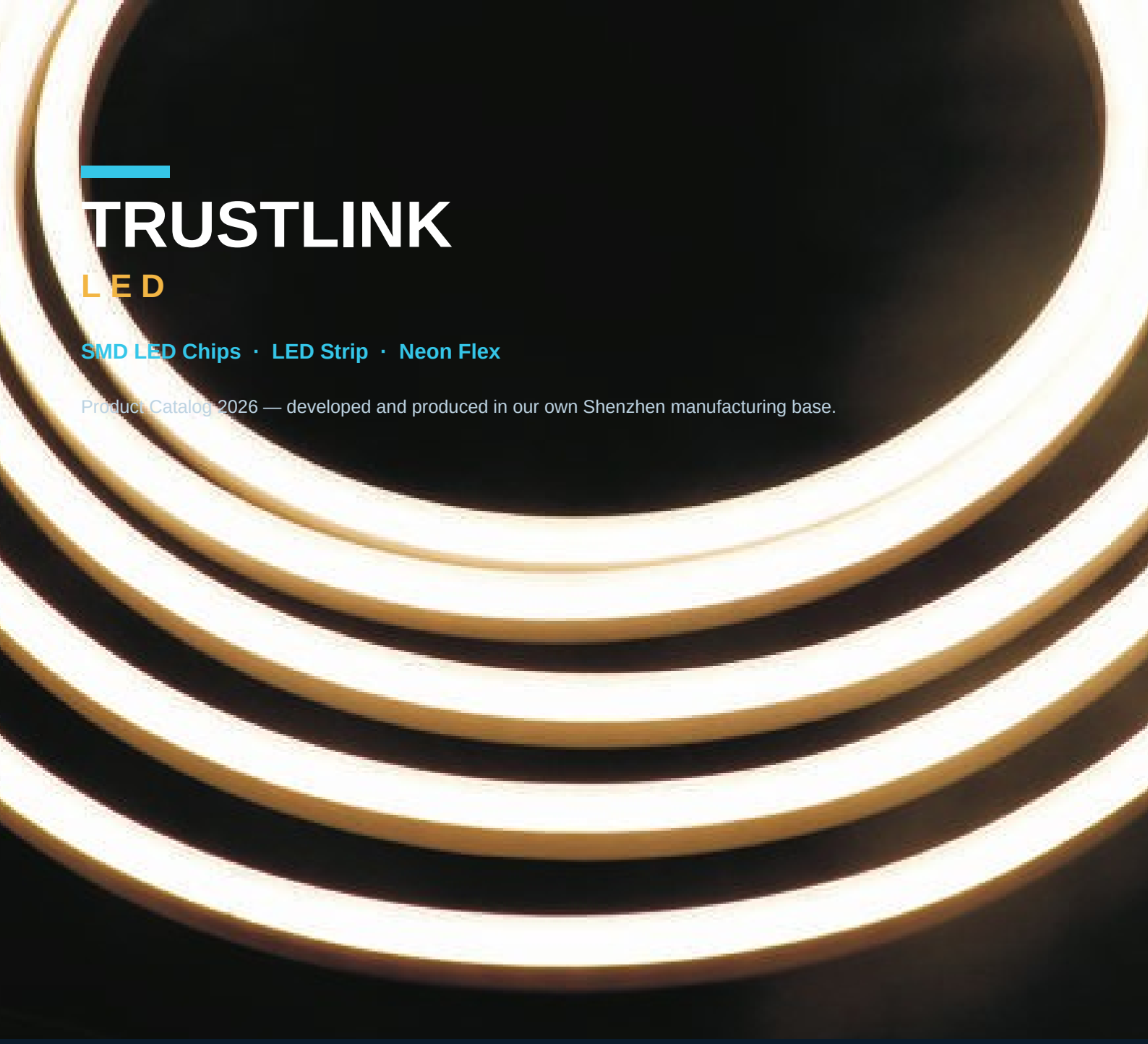


TRUSTLINK

L E D

SMD LED Chips · LED Strip · Neon Flex

Product Catalog 2026 — developed and produced in our own Shenzhen manufacturing base.

Foshan TrustLink Trading Co., Ltd.

佛山卓联贸易有限公司

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OEM / ODM AVAILABLE

01 / COMPANY

Our Own Factory in Shenzhen

Chip-to-strip production under one roof

Foshan TrustLink Trading Co., Ltd.

佛山卓联贸易有限公司

Our manufacturing base in Guangming District, Shenzhen brings packaging, SMT, extrusion, encapsulation and final testing together. A 3,500 m2 dust-free workshop with automatic lines and an in-house R&D team keeps every batch consistent from LED chip to finished reel.

LED chips, strips and neon flex are developed as one system, so colour temperature, CRI, IC protocol and IP rating are matched at the design stage. Products are designed to comply with CE, RoHS, UL and TUV requirements and produced under an ISO 9001 quality system.





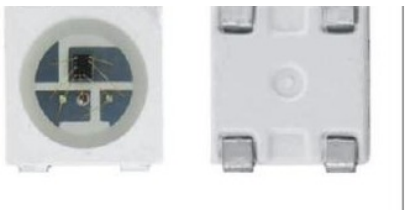


- 3,500 m2 dust-free workshop
- In-house R&D and photometric lab
- CE / RoHS / UL / TUV compliant designs
- Automatic SMT & encapsulation lines
- 100% electrical test and aging
- OEM & ODM programs

02 / SMD LED CHIPS

Chip-Level Control of Your Light

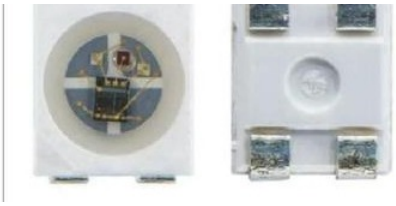
5050 / 3528 / 2835 / 5054 · single colour, RGB, RGBW, built-in IC



TL-P9411-5050RGB

5050 RGB built-in IC

5 V · 12 mA · 120°



TL-P9411-3528RGB

3528 RGB built-in IC

5 V · 12 mA · 120°



TL-P9411-5050W

5050 white

3000–6500 K · 16–28 lm



TL-P9411-3528W

3528 white

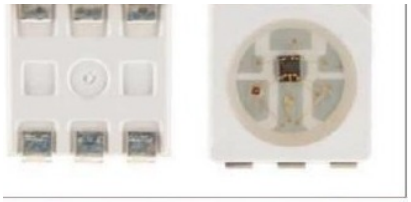
3000–6500 K · 16–28 lm



TL-5050RGBW

5050 RGBW 4-in-1

20 mA · 120°



TL-5054-0.5W/1W

5054 high power

45–120 lm · 3.0–3.4 V

03 / SPECIFICATIONS

Typical Electrical & Optical Data

Reference values — final binning confirmed in writing per order

Model	Pkg	Type	CCT / Wavelength	Flux / Brightness	Vf	Current	Angl
TL-P9411-5050RGB	5050	RGB + IC	625 / 525 / 470 nm	250–1600 mcd	1.7–3.3 V	12 mA	120°
TL-P9411-3528RGB	3528	RGB + IC	625 / 525 / 470 nm	250–800 mcd	1.7–3.3 V	12 mA	120°
TL-P9411-5050W	5050	White	3000 / 4250 / 6000 K	16–28 lm	8–10 V	40 mA	120°
TL-P9411-3528W	3528	White	3000 / 4250 / 6000 K	16–28 lm	8–10 V	40 mA	120°
TL-5050RGBW	5050	RGBW	2700–7000 K + RGB	6–10 lm (W)	2.7–3.2 V	20 mA	120°
TL-5054-0.5W	5054	High power	3000 / 4250 / 6000 K	45–60 lm	3.0–3.4 V	150 mA	120°
TL-5054-1W	5054	High power	3000 / 4250 / 6000 K	90–120 lm	3.0–3.4 V	300 mA	120°
TL-P9412-5050RGBW	5050	RGBW + IC	12 V / 24 V	1800–4500 mcd	9–12 V	50 mA	120°
TL-P943-5050RGB	5050	RGB	625 / 525 / 470 nm	270–1600 mcd	2.0–3.2 V	10–18 mA	120°
TL-5050-2A	5050	High current	6000 / 3000 / 4250 K	16–28 lm	3.0–3.4 V	60 mA	120°

Binning: colour temperature, CRI and DUV are confirmed before production. High-CRI options Ra>90 / R9>60 available on 2110 / 2835 / 3528 series. Built-in IC chips support 5 V, 12 V and 24 V systems.

04 / LED STRIP

Regular & Digital LED Strip

2110 / 2835 / 3528 / 5050 · 12 V / 24 V · 5 V digital





REGULAR LED STRIP

Single and dual colour strips, 60–500 LED/m, Ra>90 / R9>60 high-CRI options, 2700–6000 K, protection grades IP20 to IP68, 5 m per reel.

DIGITAL / ADDRESSABLE

Built-in IC series P923 (DC 5 V), P943, P9412, P9413 and DMX512. Pixel-level effects with SPI and DMX512 controllers, RGB / RGBW / RGBWW.

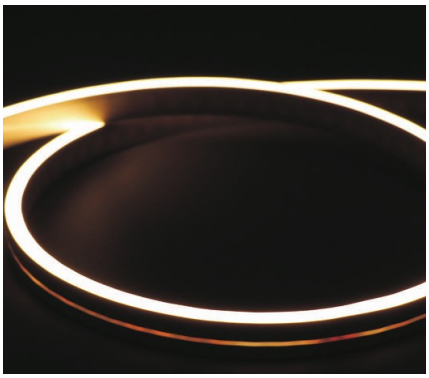
Series	LED / m	Voltage	Power	PCB width	Cut length
TL-21-R-12/24V (2110)	120–700	12 / 24 V	4–18 W/m	4–10 mm	25–50 mm
TL-28-R-12/24V (2835)	60–240	12 / 24 V	6–20 W/m	8–10 mm	50–100 mm
TL-35-R-12/24V (3528)	60–240	12 / 24 V	4.8–19 W/m	8–10 mm	50–100 mm
TL-50-R-12/24V (5050)	30–120	12 / 24 V	7.2–24 W/m	10–12 mm	50–100 mm
TL-50/35/20-P1-5V (P923)	30–144	5 V	6–18 W/m	6–10 mm	16–33 mm

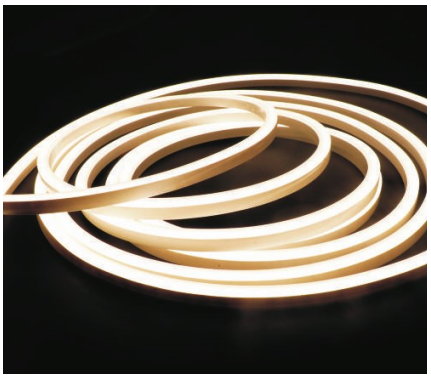
CRI Ra>90 / R9>60 · DUV 0.0038 · 3M adhesive backing · 5 m / reel · custom length and packing on request.

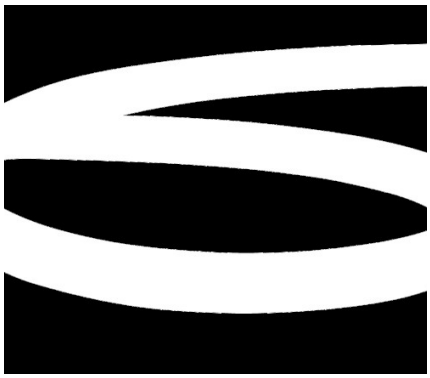
05 / NEON FLEX

Neon Flex Light

Continuous dot-free line · top emitting & side emitting · 12 V / 24 V







Size	Emitting	Voltage	Colour	Meters / reel	Reel / carton
6 x 12 mm	Side	12 / 24 V	WW/NW/W/R/G/B/Y/A	5 m	20
7 x 14 mm	Side	12 / 24 V	WW/NW/W/R/G/B/Y/A	5 m	30
8 x 10 mm	Side	12 / 24 V	WW/NW/W/R/G/B/Y/A	5 m	30
8 x 15 mm	Side	12 / 24 V	WW/NW/W/R/G/B/Y/A	5 m	30
9.5 x 18 mm	Top	12 / 24 V	WW/NW/W/R/G/B/Y/A	5 m	20
10 x 20 mm	Top	12 / 24 V	WW/NW/W/R/G/B/Y/A	5 m	20
16.8 x 14.5 mm	Top	12 / 24 V	WW/NW/W/R/G/B/Y/A	5 m	20

Silicone extrusion, IP65–IP68 options, moulded connectors and end caps included. Custom lengths, colours and bend directions available for project orders.

06 / SYSTEM

Profiles, Controllers & Ordering Code

One code defines package, IC, voltage, colour, IP grade and version



ALUMINIUM PROFILE

Surface and recessed channels: 1015 / 1616 / 1616-B / 1919 / 1506 / 1715. Opal, clear and milky diffusers, end caps and clips. 1 m / 2 m, cut to size.



CONTROLLERS

SPI controller, SPI/DMX512 addressable controller, RGB/RGBW controller and single / dual colour dimmer. DC 5–24 V, simple and programmable modes.

TL - 50 - P1 - 24V - C18 - E3 / N

TL	TrustLink brand prefix	**50 / 28 / 35 / 21 / 20**	5050 / 2835 / 3528 / 2110 / 2020 package
P1	Built-in IC model	**5V / 12V / 24V**	Operating voltage
C15–C20	9000–20000 K, RGB, RGBW, RGBWW	**E1 / E3 / E5**	IP20 / IP64 / IP65 / IP67 / IP68
/N	Neon flex silicone version		

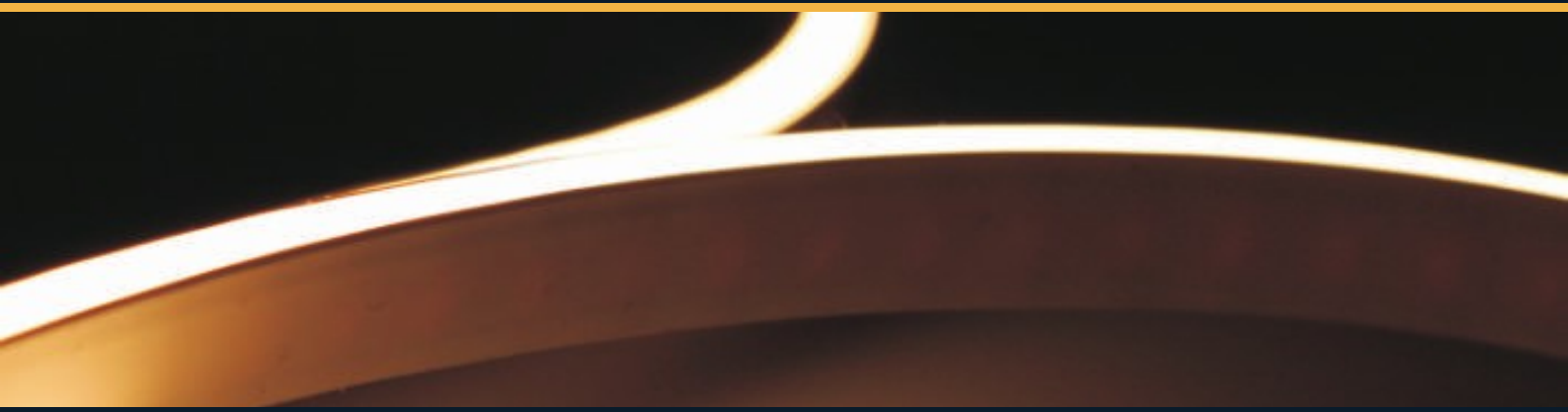
LET US BUILD YOUR LINE

Send the series, package, voltage, colour and quantity — we reply with specifications, packing and lead time.

Foshan TrustLink Trading Co., Ltd.

佛山卓联贸易有限公司

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PHONE / WHATSAPP	+852 62186002



OEM / ODM PROGRAMS AVAILABLE

Product images and specifications are for reference only. Final parameters are confirmed in writing before production.