

# RHEA TRIO PLUS

- » Cross section of 13.5mmx11mm
- » 320° 3-side emitting
- » Full PU encapsulation, Waterproof IP68
- » Lighting Efficiency: up to 100lm/W
- » Perfect softness, gentle emitting, No dazzling
- » Germany patent
- » 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

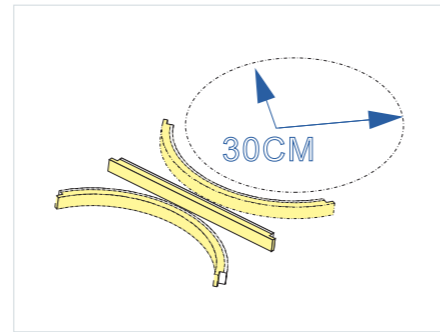
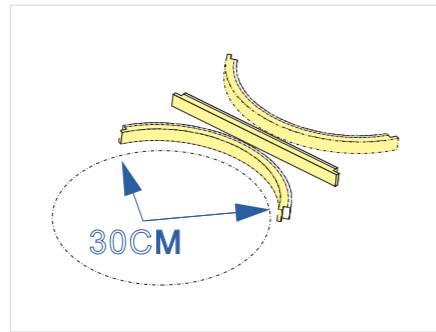
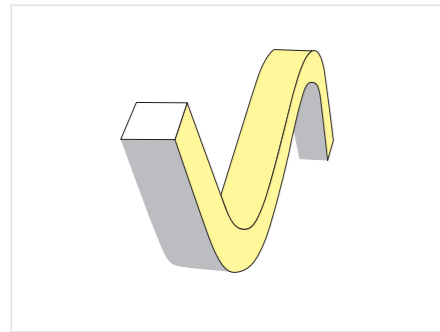
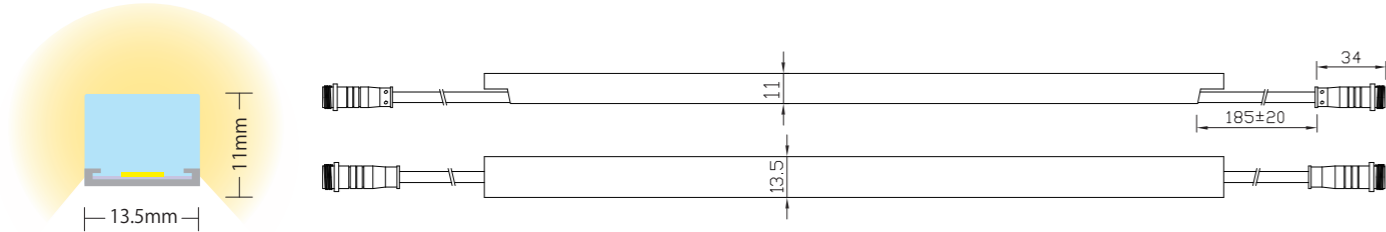


3 steps  
LED

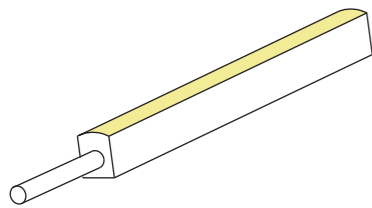


LM-80  
Compliant

## Dimension

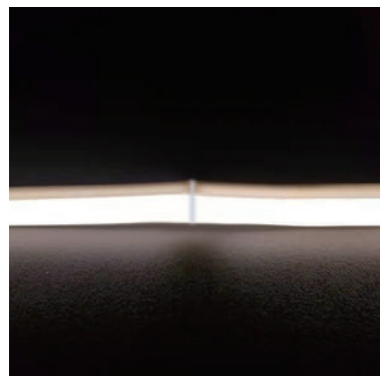


## Various Cable Entry



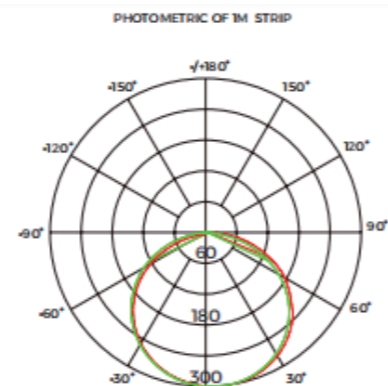
Front Entry

## Seamless Connection



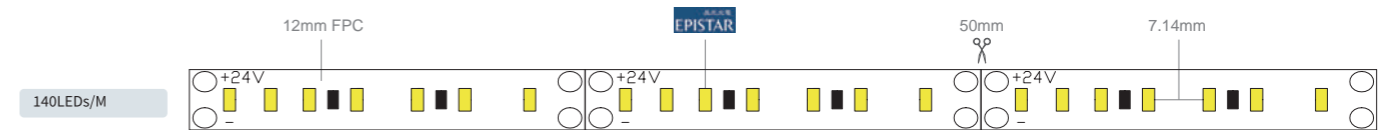
## Light Distribution

Height	Eavg, Emax	Angle 18.81deg	Diameter
1m	143.4, 596.8lx		355.37cm
2m	35.85, 149.2lx		710.74cm
3m	15.93, 66.31lx		1066.12cm
5m	5.736, 23.87lx		1776.86cm
7m	2.927, 12.18lx		2487.61cm



# RHEA TRIO PLUS SINGLE COLOR

- ▶ High efficiency, up to 100lm/W
- ▶ Color consistency, One bin, 3 SDCM
- ▶ Input voltage 12VDC/24VDC optional
- ▶ CV for Constant Voltage



## Electrical Data

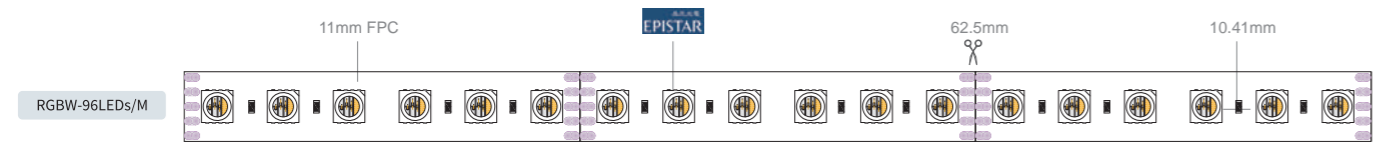
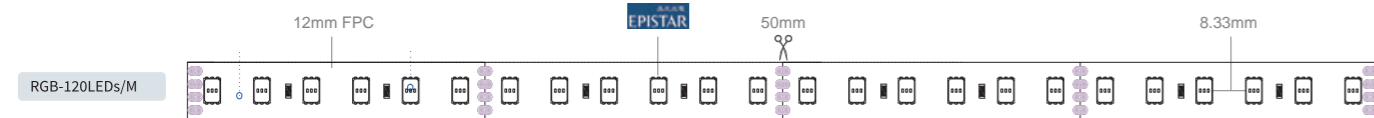
Electrical solution	LED Type	LEDs/Mtr	Voltage	Max Current	Max run (Single end)	Cutting unit	IP Rating
Constant Voltage	SMD2835	140	DC 24V	0.416A/M	10m	50mm/ 7LEDs	IP68

## Spectrum Data

Item No.	CC/CV	Wattage	Lumen Efficiency	Lumen	Beam Angle	Color	CRI
RLLTRPNFJ27C	CV	12W/M	83.33lm/W	1000lm/M	320°	2700K	80+/90+
RLLTRPNFJ30C	CV	12W/M	87.51lm/W	1050lm/M	320°	3000K	80+/90+
RLLTRPNFJ40C	CV	12W/M	91.67lm/W	1100lm/M	320°	4000K	80+/90+
RLLTRPNFJ60C	CV	12W/M	102.51lm/W	1230lm/M	320°	6000K	80+/90+
RLLTRPNFJ04C	CV	10W/M	/	280lm/M	320°	Red	-
RLLTRPNFJ05C	CV	10W/M	/	895lm/M	320°	Green	-
RLLTRPNFJ06C	CV	10W/M	/	270lm/M	320°	Blue	-



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



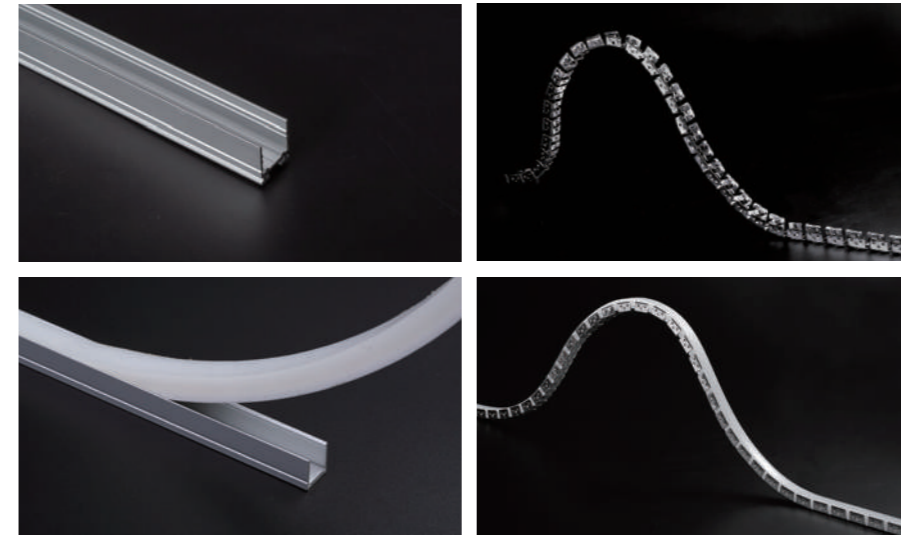
### Electrical Data

Electrical solution	LED Type	LEDs/Mtr	Voltage	Max Current	Max run (Single end)	Cutting unit	IP Rating	Color
Constant Voltage	SMD2835	120	DC 24V	0.50A/M	5m	50mm/ 6LEDs	IP68	
Constant Voltage	SMD5050	96	DC 24V	0.625A/M	5m	62.5mm/ 6LEDs	IP68	

### Spectrum Data

Item No.	Wattage	Lumen efficiency	Lumen	Beam Angle	Color	CRI
RLLTRPNF03C	12W/M	-	400lm/M	320°		-
RLLTRPNFH01C	12W/M	-	730lm/M	320°		-

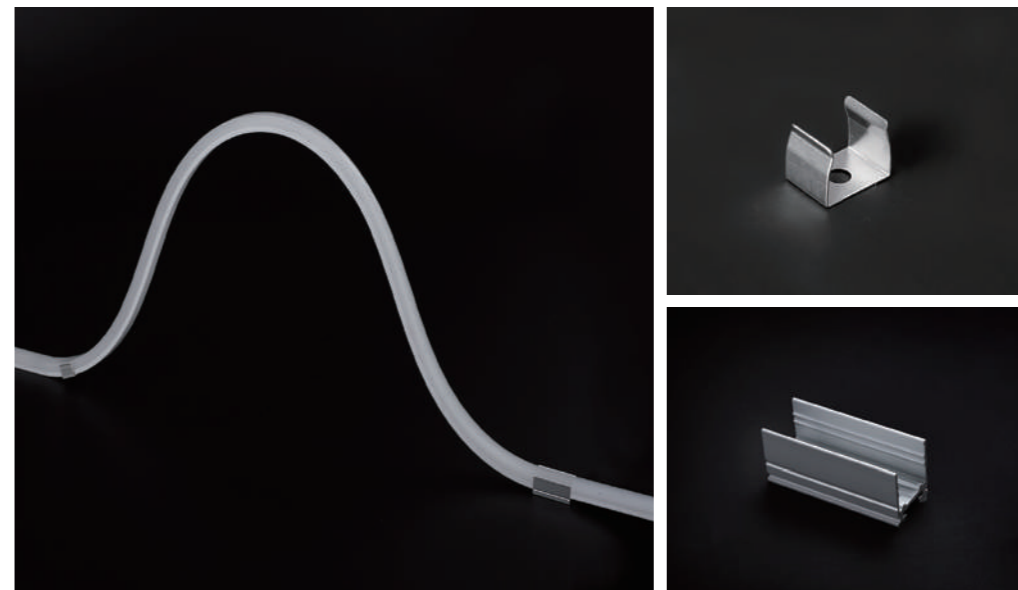
### Mounting Profile



Aluminum Profile  
Item No : JA0118  
Dimension(LxWxH): 1000X15.6X13mm  
Material : Aluminum

Stainless Flexible Profile  
Item No : JK0045  
Dimension(LxWxH) : 1000X13.3X7.1mm  
Material : SUS304,SUS316

### Mounting Clips



Stainless Clips  
Item No : JK0015  
Dimension(LxWxH) : 15 X 17 X 8.8mm  
Material : SUS304,SUS316

Aluminum Clips  
Item No.: JA0118  
Dimension(LxWxH): 30X15.6X13mm  
50X15.6X13mm  
Material: Aluminum 6063

### Cutting Tool



End Cap  
Item No.: JD0031  
Dimension(LxWxH): 12x14x15mm  
Material: Silicone








Scissors  
Item No.: GJ0051

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



# ACCESSORIES

RHEA TRIO PLUS


## Waterproof Connector

Image	Item No.	Pin /Way	Connector
	C-PL02-A C-PL03-D C-PL04-M	2 Pin 3 Pin 4 Pin	<b>IP65 Waterproof M/F Connector -M10</b> 20cm Cable White Waterproof M/F connectors
	DX0369 DX0368 DX0367 DX0370	2 Way 3 Way 4 Way 5 Way	<b>IP65 Waterproof Splitter M10-05</b> 2Pin Splitter
	DX0422 DX0423 DX0424 DX0425	2 Pin 3 Pin 4 Pin 5 Pin	<b>IP67 Waterproof Jumper -M15</b> 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	<b>IP67 Waterproof M/F Connector -M12</b> 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	<b>IP67 Waterproof M/F Connector -M15</b> 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	<b>IP67 Waterproof JST Connector</b> 20cm Cable JST connectors
	DX0286 DX0403 DX0290 DX0329	2 Pin 3 Pin 4 Pin 5 Pin	<b>IP68 Waterproof Connector</b>
	DX0392 DX0420 DX0421 DX0390	2 Pin 3 Pin 4 Pin 5 Pin	<b>IP68 T Shape Connector</b>

## 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	
CK0033	RGB LED Controller	175 X 44 X 30mm	12-24VDC	20A Max	

## 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	