

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)	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 [39.37in]	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	76	—	13	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	76	—	13	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	71	—	12	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	45	—	8	12	500	2333	6	28
-----------	--------	---------	---	-----	----	---	---	----	-----	------	---	----

Others:

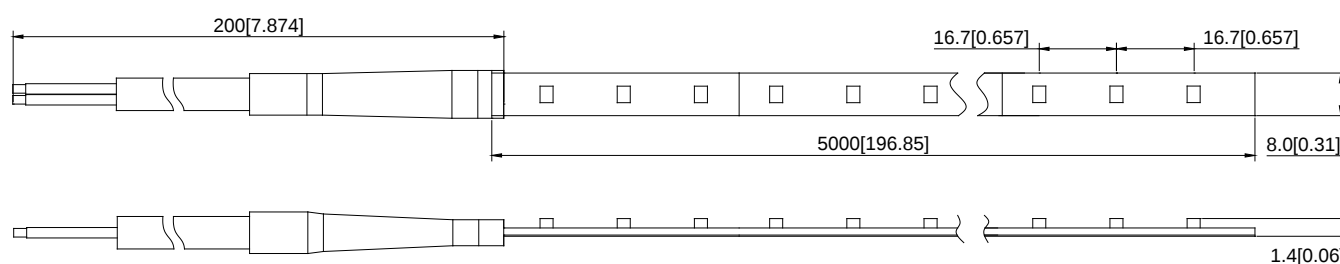
P/N	LED Color	Standard Length		Max. Length		LED Qty (pcs/ m)	Operating Temperature		Storage Temperature		IP Grade
		(m)	(in)	(m)	(in)		(°C)	(°F)	(°C)	(°F)	
R0860TA-B	Neutral white	5	196.85	5	196.85	60	-25~+60	-13~+140	-25~+70	-13~+158	IP20
R0860TA-B	Cold white										
R0860TA-C	Neutral white										
R0860TA-C	Red										
R0860TA-C	Green										
R0860TA-C	Blue										
R0860TA-C	Yellow										
R6860TA-B	Neutral white										IP65
R6860TA-B	Cold white										
R6860TA-C	Neutral white										
R6860TA-C	Red										
R6860TA-C	Green										
R6860TA-C	Blue										
R6860TA-C	Yellow										

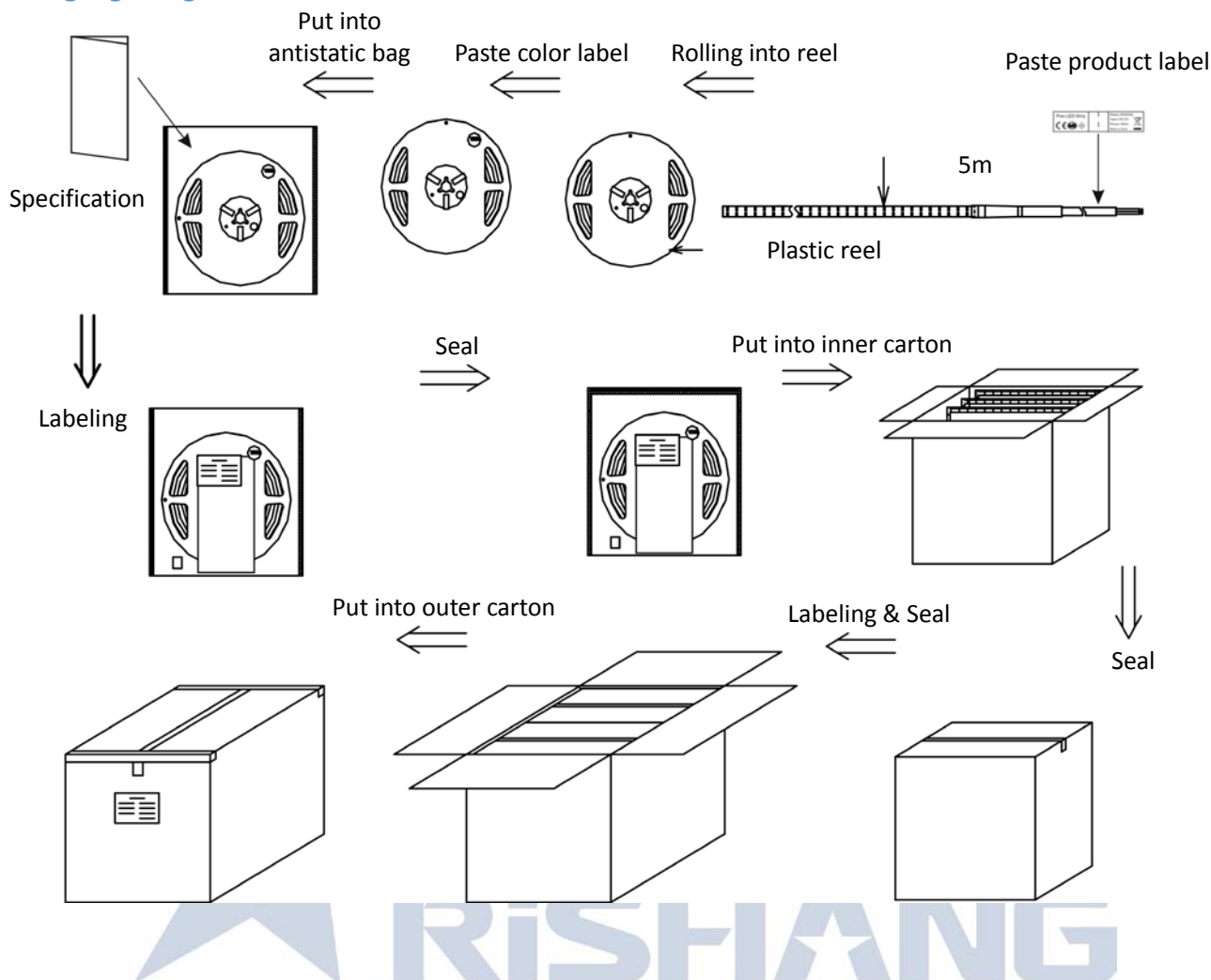
Notes:

- ① Testing environment temperature: 25±2℃ [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;
- ④ Above “—” represents that SDCM parameters do not need to be filled in.

Profile Drawings:

Unit: mm [in]





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*9.37in];
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.

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.