BLUEVIEW
Better Light Better View
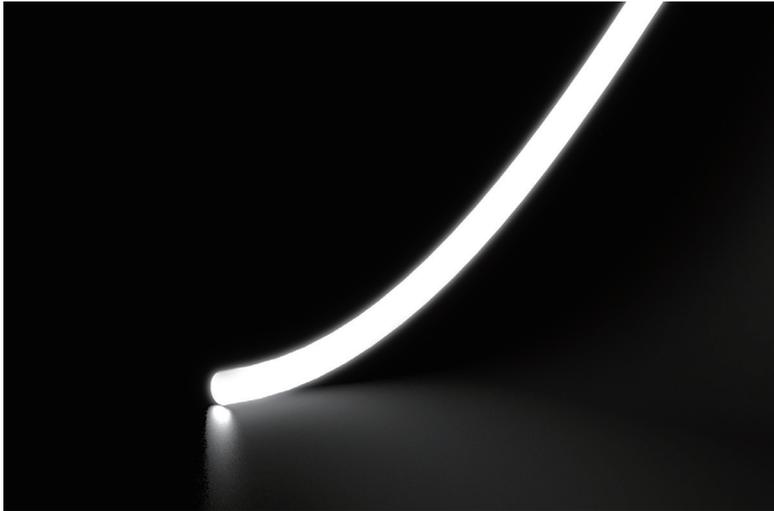
360°
BENDING
LED NEON FLEX

NCR23

360° BENDING LED NEON FLEX

Features

- Color options: **White/ Red/Green/Blue/Yellow/Orange/RGB**.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: 360 bending, min. bend diameter 120mm [4.72inch].
- IP grade: Silicone extrusion, IP65 protection.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements.

CE | RoHS | UL LISTED E354137 | DIMMABLE | LM-80 | IP65 | DC 24V | 360°

IK08 | FLAME RESISTANT | SOLVENT RESISTANT | SALTWATER RESISTANT | UV RESISTANT | Temporary immersion protection | 5Years INDOOR | 3Years OUTDOOR

Optical & Electrical Parameters

Model No.	Voltage	Beam Angle	Dimmable	CRI	Color	Lm/m	Lm/W	Rated Power (W/m)
NCR23-Single color	24V DC	360°	Yes	>80	2400K	1156	71.6	16.0
					2700K	1270	84.3	
					3000K	1457	90.3	
					4000K	1466	90.5	
					5200K	1473	92.8	
					6500K	1362	85.1	
				/	Red	435	27.2	16.0
					Green	1338	83.6	
					Blue	315	19.7	
					Yellow	201	12.6	
					Orange	393	24.6	
NCR23-RGB	24V DC	360°	Yes	/	Red	108	17.8	6.4
					Green	498	67.0	6.4
					Blue	103	15.6	6.4
					RGB	696	35.4	19.2

| Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NCR23-Single color	336	35.71mm	-20~+60℃	-20~+70℃
NCR23-RGB	288	41.66mm		

Note:

The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
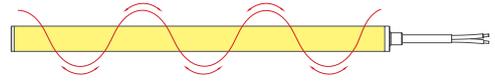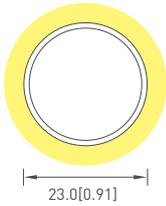
Profile Drawings

Unit:mm[inch]

5016.5[197.50]
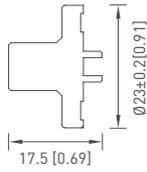5000[196.85]
23.0[0.91]
5002.5[196.95]

Bend direction

Ø 120[4.72]
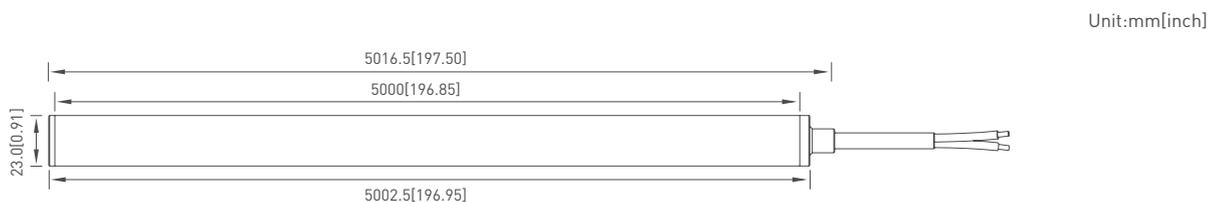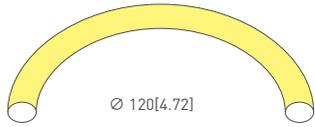
Bending Diameter

Sectional view

23.0[0.91]

Front cap

Glue Process (IP65)

Ø23±0.2[0.91]

17.5 [0.69]

Closing End-cap

Glue Process (IP65)

Ø23±0.2[0.91]

6.0[0.24]
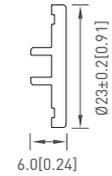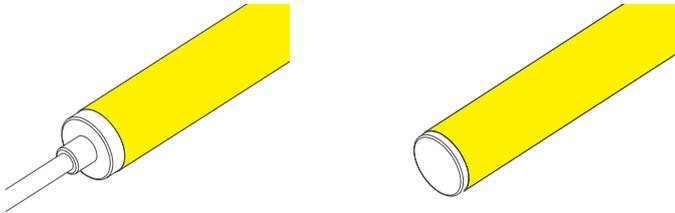
Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

Molding Pressed (IP65)

- Glue process the end cap after cutting, warranty will be provided upon IP65 rated.
- No warranty will be provided if the injection moulded(IP68) end cap destroyed or reprocessed.
- Corresponding molding equipment and mold needed for self-processing injection moulded end cap, contact the sales for more information.
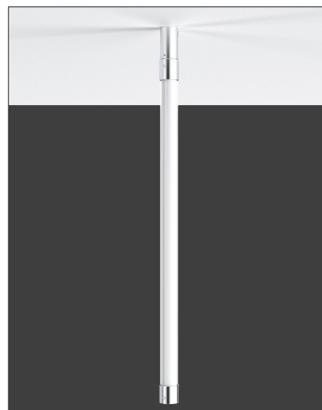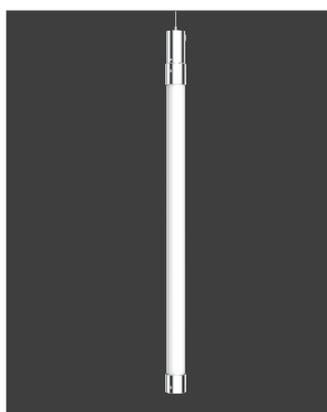
Installation method
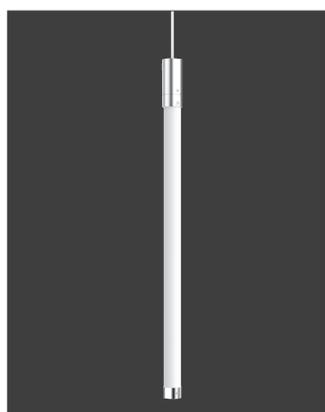

Plastic Clip
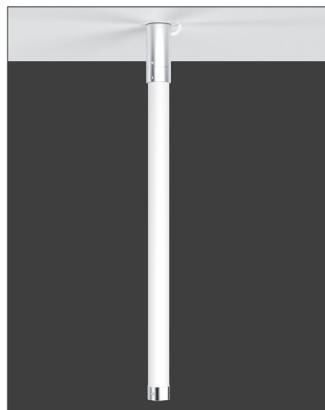
Ceiling Kit - hardware set

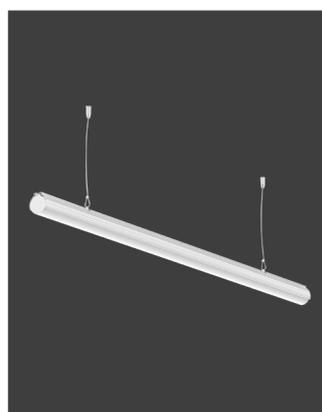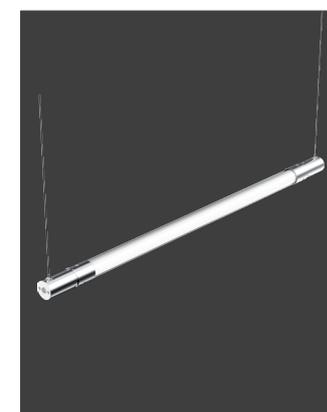Ceiling Kit - hardware and PC tube set

Ceiling Kit - PC groove

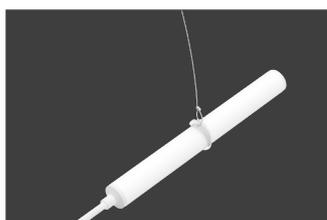Pendant Kit - hardware and PC tube set
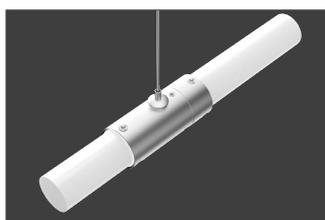

Pendant Kit - output wire two in one

Pendant Kit - steel cable and PC groove

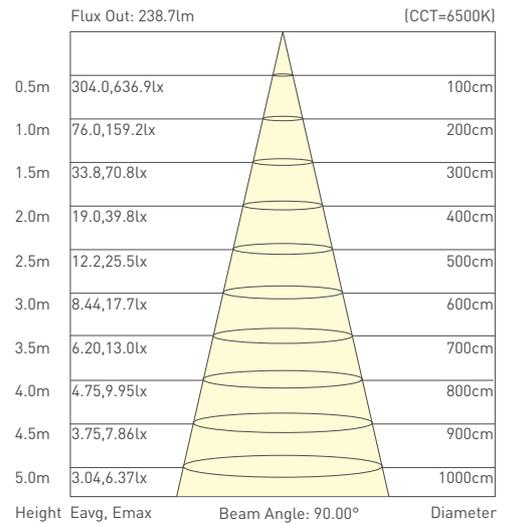Pendant Horizontal Kit - hardware and PC tube set

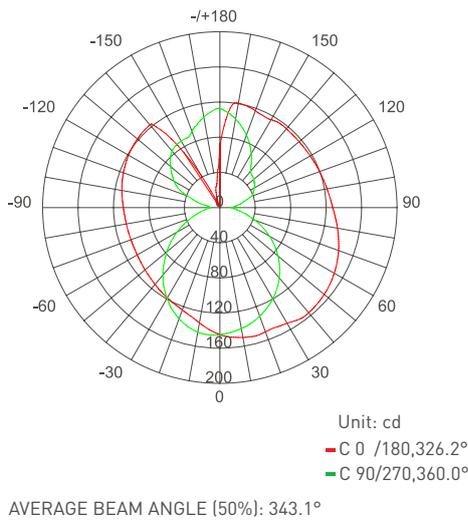Pendant Kit - steel cable and hook

Splice set

Luminous Intensity Distribution Diagram


```
            -/+180
    -150              150
  -120                   120

-90                          90
              40
              80
  -60        120              60
             160
    -30       200      30
              0
```

Unit: cd
- C 0 /180,326.2°
- C 90/270,360.0°

AVERAGE BEAM ANGLE (50%): 343.1°

Average Illumination

Flux Out: 238.7lm   (CCT=6500K)

Height	Eavg, Emax		Diameter
0.5m	304.0,636.9lx		100cm
1.0m	76.0,159.2lx		200cm
1.5m	33.8,70.8lx		300cm
2.0m	19.0,39.8lx		400cm
2.5m	12.2,25.5lx		500cm
3.0m	8.44,17.7lx		600cm
3.5m	6.20,13.0lx		700cm
4.0m	4.75,9.95lx		800cm
4.5m	3.75,7.86lx		900cm
5.0m	3.04,6.37lx		1000cm

Beam Angle: 90.00°

Note: The above two pictures are tested with the sample NCR23 at 6500K. For more info, please contact sales rep.

Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
NCR23	5000*23*23	480*445*370	5	6	/ (1±10%)	15.35 (1± 10%)

Note: The gross weights of all above model are less than volume weight, the volume weight is 15.81kg

Recommended power supply upon working length

Model No.	NCR23-Single color		NCR23-RGB	
Working Length(m)	1	5	1	5
Measured Current (A)	0.67	2.80	0.80	3.32
Rated Voltage (DC V)	24	24	24	24
Measured Power(W)	16.0	67.2	19.2	79.6
Recommended Power Supply(W)	25	100	36	100
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed

Model No.	NCR23-RGB-R		NCR23-RGB-G		NCR23-RGB-B	
Working Length(m)	1	15	1	15	1	15
Measured Current (A)	0.25	3.11	0.31	3.86	0.28	3.49
Rated Voltage (DC V)	24	24	24	24	24	24
Measured Power(W)	6.0	74.7	7.44	92.6	6.72	83.6
Recommended Power Supply(W)	12	100	12	120	12	120
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed