![U LIGHT logo]

LED NEON FLEX SPECIFICATION

Uneon UNS–ND30–W30–10–CV 360º

ETL
c US
LISTED
INTERTEK
CM
5000906

SGS

TÜV Rheinland ®

Uneon UNS-ND30-W30-10-CV 360º   a003003

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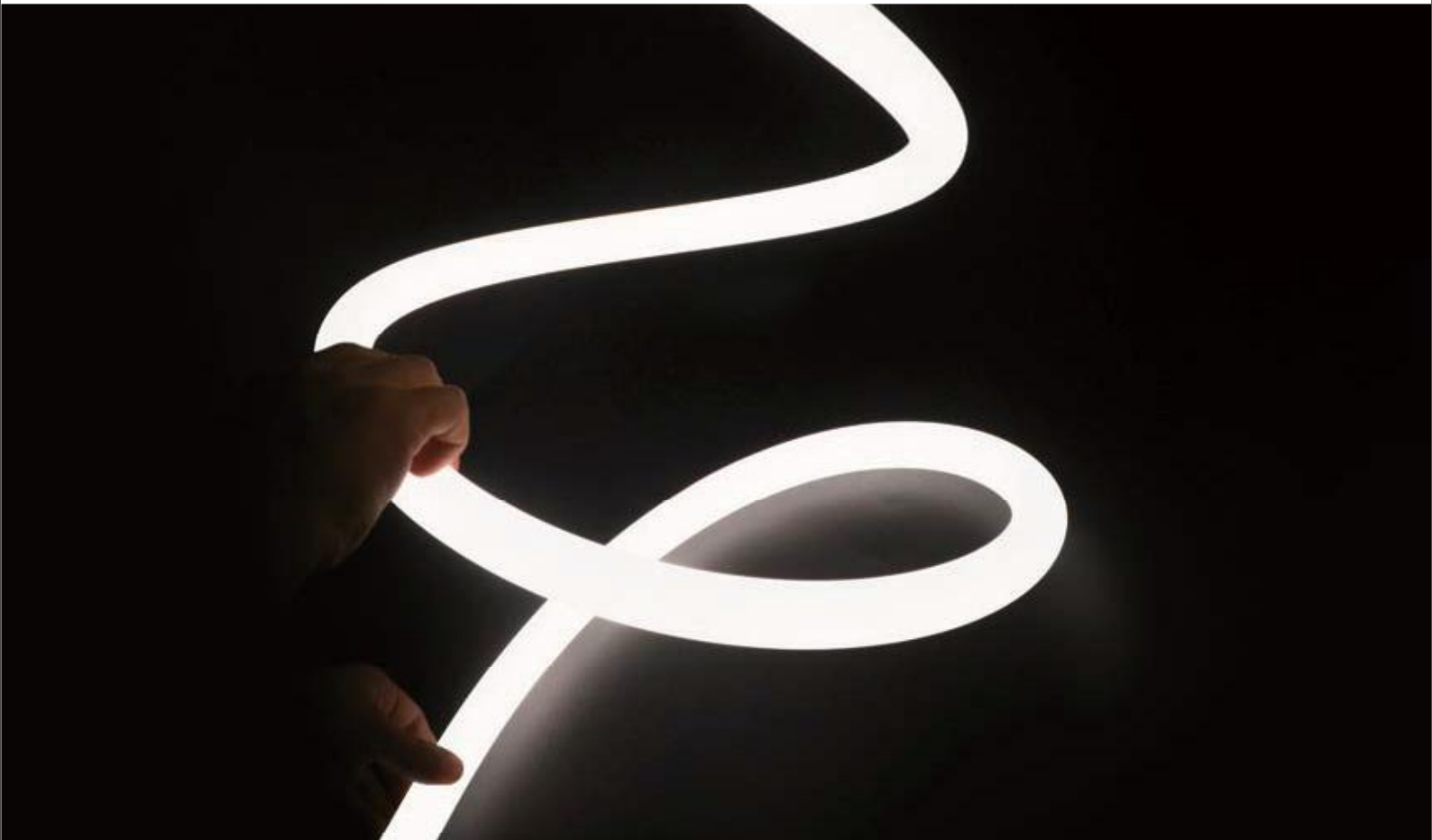
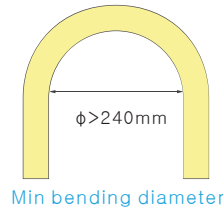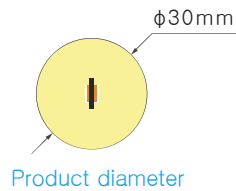| |
|---|
| Regular power 5W/m and 10W/m for option |
| 360° uniform round-glowing design |
| Eight CCT optional from 2100K to 6000K |
| Max length 5 meters with one end power |

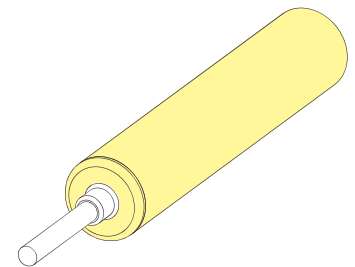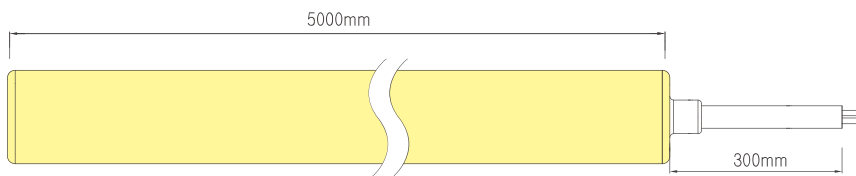2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

2700K 5000K

RGB

| R | P | G | B | Y |

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Uncuttable | 50000 hours Lifetime | LM80 Compliant | WARRANTY 3 YEARS

DIMENSIONS & WATERPROOF

φ30mm

Product diameter

φ>240mm

Min bending diameter

Front entry Integral End cap (IP65)

5000mm

300mm

Cable entry: Front

Metal End Cap(IP65)

5000mm

320mm

18mm
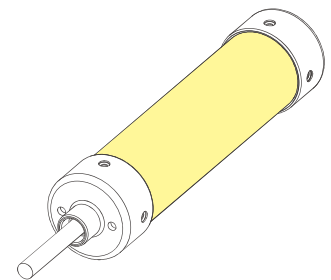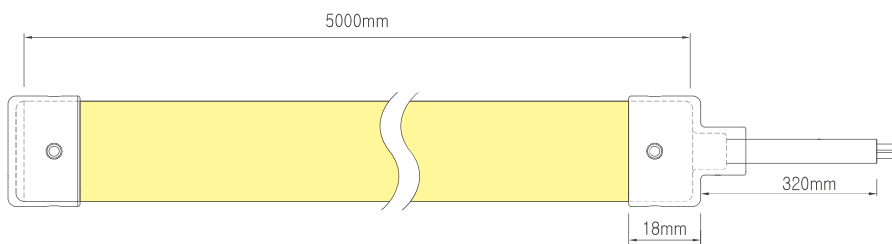
Cable Entry: Front

The Head

The End

The metal guard coil is unavailable if fitted the metal end cap

PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	−25°C~45°C

Color Type	Unit length (m)
Single color	50mm
Tunable white	50mm
RGB color	50mm

Note: Only support factory-customized length, not on-site cutting!

Light distribution curve

Flux out:164.2 lm

Height	Havg,Emax	Angle:113.22deg	Diameter
1m	20.41,61.111x		303.43cm
2m	5.101,15.281x		606.85cm
3m	2.267,6.7901x		910.29cm
4m	1.275,3.8191x		1213.72cm
5m	0.8162,2.4441x		1517.13cm
6m	0.5668,1.6961x		1820.56cm
7m	0.4164,1.2471x		2123.99cm
8m	0.3188,0.95481x		2427.43cm
9m	0.2519,0.75451x		2730.84cm
10m	0.2041,0.61111x		3034.26cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Effective average illumination

UNIT:cd
C0/180,121.2
C30/210,178.8
C60/240,279.3
C90/270,299.3
AVERAGE BEAM ANGLE(50%):219.7 DEG

Light distribution curve

Note: The above data is based on the test results of the single white 3000K led strip.

WHITE COLOR PARAMETERS

Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
Uneon UNS-ND30-W21	2000-2200K	267	5m	491	5m
Uneon UNS-ND30-W24	2300-2500K	263	5m	491	5m
Uneon UNS-ND30-W27	2600-2800K	270	5m	486	5m
Uneon UNS-ND30-W30	2900-3100K	276	5m	460	5m
Uneon UNS-ND30-W35	3300-3700K	303	5m	567	5m
Uneon UNS-ND30-W40	3700-4300K	291	5m	528	5m
Uneon UNS-ND30-W50	4700-5300K	302	5m	564	5m
Uneon UNS-ND30-W60	5700-6300K	293	5m	545	5m

TUNABLE COLOR PARAMETERS

Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
Uneon UNS-ND30-TW	2700 (WW)	136	5m	248	5m
Uneon UNS-ND30-TW	5000 (W)	138	5m	252	5m
Uneon UNS-ND30-TW	3500(WW+W)	259	5m	502	5m

RGB COLOR PARAMETERS

Part Number	Color (nm)	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)
Uneon UNS-ND30-R	Red(620-625nm)	99	5m	223	5m
Uneon UNS-ND30-G	Green(515-525nm)	244	5m	423	5m
Uneon UNS-ND30-B	Blue(460-465nm)	46	5m	95	5m
Uneon UNS-ND30-Y	Yellow(585-595nm)	88	5m	180	5m
Uneon UNS-ND30-P	Pink	183	5m	356	5m
Uneon UNS-ND30-RGB	RGB	140	5m	290	5m

White color CCT: 2200±100K/2700±100K/3200±200K/4500±300K/5500±300K/6500±500K

U LIGHT

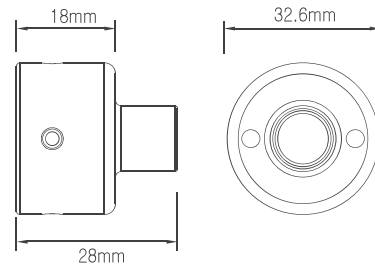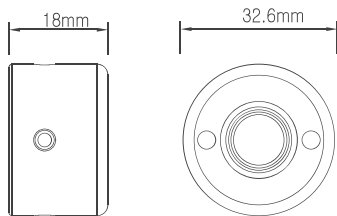## Product accessories information

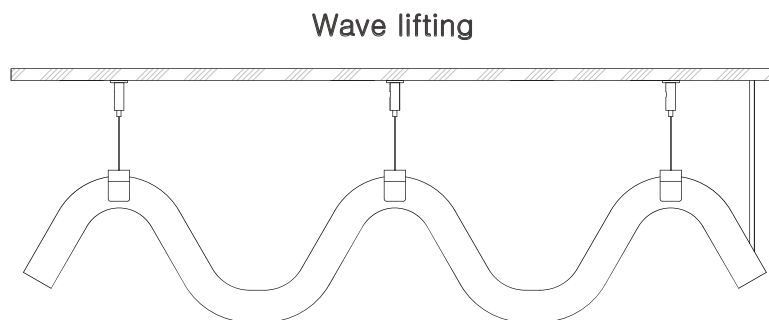
PC transparent clip   L20*W35*H29mm

25.5

30mm

20mm

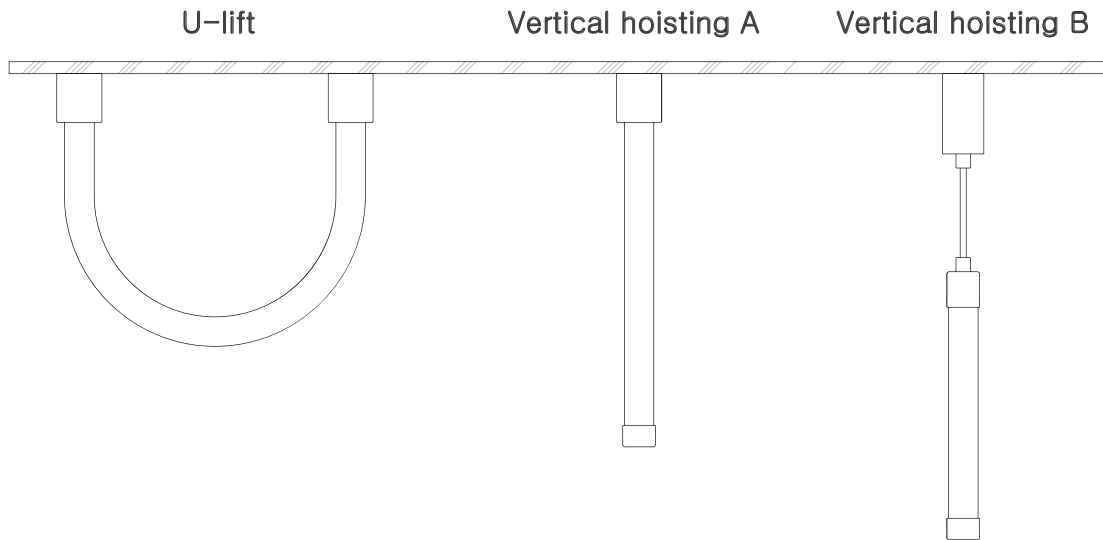Hanging plug

18mm   32.6mm

28mm

Hanging endcap

18mm   32.6mm
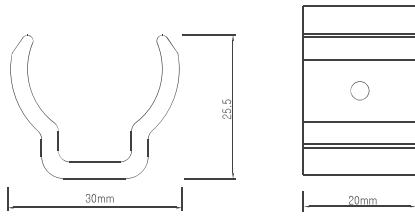
Hanging accessories

Schematic diagram of installation

U-lift   Vertical hoisting A   Vertical hoisting B

Cross hoisting   Surface mounting

Wave lifting
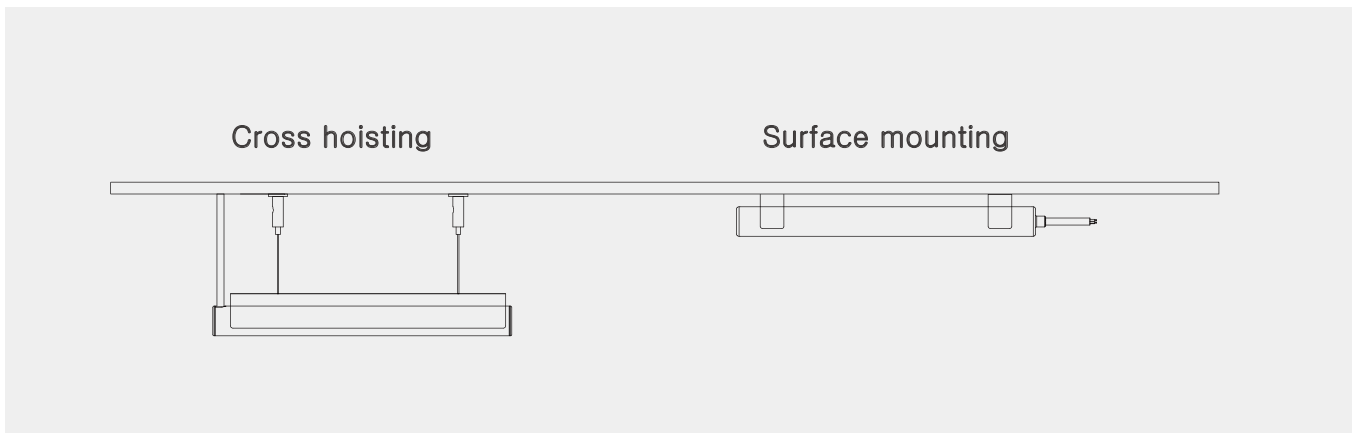
Installation/Use Precautions

◆ The unopened products and the unused products after unpacking, should be sealed in packaging bags to avoid long-term exposure.

◆ Please use DC24V isolated constant voltage switching power supply with ripple voltage less than 5%. Other types of power supply may damage the product or cause other safety risks.

◆ In practical application, the power supply should be retained with a 20% allowance (it is recommended to use only 80% power of the power supply) to ensure the stability of the power supply.

◆ Professional operators are recommended to wire and connect the power supply. It is strictly prohibited to connect the power supply with electricity in case of electric shock.

◆ Please confirm whether the voltage of the power supply is consistent with the voltage of the product before wiring.

◆ Please note the positive and negative sides of the power cord and connect them properly.

◆ When using multiple power supply, the situation of parallel connection of the positive pole of the power supply should be avoided. It will lead to instability of the power supply system and damage to the product after long-term operation.

◆ If the actual length of the application exceeds the specified length, it will lead to the phenomenon of heating and uneven brightness of the strip due to overload.

◆ During installation, please avoid twisting or irregular bending of the strip, and avoid any operation that will scratch the strip otherwise it may cause irreparable damage to the product.

◆ In order to ensure the life and reliability of the strip, please ensure that the diameter of the bending should be greater than 200mm.

◆ For the sake of eye protection, please avoid looking directly at the illumi-nated surface for a long time.

◆ Non-professionals are strictly prohibited from installing, disassembling or repairing the strip.

◆ Do not use any acid or alkaline adhesive to fix the strip (including but not limited to glass glue, etc.)

◆ Different levels of waterproof, different use environment. IP65 is not suitable for immersion application.

◆ Due to structural differences, the final visual color of the strip will be slight-ly different for products of different sizes and specifications under the same color temperature value.

◆ Due to the difference in structure, the same color temperature value differ-ent size/specification of the strip, their final visual color will be slightly different. Please make confirmation before use.

◆ It is forbidden to cut this product to avoid damage to the strip due to improper operation.

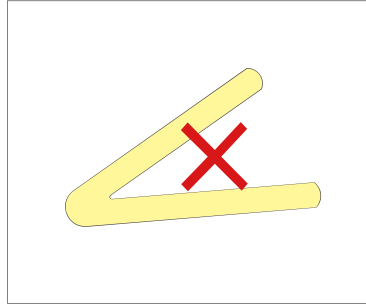◆ Customers are not allowed to cut this product by themselves.
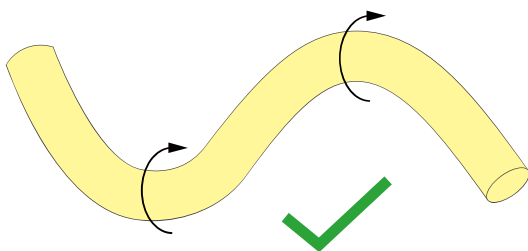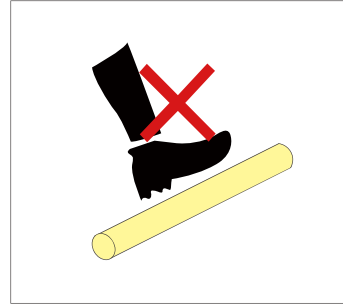

Bending diameter must be greater than 200mm

≥200cm
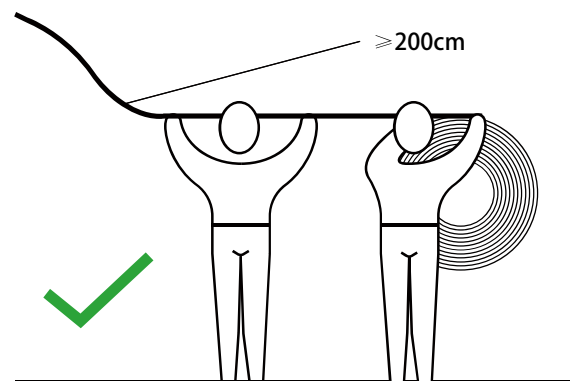
When the length of the strip is longer than 2 meters,

have two people work together to install it.

Installation/Use Precautions

Small Angle bending is prohibite

Prohibit trample

Tests show that formaldehyde and benzene substances will make silicone products yellowing.

If the silicone products are used in the indoor environment of new decoration, epoxy floor paint, wall paint, wallpaper adhesive, all kinds of decoration materials, or new furniture, are likely to release formaldehyde and benzene substances.In order to avoid silicone material affected, it is suggested that the use of the environment after the completion of the new decoration, formaldehyde and benzene should be removed first, or it should be ventilated for a period of time before installing the strip.