



LED NEON FLEX

Catalogue

moralighting.co.id

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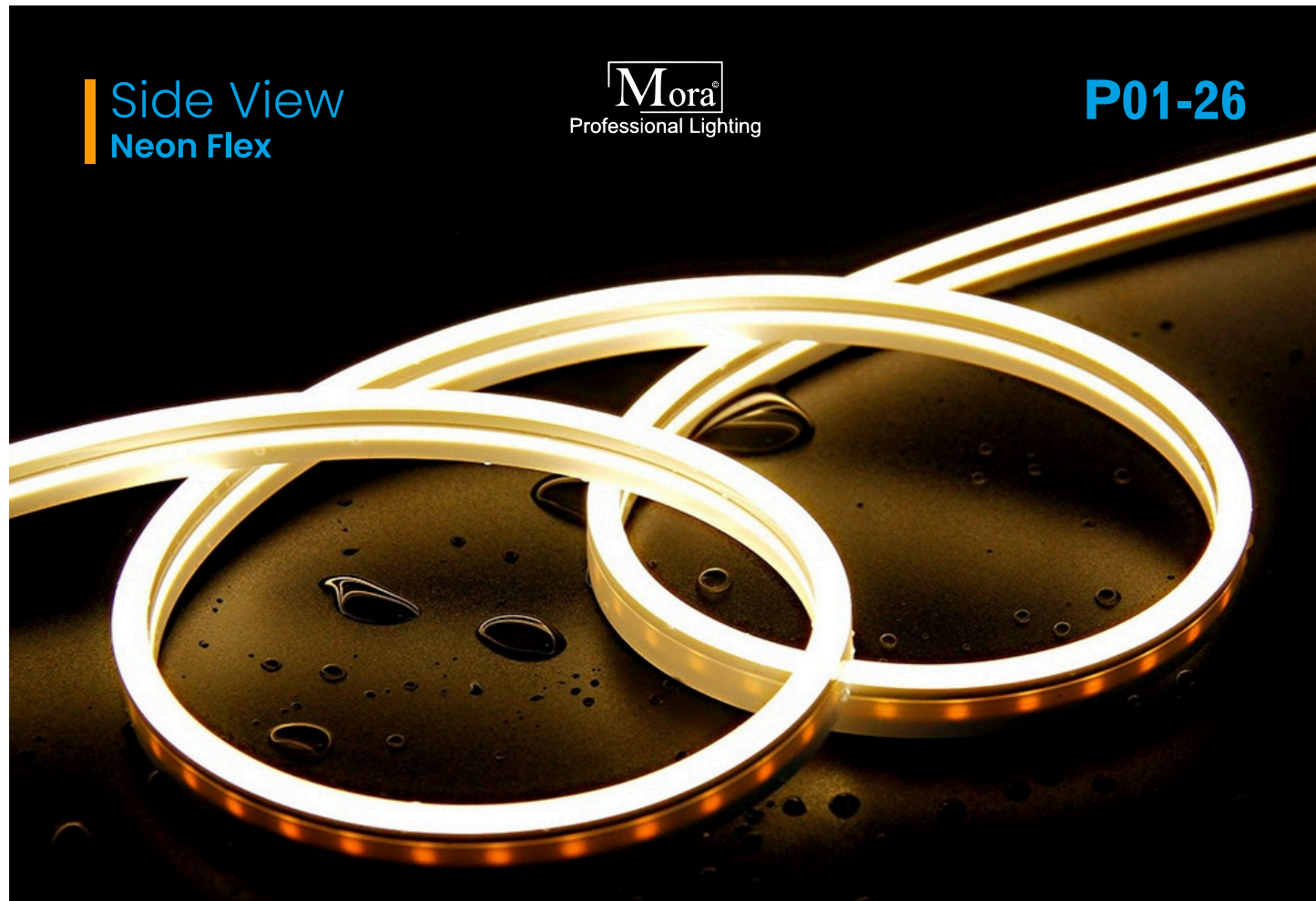
Alamat: Jl. H. Liyas No.35, Sudimara Bar., Kec. Ciledug,
Kota Tangerang, Banten 15153



Side View
Neon Flex

Mora[®]
Professional Lighting

P01-26



360° Round
Neon Flex

Mora[®]
Professional Lighting

P45-46



Top View
Neon Flex

Mora[®]
Professional Lighting

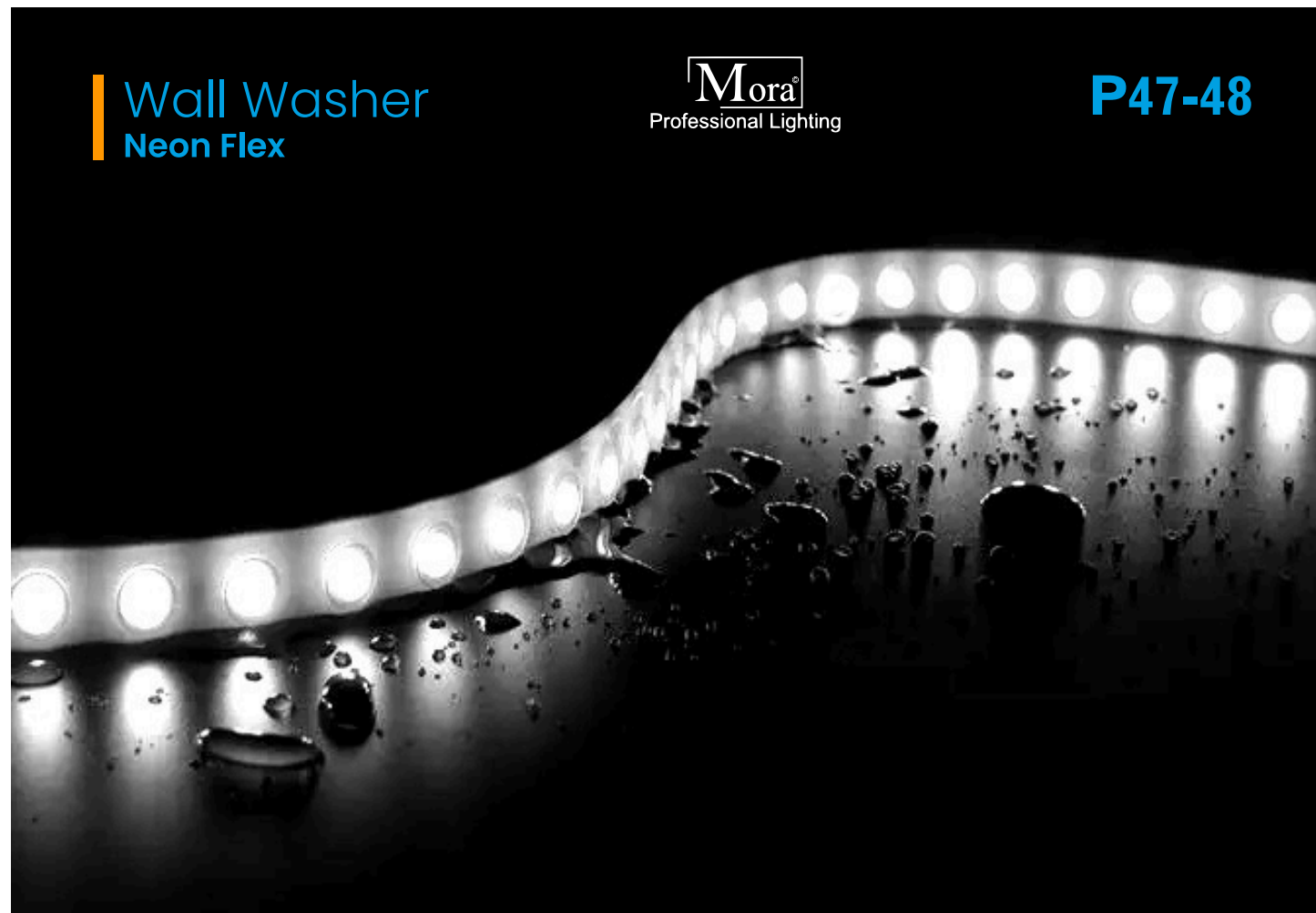
P27-44



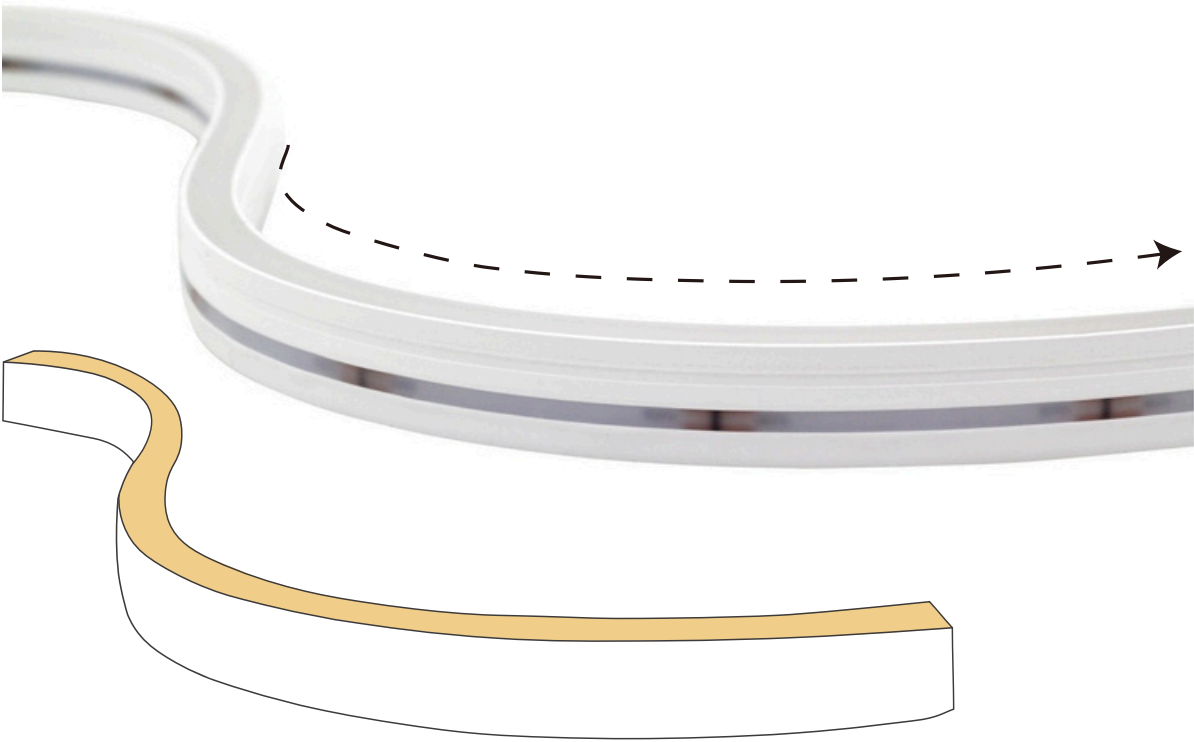
Wall Washer
Neon Flex

Mora[®]
Professional Lighting

P47-48



Side View Neon Flex

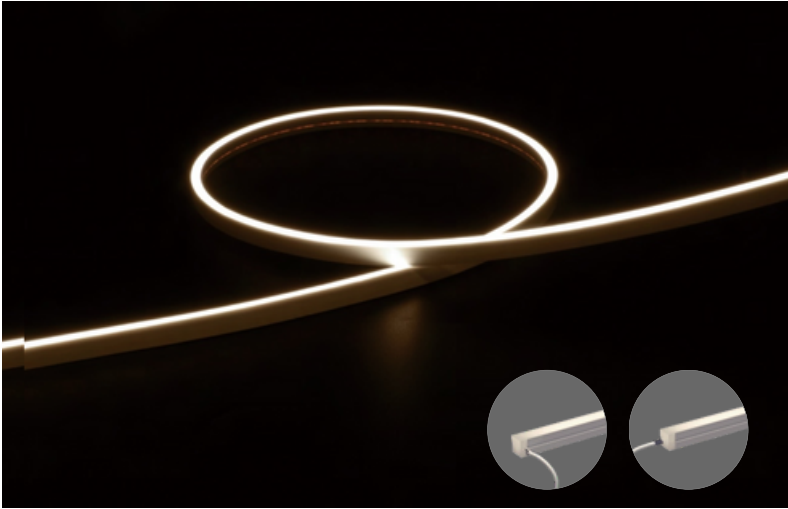


Listing

Model No.	0408C	0410C	0612C	0815C	1020C	1220C	1616C	102213C	122515C
Voltage (V DC)	12V/24V	12V/24V	12V/24V	12V/24V	12V/24V	12V/24V	12V/24V	12V/24V	12V/24V
Bending Diameter	50mm	50mm	60mm	60mm	80mm	120mm	120mm	120mm	120mm
Drawing(mm)	4*8	4*10	6*12	8*15	10*20	12*20	16*16	10*22	12*25
IP Grade	67	67	67	67	67	67	67	67	67
PCB width	5mm	6mm	8mm	10mm	8mm/10mm	10mm/12mm	8mm/10mm	10mm/12mm	10mm/12mm
White	✓	✓	✓	✓	✓	✓	✓	✓	✓
CCT	×	✓	✓	✓	✓	✓	✓	✓	✓
RGB	×	×	✓	✓	✓	✓	✓	✓	✓
RGBW	×	×	×	✓	✓	✓	✓	✓	✓
Pixel	×	×	✓	✓	✓	✓	✓	✓	✓

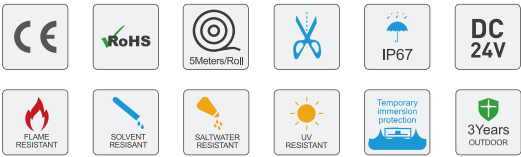
Side View Neon Flex 0408

2835SMD 5mm



Features

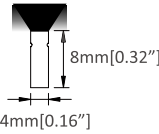
- High transmittance, environmentally friendly silicone material, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Mutiple and easy installation ways
- Available for Single CCT & Single color
- High CRI90 ensures the highest quality white light output



Optical Parameters

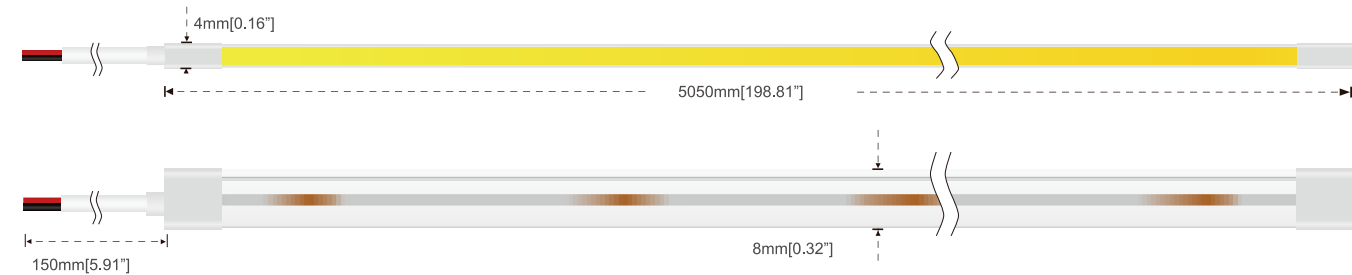
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM01A2	24V DC	2700K 3000K 4000K 5000K 6500K Red Green Blue Yellow	2835SMD	55.55mm-7LEDs	126 Leds/m	CV	7 W/m	280-350 lm/m	40-50 lm/W	Ra90

Physical Parameters

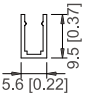
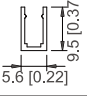
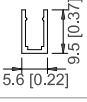
FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
5mm[0.197"]		50mm[1.97"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

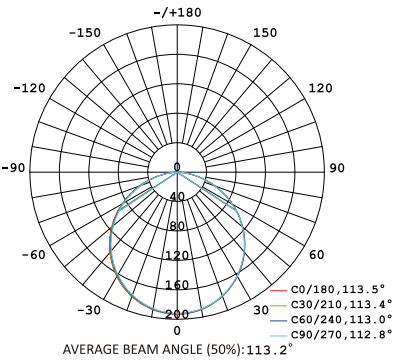
Unit: mm[inch]



Install Optional Accessories

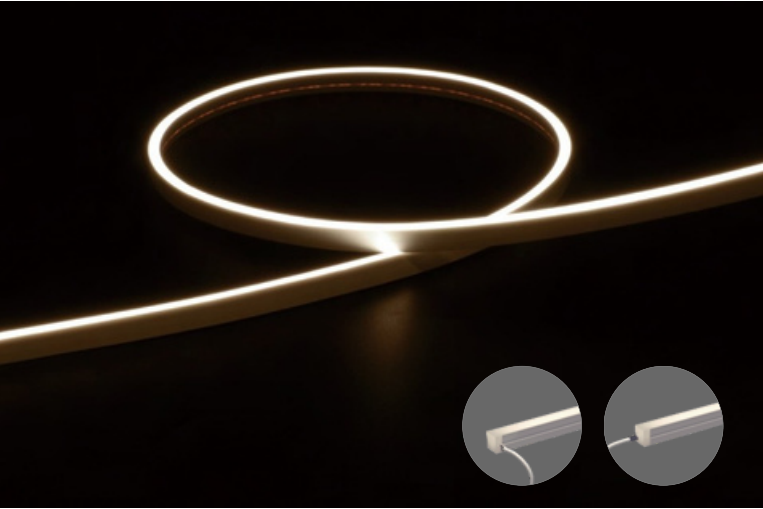
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Side View Neon Flex 0410

2835SMD 6mm



Features

- High transmittance, environmentally friendly silicone material, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Mutiple and easy installation ways
- Available for Single CCT & Single color, tunable white



Optical Parameters

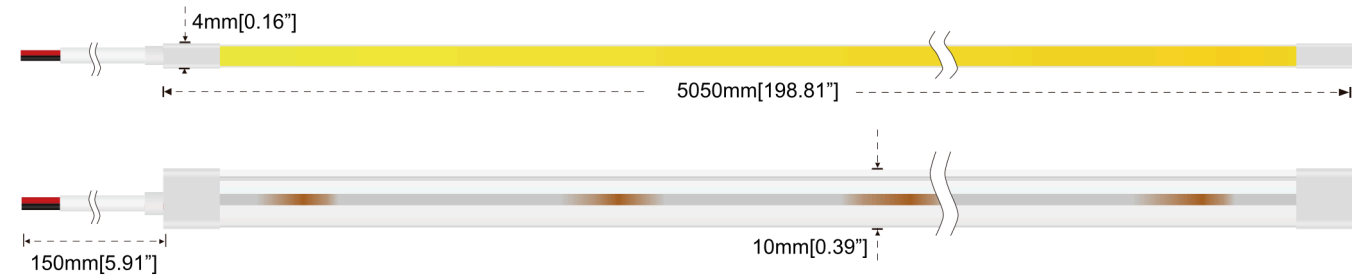
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM02A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	7 W/m	280-350 lm/m	40-50 lm/W	Ra90
FFDM03A2	24V DC	1800K-6500K	2835SMD	83.3mm-7+7LEDs	168 Leds/m	CV	7 W/m	280-350 lm/m	40-50 lm/W	Ra90
FFWM04A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	7 W/m	350-455 lm/m	50-65 lm/W	Ra90
FFDM05A2	24V DC	1800K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	7 W/m	280-350 lm/m	40-50 lm/W	Ra90

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
6mm[0.236"]	10mm[0.39"] 4mm[0.16"]	50mm[1.97"]	-25°C~-45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

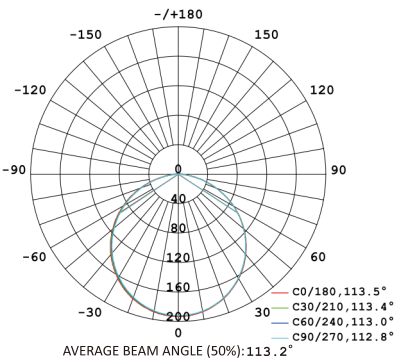
Unit: mm[inch]



Install Optional Accessories

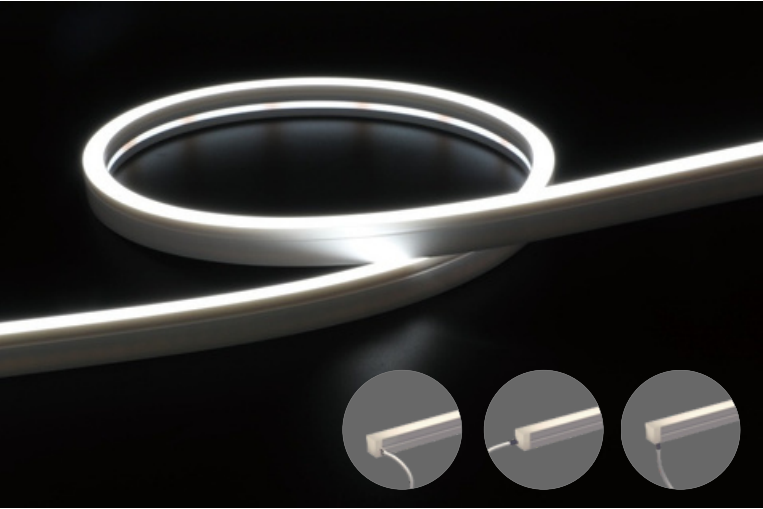
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]	6[0.24]12[0.48]	3 pcs/M
	1000[39.4]	6[0.24]12[0.48]	1 pcs/M
	customizable	5[0.20]10.3[0.41]	/

Luminous Intensity Distribution Diagram



Side View Neon Flex 0612

2835SMD & 4040SMD(RGB/RGBW), 8mm



Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

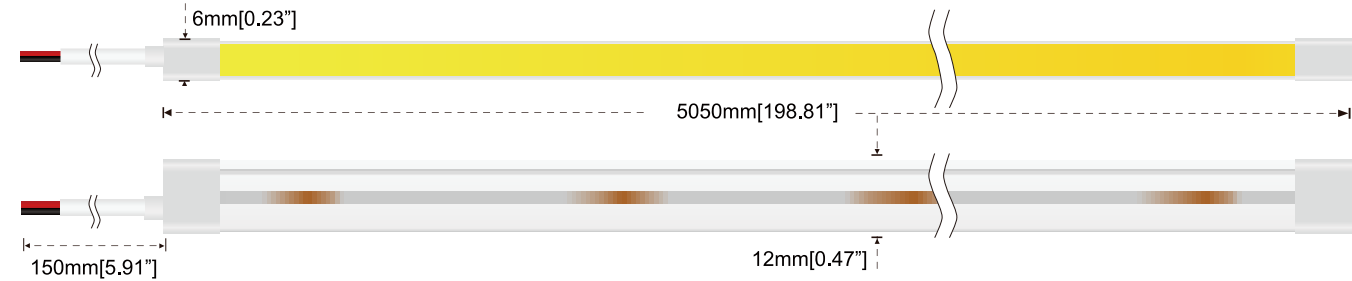
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM08A2	24V DC		2835SMD	55.6mm-7LEDs	126 Leds/m	CV	10 W/m	350-450 lm/m	35-45 lm/W	Ra90
FFWM09A2	24V DC		2835SMD	62.5mm-7+7LEDs	280 Leds/m	CV	10 W/m	350-450 lm/m	35-45 lm/W	Ra90
FFWM11A2	24V DC		2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	7 W/m	280-350 lm/m	40-50 lm/W	Ra90
FFDM10A2	24V DC		2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	10 W/m	400-500 lm/m	40-50 lm/W	Ra90
FMEM07E2	24V DC		4040SMD	83.3mm-6LEDs	120 Leds/m	CV	10 W/m	R45/G110/B25	/	/
FFFM06F2	24V DC		2835SMD	125mm-12LEDs	96 Leds/m	DMX512-8	7 W/m	207-276 lm/m	30-40 lm/W	Ra90

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
8mm[0.32"]		60mm[2.36"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

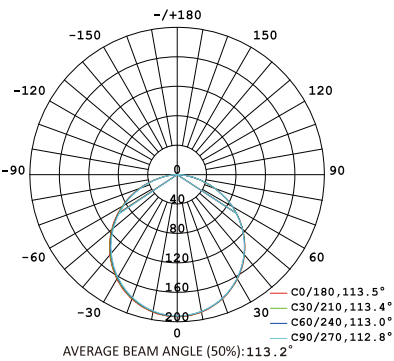
Unit: mm[inch]



Install Optional Accessories

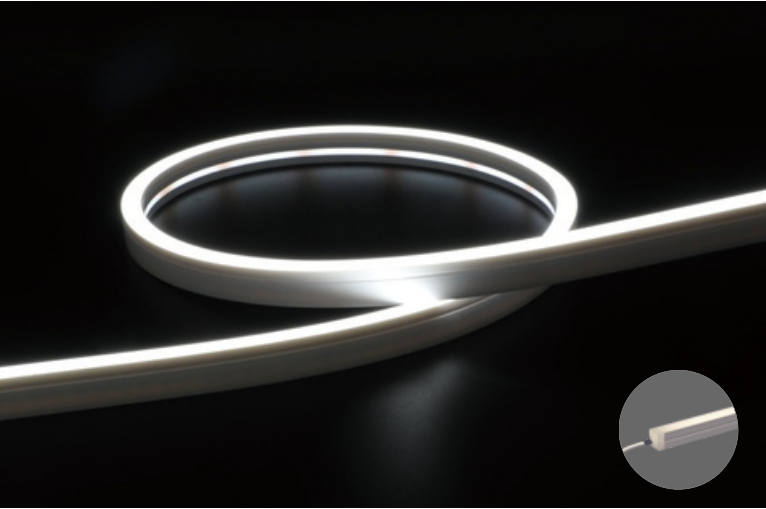
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Side View Neon Flex 0815

2835SMD & 4040SMD(RGB/RGBW), 10mm



Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and Easy Installation ways
- Available for single CCT & Single color,TW, RGB etc.



Optical Parameters

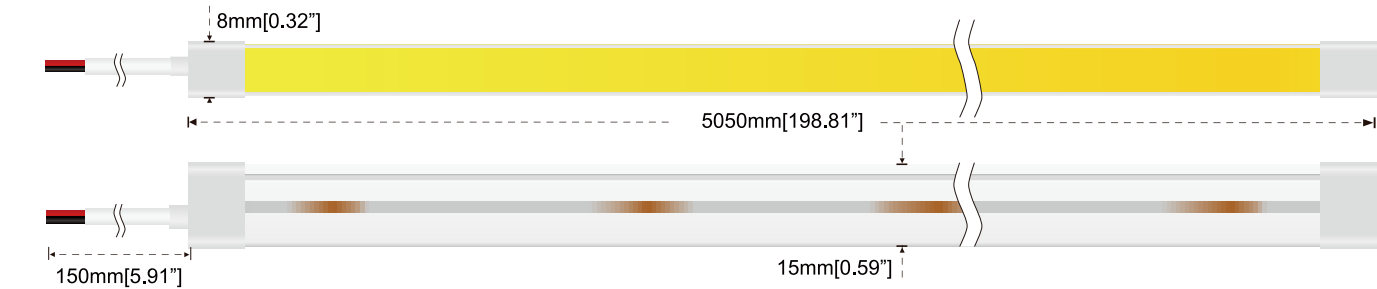
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	10 W/m	350-450 lm/m	35-45 lm/W	Ra90
FFDM17A2	24V DC	3000K-6500K	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	10 W/m	350-450 lm/m	35-45 lm/W	Ra90
FFWM15A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	320-400 lm/m	40-50 lm/W	Ra90
FFDM16A2	24V DC	3000K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	10 W/m	400-500 lm/m	40-50 lm/W	Ra90
FMEM13E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	10 W/m	R45/G110/B25	/	/
FMEM12E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	10 W/m	R35/G95/B17/W85	/	/
FFDM25F2	24V DC	CCT Pixel	2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	135-190 lm/m	25-35 lm/W	Ra90/80
FMFM12F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	10 W/m	R50/G140/B25	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]	15mm[0.59"] 8mm[0.32"]	60mm[2.36"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

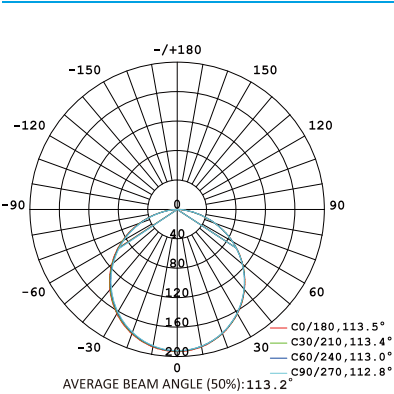
Unit: mm[inch]



Install Optional Accessories

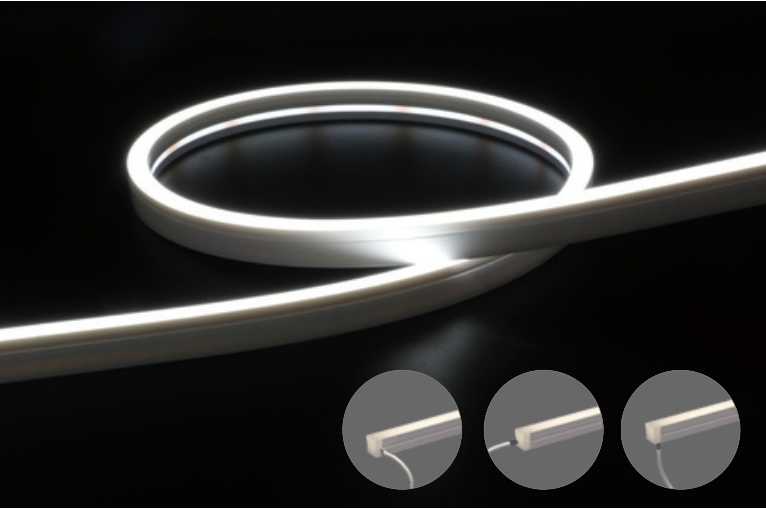
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]	14.8 [0.58] 10.3 [0.41]	3 pcs/M
	1000[39.4]	14.8 [0.58] 10.3 [0.41]	1 pcs/M
	customizable	11.2 [0.44] 9 [0.35]	/

Luminous Intensity Distribution Diagram



Side View Neon Flex 1020

2835SMD & 4040SMD(RGB/RGBW), 10mm



Features

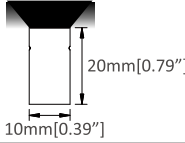
- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

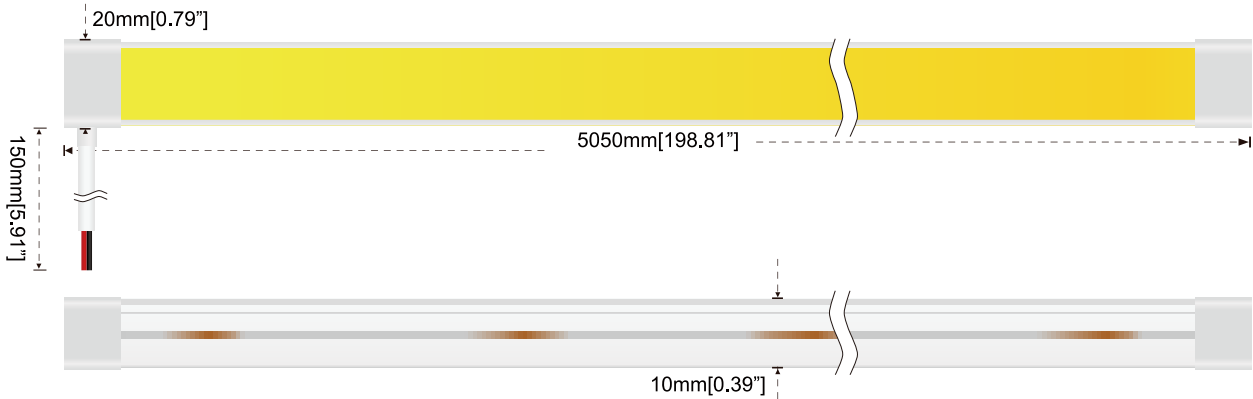
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC	2700K 3000K 4000K 5000K 6500K CCT	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	300-420 lm/m	25-35 lm/W	Ra90/80
FFDM17A2	24V DC	2800K-6500K	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	300-420 lm/m	25-35 lm/W	Ra90/80
FFWM15A2	24V DC	2700K 3000K 4000K 5000K 6500K CCT	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	240-320 lm/m	30-40 lm/W	Ra90/80
FFDM16A2	24V DC	2800K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	10 W/m	250-350 lm/m	30-40 lm/W	Ra90/80
FMEM13E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	12 W/m	R48/G120/B25	/	/
FMEM12E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	12 W/m	R35/G100/B17/W88	/	/
FFDM25F2	24V DC	CCT Pixel	2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	130-190 lm/m	25-35 lm/W	Ra90/80
FFFM12F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R50/G140/B25	/	/

Physical Parameters

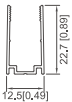
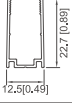
FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]		80mm[3.15"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

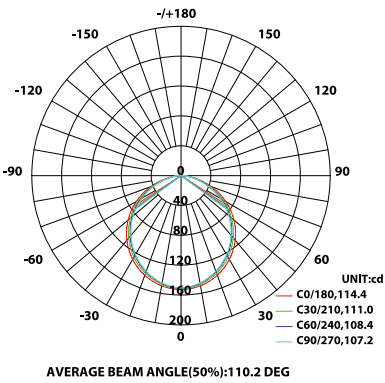
Unit: mm[inch]



Install Optional Accessories

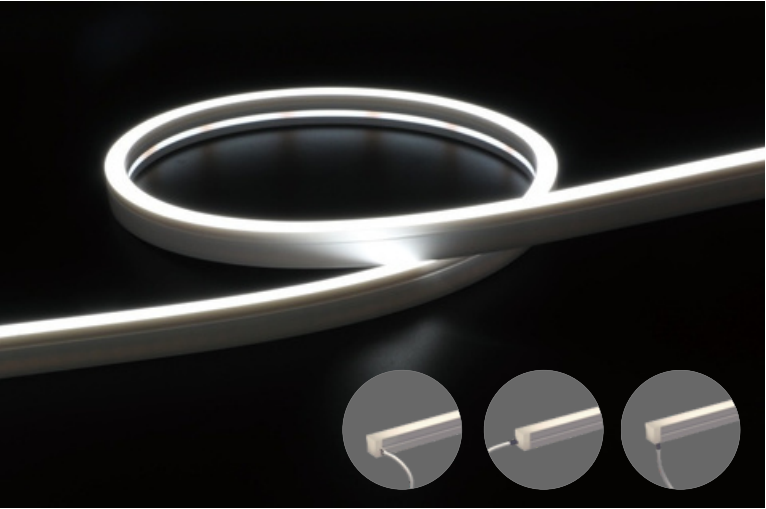
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable	/	/

Luminous Intensity Distribution Diagram



Side View Neon Flex 1220

2835SMD & 4040SMD(RGB/RGBW), 10mm



Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

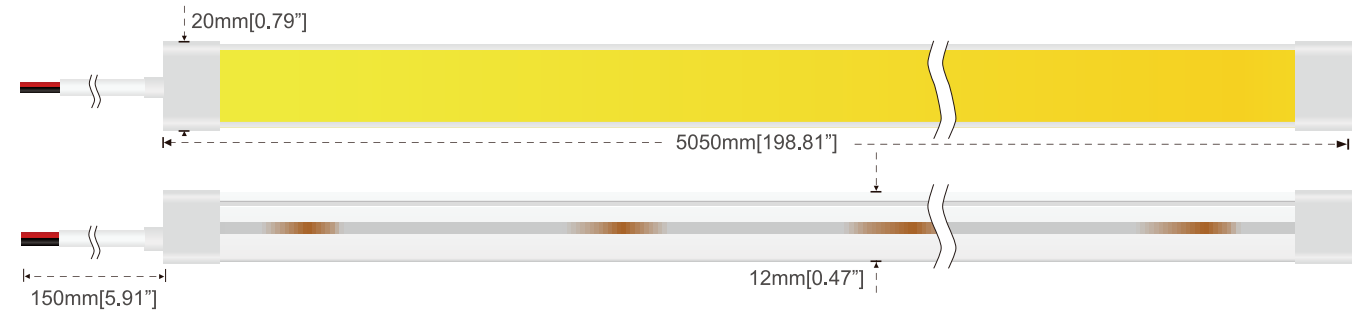
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC		2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	240-360 lm/m	20-30 lm/W	Ra90/80
FFDM17A2	24V DC		2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	240-360 lm/m	20-30 lm/W	Ra90/80
FFWM15A2	24V DC		2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	200-280 lm/m	25-35 lm/W	Ra90/80
FFDM16A2	24V DC		2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	10 W/m	250-350 lm/m	25-35 lm/W	Ra90/80
FMEM13E2	24V DC		4040SMD	83.3mm-6LEDs	120 Leds/m	CV	12 W/m	R21/G60/B17	/	/
FMEM12E2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	CV	12 W/m	R17/G51/B13/W65	/	/
FFDM25F2	24V DC		2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-9	5.5 W/m	110-165 lm/m	20-30 lm/W	Ra90/80
FMFM12F2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R27/G73/B22	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]		120mm[4.72"]	-25°C~-45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

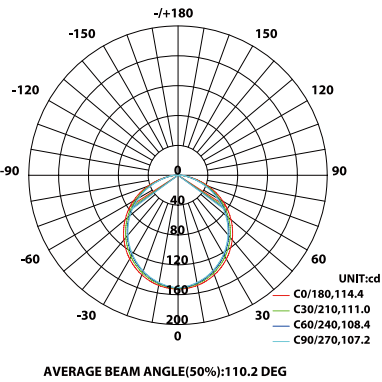
Unit: mm[inch]



Install Optional Accessories

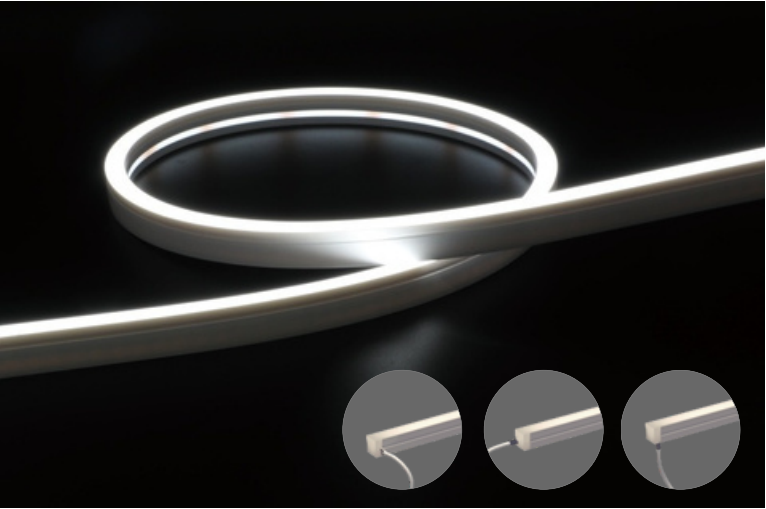
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Side View Neon Flex 1220

2835SMD & 4040SMD(RGB/RGBW), 12mm



Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color,TW, RGB etc.



Optical Parameters

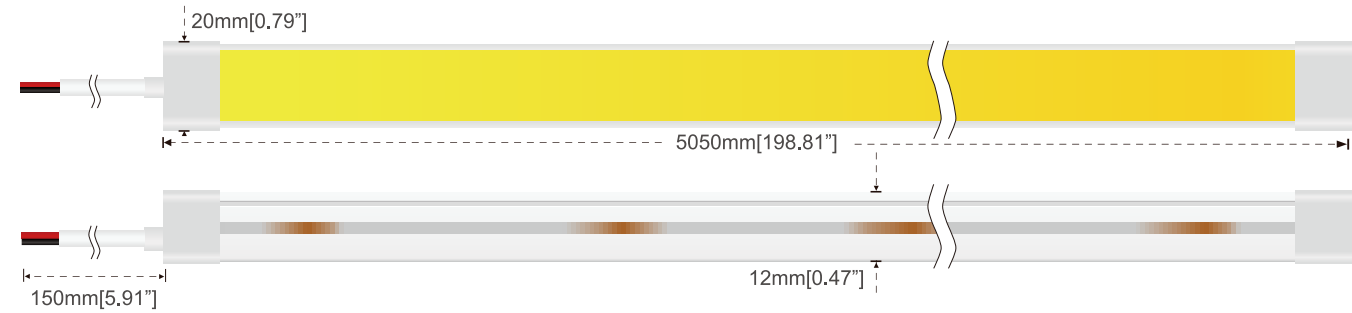
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM20A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	240-360 lm/m	20-30 lm/W	Ra90/80
FFDM23A2	24V DC	2800K-6500K	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	240-360 lm/m	20-30 lm/W	Ra90/80
FFWM21A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	10 W/m	200-280 lm/m	25-35 lm/W	Ra90/80
FFDM22A2	24V DC	2800K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	250-350 lm/m	25-35 lm/W	Ra90/80
FMEM19E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	12 W/m	R22/G72/B21	/	/
FMEM18E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	12 W/m	R29/G60/B15/W80	/	/
FMFM18F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R27/G73/B22	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
12mm[0.47]	12mm[0.47] 20mm[0.79"]	120mm[4.72"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

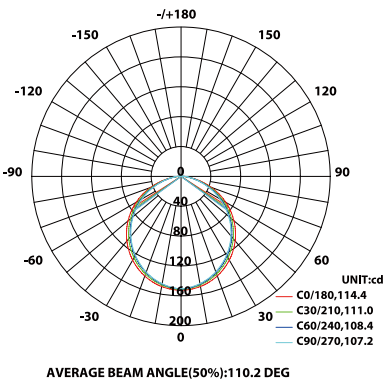
Unit: mm[inch]



Install Optional Accessories

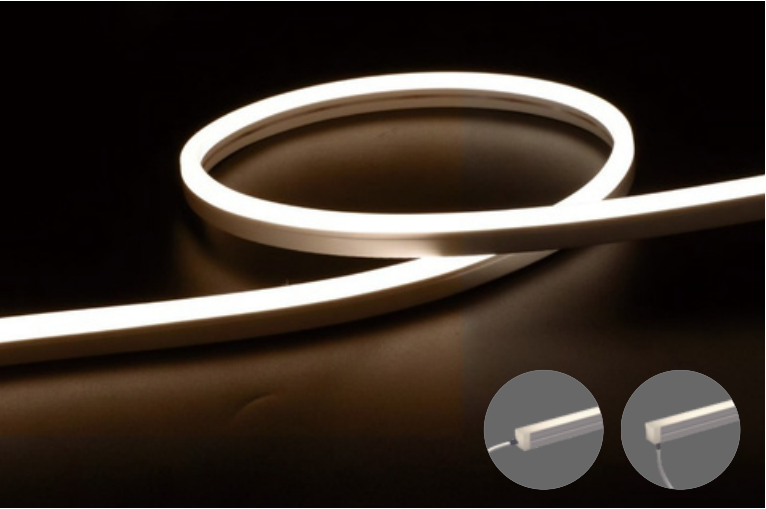
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Side View Neon Flex 1616

2835SMD, 8mm



Features

- High Transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for Single CCT & Single color, tunable white



Optical Parameters

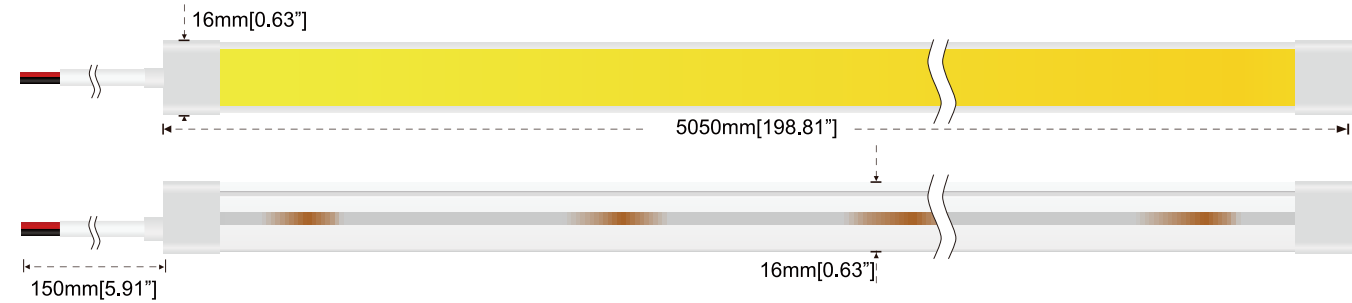
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM08A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	10 W/m	550-650 lm/m	55-65 lm/W	Ra90/80
FFWM09A2	24V DC	2800K-6500K	2835SMD	50mm-7+7LEDs	280 Leds/m	CV	16 W/m	960-1120 lm/m	55-65 lm/W	Ra90/80
FFWM11A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	7 W/m	420-490 lm/m	60-70 lm/W	Ra90/80
FFDM10A2	24V DC	2800K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	720-840 lm/m	60-70 lm/W	Ra90/80

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
8mm[0.32"]	16mm[0.63"] 16mm[0.63"]	120mm[4.72"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

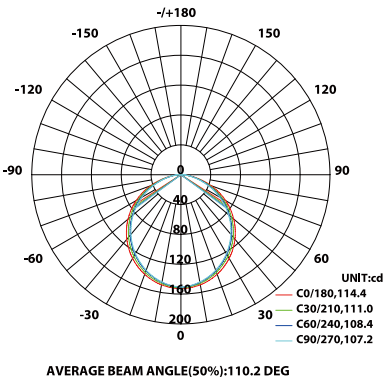
Unit: mm[inch]



Install Optional Accessories

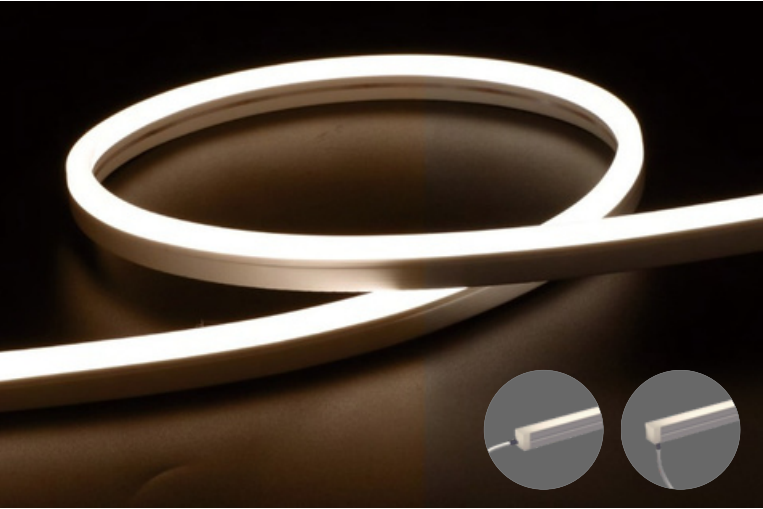
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Side View Neon Flex 1616

2835SMD & 4040SMD(RGB/RGBW), 10mm



Features

- High Transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

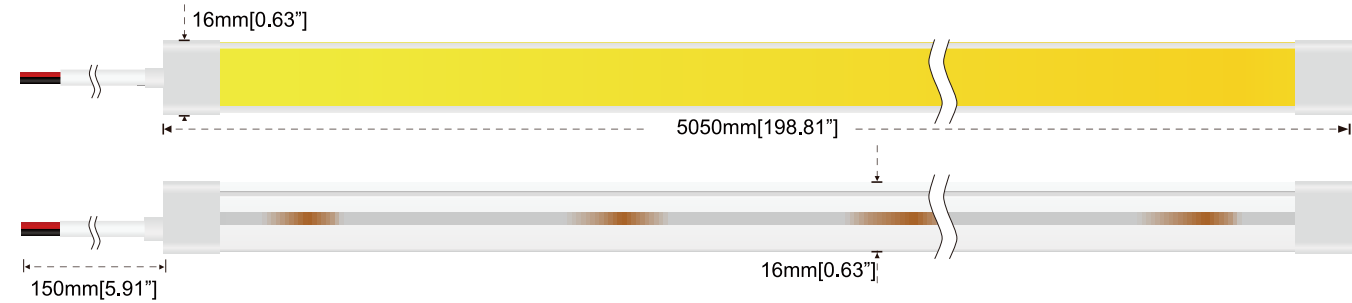
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	600-720 lm/m	50-60 lm/W	Ra90/80
FFDM17A2	24V DC	3000K-6500K	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	700-840 lm/m	50-60 lm/W	Ra90/80
FFWM15A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	440-520 lm/m	55-65 lm/W	Ra90/80
FFDM16A2	24V DC	3000K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	660-780 lm/m	55-65 lm/W	Ra90/80
FMEM13E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	14.4 W/m	R40/G120/B30	/	/
FMEM12E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	14.4 W/m	R35/G115/B25/W115	/	/
FFDM25F2	24V DC	CCT Pixel	2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	190-245 lm/m	35-45 lm/W	Ra90/80
FMFM12F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R30/G110/B20	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]	16mm[0.63"] 16mm[0.63"]	120mm[4.72"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

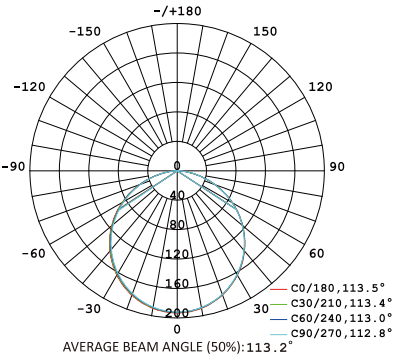
Unit: mm[inch]



Install Optional Accessories

Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Side View Neon Flex 102213

2835SMD & 4040SMD(RGB/RGBW), 10mm



Features

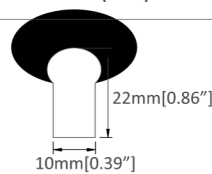
- High Transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

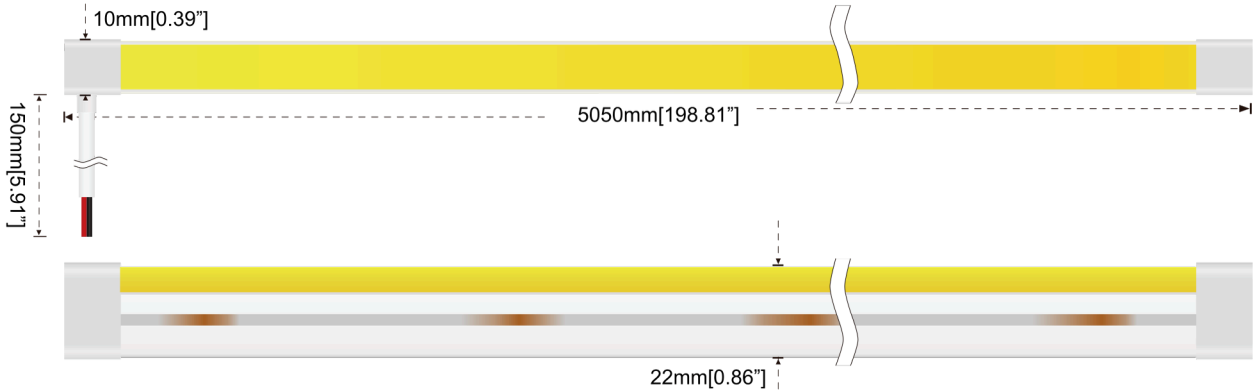
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC	2700K 3000K 4000K 5000K 6500K CCT, Red, Green, Blue, Yellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	240-360 lm/m	20-30 lm/W	Ra90/80
FFDM17A2	24V DC	2800K-6500K CCT	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	240-360 lm/m	20-30 lm/W	Ra90/80
FFWM15A2	24V DC	2700K 3000K 4000K 5000K 6500K CCT, Red, Green, Blue, Yellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	240-360 lm/m	25-35 lm/W	Ra90/80
FFDM16A2	24V DC	2800K-6500K CCT	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	240-360 lm/m	25-35 lm/W	Ra90/80
FMEM13E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	14.4 W/m	R36/G93/B21	/	/
FMEM12E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	14.4 W/m	R30/G80/B16/W76	/	/
FFDM25F2	24V DC	CCT Pixel	2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	110-165 lm/m	20-30 lm/W	Ra90/80
FMFM12F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R32/G82/B18	/	/

Physical Parameters

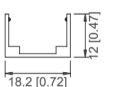
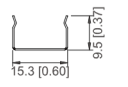
FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]	 22mm[0.86"] 10mm[0.39"]	120mm[4.72"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

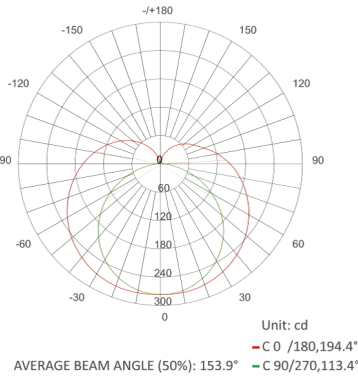
Unit: mm[inch]



Install Optional Accessories

Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Side View Neon Flex 122515

2835SMD & 4040SMD(RGB/RGBW), 10mm



Feature

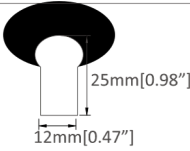
- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

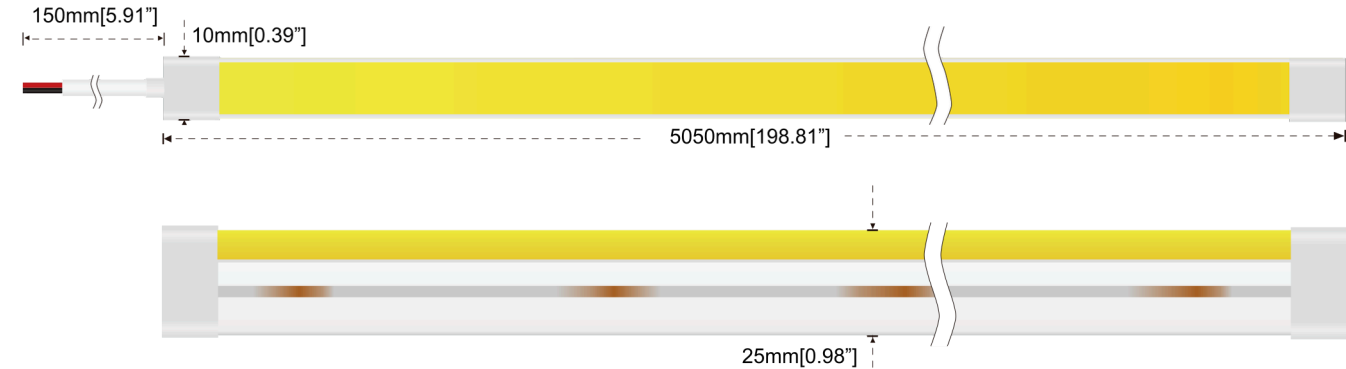
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC	2700K 3000K 4000K 5000K 6500K CCT	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	240-360 lm/m	20-30 lm/W	Ra90/80
FFDM17A2	24V DC	2800K-6500K	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	16 W/m	160-240 lm/m	20-30 lm/W	Ra90/80
FFWM15A2	24V DC	2700K 3000K 4000K 5000K 6500K CCT	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	200-280 lm/m	25-35 lm/W	Ra90/80
FFDM16A2	24V DC	2800K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	150-210 lm/m	25-35 lm/W	Ra90/80
FMEM13E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	14.4 W/m	R36/G90/B21	/	/
FMEM12E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	14.4 W/m	R30/G80/B16/W76	/	/
FFDM25F2	24V DC	CCT Pixel	2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	110-165 lm/m	20-30 lm/W	Ra90/80
FMFM12F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R32/G82/B18	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]		120mm[4.72"]	-25°C~-45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

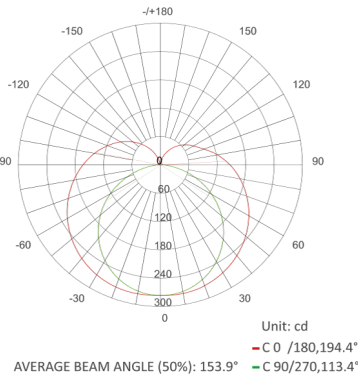
Unit: mm[inch]



Install Optional Accessories

Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable	/	/

Luminous Intensity Distribution Diagram



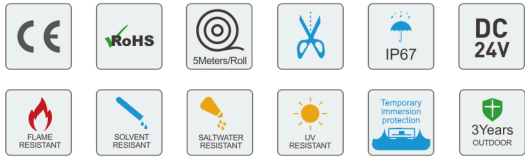
Side View Neon Flex 122515

2835SMD/4040SMD(RGB/RGBW), 12mm



Features

- High Transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

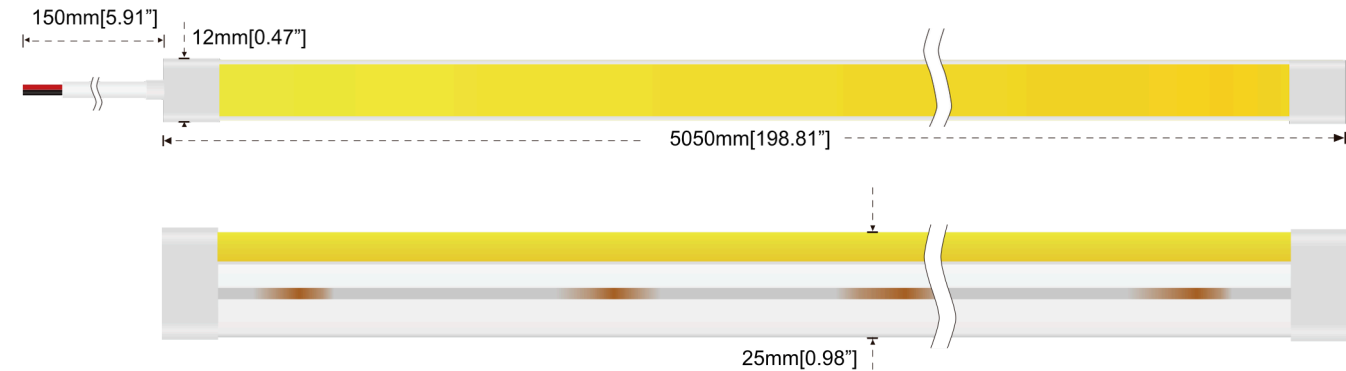
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM20A2	24V DC		2835SMD	55.6mm-7LEDs	126 Leds/m	CV	15 W/m	300-450 lm/m	20-30 lm/W	Ra90/80
FFDM23A2	24V DC		2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	16 W/m	180-270 lm/m	20-30 lm/W	Ra90/80
FFWM21A2	24V DC		2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	10 W/m	250-350 lm/m	25-35 lm/W	Ra90/80
FFDM22A2	24V DC		2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	14 W/m	175-245 lm/m	25-35 lm/W	Ra90/80
FMEM19E2	24V DC		4040SMD	83.3mm-6LEDs	120 Leds/m	CV	16 W/m	R33/G95/B24	/	/
FMEM18E2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	CV	18 W/m	R37/G96/B19/W90	/	/
FMFM18F2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R32/G82/B18	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
12mm[0.47"]	25mm[0.98"] 12mm[0.47"]	120mm[4.72"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

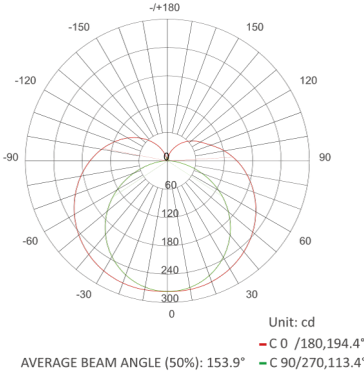
Unit: mm[inch]



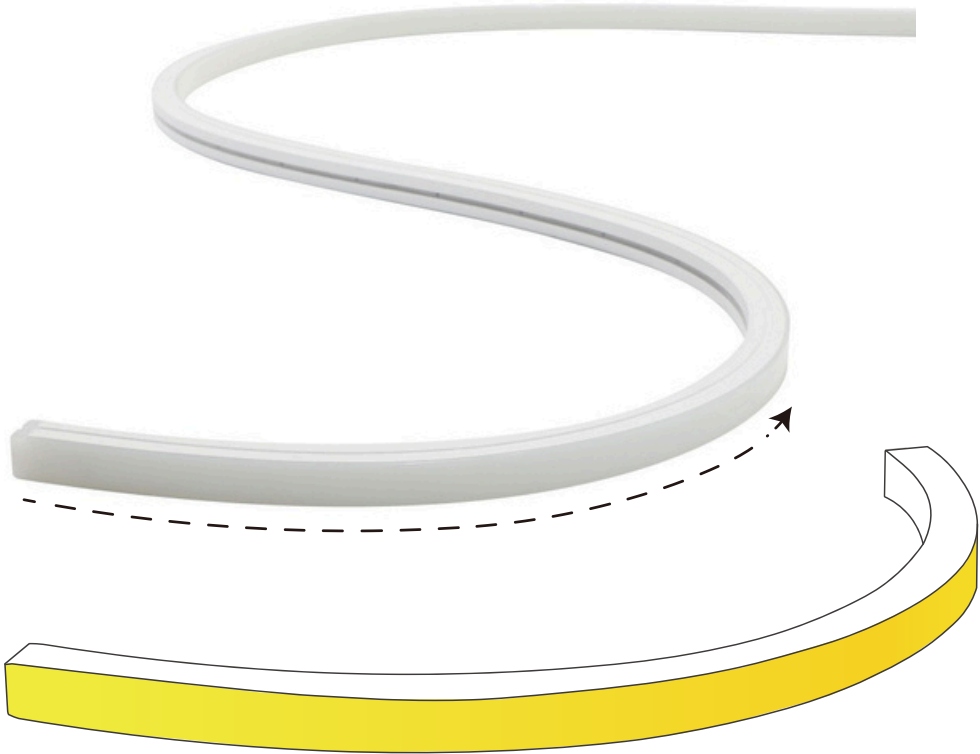
Install Optional Accessories

Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]	16 [0.63] 12.2 [0.48]	3 pcs/M
	1000[39.4]	16 [0.63] 12.2 [0.48]	1 pcs/M
	customizable	/	/

Luminous Intensity Distribution Diagram



Top View Neon Flex

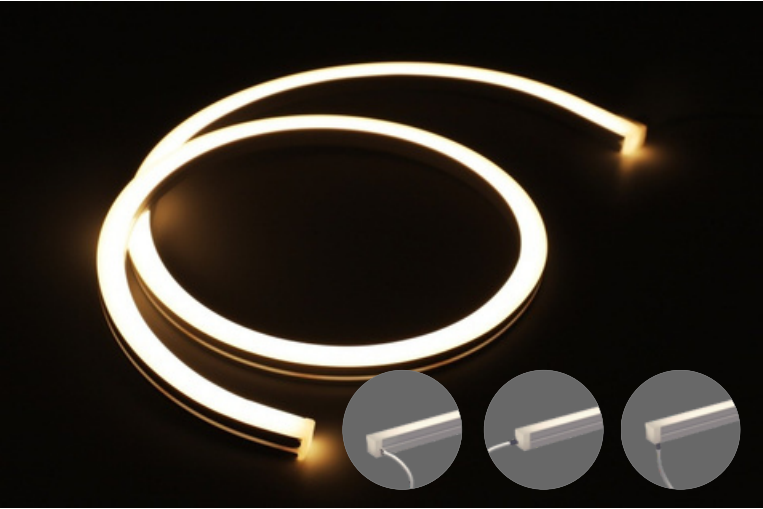


Listing

Model No.	1010Z	1212Z	1616Z	2014Z	2020Z
Voltage (V DC)	12V/24V	12V/24V	12V/24V	12V/24V	12V/24V
Bending Diameter	60mm	60mm	100mm	100mm	1200mm
Drawing(mm)	10*10	12*12	16*16	20*14	20*20
IP Grade	67	67	67	67	67
PCB width	8mm	8mm	10mm/12mm	10mm/12mm	10mm/12mm
White	✓	✓	✓	✓	✓
CCT	✓	✓	✓	✓	✓
RGB	✓	✓	✓	✓	✓
RGBW	×	×	✓	✓	✓
Pixel	×	×	✓	✓	✓

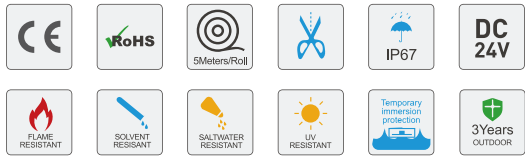
Top View Neon Flex 1010

2835SMD, 8mm



Features

- High transmittance, environmentally friendly silicone material, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Mutiple and easy installation ways
- Available for Single CCT & Single color, tunable white



Optical Parameters

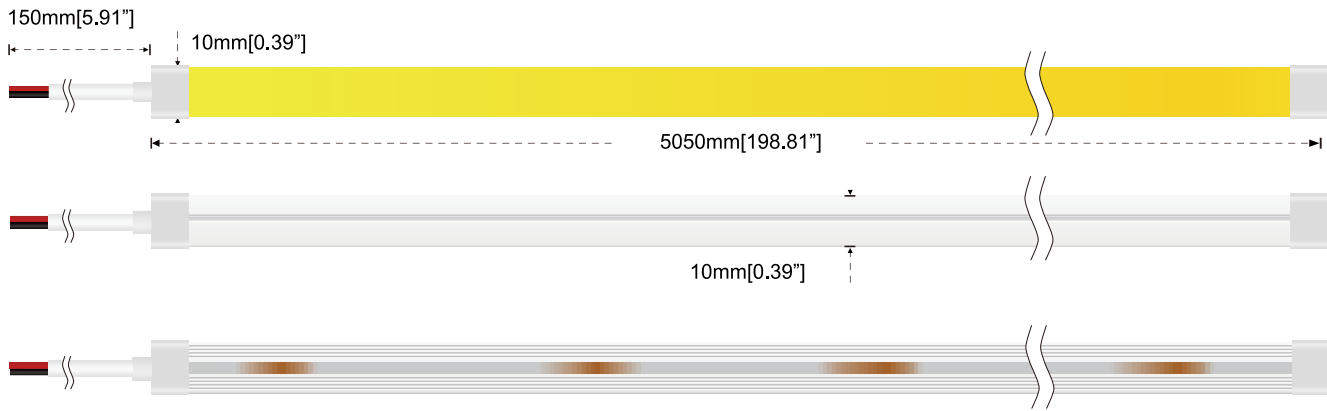
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM08A2	24V DC	2700K 3000K 4000K 5000K 5500K 6500K Red Green Blue Yellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	10 W/m	550-650 lm/m	55-65 lm/W	Ra90/80
FFWM09A2	24V DC	2800K-6500K	2835SMD	50mm-7+7LEDs	280 Leds/m	CV	10 W/m	550-650 lm/m	55-65 lm/W	Ra90/80
FFWM11A2	24V DC	2700K 3000K 4000K 5000K 5500K 6500K Red Green Blue Yellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	7 W/m	420-490 lm/m	60-70 lm/W	Ra90/80
FFDM10A2	24V DC	2800K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	10 W/m	600-700 lm/m	60-70 lm/W	Ra90/80

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
8mm[0.32"]		60mm[2.17"]	-25°C~-45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

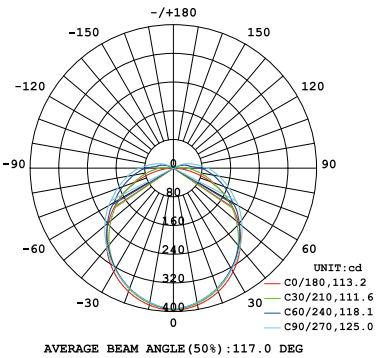
Unit: mm[inch]



Install Optional Accessories

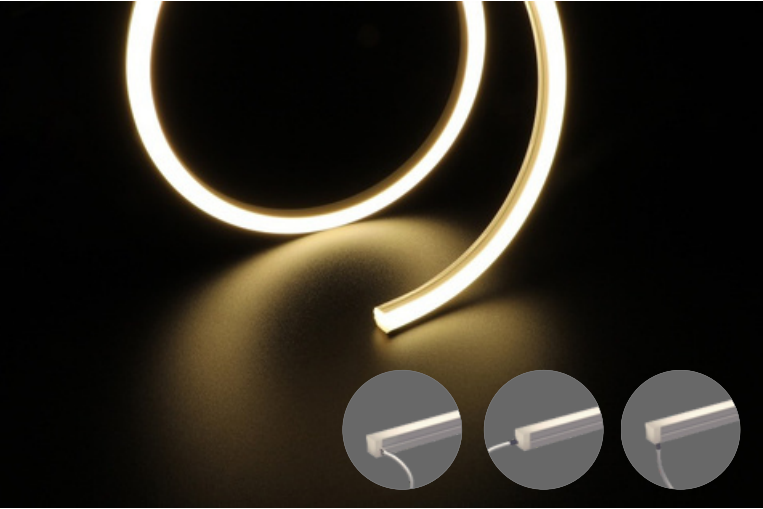
Install Accessories	Length	Drawing(mm/inch)	Qty.
	30mm[1.18inch]		3 pcs/M
	1000mm[39.4inch]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



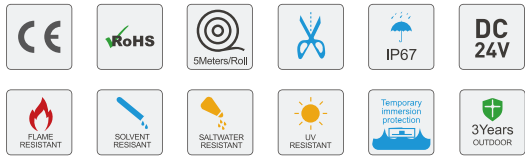
Top View Neon Flex 1212

2835SMD, 8mm



Features

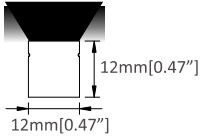
- High transmittance, environmentally friendly silicone material, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Mutiple and easy installation ways
- Available for Single CCT & Single color, tunable white



Optical Parameters

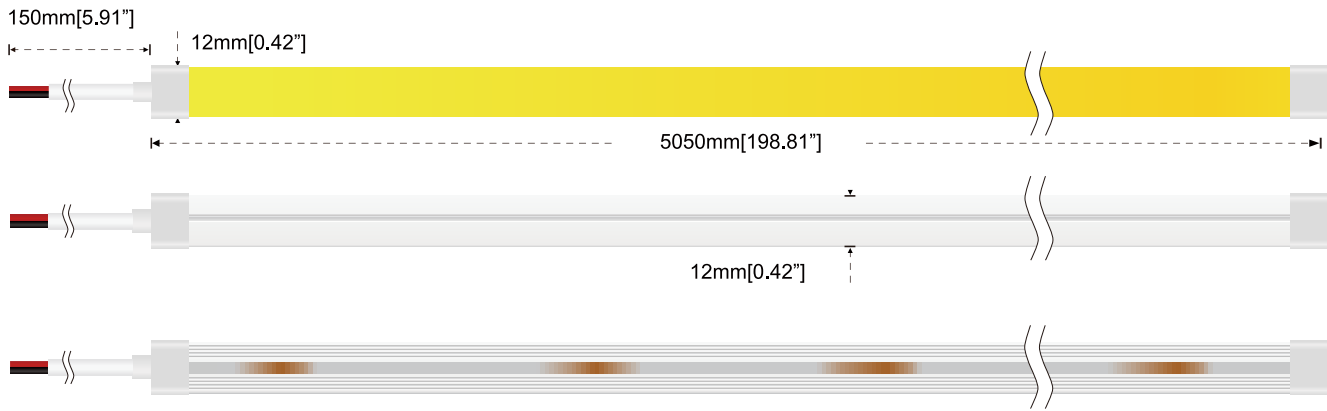
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM08A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	10 W/m	500-600 lm/m	50-60lm/W	Ra90/80
FFWM09A2	24V DC	2700K-6500K	2835SMD	50mm-7+7LEDs	280 Leds/m	CV	10 W/m	500-600 lm/m	50-60 lm/W	Ra90/80
FFWM11A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	7 W/m	385-455 lm/m	55-65 lm/W	Ra90/80
FFDM10A2	24V DC	2700K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	10 W/m	550-650 lm/m	55-65 lm/W	Ra90/80

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
8mm[0.32"]		60mm[2.19"]	-25°C~-45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

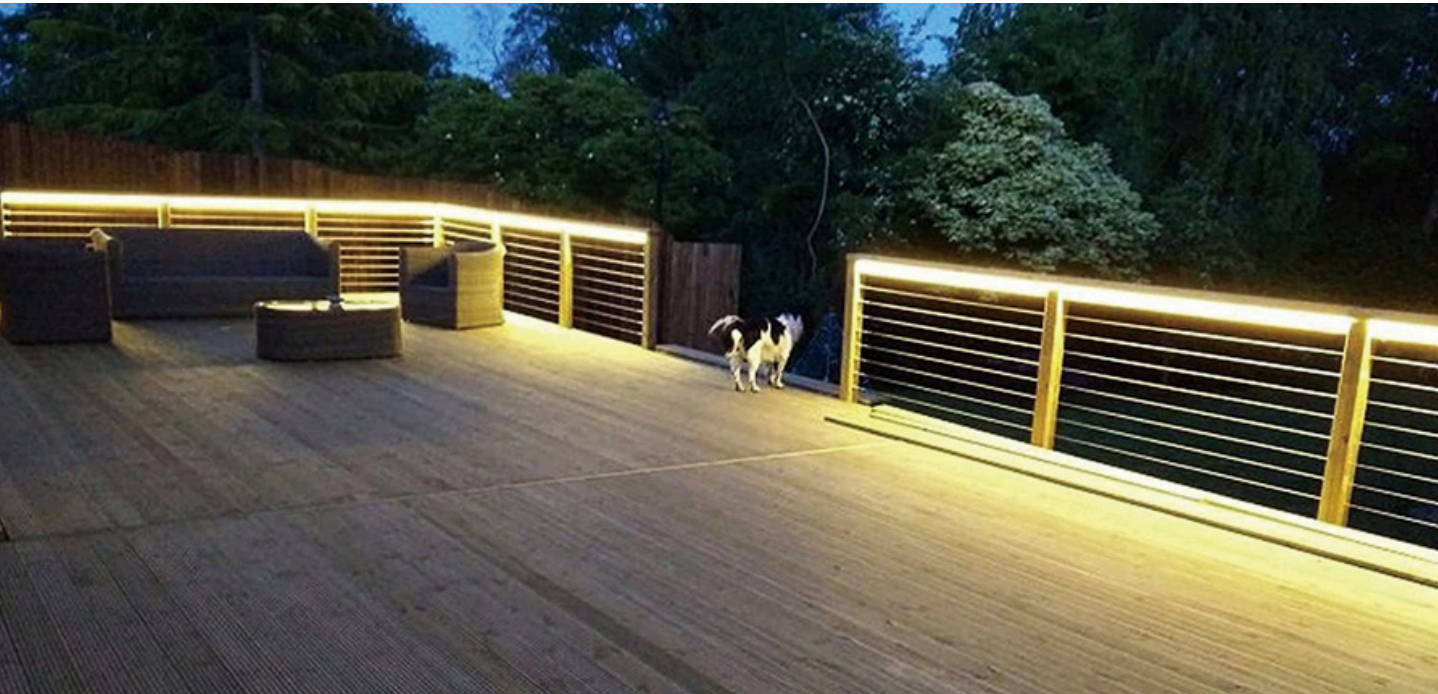
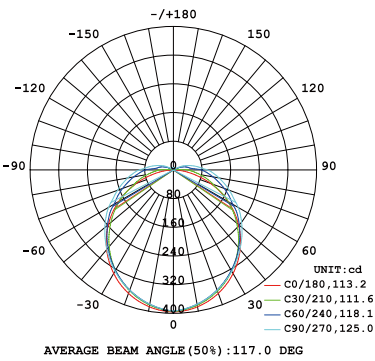
Unit: mm[inch]



Install Optional Accessories

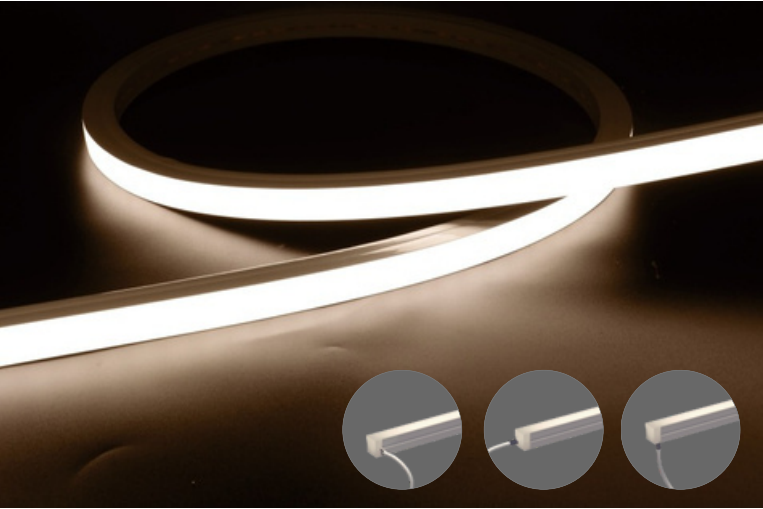
Install Accessories	Length	Drawing(mm/inch)	Qty.
	30mm[1.18inch]		3 pcs/M
	1000mm[39.4inch]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Top View Neon Flex 1616

2835SMD & 4040SMD(RGB/RGBW), 10mm



Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

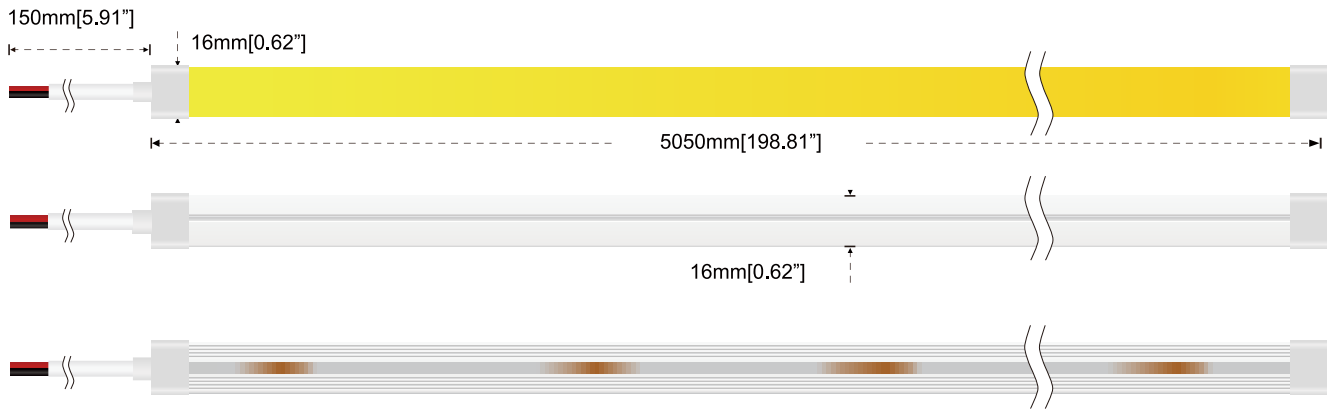
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	660-780 lm/m	55-65 lm/W	Ra90/80
FFDM17A2	24V DC	3000K-6500K	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	660-780 lm/m	55-65 lm/W	Ra90/80
FFWM15A2	24V DC	2700K3000K4000K5000K6500K RedGreenBlueYellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	480-560 lm/m	60-70 lm/W	Ra90/80
FFDM16A2	24V DC	3000K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	720-840 lm/m	60-70 lm/W	Ra90/80
FMEM13E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	14.4 W/m	R40/G125/B13	/	/
FMEM12E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	14.4 W/m	R35/G120/B25/W13	/	/
FFDM25F2	24V DC	CCT Pixel	2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	165-220 lm/m	30-40 lm/W	Ra90/80
FMFM12F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R35/G120/B25	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]	16mm[0.62"] 16mm[0.62"]	100mm[3.95"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

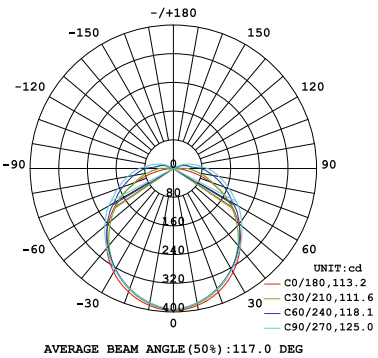
Unit: mm[inch]



Install Optional Accessories

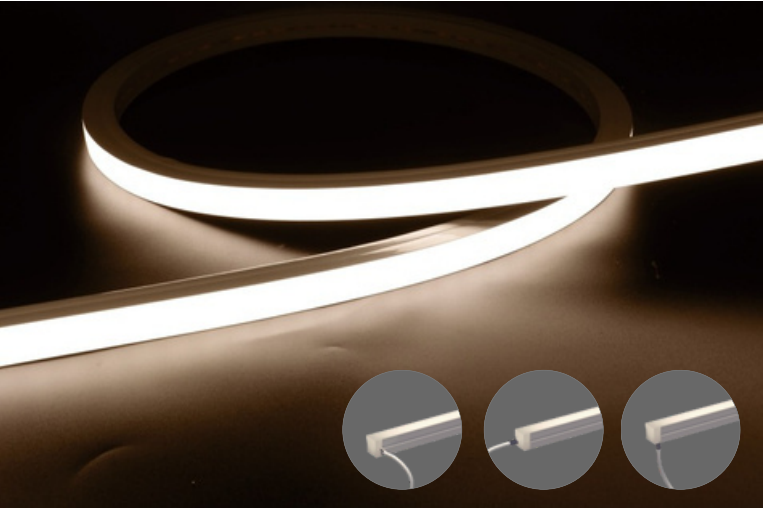
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]	 12[0.47] 18.2[0.72]	3 pcs/M
	1000[39.4]	 12[0.47] 18.2[0.72]	1 pcs/M
	customizable	/	/

Luminous Intensity Distribution Diagram



Top View Neon Flex 1616

2835SMD & 4040SMD(RGB/RGBW), 12mm



Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

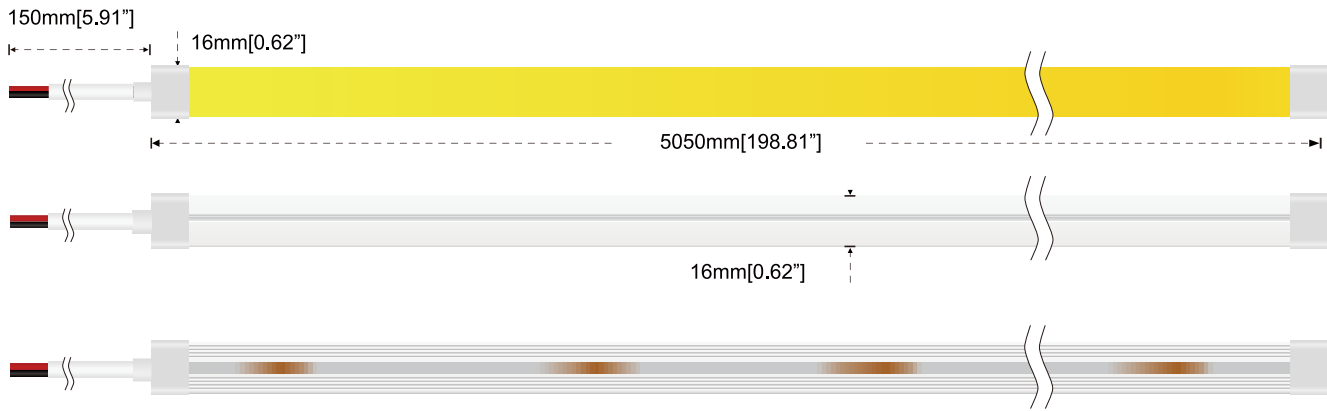
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM20A2	24V DC		2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	750-900 lm/m	50-60 lm/W	Ra90/80
FFDM23A2	24V DC		2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	600-720 lm/m	50-60 lm/W	Ra90/80
FFWM21A2	24V DC		2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	10 W/m	550-650 lm/m	55-65 lm/W	Ra90/80
FFDM22A2	24V DC		2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	14 W/m	770-910 lm/m	55-65 lm/W	Ra90/80
FMEM19E2	24V DC		4040SMD	83.3mm-6LEDs	120 Leds/m	CV	16 W/m	R35/G11/B29	/	/
FMEM18E2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	CV	16 W/m	R33/G110/B25/W11	/	/
FMFM18F2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R35/G120/B25	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
12mm[0.47"]		100mm[3.93"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

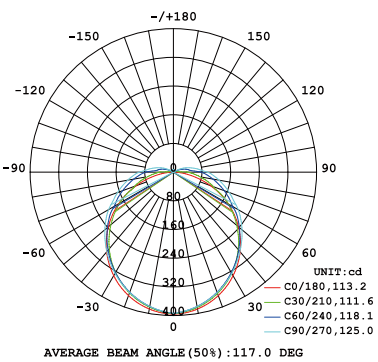
Unit: mm[inch]



Install Optional Accessories

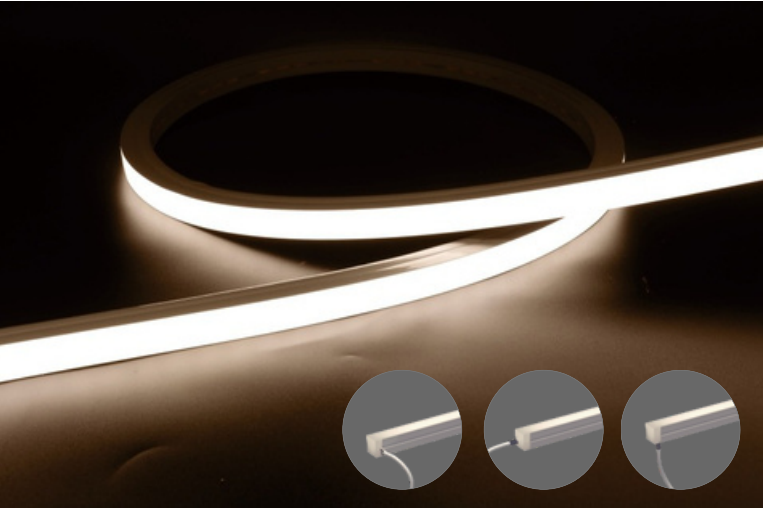
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable	/	/

Luminous Intensity Distribution Diagram



Top View Neon Flex 2014

2835SMD & 4040SMD(RGB/RGBW), 10mm



Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

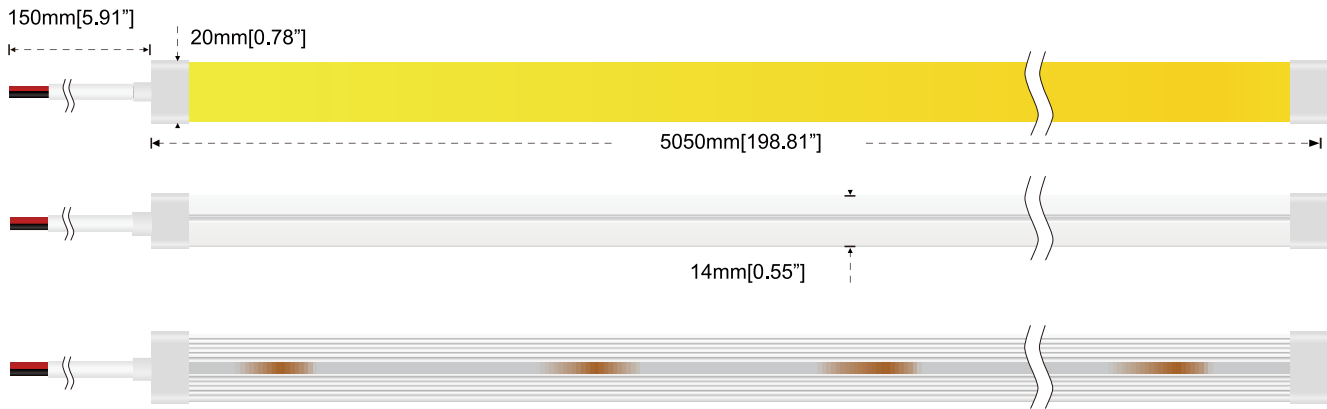
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC		2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	660-780 lm/m	55-65 lm/W	Ra90/80
FFDM17A2	24V DC		2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	12 W/m	440-520 lm/m	55-65 lm/W	Ra90/80
FFWM15A2	24V DC		2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	480-560 lm/m	60-70 lm/W	Ra90/80
FFDM16A2	24V DC		2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	360-420 lm/m	60-70 lm/W	Ra90/80
FMEM13E2	24V DC		4040SMD	83.3mm-6LEDs	120 Leds/m	CV	14.4 W/m	R36/G118/B21	/	/
FMEM12E2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	CV	14.4 W/m	R31/G107/B16/W155	/	/
FFDM25F2	24V DC		2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	165-220 lm/m	30-40 lm/W	Ra90/80
FMFM12F2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R34/G115/B22	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]		100mm[3.94"]	-25°C~-45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

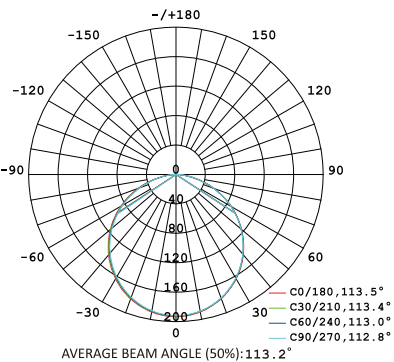
Unit: mm[inch]



Install Optional Accessories

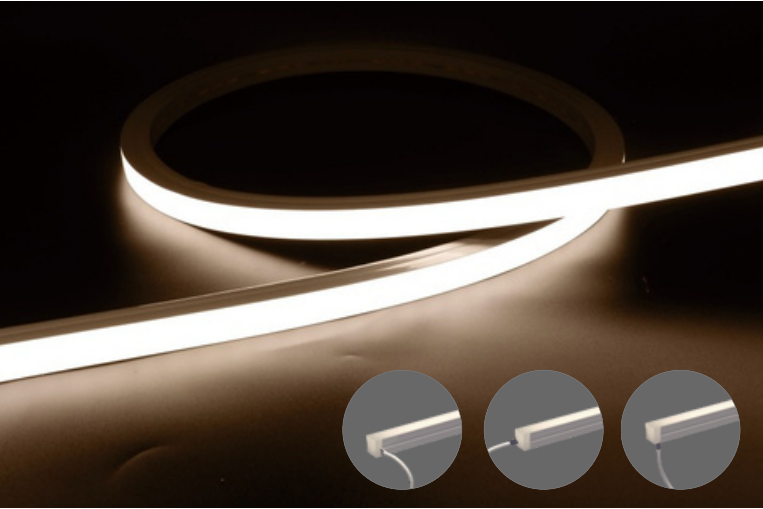
Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Top View Neon Flex 2014

2835SMD & 4040SMD(RGB/RGBW), 12mm



Feature

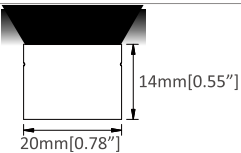
- High Transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

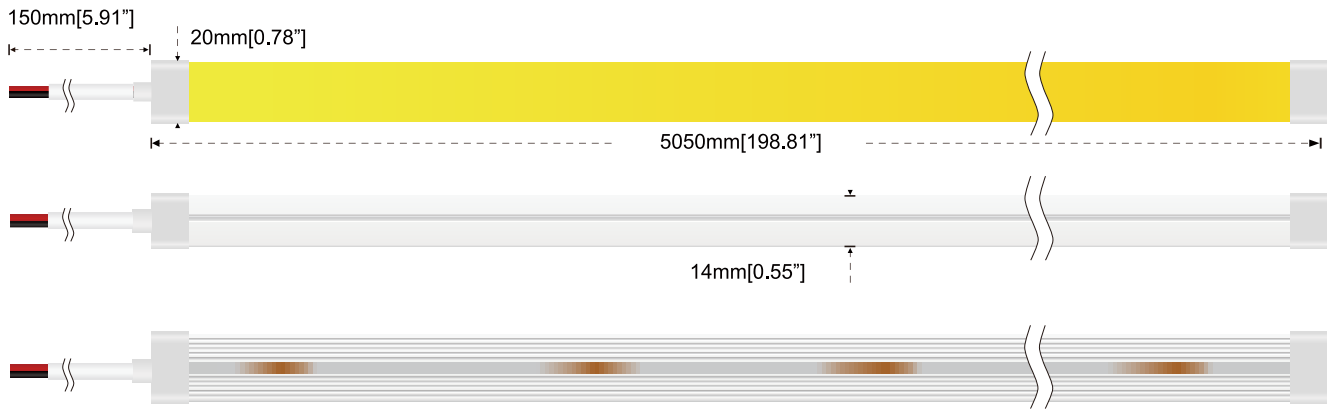
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM20A2	24V DC	2700K 3000K 4000K 5000K 6500K RGB Red Green Blue Yellow	2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	825-975 lm/m	55-65 lm/W	Ra90/80
FFDM23A2	24V DC	2800K-6500K	2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	18 W/m	495-585 lm/m	55-65 lm/W	Ra90/80
FFWM21A2	24V DC	2700K 3000K 4000K 5000K 6500K RGB Red Green Blue Yellow	2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	10 W/m	600-700 lm/m	60-70 lm/W	Ra90/80
FFDM23A2	24V DC	2800K-6500K	2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	14 W/m	420-490 lm/m	60-70 lm/W	Ra90/80
FMEM19E2	24V DC	RGB	4040SMD	83.3mm-6LEDs	120 Leds/m	CV	18 W/m	R38/G120/B25	/	/
FMEM18E2	24V DC	RGB+W	4040SMD	62.5mm-6LEDs	96Leds/m	CV	19.5 W/m	R35/G110/B18/W165	/	/
FMFM18F2	24V DC	RGB Pixel	4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R35/G120/B25	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
12mm[0.47"]		100mm[3.94"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

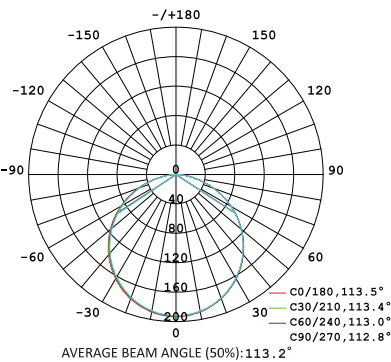
Unit: mm[inch]



Install Optional Accessories

Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Top View Neon Flex 2020

2835SMD & 4040SMD(RGB/RGBW), 10mm



Feature

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and Easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

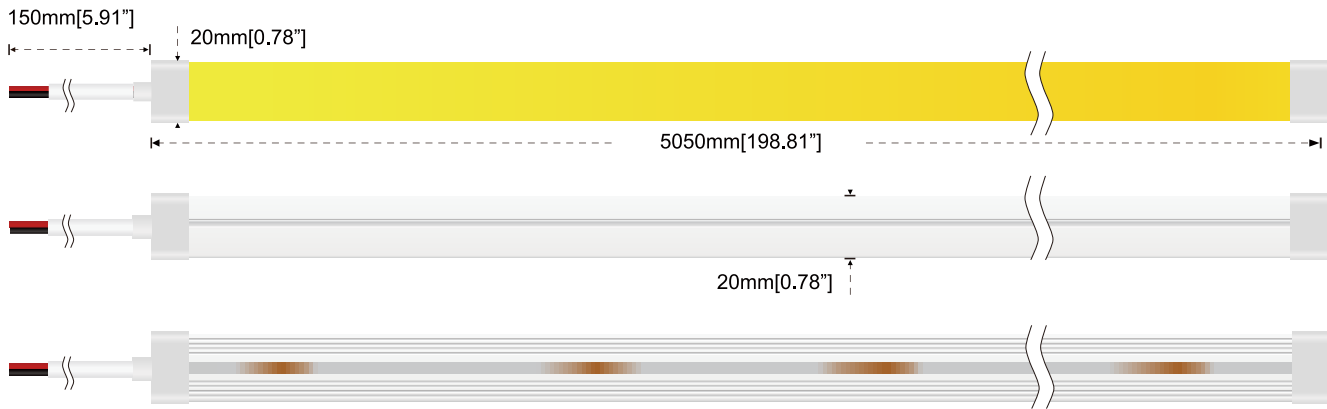
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM14A2	24V DC		2835SMD	55.6mm-7LEDs	126 Leds/m	CV	12 W/m	600-720 lm/m	50-60 m/W	Ra90/80
FFDM17A2	24V DC		2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	16 W/m	400-480 lm/m	50-60 lm/W	Ra90/80
FFWM15A2	24V DC		2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	8 W/m	440-520lm/m	55-65 lm/W	Ra90/80
FFDM16A2	24V DC		2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	12 W/m	330-390 lm/m	55-65 lm/W	Ra90/80
FMEM13E2	24V DC		4040SMD	83.3mm-6LEDs	120 Leds/m	CV	14.4 W/m	R36/G115/B20	/	/
FMEM12E2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	CV	14.4 W/m	R30/G105/B15/W150	/	/
FFDM25F2	24V DC		2835SMD	166.6mm-18LEDs	108 Leds/m	DMX512-6	5.5 W/m	165-220 lm/m	30-40 lm/W	Ra90/80
FMFM12F2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R32/G110/B20	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
10mm[0.39"]		100mm[3.97"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

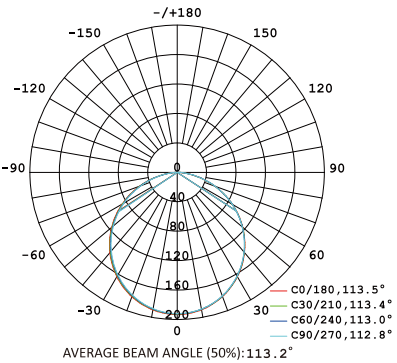
Unit: mm[inch]



Install Optional Accessories

Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



Top View Neon Flex 2020

2835SMD & 4040SMD(RGB/RGBW), 12mm



Feature

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and Easy Installation ways
- Available for single CCT & Single color, TW, RGB etc.



Optical Parameters

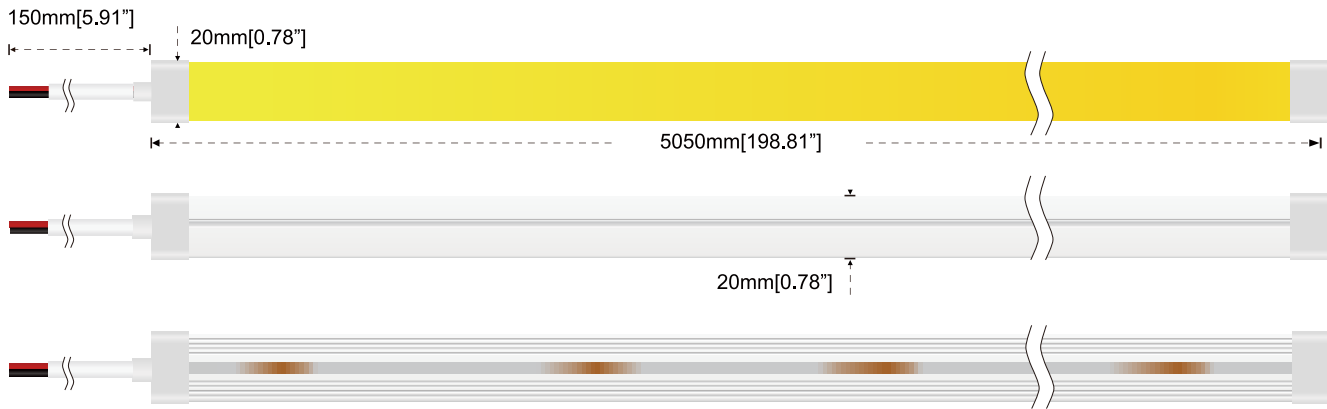
Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM20A2	24V DC		2835SMD	55.6mm-7LEDs	126 Leds/m	CV	15 W/m	600-720 lm/m	55-65 lm/W	Ra90/80
FFDM23A2	24V DC		2835SMD	62.5mm-7+7LEDs	224 Leds/m	CV	18 W/m	450-540 lm/m	55-65 lm/W	Ra90/80
FFWM20A2	24V DC		2835SMD	62.5mm-8LEDs	128 Leds/m	CC/CV	10 W/m	550-650 lm/m	60-70 lm/W	Ra90/80
FFDM23A2	24V DC		2835SMD	83.3mm-8+8LEDs	192 Leds/m	CV	14 W/m	385-455 lm/m	60-70 lm/W	Ra90/80
FMEM19E2	24V DC		4040SMD	83.3mm-6LEDs	120 Leds/m	CV	18 W/m	R38/G120/B22	/	/
FMEM18E2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	CV	14.4 W/m	R35/G110/B18/W160	/	/
FMFM18F2	24V DC		4040SMD	62.5mm-6LEDs	96Leds/m	DMX512-16	19.5 W/m	R32/G110/B20	/	/

Physical Parameters

FPCB width	Dimension (WxH)	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
12mm[0.47"]		100mm[3.97"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67

Dimensions

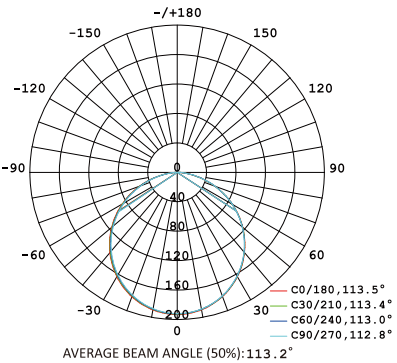
Unit: mm[inch]



Install Optional Accessories

Install Accessories	Length(mm/inch)	Drawing(mm/inch)	Qty.
	30[1.18]		3 pcs/M
	1000[39.4]		1 pcs/M
	customizable		/

Luminous Intensity Distribution Diagram



360° Round Neon Flex



360° Round View Neon Flex

2835SMD,3D



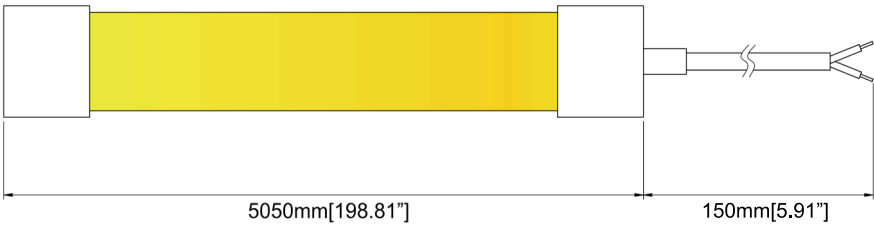
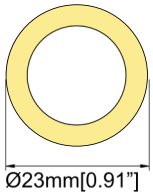
Features

- High transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for Single CCT & Single color



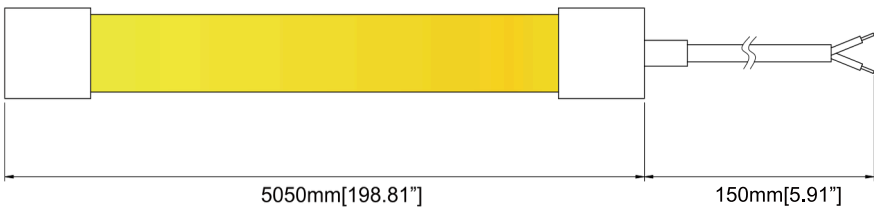
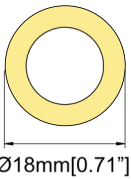
Optical Parameters

Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWN07A2-D23	24V DC		2835SMD	50mm-6LEDs	120 Leds/m	CV	12 W/m	300-420 lm/m	25-35 lm/W	Ra90/80



Optical Parameters

Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWN07A2-D23	24V DC		2835SMD	50mm-6LEDs	120 Leds/m	CV	12 W/m	300-420 lm/m	25-35 lm/W	Ra90/80

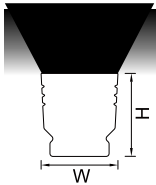
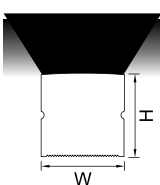
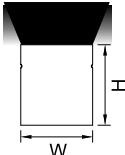


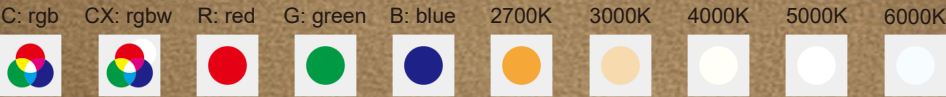
Flexible Wall Washer

- ※ Using optical grade environmental protection silicone material, salt resistance, acid and alkali corrosion resistance, flame retardant, UV resistance.
- ※ The free bending structure design can perfectly fit the outdoor curved surface of various arcs to achieve the effect of wall washing- Integrated extrusion molding process, waterproof grade up to IP67.
- ※ Patented optical structure design, a variety of angles optional: 25°/35°/60°/20°x55°.
- ※ Hidden end cap design, easy to install.



Listing

Model No.	2628	1616	1616
Voltage (V DC)	12V/24V	12V/24V	12V/24V
Bending Diameter	400mm	300mm	300mm
Drawing(mm)	26*28 	16*16 	16*16 
IP Grade	65	67	67
PCB width	19mm	12mm	11mm
White	✓	✓	✓
CCT	✓	×	×
RGB	✓	✓	×
RGBW	✓	×	×
Pixel	✓	×	×



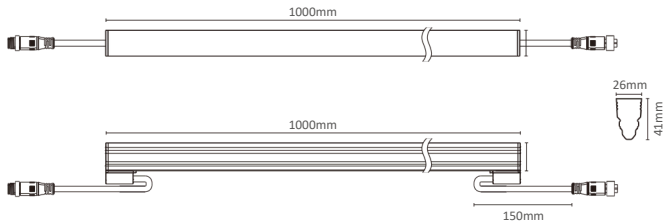
Flexible Wall Washer 2628

3030SMD,26x28mm,BeamAngle25°/35°/60°

NEW



- Premium optical lenses and highly designed silicone sleeves ensure a wide range of effects.
- Reliable structure, good flexibility, free shaping. IP65/IP67 water proof protection, UV resistance, corrosion resistance.
- Max. 4 meters washing distance.



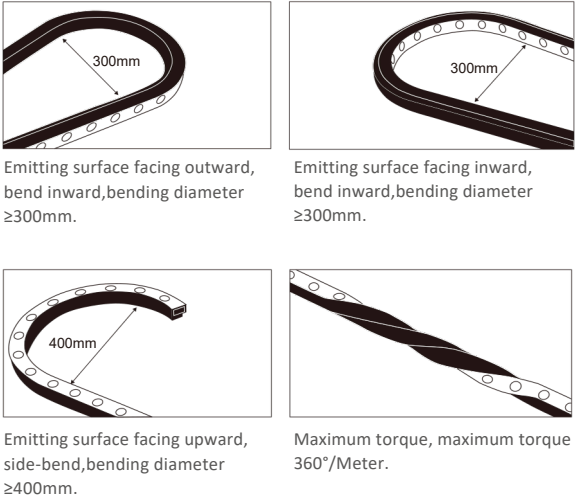
Optical Parameters

Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control/IC	Max. Power	Luminous Flux	Efficacy	CRI
FJWR04A2	24V DC		3030SMD	Customized	24 Leds/m	CV	24W/m	1800 lm/m	75 lm/W	Ra80
FJDR04A2	24V DC		3030SMD	Customized	24 Leds/m	DALI/CV	24W/m	1560-1800 lm/m65-75 lm/W		Ra80
FJWR06F2	24V DC		3030SMD	Customized	24 Leds/m	UCS512H4	24W/m	600-1800 lm/m	25-75 lm/W	Ra80
FJER05F2	24V DC		3030SMD	Customized	24 Leds/m	UCS512H4	24W/m	600-1800 lm/m	25-75 lm/W	/
FDFR06F2	24V DC		3535SMD	Customized	24 Leds/m	UCS512H4	24W/m	672-1920 lm/m	28-80 lm/W	Ra80

Install Optional Accessories

Name	Picture	Length	Drawing
Aluminum buckle		30mm	
Aluminum profile		1000mm	
Aluminum chain		Customizable	
Silicone Male and Female Waterproof Terminal Wire		250mm	
Silicone Male and Female Waterproof T- Terminal Wire		280mm	

Bending Way



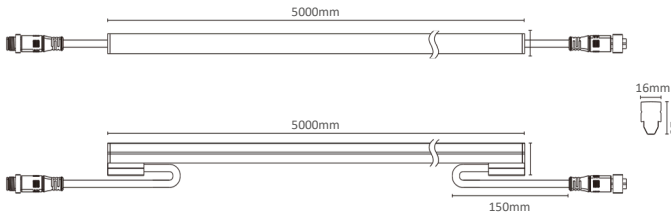
Flexible Wall Washer 1616

2835SMD,16x16mm,BeamAngle30°/30°x45°

NEW



- Premium optical lenses and highly designed silicone sleeves ensure a wide range of effects.
- Reliable structure, good flexibility, free shaping. IP65/IP67 water proof protection, UV resistance, corrosion resistance.
- Max. 3 meters washing distance.



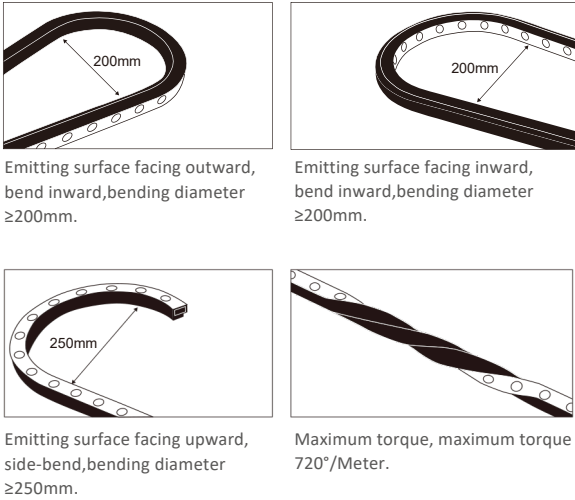
Optical Parameters

Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control/IC	Max. Power	Luminous Flux	Efficacy	CRI
FFWR01A2	24V DC		2835SMD	Customized	48 Leds/m	CV	15W/m	1200 lm/m	80 lm/W	Ra80
FJER01E2	24V DC		3030SMD	Customized	48 Leds/m	UCS512C1L	15W/m	300-900 lm/m	20-60 lm/W	/

Install Optional Accessories

Name	Picture	Length	Drawing
Aluminum buckle		30mm	
Aluminum profile		1000mm	
Aluminum chain		Customizable	
Silicone Male and Female Waterproof Terminal Wire		250mm	
Silicone Male and Female Waterproof T- Terminal Wire		280mm	

Bending Way



Wall Washer Neon Flex FFWR01A2

2835SMD, 12mm, Beam Angle 30°



Features

- High Transmittance, one-piece extrusion molding, good flexibility
- ERP standard spectroscopic, single BIN supply, good color consistency
- Multiple and easy Installation ways
- Available for CCT & Single color

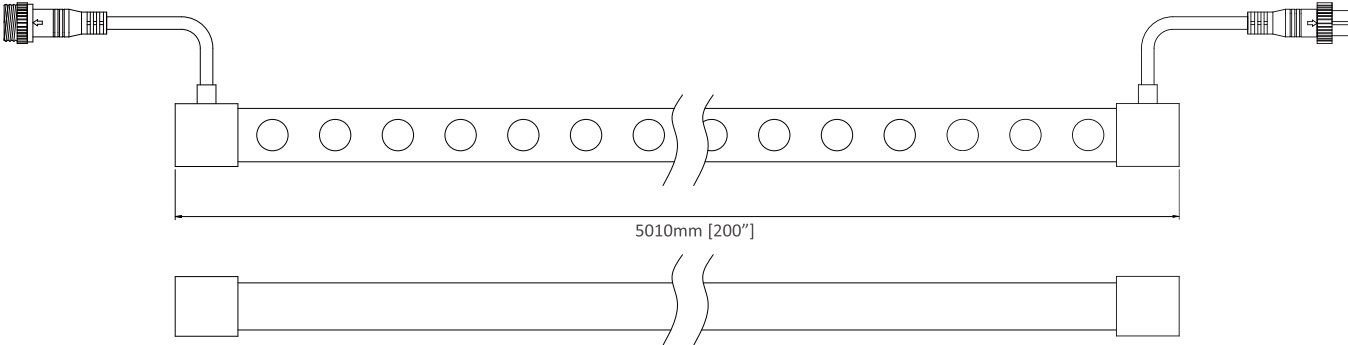


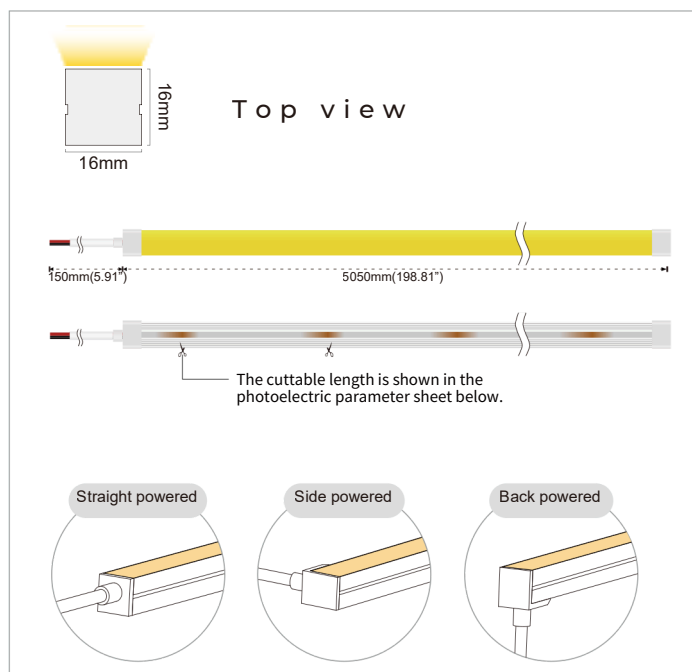
Optical Parameters

Model	Voltage	Color	LED/Type	Cutting Unit	LED Qty	Control	Max. Power	Luminous Flux	Efficacy	CRI
FFWM01A2	24V DC	2700K 3000K 4000K 5000K 5500K 6500K Red Green Blue Yellow	2835SMD	40mm-2LEDs	48 Leds/m	CV	16 W/m	1200-1500 lm/m	75-93 lm/W	Ra90/80

Physical Parameters

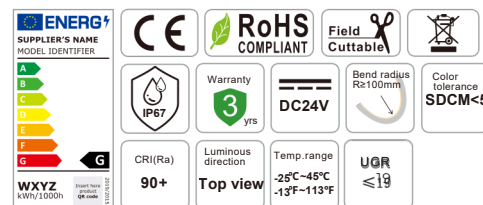
FPB Size	Dimension (WxH)	Beam Angle	Bending Diameter	Working Temp.	Stored Temp.	IP Rating
40*11mm [1.57"*0.43"]	16mm[0.62"] 16mm[0.62"]	30°	100mm[3.95"]	-25°C~+45°C[-13°F~+113°F]	-25°C~+60°C[-13°F~+140°F]	IP67





Product features

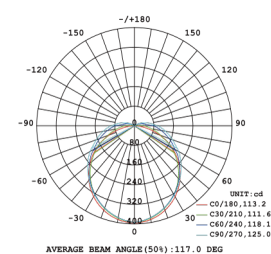
- High transmittance, one-piece extrusion molding , good flexibility.
- ERP standard spectroscopic, single BIN supply, good color consistency.
- Mutple and easy installation ways.
- Available for Single CCT & Single color, TW, RGB etc.



Optical parameter

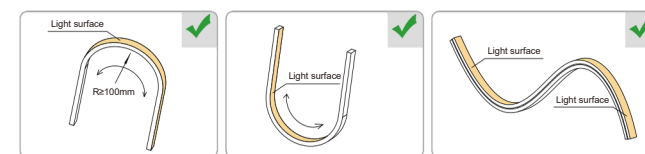
Item	CCT	Lumen (1m)	Power (1m)	Light Efficiency	CRI (Ra)	Cutting Unit	Voltage	LED/Type	LEDs/Pitch	LED Qty (1m)	Control	Beam Angle
FFWM14A2		/	12W	/	90+	55.5mm	24VDC	SMD2835	7LEDs	126LEDs	CV	120°
FFDM17A2		/	12W	/	90+	62.5mm	24VDC	SMD2835	7+7LEDs	224LEDs	CV	120°
FFWM15A2		/	8W	/	90+	62.5mm	24VDC	SMD2835	8LEDs	128LEDs	CC/CV	120°
FFDM16A2		/	12W	/	90+	83.3mm	24VDC	SMD2835	8+8LEDs	192LEDs	CV	120°
FMEM13E2		/	14.4W	/	/	83.3mm	24VDC	SMD4040	6LEDs	120LEDs	CV	120°
FMEM12E2		/	14.4W	/	/	62.5mm	24VDC	SMD4040	6LEDs	96LEDs	CV	120°
FFDM25F2		/	5.5W	/	90+	166.7mm	24VDC	SMD2835	18LEDs	108LEDs	DMX 512-6	120°
FMFM12F2		/	19.5W	/	/	62.5mm	24VDC	SMD4040	6LEDs	96LEDs	DMX 512-16	120°

Luminous intensity distribution diagram

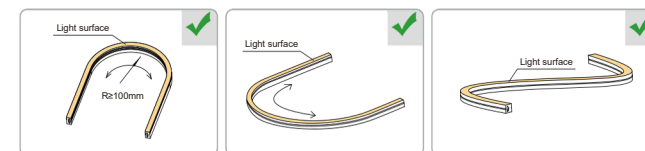


 Attention

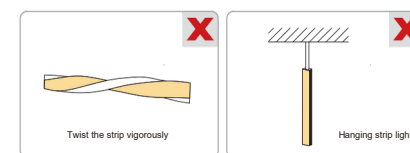
Correct Bending Way — TOP VIEW



Correct Bending Way — SIDE VIEW

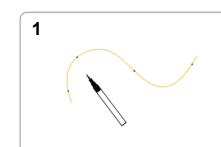


Incorrect Bending Way

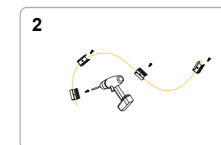


Installation guidance

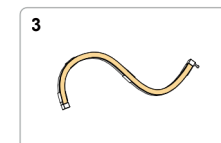
Aluminum Buckle Installation



Before installation, use a pen to locate the area to be installed (minimum bending radius $\geq 100\text{mm}$).



Install the buckle on the anchor point.



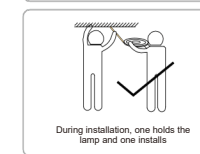
Install the strip light by pressing, and handle the cable, connect the power supply can make it light.

* The aluminum profile installation method is mainly used for linear installation, similar to the buckle installation, which will not be repeated here.

Install optional accessories

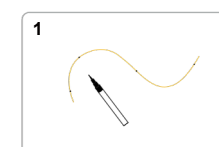
Accessory name	Dimensions	Qty.	Picture
Aluminum buckle		3 PCS/m	
Aluminum profile		1 PCS/m	
3D channel		Customizable	

Installation

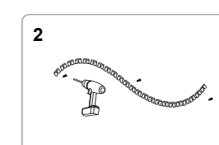


During installation, one holds the

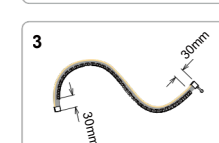
Snake channel Installation



Before installation, use a pen to locate the area to be installed (minimum bending radius $\geq 100\text{mm}$).



Install the buckle on the anchor point.



Install the strip light by pressing, and handle the cable, connect the power supply can make it light. (Note: During installation, 30mm distance should be reserved at the head and tail to match the plug.)