

RHEA MTOP

- » Cross section of 12x10mm
- » Full PU encapsulation
- » Waterproof IP68
- » Lighting Efficiency: up to 80lm/W
- » Perfect softness, gentle emitting, No dazzling
- » 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

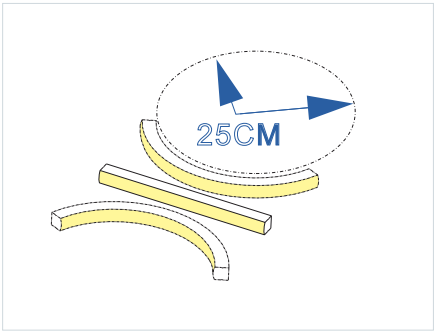
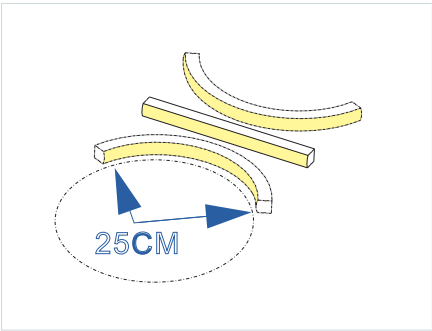
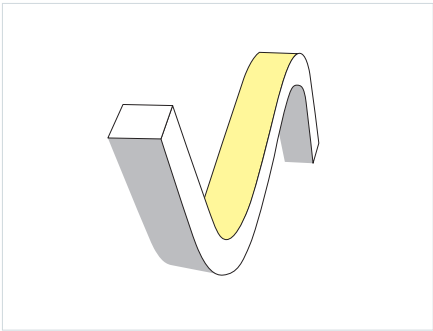
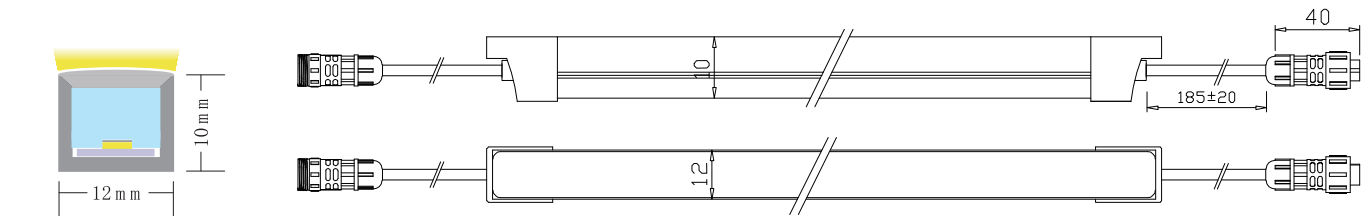


3 steps
LED

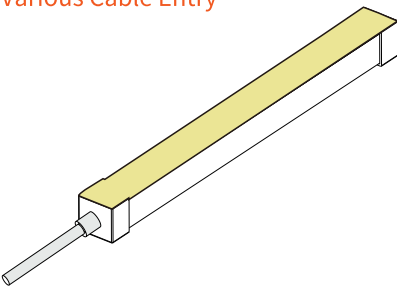


LM-80
Compliant

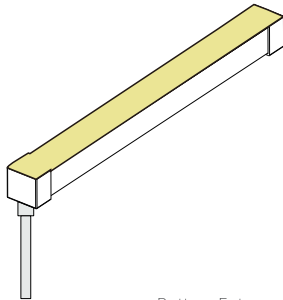
Dimension



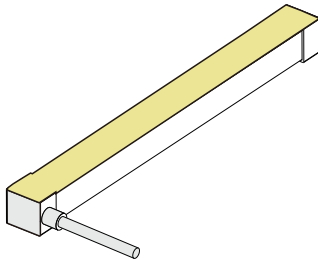
Various Cable Entry



Front Entry



Bottom Entry

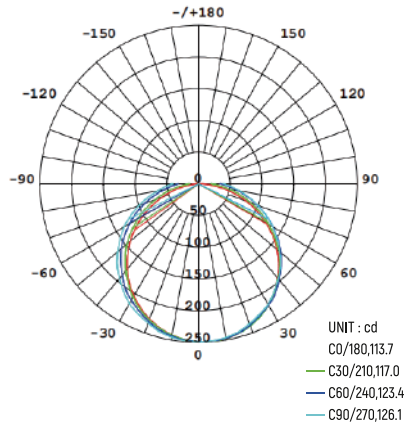
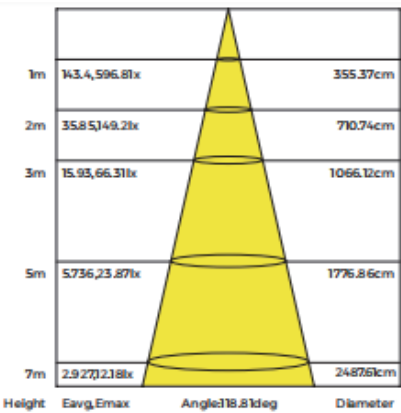


Side Entry

Seamless Connection

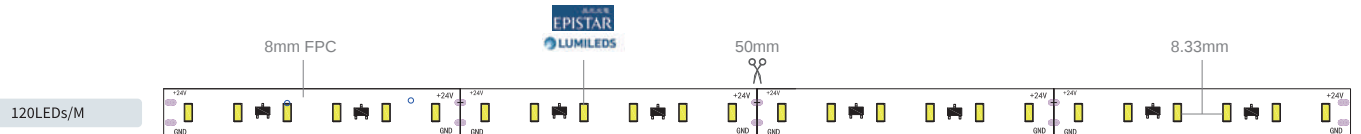
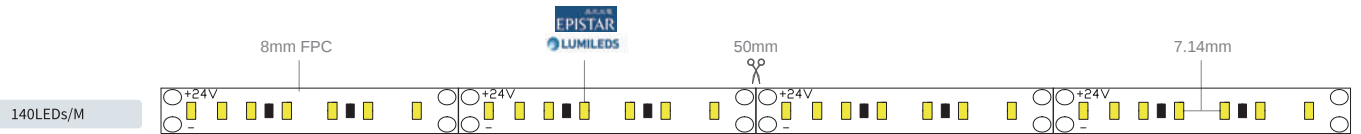


Light Distribution



RHEA MTOP
SINGLE COLOR

- ▶ High efficiency, up to 105lm/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	7.5m	50mm/ 7LEDs	IP68
Constant Voltage	SMD3014	144	DC 12V	0.833A/M	5m	20.8mm/ 3LEDs	IP68
Constant Current	SMD3014	120	DC 24V	0.416A/M	7.5m	50mm/ 6LEDs	IP68

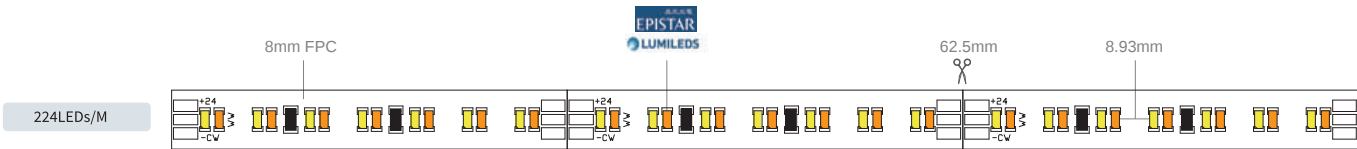
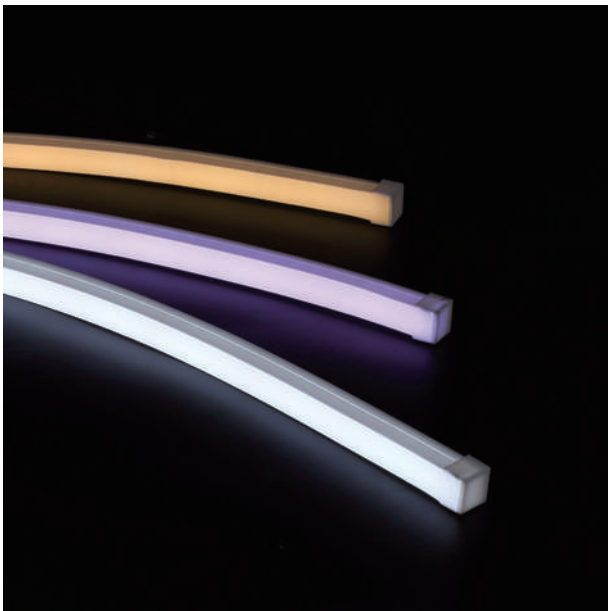
Spectrum Data

Item No.	LED Code No.	CC/CV	Wattage	Lumen Efficiency	Lumen	Beam Angle	Color	CRI
RLMTNFJ27C		CV	10W/M	92lm/W	920lm/M	120°	2700 K	80+ / 90+
RLMTNFJ30C		CV	10W/M	100lm/W	1000lm/M	120°	3000 K	80+ / 90+
RLMTNFJ40C		CV	10W/M	105lm/W	1050lm/M	120°	4000 K	80+ / 90+
RLMTNFJ60C	2J-3014 140Leds/m (DC24V)	CV	10W/M	105lm/W	1050lm/M	120°	6000 K	80+ / 90+
RLMTNFJ04C	2K-3014 144Leds/m (DC12V)	CV	10W/M	-	260lm/M	120°	R	-
RLMTNFJ06C	B for DC12V	CV	10W/M	-	360lm/M	120°	G	-
RLMTNFJ05C	C for DC24V	CV	10W/M	-	193lm/M	120°	B	-
RLMTNFJ07C		CV	10W/M	-	600lm/M	120°	Y	-
RLMTNFJ09C		CV	10W/M	-	280lm/M	120°	3000 K	-
RLMTNFJ27C		CC	10W/M	85lm/W	850lm/M	120°	2700 K	80+
RLMTNFJ30C		CC	10W/M	93lm/W	930lm/M	120°	3000 K	80+
RLMTNFJ40C	2I-3014 120Leds/m (DC24V)	CC	10W/M	96lm/W	960lm/M	120°	4000 K	80+
RLMTNFJ60C		CC	10W/M	98lm/W	980lm/M	120°	6000 K	80+

RHEA MTOP

TUNNABLE WHITE

- ▶ Tunnable white from 1800K to 6500K
- ▶ Color consistency, One bin, 3 SDCM
- ▶ White+Red/Green/Blue/Yellow(Amber)/Orange optional
- ▶ Constant voltage design (CV)



Electrical Data

Electrical solution	LED Type	LEDs/Mtr	Voltage	Max Current	Max run (Single end)	Cutting unit	IP Rating
Constant Voltage	SMD3014	224	24V DC	0.333A/M	7.5m	62.5mm/ 14LEDs	IP68

Spectrum Data

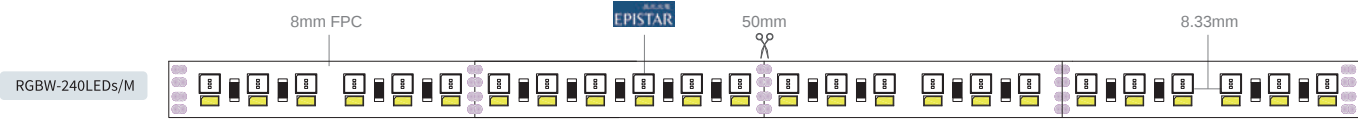
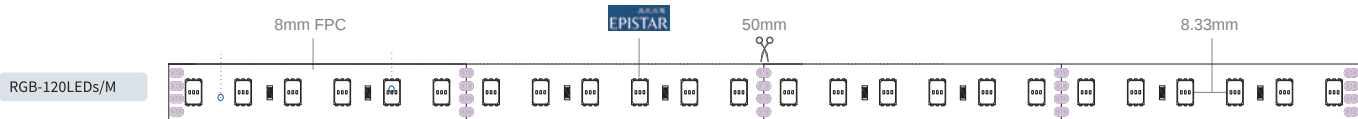
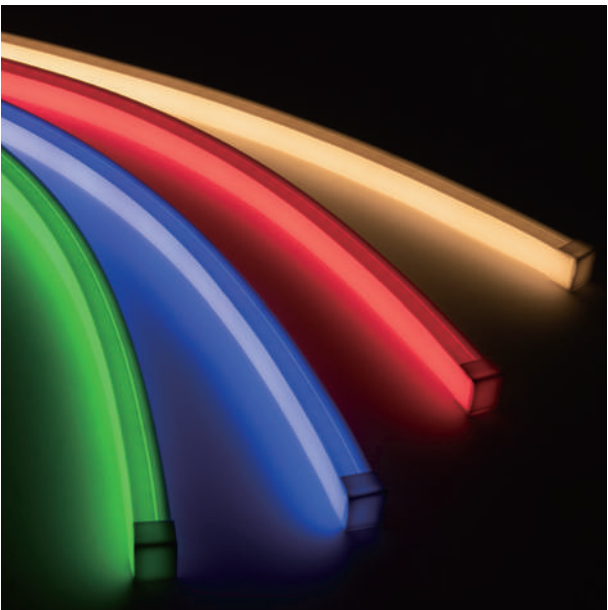
Item No.	Wattage	Lumen efficiency	Lumen	Beam Angle	Color	CRI
RLMTNFIUOC	2x8W/M	80lm/W	800lm/M	120°		80+ / 90+

*White+Red/Green/Blue/Yellow (Amber) /Orange optional

RHEA MTOP

RGB/RGBW

- ▶ RGB & RGBW available
- ▶ SMD2835 for RGB, SMD2835+SMD3014 for RGBW
- ▶ Compliant with DMX RGB/ DMX RGBW control system
- ▶ Full color, addressable in segment per luminaire



Electrical Data

Electrical solution	LED Type	LEDs/Mtr	Voltage	Max Current	Max run (Single end)	Cutting unit	IP Rating	Color
Constant Voltage	SMD2835	120	24V DC	0.416A/M	5M	50mm/6LEDs	IP68	
Constant Voltage	SMD2835+SMD3014	240	24V DC	0.50A/M	5M	50mm/12LEDs	IP68	

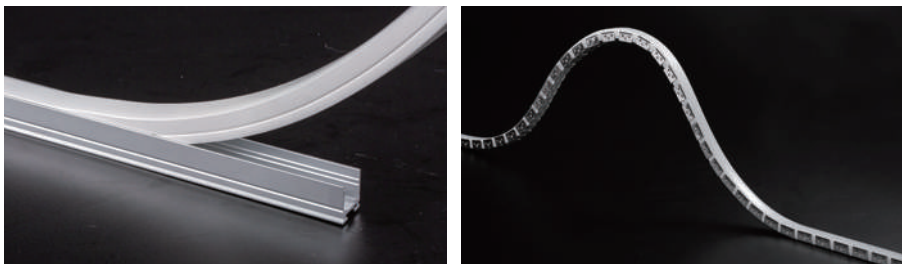
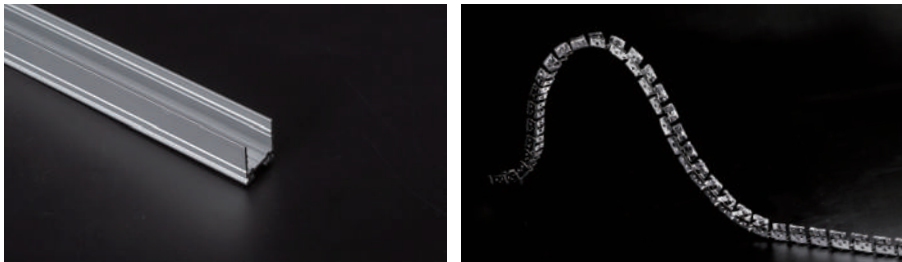
Spectrum Data

Item No.	Wattage	Lumen efficiency	Lumen	Beam Angle	Color	CRI
RLMTNFI03C	10W/M	-	400lm/M	120°		-
RLMTNFM01C	12W/M	-	560lm/M	120°		-

ACCESSORIES

RHEA MTOP

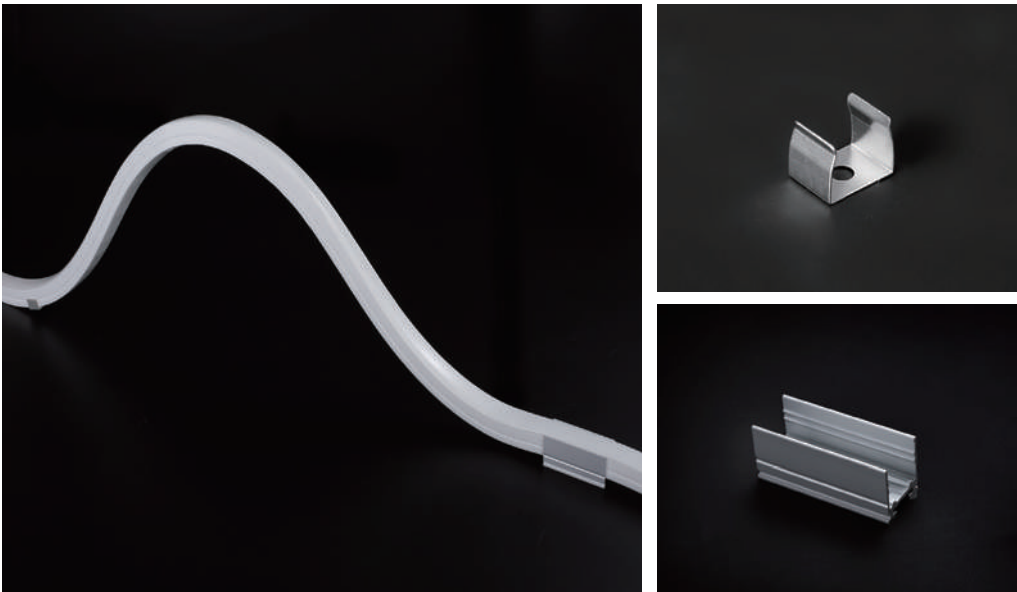
Mounting Profile



Aluminum Profile
Item No.: JA0125
Dimension(LxWxH): 1000 x 15 x 13mm
Material: Aluminum 6063

Stainless Flexible Profile
Item No.: JK0062
Dimension(LxWxH): 970 x13x9mm
Material: SUS304\SUS316

Mounting Clips



Stainless Clips
Item No.: JK0026
Dimension(LxWxH): 10 x 12.8 x 13mm
Material: SUS304\SUS316

Aluminum Clips
Item No.: JA0125
Dimension(LxWxH): 30 x 15 x 13mm
50 x 15 x 13mm
Material: Aluminum 6063

Cutting Tool



End Cap
Item No.: JD0028
Dimension(LxWxH): 10X13.6X13mm
Material: Silicone

Scissors
Item No.: GJ0051

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

ACCESSORIES

RHEA MTOP

Waterproof Connector

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

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	