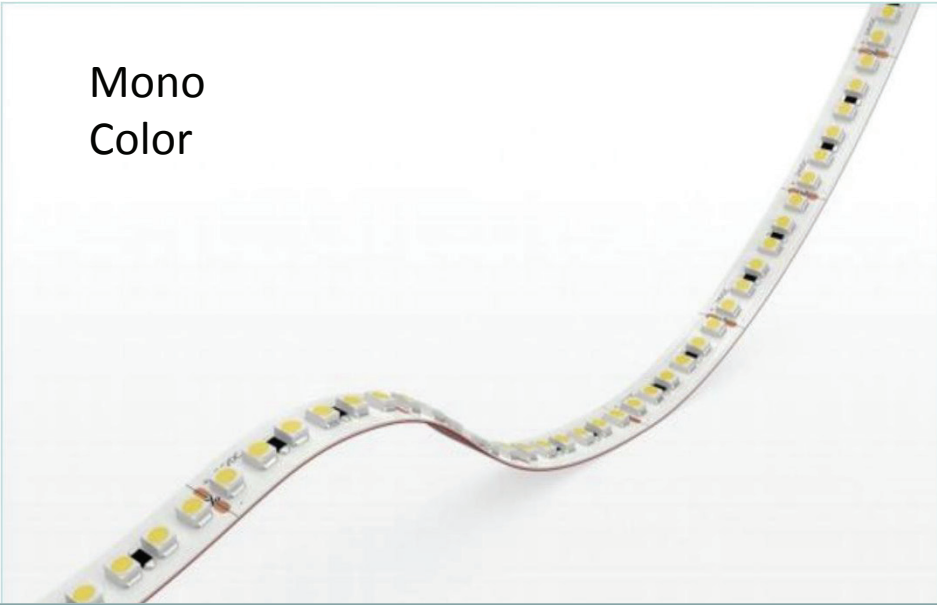


Office Lighting

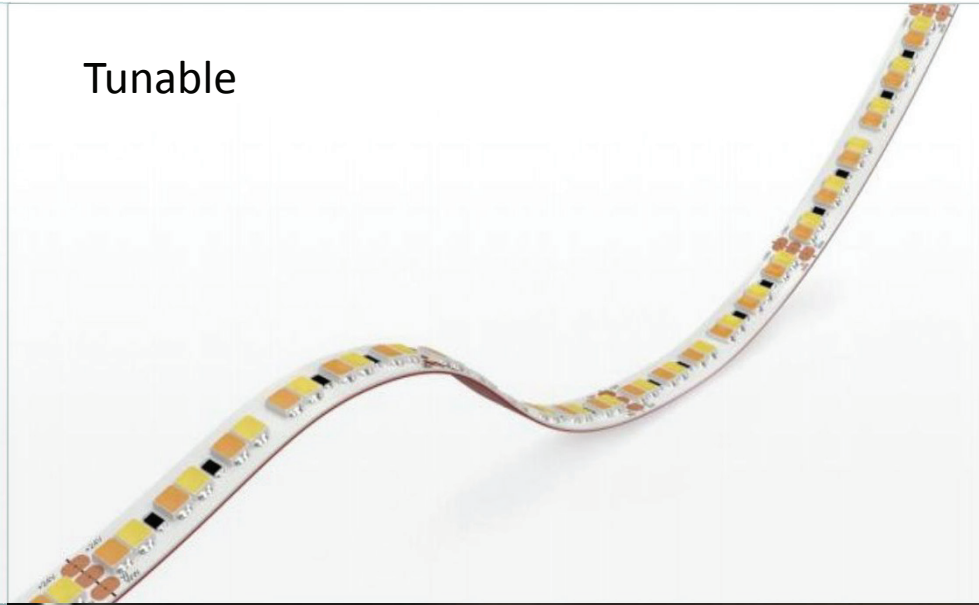
1. Residential Lighting: LED Strip



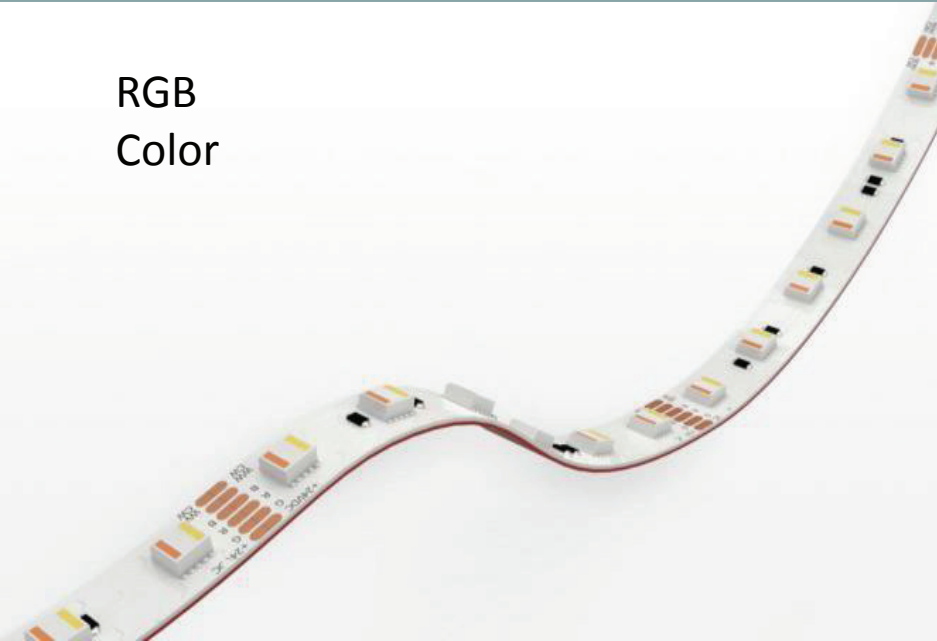
Mono
Color



Tunable



RGB
Color



Lens



LED Strip with Lens

Lumen Efficiency

Up to 100 lm/w

Lumen Output

1300-1800 lm/m

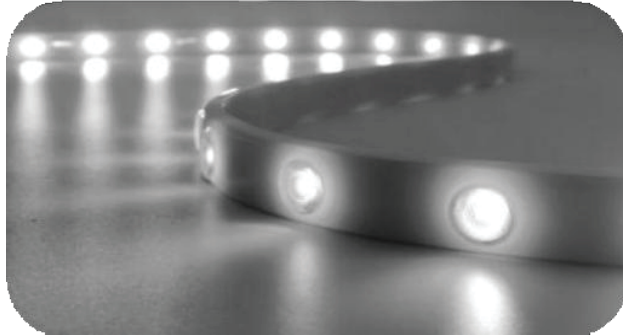
Beam Angle

15° ,30° ,45° ,60°



AFL - 201024

LED Strip with Lens



Features

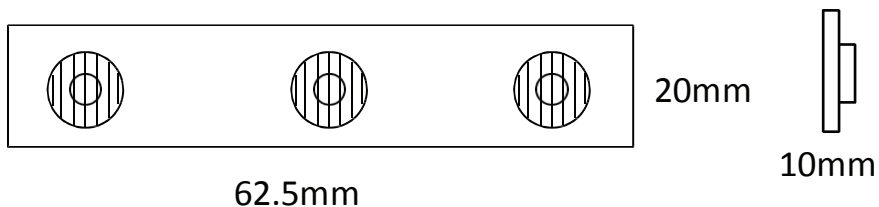
LED with Lens, 3-4 meter wall washer distance

Varios beam angles and colours temperature options

Excellent performance of IP67, IK08, UV4.5

LM80, 3 years warranty

Dimensions

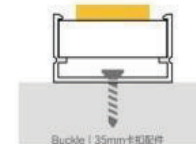


Electrical & Output Data

Colour Temperature	2700K/3000K/4000K/6500K
Power Consumption	18W per meter
Lumen	1730LM/M (*4000k*)
CRI	>80 RA
Input Voltage	24V DC
LEDs/M	24
Cutting Interval	125mm
Dimension	5000x20x10mm (Length could be customized)
Bend Direction	Vertical
Max Length	5000mm
Beam Angle	15° /30° /45° /60°
Shell Color	White
IP Rating	IP67

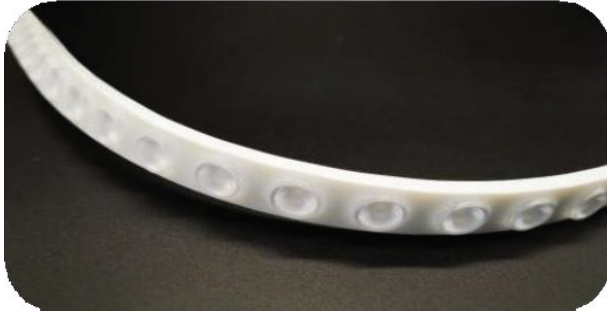
Accessories

1meter Groove adjustable bracket Mounting



AFL - 201048

LED Strip with Lens



Features

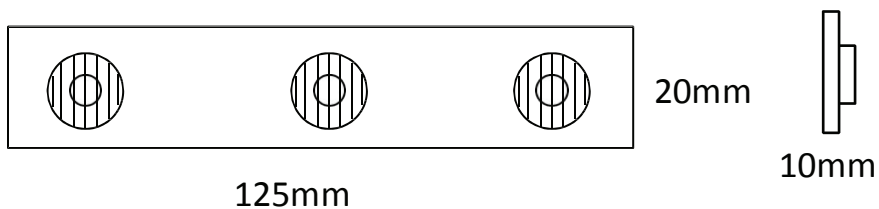
LED with Lens, 3-4 meter wall washer distance

Varios beam angles and colours temperature options

Excellent performance of IP67, IK08, UV4.5

LM80, 3 years warranty

Dimensions

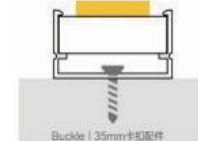


Electrical & Output Data

Colour Temperature	2700K/3000K/4000K/6500K
Power Consumption	24W per meter
Lumen	2200LM/M (*4000k*)
CRI	>80 RA
Input Voltage	24V DC
LEDs/M	48
Cutting Interval	62.5mm
Dimension	5000x20x10mm (Length could be customized)
Bend Direction	Vertical
Max Length	5000mm
Beam Angle	15° /30° /45° /60°
Shell Color	White
IP Rating	IP67

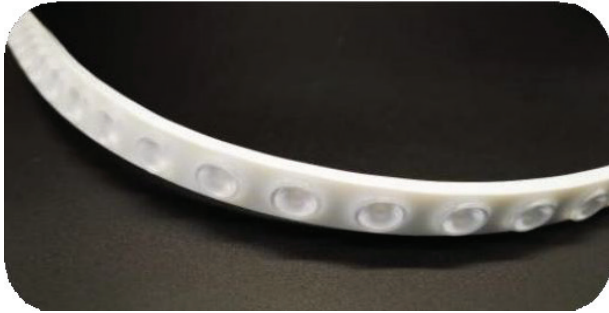
Accessories

1meter Groove adjustable bracket Mounting



AFL - 201048 - Tunable

LED Strip with Lens



Features

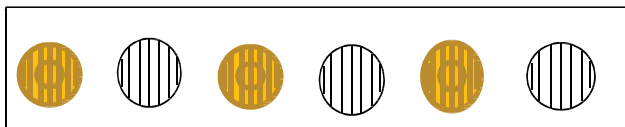
LED with Lens, 3-4 meter wall washer distance

Varios beam angles and colours temperature options

Excellent performance of IP67, IK08, UV4.5

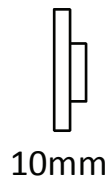
LM80, 3 years warranty

Dimensions



125mm

20mm



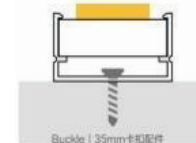
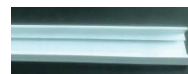
10mm

Electrical & Output Data

Colour Temperature	2700K~6500K
Power Consumption	24W per meter
Lumen	2200LM/M (*Two colours*)
CRI	>80 RA
Input Voltage	24V DC
LEDs/M	48
Cutting Interval	125mm
Dimension	5000x20x10mm(Length could be customized)
Bend Direction	Vertical
Max Length	5000mm
Beam Angle	15° /30° /45° /60°
Shell Color	White
IP Rating	IP67

Accessories

1meter Groove adjustable bracket Mounting



AFL - 201028 - RGB

LED Strip with Lens



Features

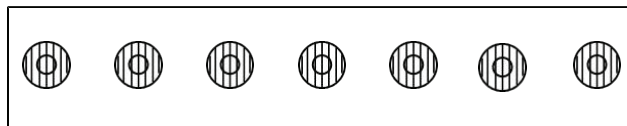
LED with Lens, 3-4 meter wall washer distance

Varios beam angles and colours temperature options

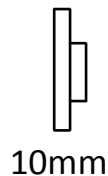
Excellent performance of IP67, IK08, UV4.5

LM80, 3 years warranty

Dimensions



20mm



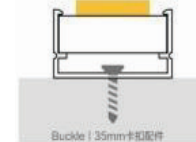
250mm

Electrical & Output Data

Colour Temperature	RGB
Power Consumption	19.2W per meter
Lumen	Red-168LM, Green-432LM, Blue-78LM
CRI	Red, Green, Blue
Input Voltage	24V DC
LEDs/M	28
Cutting Interval	125mm
Dimension	5000x20x10mm (Length could be customized)
Bend Direction	Vertical
Max Length	5000mm
Beam Angle	30° / 60°
Shell Color	White
IP Rating	IP67

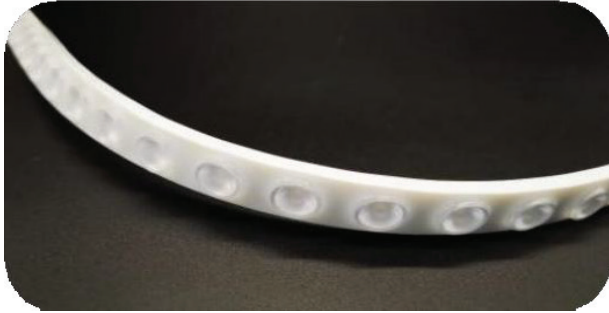
Accessories

1meter Groove adjustable bracket Mounting



AFL - 201028 - RGBW

LED Strip with Lens



Features

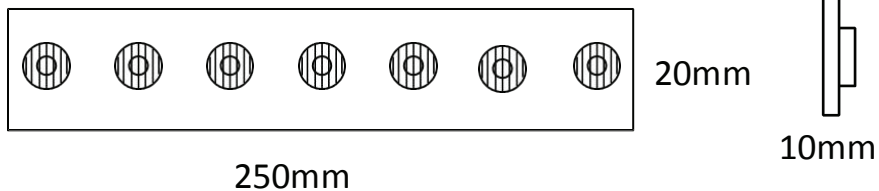
LED with Lens, 3-4 meter wall washer distance

Varios beam angles and colours temperature options

Excellent performance of IP67, IK08, UV4.5

LM80, 3 years warranty

Dimensions

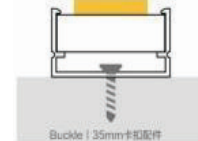
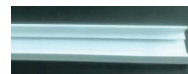


Electrical & Output Data

Colour Temperature	RGB + White
Power Consumption	24W per meter
Lumen	Red-168LM, Green-432LM, Blue-78LM
CRI	Red, Green, Blue
Input Voltage	24V DC
LEDs/M	28
Cutting Interval	250mm
Dimension	5000x20x10mm (Length could be customized)
Bend Direction	Vertical
Max Length	5000mm
Beam Angle	30° / 60°
Shell Color	White
IP Rating	IP67

Accessories

1meter Groove adjustable bracket Mounting



SL-EFFI

High efficiency range

Lumen Efficiency

180-190 lm/w

Lumen Output

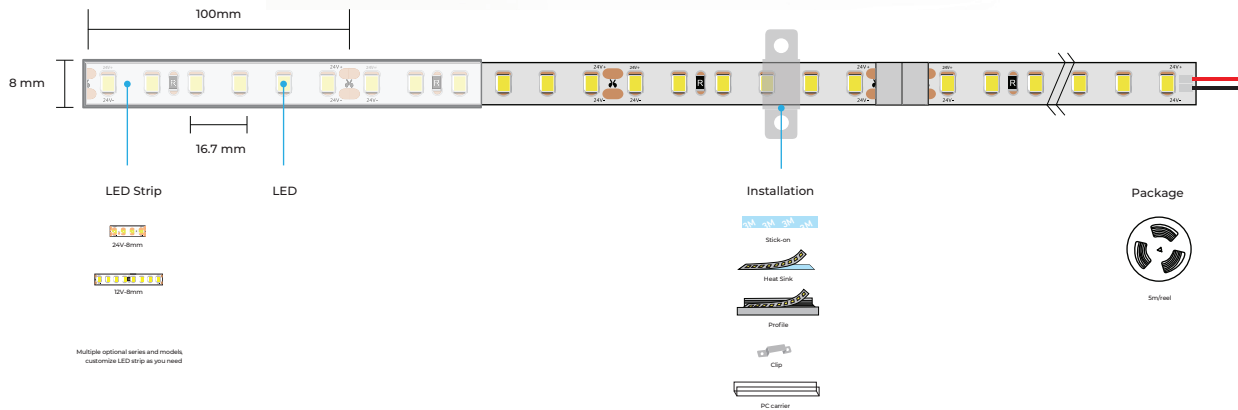
570-1900 lm/m

CRI

90+



AFL - 4.8W



Electrical & Output Data

4.8 W/m

LED Type

TD 2835

CCT Output

2700K/3000K/4000K/6000K

CRI

>95 Ra

Input Voltage

DC 12V / 24V

IP Rating

IP20 / IP62 / IP65 / IP68

LED Quantity

60 per metre

Cut Segment

100 mm (6 LED)

Beam Angle

120°

SDCM

<3

Lifespan

>50000 hours (L70)

AFL - Strip - 96



Electrical & Output Data

LED Type

TD 2835

CCT Output

2700K/3000K/4000K/6000K

CRI

>90 Ra

Input Voltage

DC24 V

IP Rating

IP20 / IP62 / IP65 / IP68

LED Quantity

120 per metre

Cut Segment

50 mm (6 LED)

Beam Angle

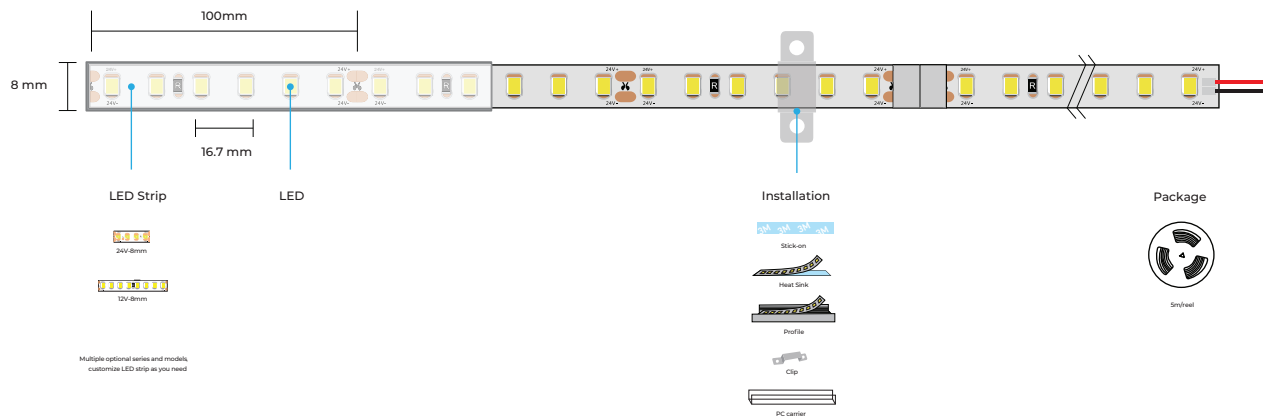
120°

SDCM

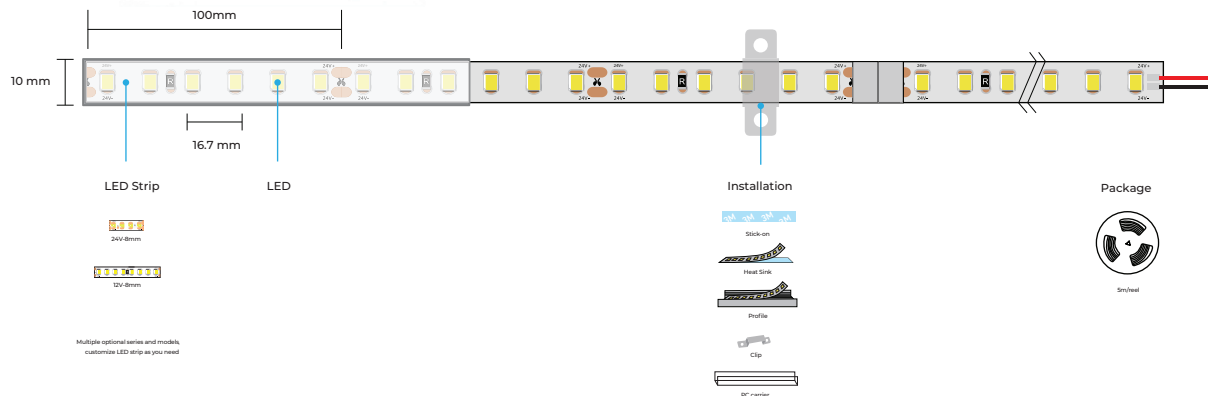
<3

Lifespan

>50000 hours (L70)



AFL - Strip - 144



Electrical & Output Data

LED Type

TD 2835

Lumen Output

1210 lm @ 3000K IP20

CRI

>90 Ra

Input Voltage

DC24 V

IP Rating

IP20 / IP62 / IP65 / IP68

LED Quantity

60 per metre

Cut Segment

100 mm (6 LED)

Beam Angle

120°

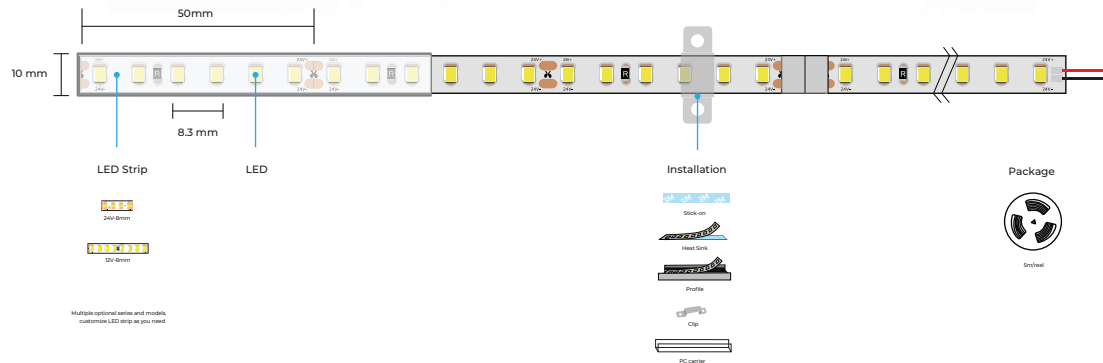
SDCM

<3

Lifespan

>50000 hours (L70)

AFL - Strip - 192



Electrical & Output Data

LED Type

TD 2835

Lumen Output

1870 lm @ 3000K IP20

CRI

>90 Ra

Input Voltage

DC24 V

IP Rating

IP20 / IP62 / IP65 / IP68

LED Quantity

60 per metre

Cut Segment

50 mm (6 LED)

Beam Angle

120°

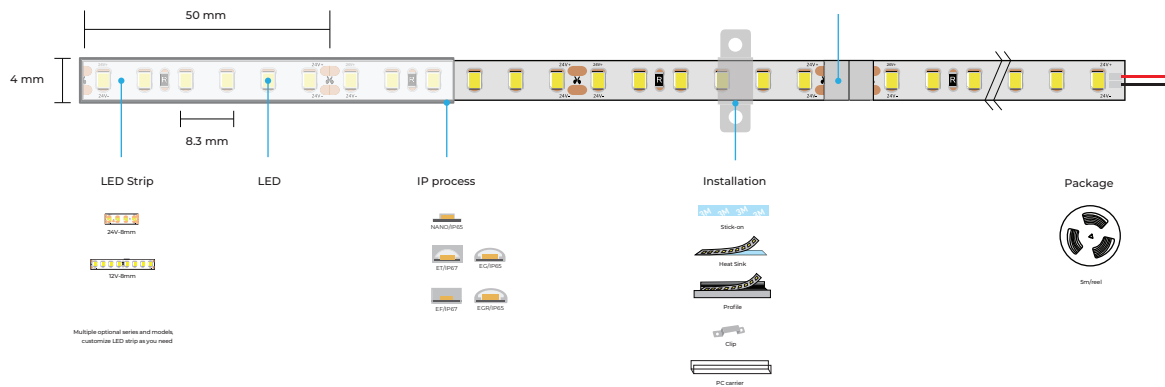
SDCM

<3

Lifespan

>50000 hours (L70)

AFL - Strip - 72



Electrical & Output Data

LED Type

TD 2110

Lumen Output

620 lm @ 3000K IP20

CRI

>90 Ra

Input Voltage

DC24 V

IP Rating

IP20 / IP62

LED Quantity

120 per metre

Cut Segment

50 mm (6 LED)

Beam Angle

120°

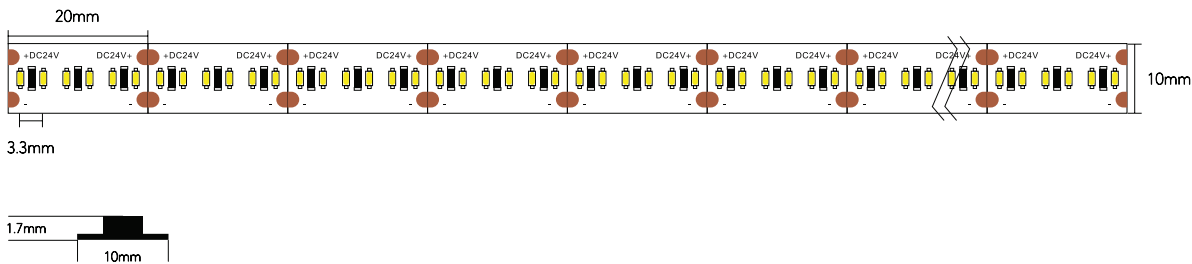
SDCM

<3

Lifespan

>50000 hours (L70)

AFL - Strip - 18



Electrical & Output Data

LED Type

TD 2110

Lumen Output

1270 lm @ 3000K IP20

CRI

>90 Ra

Input Voltage

DC24 V

IP Rating

IP20 / IP65

LED Quantity

300 per metre

Cut Segment

20 mm (6 LED)

Beam Angle

120°

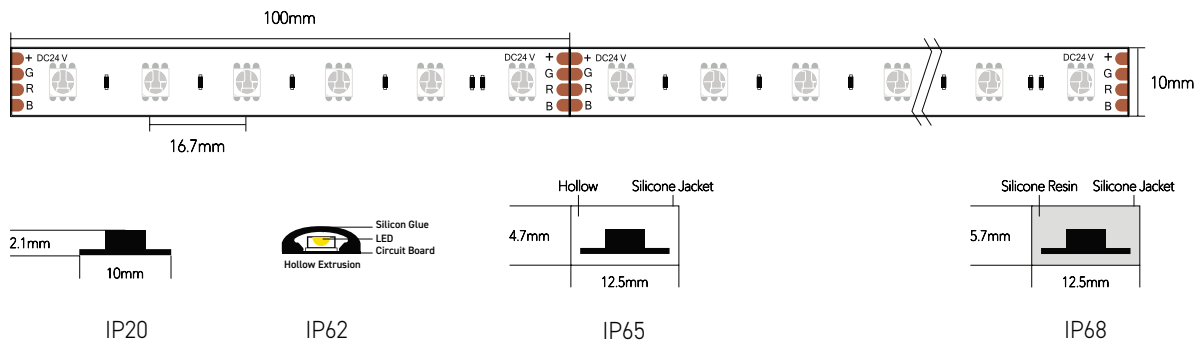
SDCM

<3

Lifespan

>50000 hours (L70)

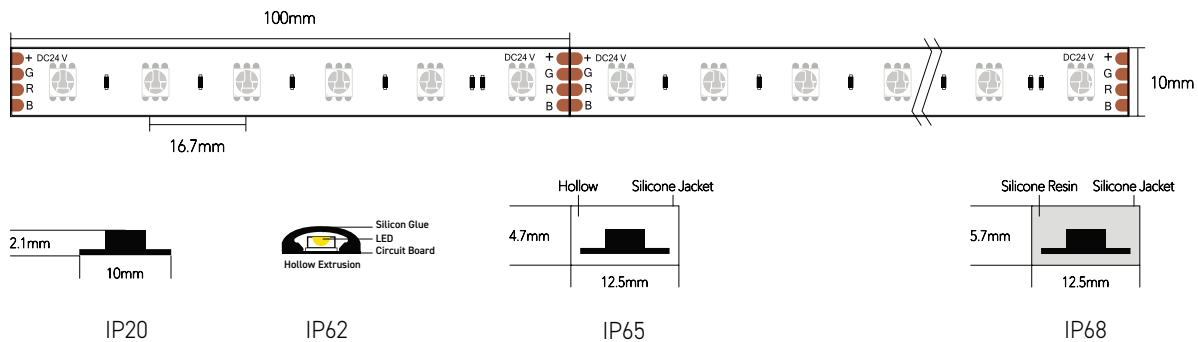
AFL - 144 RGB



Electrical & Output Data

LED Type	TD 5050 (3 in 1)
Lumen Output	-
CRI	>90 Ra
Input Voltage	DC24 V
IP Rating	IP20 / IP65 / IP68
LED Quantity	60 per metre
Cut Segment	100 mm (6 LED)
Beam Angle	120°
SDCM	<3
Lifespan	>50000 hours (L70)

AFL - 192 RGBW



Electrical & Output Data

LED Type
TD 5050 (4 in 1)

Lumen Output
310 lm (3000K IP20)

CRI
>90 Ra

Input Voltage
DC24 V

IP Rating
IP20 / IP65 / IP68

LED Quantity
60 per metre

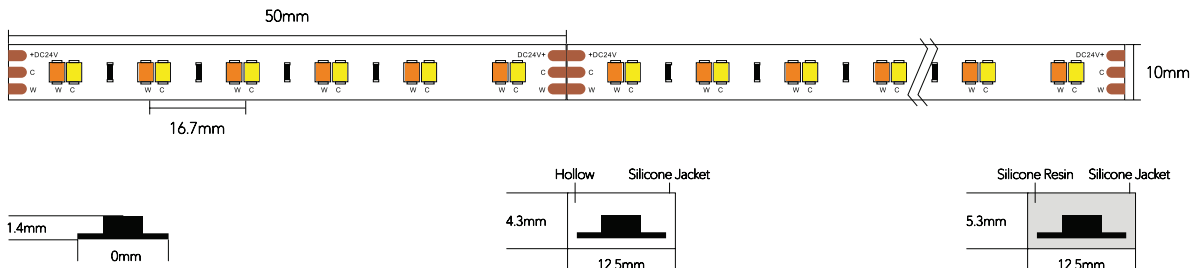
Cut Segment
100 mm (6 LED)

Beam Angle
120°

SDCM
<3

Lifespan
>50000 hours (L70)

AFL - 144 CT



Electrical & Output Data

LED Type
TD 5050 (4 in 1)

Lumen Output
310 lm (3000K IP20)

CRI
>90 Ra

Input Voltage
DC24 V

IP Rating
IP20 / IP62 / IP65 / IP68

LED Quantity
60 per metre

Cut Segment
100 mm (6 LED)

Beam Angle
120°

SDCM
<3

Lifespan
>50000 hours (L70)