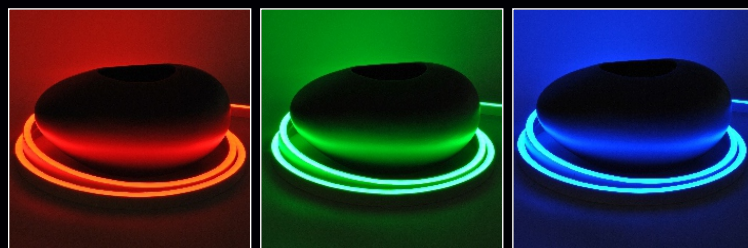


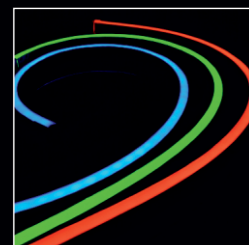
S03.01
color changing (RGBW)
white top/white profile



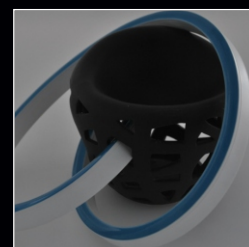
S03.02
high lumen output
white top/white profile



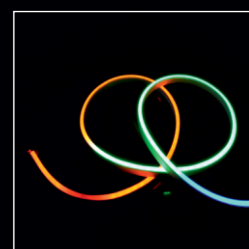
S03.03
RGBY LED
colored top/colored profile



S03.04
RGB LED
colored top/white profile



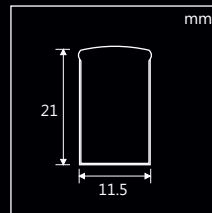
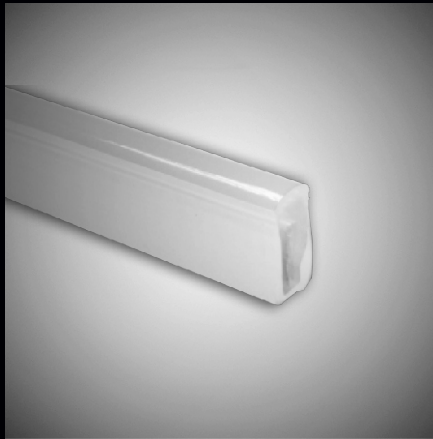
S03.05
color changing-chasing
programmable
white top/white profile



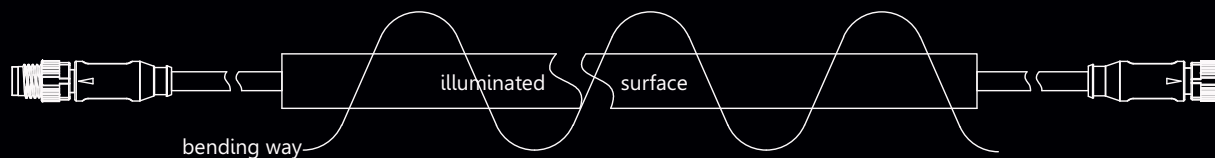
item: flexible linear LED light
main feature: flat top medium, RGBW color-changing
material: UV-rays stabilized and flame resistant PVC
 medium slim, flat opal top diffusing 160° beam angle
 uniform light distribution (dots-free)
 RGBW color changing
 horizontally flexible white profile
 bending diameter of min 120mm
 continuous length up to 10m

LED: SMD (Epistar), RGB
CRI: >80
Binning: 3 MacAdam, one bin
LED driver/DMX: remote
Volt DC: 24V CC/CV
 DMX - controlled by DMX

Application:
 indoors: offices, decorative areas
 outdoors: signs, architectural features
 facade, sculptures, swimming pools, parks, etc.
Operating temperature range: -20° ~ +55°C
Storage temperature: -20° ~ +60°C
LED Lifetime: 60,000 hrs



horizontally flexible

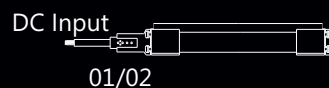


item code 11.09.S03.01.01.12
 watt 12W
 volt 24V DC
 LEDs/m 60 LEDs
 distance b/w LEDs 1.67 cm
 cutting unit 6 LEDs (10 cm)
 continuous length 10m
 IP-rating IP68/IP40



driver	35W	60W	100W	120W	150W	150W	180W
max length (12W)	2.5m	4.5m	7.5m	9m	10m		13.5m

Connection options



packaging:
 carton
 50m/ctn
 578*465*195mm
 21kg



customized length options of injection-molded light

	Length 1	Length 2	Length 3	Length 4	Length 5	Length 6
Length	10cm	20cm	50cm	100cm	200cm	500cm

connection diagram for injection-molded light

side connector



bottom connector

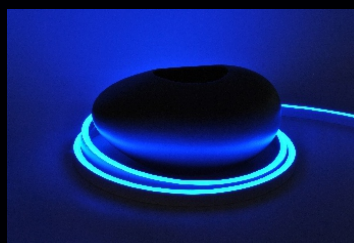
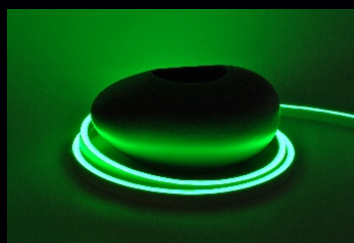
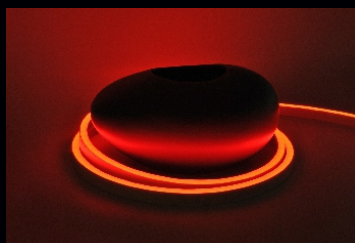
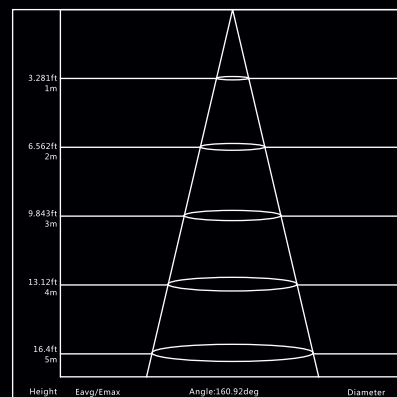
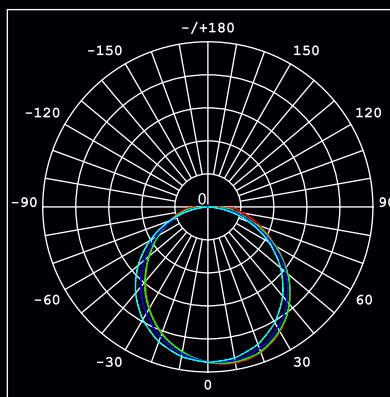


Photometric Data

	item code: 11.09.S03.01.01.12	
color	CCT/wavelength	lumen/m
red	620-630nm	> 20 lm
green	520-530nm	> 75 lm
blue	460-470nm	> 15 lm
white		> 110 lm

Note:

*IES files available on request



item: flexible linear LED light

main feature: flat top medium, high lumen output

material: UV-ray stabilized and flame resistant PVC medium slim, flat opal top with 160° beam angle

uniform light distribution (dots-free)

wide range of CCT and various LED colors

horizontally flexible white profile

bending diameter of min 120mm

continuous length up to 100m

LED: SMD (Epistar)

CRI: >80

Binning: 3 MacAdam, one bin

LED driver/DMX: remote

Volt DC: 24V CC/CV

ND - non-dimmable

PH - phase dimmable

010V - 0-10V dimmable

DALI - compatible with DALI

DMX - controlled by DMX

Areas of use:

indoors: offices, decorative areas

outdoors: signs, architectural features

facade, sculptures, swimming pools, parks, etc.

Operating temperature range: -20° ~ +55°C

Storage temperature range: -20° ~ +60°C

LED Lifetime: 60,000 hrs

RoHS

UL US LISTED

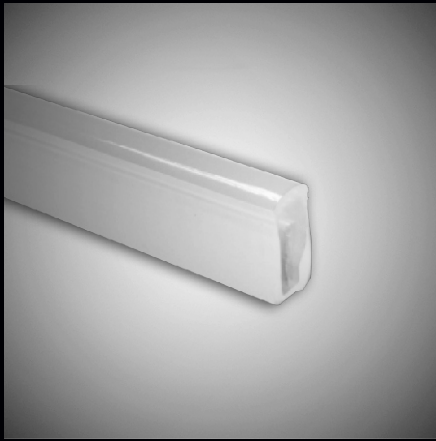
CE

TUV

IP40
IP68

IK08

5 years warranty





beam angle



bending diameter



flame resistant



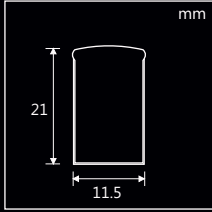
UV resistant



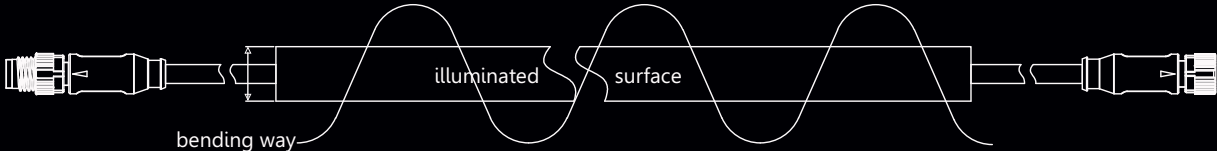
solvents resistant

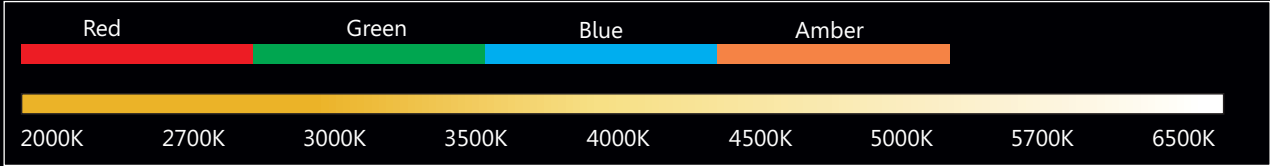


saltwater resistant



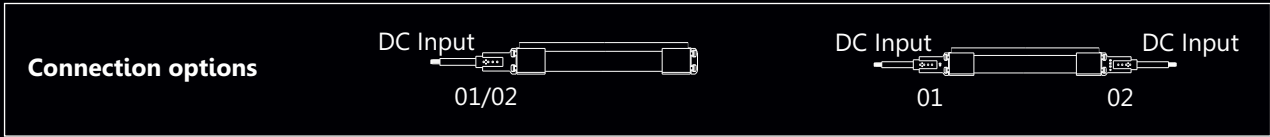
horizontally flexible





code	11.09.S03.02.01.6.5		11.09.S03.02.02.7.2		11.09.S03.02.03.10.6		11.09.S03.02.04.12	
watt	6.5W		7.2W		10.6W		12W	
LED color	red/amber/white		red/amber		green/blue/white		green/blue/white	
current	constant current		constant voltage		constant current		constant voltage	
volt	24V DC		24V DC		24V DC		24V DC	
LEDs/m	60 LEDs		60 LEDs		60 LEDs		60 LEDs	
distance b/w LEDs	1.67 cm		1.67 cm		1.67 cm		1.67 cm	
cutting unit	10 LEDs (16.7 cm)		10 LEDs (16.7 cm)		6 LEDs (10 cm)		6 LEDs (10 cm)	
continuous length	15m		15m		10m		10m	
IP-rating	IP68/IP67/IP40		IP68/IP67/IP40		IP68/IP67/IP40		IP68/IP67/IP40	

driver	35W	60W	100W	120W	150W	150W	180W	240W	320W
max length (7.2W)	4m	7.5m	12m	15m		18.5m	22m	30W	
max length (12W)	2.5m	4.5m	7.5m	9m	10m		13.5m	18W	20m



packaging:

carton

50m/ctn

578*465*195mm

21kg

Ordering Guide:

11.09.S03.02.01.6.5+AMB+IP68+DMX+AL.CH.RIG

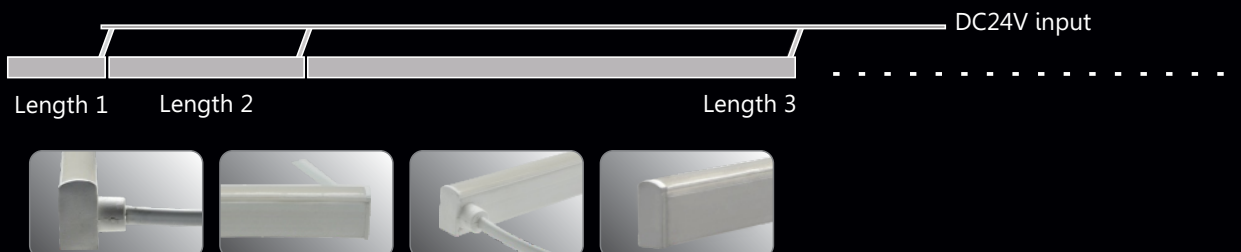
(item code+amber+IP+driver+channel)

customized length of injection-molded light (IP67)

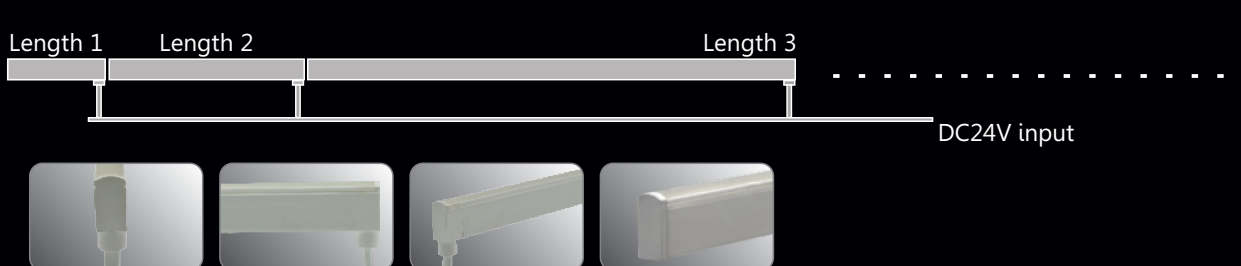
	Length 1	Length 2	Length 3	Length 4	Length 5	Length 6	Length 7
Length (green/blue/amber)	10cm	20cm	50cm	100cm	200cm	500cm	1000cm
Length (red/amber)	16.7cm	33.3cm	50cm	100cm	200cm	500cm	1000cm

connection diagram for injection-molded light

side connector

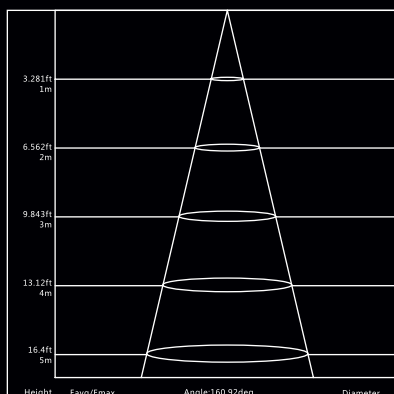
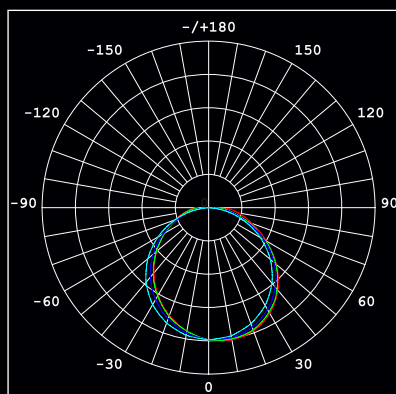


bottom connector



Photometric Data

color	CCT/wavelength	11.09.S03.02.03.10.6 (CC)	11.09.S03.02.01.6.5 (CC)	11.09.S03.02.04.12 (CV)
red	620-630nm	>90 lm	>60 lm	>100 lm
green	520-530nm	>130 lm	>80 lm	>250 lm
blue	460-470nm	>25 lm	>15 lm	>35 lm
amber	590-595nm	>100 lm	>80 lm	>75 lm
warm white	2725±145K	>280 lm	>180 lm	>320 lm
	3045±145K			>330 lm
white	3465±245K	>300 lm	>200 lm	>340 lm
	3985±275K			>350 lm
cool white	4503±243K	>320 lm	>220 lm	>360 lm
	5028±283K			>370 lm
daylight white	5665±355K	>340 lm	>240 lm	>380 lm
	6530±510K			>390 lm



Notes:

- * mention color of LED in code when ordering
- * custom length and wattage options available on request
- * power of LED driver should be 20% higher than power of the product
- * wattage data of products is (+/-) 10%
- * power consumption tolerance is (+/-) 1W
- * CCT data is given with an accuracy of (+/-) 100K
- * Luminous flux tolerance is (+/-) 10%

Note:

- *IES files available on request

item: flexible linear LED light

main feature: colored top and profile, flat medium

material: UV-ray stabilized and flame resistant PVC medium slim, flat colored top diffusing 160° beam angle uniform light distribution (dots-free)

horizontally flexible colored profile:

red, green, blue, yellow

bending diameter of min 120mm

various continuous length options: 10m/15m/80m

LED: SMD (Epistar)

CRI: >80

Binning: 3 MacAdam, one bin

LED driver/DMX: remote

Volt DC: 24V CC/CV

ND - non-dimmable

PH - phase dimmable

010V - 0-10V dimmable

DALI - compatible with DALI

DMX - controlled by DMX

Areas of use:

indoors: offices, decorative areas

outdoors: signs, architectural features facade, sculptures, swimming pools, parks, etc.

Operating temperature range: -20° ~ +55°C

Storage temperature range: -20° ~ +60°C

LED Lifetime: 60,000 hrs

RoHS

UL US LISTED

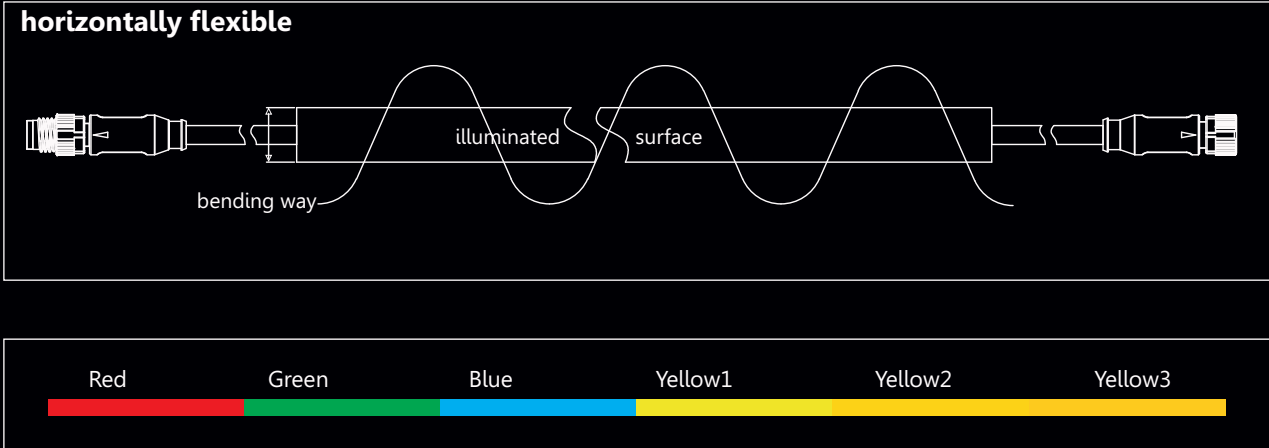
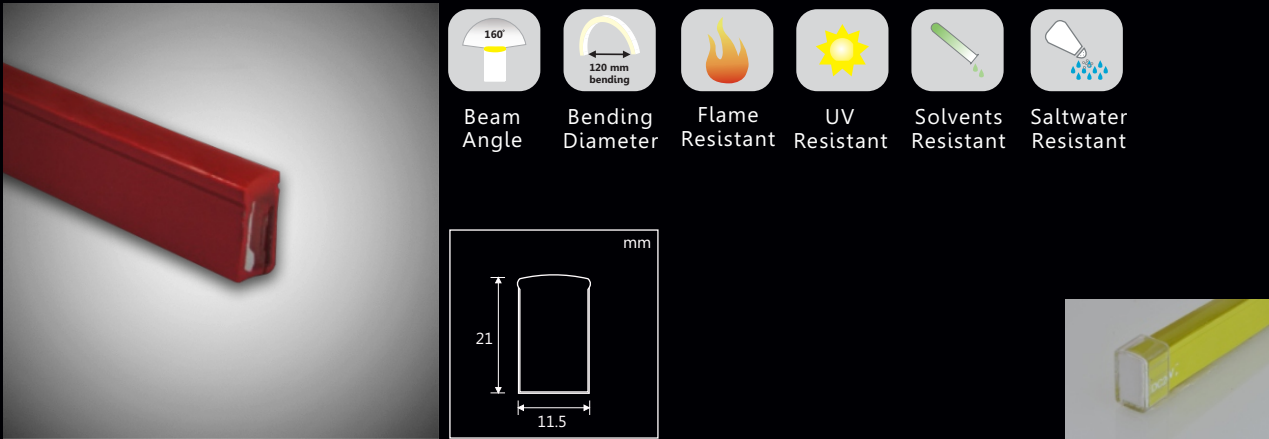
CE

TUV

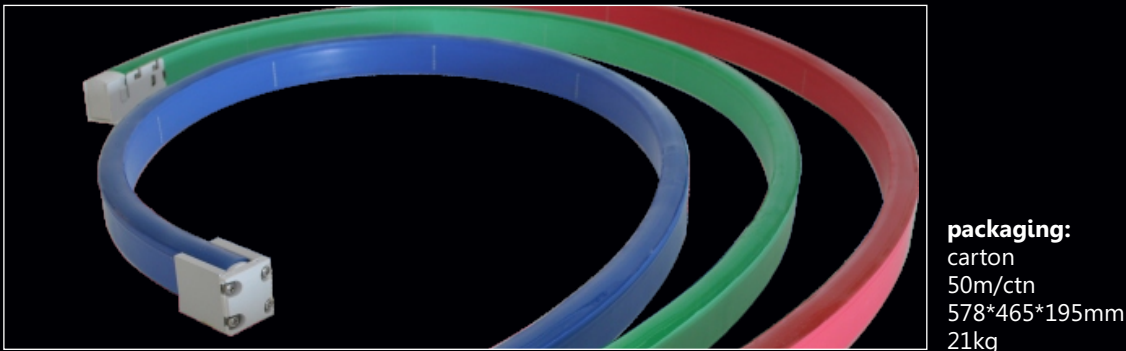
IK08

IP40 IP68

5 years warranty



item code	11.09.S03.03.01.6.5	11.09.S03.03.02.10.6	11.09.S03.03.03.12
watt	6.5W	10.6W	12W
LED color	red	green/blue/yellow	red/green/blue/yellow
volt	24V DC	24V DC	230V AC
LEDs/m	60 LEDs	60 LEDs	72 LEDs
distance b/w LEDs	1.67 cm	1.67 cm	1.39 cm
cutting unit	10 LEDs (16.7 cm)	6 LEDs (10 cm)	72 LEDs (1 m)
continuous length	15m	10m	80m
IP-rating	IP68/IP40	IP68/IP40	IP65/IP40



customized length of injection-molded light

	Length 1	Length 2	Length 3	Length 4	Length 5	Length 6	Length 7
Length (green/blue/amber)	10cm	20cm	50cm	100cm	200cm	500cm	1000cm
Length (red/amber)	16.7cm	33.4cm	50cm	100cm	200cm	500cm	1000cm

connection diagram for injection-molded light

side connector



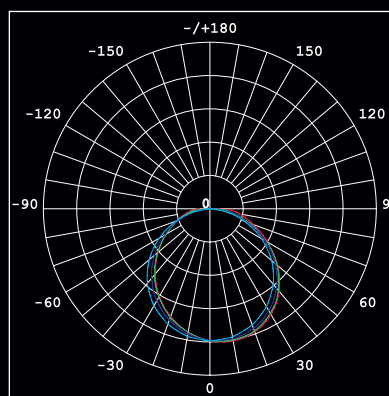
bottom connector



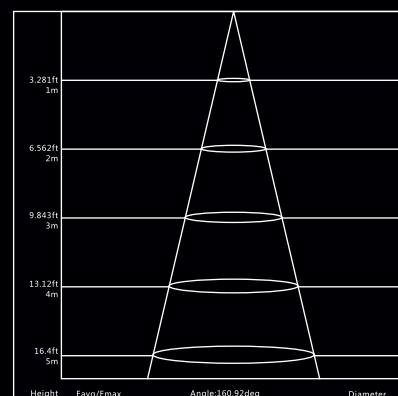
Photometric Data

	item code: 11.09.S03.03.03.12	
color	CCT/wavelength	lumen/m
red	620-630nm	>30 lm
green	520-530nm	>75 lm
blue	465-475nm	>8 lm
yellow1	574±1.5nm	>150 lm
yellow2	578±1.5nm	>150 lm
yellow3	582±1.5nm	>150 lm

	item code: 11.09.S03.03.02.10.6	
color	CCT/wavelength	lumen/m
red	620-630nm	>90 lm
green	520-530nm	>132 lm
blue	460-470nm	>14 lm
yellow1	574±1.5nm	>200 lm
yellow2	578±1.5nm	>200 lm
yellow3	582±1.5nm	>200 lm



Note:
*IES files available on request

**Notes:**

- * mention color of LED in code when ordering
- * custom length and wattage options available on request
- * power of LED driver should be 20% higher than power of the product
- * power consumption data of products is (+/-) 10%
- * power consumption tolerance is (+/-) 1W
- * CCT data is given with an accuracy of (+/-) 100K
- * Luminous flux tolerance is (+/-) 10%

item: flexible linear LED light

main features: colored top, white profile, flat top medium

material: UV-rays stabilized and flame resistant PVC

medium slim, flat colored top diffusing 160° beam angle

uniform light distribution (dots-free)

red, green, blue, yellow

horizontally flexible white profile

bending diameter of min 120mm

continuous length up to 100m

LED: SMD (Epistar)

CRI: >80

Binning: 3 MacAdam, one bin

LED driver/DMX: remote

Volt DC: 24V CC/CV

ND - non-dimmable

PH - phase dimmable

010V - 0-10V dimmable

DALI - compatible with DALI

DMX - controlled by DMX

Application:

indoors: offices, decorative areas

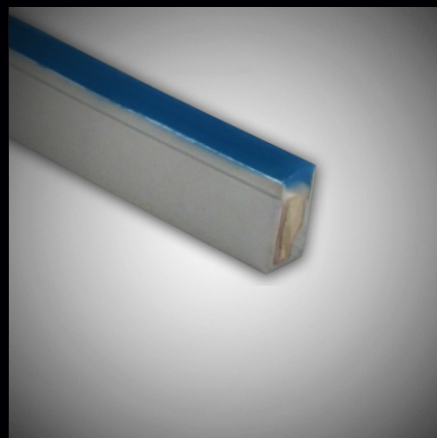
outdoors: signs, architectural features

facade, sculptures, swimming pools, parks, etc.

Operating temperature range: -20° ~ +55°C

Storage temperature: -20° ~ +60°C

LED Lifetime: 60,000 hrs



Beam
Angle



Bending
Diameter



Flame
Resistant



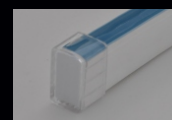
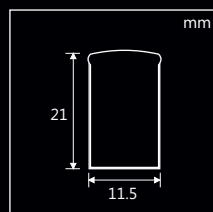
UV
Resistant



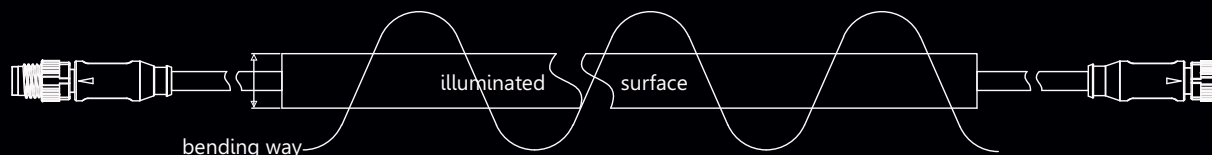
Solvents
Resistant



Saltwater
Resistant



horizontally flexible



Red

Green

Blue

Yellow1

Yellow2

Yellow3

item code

watt

LED color

volt

LEDs/m

distance b/w LEDs

cutting unit

continuous length

IP-rating

11.09.S03.04.01.6.5

6.5W

red

24V DC

60 LEDs

1.67 cm

10 LEDs (16.7 cm)

15 m

IP68/IP40

11.09.S03.04.02.10.6

10.6W

green/blue/yellow

24V DC

60 LEDs

1.67 cm

6 LEDs (10 cm)

10 m

IP68/IP40

11.09.S03.04.03.12

12W

red/green/blue/yellow

230V AC

72 LEDs

1.39 cm

72 LEDs (1 m)

80 m

IP65/IP40

packaging:

carton

50m/ctn

578*465*195mm

21kg



customized length of injection-molded light

	Length 1	Length 2	Length 3	Length 4	Length 5	Length 6	Length 7
Length (green/blue/amber)	10cm	20cm	50cm	100cm	200cm	500cm	1000cm
Length (red/amber)	16.7cm	33.4cm	50cm	100cm	200cm	500cm	1000cm

connection diagram for injection-molded light

side connector



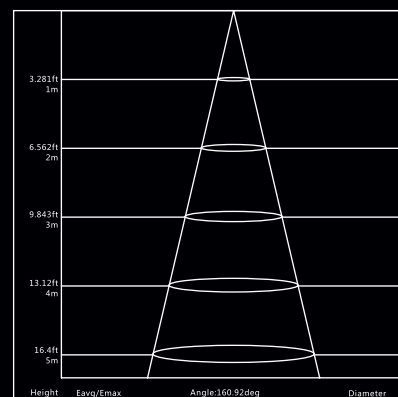
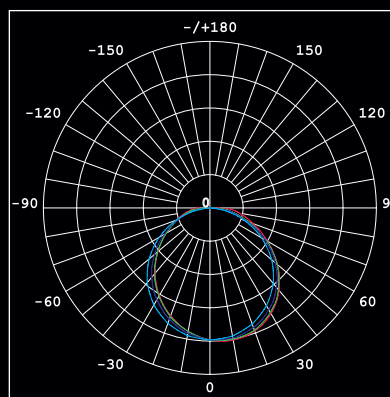
bottom connector



Photometric Data

	item code: 11.09.S03.04.03.12	
color	CCT/wavelength	lumen/m
red	620-630nm	> 30 lm
green	520-530nm	> 75 lm
blue	465-475nm	> 8 lm
yellow1	574±1.5nm	> 150 lm
yellow2	578±1.5nm	> 150 lm
yellow3	582±1.5nm	> 150 lm

	item code: 11.09.S03.04.02.10.6	
color	CCT/wavelength	lumen/m
red	620-630nm	> 90 lm
green	520-530nm	> 132 lm
blue	460-470nm	> 14 lm
yellow1	574±1.5nm	> 200 lm
yellow2	578±1.5nm	> 200 lm
yellow3	582±1.5nm	> 200 lm



Note:
*IES files available on request

Notes:

- * mention color of LED in code when ordering
- * custom length and wattage options available on request
- * power of LED driver should be 20% higher than power of the product
- * power consumption data of products is (+/-) 10%
- * power consumption tolerance is (+/-) 1W
- * CCT data is given with an accuracy of (+/-) 100K
- * Luminous flux tolerance is (+/-) 10%



item: flexible linear LED light

main features: programmable, flat top medium

material: UV-rays stabilized and flame resistant PVC

medium slim, flat opal top diffusing 160° beam angle

uniform light distribution (dots-free)

white/RGB chasing effect

horizontally flexible white profile

bending diameter of min 120mm

continuous length up to 15m

Effects:

- chasing
- flowing
- flashing
- gradual changing
- fade-in/fade-out
- meteor shower
- skipper effect

Application:

indoors: offices, decorative areas

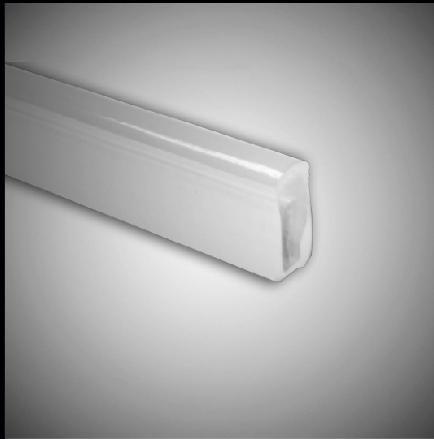
outdoors: signs, architectural features

facade, sculptures, swimming pools, parks, etc.

Operating temperature range: -20° ~ +55°C

Storage temperature: -20° ~ +60°C

LED Lifetime: 60,000 hrs



Beam Angle



Bending Diameter



Flame Resistant



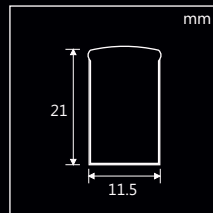
UV Resistant



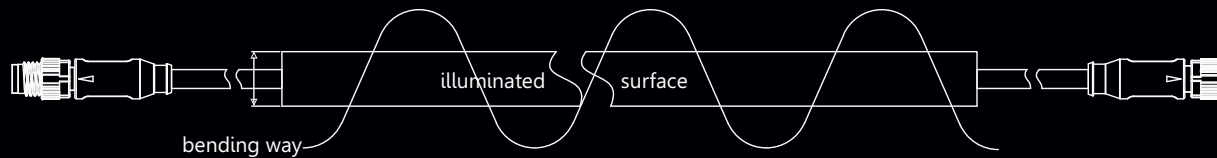
Solvents Resistant



Saltwater Resistant



horizontally flexible



Single Color Chasing

RGB Chasing

item code

watt

LED color

volt

LEDs/m

distance b/w LEDs

cutting unit

continuous length

IP-rating

11.09.S03.05.01.12

12W

red/green/blue/yellow

24V DC

56 LEDs

1.78 cm

7 LEDs (12.5 m)

15 m

IP68/IP40

packaging:

carton

50m/ctn

578*465*195mm

20kg



Ranges of S03.01/S03.02/S03.05

Sleeve Front Connector



Sleeve End Cap



Sleeve Middle Connector



Sleeve Jumper



IP40

Clasp Front Connector



Clasp End Cap



Injection-moulded Front Connector (side)



Injection-moulded Front Connector (bottom)



IP68

Screw Front Connector



Screw End Cap



Screw Jumper



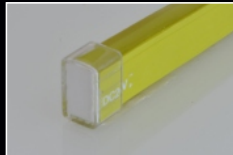
IP68

Range of S03.03

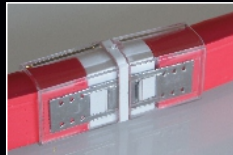
Sleeve Front Connector



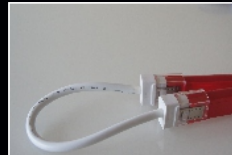
Sleeve End Cap



Sleeve Middle Connector



Sleeve Jumper



IP40

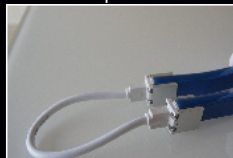
Screw Front Connector



Screw End Cap



Screw Jumper

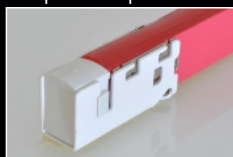


IP68

Clasp Front Connector



Clasp End Cap



Injection-moulded Front Connector (side)



Injection-moulded Front Connector (bottom)



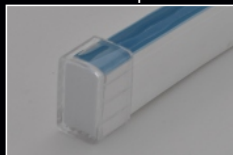
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Range of S03.04

Sleeve Front Connector



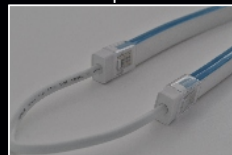
Sleeve End Cap



Sleeve Middle Connector



Sleeve Jumper

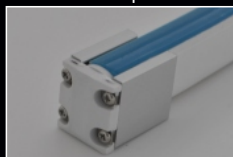


IP40

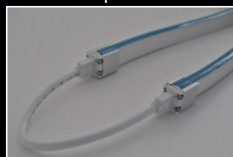
Screw Front Connector



Screw End Cap

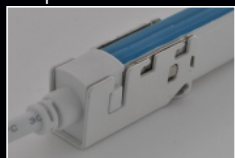


Screw Jumper



IP68

Clasp Front Connector



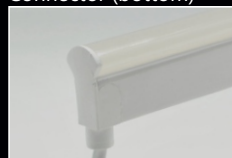
Clasp End Cap



Injection-moulded Front Connector (side)



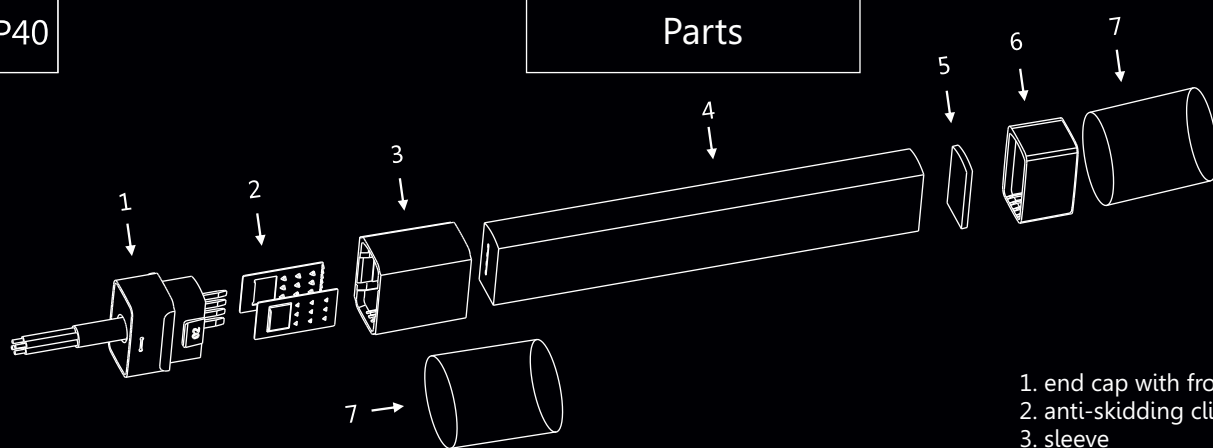
Injection-moulded Front Connector (bottom)



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IP40

Parts



1. end cap with front connector
2. anti-skidding clip
3. sleeve
4. linear light
5. shading sheet
6. end cap
7. heat shrinkable sleeve



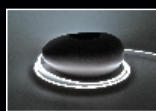
1. end cap with front connector



2. anti-skidding clip



3. sleeve



4. linear light



5. shading sheet

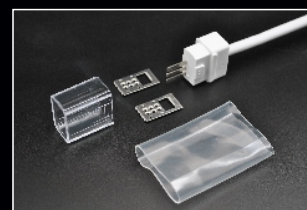
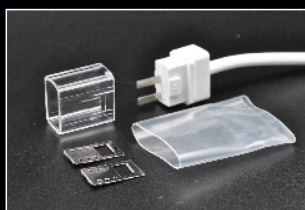
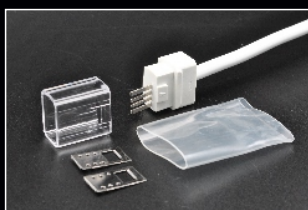


6. end cap

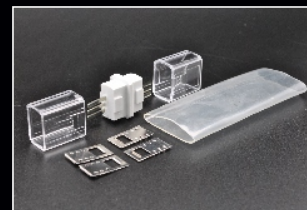
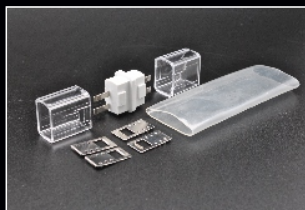
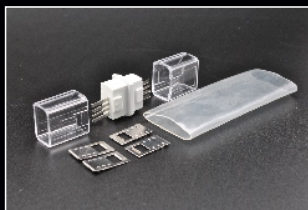
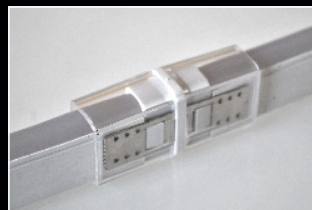


7. heat shrinkable sleeve

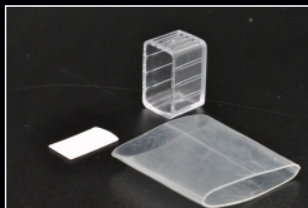
Sleeve with Front Connector



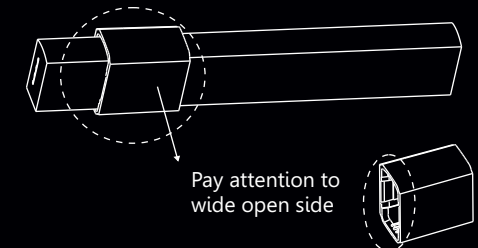
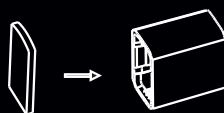
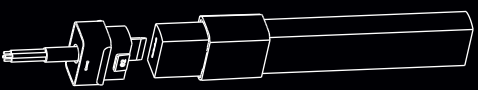
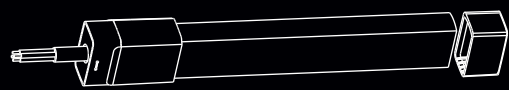
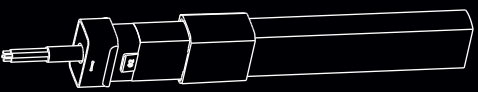
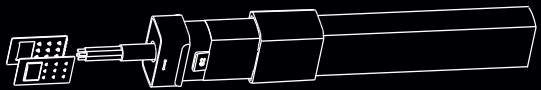
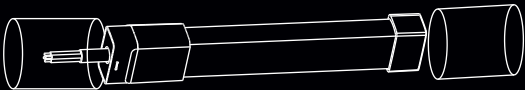
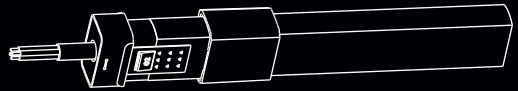
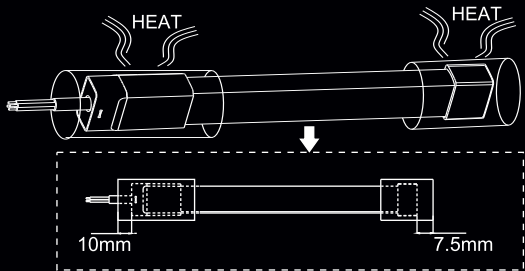
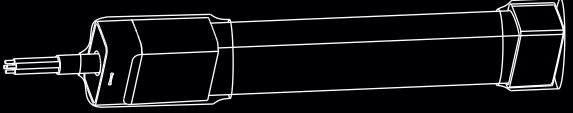
Sleeve with Middle Connector and heat-shrinkable Sleeve

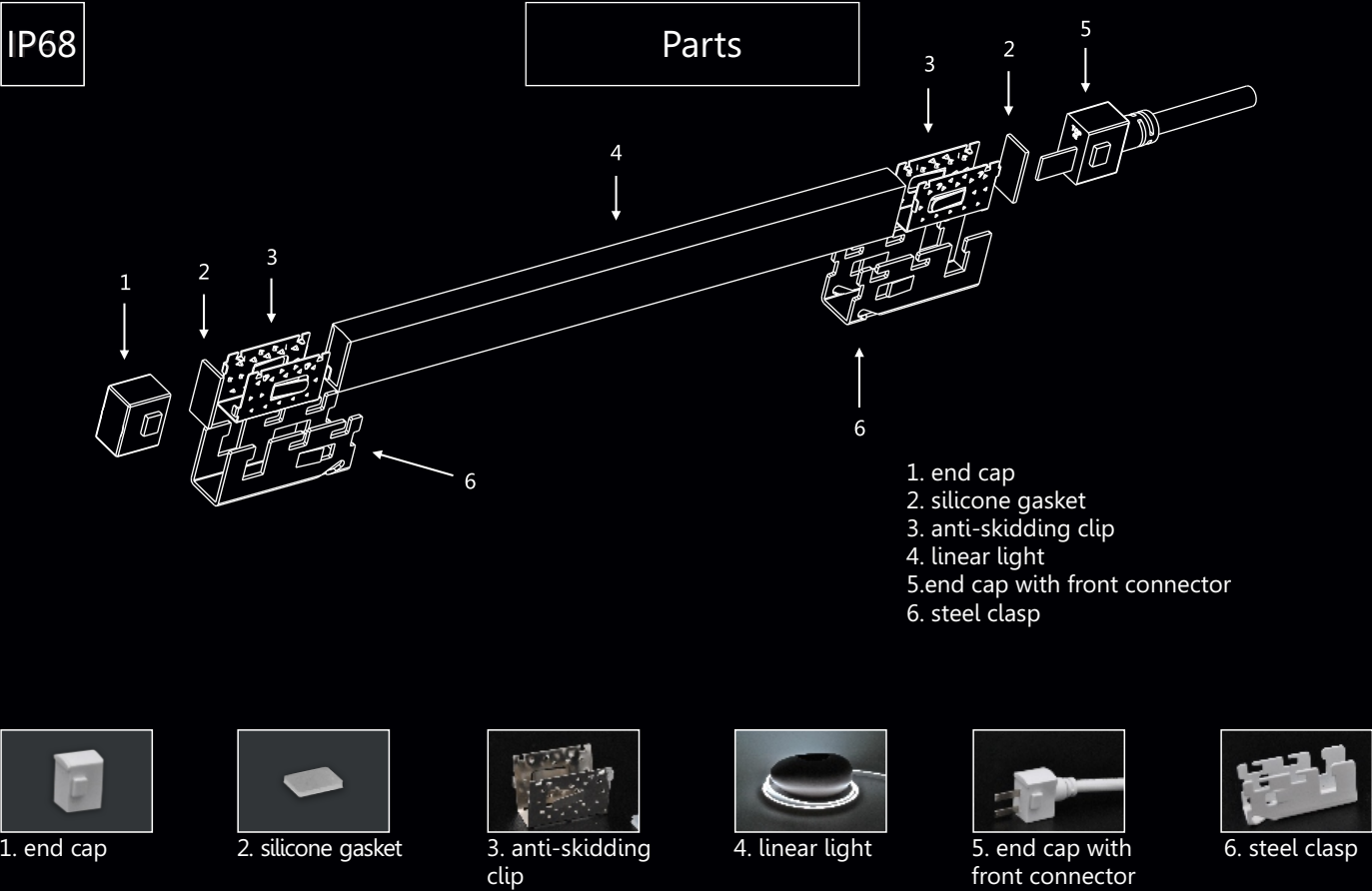


Sleeve with End Cap , silicone and heat-shrinkable Sleeve

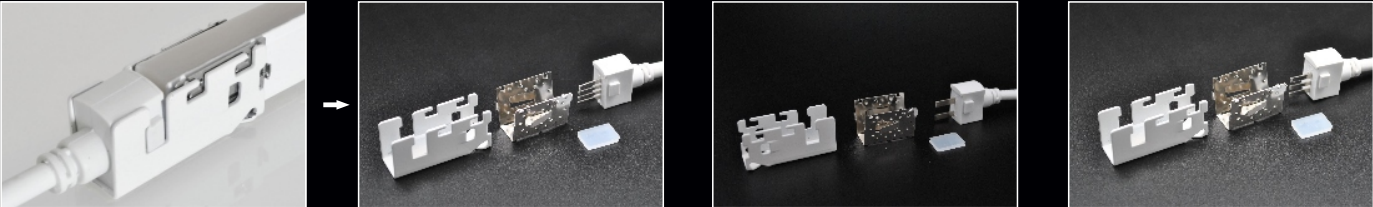


IP40

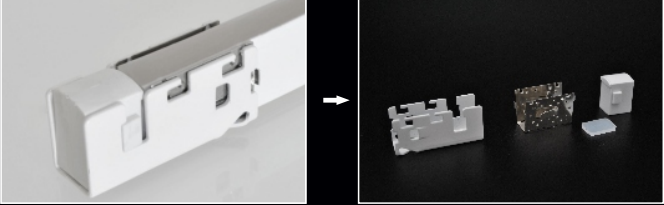
Front connector with sleeve installation steps	End cap with sleeve installation steps
①  Pay attention to wide open side	① 
② 	② 
③ 	③ 
④ 	④ 
⑤ 	⑤ 
⑥ 	⑥ 



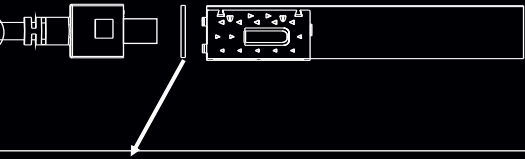
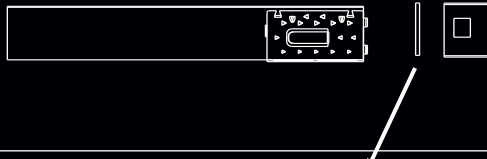
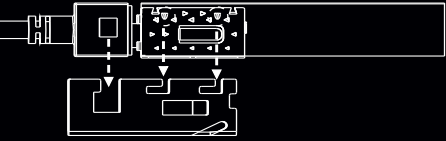
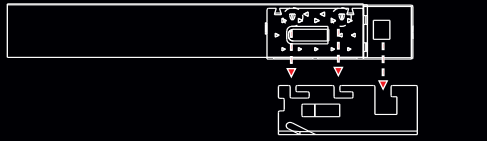
Front Connector with clasp, anti-skidding clip, silicone



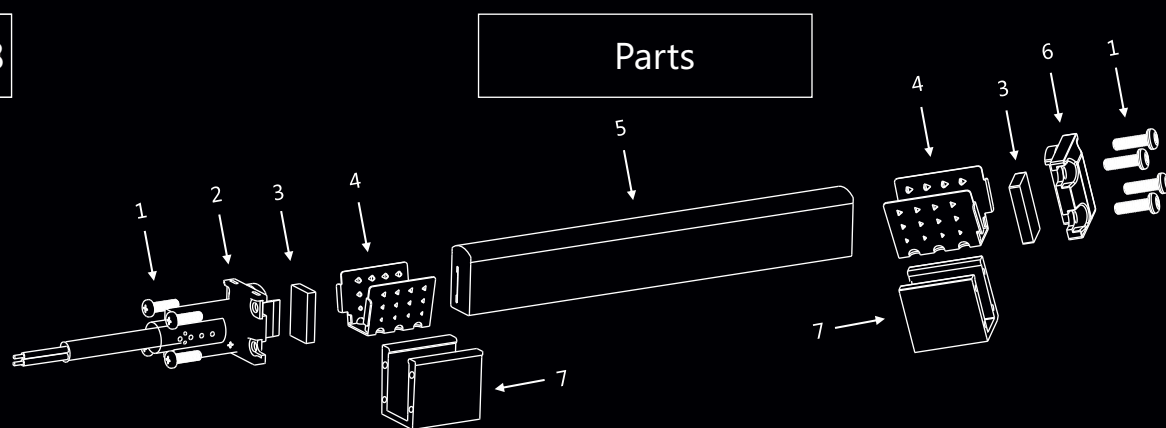
End Cap with clasp, anti-skidding clip, silicone



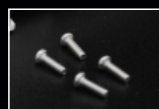
IP68

Clasp front connector installation steps	End clasp installation steps
① 	⑧ 
② 	⑨ 
③ 	⑩ 
④ 	⑪ 
⑤ 	⑫ 
⑥  ← push in using gripper	⑬  push in using gripper →
⑦ 	⑭ 

IP68



1. screws
2. end cap with front connector
3. silicone gasket
4. anti-skidding clip
5. linear light
6. end cap
7. aluminum mounting clip



1. screws



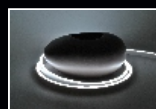
2. end cap with front connector



3. silicone gasket



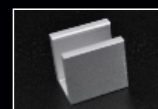
4. anti-skidding clip



5. linear light

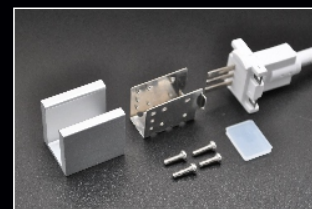
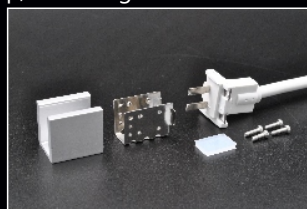
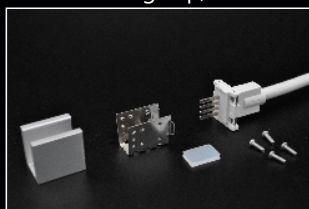


6. end cap

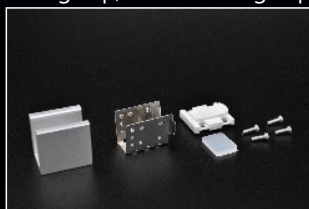


7. aluminum mounting clip

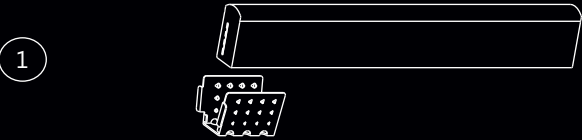
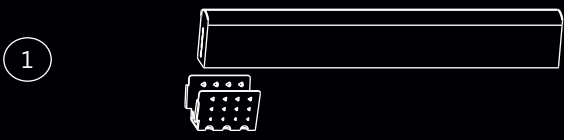
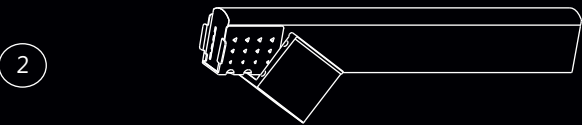
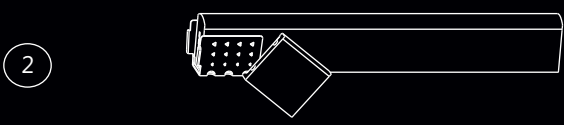
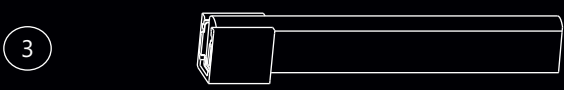
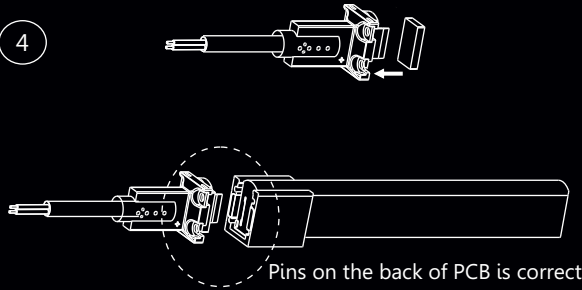
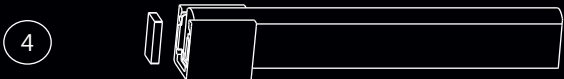
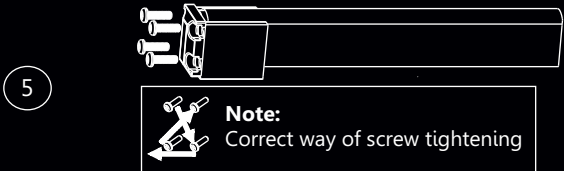
Front Connector with screws, aluminum mounting clip, anti-skidding clip, silicone gasket



End Cap with screws, aluminum mounting clip, anti-skidding clip, silicone gasket



IP68

Front screw connector installation steps	End screw cap installation steps
1	1
2	2
3	3
4 Pins on the back of PCB is correct	4 
5 Note: Correct way of screw tightening	5 Note: Correct way of screw tightening
6	6

Optional accessories

power cable for
seamless connection
(PWR.CBL.SML)



middle connector for
seamless connection
(CLIP.SML)



power T-type cable
(PWR.CBL.T)



male and female
connectors



Installation accessories

aluminum profile
(AL.CH.RIG)



self-locking
aluminum profile
(AL.CH.RIG+SLF.LCK)



Tools (additional tools to order on necessity)

cutter



gripper



insert inducer



Drivers



Note:

* Power, type (dim/non-dim) and IP of drivers to be discussed as per requirements



ELTE