

Specification

Model : R0860TA/R6860TA

Description: R0860TA: 5000*8, 300pcs 2835 SMD LED, bare board series, 12Vdc, constant voltage, LED flex strip
R6860TA: 5000*8, 300pcs 2835 SMD LED, fill with silica gel series, 12Vdc, constant voltage, LED flex strip

Prepared by : _____

Checked by : _____

Standard Dept : _____

Approved by : _____

Issued Status: Draft Published

Specification

Product Name: LED Flex Strip

Model: R0860TA/R6860TA

R0860TA



R6860TA



Applications

Indoor use only, such as in KTV, shopping mall, cabinet etc. for cove and contour lighting.

Features

1. High luminous efficacy with 2835 SMD LED mounted;
2. Can be cut at the printed marks;
3. UL、CE、UL94V-0、RoHS compliant.

Installation

1. Easy installation with double-sided adhesive tape.
2. Multiple installation and fixing options available with the minimum bending diameter as 5cm [1.96in].

Warranty

3 years or 13000 hours, whichever comes first.

Optical and Electrical Parameters:

| P/N | LED Color | Color Temperature (K) Wavelength (nm) | Beam Angle (°) | Luminous Flux (lm/m) | CRI | Luminous Efficacy (lm/W) | Working Voltage (V DC) | Working Current (mA) | | Power (W) | |
|-----------|---------------|--|----------------|----------------------|-----|--------------------------|------------------------|----------------------|---------------|--------------|---------------|
| | | | | | | | | 1m [39.37in] | 5m [196.85in] | 1m [39.37in] | 5m [196.85in] |
| R0860TA-B | Neutral white | 6000 | 115 | 410 | ≥75 | 76 | 12 | 450 | 2000 | 5.4 | 24 |
| R0860TA-B | Cold white | 9000 | 115 | 410 | ≥75 | 76 | 12 | 450 | 2000 | 5.4 | 24 |
| R0860TA-C | Neutral white | 6000 | 115 | 420 | ≥75 | 70 | 12 | 500 | 2083 | 6 | 25 |
| R0860TA-C | Red | 620-625 | 115 | 163 | — | 27 | 12 | 500 | 2333 | 6 | 28 |
| R0860TA-C | Green | 525-530 | 115 | 254 | — | 42 | 12 | 500 | 2083 | 6 | 25 |
| R0860TA-C | Blue | 465-470 | 115 | 78 | — | 13 | 12 | 500 | 2083 | 6 | 25 |
| R0860TA-C | Yellow | 585-590 | 115 | 136 | — | 23 | 12 | 500 | 2333 | 6 | 28 |
| R6860TA-B | Neutral white | 6000 | 115 | 340 | ≥75 | 63 | 12 | 450 | 2000 | 5.4 | 24 |
| R6860TA-B | Cold white | 9000 | 115 | 340 | ≥75 | 63 | 12 | 450 | 2000 | 5.4 | 24 |
| R6860TA-C | Neutral white | 6000 | 115 | 320 | ≥75 | 53 | 12 | 500 | 2083 | 6 | 25 |
| R6860TA-C | Red | 620-625 | 115 | 160 | — | 27 | 12 | 500 | 2333 | 6 | 28 |
| R6860TA-C | Green | 525-530 | 115 | 240 | — | 40 | 12 | 500 | 2083 | 6 | 25 |
| R6860TA-C | Blue | 465-470 | 115 | 75 | — | 12 | 12 | 500 | 2083 | 6 | 25 |
| R6860TA-C | Yellow | 585-590 | 115 | 138 | — | 23 | 12 | 500 | 2333 | 6 | 28 |

Others:

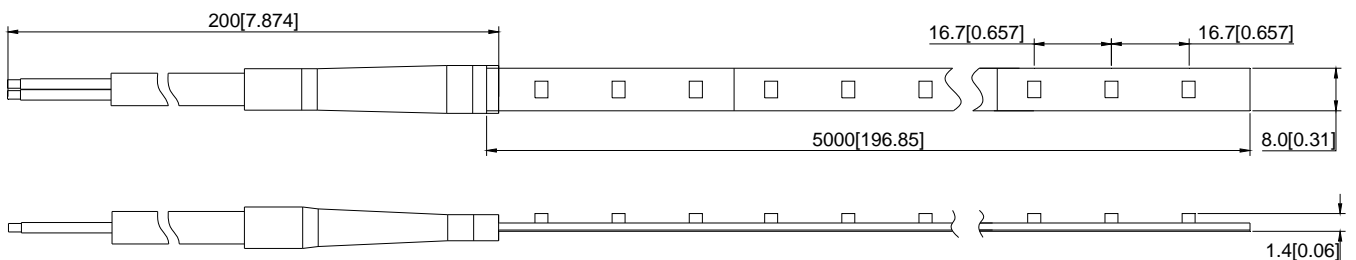
| P/N | LED Color | Standard Length | | Max. Length | | LED Qty (pcs/ m) | Operating Temperature | | Storage Temperature | | IP Grade |
|-----------|---------------|-----------------|--------|-------------|--------|---------------------|-----------------------|----------|---------------------|----------|----------|
| | | (m) | (in) | (m) | (in) | | (°C) | (°F) | (°C) | (°F) | |
| R0860TA-B | Neutral white | 5 | 196.85 | 5 | 196.85 | 60 | -25~+60 | -13~+140 | -25~+70 | -13~+158 | IP33 |
| R0860TA-B | Cold white | | | | | | | | | | |
| R0860TA-C | Neutral white | | | | | | | | | | |
| R0860TA-C | Red | | | | | | | | | | |
| R0860TA-C | Green | | | | | | | | | | |
| R0860TA-C | Blue | | | | | | | | | | |
| R0860TA-C | Yellow | | | | | | | | | | |
| R6860TA-B | Neutral white | 5 | 196.85 | 5 | 196.85 | 60 | -25~+60 | -13~+140 | -25~+70 | -13~+158 | IP65 |
| R6860TA-B | Cold white | | | | | | | | | | |
| R6860TA-C | Neutral white | | | | | | | | | | |
| R6860TA-C | Red | | | | | | | | | | |
| R6860TA-C | Green | | | | | | | | | | |
| R6860TA-C | Blue | | | | | | | | | | |
| R6860TA-C | Yellow | | | | | | | | | | |

Notes:

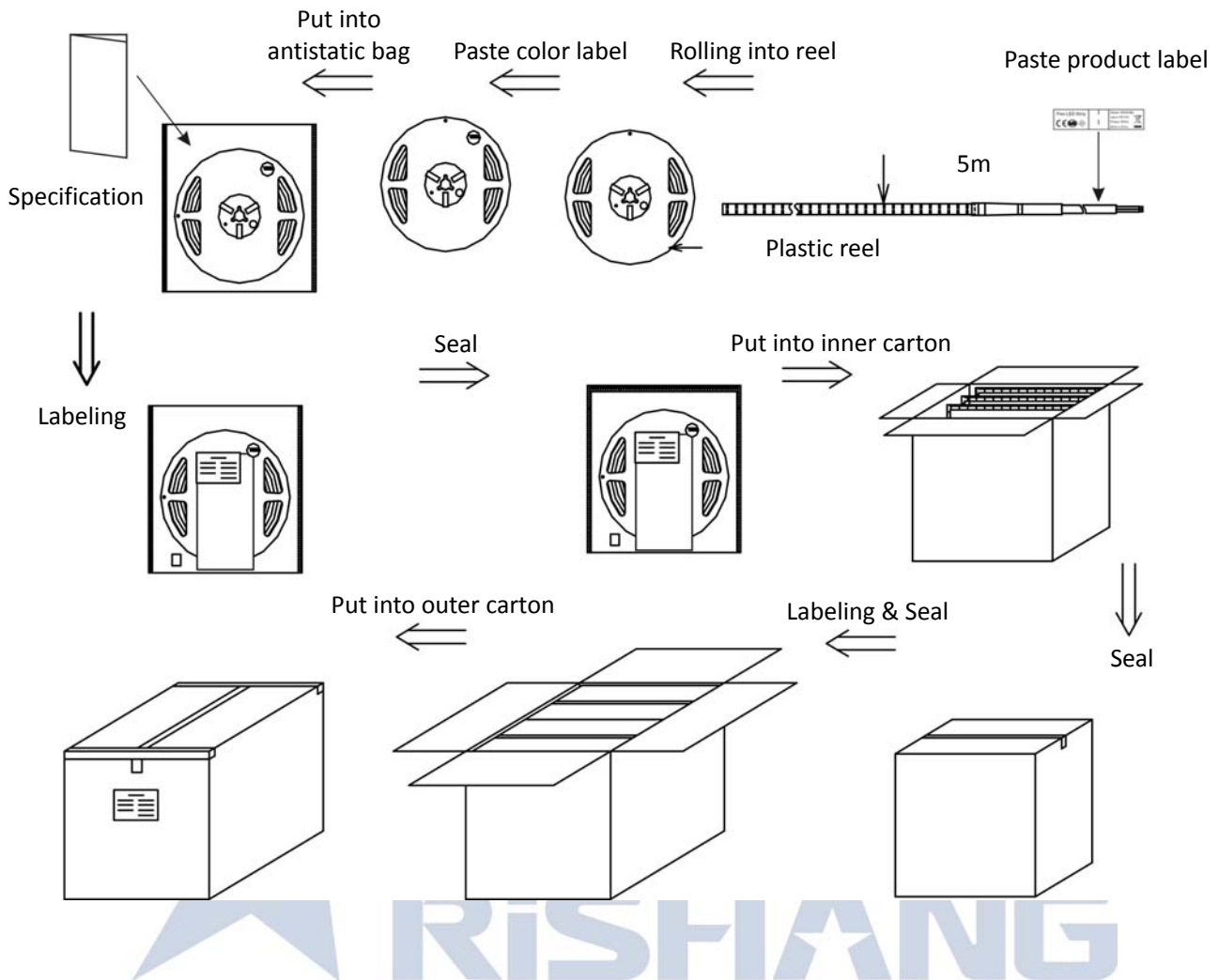
- ① Testing environment temperature: 25±2°C [77±3.6°F];
- ② The actual data of each single product may differ from above typical data which are subject to change without prior notice;
- ③ The color temperature may vary due to reflection of silica gel for fill with silica gel series. Above CCT belong to bare light.

Profile Drawings:

Unit: mm [in]



Packaging Diagrams:



Packaging Information:

R0860TA

1. Rolling this product into plastic reel and then packaged into double-deck corrugated carton.
2. Outer carton: 39.8*25.6*23.8cm =0.0242 (1±10%) CBM [15.66*10.07*9.37n];
3. 5m [196.85in] per reel, 20 reels per inner carton, and 2 inner cartons per outer carton;
4. Net Weight (N.W) : 2.82 (1±10%) kg [6.21 (1±10%) lb];
5. Gross Weight (G.W) : 4.64 (1±10%) kg [10.22 (1±10%) lb];
6. The actual packed quantity and weight may subject to change without prior notice.

R6860TA

1. Rolling this product into plastic reel and then packaged into double-deck corrugated carton.
2. Outer carton: 39.8*25.6*23.8cm =0.0242 (1±10%) CBM [15.66*10.07*9.37n];
3. 5m [196.85in] per reel, 20 reels per inner carton, and 2 inner cartons per outer carton;
4. Net Weight (N.W) : 4.8 (1±10%) kg [10.58 (1±10%) lb];
5. Gross Weight (G.W) :6.2 (1±10%) kg [13.66 (1±10%) lb];
6. The actual packed quantity and weight may subject to change without prior notice.