

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

**Others:**

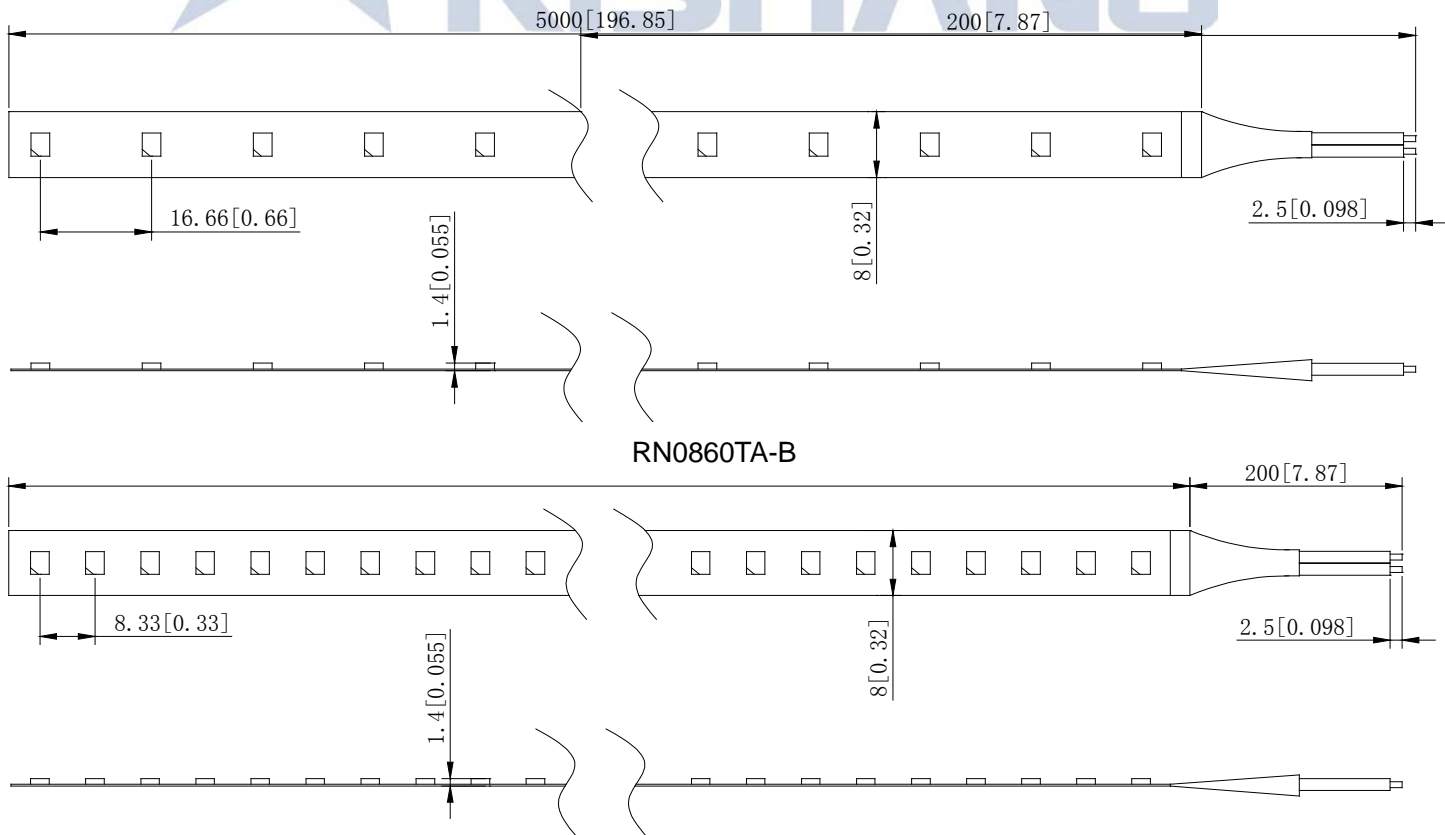
| P/N        | LED Color         | Standard Length |        | Max. cascading Length |        | LED Qty (pcs/ m) | Operating Temperature |          | Storage Temperature |          | IP Grade |
|------------|-------------------|-----------------|--------|-----------------------|--------|------------------|-----------------------|----------|---------------------|----------|----------|
|            |                   | (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.

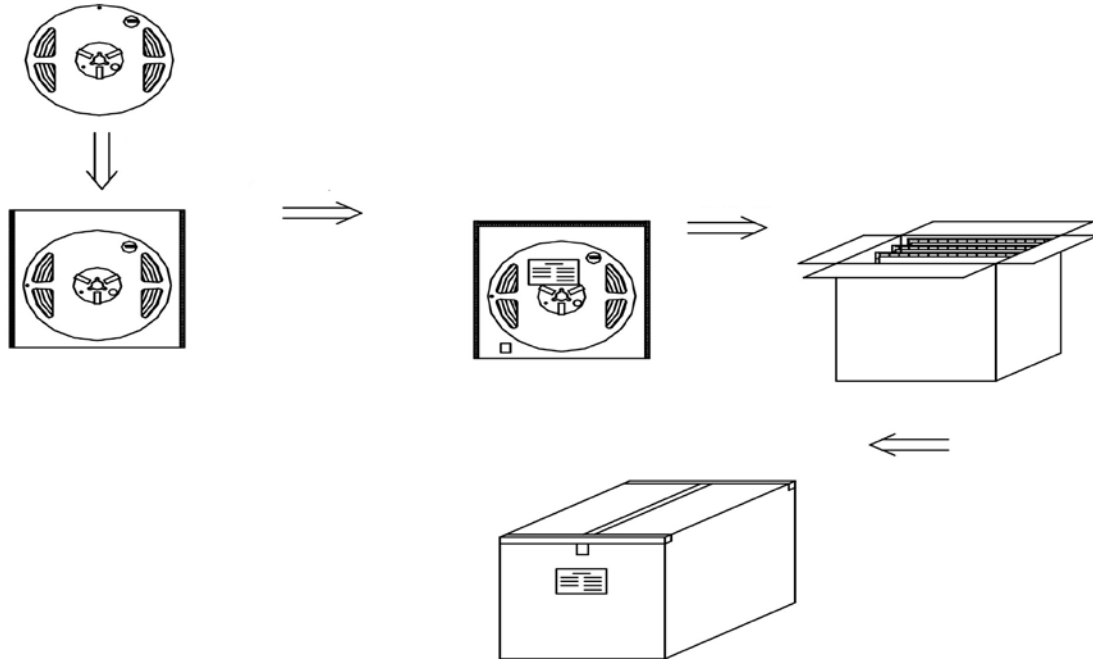
**Profile Drawings:**

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.