



NATIONSTAR
—SINCE 1969—



NATIONSTAR
—SINCE 1969—

LED LIGHTING

CATALOGUE FOR U.S.A.



LED STRIPS



LED TUBE



LED PANEL

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NATIONSTAR, LIGHTING UP THE WORLD

01 BRIEF INTRODUCTION

Foshan NationStar Optoelectronics Co.,Ltd has been specializing in LED industry for over 40 years, and started LED lighting manufacturing since 2004. With a strong R&D ability, reliable product quality and excellent after-sales service, NationStar becomes a leading manufacturer for chips, LEDs and LED lighting products.



Headquarters, Northern Area

LED Module Division

Land Area: 280,000 sq ft

Floor Area: 500,000 sq ft

Headquarters, Southern Area

**LED Lighting Division
White LED Division
RGB LED Division**

Land Area: 380,000 sq ft

Floor Area: 1,000,000 sq ft



NationStar Semiconductor

LED wafer & LED chip production facilities

Land Area: 350,000 sq ft

Floor Area: 600,000 sq ft



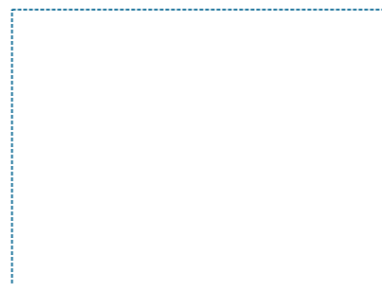
02 INDUSTRIAL CHAIN



Chip

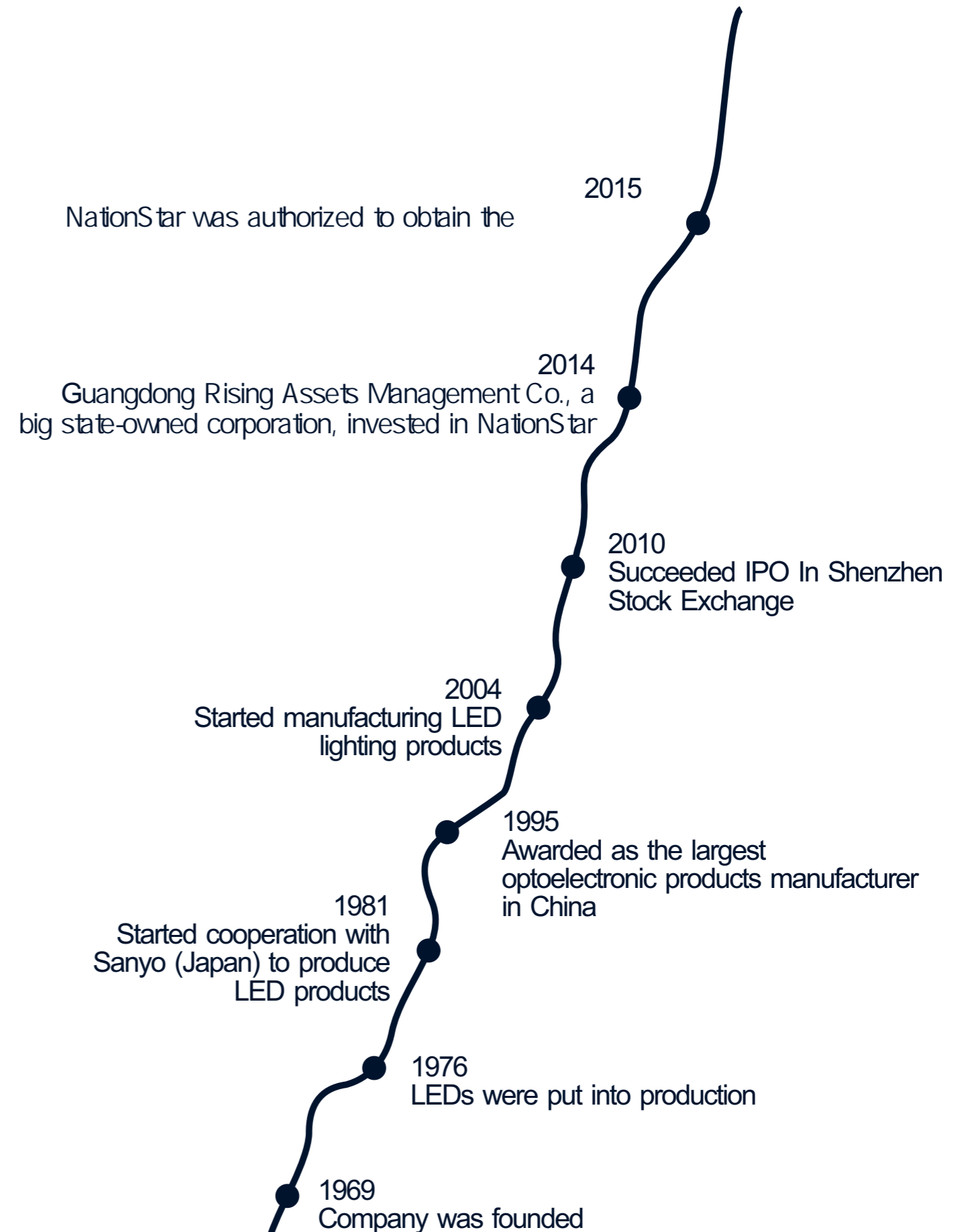


LED



Lighting product

03 HISTORY



04 PRODUCTION FACILITIES



NationStar Semiconductor



LED Encapsulation



SMT Production Line



Production Line for LED Panel



Production Line for LED Tape Light



Testing Lab

05 MANAGEMENT SYSTEMS



OHSAS18001 occupation health and safety management system



ISO9001 quality management system



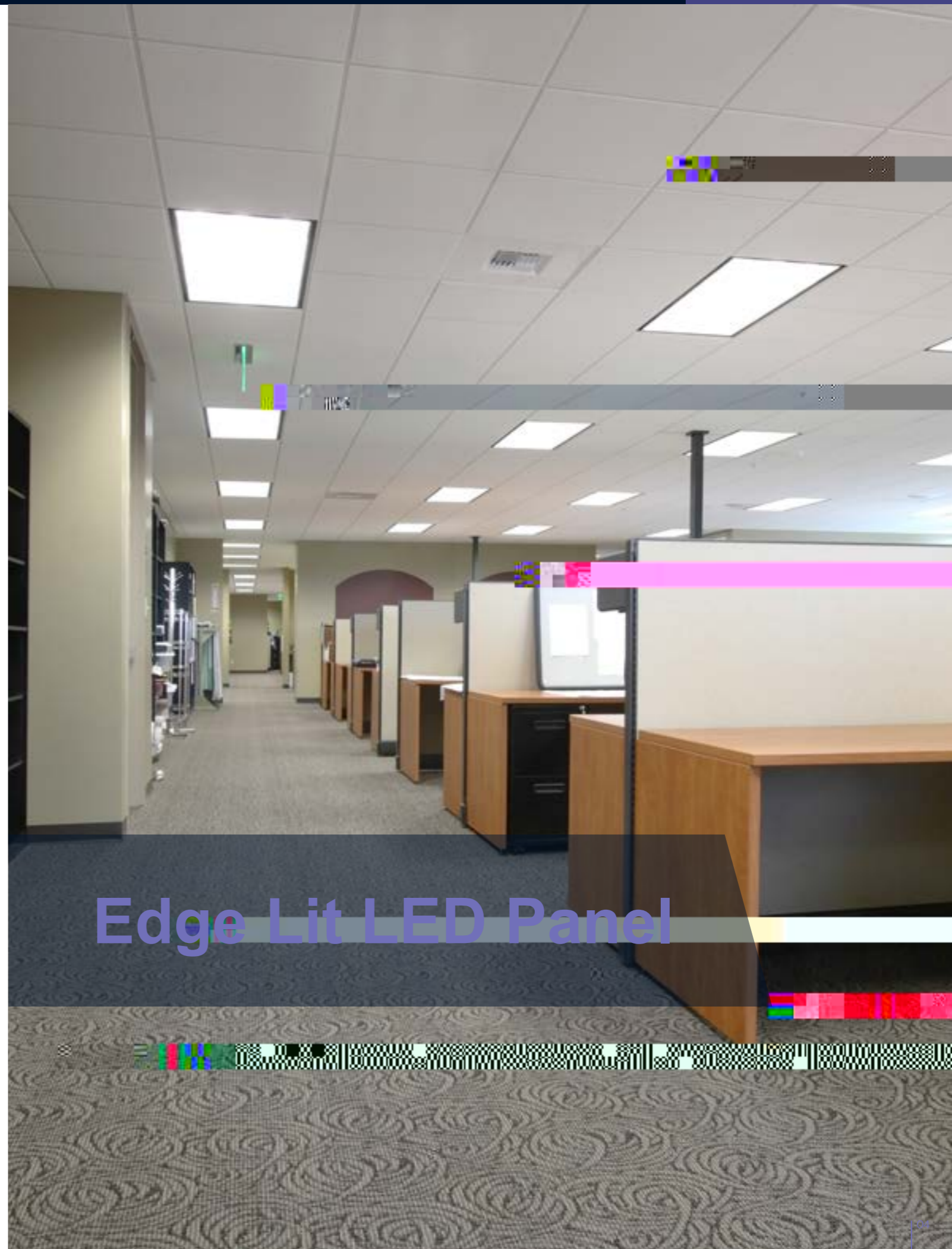
ISO14001 environmental management system



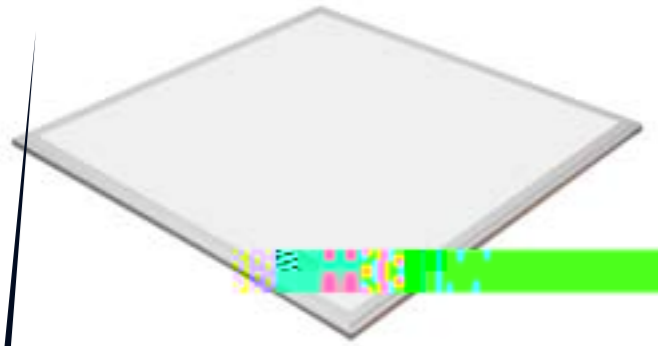
ISO-TS16949 quality management system



ISO/IEC 17025:2005 General Requirements



Edge Lit LED Panel



Multi-wattage Edge Lit LED Panel



FEATURES

- Different lumen output integrated in the same panel to reduce stock quantity.
- The driver is inserted into the back of the panel and can be dismountable to save the shipping volume and cost.
- Option for efficiency: 100lm/W and 125lm/W.
- Ideal energy-efficiency replacements for fluorescent fixtures in offices, schools, hospitality, health care and other commercial and industrial applications.

PERFORMANCE

Model No.	Size(inch)	Input Voltage Range(V)	Input Wattage (W)	Lumen (lm)	Efficiency (lm/W)	Color Rendering Index (CRI)	Color Temperature (CCT)	Power Factor	DLC
NS-PLS-6060	23.75x23.75x0.39 (2x2)	AC100-277	20-50	2000-5000	100	>80	3000/3500/4000/5000	>0.9	V4.1 Standard
			20-40	2500-5000	125				V4.1 Premium
NS-PLS-60120	23.75x47.75x0.39 (2x4)	AC100-277	30-50	3000-5000	100	>80	3000/3500/4000/5000	>0.9	V4.1 Standard
			24-48	3000-6000	125				V4.1 Premium

CCT Tunable Edge Lit LED Panel



FEATURES

SUSPENDING KIT:

Surface mounted frame

Pendant mounted wire rope



Emergency backup



LED T8



UL/DLC By Pass LED T8 (Type B)

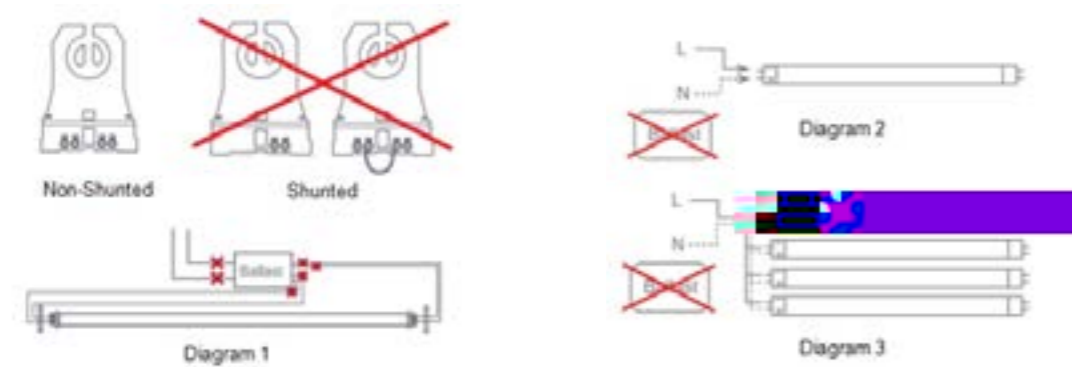
G13 Caps AC100-277V 270° IP20



FEATURES

- Built-in universal voltage driver, by pass installation.
- Exceptional lighting efficiency up to 130lm/W, perfect replacement of the traditional fluorescent tube.
- Wide beam design 270 degree wide viewing.
- End-to-end lighting with no dark spots.

INSTALLATION INSTRUCTION



PERFORMANCE

Model No.	Length(ft)	Input Voltage Range(V)	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	Color Rendering Index (CRI)	Color Temperature (CCT)	Power Factor	DLC
NS-T8-2H9-XW	2	AC100-277	9	990	110	>80	3000/3500/4000/5000	>0.9	V4.1
NS-T8-3H15-XW	3	AC100-277	15	1500	100	>80	3000/3500/4000/5000	>0.9	/
NS-T8-4H15-XW	4	AC100-277	15	1800	120	>80	3000/3500/4000/5000	>0.9	V4.1
NS-T8-4H18-XW-H	4	AC100-277	18	2200	120	>80	3000/3500/4000/5000	>0.9	V4.1
NS-T8-5H20-XW	5	AC100-277	20	2600	130	>80	3000/3500/4000/5000	>0.9	/



UL/DLC Direct Fit LED T8 (Type A)

G13 Caps AC100-277V 270° IP20



FEATURES

- Compatible with more than 200 kinds of normal electronic instant start ballasts, no rewiring.
- Exceptional lighting efficiency up to 150lm/W, perfect replacement of the traditional fluorescent tube.
- Wide beam design 270 degree wide viewing.
- End-to-end lighting with no dark spots . ModQ



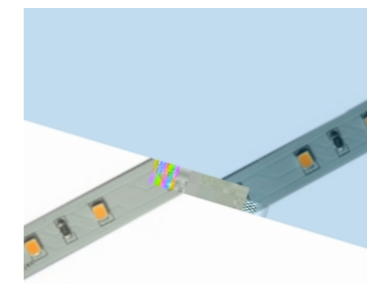
LED Strip

LED STRIP NEW DESIGN STRIP



High efficacy 160lm/W LED Flex Strips

E fficiency is as high as 160lm/W
PCB width 0.39inch, DC 24V
64LED/meter, 1.8W/ft, 290lm/ft,
16.4ft/roll, 32ft max. running length
128LED/meter, 3.5W/ft, 560lm/ft,
16.4ft/roll, 32ft max. running length



CRI 95 LED Flex Strips

CRI is as high as 95
PCB width 0.31/0.39inch, DC 24V
18LED/ft, 1.5W/ft, 125lm/ft,
16.4ft/roll, 16.4ft max. running length
36LED/ft, 3.7W/ft, 305lm/ft,
16.4ft/roll, 16.4ft max. running length



RGBW LED Flex Strips

With 4 in 1 RGBW LED, multi colors
(red, green, blue, white)
PCB width 0.47inch, DC 24V
18LED/ft, 5.7W/ft, R 30lm/ft,
G 52lm/ft, B 14lm/ft, W 110lm/ft
16.4ft/roll, 16.4ft max. running length



CCT Tunable LED Flex Strips

Strips can be used with controller to
change the color temperature
CCT from 2700 to 6000K
PCB width 0.39inch, DC 24V
72LED/ft, 1.8W/ft, CW 183lm/ft,
WW 152lm/ft, 16.4ft/roll, 16.4ft max.
running length
72LED/ft, 3.7W/ft, CW 335lm/ft,
WW 293lm/ft, 10ft/roll, 10ft max.
running length



Bendable LED Flex Strips

Strips can be bended more than 90°
PCB width 0.24inch, DC 24V
18LED/ft, 1.2W/ft, 128lm/ft
16.4ft/roll, 16.4ft max. running length


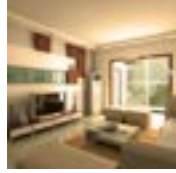

LED STRIP

NON-WATERPROOF LED STRIP

FEATURES

- High brightness SMD
- Strips can be cut every 5cm/10cm and reconnect
- Variety of optional colors and accessories
- Standard PCB color: White
- CRI 80/90
- 3M adhesive backing
- Suitable for dry locations



18pcs 2835 LED 1.2W per ft	18pcs 2835 LED 1.5W per ft	18pcs 2835 LED 3.7W per ft	36pcs 2835 LED 3.7W per ft	36pcs 2835 LED 7.3W per ft	72pcs 2835 LED 6.1W per ft	18pcs 5050RGB LED 5.7W per ft
<ul style="list-style-type: none"> · 10ft max. running length · 159LM/ft · PCB width 0.19inch · DC 24V input 	<ul style="list-style-type: none"> · 16.4ft max. running length · 159LM/ft · PCB width 0.39inch · DC 24V input 	<ul style="list-style-type: none"> · 16.4ft max. running length · 305LM/ft · PCB width 0.39inch · DC 24V input 	<ul style="list-style-type: none"> · 16.4ft max. running length · 335LM/ft · PCB width 0.39inch · DC 24V input 	<ul style="list-style-type: none"> · 10ft max. running length · 640LM/ft · PCB width 0.39inch · DC 24V input 	<ul style="list-style-type: none"> · 10ft max. running length · 610LM/ft · PCB width 0.47inch · DC 24V input 	<ul style="list-style-type: none"> · 16.4ft max. running length · R: 38LM/ft G:92LM/ft B: 19LM/ft W:127LM/ft · PCB Width: 0.39inch · DC 24V input
 <p>COOL WHITE NS-FA3528CW18-24-4.8</p>	<p>COOL WHITE NS-FA3528CW18-24</p>	<p>COOL WHITE NS-FA3528CW18-24-B</p>	<p>COOL WHITE NS-FA3528CW36-24</p>	<p>COOL WHITE NS-FA3528CW36-24-UB</p>	<p>COOL WHITE NS-FA3528CW72-24</p>	<p>NS-FA5050RGB18-24</p>
 <p>NEUTRAL WHITE NS-FA3528NW18-24-4.8</p>	<p>NEUTRAL WHITE NS-FA3528NW18-24</p>	<p>NEUTRAL WHITE NS-FA3528NW18-24-B</p>	<p>NEUTRAL WHITE NS-FA3528NW36-24</p>	<p>NEUTRAL WHITE NS-FA3528NW36-24-UB</p>	<p>NEUTRAL WHITE NS-FA3528NW72-24</p>	<p>18pcs 3528 LED1.2W per ft</p>
 <p>WARM WHITE NS-FA3528WW18-24-4.8</p>	<p>WARM WHITE NS-FA3528WW18-24</p>	<p>WARM WHITE NS-FA3528WW18-24-B</p>	<p>WARM WHITE NS-FA3528WW36-24</p>	<p>WARM WHITE NS-FA3528WW36-24-UB</p>	<p>WARM WHITE NS-FA3528WW72-24</p>	<ul style="list-style-type: none"> · 16.4ft max. running length · R: 34LM/ft Y: 30LM/ft G:67LM/ft B: 18LM/ft · PCB Width: 0.39inch · DC 24V input <p>NS-FA3528R18-24 NS-FA3528Y18-24 NS-FA3528G18-24 NS-FA3528B18-24</p>

Easy Installation in Anywhere



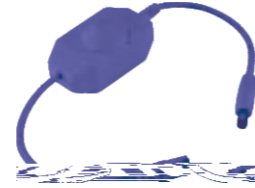
Easy Installation in Anywhere



Accessories for Non-waterproof Single Color LED Strip

LED Strip In Line Dimmer

- 0-100% Dimming
- Can only be used in DC12/24V
- For indoor use only



Power Feed

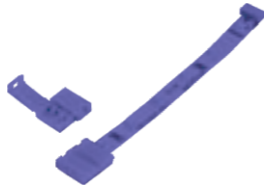
- Connects strips to power supply



Single Color Connectors

Inline Splice

- Connects 2 sections of the strips together



Interconnect Cable

- Connects 2 sections of the strips together



3-Way Connector

- Connects 3 sections of the strips together
- One input, two outputs
- Ideal for making "T" & "Y" connections



4-Way Connector

- Connects 4 sections of the strips together
- One input, three outputs



Accessories for Non-waterproof RGB LED Strip

RGB Controller

- Must be used with RGB LED strips
- With remote controller
- Adjusts speed and brightness
- Connects between power supply and strips



RGB Power Supply Leads

- Connects strips to power supply



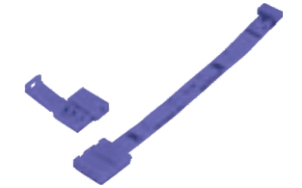
Indoor Power Supply
From 30W to 320W
available



RGB Connectors

Inline Splice

- Connects 2 sections of the strips together



Interconnect Cable

- Connects 2 sections of the strips together



RGB 3-Way Connector

- Connects 3 sections of the strips together
- One input, two outputs
- Ideal for making "T" & "Y" connections



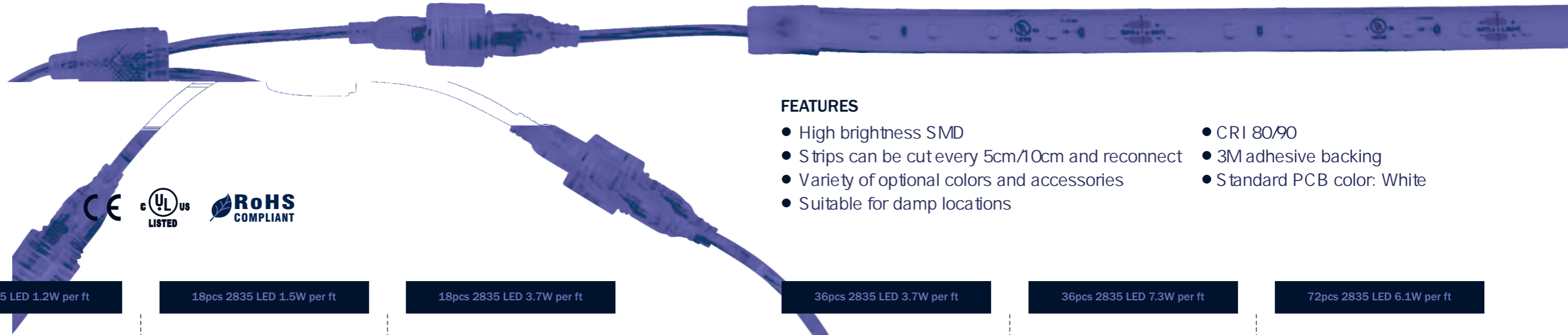
RGB 4-Way Connector

- Connects 4 sections of the strips together
- One input, three outputs



LED STRIP

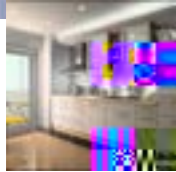
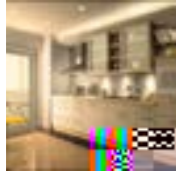

IP54 WATERPROOF LED STRIP



FEATURES

- High brightness SMD
- Strips can be cut every 5cm/10cm and reconnect
- Variety of optional colors and accessories
- Suitable for damp locations
- CRI 80/90
- 3M adhesive backing
- Standard PCB color: White

<p>18pcs 2835 LED 1.2W per ft</p> <ul style="list-style-type: none"> • 10ft max. running length • 151LM/ft • PCB width 0.19inch • DC 24V input 	<p>18pcs 2835 LED 1.5W per ft</p> <ul style="list-style-type: none"> • 16.4ft max. running length • 151LM/ft • PCB width 0.39inch • DC 24V input 	<p>18pcs 2835 LED 3.7W per ft</p> <ul style="list-style-type: none"> • 16.4ft max. running length • 290LM/ft • PCB width 0.39inch • DC 24V input 	<p>36pcs 2835 LED 3.7W per ft</p> <ul style="list-style-type: none"> • 16.4ft max. running length • 318LM/ft • PCB width 0.39inch • DC 24V input 	<p>36pcs 2835 LED 7.3W per ft</p> <ul style="list-style-type: none"> • 10ft max. running length • 608LM/ft • PCB width 0.39inch • DC 24V input 	<p>72pcs 2835 LED 6.1W per ft</p> <ul style="list-style-type: none"> • 10ft max. running length • 580LM/ft • PCB width 0.47inch • DC 24V input
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 <p>COOL WHITE NS-FD3528CW18-24-4.8</p>	<p>COOL WHITE NS-FD3528CW18-24</p>	<p>COOL WHITE NS-FD3528CW18-24-B</p>	<p>COOL WHITE NS-FD3528CW36-24</p>	<p>COOL WHITE NS-FD3528CW36-24-UB</p>	<p>COOL WHITE</p>
 <p>NEUTRAL WHITE NS-FD3528NW18-24-4.8</p>	<p>NEUTRAL WHITE NS-FD3528NW18-24</p>	<p>NEUTRAL WHITE NS-FD3528NW18-24-B</p>	<p>NEUTRAL WHITE NS-FD3528NW36-24</p>	<p>NEUTRAL WHITE NS-FD3528NW36-24-UB</p>	
 <p>WARM WHITE NS-FD3528WW18-24-4.8</p>	<p>WARM WHITE NS-FD3528WW18-24</p>	<p>WARM WHITE NS-FD3528WW18-24-B</p>	<p>WARM WHITE NS-FD3528WW36-24</p>	<p>WARM WHITE NS-FD3528WW36-24-UB</p>	

Easy Installation in Anywhere



Easy Installation in Anywhere



LED STRIP

IP67 WATERPROOF LED STRIP



FEATURES

- High brightness SMD
- Strips can be cut every 5cm/10cm and reconnect
- Variety of optional colors and accessories
- Suitable for wet locations
- CRI 80/90
- 3M adhesive backing
- Standard PCB color: White

18pcs 2835 LED 1.2W per ft	18pcs 2835 LED 1.5W per ft	18pcs 2835 LED 3.7W per ft	36pcs 2835 LED 3.7W per ft	36pcs 2835 LED 7.3W per ft	72pcs 2835 LED 6.1W per ft
<ul style="list-style-type: none"> · 10ft max. running length · 151LM/ft · PCB width 0.19inch · DC 24V input 	<ul style="list-style-type: none"> · 16.4ft max. running length · 151LM/ft · PCB width 0.31inch · DC 24V input 	<ul style="list-style-type: none"> · 16.4ft max. running length · 290LM/ft · PCB width 0.39inch · DC 24V input 	<ul style="list-style-type: none"> · 16.4ft max. running length · 318LM/ft · PCB width 0.31inch · DC 24V input 	<ul style="list-style-type: none"> · 10ft max. running length · 608LM/ft · PCB width 0.39inch · DC 24V input 	<ul style="list-style-type: none"> · 10ft max. running length · 580LM/ft · PCB width 0.47inch · DC 24V input
 <p>COOL WHITE NS-FC3528CW18-24-4.8</p>	<p>COOL WHITE NS-FC3528CW18-24</p>	<p>COOL WHITE NS-FC3528CW18-24-B</p>	<p>COOL WHITE NS-FC3528CW36-24</p>	<p>COOL WHITE NS-FC3528CW36-24-UB</p>	<p>COOL WHITE NS-FC3528CW72-24</p>
 <p>NEUTRAL WHITE NS-FC3528NW18-24-4.8</p>	<p>NEUTRAL WHITE NS-FC3528NW18-24</p>	<p>NEUTRAL WHITE NS-FC3528NW18-24-B</p>	<p>NEUTRAL WHITE NS-FC3528NW36-24</p>	<p>NEUTRAL WHITE NS-FC3528NW36-24-UB</p>	<p>NEUTRAL WHITE NS-FC3528NW72-24</p>
 <p>WARM WHITE NS-FC3528WW18-24-4.8</p>	<p>WARM WHITE NS-FC3528WW18-24</p>	<p>WARM WHITE NS-FC3528WW18-24-B</p>	<p>WARM WHITE NS-FC3528WW36-24</p>	<p>WARM WHITE NS-FC3528WW36-24-UB</p>	<p>WARM WHITE NS-FC3528WW72-24</p>

Easy Installation in Anywhere



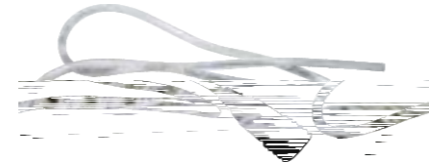
Easy Installation in Anywhere



Accessories for Waterproof Single Color LED Strip

Power Feed

- Connects strips to power supply



Single Color Connectors

Interconnect Cable

- Connects 2 sections of the strips together



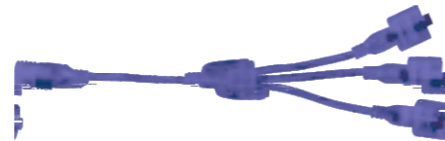
3-Way Connector

- Connects 3 sections of the strips together
- One input, two outputs
- Ideal for making "T" & "Y" connections



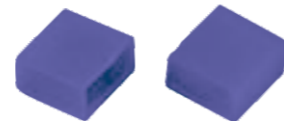
4-Way Connector

- Connects 4 sections of the strips together
- One input, three outputs



End Cap

- Terminal for the strips



Silicone

- Silicone glue for the end cap



Clips

- Fix the strips on the surface



Accessories for Waterproof RGB LED Strip

RGB Power Supply Leads

- Connects strips to power supply



RGB Connectors

Interconnect Cable

- Connects 2 sections of the strips together



RGB 3-Way Connector

- Connects 3 sections of the strips together
- One input, two outputs
- Ideal for making "T" & "Y" connections



RGB 4-Way Connector

- Connects 4 sections of the strips together
- One input, three outputs



Power Supply

- Outdoor Power Supply



LED MODULE



FEATURES

- PCB kinds: FR4,CEM,AL
- LED type:2835,4014,5050,3030,RGB,3535 high power
- Input 12v/24v/350mA 700mA,1000mA and etc
- Lumen output: 90LMW to 200LMW
- Connector: as customer request
- Typical Applications: Office lighting, Retail, corridor and shelf lighting
- We offer OEM & ODM service

