

RHEA SIDE

- » Cross section of 11x20mm
- » Full PU encapsulation, Waterproof IP68
- » Lighting Efficiency: up to 80lm/W
- » Perfect softness, gentle emitting, No dazzling
- » DMX RGB/RGBW
- » SPI RGB/RGBW
- » ETL, CE, RoHS, EMC, FCC, IP68 Certificate
- » Working Environment: -25°C-65°C
- » Warranty: 3-5 years



Waterproof
IP68



UV
Protected



Saltwater
Resistant



Solvent
Resistant



IK08
Protection

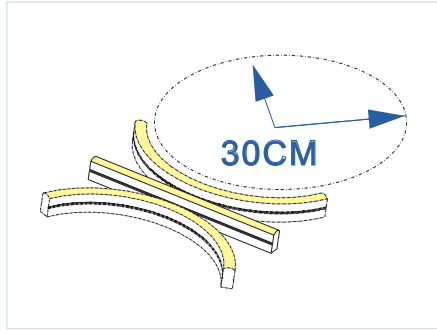
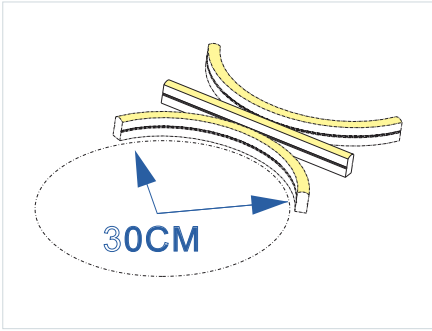
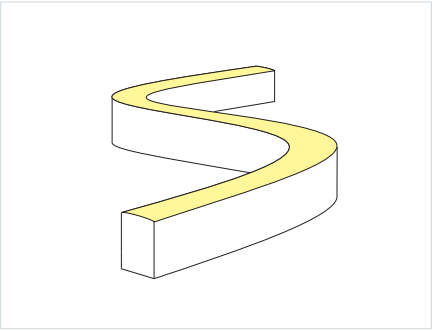
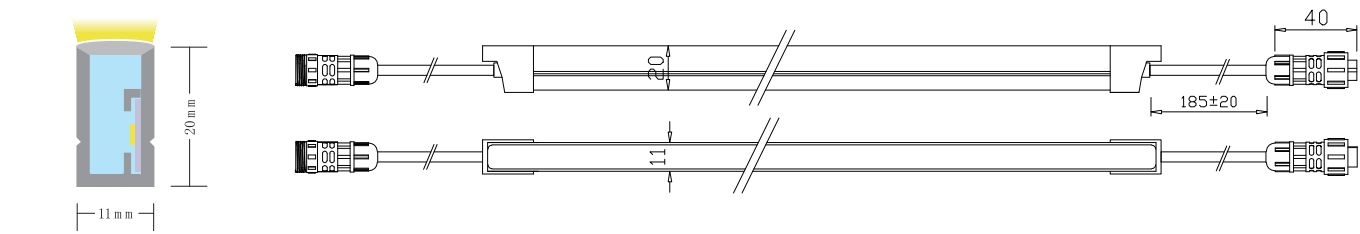


3 steps
LED

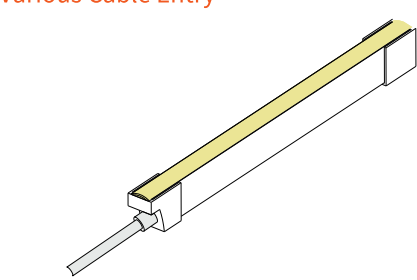


LM-80
Compliant

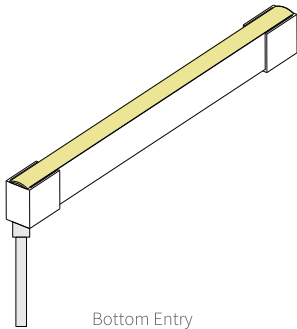
Dimension



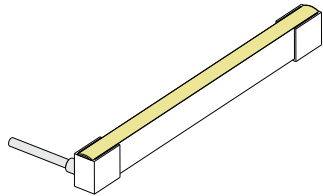
Various Cable Entry



Front Entry



Bottom Entry

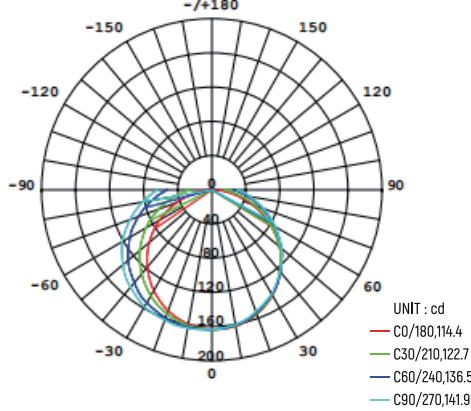
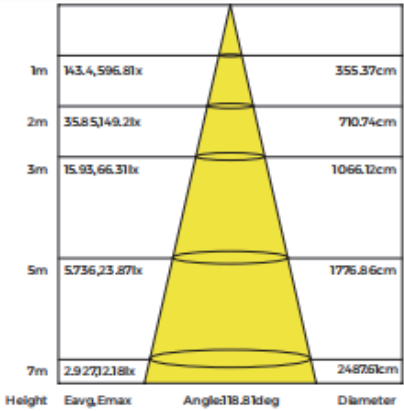


Side Entry

Seamless Connection

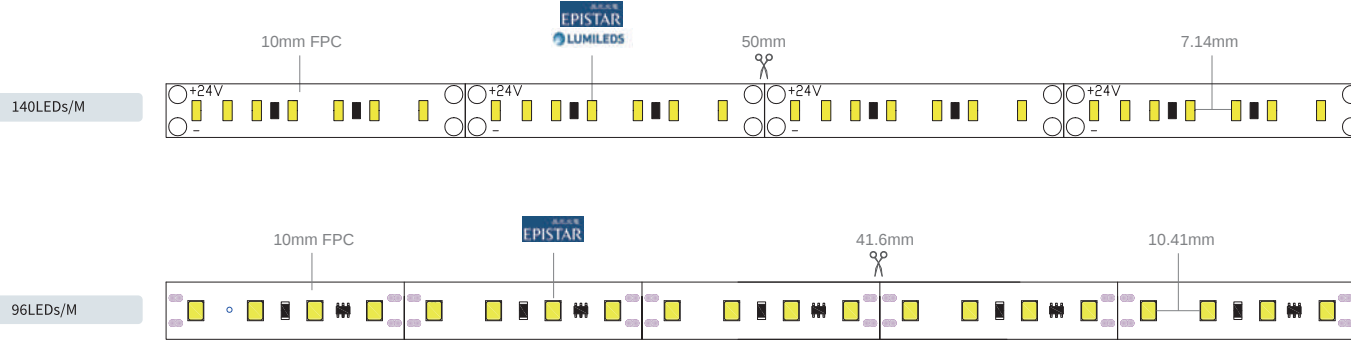
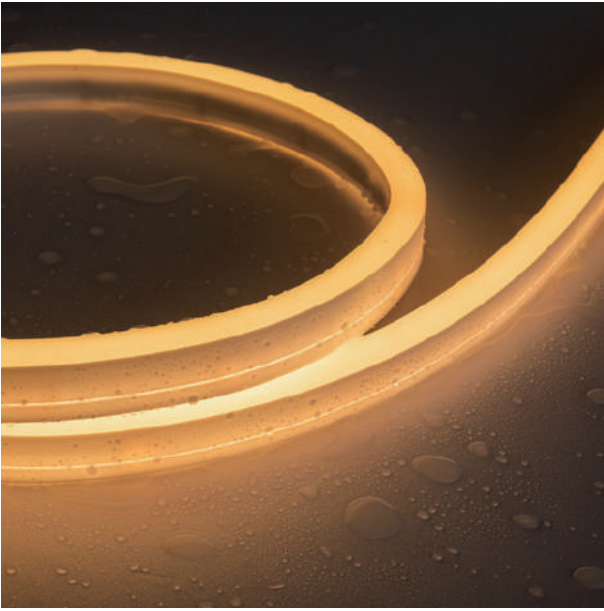


Light Distribution



RHEA SIDE
SINGLE COLOR

- High efficiency, up to 80Lm/W
- Color consistency, One bin, 3 SDCM
- Input voltage 12VDC/24VDC optional
- CV for Constant Voltage, CC for Constant Current



Electrical Data

Electrical solution	LED Type	LEDs/Mtr	Voltage	Max Current	Max run (Single end)	Cutting unit	IP Rating
Constant Voltage	SMD3014	140	DC 24V	0.416A/M	10m	50mm/ 7LEDs	IP68
Constant Voltage	SMD3014	144	DC 12V	0.833A/M	10m	41.6mm/ 6LEDs	IP68
Constant Current	SMD3014	120	DC 24V	0.416A/M	10m	50mm/ 6LEDs	IP68
Constant Current	SMD2835	96	DC 24V	0.291A/M	25m	41.6mm/ 4LEDs	IP68

Spectrum Data

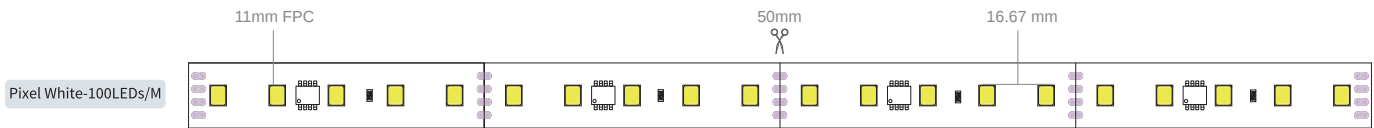
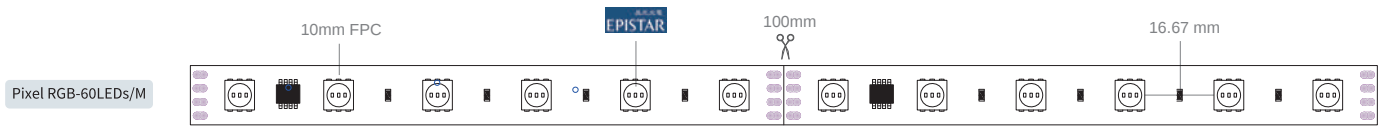
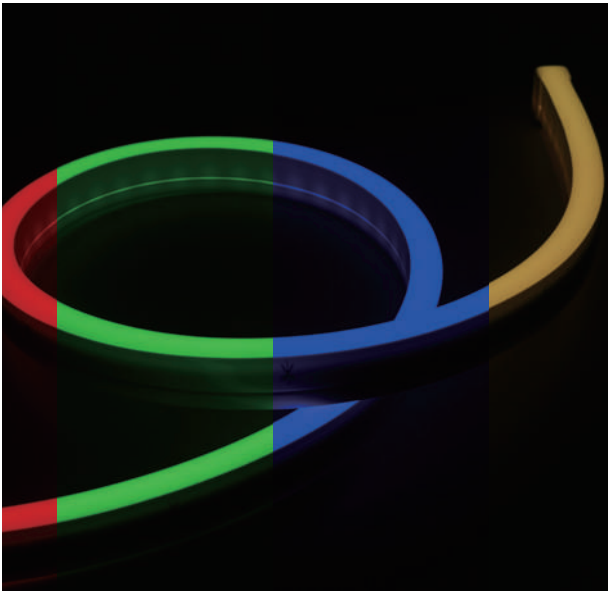
Item No.	LED Code No.	CC/CV	Wattage	Lumen Efficiency	Lumen	Beam Angle	Color	CRI
RLLSNFJ27C		CV	10W/M	68lm/W	680lm/M	120°	2700K	80+/90+
RLLSNFJ30C		CV	10W/M	70lm/W	700lm/M	120°	3000K	80+/90+
RLLSNFJ40C	2J-3014 140Leds/m (DC24V)	CV	10W/M	72lm/W	720lm/M	120°	4000K	80+/90+
RLLSNFJ60C	2K-3014 144Leds/m (DC12V)	CV	10W/M	77lm/W	770lm/M	120°	6000K	80+/90+
RLLSNFJ04C		CV	10W/M	-	213lm/W	120°	8	-
RLLSNFJ06C	B for DC12V	CV	10W/M	-	321lm/W	120°	6	-
RLLSNFJ05C	C for DC24V	CV	10W/M	-	152lm/W	120°	5	-
RLLSNFJ07C		CV	10W/M	-	410lm/W	120°	7	-
RLLSNFJ09C		CV	10W/M	-	240lm/W	120°	9	-
RLLSNFJ27C		CC	10W/M	601lm/W	600lm/M	120°	2700K	80+
RLLSNFJ30C		CC	10W/M	621lm/W	620lm/M	120°	3000K	80+
RLLSNFJ40C	2I-3014 120Leds/m (DC24V)	CC	10W/M	651lm/W	650lm/M	120°	4000K	80+
RLLSNFJ60C		CC	10W/M	681lm/W	680lm/M	120°	6000K	80+
NEW RLLSNFH27C		CC	7W/M	45.7lm/W	320lm/M	120°	2700K	80+
NEW RLLSNFH30C		CC	7W/M	47.1lm/W	330lm/M	120°	3000K	80+
NEW RLLSNFH40C	1H-2835 96Leds/m	CC	7W/M	48.5lm/W	340lm/M	120°	4000K	80+
NEW RLLSNFH60C		CC	7W/M	501lm/W	350lm/M	120°	6000K	80+

RHEA SIDE

PIXEL RGB/RGBW/WHITE



- ▶ RGB/RGBW/White chasing magic color changing
- ▶ SPI and DMX IC soluiton optional
- ▶ Epistar SMD5050 RGB 3 in 1 LED, SMD5050 RGBW 4 in 1 LED
- ▶ Epistar SMD2835 for White chasing design



Electrical Data

Electrical solution	LED Type	LEDs/Mtr	Voltage	Max Current	Max run (Single end)	Cutting unit	IP Rating	Color
Constant Voltage	SMD2835	98	DC 24V	0.916A/M	3m	71.4mm/ 7LEDs	IP68	
Constant Voltage	SMD5050	70	DC 24V	0.541A/M	5m	100mm/ 7LEDs	IP68	
Constant Voltage	SMD5050	60	DC 24V	0.541A/M	5m	100mm/ 7LEDs	IP68	
Constant Voltage	SMD5050	70	DC 24V	0.583A/M	5m	100mm/ 7LEDs	IP68	
Constant Voltage	SMD5050	60	DC 24V	0.586A/M	5m	100mm/ 7LEDs	IP68	
Constant Voltage	SMD2835	100	DC 24V	0.541A/M	5m	50mm/ 5LEDs	IP68	

Spectrum Data

Item No.		Wattage	IC Type	Lumen	Beam Angle	Color	CRI
RLLSNFW02C (Pixel RGB-5 wires)	1W-2835 98Leds/m	22W/M	DMX TM512A3	536lm/M	120°		-
RLLSNFF02C (Pixel RGB-3 wires)		13W/M	SPI 2811	350lm/M	120°		-
RLLSNFE02C (Pixel RGB-4 wires)		13W/M	DMX UCS512B3	320lm/M	120°		-
RLLSNFF03C (Pixel RGBW-3 wires)	4E-5050 70Leds/m	18W/M	SPI 2904	620lm/M	120°		-
RLLSNFE03C (Pixel RGBW-4 wires)	4E-5050 60Leds/m	18W/M	DMX UCS512B4L	600lm/M	120°		-
NEW RLLSNFW30C (White Chasing-4 wires)	1W-2835 100Leds/m	13W/M	DMX UCS512B3	590lm/M	120°		80+

ACCESSORIES

RHEA SIDE

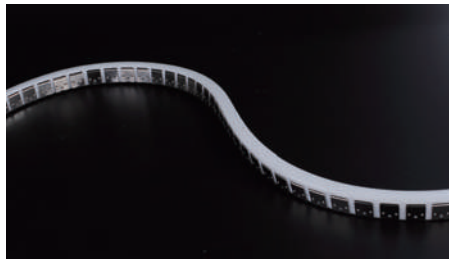
Mounting Profile



Aluminum Profile
Item No : JA0048
Dimension(LxWxH) : 1000 X 14.2 X 26.5mm
Material : Aluminum



Self-Locking Profile
Item No.: JK0067
Dimension(LxWxH): 16x13.2x18mm
Material: SUS304



Stainless Flexible Profile
Item No : JK0022
Dimension(LxWxH) : 970 X 20.2 X 10.8mm
Material : SUS304\SUS316

Mounting Clips



Stainless Clips
Item No: JK0016
Dimersion(LxWxH): 12.7X10X8.8mm
Material: SUS304\SUS316



Aluminum Clips
Item No.: JA0048
Dimension(LxWxH): 30X14.2X26.5mm
50X14.2X26.5mm
Material: Aluminum 6063

Cutting Tool



End Cap
Item No.: JD0012
Dimension(LxWxH): 23X14X12mm
Material: Silicone



Scissors
Item No.: GJ0051



Glue
Item No.: JS0012
Dimension: 45g/pcs

ACCESSORIES

RHEA SIDE

Waterproof Connector

Image	Item No.	Pin /Way	Connector
	C-PL02-A	2 Pin	IP65 Waterproof M/F Connector -M10 20cm Cable White Waterproof M/F connectors
	C-PL03-D	3 Pin	
	C-PL04-M	4 Pin	
	DX0369	2 Way	IP65 Waterproof Splitter M10-05 2Pin Splitter
	DX0368	3 Way	
	DX0367	4 Way	
	DX0370	5 Way	
	DX0422	2 Pin	IP67 Waterproof Jumper -M15 20cm Cable White Waterproof M/F connectors
	DX0423	3 Pin	
	DX0424	4 Pin	
	DX0425	5 Pin	
	C-PL02-W	2 Pin	IP67 Waterproof M/F Connector -M12 20cm Cable Black Waterproof M/F connectors
	C-PL03-C	3 Pin	
	C-PL04-L	4 Pin	
	C-PL05-C	5 Pin	
	C-PL02-P	2 Pin	IP67 Waterproof M/F Connector -M15 20cm Cable White Waterproof UL M/F connectors
	C-PL03-A	3 Pin	
	C-PL04-G	4 Pin	
	C-PL05-A	5 Pin	
	C-PL02-Q	2 Pin	IP67 Waterproof JST Connector 20cm Cable JST connectors
	C-PL03-B	3 Pin	
	C-PL04-H	4 Pin	
	C-PL06-A	6 Pin	
	DX0286	2 Pin	IP68 Waterproof Connector
	DX0403	3 Pin	
	DX0290	4 Pin	
	DX0329	5 Pin	
	DX0392	2 Pin	IP68 T Shape Connector
	DX0420	3 Pin	
	DX0421	4 Pin	
	DX0390	5 Pin	

Controller

Item No	Name	Dimension	Input	Current load	Image
CK0030	Dimmable LED Controller	175 X 44 X 30mm	12-24VDC	20A Max	
CK0031	CCT Adjustable LED Controller	175 X 44 X 30mm	12-24VDC	20A Max	
CK0032	RGB LED Controller	175 X 44 X 30mm	12-24VDC	18A Max	
CK0034	RGB Pixel LED Controller	130 X 70 X 25mm	12-24VDC	<2.2A	

Power Supply

Item No	Dimension	IP Rating	Input	Output	Image
CY0023	215 X 115 X 30mm	IP20	90-132VAC/180~264VAC by Switch	24V/14.6A,350W	
CY0042	228 X 68 X 38.8mm	IP67	90-305VAC	24V,0-6.3A,150W	

