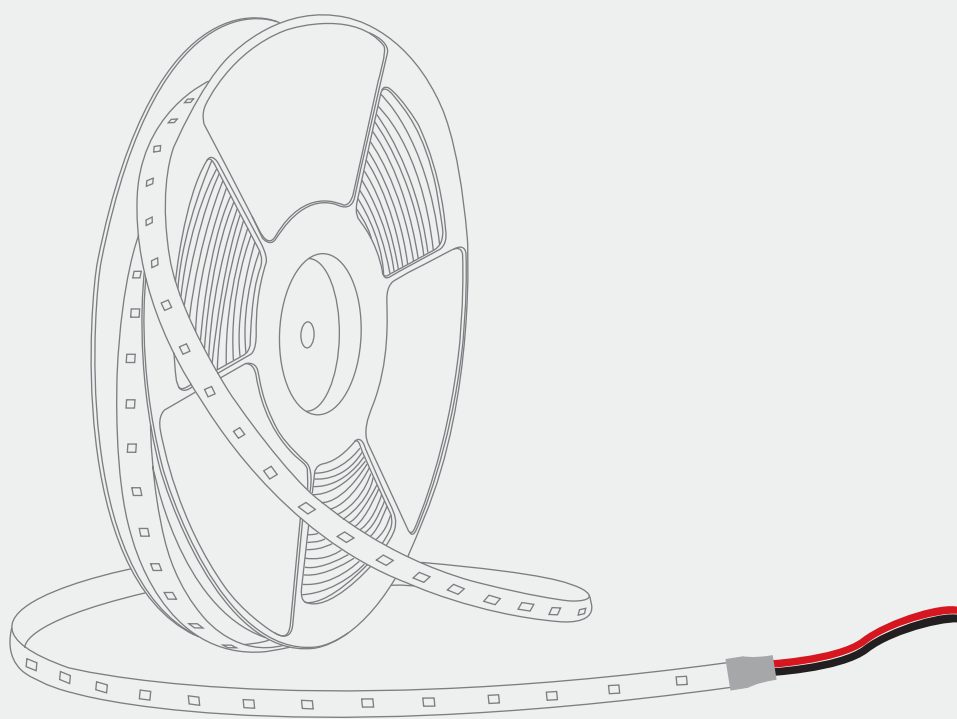




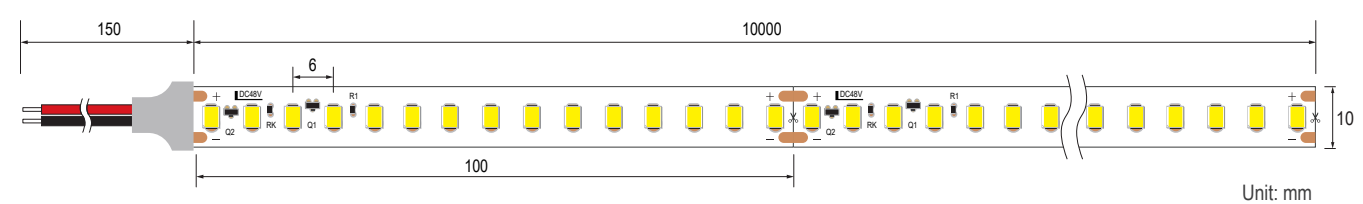
48V SUPER LONG LED STRIP

Product specification

Product List

Model	LEDs/m	Voltage(V)	Power (W/M)	FPC Width (mm)	CRI	Unit length (mm)	Max.run length (M)	IP Level	Page
TY-ST28Q150V48W10-CCx	150	DC48V	20	10	≥90	100	10	 	01
TY-ST28Q80V48W10-Cx	80	DC48V	5.8	10	≥90	50	25	 	02
TY-ST28Q160V48W10-Cx	160	DC48V	8.8	10	≥90	25	20	 	03
TY-ST28Q120V48W12-CCx	120	DC48V	5.2	12	≥90	100	50	 	04
TY-ST28Q72V48W10-CCx	72	DC48V	3.2	10	≥90	166.7	60	 	05
TY-ST28Q240V48W12-CCa	240	DC48V	10.5	12	≥90	100	40	 	06
TY-ST50Q54V48W12-CCrgb	54	DC48V	9.4	12	--	166.7	50	 	07
TY-ST50Q108V48W12-CCrgbw 108		DC48V	12.5	12	--	166.7	40	 	08

Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	150
CRI	≥90
Max.run length	10m

IP Level
IP 20

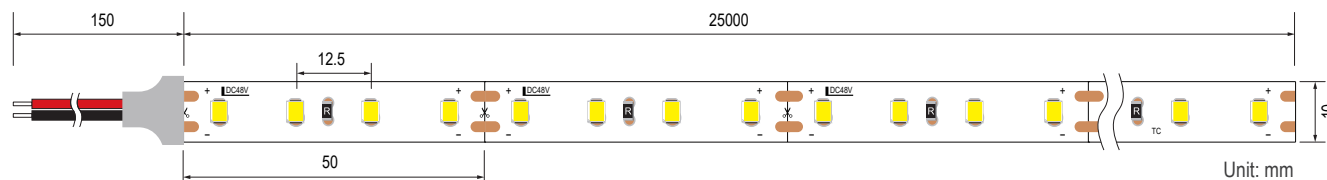
IP Level
IP 65

Standard
LM-80

Warranty
3 Years

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	20	2080	104	10	100	10	CC
3000K±150				2100	105				
4000K±200				2300	115				
6500K ⁺²⁰⁰ ₋₃₀₀				2220	111				

Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

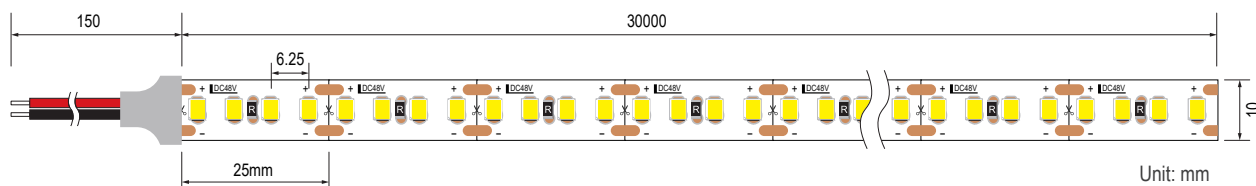
Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	80
CRI	≥90
Max.run length	25m

 IP Level IP 20	 IP Level IP 65	 Standard LM-80	 Warranty 3 Years
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CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	5.8	574	99	10	50	25	CV
3000K±150				534	92				
4000K±200				644	111				
6500K ⁺²⁰⁰ ₋₃₀₀				632	109				

Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H, 3-year warranty

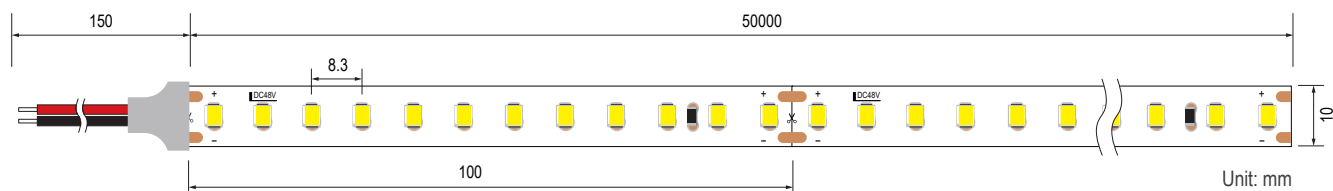
Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	160
CRI	≥90
Max.run length	20m

IP Level IP 20	IP Level IP 65	Standard LM-80	Warranty 3 Years
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CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	8.8	871	99	10	25	20	CV
3000K±150				792	90				
4000K±200				977	111				
6500K ⁺²⁰⁰ ₋₃₀₀				968	110				

Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H, 3-year warranty

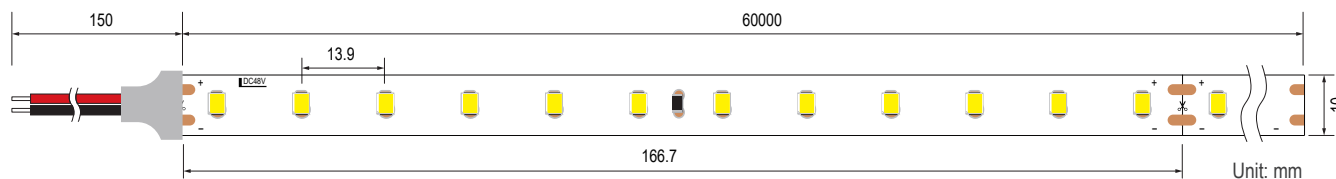
Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	120
CRI	≥90
Max.run length	50m

IP Level IP 20	IP Level IP 65	Standard LM-80	Warranty 3 Years
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CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	5.2	536	103	12	100	50	CC
3000K±150				541	104				
4000K±200				577	111				
6500K ⁺²⁰⁰ ₋₃₀₀				551	106				

Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H, 3-year warranty

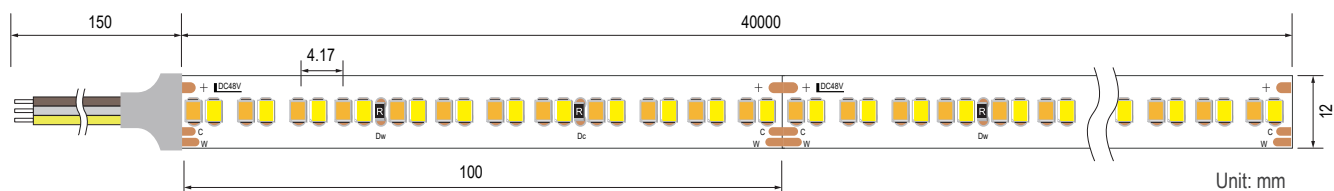
Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	72
CRI	≥90
Max.run length	60m

IP Level IP 20	IP Level IP 65	Standard LM-80	Warranty 3 Years
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CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	3.2	326	102	10	166.7	60	CC
3000K±150				336	105				
4000K±200				352	110				
6500K ⁺²⁰⁰ ₋₃₀₀				339	106				

Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H, 3-year warranty

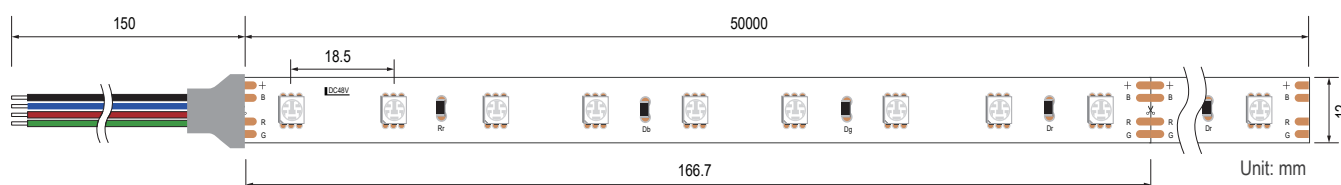
Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	240
CRI	≥90
Max.run length	40m

IP Level IP 20	IP Level IP 65	Standard LM-80	Warranty 3 Years
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CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	5.2	536	103	12	100	40	CC
6500K ⁺²⁰⁰ ₋₃₀₀			5.2	551	106				
4000K±300			10.5	1071	102				

Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

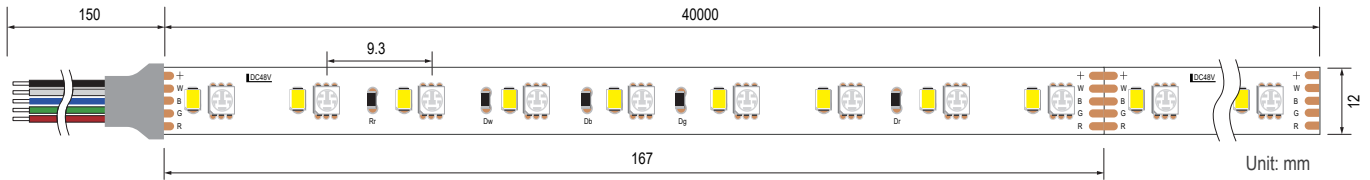
Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	54
CRI	--
Max.run length	50m

IP Level IP 20	IP Level IP 65	Standard LM-80	Warranty 3 Years
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CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
R	--	DC48V	3.1	69	22.4	12	166.7	50	CC
G			3.1	293	94.5				
B			3.1	60	19.5				
RGB			9.4	427	45.4				

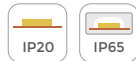
Product Dimension



Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H, 3-year warranty

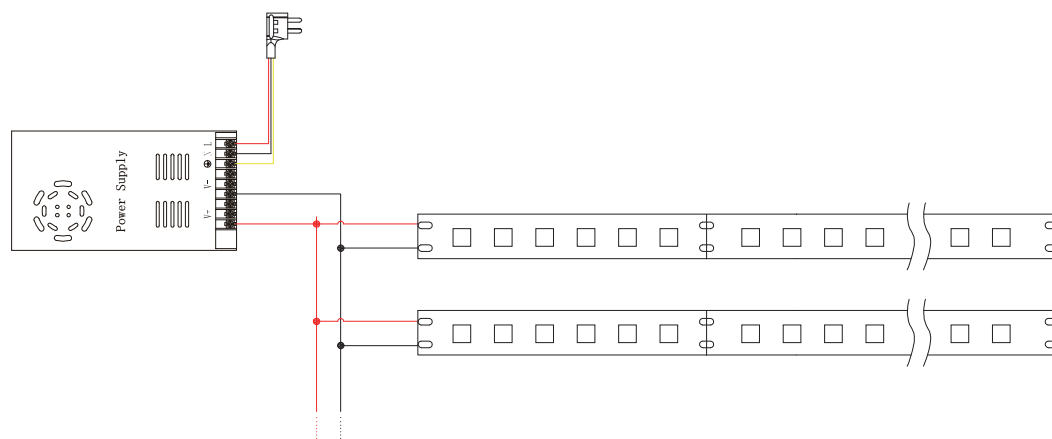


Basic Parameters

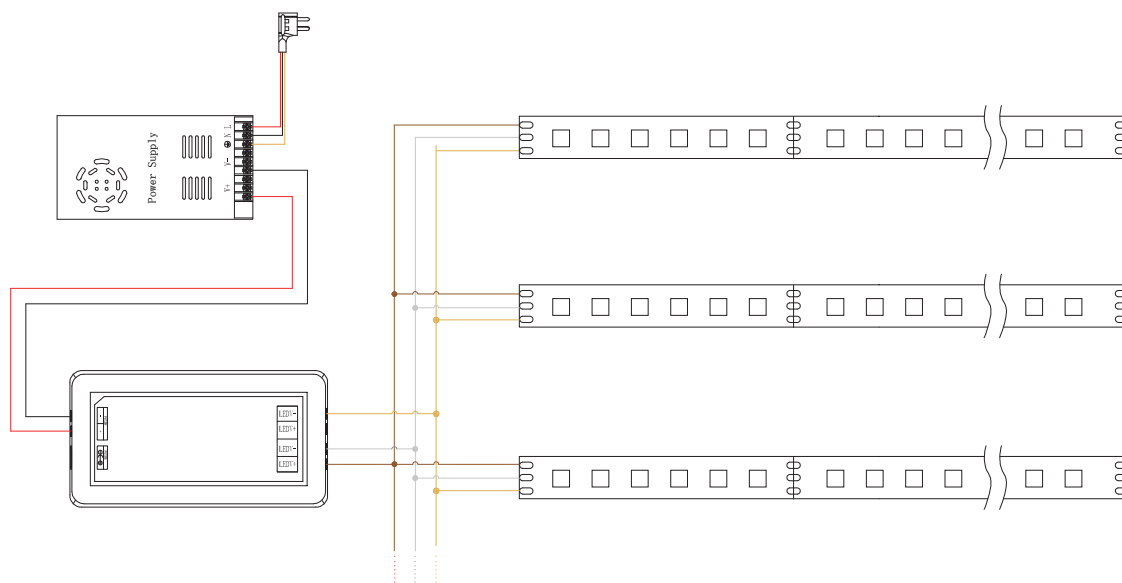
Input Voltage	DC48V
LED Type	2835
LED QTY/M	108
CRI	--
Max.run length	40m

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
R	---	DC48V	3.1	73	23.5	12	166.7	40	CC
G	---		3.1	294	94.8				
B	---		3.1	59	19				
W: 2700K	≥90		3.1	233	75.1				
RGB	---		9.4	423	45				
RGBW	---		12.5	655	52.4				
R	---	DC48V	3.1	73	23.4	12	166.7	40	CC
G	---		3.1	294	94.8				
B	---		3.1	57	18.4				
W: 3000K	≥90		3.1	241	77.6				
RGB	---		9.4	417	44.4				
RGBW	---		12.5	655	52.4				
R	---	DC48V	3.1	71	22.9	12	166.7	40	CC
G	---		3.1	295	95.1				
B	---		3.1	57	18.4				
W: 4000K	≥90		3.1	257	82.9				
RGB	---		9.4	423	45				
RGBW	---		12.5	680	54.4				
R	---	DC48V	3.1	73	23.5	12	166.7	40	CC
G	---		3.1	298	96				
B	---		3.1	59	18.9				
W: 6500K	≥90		3.1	247	79.8				
RGB	---		9.4	426	45.3				
RGBW	---		12.5	675	54				

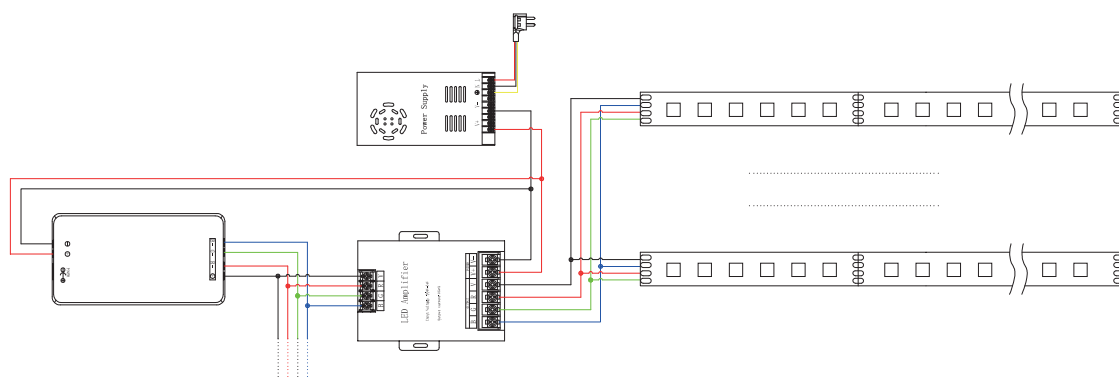
Single Color Connection Diagram



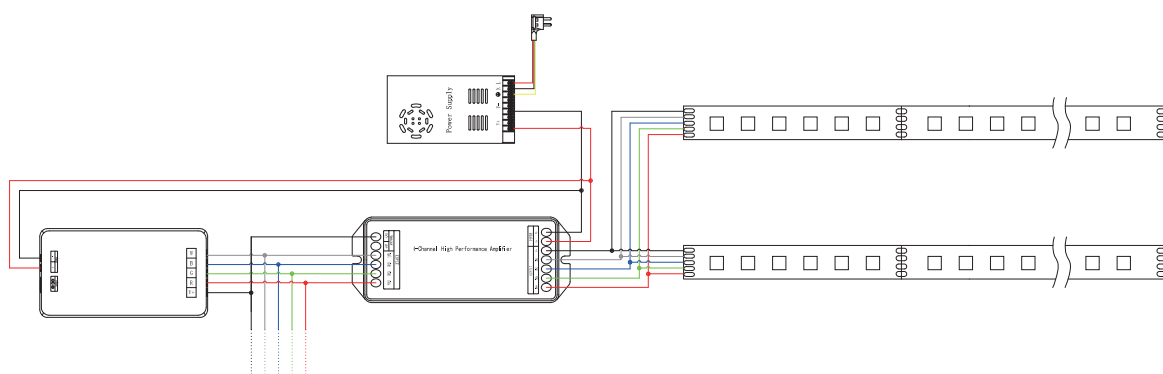
Tunable white Connection Diagram



RGB Connection Diagram

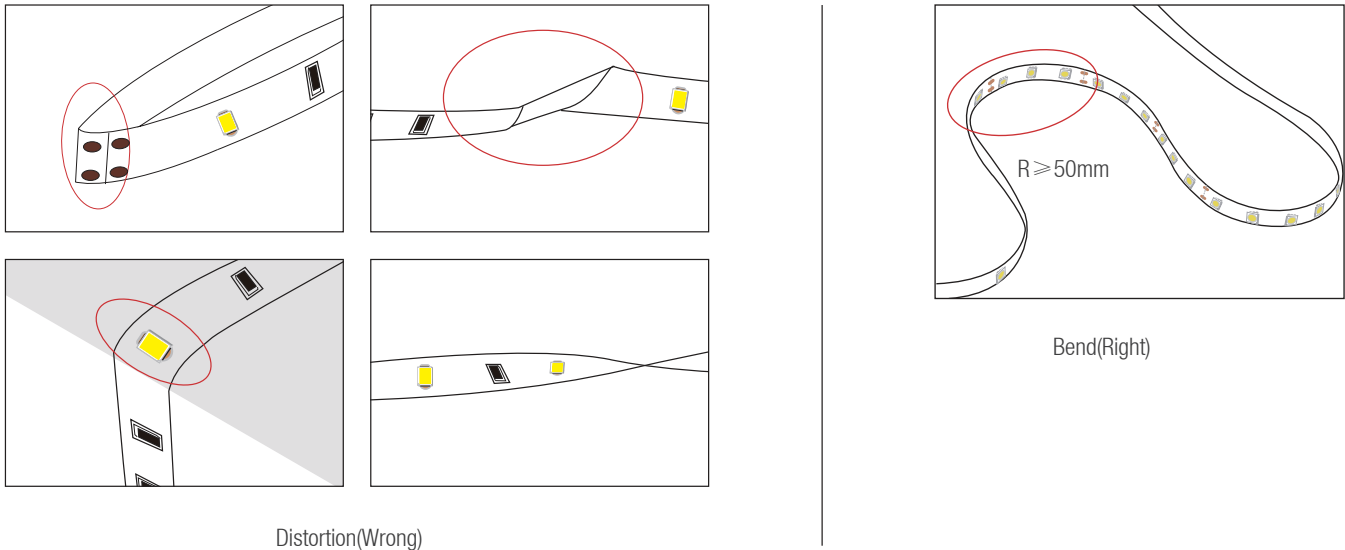


RGBW Connection Diagram



Cautions

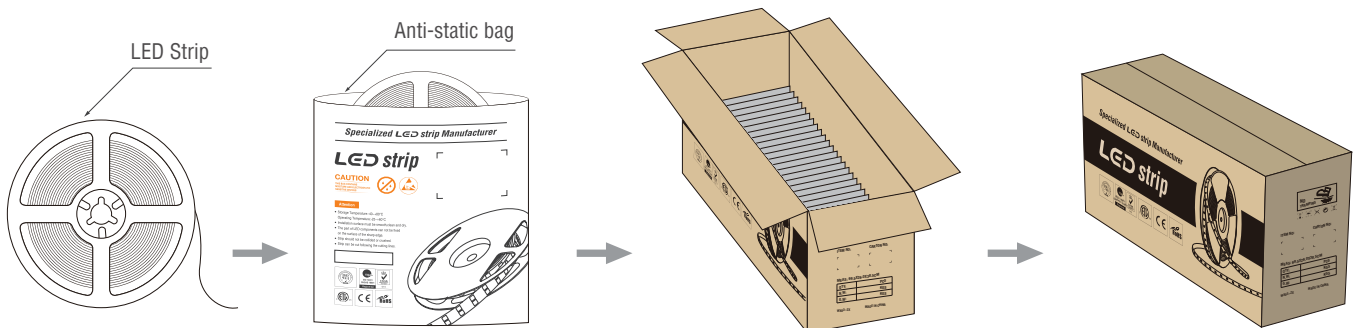
When install the led strip,please note the installation technique.The led strip can be bent,but not distorted,as shown below.



 LED strips are low votage products,you must use the power supply(transformer).Please don,t connect the led strip directly to the AC 110v or AC 220v,otherwise it will burn out the LED strips.

 Clean up the installation surface,it will ensure the reliability of the adhesive,The electrical connection process must be operated by a professional person.

Package



SGS

Verification Report

No. CANECN1914724001

Date: 12 Aug 2019

Page 1 of 14

TYRA LIGHTING TECHNOLOGY CO., LIMITED

MINGJINH INDUSTRIAL PARK, TANGTOU ROAD, SHIXIN COMMUNITY, SHIYAN TOWN, BAOAN DISTRICT, SHENZHEN, GUANGDONG

Sample Name : Flexible LED Strip Light
 SGS Job No. : CP19-040989 - GZ
 Tested Basic Model No. (P.O.No.): TY-ST50Q60V12W10
 Tested Extended Model No. (P.O.No.): TY-ST28Q120V24W10
 Client Ref. Info. : See remark (5)

Date of Report Received :

26 Jul 2019

Verification Period :

26 Jul 2019 - 12 Aug 2019

Verification Requested : With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.

Verification Method : Please refer to next page(s).

Verification Result : Please refer to next page(s).

Verification Conclusion : Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated diphenyls (PBDEs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Nina Huang

Nina Huang
 Approved Signatory

SGS-CSTC Standards Technical Services Co., Ltd.
 Guangzhou Branch

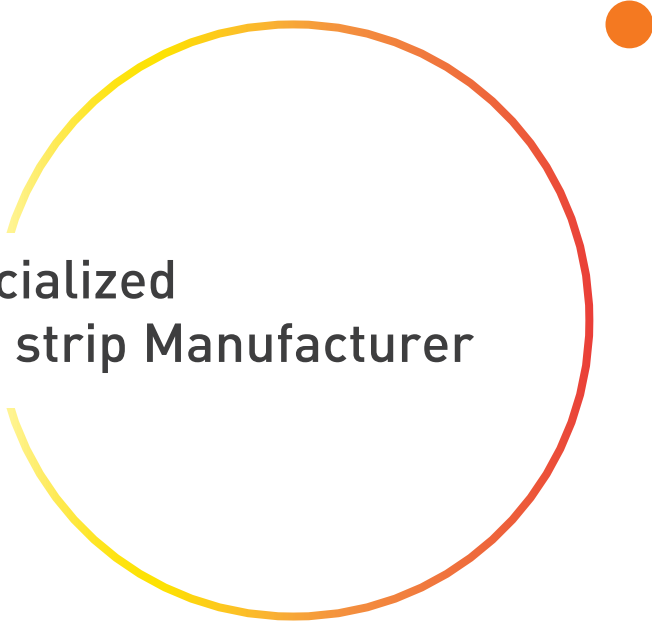
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Whitaker (Singapore) Pte Ltd is a member of the SGS Group. For more information, please contact us at Singapore: (65) 7365 0744, (65) 7365 0745, (65) 7365 0746, (65) 7365 0747, (65) 7365 0748, (65) 7365 0749, (65) 7365 0750, (65) 7365 0751, (65) 7365 0752, (65) 7365 0753, (65) 7365 0754, (65) 7365 0755, (65) 7365 0756, (65) 7365 0757, (65) 7365 0758, (65) 7365 0759, (65) 7365 0760, (65) 7365 0761, (65) 7365 0762, (65) 7365 0763, (65) 7365 0764, (65) 7365 0765, (65) 7365 0766, (65) 7365 0767, (65) 7365 0768, (65) 7365 0769, (65) 7365 0770, (65) 7365 0771, (65) 7365 0772, (65) 7365 0773, (65) 7365 0774, (65) 7365 0775, (65) 7365 0776, (65) 7365 0777, (65) 7365 0778, (65) 7365 0779, (65) 7365 0780, (65) 7365 0781, (65) 7365 0782, (65) 7365 0783, (65) 7365 0784, (65) 7365 0785, (65) 7365 0786, (65) 7365 0787, (65) 7365 0788, (65) 7365 0789, (65) 7365 0790, (65) 7365 0791, (65) 7365 0792, (65) 7365 0793, (65) 7365 0794, (65) 7365 0795, (65) 7365 0796, (65) 7365 0797, (65) 7365 0798, (65) 7365 0799, (65) 7365 0800, (65) 7365 0801, (65) 7365 0802, (65) 7365 0803, (65) 7365 0804, (65) 7365 0805, (65) 7365 0806, (65) 7365 0807, (65) 7365 0808, (65) 7365 0809, (65) 7365 0810, (65) 7365 0811, (65) 7365 0812, (65) 7365 0813, (65) 7365 0814, (65) 7365 0815, (65) 7365 0816, (65) 7365 0817, (65) 7365 0818, (65) 7365 0819, (65) 7365 0820, (65) 7365 0821, (65) 7365 0822, (65) 7365 0823, (65) 7365 0824, (65) 7365 0825, (65) 7365 0826, (65) 7365 0827, (65) 7365 0828, (65) 7365 0829, (65) 7365 0830, (65) 7365 0831, (65) 7365 0832, (65) 7365 0833, (65) 7365 0834, (65) 7365 0835, (65) 7365 0836, (65) 7365 0837, (65) 7365 0838, (65) 7365 0839, (65) 7365 0840, (65) 7365 0841, (65) 7365 0842, (65) 7365 0843, (65) 7365 0844, (65) 7365 0845, (65) 7365 0846, (65) 7365 0847, (65) 7365 0848, (65) 7365 0849, (65) 7365 0850, (65) 7365 0851, (65) 7365 0852, (65) 7365 0853, (65) 7365 0854, (65) 7365 0855, (65) 7365 0856, (65) 7365 0857, (65) 7365 0858, (65) 7365 0859, (65) 7365 0860, (65) 7365 0861, (65) 7365 0862, (65) 7365 0863, (65) 7365 0864, (65) 7365 0865, (65) 7365 0866, (65) 7365 0867, (65) 7365 0868, (65) 7365 0869, (65) 7365 0870, (65) 7365 0871, (65) 7365 0872, (65) 7365 0873, (65) 7365 0874, (65) 7365 0875, (65) 7365 0876, (65) 7365 0877, (65) 7365 0878, (65) 7365 0879, (65) 7365 0880, (65) 7365 0881, (65) 7365 0882, (65) 7365 0883, (65) 7365 0884, (65) 7365 0885, (65) 7365 0886, (65) 7365 0887, (65) 7365 0888, (65) 7365 0889, (65) 7365 0890, (65) 7365 0891, (65) 7365 0892, (65) 7365 0893, (65) 7365 0894, (65) 7365 0895, (65) 7365 0896, (65) 7365 0897, (65) 7365 0898, (65) 7365 0899, (65) 7365 0900, (65) 7365 0901, (65) 7365 0902, (65) 7365 0903, (65) 7365 0904, (65) 7365 0905, (65) 7365 0906, (65) 7365 0907, (65) 7365 0908, (65) 7365 0909, (65) 7365 0910, (65) 7365 0911, (65) 7365 0912, (65) 7365 0913, (65) 7365 0914, (65) 7365 0915, (65) 7365 0916, (65) 7365 0917, (65) 7365 0918, (65) 7365 0919, (65) 7365 0920, (65) 7365 0921, (65) 7365 0922, (65) 7365 0923, (65) 7365 0924, (65) 73

	
VERIFICATION OF EMC COMPLIANCE	
Verification No.:	SZEM2106005729LMV
Applicant:	TYRNA LIGHTING TECHNOLOGY CO., LTD
Address of Applicant:	G Building, Hongfa H-lech Industrial Park, Tianyou Community, Shiya Town, Baolan District, Shenzhen, Guangdong
Manufacturer:	TYRNA LIGHTING TECHNOLOGY CO., LTD
Address of Manufacturer:	G Building, Hongfa H-lech Industrial Park, Tianyou Community, Shiya Town, Baolan District, Shenzhen, Guangdong
Factory:	TYRNA LIGHTING TECHNOLOGY CO., LTD
Address of Factory:	G Building, Hongfa H-lech Industrial Park, Tianyou Community, Shiya Town, Baolan District, Shenzhen, Guangdong
Product Description:	LED strip
Model No.:	TY-ST35C24V120W14W-WW, TY-ST28Q120V24W14W-WW, TY-ST40Q24V24W14W-WW, TY-ST50Q60V24W14W-RGBWW, TY-STC0B360V24W12-RGBCW
Sufficient samples of the product have been tested and found to be in conformity with	EN IEC 550-15:2019-A11-02:20
Test Standards:	EN 61547-02:2009
As shown in the	
Test report number(s):	SZEM210600572901
This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/53/EU. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.	
 	
Kerry Xu EMC Laboratory Manager	Date: 2021-06-30

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Member of SGS Group (Société Générale de Surveillance)



Specialized LED strip Manufacturer

TYRIA LIGHTING TECHNOLOGY CO., LIMITED



F1: Mingjinhai Industrial Park, Tangtou Road, Shixin Community, Shiyan Town, Baoan District
Shenzhen, Guangdong, China

F2: G Building, Hongfa Hi-tech Industrial Park, Tangtou Community, Shiyan Town, Baoan District
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