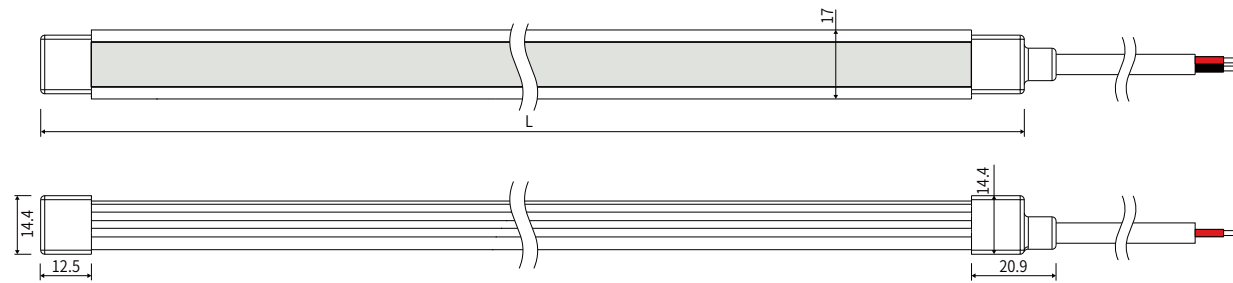


RLLNFSB1212E

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process. Unique optical light distribution structure design, uniform lighting surface and no shadow. IP65 protection level, salt solution resistance, acids & alkalis and UV resistance. Excellent toughness, simple and stylish appearance, delicate and unique. 3 years warranty, working life \geq 30000 hours.

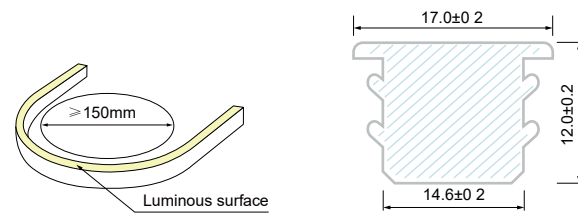


Dimension



Technical Data

Voltage	DC24V
LED PIN Temperature	Max. 65 C
Storage Temperature	-25 C ~ 60 C
Ambient Temperature	Min.-25°C, Max (Table below)
CRI	\geq 90



Min bending diameter

Unit: mm
Cross section

Power(w/m)	Efficacy(lm/w)@4000K	Max Ambient Temperature
10 w/m	57.1lm/w	45 C

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage 24v DC	UV Protection	Consistency One Bin
Length 5M	Waterproof Grade IP 65	Warranty 3 Years

Single color PARAMETER

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	\geq 90	DC24V	10	514	51.4	50	13CC	CC/CV
3000K±150	\geq 90	DC24V	10	536	53.6	50	13CC	CC/CV
4000K±300	\geq 90	DC24V	10	571	57.1	50	13CC	CC/CV
6500K±500	\geq 90	DC24V	10	585	58.5	50	13CC	CC/CV
Red	--	DC24V	10	247	24.7	50	13CC	CC/CV
Green	--	DC24V	10	603	60.3	50	13CC	CC/CV
Blue	--	DC24V	10	137	13.7	50	13CC	CC/CV
Yellow	--	DC24V	10	179	17.9	50	13CC	CC/CV
Orange	--	DC24V	10	251	25.1	50	13CC	CC/CV
Pink	--	DC24V	10	473	47.3	50	13CC	CC/CV

CCT Tunable PARAMETER

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	\geq 90	DC24V	5	270	53.9	62.5	5	CV
6500K±500	\geq 90	DC24V	5	302	60.4	62.5	5	CV
2700K+6500K	\geq 90	DC24V	10	570	57.0	62.5	5	CV

RGB PARAMETER

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	55	16.7	50	5	CV
G	--	DC24V	3.3	172	52.1	50	5	CV
B	--	DC24V	3.3	33	9.9	50	5	CV
RGB	--	DC24V	10	265	26.5	50	5	CV

SPI PARAMETER

CCT(K)	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	Unit Length (mm)	Max. Run Length (M)
DC24V	4.8	R	62	13.0	10	SPI	WS2811	100	5
	4.8	G	188	39.2					
	4.8	B	34	7.1					
	12.5	RGB	277	22.2					

Accessories



PVC Cable
2PIN, 3PIN, 4PIN
Color: Black



Silicone closed end cap
Dimension: 13x14.5x14.5mm
Color: Semi-Transparent



Scissor
Material: stainless steel