



FLEX 360 R18 (360 LED NEON FLEXIBLE)

The FLEX 360 Collection is a premium round-profile LED neon flex delivering true 360° omnidirectional illumination. Engineered with advanced silicone extrusion technology, it provides seamless, dot-free light output with consistent brightness from every viewing angle. The flexible construction allows smooth bending and shaping, making it ideal for creative architectural outlines, feature lighting, and decorative installations where uniform circular light distribution is required. Designed for both indoor and outdoor applications, the FLEX 360 series features durable, UV-resistant silicone housing with high ingress protection ratings for long-term reliability. Available in multiple diameters and configurations, including single color, tunable white, RGB, and RGBW options, the system supports various control protocols depending on the model.





MATERIAL:

High Purity Silica Gel

IK RATING:

IK08

VOLTAGE:

24V DC

IP RATING:

IP65

DRIVER POSITION:

Remote

WARRANTY:

5 years

MAIN FEATURES:

Full colour RGBW

Functional and minimalistic design

Skin-friendly surface treatment

Operating Temperature: -13°F to +131°F.

PROJECT

SPEC TYPE

NOTES

LED

IP65



RGBW



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OUTDOOR

TECHNICAL

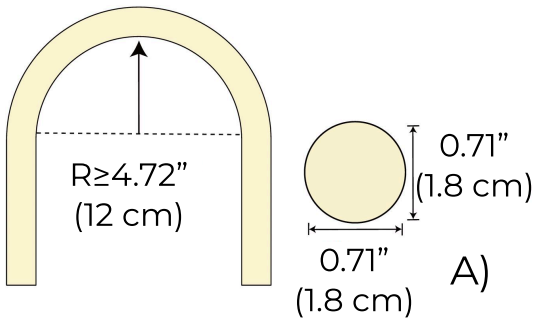
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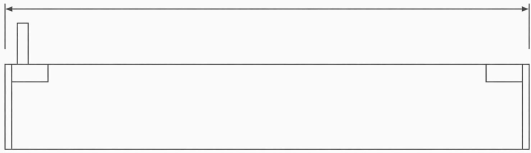
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B)

196.85" (500 cm)



HOW TO ORDER:

Example:

CODE: BY-FLX360R18-CL-LS1-ECT-AS-NNR18VTD-
XX-2-402-02-000000-00001-402-02-000000-00013

BY-FLX360R18-CL-LS1-
ECT-AS-NNR18VTD-
XX-2-402-02-000000-000
01-402-02-000000-00013

1 MODELS:

- A) Diameter - Ø: 0.71" (1.8 cm)
B) Length - L: 196.85" (500 cm)

2 LIGHT SOURCE:

CODE	INPUT VOLTAGE	CCT	RATED POWER	CRI	LUMENS	CUTTING
-LS1 -LS2 -LS3 -LS4	24VDC	2300 K 2700 K 3000 K 4000 K	14.4W (4.39W/ft)	90	700 (213LM/ft) 700 (213LM/ft) 800 (244LM/ft) 800 (244LM/ft)	Arbitrary cutting
-LS1G -LS2B		Green Blue	10W (3.05W/ft)	/	/	2*7LED/1.64"
-LS1CCT		2300K- 4000K	14.4W (4.39W/ft)	90	850 (259LM/ft)	2*12LED/1.23"
-LS1RGB		RGB	13W (3.96W/ft)	/	/	2*7LED/1.97"

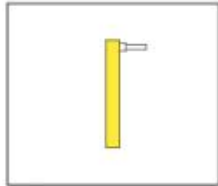
3 ENTRY CABLE:

-ECT



TOP

-ECS



SIDE

4 ACCESSORIES:

-AS-NNR18VTD-XX-2

Trimless embedded accessory



-AS-NNR18VRD-XX-2

Embedded accessory



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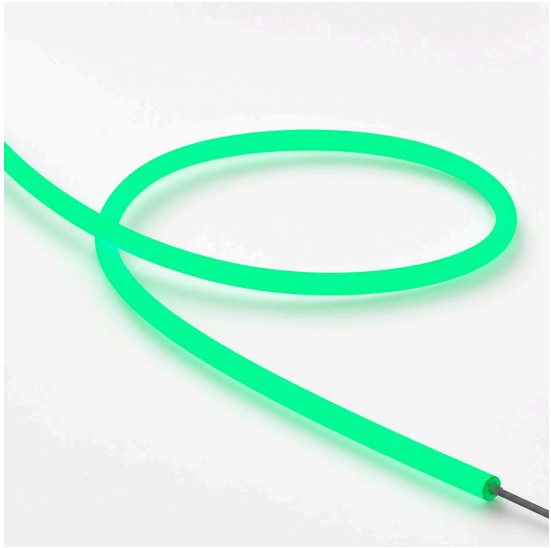
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ECT-AS-NNR18VTD-
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01-402-02-000000-00013

4 ACCESSORIES:

-AS-NNR25C-053

Woven material
Size:ø34*H46mm



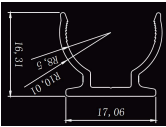
-AS-NNR18C-076

Woven material
Size:ø34*H76mm



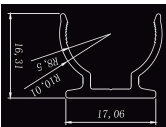
-AS-NNR18P-1000

Flat mounting PC
groove
L1000*W17.1*H16.3mm



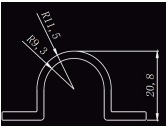
-AS-NNR18P-60

Flat mounting PC
groove
1PCS/0.5m



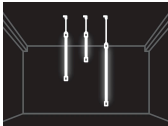
-AS-NNR18P1-25

Flat mounting PC
groove
3PCS/1m; 5PCS/2.5m
8PCS/5m



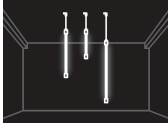
-AS-NNR18VHS1-1000

Vertical hanging side outlet
Install accessory kit (1m)



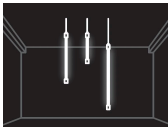
-AS-NNR25VHS1-2500

Vertical hanging side outlet
Install accessory kit (2.5m)



-AS-NNR18VHD1-1000

Hang the top vertically
outlet
Install accessory kit (1m)



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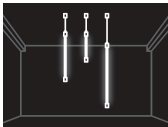
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ECT-AS-NNR18VTD-
XX-2-402-02-000000-000
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4 ACCESSORIES:

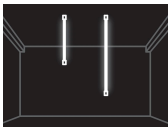
-AS-NNR18VHD1-2500

Vertical hanging from
the top
Install accessory kit
(2.5m)



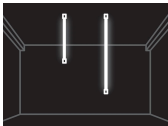
-AS-NNR18VCC1-1000

Single-ended vertical ceiling
Install accessory kit (1m)



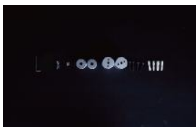
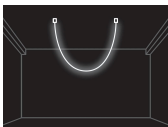
-AS-NNR18VCC1-2500

Single-ended vertical ceiling
Install accessory kit (2.5m)



-AS-NNR18VCC1-XX-2

Double-ended vertical
ceiling
Kits



-AS-NNR18LCX-1000

Horizontal ceiling
Installation components



5 SYSTEM CONTROL:

-402-02-000000-00001

Monochrome Remote Control
R6-1

Operating voltage: 3VDC(Battery
CR2032)

Operating frequency: 2.4GHz

Remote control distance: 30m

Operating temperature: -30°C-55°C

Size:L107*W58.5*H9(mm)



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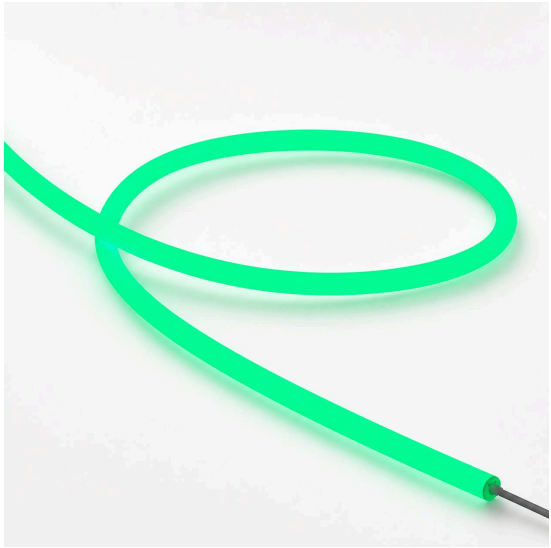
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ECT-AS-NNR18VTD-
XX-2-402-02-000000-000
01-402-02-000000-00013

4 ACCESSORIES:

-AS-NNR13DCX-XX

Stealth accessories



-AS-NNR18GH0-EC

Hole Diameter 4.5mm top cap



-AS-NNR18GS0-EC

Hole Diameter 4.5mm side cap



-AS-FC-0001 -AS-FC-0002 -AS-FC-0003

2PIN

IP68 Quick
Waterproof
Connector

3PIN

IP68 Quick
Waterproof
Connector

4PIN

IP68 Quick
Waterproof
Connector



-AS-NNRSS0-CM

Cutting Fixture



-AS-NNR18CCXS-B-4/3

Woven material
ø115*H34mm with screws



-AS-NNR18CCXM-B-4/3

Woven material
ø150*H21mm with screws



-AS-NNR18CCXL-B-4/3

Woven material
ø175*H21mm with screws



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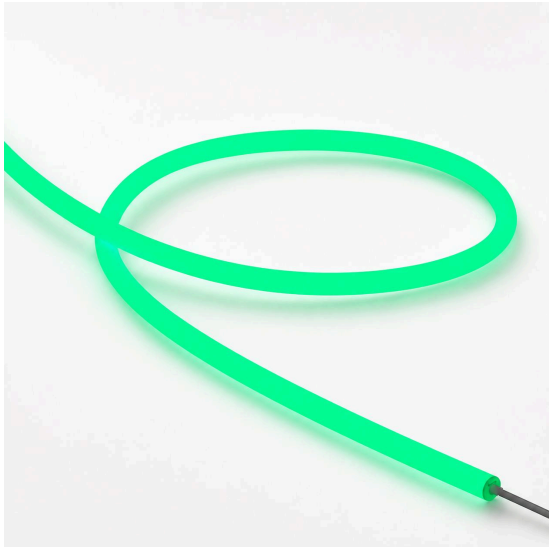
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ECT-AS-NNR18VTD-
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01-402-02-000000-00013

5 SYSTEM CONTROL:

-402-0-000000-00013

Knob panel controller used for
dimming to warm
CP1-GBB
Input voltage: 12-24VDC
Input current: 6A*1CH
Operating temperature: -30°C-55°C
Size: L86*W86*H33(mm)



-402-02-000000-00013

Monochrome Control Receiver
CR1-GBA
Input voltage: 12-48VDC
Maximum load current: 15A*1CH, Max15A@12/24V
10A *1CH, Max10A@36/48V
Maximum load power: 15A*1CH, Max15A@12/24V
10A *1CH, Max10A@36/48V
Operating temperature: -30°C-55°C
Size: L175*W45*H27(mm)



-402-02-000000-00002

CCT Remote Control
R7-1
Operating voltage: 3VDC(Battery CR2032)
Operating frequency: 2.4GHz
Remote control distance: 30m
Operating temperature: -30°C-55°C



-402-01-000000-00002

CCT Control Receiver
CR2-GBA
Input voltage: 12-48VDC
Maximum load current: 8A*2CH, Max16A
Maximum load power: 192W/384W@12V/24V
1384W/576W@36V/48V
Operating temperature: -30°C-55°C
Size: L170*W50*H23(mm)



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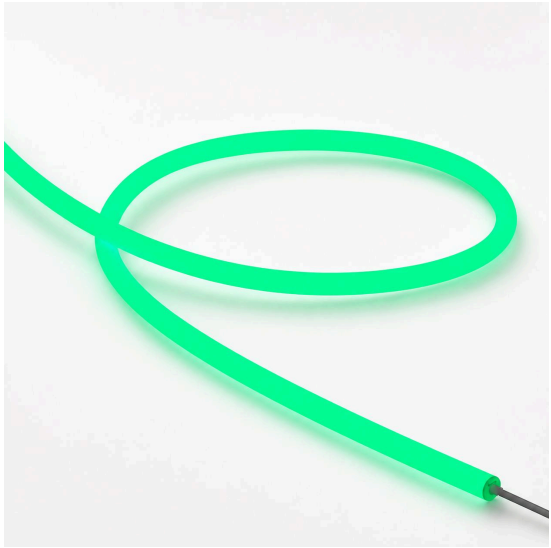
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ECT-AS-NNR18VTD-
XX-2-402-02-000000-000
01-402-02-000000-00013

5 SYSTEM CONTROL:

-402-0-000000-00013

Knob panel controller used for
dimming to warm
CP1-GBB
Input voltage: 12-24VDC
Input current: 6A*1CH
Operating temperature: -30°C-55°C
Size: L86*W86*H33(mm)



-402-02-000000-00013

Monochrome Control Receiver
CR1-GBA
Input voltage: 12-48VDC
Maximum load current: 15A*1CH, Max15A@12/24V
10A *1CH, Max10A@36/48V
Maximum load power: 15A*1CH, Max15A@12/24V
10A *1CH, Max10A@36/48V
Operating temperature: -30°C-55°C
Size: L175*W45*H27(mm)



-402-02-000000-00002

CCT Remote Control
R7-1
Operating voltage: 3VDC(Battery CR2032)
Operating frequency: 2.4GHz
Remote control distance: 30m
Operating temperature: -30°C-55°C



-402-01-000000-00002

CCT Control Receiver
CR2-GBA
Input voltage: 12-48VDC
Maximum load current: 8A*2CH, Max16A
Maximum load power: 192W/384W@12V/24V
1384W/576W@36V/48V
Operating temperature: -30°C-55°C
Size: L170*W50*H23(mm)



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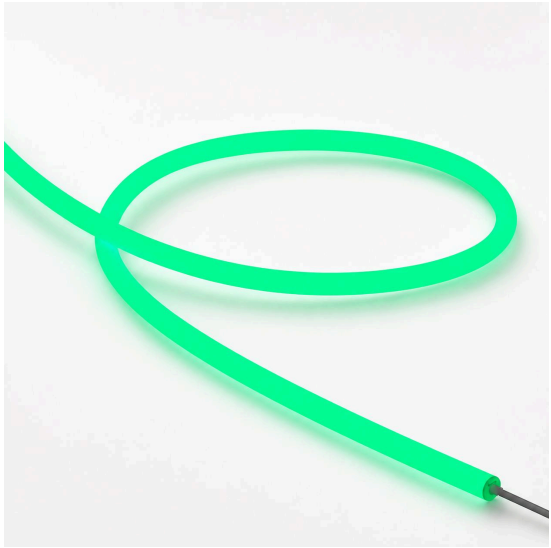
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ECT-AS-NNR18VTD-
XX-2-402-02-000000-000
01-402-02-000000-00013

5 SYSTEM CONTROL:

-402-02-000000-00003

RGB/RGBW Remote Control
R8-1

Operating voltage: 3VDC (Battery CR2032)
Operating frequency: 2.4GHz
Remote control distance: 30m
Operating temperature: -30°C-55°C
Product Size: L107*W58.5*H9(mm)



-402-01-000000-00003

RGB Control Receiver
CR3-GBA

Input voltage: 12-48VDC
Maximum load current: 6A*3CH,Max 18A
Maximum load power: 216W/432W@12V/24V
648W/864@36V/48V
Operating temperature: -30°C-55°C
Size: L175*W45*H27(mm)



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