

# Specification

**Model** : RN0860TA / RN08C0TA

**Description:**

RN0860TA: 5000\*8, 300pcs, 2835 SMD LEDs, bare board series,  
constant voltage 12Vdc, LED flex strip

RN08C0TA: 5000\*8, 600pcs, 2835 SMD LEDs, bare board series,  
constant voltage 12Vdc, LED flex strip

**Prepared by** : \_\_\_\_\_

**Checked by** : \_\_\_\_\_

**Standard Dept** : \_\_\_\_\_

**Approved by** : \_\_\_\_\_

**Issued Status** :  Draft  Published

# Specification

**Product Name:** LED Flex strip

## Applications

**Model:** RN0860TA  
RN08C0TA

/ Suit to Indoor use, such as in KTV, shopping mall, cabinet etc. as cover and contour lighting.



## Features

1. 2835 SMD LEDs bring high luminous efficacy;
2. Can be cut at the printed marks;
3. CE, RoHS compliant.

## Installation

Easy installation with self-adhesive back.

## Warranty

3 years or 13,000 hours, whichever comes first.

## Optical and Electrical Parameters:

P/N	LED Color	Color Temperature (K) Wavelength(nm)	Color Tolerance Adjustment SDCM	Beam Angle (°)	Luminous Flux (lm/m)	CRI	Luminous Efficacy (lm/W)	Working Voltage (V DC)	Working Current (mA)		Power (W)	
									1m [39.3 7in]	5m [196.8 5in]	1m [39.3 7in]	5m [196.8 5in]
RN0860 TA-B	Neutral white	6000	—	115	530	Ra>75	96.3	12	458	1500	5.5	18
RN0860 TA-B	Red	620-625	—	115	65	—	11.8	12	458	1750	5.5	21
RN0860 TA-B	Green	525-530	—	115	267	—	48.5	12	458	1500	5.5	18
RN0860 TA-B	Blue	465-470	—	115	74	—	13.5	12	458	1500	5.5	18
RN0860 TA-B	Yellow	585-590	—	115	39	—	7.1	12	458	1750	5.5	21
RN08C0 TA-B	Neutral white	6000	—	115	818.4	Ra>75	95.1	12	717	2667	8.6	32
RN08C0 TA-B	Red	620-625	—	115	97	—	11.3	12	717	2917	8.6	35

RN08C0 TA-B	Green	525-530	—	115	419	—	48.7	12	717	2667	8.6	32
RN08C0 TA-B	Blue	465-470	—	115	122	—	14.2	12	717	2667	8.6	32
RN08C0 TA-B	Yellow	585-590	—	115	56	—	6.5	12	717	2917	8.6	35

**Others:**

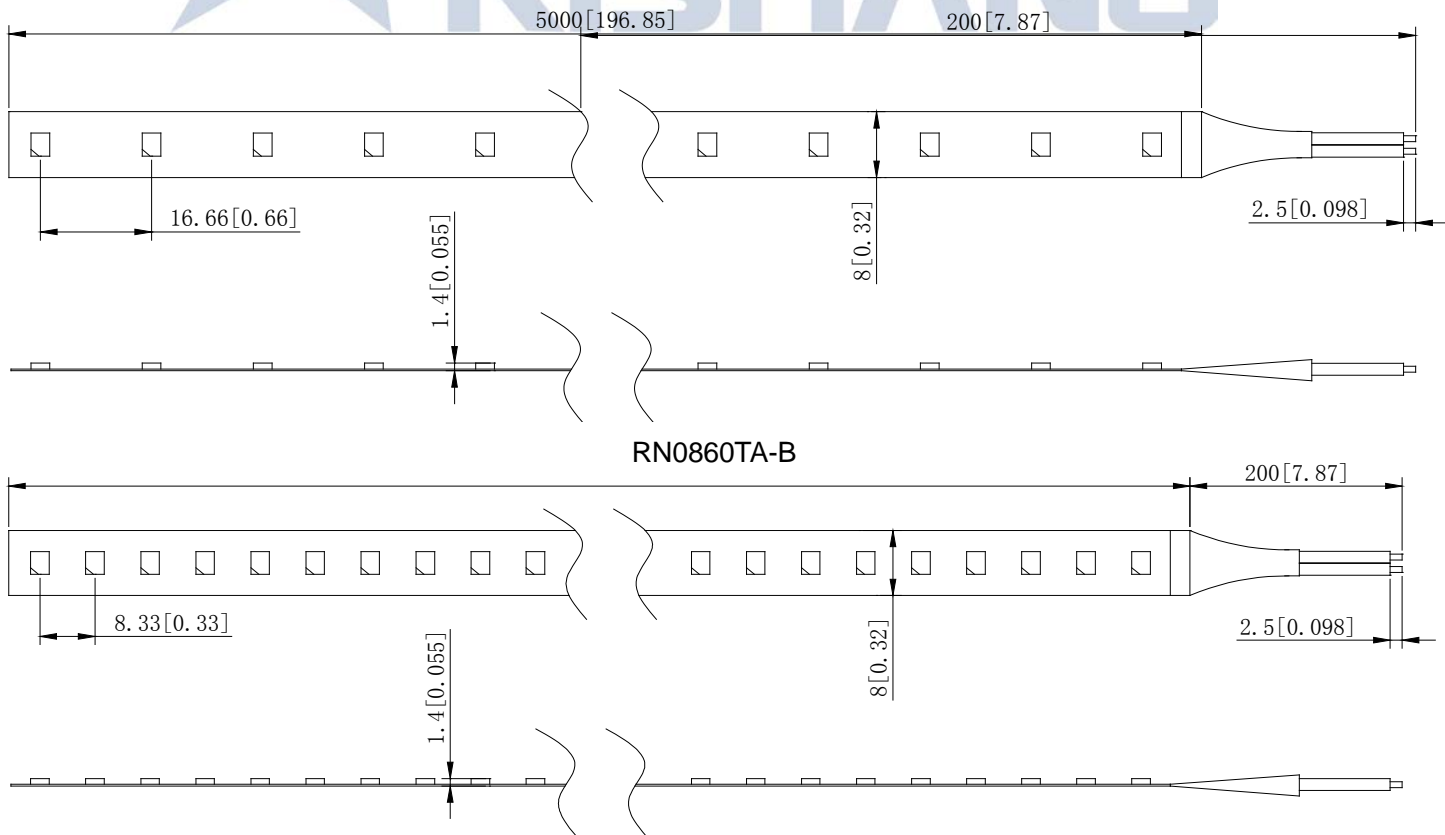
P/N	LED Color	Standard Length		Max. cascading Length		LED Qty (pcs/ m)	Operating Temperature		Storage Temperature		IP Grade
		(m)	(in)	(m)	(in)		(°C)	(°F)	(°C)	(°F)	
RN0860TA-B	White, R, G, B, Y	5	196.85	5	196.85	60	-25~+60	-13~+140	-25~+70	-13~+158	IP20
RN08C0TA-B	White, R, G, B, Y	5	196.85	5	196.85	120	-25~+60	-13~+140	-25~+70	-13~+158	IP20

**Notes:**

- ① Testing environment temperature: 25±2°C [77±3.6°F];
- ② The actual data of each single product may differ from above typical data which are subject to change without prior notice.
- ③ Bending radius ≥ 5cm, not suitable for channel letter application;
- ④ Above “—” represents that SDCM parameters do not need to be filled in.

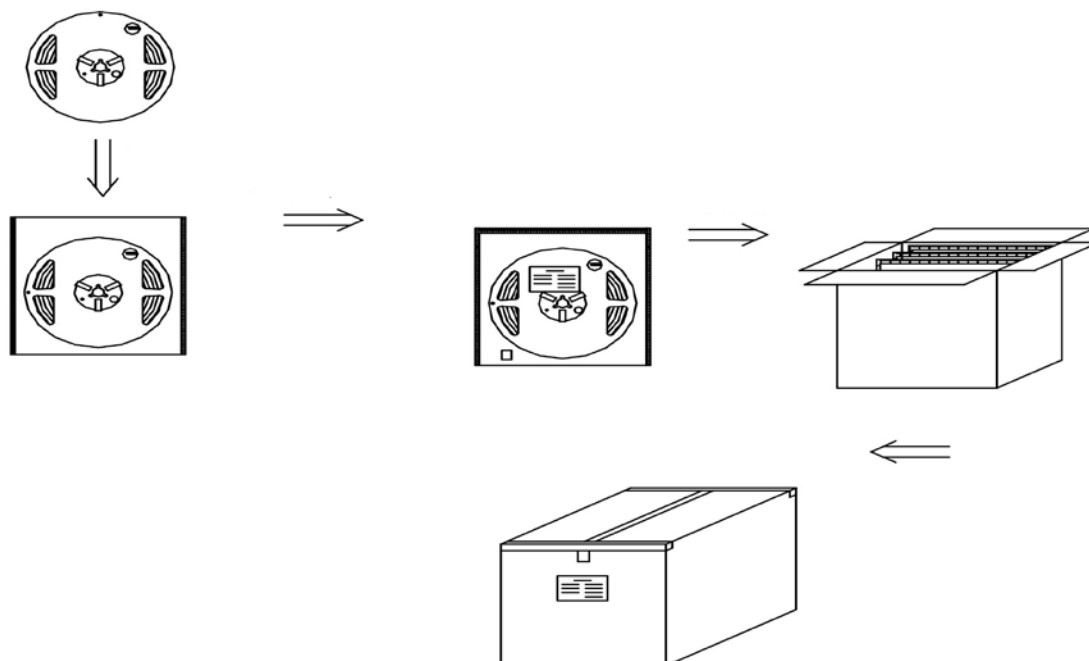
**Profile Drawings:**

Unit: mm [in]



## RN08C0TA-B

## Packaging Diagrams:



## Packaging Information:

## RN0860TA-B

1. Outer carton: 39.0\*25.0\*22.6cm =0.022 (1±10%) CBM [15.35\*9.84\*8.89in];
2. 5m [196.854in] strip per antistatic bag,  
40 antistatic bags per outer carton, that makes 200m [7874in] strips in total;
3. Net Weight (N.W) : 1.88(1±10%) kg [4.14 (1±10%) lb];
4. Gross Weight (G.W) : 3.88 (1±10%) kg [8.55 (1±10%) lb];
5. The actual packed quantity and weight may subject to change without prior notice.

## RN08C0TA-B

1. Outer carton: 39.0\*25.0\*22.6cm =0.022 (1±10%) CBM [15.35\*9.84\*8.89in];
2. 5m [196.854in] strip per antistatic bag,  
40 antistatic bags per outer carton, that makes 200m [7874in] strips in total;
3. Net Weight (N.W) : 2.32 (1±10%) kg [5.11 (1±10%) lb];
4. Gross Weight (G.W) : 4.32 (1±10%) kg [9.52 (1±10%) lb];
5. The actual packed quantity and weight may subject to change without prior notice.