

Feb.2018

STOCK CODE: 002449



NATIONSTAR
—SINCE 1969—

LED LIGHTING

Catalogue-Europe

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2018

NATIONSTAR, LIGHTING UP THE WORLD

NATIONSTAR Worldwide






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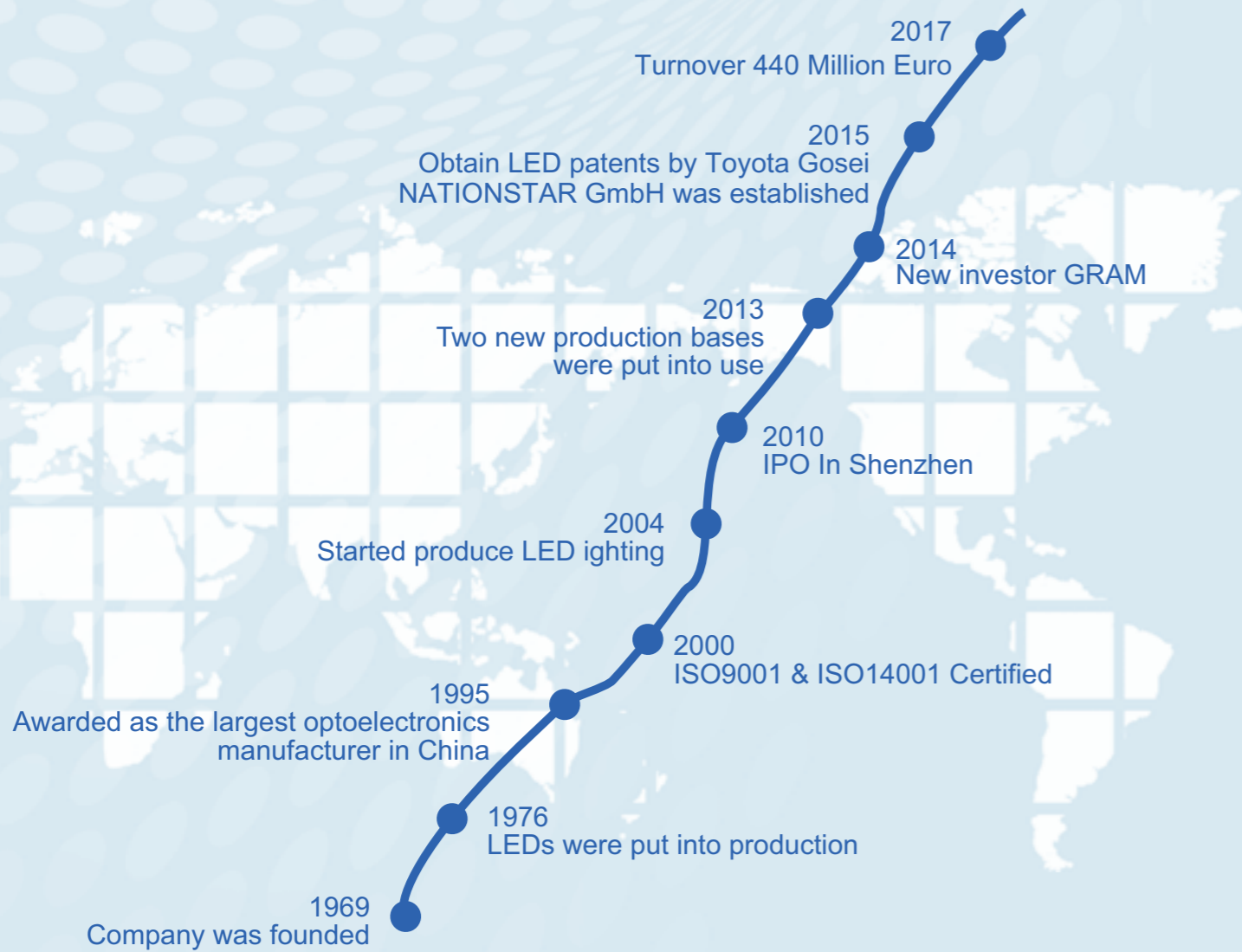
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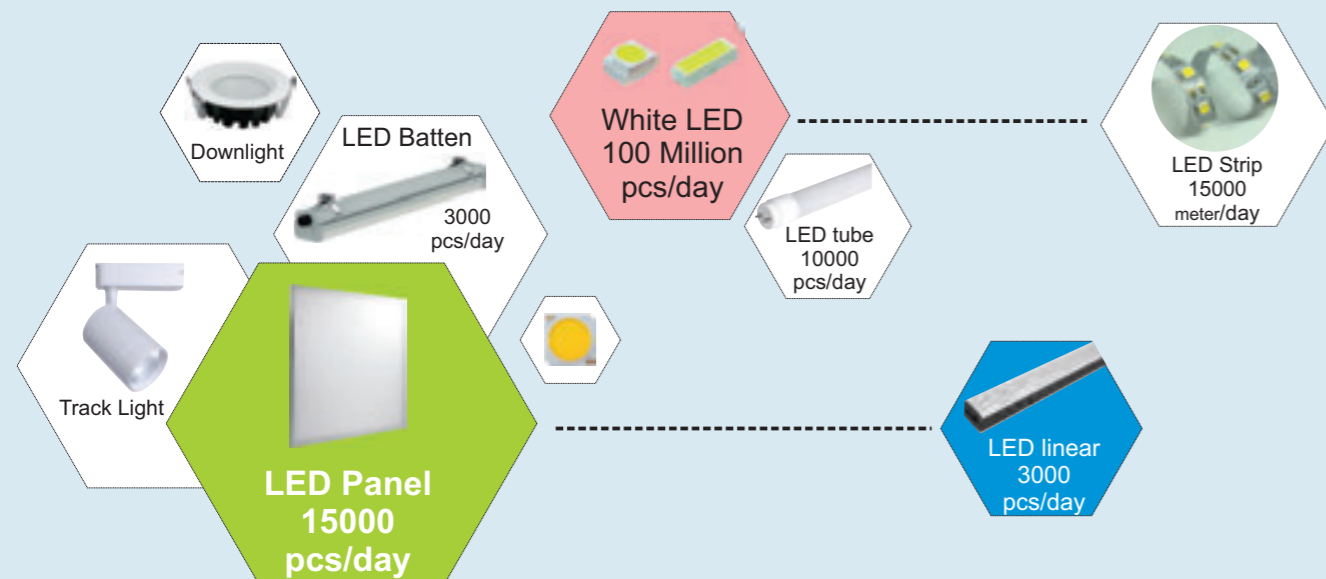
05 LED PCBA

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01 MILESTONE



02 PRODUCTION CAPACITY



03 BRIEF INTRODUCTION

Foshan NATIONSTAR Optoelectronics Co.,Ltd has been specializing in LED industry for over 30 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.



The Northern Area of
The Headquarter

Land area: 26,000 sqm.
Plant for LED components and devices

The Southern Area of
The Headquarter

Land area: 34,600 sqm.
Production for LED and lighting products
Production capacity of LEDs: 4,000KK per month



Foshan NATIONSTAR
Semiconductor Co.,Ltd.

Land area: 32,000 sqm.
The production base of GaN LED chips for lighting



04 INDUSTRIAL CHAIN



Chip



LED



Lighting



Office Lighting

AC230V

120°

IP20

No Flicker
Optional0-10V
OptionalDALI
OptionalMotion Sensor
Available

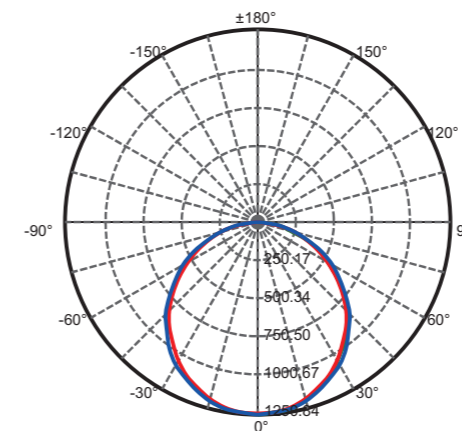
LED Panel Premium Version



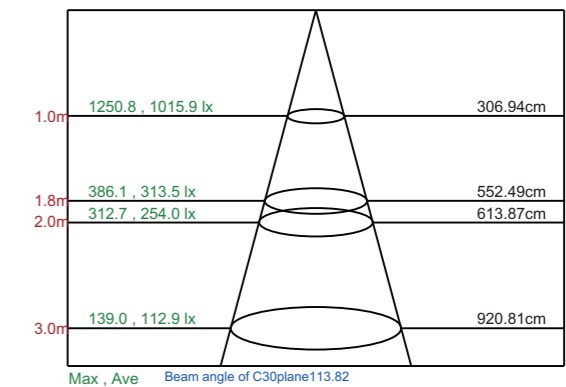
FEATURES

- Premium Panel: 130LM/W , AC230V;
- Size: 60*60, 62*62cm;
- White frame with step;
- Option: UGR 19/22 available, Emergency kit;
- Driver: Flicker, Flicker Free, DALI, 0-10V.

28W 3640Lm Photometric



28W 3640Lm Luminance



TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**Efficiency (lm/W)	**Lumen (lm)	Standard CCT (K)	CRI (Ra)
NS-PLS-6060	602836	595×595×9.5	700	28	130	3640	3000/4000/6500	>80
	603645	595×595×9.5	900	36	125	4500	3000/4000/6500	>80
	603642U	595×595×9.5	900	36	117	4212	3000/4000/6500	>80
NS-PLS-6262	622836	620×620×9.5	700	28	130	3640	3000/4000/6500	>80
	623645	620×620×9.5	900	36	125	4500	3000/4000/6500	>80
	623642U	620×620×9.5	900	36	117	4212	3000/4000/6500	>80

** Efficiency: It's for panel system, included driver consumption.

** Lumen & Wattage: Type value with +/-10% tolerance.



LED Panel Standard Version



FEATURES

- Standard Panel: 100LM/W , AC230V;
- Size: 60*60, 62*62, 30*120,60*120, 30*150cm;
- White frame, Flat surface, No gap on the corner;
- Option: UGR 19/22 available, Emergency kit;
- Driver: Flicker, Flicker Free, DALI, 0-10V.



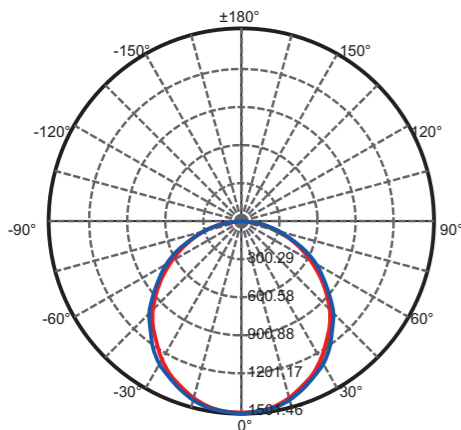
LED Panel Eco Version



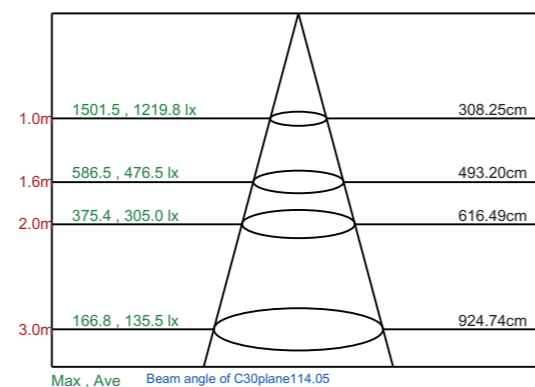
FEATURES

- ECO Panel: 90LM/W , AC230V;
- Size: 60*60, 62*62cm;
- White frame, Flat surface, No gap on the corner;
- Option: UGR 19/22 available, Emergency kit;
- Driver: Flicker, Flicker Free, DALI, 0-10V.

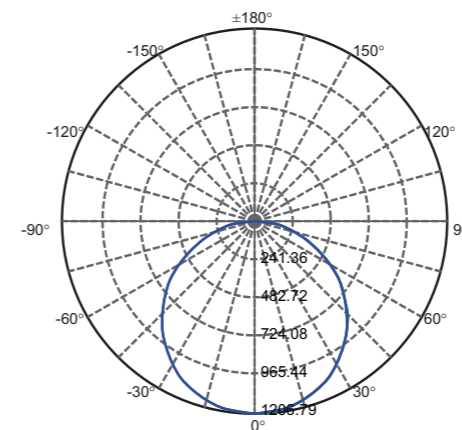
40W 4000Lm Photometric



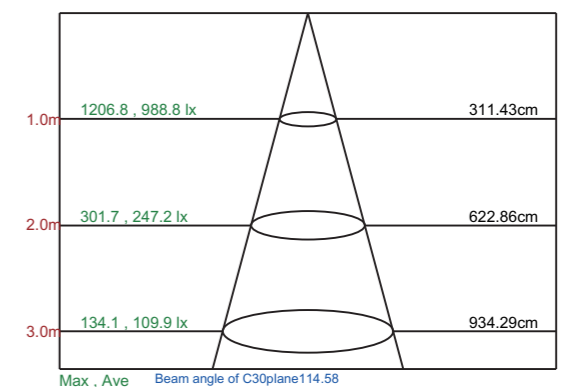
40W 4000Lm Luminance



40W 3600Lm Photometric



40W 3600Lm Luminance



TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**Efficiency (lm/W)	**Lumen (lm)	Standard CCT (K)	CRI (Ra)
NS-PLS-6060	604040	595×595×8.5	1000	40	100	4000	3000/4000/6500	>80
	604038U	595×595×8.5	1000	40	95	3800	3000/4000/6500	>80
NS-PLS-6262	624040	620×620×8.5	1000	40	100	4000	3000/4000/6500	>80
	624038U	620×620×8.5	1000	40	95	3800	3000/4000/6500	>80
NS-PLS-30120	314036	295×1195×8.5	1000	40	90	3600	3000/4000/6500	>80
NS-PLS-30150	314843	295×1495×8.5	1200	48	90	4320	3000/4000/6500	>80
NS-PLS-60120	617272	595×1195×8.5	1850	72	100	7200	3000/4000/6500	>80

** Efficiency: It's for panel system, included driver consumption.

** Lumen&Wattage: Type value with +/-10% tolerance.

TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**Efficiency (lm/W)	**Lumen (lm)	Standard CCT (K)	CRI (Ra)
NS-PLS-6060	604036	595×595×8.5	1000	40	90	3600	3000/4000/6500	>80
	604034U	595×595×8.5	1000	40	85	3400	3000/4000/6500	>80
NS-PLS-6262	624036	620×620×8.5	1000	40	90	3600	3000/4000/6500	>80
	624034U	620×620×8.5	1000	40	85	3400	3000/4000/6500	>80

** Efficiency: It's for panel system, included driver consumption.

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Panel Basic Version

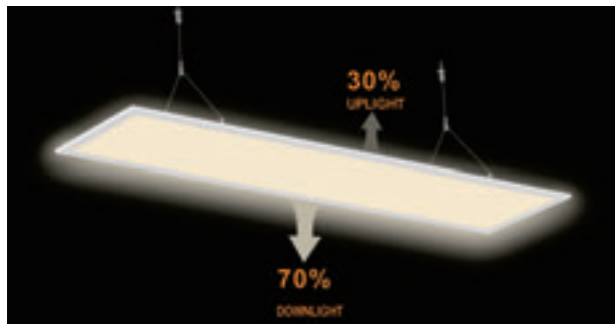


FEATURES

- Basic Panel: 70/80LM/W , AC230V;
- Size: 30*30, 60*60cm;
- White frame with step.

TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**Efficiency (lm/W)	**Lumen (lm)	Standard CCT (K)	CRI (Ra)
NS-PLS-3030	301611	300×300×7.5	400	16	70	1120	3000/4000/6500	>80
NS-PLS-6060	604032	595×595×7.5	1000	40	80	3200	3000/4000/6500	>80



LED Panel Up/Down Panel



FEATURES

- Up/down lighting: 90LM/W , AC230V;
- Size: 30*120cm;
- White frame, Flat surface, No gap on the corner.

TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**Efficiency (lm/W)	**Lumen (lm)	Standard CCT (K)	CRI (Ra)
NS-PLS-30120	314036UD	295×1195×11.8	1000	40	90	3600	3000/4000/6500	>80

** Efficiency: It's for panel system, included driver consumption.

** Lumen&Wattage: Type value with +/-10% tolerance.

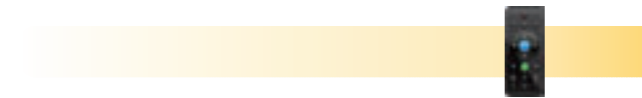


LED Panel CCT Adjustable



FEATURES

- 2.4G RF Wireless Control , AC230V;
- Step/Continue Dimmable And;
- Color-Temp Adjusting Timing On/Off;
- CE,Rohs Approved.



TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**Efficiency (lm/W)	**Lumen (lm)	Standard CCT (K)	CRI (Ra)
NS-PLS-6060	604238CCTA	595×595×8.5	1050	42	90	3800	3000-6500	>80

Installation Instruction

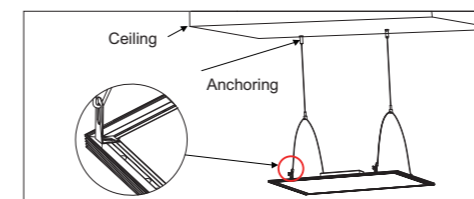
Optional Accessories



Suspension Kit

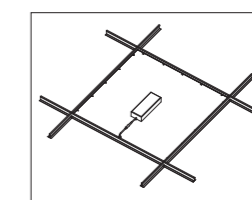
Mounted Frame

01 Suspending



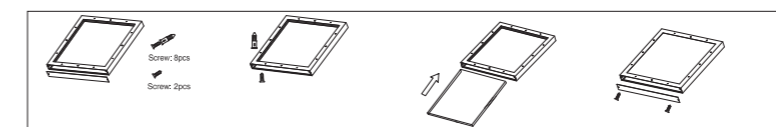
Make the hanging wires through the holes on fittings. Fix the anchoring onto the ceiling.

02 N-built



Clear the keel and connect AC end with user AC end. Install the lamp into the keel as illustrated.

03 Mounting



Remove the roll top from mounting frame, fix the frame onto the ceiling with anchorings. Insert the lamp into the frame and then put the roll top back, fixed with screws.



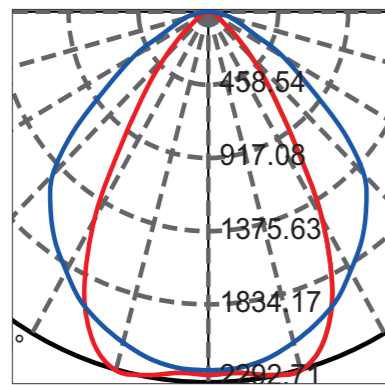
Pendant Linear



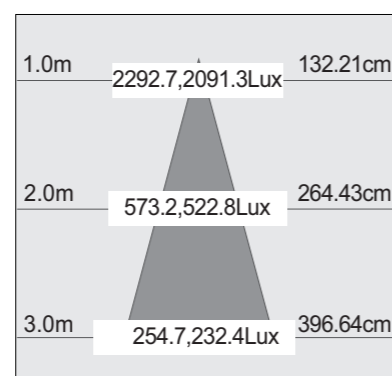
FEATURES

- Ultra bright SMD LED , AC230V;
- Design of optical module lens to control light distribution various beam angles;
- Built-in efficient constant current driver power supply;
- Replacement for the traditional tube linear light;
- Application: office, school.

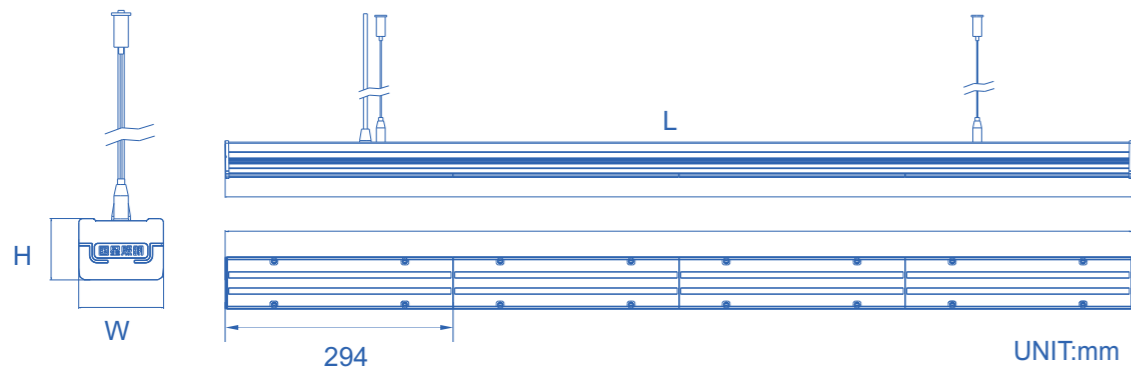
36W 3600Lm Photometric



36W 3600Lm Luminance



DIMENSIONS



TECHNICAL PARAMETERS

Series	Order number	Dimension(mm)	**Wattage (W)	**Lumen (Lm)	CRI (Ra)	CCT(K)	Angle/ (°)
NS-XCD-4	XCD4B36	L1180×W68×H49	36W	3600Lm	> 80	3000/4000/6000	60°
NS-XCD-5	XCD5B45	L1475×W68×H49	45W	4500Lm	> 80	3000/4000/6000	60°

** Lumen&Wattage: Type value with +/-10% tolerance.



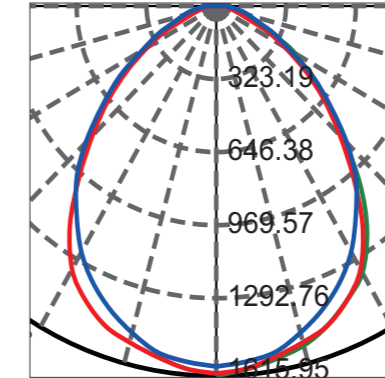
Pendant Linear



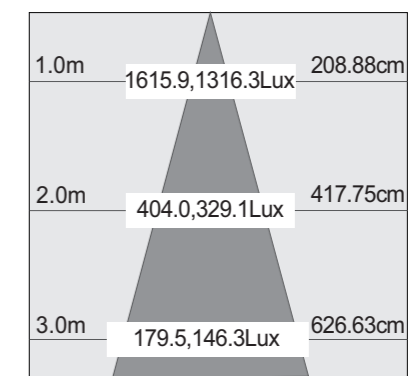
FEATURES

- Ultra bright SMD LED , AC230V;
- Design of optical module lens to control light distribution various beam angles;
- Built-in efficient constant current driver power supply;
- Replacement for the traditional tube linear light;
- Application: office, school.

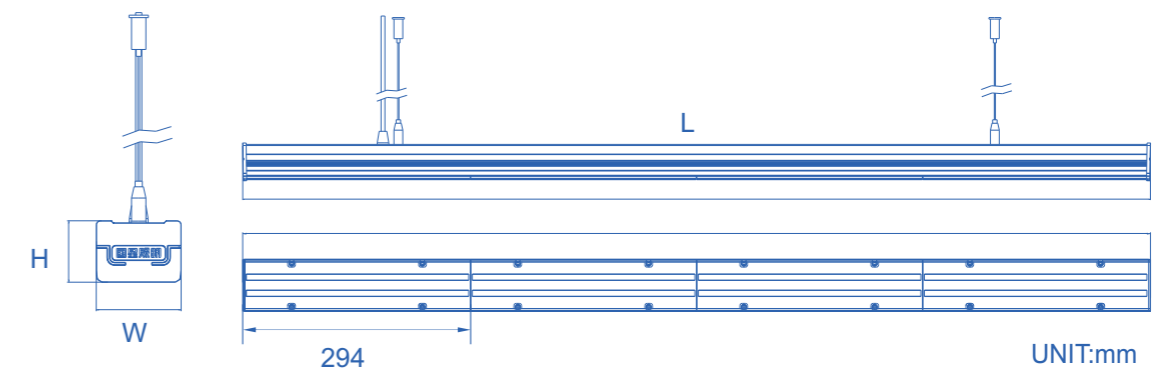
36W 3600Lm Photometric



36W 3600Lm Luminance



DIMENSIONS



TECHNICAL PARAMETERS

Series	Order number	Dimension(mm)	**Wattage (W)	**Lumen (Lm)	CRI (Ra)	CCT(K)	Angle/ (°)
NS-XCD-4	XCD4B36	L1180×W68×H49	36W	3600Lm	> 80	3000/4000/6000	90°
NS-XCD-5	XCD5B45	L1475×W68×H49	45W	4500Lm	> 80	3000/4000/6000	90°

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Tube

T8 Glass

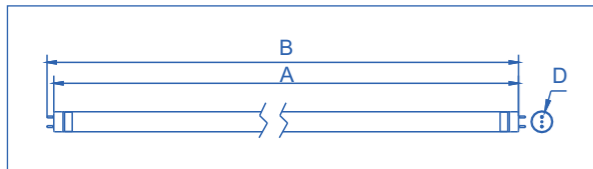


FEATURES

- Glass tube- Larger angle-270°, AC230;
- Built-in high efficiency constant current driver;
- Replacement for T8 and T10 fluorescent tube;
- Working Rated Temperature:-20°C~+40°C;
- Lamps must be approved for use in "open " luminaries;
- Application: office, supermarket, garage.

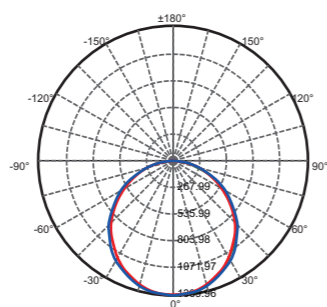
DIMENSIONS

UNIT:mm

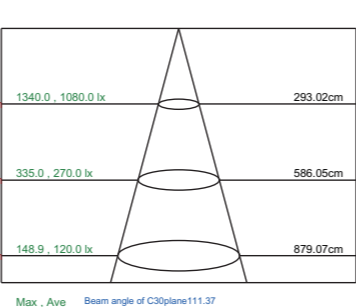


Length	A		B		D
	Max	Min	Max	Max	
0.6m	589.8	594.5	596.9	Ø26	
0.9m	894.6	899.5	901.5	Ø26	
1.2m	1199	1204.5	1206.5	Ø26	
1.5m	1499	1505	1507	Ø26	

18W 1800Lm Photometric

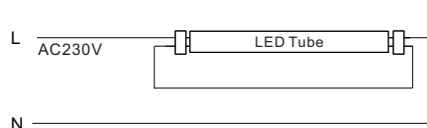


18W 1800Lm Luminance



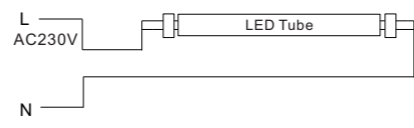
Installation Instruction

Single-end Tube



- Steps:
- * Cut off power supply
 - * Remove ballast and do wiring as per above diagram
 - * Replace fluorescent tube with LED tube

Two-end Tube



- Steps:
- * Cut off power supply
 - * Remove ballast and do wiring as per above diagram
 - * Replace fluorescent tube with LED tube

TECHNICAL PARAMETERS

Series	T8 tube standard (100lm/W +/-10%)			
	Order number	Length/m	**Wattage/w	**Lumen
NS-T8-2H	0609100	0.6	9	900
NS-T8-3H	0915100	0.9	15	1500
NS-T8-4H	1218100	1.2	18	1800
NS-T8-5H	1520100	1.5	20	2000
NS-T8-5H	1528100	1.5	28	2800

Series	Standard Plus (130lm/W +/-10%)			
	Order number	Length/m	**Wattage/w	**Lumen
NS-T8-2H	0609130	0.6	9	1200
NS-T8-3H	0915130	0.9	15	1950
NS-T8-4H	1218130	1.2	18	2340
NS-T8-5H	1520130	1.5	20	2600
NS-T8-5H	1528130	1.5	28	3640

**Lumen&Wattage: Type value with +/-10% tolerance.



Retail Lighting

AC230V

IP20

Ra>90

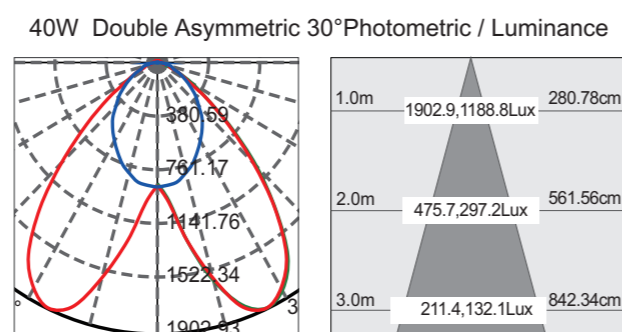
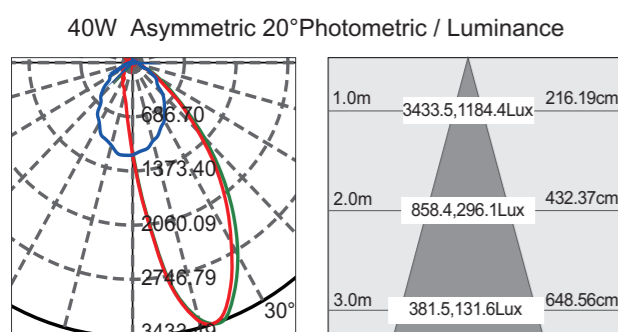


Linear Module For Track System



FEATURES

- LED Lighting Module That Plug into The Track System;
- With Adaptor/Connector For Track, No Need Wiring;
- Ultra bright SMD LED or High Power LED, AC230V;
- Design of optical module lens to control light distribution;
- Built-in efficient constant current driver power supply;
- Application: supermarket, shop.

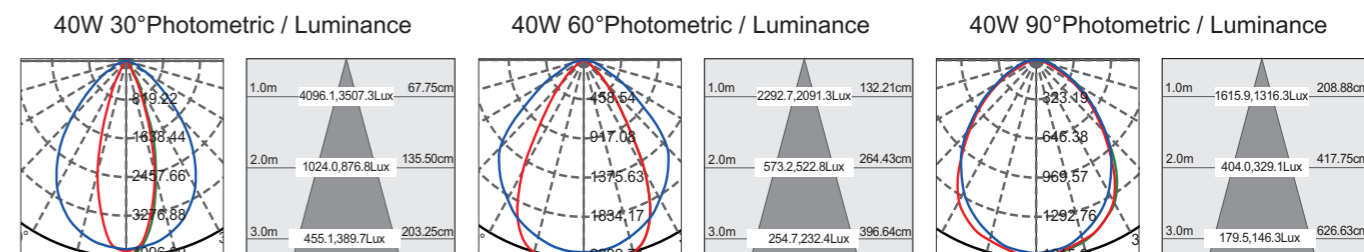


Linear Module For Track System



FEATURES

- LED Lighting Module That Plug into The Track System;
- With Adaptor/Connector For Track, No Need Wiring;
- Ultra bright SMD LED or High Power LED, AC230V;
- Design of optical module lens to control light distribution;
- Built-in efficient constant current driver power supply;
- Application: supermarket, shop.



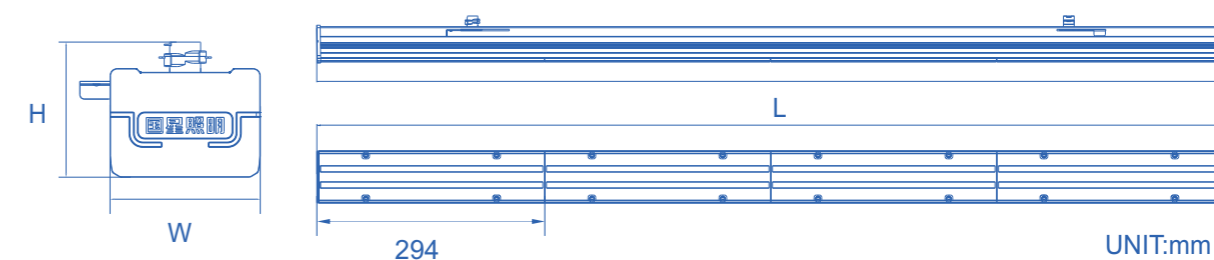
4PINS TRACK



3PINS TRACK



DIMENSIONS



TECHNICAL PARAMETERS

Series	Order number	Dimension(mm)	**Wattage (W)	**Lumen (Lm)	CCT(K)	CRI (Ra)	Angle/ (°)	Installation
NS-XCD-3	XCD3B30	L886×W68×H61	30W	3600Lm	3000/4000/6000	> 90	Asymmetric 20°/ Double Asymmetric 30°	3PINS/4PINS TRACK
NS-XCD-4	XCD4B40	L1180×W68×H61	40W	4800Lm	3000/4000/6000	> 90	Asymmetric 20°/ Double Asymmetric 30°	3PINS/4PINS TRACK
NS-XCD-5	XCD5B50	L1475×W68×H61	50W	6000Lm	3000/4000/6000	> 90	Asymmetric 20°/ Double Asymmetric 30°	3PINS/4PINS TRACK

** Lumen&Wattage: Type value with +/-10% tolerance.

TECHNICAL PARAMETERS

Series	Order number	Dimension(mm)	**Wattage (W)	**Lumen (Lm)	CCT(K)	CRI (Ra)	Angle/ (°)	Installation
NS-XCD-3	XCD3B30	L886×W68×H61	30W	3600Lm	3000/4000/6000	> 90	30°/ 60°/90°	3PINS/4PINS TRACK
NS-XCD-4	XCD4B40	L1180×W68×H61	40W	4800Lm	3000/4000/6000	> 90	30°/ 60°/90°	3PINS/4PINS TRACK
NS-XCD-5	XCD5B50	L1475×W68×H61	50W	6000Lm	3000/4000/6000	> 90	30°/ 60°/90°	3PINS/4PINS TRACK

** Lumen&Wattage: Type value with +/-10% tolerance.

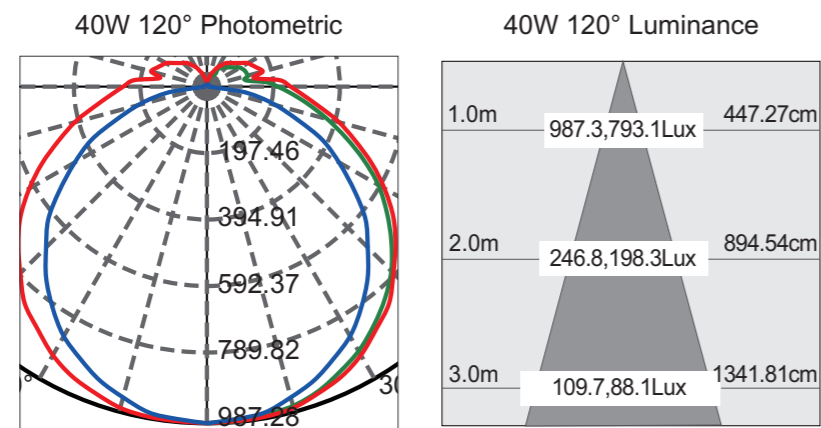


Linear Module For Track System

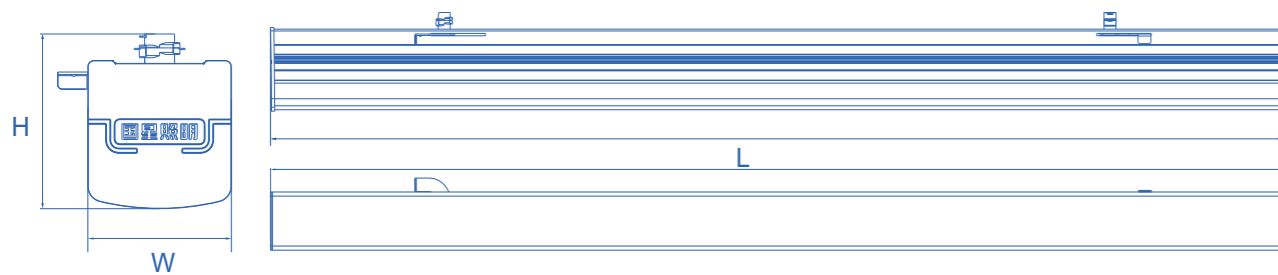


FEATURES

- LED Lighting Module That Plug into The Track System;
- With Adaptor/Connector For Track, No Need Wiring;
- Ultra bright SMD LED or High Power LED, AC230V;
- Design of optical module lens to control light distribution;
- Built-in efficient constant current driver power supply;
- Application: supermarket, shop.



DIMENSIONS



UNIT:mm

TECHNICAL PARAMETERS

Series	Order number	Dimension(mm)	**Wattage (W)	**Lumen (Lm)	CCT(K)	CRI (Ra)	Angle/ (°)	Installation
NS-XCD-3	XCD3C30	L886×W68×H82	30W	3000Lm	3000/4000/6000	> 90	120°	3PINS/4PINS TRACK
NS-XCD-4	XCD4C40	L1180×W68×H82	40W	4000Lm	3000/4000/6000	> 90	120°	3PINS/4PINS TRACK
NS-XCD-5	XCD5C50	L1475×W68×H82	50W	5000Lm	3000/4000/6000	> 90	120°	3PINS/4PINS TRACK

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Linear T5

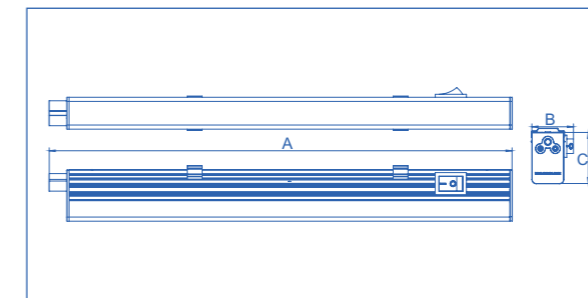


FEATURES

- Ultra bright SMD LED as light source;
- Can be connected with each other with connectors;
- All-plastic holder;
- Application: Supermarket, Shelf, Kitchen.

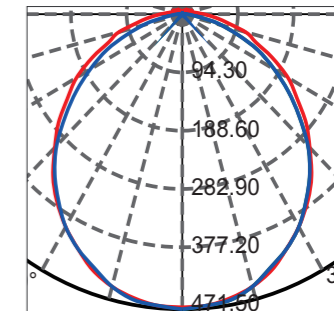
DIMENSIONS

UNIT:mm

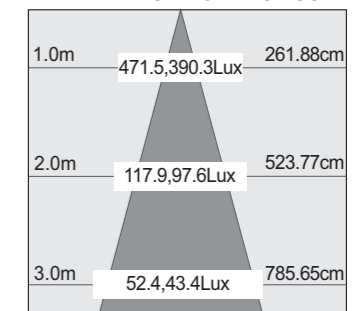


Length	A	B	C
0.3m	273	28	34.5
0.6m	573	28	34.5
0.9m	873	28	34.5
1.2m	1173	28	34.5

14W 120° Photometric



14W 120° Luminance



TECHNICAL PARAMETERS

Series	Order number	Input voltage(V)	**Wattage(W)	**Lumen(Lm)	CCT(K)	CRI(Ra)
NS-T5-1J	T53004	AC 230	4	400	3000/4000/6500	> 80
NS-T5-2J	T56007	AC 230	7	700	3000/4000/6500	> 80
NS-T5-3J	T59010	AC 230	10	1000	3000/4000/6500	> 80
NS-T5-4J	T51214	AC 230	14	1400	3000/4000/6500	> 80

** Lumen&Wattage: Type value with +/-10% tolerance.

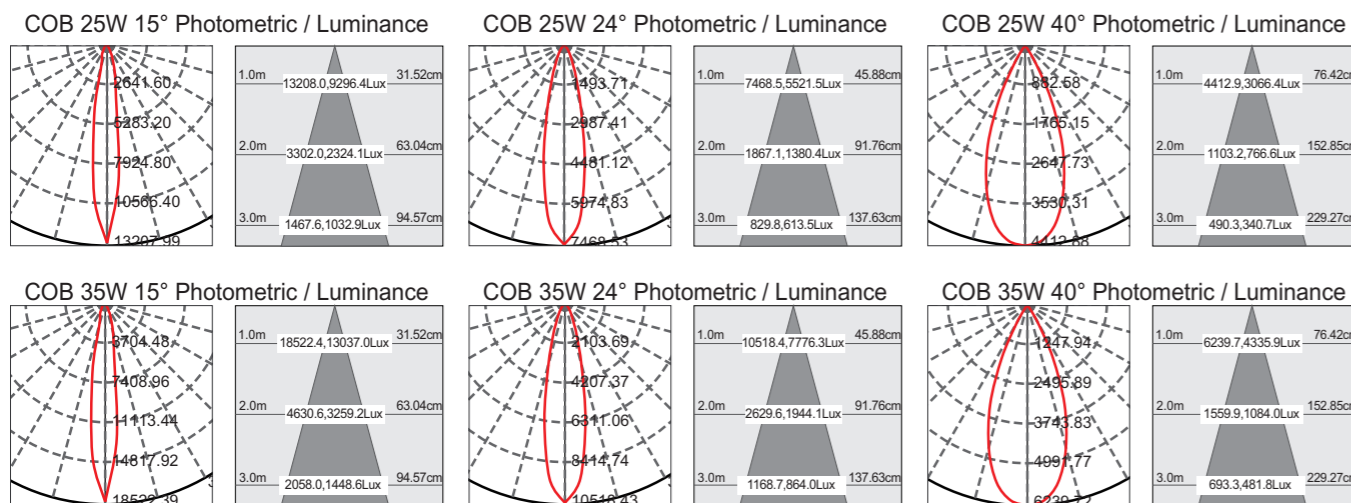


LED Track Light

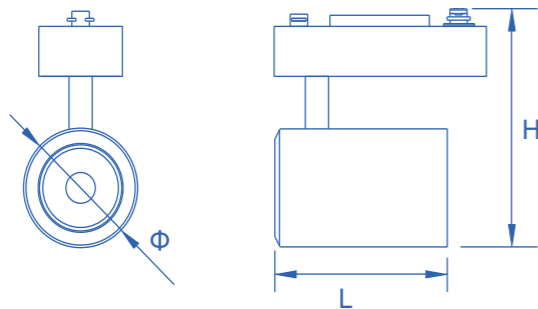


FEATURES

- Ultra bright COB LED, AC230V;
- Die-cast aluminium and extruded aluminium with polyester powder coating, resistant to acid and alkali anti-oxidation, with good heat dissipation;
- Reflector made of high-class imported anodized aluminium, reflection rate up 85%;
- Option of beam angle 15°/24°/40°.



DIMENSIONS



UNIT:mm

TECHNICAL PARAMETERS

Order number	**Wattage(W)	Dimension(mm)	**Lumen (Lm)	CCT(K)	CRI (Ra)	Angle/ (°)	Installation
NS-GDD1-D25	25W	L138×Φ76×H160	1750Lm	3000/4000/6500	> 90	15°/24°/40°	3/4 PINS TRACK
NS-GDD1-D30	30W	L140×Φ86×H160	2100Lm	3000/4000/6500	> 90	15°/24°/40°	3/4 PINS TRACK
NS-GDD1-D35	35W	L140×Φ86×H160	2500Lm	3000/4000/6500	> 90	15°/24°/40°	3/4 PINS TRACK

** Lumen&Wattage: Type value with +/-10% tolerance.

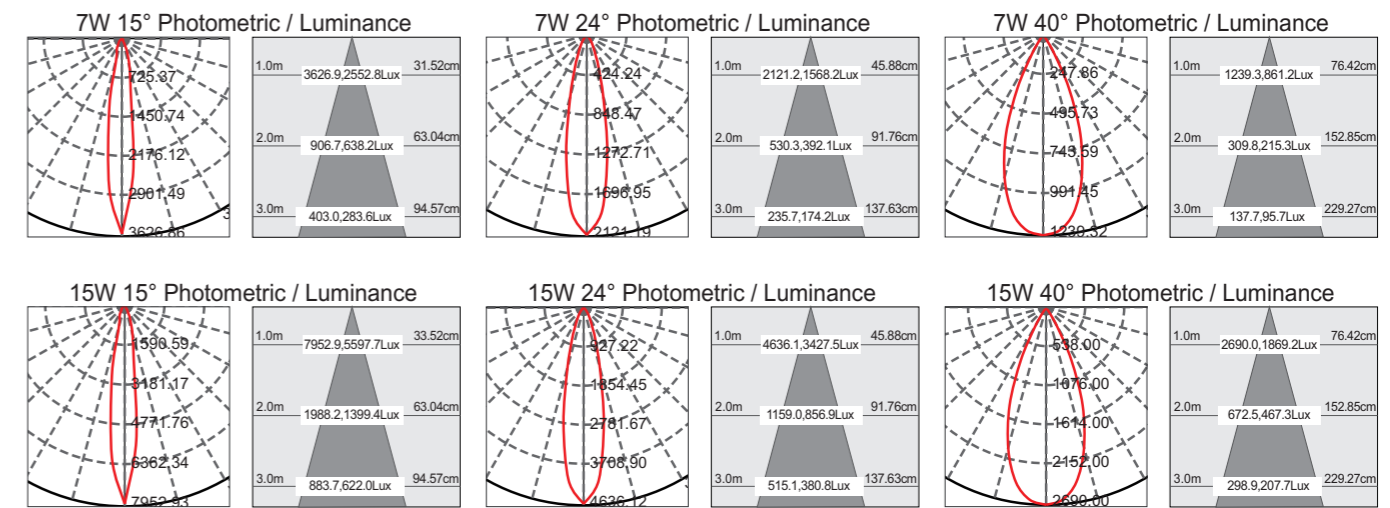


LED Track Light

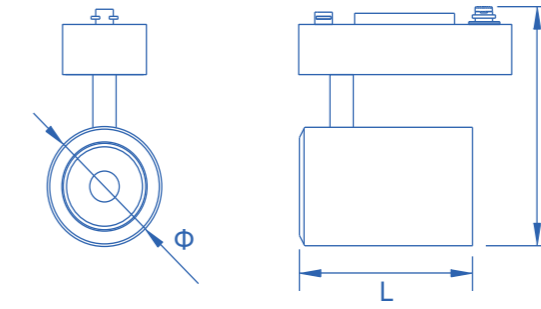


FEATURES

- Ultra bright COB LED, AC230V;
- Die-cast aluminium and extruded aluminium with polyester powder coating, resistant to acid and alkali, anti-oxidation, with good heat dissipation;
- Reflector made of high-class imported anodized aluminium, reflection rate up 85%;
- Option of beam angle 15°/24°/40°.



DIMENSIONS



UNIT:mm

TECHNICAL PARAMETERS

Order number	**Wattage(W)	Dimension(mm)	**Lumen (Lm)	CCT(K)	CRI (Ra)	Angle/ (°)	Installation
NS-GDD1-D7	7W	L96×Φ56×H140	490Lm	3000/4000/6500	> 90	15°/24°/40°	3/4 PINS TRACK
NS-GDD1-D15	15W	L118×Φ76×H148	1050Lm	3000/4000/6500	> 90	15°/24°/40°	3/4 PINS TRACK

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Downlight

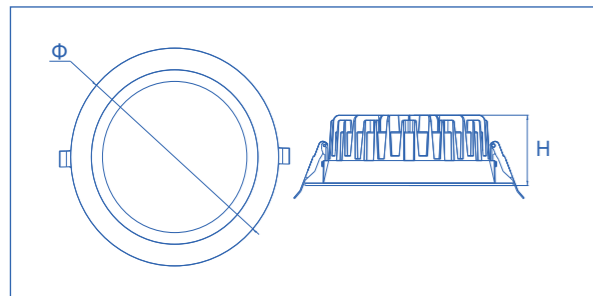


FEATURES

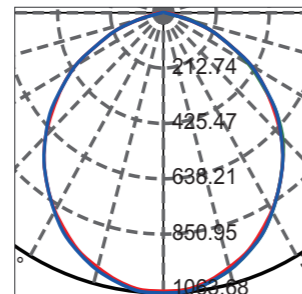
- Low light decay, high efficiency and high brightness SMD LED;
- Body in superior die-cast aluminium with polyester powder coating, non-discolouring;
- External independent regulatory power supply, high electrical efficiency, ensure long usage life.

DIMENSIONS

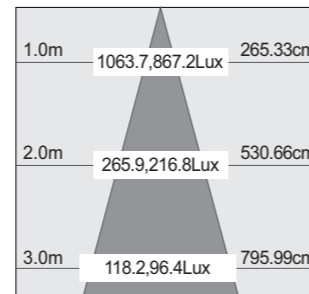
UNIT:mm



30W 100° Photometric



30W 100° Luminance



LED Downlight

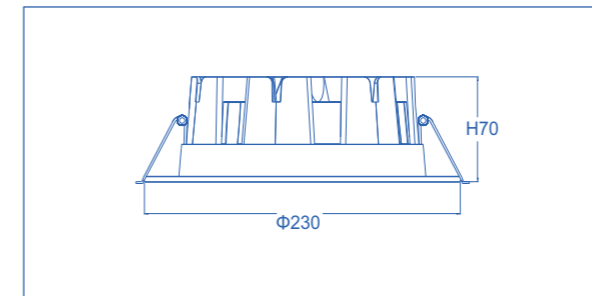


FEATURES

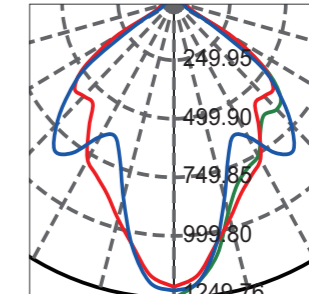
- Low light decay, high efficiency and high brightness COB LED;
- Body in superior die-cast aluminium with polyester powder coating, non-discolouring;
- External independent regulatory power supply, high electrical efficiency, ensure long usage life.

DIMENSIONS

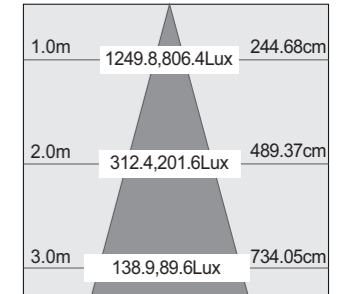
UNIT:mm



30W 70° Photometric



30W 70° Luminance



TECHNICAL PARAMETERS

Order number	Input voltage (V)	**Wattage (W)	Dimension (mm)	Cut-out (mm)	**Lumen (Lm)	CRI (Ra)	CCT(K)
NS-TD4-H10	AC230	10	Ø146×H53	Ø125	900	> 80	3000/4000/6500
NS-TD6-H15	AC230	15	Ø190×H63	Ø175	1350	> 80	3000/4000/6500
NS-TD6-H20	AC230	20	Ø190×H63	Ø175	1800	> 80	3000/4000/6500
NS-TD8-H20	AC230	20	Ø220×H71	Ø200	1800	> 80	3000/4000/6500
NS-TD8-H30	AC230	30	Ø220×H71	Ø200	2700	> 80	3000/4000/6500

** Lumen&Wattage: Type value with +/-10% tolerance.


TECHNICAL PARAMETERS

Order number	Input voltage (V)	**Wattage (W)	Dimension (mm)	Cut-out (mm)	**Lumen (Lm)	CRI (Ra)	CCT(K)
NS-TD2.5-H5D	AC230	5	Ø100×H45	Ø70	400	> 80	3000/4000/6500
NS-TD3-H10D	AC230	10	Ø106×H50	Ø80	800	> 80	3000/4000/6500
NS-TD4-H15D	AC230	15	Ø143×H55	Ø125	1200	> 80	3000/4000/6500
NS-TD6-H20D	AC230	20	Ø190×H55	Ø160	1600	> 80	3000/4000/6500
NS-TD8-H30D	AC230	30	Ø230×H70	Ø190	2250	> 80	3000/4000/6500

** Lumen&Wattage: Type value with +/-10% tolerance.



Industrial Lighting

AC230V  IP65

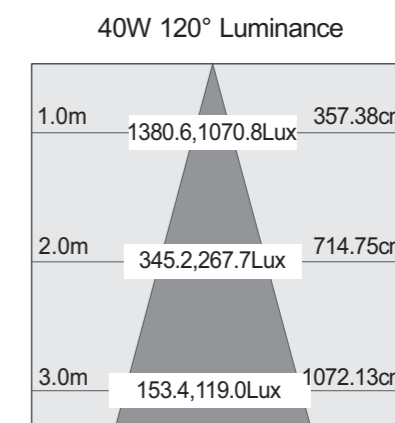
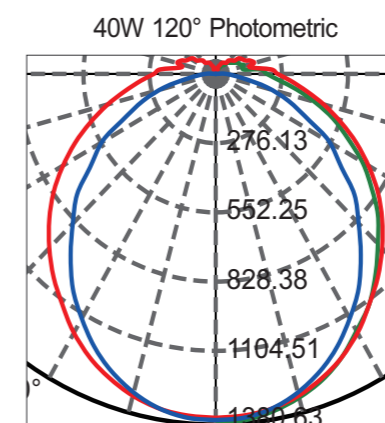


LED Batten IP65 (On/Off Version)



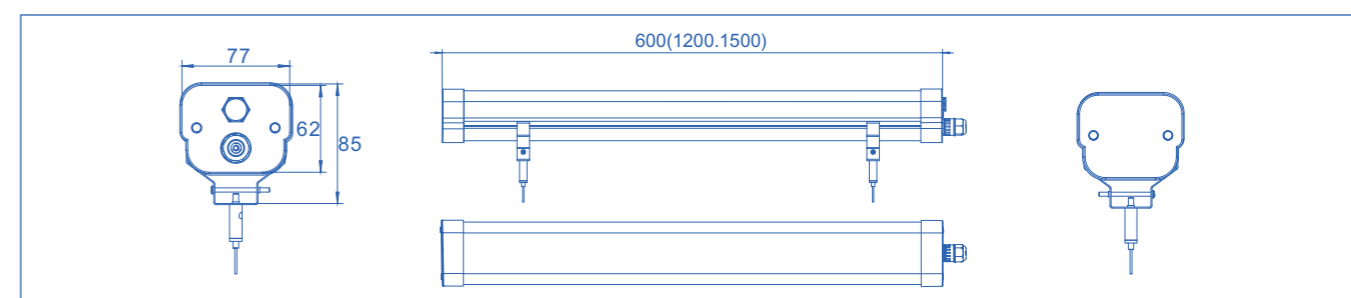
FEATURES

- Design-oriented, plastic opal diffuser;
- Impact protection: IK08;
- Replacement for fluorescent lamp;
- Microwave-sensor/DALI dimming/emergency;
- IP65 Fixture;
- Application: garage, basement, corridor.



DIMENSIONS

UNIT:mm



TECHNICAL PARAMETERS

Series	Order number	Input voltage(V)	**Wattage(W)	Dimension (mm)	**Lumen(Lm)	CCT(K)
NS-TPL-2A30	TPL0630	AC 230	30	600×77×62	3000	3000/4000/6500
NS-TPL-4A40	TPL1240	AC 230	40	1200×77×62	4000	3000/4000/6500
NS-TPL-5A60	TPL1560	AC 230	60	1500×77×62	6000	3000/4000/6500

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Batten IP65 (Multi-Connection Version)



FEATURES

- Design-oriented, plastic opal diffuser;
- Impact protection: IK08;
- Replacement for fluorescent lamp;
- Microwave-sensor/DALI dimming/emergency;
- IP65 Fixture;
- Application: garage, basement, corridor.



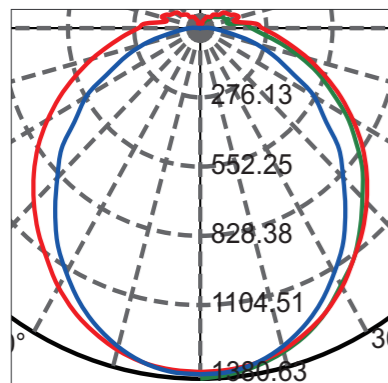
LED Panel IP54



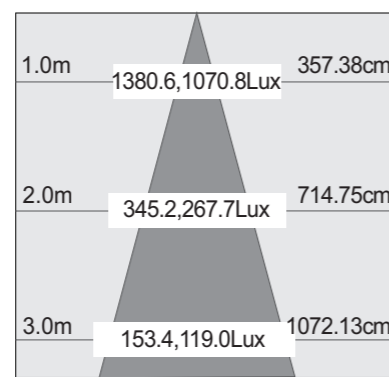
FEATURES

- Ip54 Panel: 90LM/W , AC230V;
- Size: 60*60, 62*62cm;
- White frame, Flat surface, No gap on the corner;
- Driver: Flicker, Flicker Free.

40W 120° Photometric

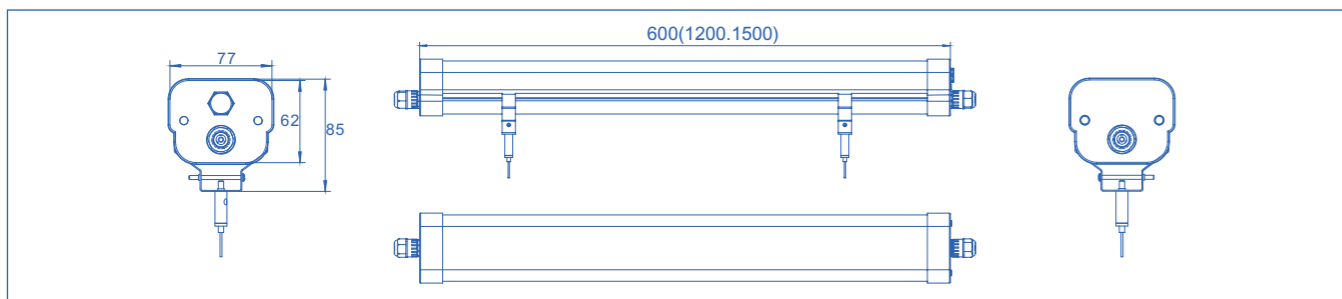


40W 120° Luminance



DIMENSIONS

UNIT:mm

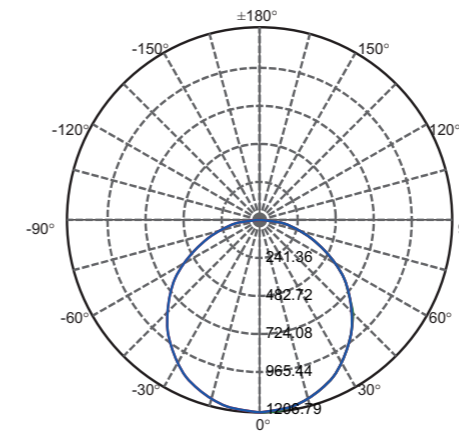


TECHNICAL PARAMETERS

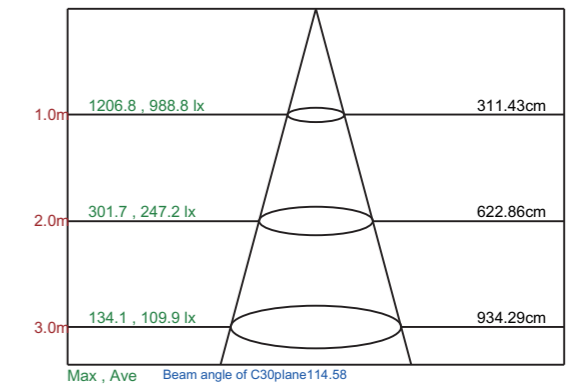
Series	Order number	Input voltage(V)	**Wattage (W)	Dimension (mm)	**Lumen (Lm)	CCT(K)	Max Multi-connect QTY
NS-TPL-2A30	TPL0630M	AC 230	30	600×77×62	3000	3000/4000/6500	15
NS-TPL-4A40	TPL1240M	AC 230	40	1200×77×62	4000	3000/4000/6500	10
NS-TPL-5A60	TPL1560M	AC 230	60	1500×77×62	6000	3000/4000/6500	7

** Lumen&Wattage: Type value with +/-10% tolerance.

40W 3600Lm Photometric



40W 3600Lm Luminance



TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**Efficiency (lm/W)	**Lumen (lm)	Standard CCT (K)	CRI (Ra)
NS-PLS-6060	604036IP	595×595×8.5	1000	40	90	3600	3000/4000/6500	>80
NS-PLS-6262	624036IP	620×620×8.5	1000	40	90	3600	3000/4000/6500	>80

** Efficiency: It's for panel system, included driver consumption.

** Lumen&Wattage: Type value with +/-10% tolerance.

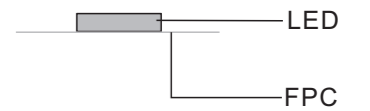


Decorative Lighting

DC24V IP20/IP65/IP67



LED Strip IP20 NS-A3528 Series



FEATURES

- High Brightness SMD2835 , DC24V;
- Strips can be cut on the cutting mark and reconnect;
- Standard PCB color: White;
- Led Option: Mac Adam 3 or 5 step;
- CRI 80/90;
- 3M Adhesive Backing.

TECHNICAL PARAMETERS

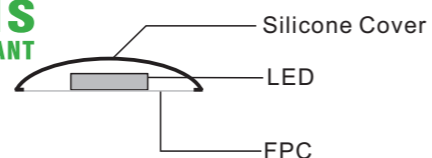
Order number	LED Qty (pcs/m)	**Wattage (W/m)	**LUMEN (Lm/m*Ra80)	Length (Meter/Reel)	Strip width (mm)	Maximum connection length (M)	CCT (K)	CRI (Ra)
NS-A3528RW60-24	60	5	480	10	8	10	2700	>80/90
NS-A3528WW60-24	60	5	500	10	8	10	3000	>80/90
NS-A3528NW60-24	60	5	520	10	8	10	4000	>80/90
NS-A3528CW60-24	60	5	520	10	8	10	6500	>80/90
NS-A3528RW60-24H	60	12	980	10	10	8	2700	>80/90
NS-A3528WW60-24H	60	12	1020	10	10	8	3000	>80/90
NS-A3528NW60-24H	60	12	1100	10	10	8	4000	>80/90
NS-A3528CW60-24H	60	12	1100	10	10	8	6500	>80/90
NS-A3528RW120-24	120	12	1050	10	8	6	2700	>80/90
NS-A3528WW120-24	120	12	1080	10	8	6	3000	>80/90
NS-A3528NW120-24	120	12	1200	10	8	6	4000	>80/90
NS-A3528CW120-24	120	12	1200	10	8	6	6500	>80/90
NS-A3528RW120-24H	120	24	1960	10	10	4	2700	>80/90
NS-A3528WW120-24H	120	24	2040	10	10	4	3000	>80/90
NS-A3528NW120-24H	120	24	2160	10	10	4	4000	>80/90
NS-A3528CW120-24H	120	24	2160	10	10	4	6500	>80/90
NS-A3528RW240-24	240	20	1920	10	12	5	2700	>80/90
NS-A3528WW240-24	240	20	2000	10	12	5	3000	>80/90
NS-A3528NW240-24	240	20	2050	10	12	5	4000	>80/90
NS-A3528CW240-24	240	20	2050	10	12	5	6500	>80/90

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Strip

IP65 NS-D3528 Series



FEATURES

- High brightness SMD2835 , DC24V;
- Strips can be cut on the cutting mark and reconnect;
- Standard PCB color: White;
- Led option:Mac Adam 3 or 5 step;
- CRI 80/90;
- 3M adhesive backing.

TECHNICAL PARAMETERS

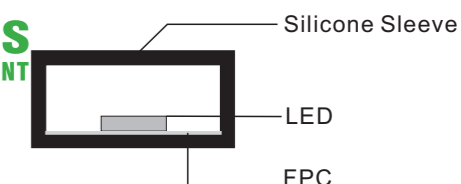
Order number	LED Qty (pcs/m)	**Wattage (W/m)	**LUMEN (Lm/m*Ra80)	Length (Meter/Reel)	Strip width (mm)	Maximum connection length (M)	CCT (K)	CRI (Ra)
NS-D3528RW60-24	60	5	460	5	9	10	2700	>80/90
NS-D3528WW60-24	60	5	480	5	9	10	3000	>80/90
NS-D3528NW60-24	60	5	500	5	9	10	4000	>80/90
NS-D3528CW60-24	60	5	500	5	9	10	6500	>80/90
NS-D3528RW60-24H	60	12	950	5	11	8	2700	>80/90
NS-D3528WW60-24H	60	12	975	5	11	8	3000	>80/90
NS-D3528NW60-24H	60	12	1050	5	11	8	4000	>80/90
NS-D3528CW60-24H	60	12	1050	5	11	8	6500	>80/90
NS-D3528RW120-24	120	12	1000	5	9	6	2700	>80/90
NS-D3528WW120-24	120	12	1050	5	9	6	3000	>80/90
NS-D3528NW120-24	120	12	1100	5	9	6	4000	>80/90
NS-D3528CW120-24	120	12	1100	5	9	6	6500	>80/90
NS-D3528RW120-24H	120	24	1900	5	11	4	2700	>80/90
NS-D3528WW120-24H	120	24	2000	5	11	4	3000	>80/90
NS-D3528NW120-24H	120	24	2100	5	11	4	4000	>80/90
NS-D3528CW120-24H	120	24	2100	5	11	4	6500	>80/90
NS-D3528RW240-24	240	20	1860	5	13	5	2700	>80/90
NS-D3528WW240-24	240	20	1920	5	13	5	3000	>80/90
NS-D3528NW240-24	240	20	2000	5	13	5	4000	>80/90
NS-D3528CW240-24	240	20	2000	5	13	5	6500	>80/90

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Strip

IP67 NS-C3528 Series



FEATURES

- High brightness SMD2835 , DC24V;
- Strips can be cut on the cutting mark and reconnect;
- Standard PCB color: White;
- Led option:Mac Adam 3 or 5 step;
- CRI 80/90;
- 3M adhesive backing.

TECHNICAL PARAMETERS

Order number	LED Qty (pcs/m)	**Wattage (W/m)	**LUMEN (Lm/m*Ra80)	Length (Meter/Reel)	Strip width (mm)	Maximum connection length (M)	CCT (K)	CRI (Ra)
NS-C3528RW60-24	60	5	450	5	10	10	2700	>80/90
NS-C3528WW60-24	60	5	460	5	10	10	3000	>80/90
NS-C3528NW60-24	60	5	480	5	10	10	4000	>80/90
NS-C3528CW60-24	60	5	480	5	10	10	6500	>80/90
NS-C3528RW60-24H	60	12	920	5	12	8	2700	>80/90
NS-C3528WW60-24H	60	12	950	5	12	8	3000	>80/90
NS-C3528NW60-24H	60	12	1020	5	12	8	4000	>80/90
NS-C3528CW60-24H	60	12	1020	5	12	8	6500	>80/90
NS-C3528RW120-24	120	12	950	5	10	6	2700	>80/90
NS-C3528WW120-24	120	12	1000	5	10	6	3000	>80/90
NS-C3528NW120-24	120	12	1100	5	10	6	4000	>80/90
NS-C3528CW120-24	120	12	1100	5	10	6	6500	>80/90
NS-C3528RW120-24H	120	24	1840	5	12	4	2700	>80/90
NS-C3528WW120-24H	120	24	1900	5	12	4	3000	>80/90
NS-C3528NW120-24H	120	24	2040	5	12	4	4000	>80/90
NS-C3528CW120-24H	120	24	2040	5	12	4	6500	>80/90
NS-C3528RW240-24	240	20	1800	5	14	5	2700	>80/90
NS-C3528WW240-24	240	20	1820	5	14	5	3000	>80/90
NS-C3528NW240-24	240	20	1940	5	14	5	4000	>80/90
NS-C3528CW240-24	240	20	1940	5	14	5	6500	>80/90

** Lumen&Wattage: Type value with +/-10% tolerance.



LED Strip CCT Adjustable Strip



FEATURES

- Strips can be used with controller to change the color temperature of the strip, adjustable range: 2700K-6500K;
- Standard PCB color: White;
- Led option: Mac Adam 3 or 5 step;
- CRI 80/90;
- 3M adhesive backing.

TECHNICAL PARAMETERS

Order number	LED Qty (pcs/m)	Wattage (W/m)	LUMEN (Lm/m*Ra80)	Length (Meter/Reel)	Pcb width (mm)	Maximum connection length (M)	CCT (K)	CRI (Ra)
NS-A3528RW240-24	240	12	RW550/CW600	10	10	5	2700-6500	>80/90



LED Strip Premium Strip

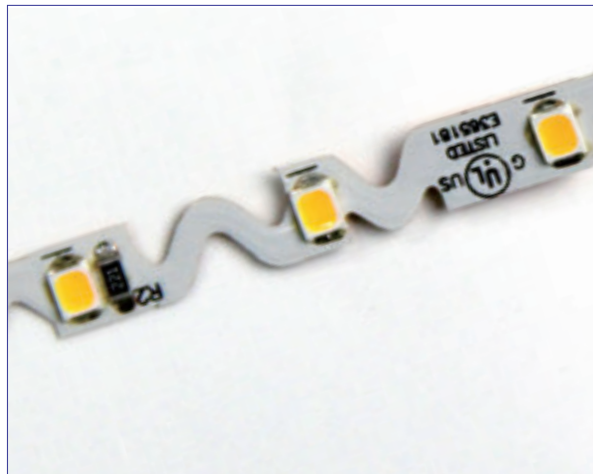


FEATURES

- High brightness SMD 2835 LED;
- Strips can be cut on the cutting mark and reconnect;
- Standard PCB color: White;
- Led option: Mac Adam 3 or 5 step;
- CRI 80;
- 3M adhesive backing.

TECHNICAL PARAMETERS

Order number	LED Qty (pcs/m)	Wattage (W/m)	LUMEN (Lm/m*Ra80)	Length (Meter/Reel)	Pcb width (mm)	Maximum connection length (M)	CCT (K)	CRI (Ra)
NS-A3528XW64-24	64	6	160	10	10	10	3000/4000/6500	>80
NS-A3528XW128-24	128	6	160	10	10	5	3000/4000/6500	>80



LED Strip Bendable Strip



FEATURES

- Strips can be bended more than 90°
- Standard PCB color: White
- Led option: Mac Adam 3 or 5 step
- CRI 80/90
- 3M adhesive backing

TECHNICAL PARAMETERS

Order number	LED Qty (pcs/m)	Wattage (W/m)	LUMEN (Lm/m*Ra80)	Length (Meter/Reel)	Pcb width (mm)	Maximum connection length (M)	CCT (K)	CRI (Ra)
NS-A3528RW60-24	60	5	480	10	5	10	2700	>80/90



LED Strip Kit



FEATURES

- High brightness SMD LED and long lifespan.
- Built-in power supply.
- Easily using, do not need professional installation operation.
- Materials for flexible rolled cooper PCB. It can be bending used in certain angle.
- 3M adhesive backing.

TECHNICAL PARAMETERS

Order number	LED Qty (pcs/m)	Wattage (W/m)	LUMEN (Lm/m*IP20)	Length (Meter/Reel)	Pcb width (mm)	CCT (K)	CRI (Ra)	IP
NS-SA3528WW30-24	60	5	300	5	8	3000	>80	IP20/IP65
NS-SA3528NW30-24	60	5	320	5	8	4000	>80	IP20/IP65
NS-SA3528CW30-24	60	5	360	5	8	6500	>80	IP20/IP65
NS-SA5050RGB60-24	60	5	R:84/G:164/B:42	5	10	RGB	>80	IP20/IP65

Accessories for Non-waterproof/ IP20 LED Strip

LED Strip In Line Dimmer

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



RGB Controller

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



Power Feed

- Connects strips to power supply



RGB Power Supply Leads

- Connects strips to power supply
- Power supply



Single Color Connectors

Inline Splice

- Connects 2 sections of the strips together



RGB Connectors

Inline Splice

- Connects 2 sections of the strips together



Interconnect Cable

- 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



RGB 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



RGB 4-Way Connector

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



Accessories for Waterproof/ IP65&IP67 LED Strip

Power Feed

- Connects strips to power supply



RGB Power Supply Leads

- Connects strips to power supply



Single Color Connectors

Interconnect Cable

- Connects 2 sections of the strips together



RGB 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



RGB 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



RGB 4-Way Connector

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



End Cap

- Terminal for the strips



Power Supply

- Outdoor Power Supply



Silicone

- Silicone glue for the end cap



Clips

- Fix the strips on the surface





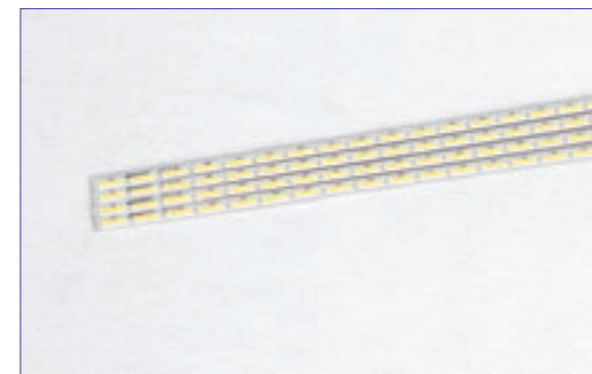
LED PCBA



LED Light Bar

FEATURES

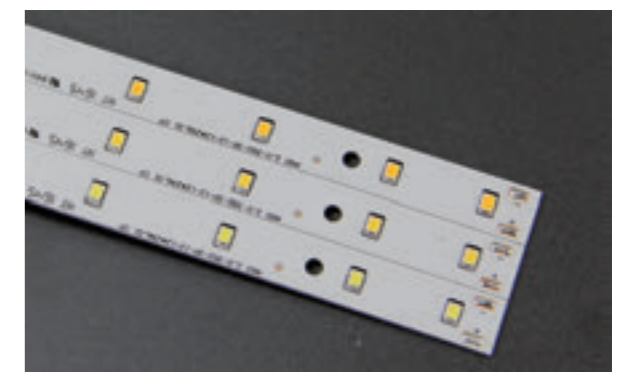
- LED Modules for office lighting;
- T5/T8 replacement module;
- Linear Lighting module;
- LED panel module;
- LED Modules with color temperature dynamic;
- LED Modules for backlighting;
- Typical Applications: Office lighting, Retail, corridor and shelf lighting;
- We offer OEM & ODM service.



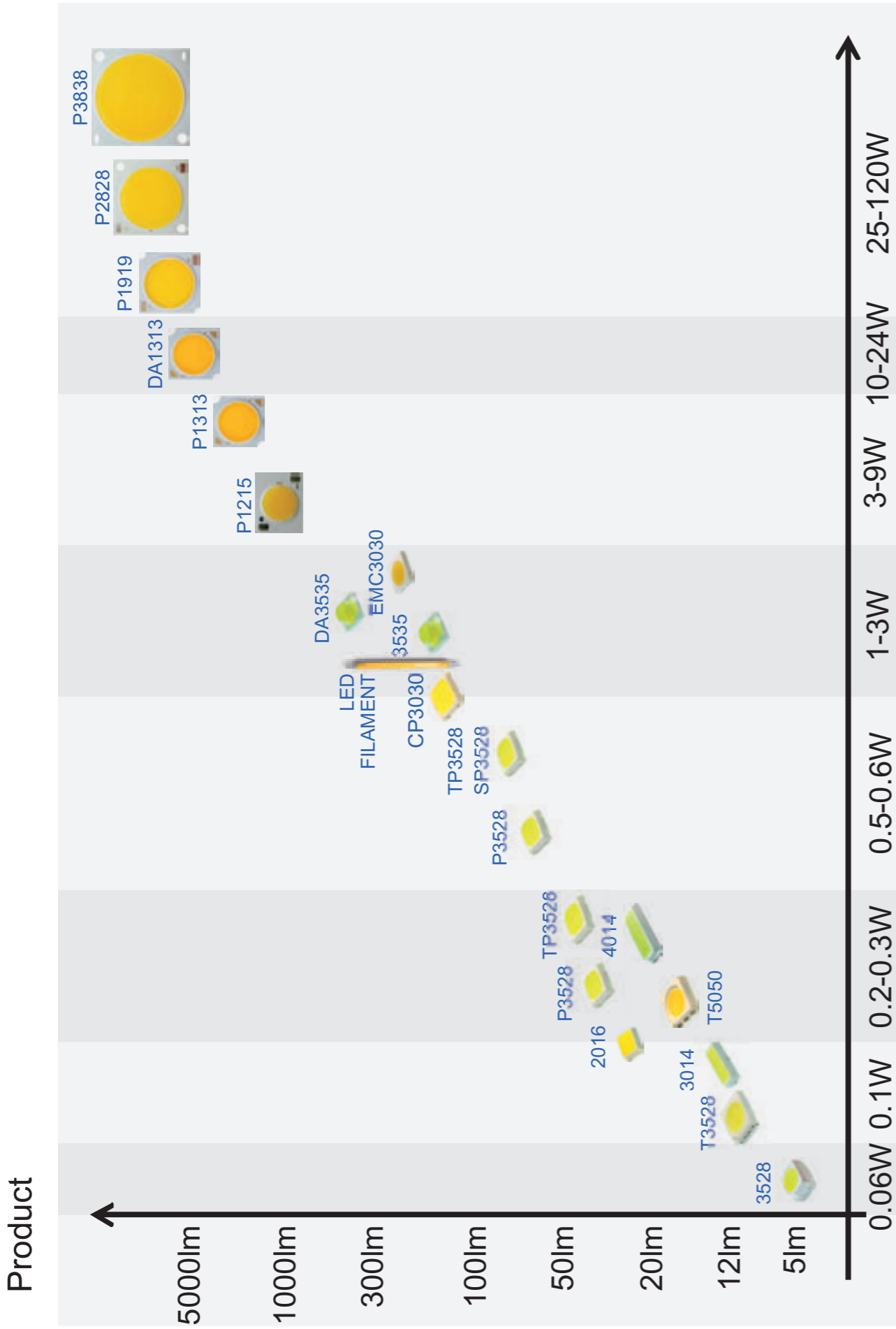
Customized PCB

FEATURES

- PCB kinds: FR4,CEM,AL;
- LED type:2835,4014,3030;
- Input:12v/24v/350mA/700mA/1000mA and etc;
- Lumen output: 90LM/W to 170LM/W;
- Connector: as customer request;
- Typical Applications: Office lighting, Retail, corridor and shelf lighting;
- We offer OEM & ODM service.



NationStar White LED Road Map



NOTE

A series of horizontal dashed lines for taking notes.