PRISM RGBW DMX



5050 SMD | 360° Beam Angle | LM80 | One Bin | DMX 512

360° Bend | Flame Resistant | UV Resistant | Salt Water Resistant | IK08 Protection | Pixel RGBW

DESCRIPTION:

PRISM RGBW DMX Neon Flex is a flexible lighting solution designed to emit uniform, seamless light in a full 360° beam angle. Ideal for decorative, architectural, and signage applications, it combines exceptional flexibility with durability and brilliant all-around illumination. Crafted using high-quality food-grade silicone, this light ensures excellent UV resistance, anti-yellowing, and high-temperature performance. The smooth, dot-free glow and bendable form make it perfect for intricate designs, curves, and creative installations in both indoor and outdoor environments. Control mode : DMX 512.

TECHNICAL DETAILS:

Power : 16W/M
Voltage : DC24V
CRI >90
3 step MacAdam
IC Chips : SM18522PS
Length/Reel : 5M
Cutting length : 83.3mm
Led Qty : 168LEDs/M
Pixels : 12 pixels/M
Working Temperature : -25~60°C
Storage Temperature : -25~70°C
Voltage Range : 23~25V dc
Reverse Voltage : 25V dc
Warranty : 5 years

LUMENS PER METER:

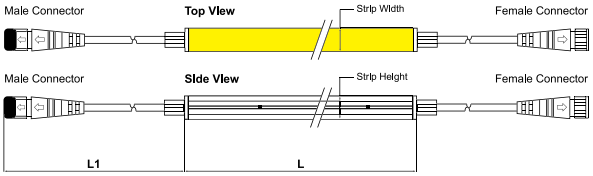
CCT	16W
R	80lm
G	110lm
B	27lm
W/2700K	166lm
W/3000K	175lm
W/4000K	184lm
W/57000K	189lm

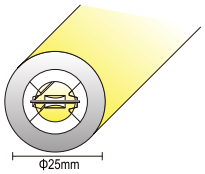
RGBW(3K) 3255lm/M Lumen output may vary depending on RGBW(27K) RGBW(4K) and RGBW(57K).

INSTALLATION : 360° Bend

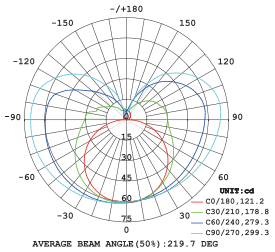
Product Code : 5360025

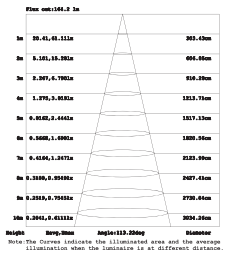
DIMENSION:



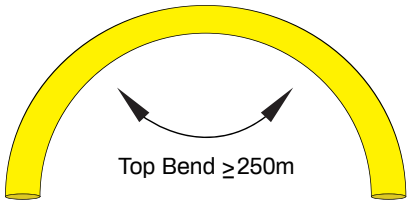


LIGHT DISTRIBUTION:



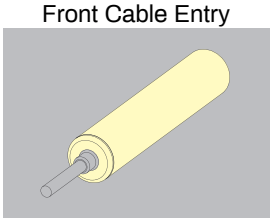


BENDING:

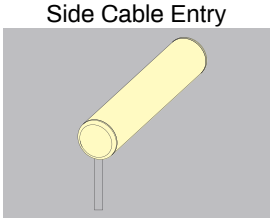


End cap

Front Cable Entry



Side Cable Entry



Standards
EN 60598-1
EN 60598-2-2
EN 60598-3-2

Order Code Ex : 5360025 16 92

Product Code	Power	CCT
5360025	16-16W	92-RGB

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

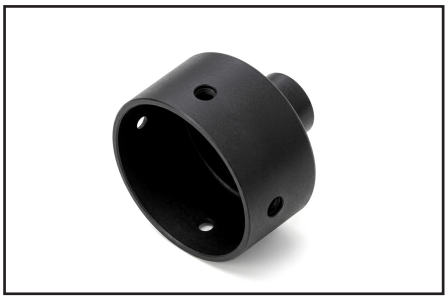
Pluxb Lighting d.o.o
Miklavška cesta 75, SI - 2311 Hoce, SLOVENIA
www.pluxb.com

ACCESSORIES



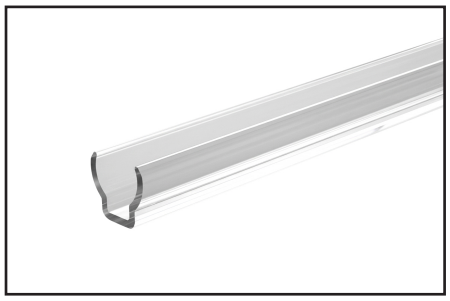
PC Profile
Material: PC
Color: Transparent
Size: 25x30x30mm
Order Code: 5360025-1

Noted: With screws, plastic plugs, hanging rope



Head Cap
Color: Black
Material: Aluminum Alloy
Order Code: 5360025-5

Noted: Metal Cable Entry Head Cap



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Order Code: 5360025-2

Noted: With screws, plastic plugs, hanging rope



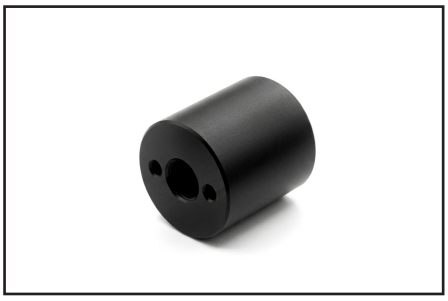
End Cap
Color: Black
Material: Aluminum Alloy
Order Code: 5360025-6

Noted: Metal Cable Entry End Cap



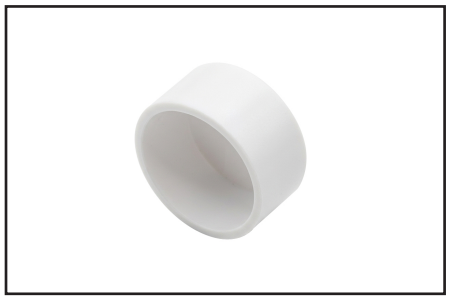
Head Cap
Color: White
Material: Silicone
Order Code: 5360025-3

Noted: Silicone Cable Entry Head Cap



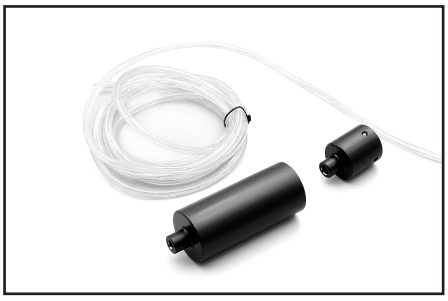
Lift Fixtures A
Color: Black
Material: Aluminum Alloy
Order Code: 5360025-7

Noted: With screws, plastic plugs



End Cap
Color: White
Material: Silicone
Order Code: 5360025-4

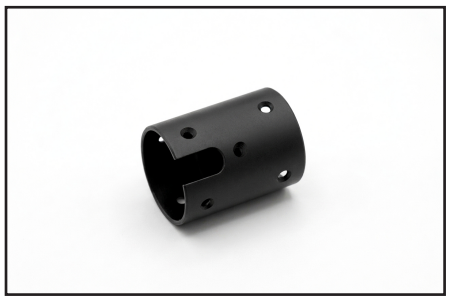
Noted: Silicone Cable Entry End Cap



Lift Fixtures B
Color: Black
Material: Aluminum Alloy
Order Code: 5360025-8

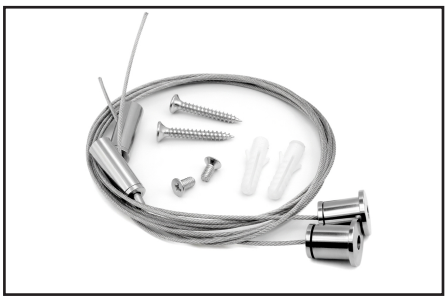
Noted: With screws, plastic plugs

ACCESSORIES



Connector for Side outlet
Color: Black
Noted: With screws
Material: Aluminum Alloy
Order Code: 5360025-9

Noted: With screws



Hanging Rope
Color: Stainless steel
Material: Stainless Steel
Order Code: 5360025-12

Noted: With screws, plastic plugs



Connector
Color: Black
Noted: With screws
Material: Aluminum Alloy
Order Code: 5360025-10

Noted: With screws



Wall Mounted Rotating
Color: Black
Material: Aluminum Alloy
Order Code: 5360025-13

Noted: With screws, plastic plugs



U-shaped Lift Fixtures
Color: Black
Material: Aluminum Alloy
Order Code: 5360025-11

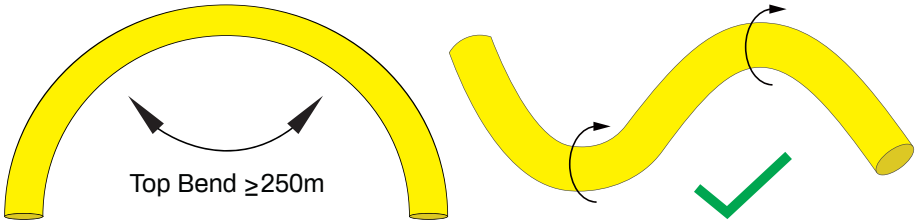
Noted: With screws, plastic plugs



Wall Mounted Rotating
Color: Black
Material: Aluminum Alloy
Order Code: 5360025-14

Noted: With screws, plastic plugs

ADDITIONAL INFO

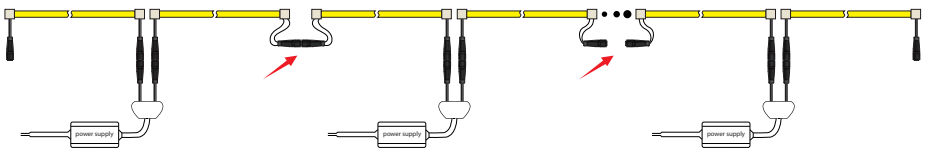


- Please light it up for a quick check before installation.

- Bending diameter of PRISM RGBW DMX 25 is 250mm, do not bend to both direction,or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.

- During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.

- product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, repairs made by the purchaser or incorrect voltage conditions.

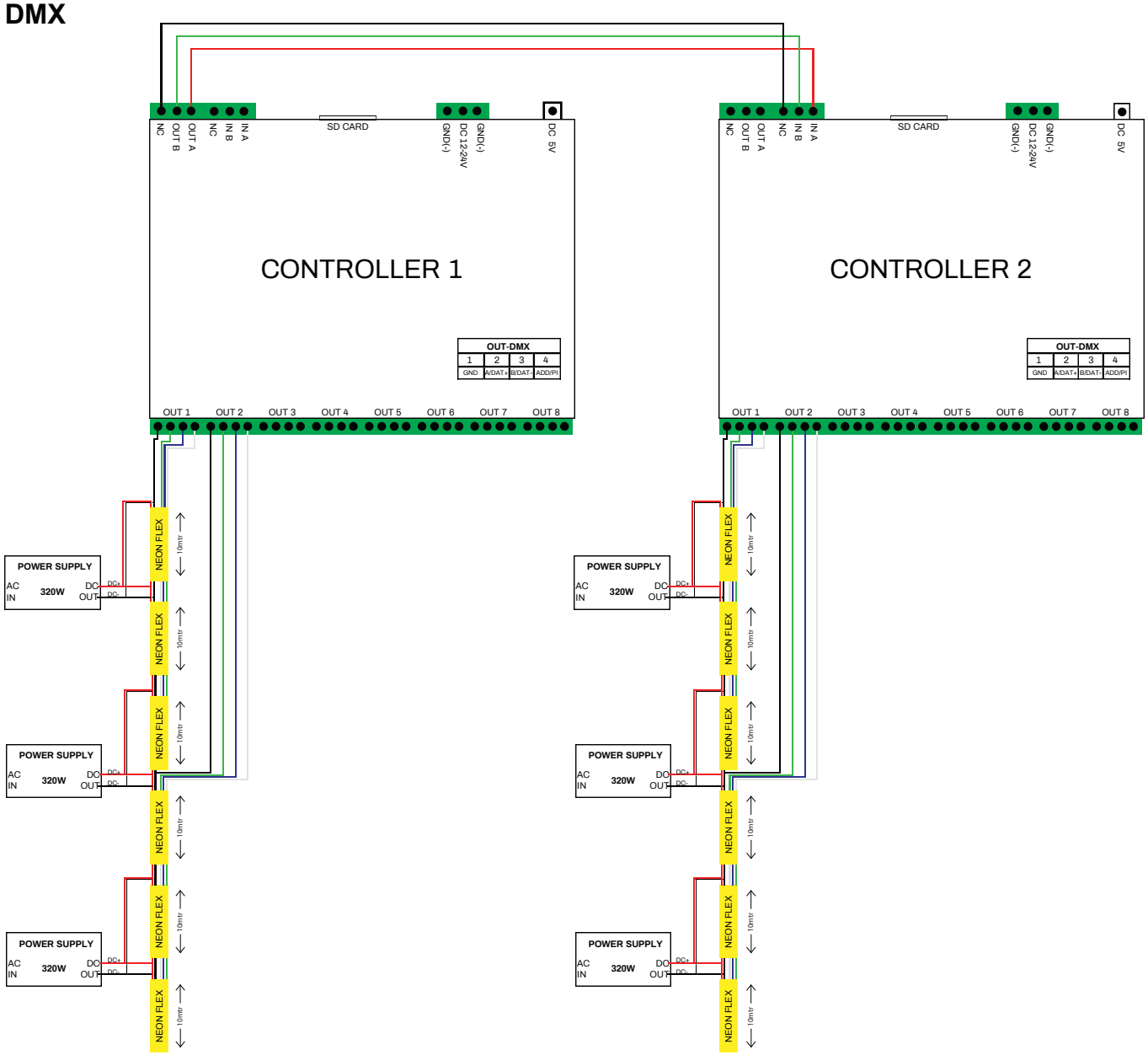


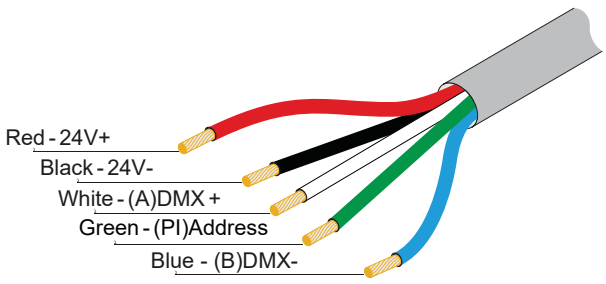
Note:
-16W/M Max. 7mtr run length to double side feed.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 5%.

WIRING DIAGRAM

DMX



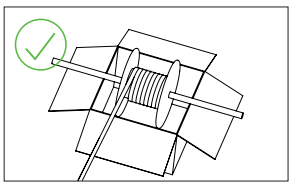


GENERAL MOUNTING

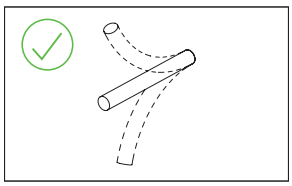
LED neon flex can be fastened to surfaces using appropriate accessories available from distributor. Please refer to data sheets or contact technical support for a copy. The use of glues and resins as fixing agents should be avoided. Use of glues and resins may invalidate the warranty of the product unless it's use is agreed in writing by distributor as part of a detailed project specification.

The images indicate one type of fixing available in the accessories range. The different fixings serve obvious purposes, however when in doubt technical support should be contacted.

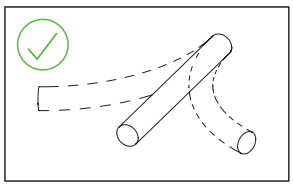
Quantities of accessories and fixings are dependent on the type and its effect on the variant it's being used with. Care should be taken to ensure drooping is avoided, and to ensure that is fastened adequately to avoid stresses on itself.



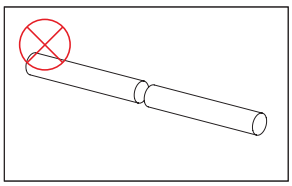
Insert a stick on the reel and place it on the packing box,and rotate the reel to get the product.



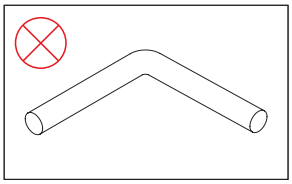
Correct usage



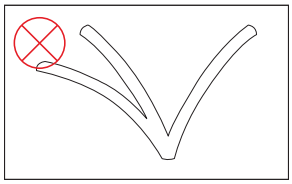
Correct usage



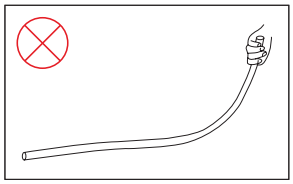
Do not make cuts.



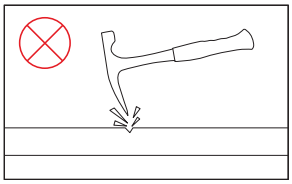
Do not bend at right angles



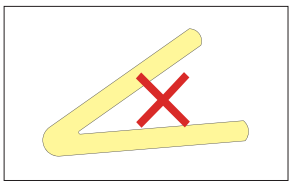
Do not bend many times,for it can endanger electronic lines.



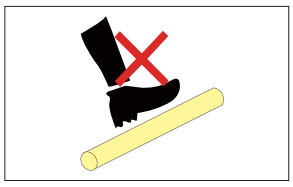
Do not throw or pull when taking products



Avoid touching sharp objects



Small Angle bending is prohibite.



Prohibit trample.

Note:

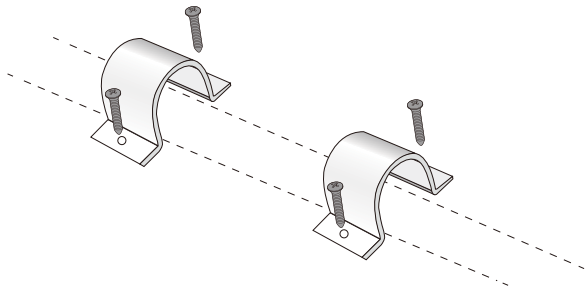
Please pay attention to above warnings when using;

Our company will not be held responsible for any quality hazards caused by damage to the product due to contact with sharp objects.

INSTALLATION

Clips

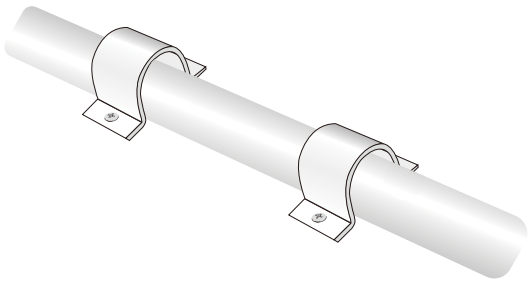
Fix the clips and profile via the screws.



⚠ Suggestion: 2pcs clips per meter.

Neon Series

Simultaneously install the neon from both ends.



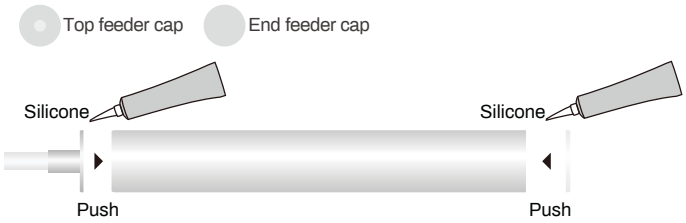
Cutting

Cut the of 360° Series, expose the soldering pad.



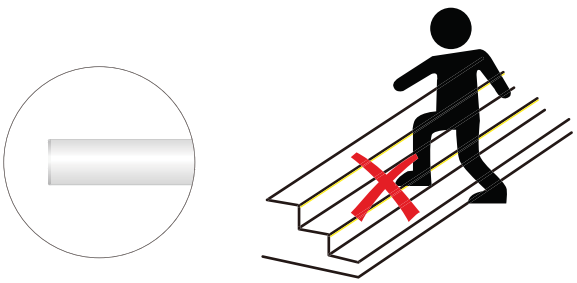
Install Cap

Silicone around the tail of 360° Series and install the cap.

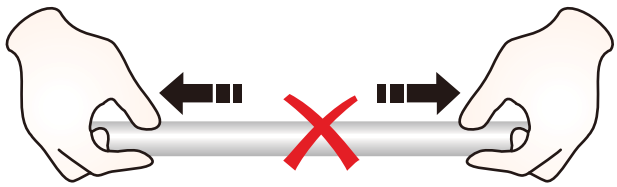


Attention

No Trampling



No Stretching

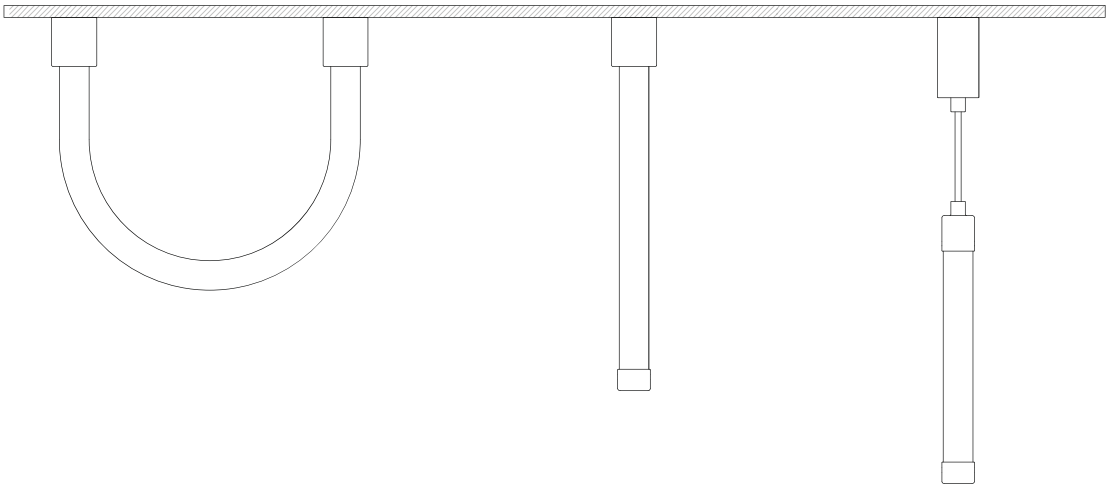


SCHEMATIC DIAGRAM OF INSTALLATION

U-lift

Vertical hoisting A

Vertical hoisting B



Cross hoisting

Surface mounting



Wave lifting

