

ED LIGHTING

Catalogue-Europe



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NATIONSTAR Worldwide

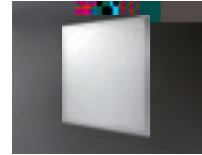




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01 MILESTONE



02 PRODUCTION CAPACITY

03 BRIEF INTRODUCTION

Foshan NATIONSTAR Optoelectronics Co.,Ltd has been specializing in LED lighting manufacturing since 2004. With a strong R&D ability and excellent after-sales service, NATIONSTAR becomes a leading manufacturer for LED lighting products.



The Southern
The Head

Land area

Prod

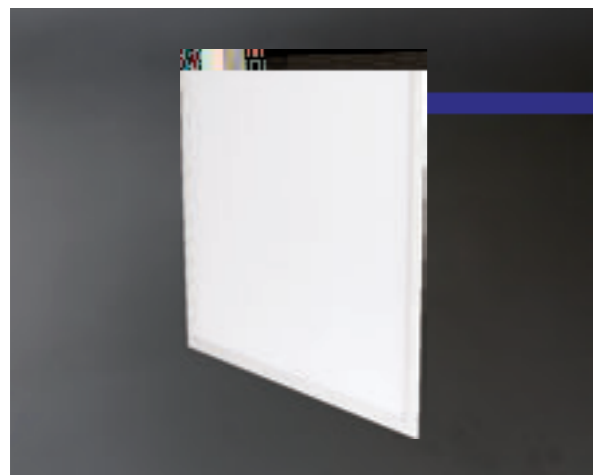
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TECHNICAL PARAMETERS

Series	Order number	Dimension (mm)	Panel Input Current (mA)	Panel input Wattage(W) included driver	**E fficiency (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
		620×620						
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		7200	3000/4000/6500	>80



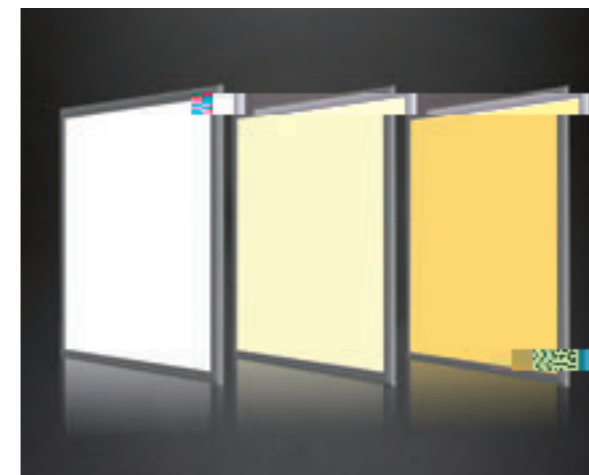
LED Panel Basic Version

FEATURES

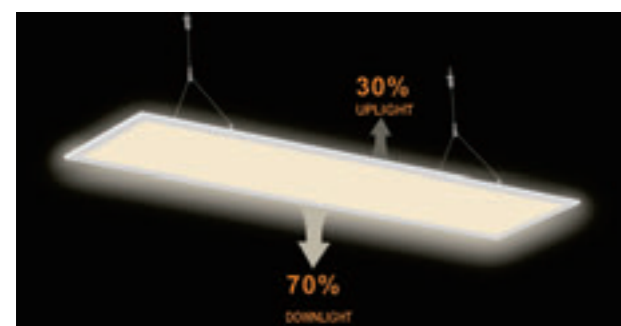
- Basic Panel: 70/80LMW AC230V;
- Size: 30*30, 60*60cm;
- White frame with step.

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	300x300x7.5	400	16	70	1120	3000/4000/6500	>80
NS-PLS-6060	604032	595x595x7.5	1000	40	80	3200	3000/4000/6500	>80



LED Panel CCT Adjustable



LED Panel Up/Down Panel

FEATURES

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

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)

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

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

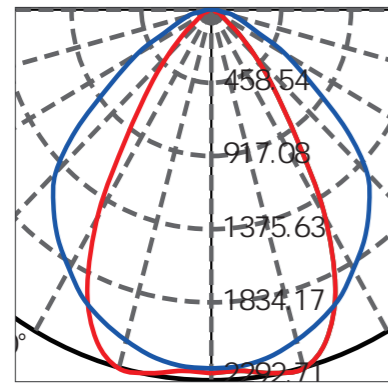


Pendant Linear

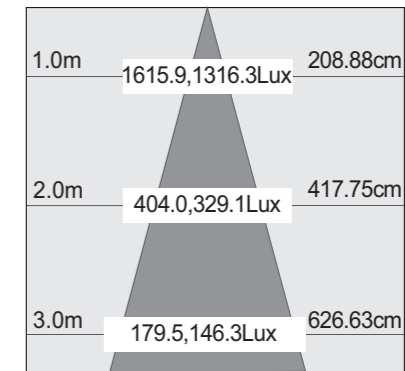
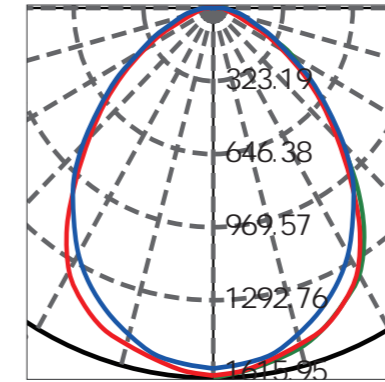
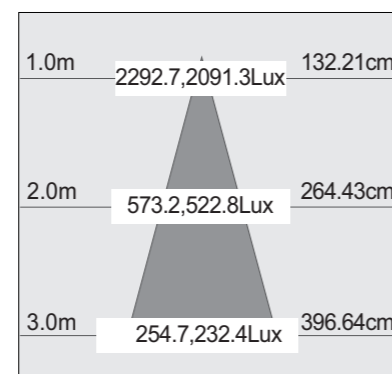
FEATURES

- 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



TECHNICAL PARAMETERS

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

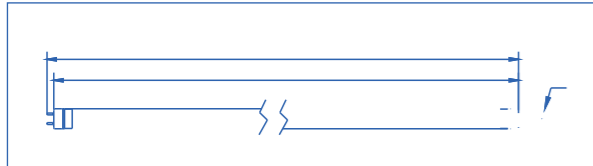
** Lumen&Wattage: Type value with +/-10% tolerance.

LED Tube T8 Glass



DIMENSIONS

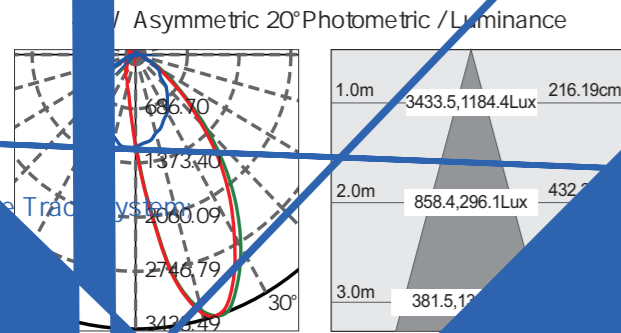
UNIT:mm



Linear Module



With Adaptor/Connector For
 Ultra bright SMD LED on
 Design of optical mo
 Built-in efficient c
 Application: s



4PINS TRACK



TECHNICAL PARAMETERS

Model	Pin Count	Part No.	Dimension(mm)	**Wattage (W)	Lumen (Lm)	CCT(K)	Beam Angle	Track Type
NS-X	3	XCD3B30	L886×W68×H61	30W	3600Lm	3000/4000/6000	Asymmetric 20°/Asymmetric 30°	3PINS/4PINS TRACK
NS-X	4	XCD4B40	L1180×W68×H61	40W	4800Lm	3000/4000/6000	90	3PINS/4PINS TRACK

L1475×W68×H61 50W 6000Lm 3000/4000/6000 90 30°/ 60°/90° 3PINS/4PINS TRACK

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

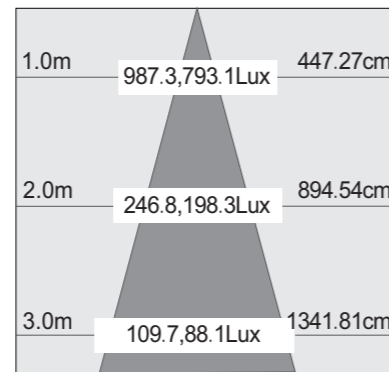
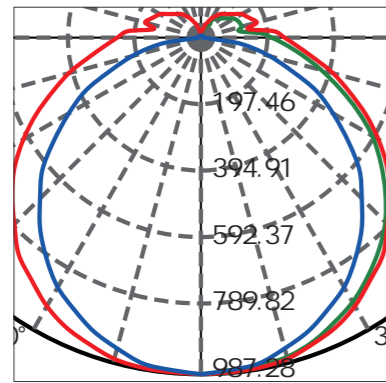


LED Linear T5

FEATURES

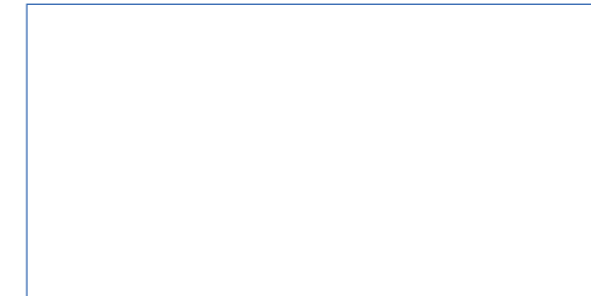
- Ultra bright SMD LED as light source;
- Can be connected with each other with connectors;
- All-plastic holder;

Application: Supermarket, Shelf, Kitchen.

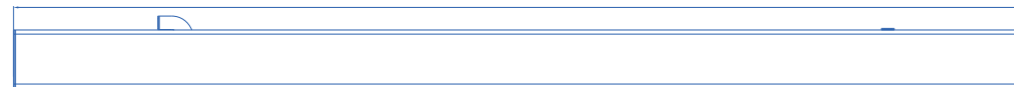
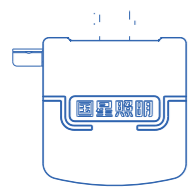
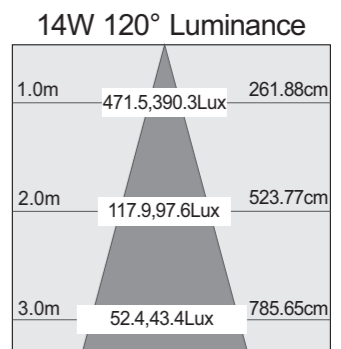
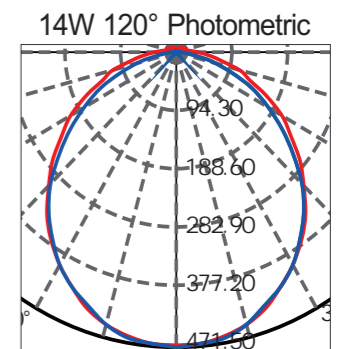


DIMENSIONS

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



UNIT:mm

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

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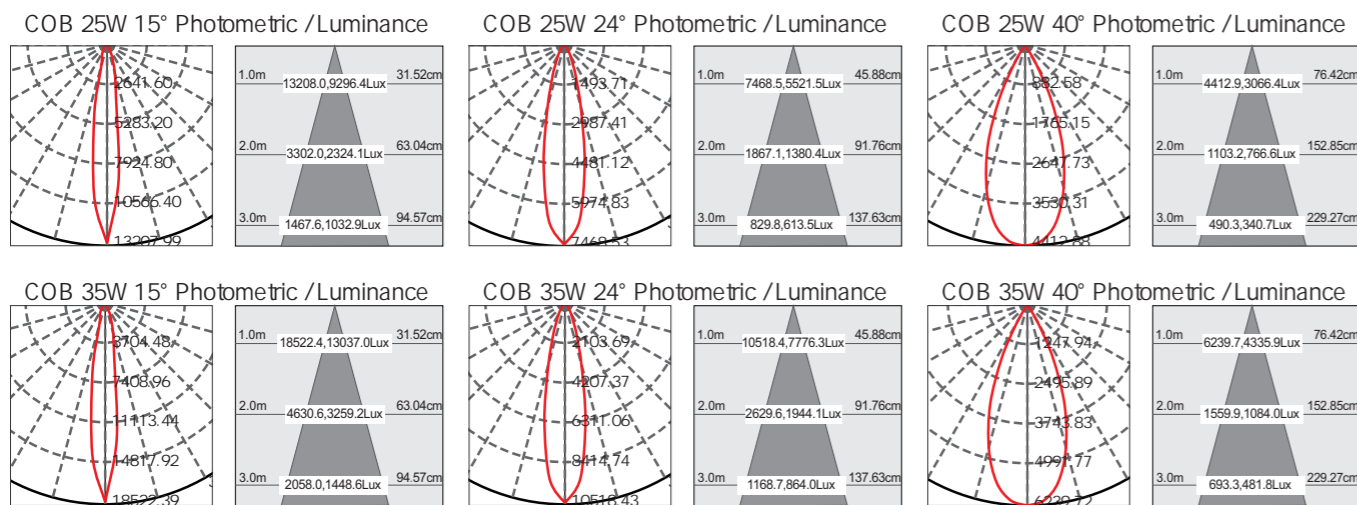


LED Track Light

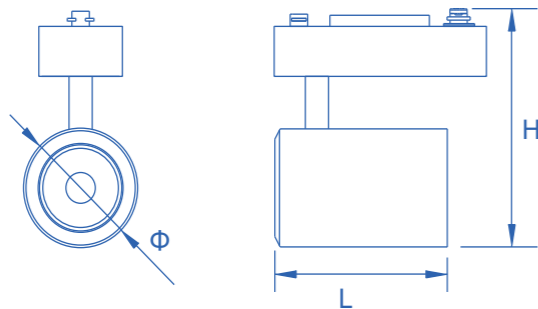


FEATURES

- Ultra bright COB LED, AC 230V;
- 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.

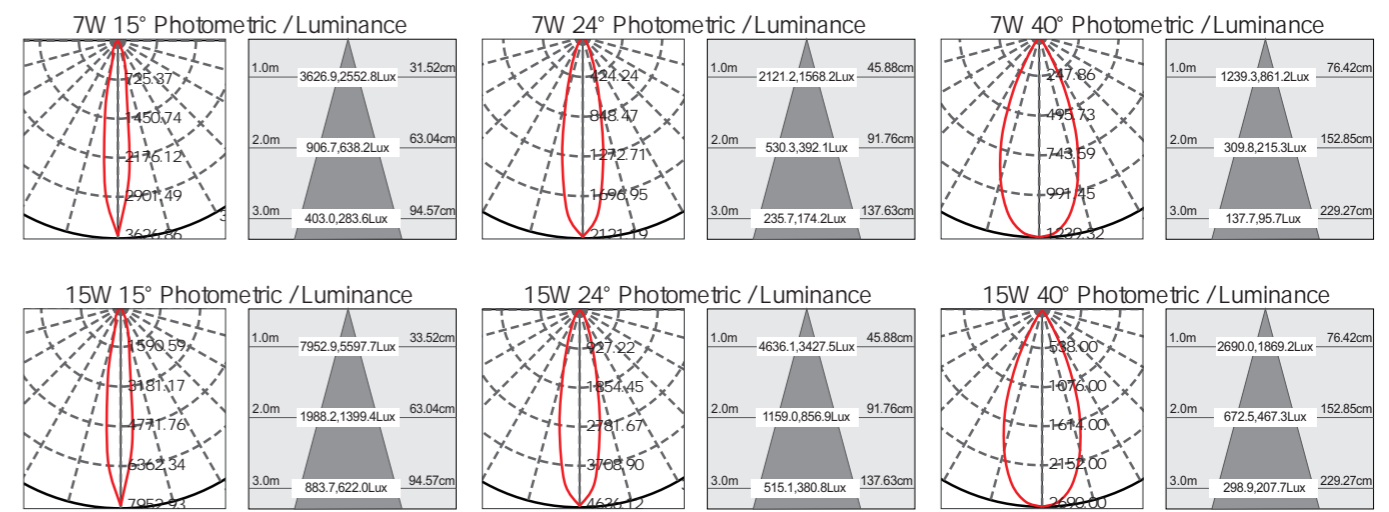


LED Track Light

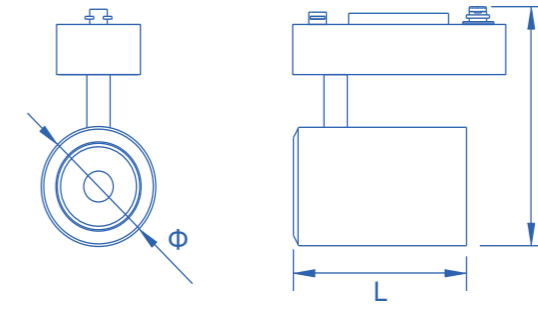


FEATURES

- Ultra bright COB LED, AC 230V;
- 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.



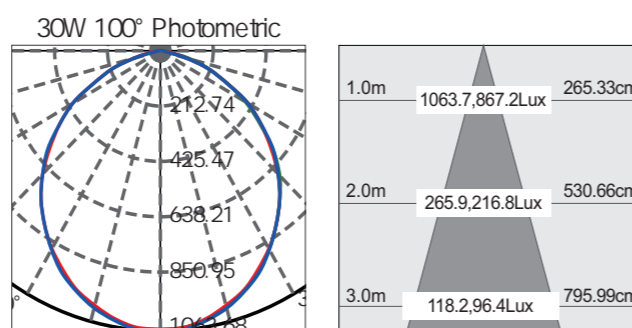
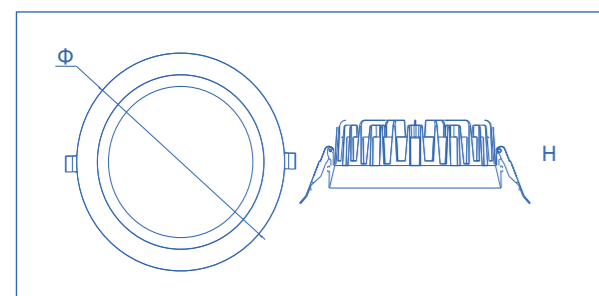
LED Downlight

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



TECHNICAL PARAMETERS

	Input voltage (V)	**Wattage (W)	Dimension (mm)	Cut-out (mm)	**Lumen (Lm)
NS-TD4-H10	AC 230	10	Ø146×H53	Ø125	900
NS-TD6-H15	AC 230	15	Ø190×H63	Ø175	1350
NS-TD6-H20	AC 230	20	Ø190×H63	Ø175	1800
NS-TD8-H20	AC 230	20	Ø220×H71	Ø200	1800
NS-TD8-H30	AC 230	30	Ø220×H71	Ø200	2700

CCT (K)
3000/4000/6500
3000/4000/6500
3000/4000/6500
3000/4000/6500
3000/4000/6500

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



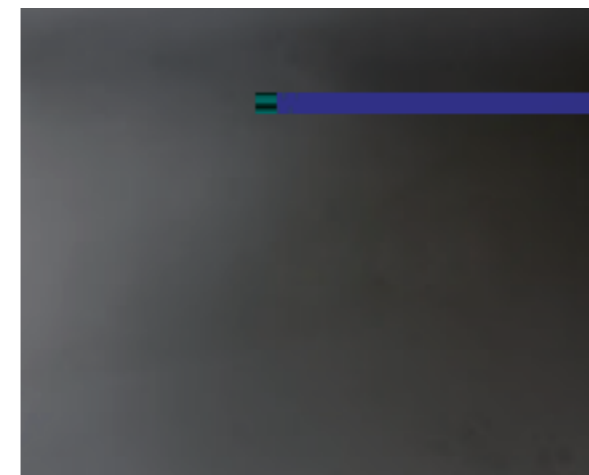
Industrial Lighting

AC230V



120°

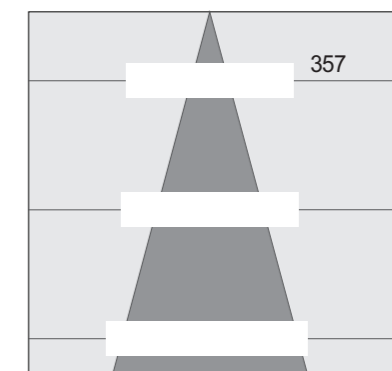
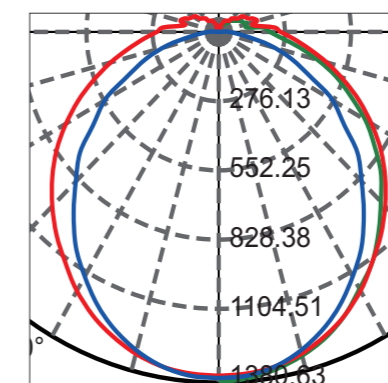
IP65



LED Batten IP65 (On/Off Version)

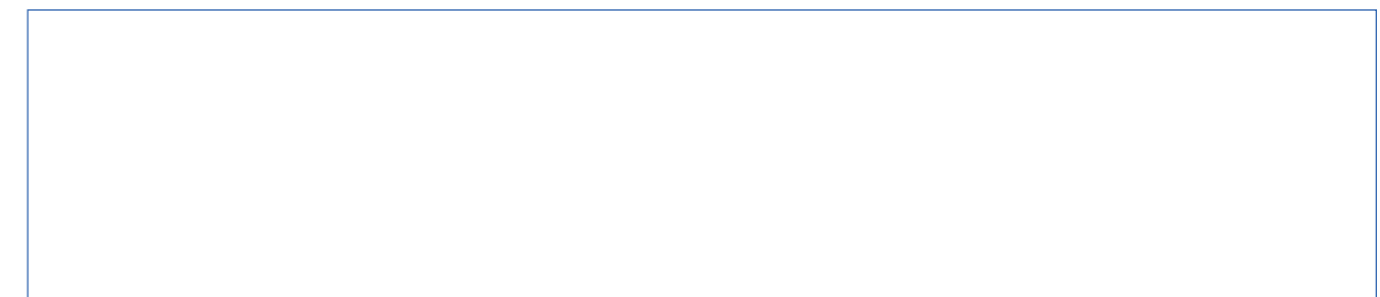
FEATURES

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



DIMENSIONS

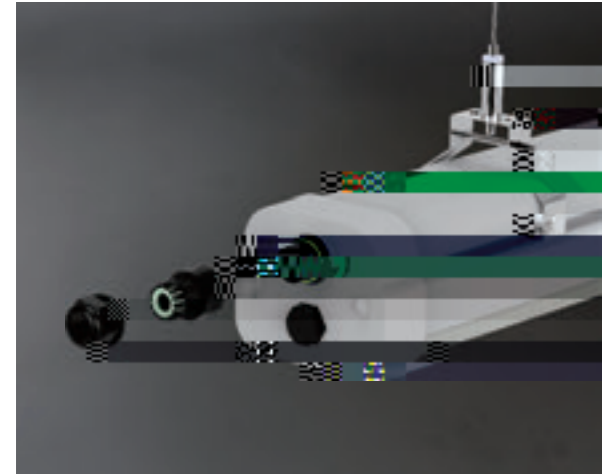
UNIT:mm



TECHNICAL PARAMETERS

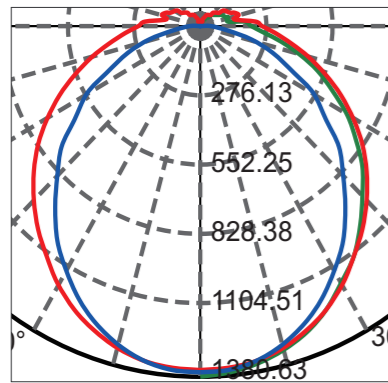
NS-TPL-2A 30
NS-TPL-4A 40
NS-TPL-5A 60

		Dimension (mm)		
AC 230	30	600×77×62	3000	3000/4000/6500
AC 230	40	1200×77×62	4000	3000/4000/6500
AC 230	60	1500×77×62	6000	3000/4000/6500

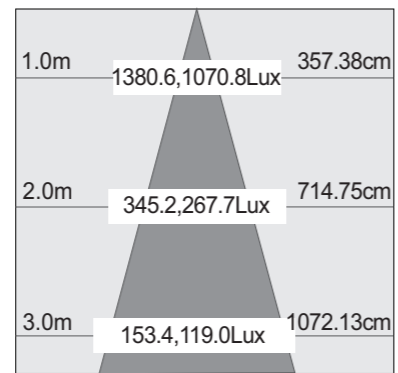


LED Batten IP65 (Multi-Connection Version)

40W 120° Photometric

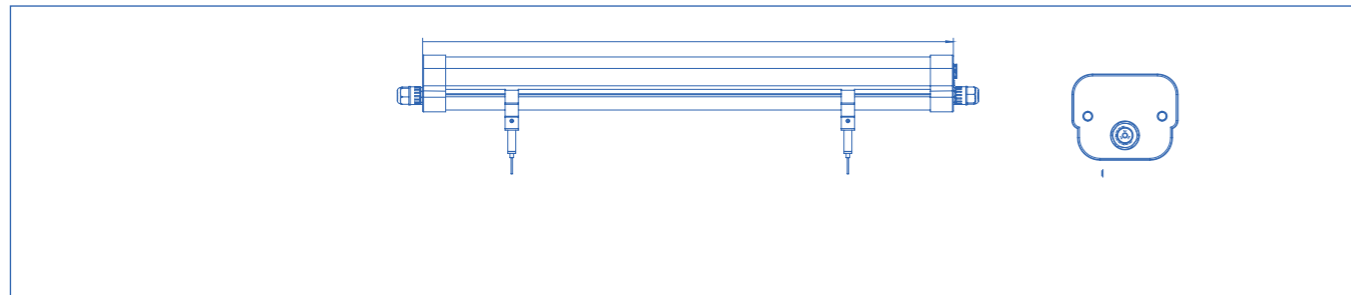


40W 120° Luminance



DIMENSIONS

UNIT:mm



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

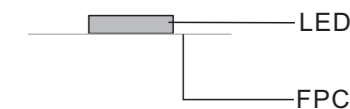


Decorative Lighting

DC24V IP20MP65MP67



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.

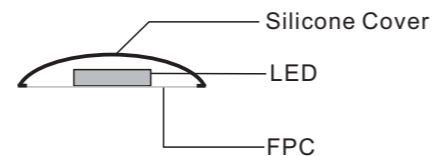
TECHNICAL PARAMETERS

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		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.



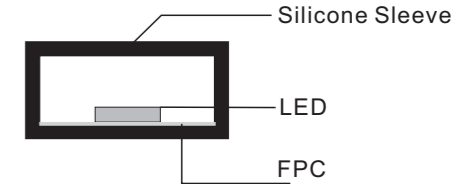
IP65 NS-D3528 Series



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.

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)



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

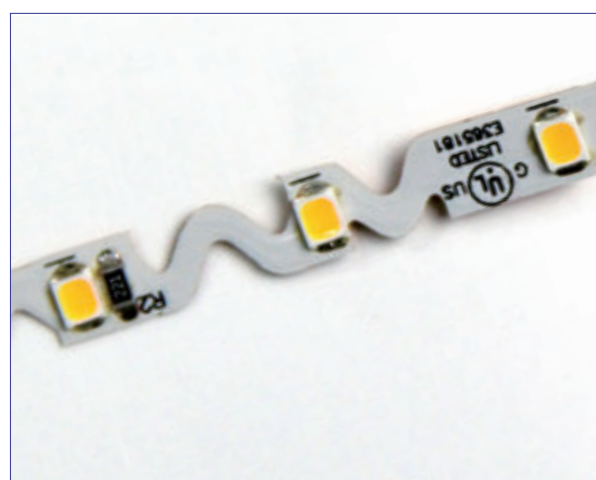


FEATURES

- 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 Bendable Strip

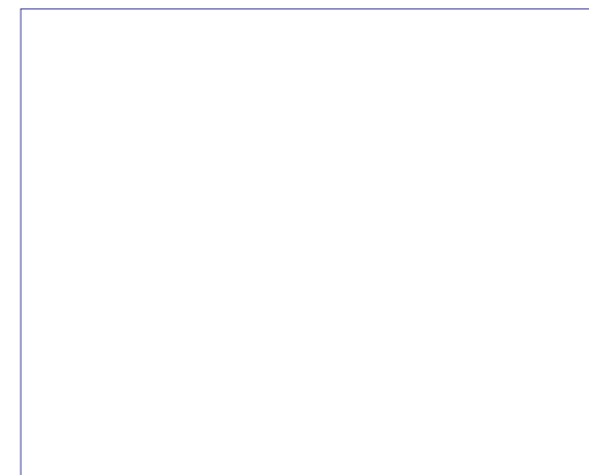


FEATURES

- 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 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 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

Single Color Connectors

Inline Splice

- Connects 2 sections of the strips together



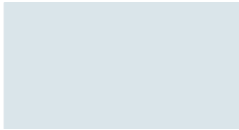
RGB Connectors

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

67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



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.



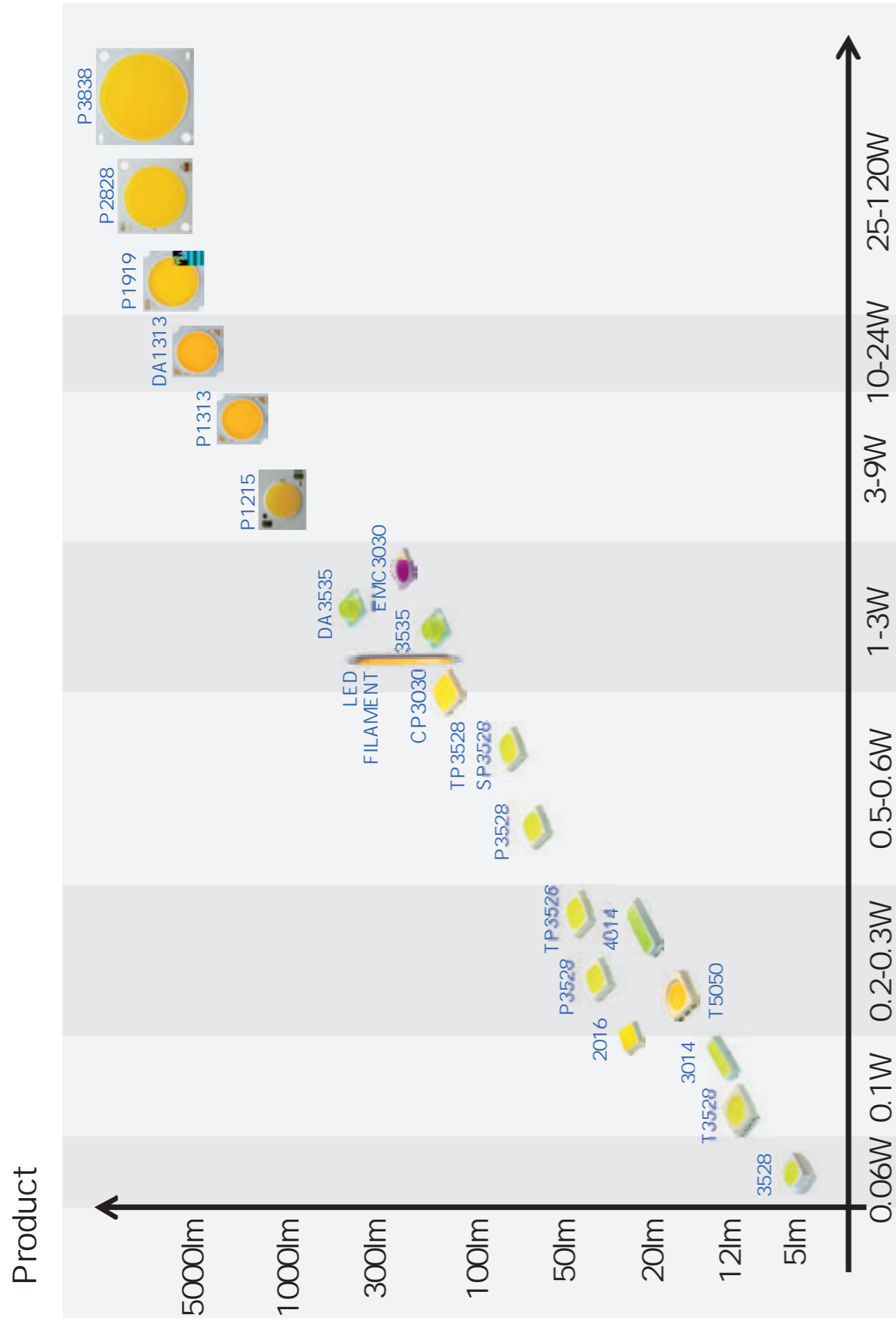
Customized PCB

FEATURES

- PCB kinds: FR4,CEM,AL;
- LED type:2835,4014,3030;
- Input 12v/24v/350mA/700mA/1000mA and etc;
- Lumen output 90LMW to 170LMW;
- 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 provided for additional notes or specifications.