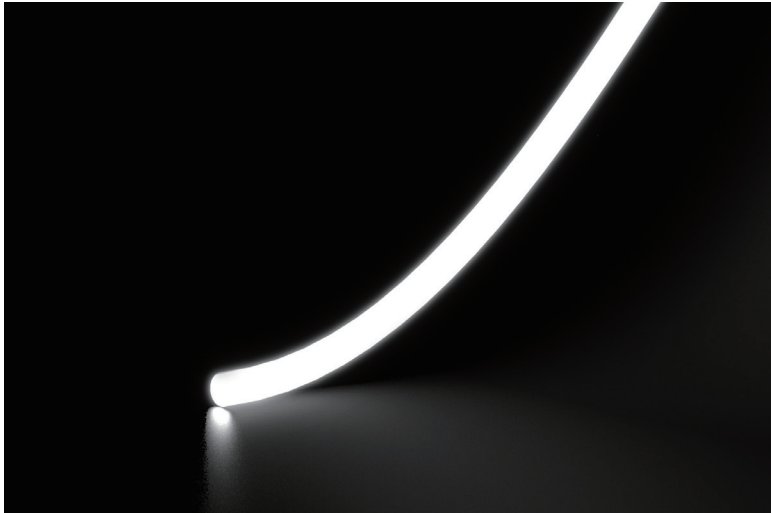


**360°**

**BENDING  
LED NEON FLEX**

**NCR19**





## Features

- Color options: Single color and 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.



## Optical & Electrical Parameters

Model No.	Voltage	Beam Angle	Dimmable	CRI	Color	Lm/m	Lm/W	Rated Power (W/m)	
NCR19-Single color	24V DC	360°	No	>80	2400K	1029	63.6	16.0	
					2700K	1198	75.7		
					3000K	1267	78.6		
					4000K	1348	84.1		
					5000K	1301	79.8		
					6500K	1207	74.8		
					/	Red	387		24.2
NCR19-RGB	24V DC	360°	No	/	Green	960	60.0	19.2	
					Blue	241	15.1		
					Yellow	143	8.9		
					Orange	322	20.1		
					Red	108	16.5		6.4
					Green	369	58.5		6.4
					Blue	73	11.9		6.4
RGB	544	29.5	19.2						

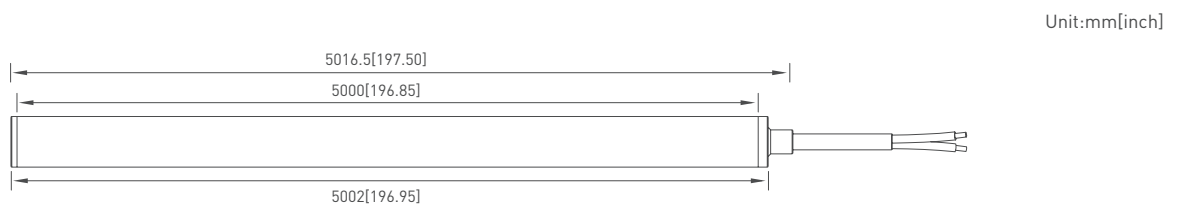
## Other Parameters

Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NCR19- Single Color	336	35.71mm	-20~+60°C	-20~+70°C
NCR19-RGB	288	41.66mm		

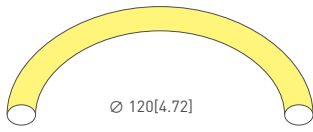
Note:

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%.

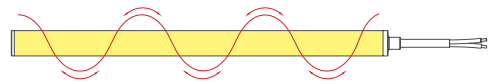
## Profile Drawings



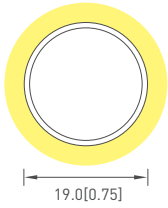
Bend direction



Bending Diameter

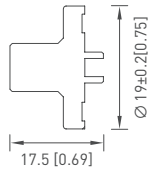


Sectional view



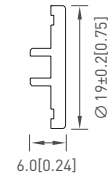
Front cap

Glue Process (IP65)



Closing End-cap

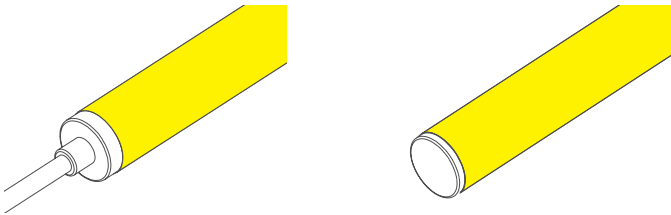
Glue Process (IP65)



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

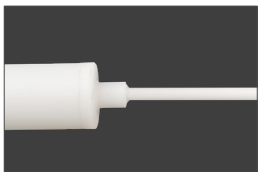
IP Process Technology

Injection Moulded (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.

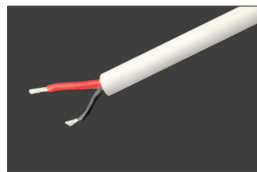
## Product accessories



PCIS (front)

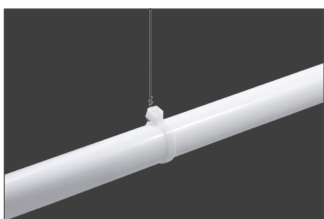


ECS (end)

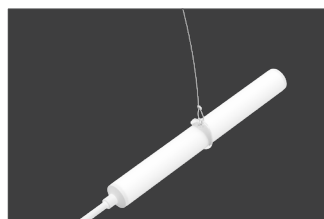


Cable

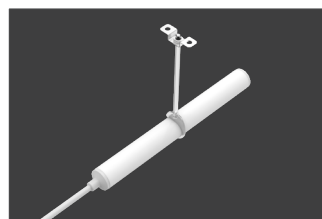
## Installation method



Pendant Kit - steel cable and ribbon



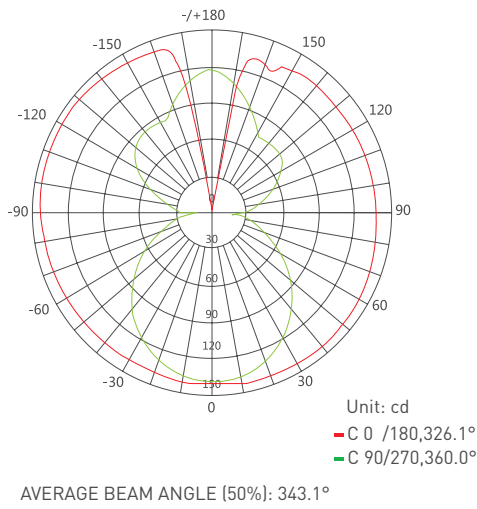
Pendant Kit - steel cable and hook



Pendant Kit - pole and hook

## Luminous Intensity Distribution Diagram

## Average Illumination



Flux Out: 208.5lm [CCT=6500K]

Height	Eavg, Emax	Beam Angle: 90.00°	Diameter
0.5m	265.5,508.9lx		100cm
1.0m	66.4,127.2lx		200cm
1.5m	29.5,56.6lx		300cm
2.0m	16.6,31.8lx		400cm
2.5m	10.6,20.4lx		500cm
3.0m	7.38,14.1lx		600cm
3.5m	5.42,10.4lx		700cm
4.0m	4.15,7.95lx		800cm
4.5m	3.28,6.28lx		900cm
5.0m	2.66,5.09lx		1000cm

Note: the above two figures are tested with the sample NCR19-Single color at 6500K. For other data, please consult sales rep

## Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
NCR19	5000*19*19	480*445*370	5	6	/(1±10%)	12.05 (1±10%)

Note: the above two figures are tested with the sample NCR19-Single color at 6500K. For other data, please consult sales rep.

## Recommended power supply upon working length

Model No.	NCR19-Single color		NCR19-RGB	
	1	5	1	5
Working Length(m)	1	5	1	5
Measured Current (A)	0.67	2.80	0.8	3.32
Rated Voltage (DC V)	24	24	24	24
Measured Power(W)	16.0	67.2	19.2	79.68
Recommended Power Supply(W)	25	100	36	100
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed

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