

NEW LED Products



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NVC Background & History

NVC was founded in 1998 and is not only the leading lighting company in China - we are also well-known round the world.

We have always been committed to our own programme of independent product research and development. We are now known for our broad range of products for almost every area of life including commercial, industrial, retail and exterior lighting.

Our structure is vertically integrated - not only do we design our own products, but we manufacture them too and distribute them under our own brand through our own distribution network. In China the network consists of 38 Regional Operation Centres and 3,800 NVC branded retail outlets. This gives us the facility to support our brand both technically and commercially throughout its journey from factory to consumer, enhancing our position in the market. Around the world we are represented by subsidiaries, branch offices and distributors in some 140 countries.

Our vertical integration is unique in that it includes light-fittings and LED chips. The partnership of ETI (who is a major shareholder in NVC and one of the world's largest LED chip manufacturers) and NVC constitutes a powerful industry grouping that is unique in our field.

This close integration, from chip manufacturing to end-product distribution, helps provide us with rapid feedback of market demand, and in turn it helps us to provide our customers with powerful problem solving and sales-support capabilities.

Our products have been widely used at many high-profile events including the 2008 Beijing Olympic Games, the 2010 Guangzhou Asian Games and the 2010 Shanghai Expo. In 2015 we supplied the lighting for the pavilions of Qatar and Oman at the Milan World Expo, we supplied lighting at the 2016 Rio Olympic Games and at the 2016 Hangzhou G20 summit. Top brands have turned to us too, including Hilton, Sheraton, InterContinental and Kempinski hotels as well as BMW and Mercedes.

Under the leadership of our chairman Donglei Wang (Tony) the process of vertical integration is being driven further forward both upstream, into LED packages and driver manufacturing and downstream into more markets. In 2016 NVC's total turnover approached Rmb 5 billion, an increase of 20% on 2015. The strongest growth areas were general overseas sales (up 20%) and North America (up 30%).

When the resources of ETI and NVC are considered together the combined annual sales total some Rmb 10 billion. This places the group as the clear leader in the Chinese lighting market and uniquely placed to continue its global growth, challenging the old order.



NVC Headquarters, Huizhou, Guangdong Province, PRC



NDLLED9284M
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NTFLED412*
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NBTLED T5E
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NPXLED1007*
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LED T8N*
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NFDLED103*
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NLBLED401
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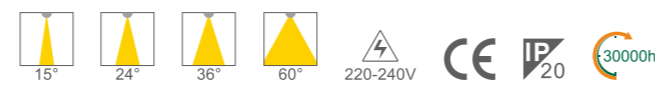


NLBLED 402*
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NFSLED2835-60P
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NDLLED928* Surface LED Down Light



Applications

- Marketplaces
- Hotels
- Exhibition rooms
- Arts centers
- Offices

Technical details

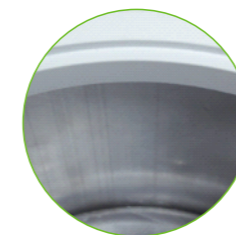
- COB LED
- CCT: 3000K, 3500K, 4000K or 5700K
- Wattages: 9W, 15W, 24W or 35W
- Beam angle: 15°, 24°, 36° or 60°
- CRI: > 80
- PF > 0.9
- Driver: integrated driver included
- Rated life: 30,000hours
- Mounted way: surface mounted
- IP Rate: IP20

Structure and details

PF > 0.9
CRI > 80

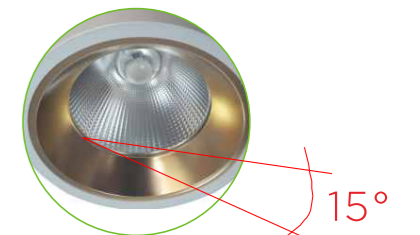


Lamp body thickness is up to 5mm



High-end material

Made from high quality aluminum material, specially designed for project.



Glare proof system

Good glare proof system, shielding angle is more than 15 degrees, can create an excellent commercial environment.



black+silver

white+gold

black+gold

white+silver

Easy to match different styles

Simple and stylish design with 4 different colour which can be suitable for most decoration styles.



Wide application range

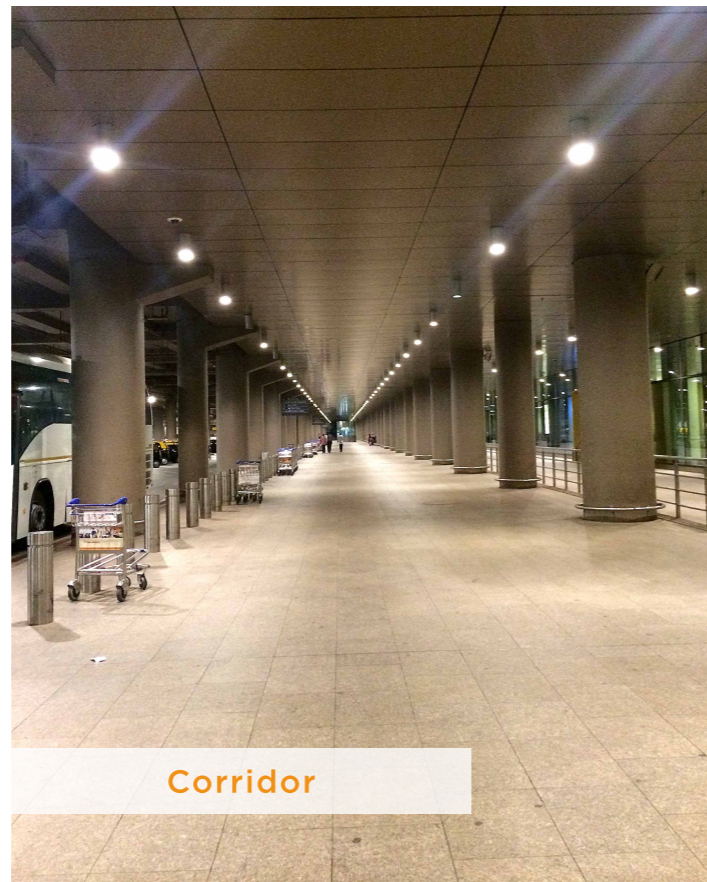
Can be used in ceiling, grille ceiling and steel structure ceiling.



Terminal

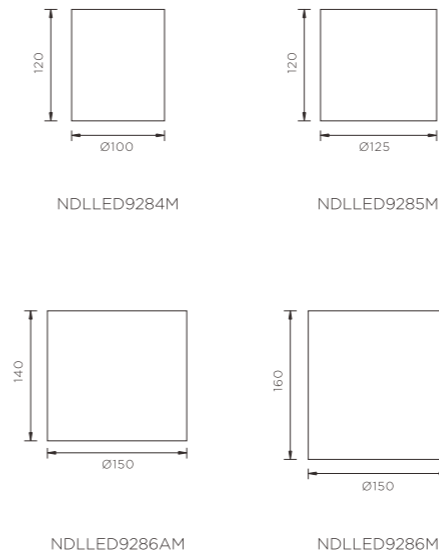


Shopping mall

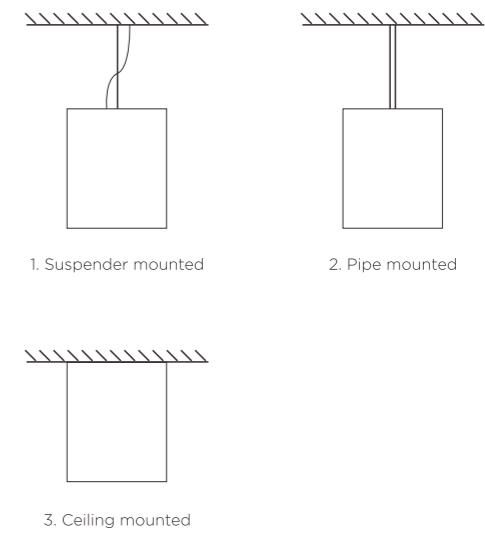


Corridor

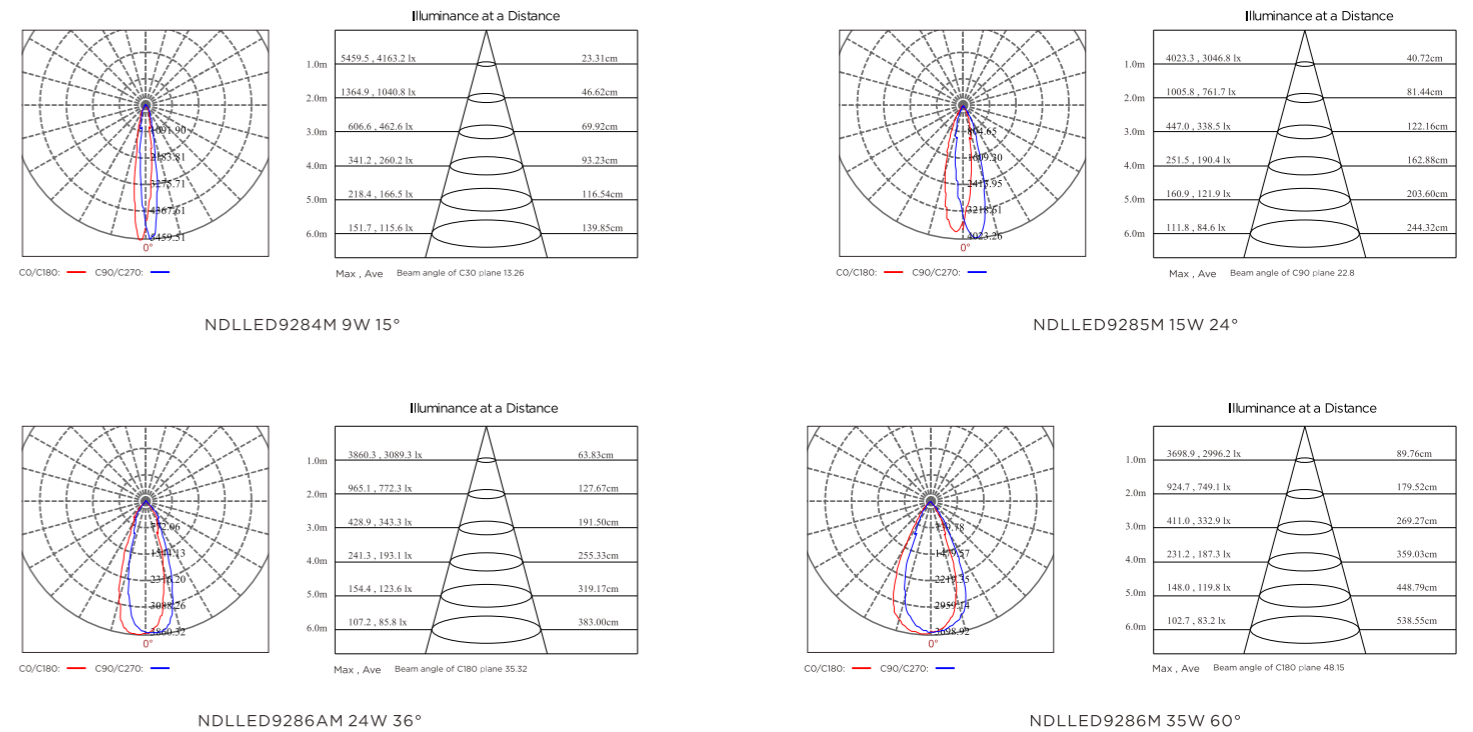
Dimensions



Mounting



Photometric data



Ordering Information

Model	Color temp.	Lumens	CRI	PF	Beam Angle	QTY/CTN	CTN Dimension	N.W.
NDILLED9284M 9W	3000K/3500K/4000K/5700K	770 lm	80	0.9	15°/24°/36°	24pcs	488x370x305mm	0.53kg
NDILLED9285M 15W	3000K/3500K/4000K/5700K	1,100 lm	80	0.9	15°/24°/36°	12pcs	445x300x305mm	0.75kg
NDILLED9286AM 24W	3000K/3500K/4000K/5700K	2,000 lm	80	0.95	15°/24°/36°/60°	12pcs	520x350x345mm	1.2kg
NDILLED9286M 35W	3000K/3500K/4000K/5700K	2,530 lm	80	0.95	15°/24°/36°/60°	12pcs	520x350x385mm	1.37kg



LED Track Light

NTRLED338*



Applications

For retail display use, especially in stores selling male clothing and other items of chiefly male interest. Also suitable for exhibitions and general display projects.

Benefits

- **Strong aesthetic.** The fitting has a strongly industrial style, designed to be suitable in stores selling items to a male market, such as men's clothing, technical gadgets or tools.
- **High quality optical effect.** High luminous intensity, CRI and light output.
- **Versatile** – can be used to provide several different lighting effects. Available with a choice of two beam angles and 4 attachments, all designed to offer good glare control and a choice of lighting effects.
- **Long life.** Special care has been taken to ensure efficient heat dissipation, so the fitting stays cool and will have a long and reliable life.
- **High quality driver.** The NVC driver is designed for both efficiency and compliance with EMC regulations.

Options

Optical attachments:

- Standard
- Anti-glare grille or louvre
- Symmetric anti-glare shield
- Asymmetric anti-glare shield
- Barn doors

Colours: Black or white

CCT: 3000K, 4000K or 5700K

Wattages: 35W or 50W

Beam angle: 15° or 30°

Technical details

- CCT: 3000K/4000K/5700K
- Wattages: 35W/50W
- Beam angle: 15°/30°
- Efficiency: > 60 lm/W
- CRI>80
- PF> 0.9
- Driver: constant current driver included.
- Rated life: 30,000hours
- Mounting: single-circuit track
- IP Rating: IP20
- Certification: CE

Structure and details



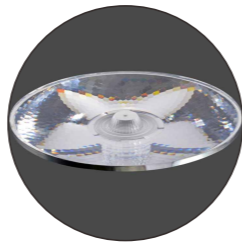
Independent heat dissipation system
The aluminum alloy body has been scientifically designed to remove the heat from the COB as effectively as possible, so the light source stays cool and the fitting will work reliably for a long duration.



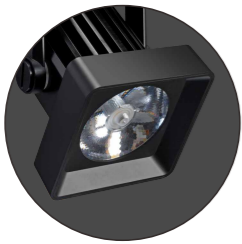
Power supply
The NVC driver provides EMC compliance (CE and CCC) and a high power factor for maximum energy efficiency.



Flexible adjustment
The aluminium support arm allows for a high degree of adjustment (vertical 90° and horizontal 355°), making this a very versatile fitting that is also easy to install.

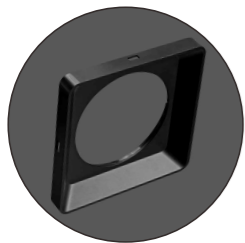


Quality optical design
A high quality, high CRI COB light-source and with a PMMA lens for maximum light transmittance helps ensure that this fitting delivers a high luminous intensity with accurate colour rendering.

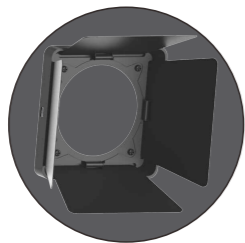


Lighting control system
The choice of 5 different optical effects (standard, or with any one of the 4 different attachments) will allow the users to adjust the fitting to deliver the exact lighting effect required with minimum glare.

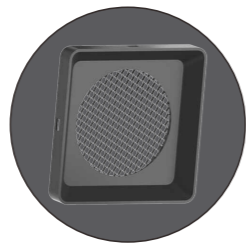
Functions of the lighting control attachments



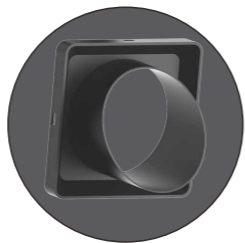
Standard version: a symmetric light distribution. Suitable in many situations, especially where the light is directed away from the customers, for example to light merchandise displayed on a wall.



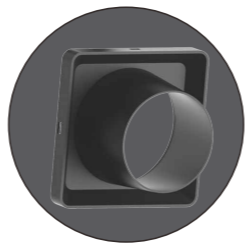
Barn doors: a traditional approach to glare control with a strong aesthetic and all-round anti-glare protection.



Anti-glare louvre: an unobtrusive attachment that reduces the risk of glare. Suitable if the merchandise being lit may be viewed from multiple angles.

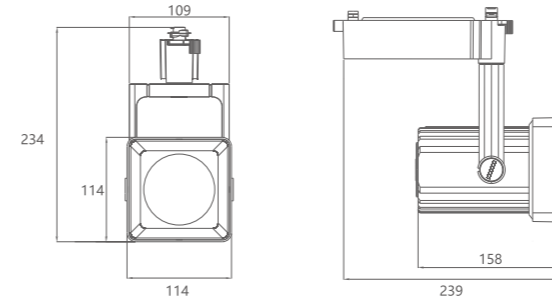


Asymmetric anti-glare shield: A striking attachment that provides protection against glare from one direction.

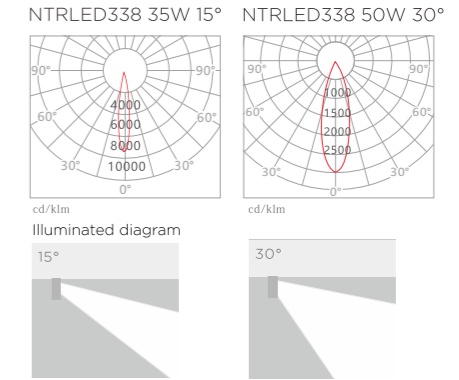


Symmetric anti-glare shield: a cylindrical attachments providing 360° protection against glare.

Dimensions



Photometric data



Ordering Information

Model	Color temp.	Lumens	CRI	PF	Beam Angle	Colour	QTY/CTN	CTN Dimension
NTRLED338 35W	3000K	1,950 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 35W	3000K	1,860 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 35W	3500K	2,000 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 35W	3500K	1,920 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 35W	4000K	2,100 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 35W	4000K	2,000 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 35W	5700K	2,100 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 35W	5700K	2,000 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	3000K	2,800 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	3000K	2,550 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	3500K	2,880 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	3500K	2,650 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	4000K	3,000 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	4000K	2,750 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	5700K	3,000 lm	80	0.9	15°/30°	Black/white	4pcs	600x295x275mm
NTRLED338 50W	5700K	2,750 lm	90	0.9	15°/30°	Black/white	4pcs	600x295x275mm

NTRLED 335* LED Track Light



Store / Supermarket



NVC's most popular LED track light with PPMA integration optical lens

Application

- Fashion shop
- Childrens clothing store
- Childrens toy shop

Benefits

- High color expressive: Ra>90, R9>50
- Accurate lighting distribution: provide natural and comfortable lighting.
- Uniform and professional lighting: similar led bin code, professional CCT specially designed for stores.
- Flexible and durable: made from quality material and double rotational structure makes fixture more flexible and durable
- Efficient heat dissipation: unique air- intake grille structure, take excellent advantage for heat dissipation.

Structure and details



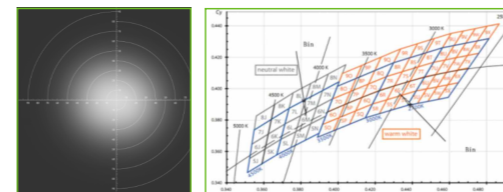
Structure and design

Double rotational structure and die cast aluminum alloy ADC12 body/spindle. Quality suspension structure and material are more flexible and safety when using.



New technology of light source

Use quality COB chip which has high CRI: Ra>90 and R9>50, can enhance the color expressive for illuminated objective and also makes lighting more comfortable.



Uniform illuminating colour

- Quality chip: similar led bin code for every chip.
- SDCM ≤ 3 step MacAdam
- CCT: 3500K, professional CCT for stores.
- 4 different types of beam angles are provided (narrow, middle, wide and broad).

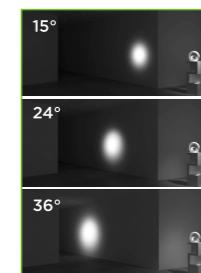
Technical details

- COB LED
- CCT: 3000K, 3500K, 4000K or 5700K
- Wattages: 35W or 50W
- Beam angle: 15°, 24° or 36°
- CRI: 90
- PF > 0.9
- Colour: white
- Driver: include constant current driver
- Rated life: 30,000hours
- Mounted way: track mounted
- IP Rate: IP20



Heat radiation structure

Air-intake grille structure will increase efficiency of the cross-ventilation. Better heat dissipation, heat source is under 85 degrees centigrade when lighting. Life span is up to 30,000 hours.



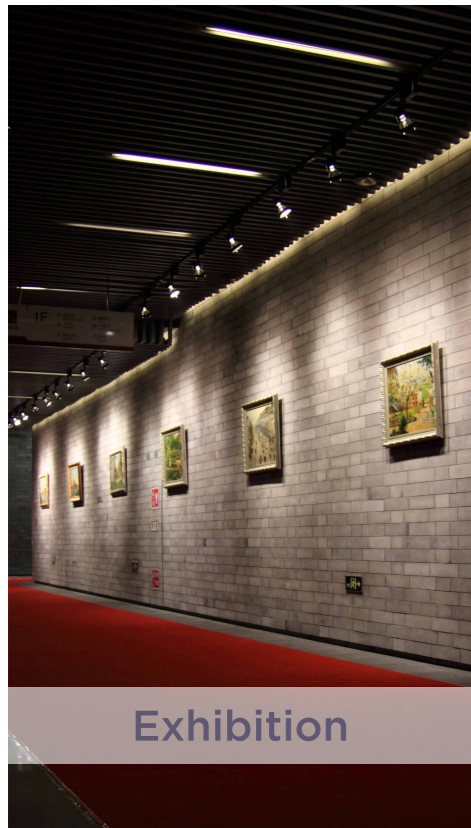
Accurate lighting distribution

no subsidiary light spot, can provide natural and comfortable lighting.

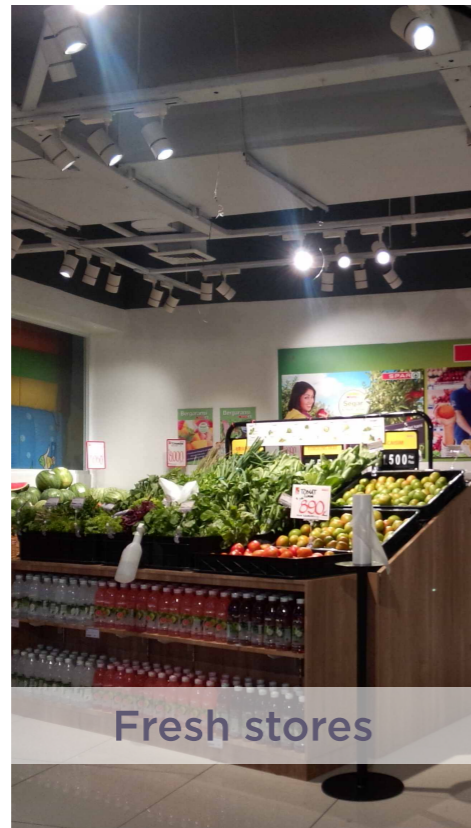
Application



Fashion shop



Exhibition

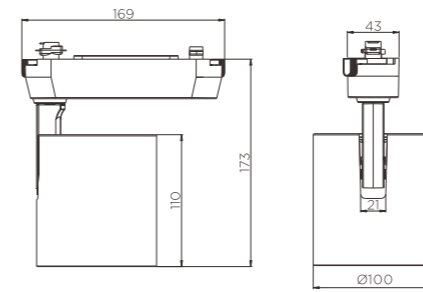


Fresh stores

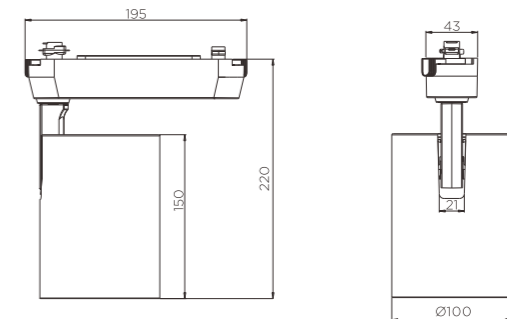


Showcase

Dimensions

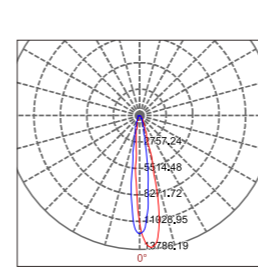


NTRLED335 35W



NTRLED335D 50W

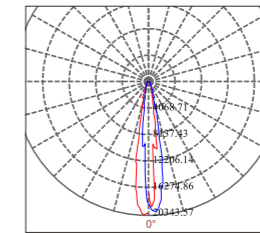
Photometric data



Beam angle of C0 plane 16.64

Distance (m)	Illuminance (lx)	Beam diameter (cm)
1.0m	13786.2, 8899.4 lx	29.50cm
2.0m	3446.5, 2224.8 lx	59.00cm
3.0m	1531.8, 988.0 lx	88.49cm
4.0m	861.6, 556.2 lx	117.99cm
5.0m	551.4, 356.0 lx	147.49cm
6.0m	382.9, 247.2 lx	176.99cm
7.0m	281.4, 181.6 lx	206.48cm

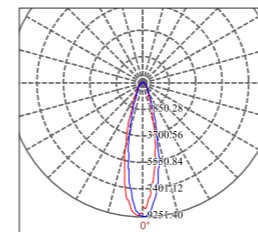
NTRLED335 35W 15°



Beam angle of C180 plane 13.53

Distance (m)	Illuminance (lx)	Beam diameter (cm)
1.0m	20343.6, 13306.5 lx	23.78cm
2.0m	5085.9, 3326.6 lx	47.57cm
3.0m	2269.4, 1478.5 lx	71.35cm
4.0m	1271.5, 831.7 lx	95.13cm
5.0m	813.7, 532.3 lx	118.92cm
6.0m	565.1, 369.6 lx	142.70cm

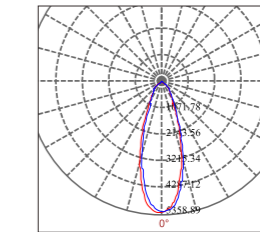
NTRLED335D 50W 15°



Beam angle of C120 plane 25.49

Distance (m)	Illuminance (lx)	Beam diameter (cm)
1.0m	9251.4, 7219.3 lx	45.24cm
2.0m	2312.8, 1804.8 lx	90.49cm
3.0m	1027.9, 802.1 lx	135.73cm
4.0m	578.2, 451.2 lx	180.98cm
5.0m	370.1, 288.8 lx	226.22cm
6.0m	257.0, 200.5 lx	271.46cm

NTRLED335D 50W 24°



Beam angle of C180 plane 35.72

Distance (m)	Illuminance (lx)	Beam diameter (cm)
1.0m	5158.9, 4299.1 lx	64.46cm
2.0m	1289.7, 1074.8 lx	128.92cm
3.0m	595.4, 477.7 lx	193.37cm
4.0m	334.9, 268.7 lx	257.83cm
5.0m	214.4, 172.0 lx	322.29cm
6.0m	148.9, 119.4 lx	386.75cm

NTRLED335D 50W 36°

Ordering Information

Model	Color temp.	Lumens	CRI	PF	Beam Angle	cd/m ²	QTY/CTN	CTN Dimension
NTRLED335 35W	3000K/3500K/4000K/5700K	2100 lm	90	0.9	15°	9800	6pcs	455x380x230mm
NTRLED335 35W	3000K/3500K/4000K/5700K	2100 lm	90	0.9	24°	9020	6pcs	455x380x230mm
NTRLED335 35W	3000K/3500K/4000K/5700K	2100 lm	90	0.9	36°	3840	6pcs	455x380x230mm
NTRLED335D 50W	3000K/3500K/4000K/5700K	3,000 lm	90	0.9	15°	27000	6pcs	495x380x280mm
NTRLED335D 50W	3000K/3500K/4000K/5700K	3,000 lm	90	0.9	24°	11800	6pcs	495x380x280mm
NTRLED335D 50W	3000K/3500K/4000K/5700K	3,000 lm	90	0.9	36°	5240	6pcs	495x380x280mm



NMTLED 585* LED Multiple Light



Applications

- Widely used in the marketplaces, stores, exhibition halls or other place where need professional and accent lighting.

Benefits

- **Neat and clean:** uniform and delicate style make the ceiling neat and beautiful.
- **Excellent lighting effect:** better glare proof control and large optical lens can deliver an accurate and uniform lighting.
- **Selectable:** beam angle and wattage are available to choose, based on the different illumination requirements.
- **Flexible adjustment design:** broader lighting angles are provided.

Options

- Choice of 3 structure types: 1-light/2-light/3-light
- Choice of 2 bezel colours: 99-semi white/04-black

Technical details

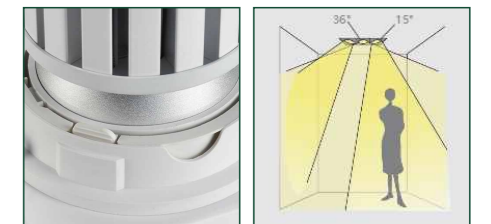
- Light source: COB LED
- Material: aluminium profile
- Voltage rating: AC220V-240V
- CCT: 3000K, 3500K, 4000K or 5700K
- Beam angle: 15°, 24° or 36°
- Choice of wattages: 24W/35W for 1-light, 48/70W for 2-light, 72W/105W for 3-light
- CRI: > 80
- PF: > 0.95
- Rated life: 30,000hours
- Mounting ways: recessed
- Driver mode: included constant current driver

Structure and details



Uniform dimension

NLED 585 series is made from one-piece metal bezel with quality spray process, different power (from 9W to 35W) but the same dimension which will make the ceiling clean and neat.



Original buckles design

- Selectable beam angle and wattage can satisfy the different illumination requirements because of the originality buckles design.
- There are 2 types of light source module(24W/35W) can be chosen and replaced by customers.
 - Separable cover, light source module and driver are easier to satisfy the SKD delivery requirement.
 - Saving maintenance costs, NSPLD 585* only need to change its light source module, instead of changing the whole lamp, thus can save the maintenance costs.



Optical design

- Structure and quality lighting** - Better glare proof design and quality COB chip help to provide a clear and comfortable light effect.
- Accurate optical distribution** - Large optical lens helps to provide uniform and accurate distribution which makes your commodity more attractive.



Angle adjustment design

Extensive lighting angles are achieved by horizontal rotation up to 355 degree and the single axle design of 30 degree elevation adjustment. They can be more flexible for illuminating objects.



Modular high power multiple lights

Applications



Fashion store

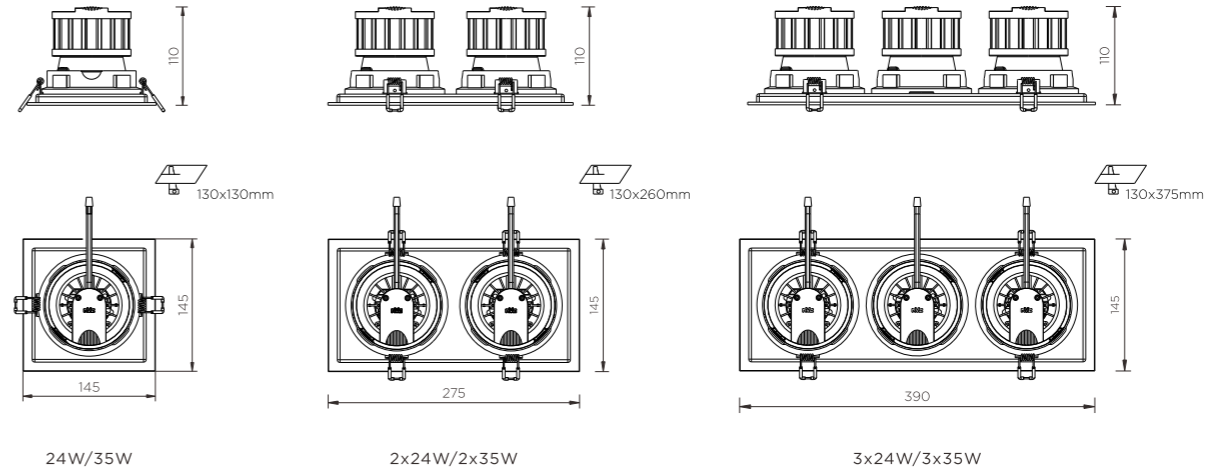


restaurant

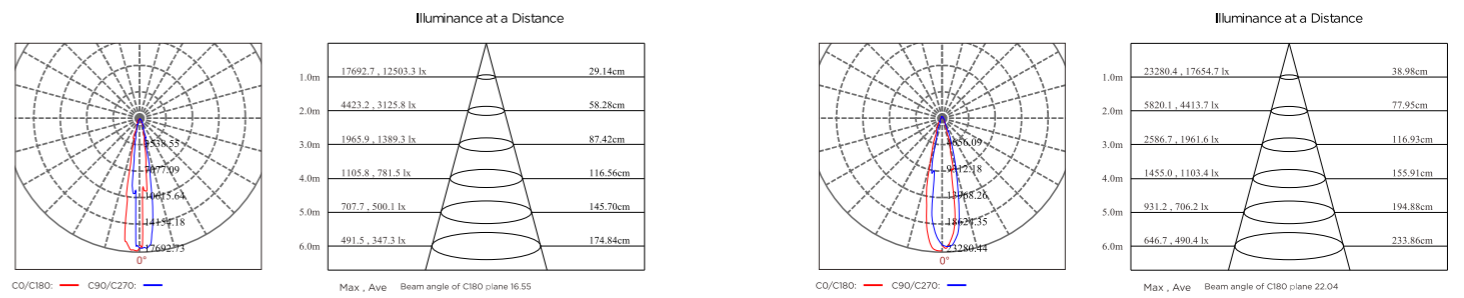


supermarket

Dimensions

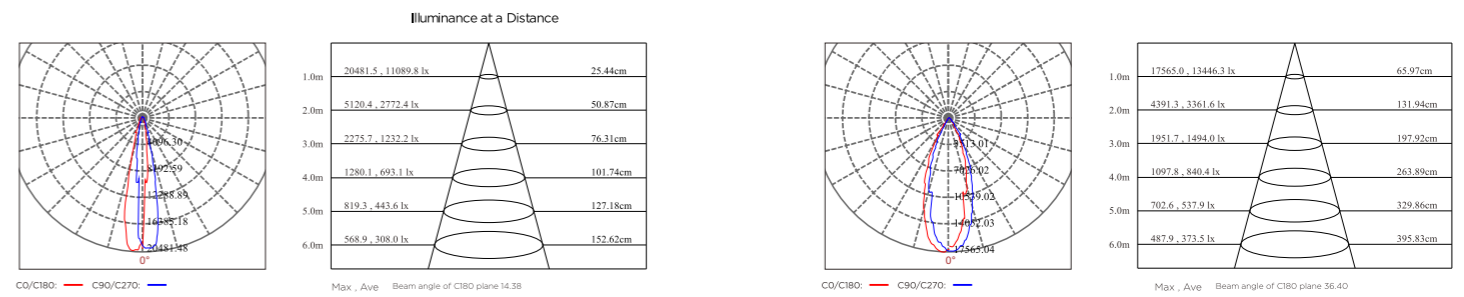


Photometric data



NMTLED5851C 24W 15°

NMTLED5851C 24W 24°



NMTLED5851D 35W 15°

NMTLED5851D 35W 36°

Ordering Information

Model	Color temp.	Lumens	CRI	PF	Beam Angle	QTY/CTN	CTN Dimension
NMTLED5851C 24W	3000K/3500K/4000K/5700K	2140lm	80	0.95	15°/24°/36°	18pcs	505x345x400mm
NMTLED5852C 2x24W	3000K/3500K/4000K/5700K	4270lm	80	0.95	15°/24°/36°	12pcs	600x345x400mm
NMTLED5853C 3x24W	3000K/3500K/4000K/5700K	6320lm	80	0.95	15°/24°/36°	6pcs	420x345x400mm
NMTLED5851D 35W	3000K/3500K/4000K/5700K	2800lm	80	0.95	15°/24°/36°	18pcs	505x375x445mm
NMTLED5852D 2x35W	3000K/3500K/4000K/5700K	5300lm	80	0.95	15°/24°/36°	12pcs	600x345x445mm
NMTLED5853D 3x35W	3000K/3500K/4000K/5700K	8370lm	80	0.95	15°/24°/36°	6pcs	420x345x445mm



NMTLED 52*



Applications

- Showcases
- Marketplaces
- Offices
- Stores
- Residences

Benefits

- Mini size: exquisite size and appearance, applies to illuminate at a narrow space like showcases or elevators etc.
- Excellent optical effect: excellent glare proof design, shielding angle is more than 35°, light is more comfortable.
- Multiple dimensions and specifications can be chosen, can satisfy different application requirements.

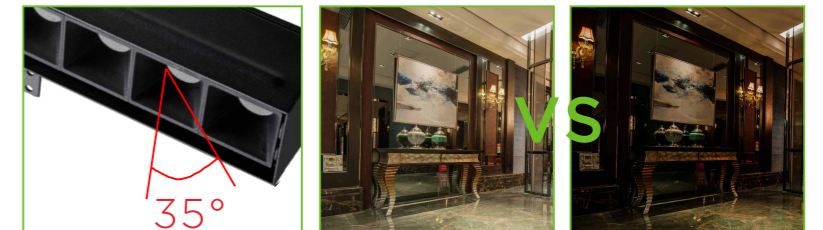
Options

- structure: 1 light, 2 lights, 3 lights, 4 lights, 5 lights or 10 lights
- colour: 99-white, 18-silver grey or 04-black(rimless)
- Type model: recessed, rimless or adjustable

Technical details

- COB LED
- CCT: 3000K, 3500K or 4000K
- Wattages: 3W for 1 light, 6W for 2 lights, 9W for 3 lights etc.
- Beam angle: 12°, 30°, 50°
- CRI: 90
- PF> 0.45 or 0.9
- Driver: Separate driver included
- Rated life: 30,000hours
- Mounting: recessed mounted
- IP Rate: IP20
- Certification: CE

Structure and details



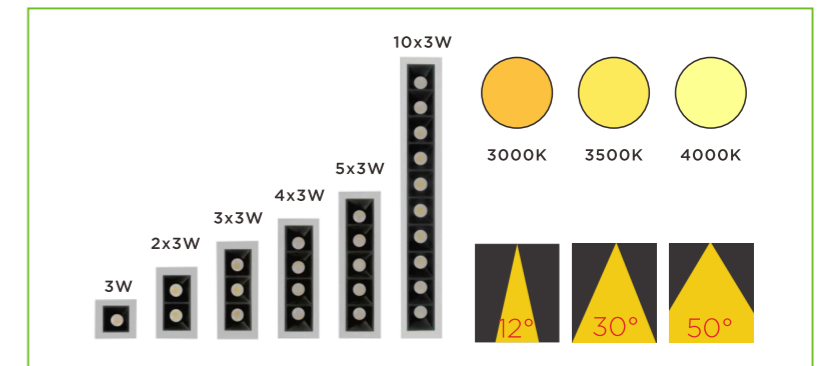
Exquisite size

Seamless connection technology and exquisite size (width is less than 50mm) not only can make the fixture more fashionable but also can increase the uniformity level of lighting.

Excellent optical effect

Shielding angle is up to 35°, excellent glare proof design and professional light distribution will bring a uniform lighting effect and can provide a comfortable lighting environment.

Mini Multiple Lights



Complete range of specifications

3 different types of series, beam angles, CCT and 6 types of wattages can be chosen, can satisfy different application requirements.

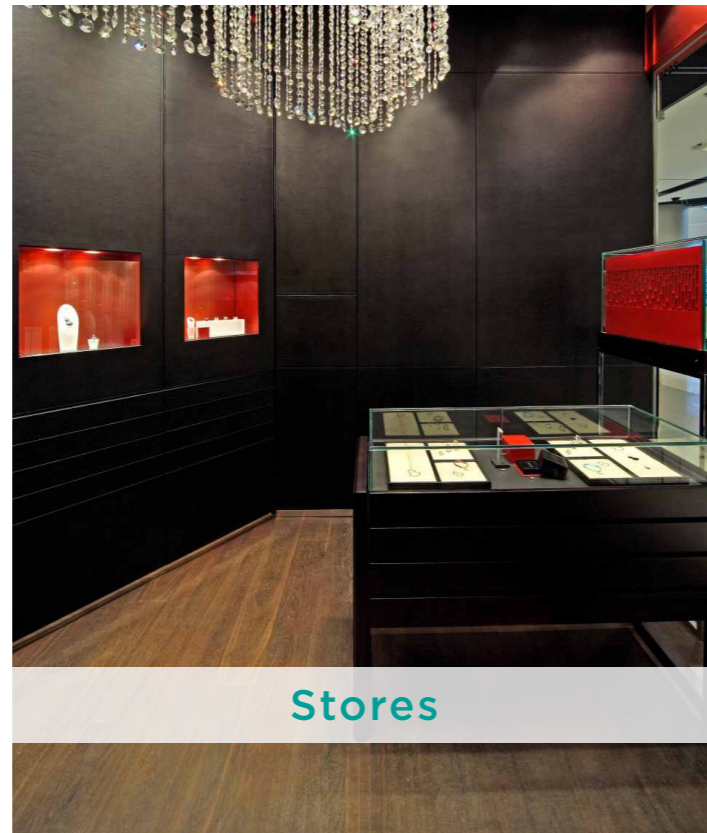
Applications



Showcases

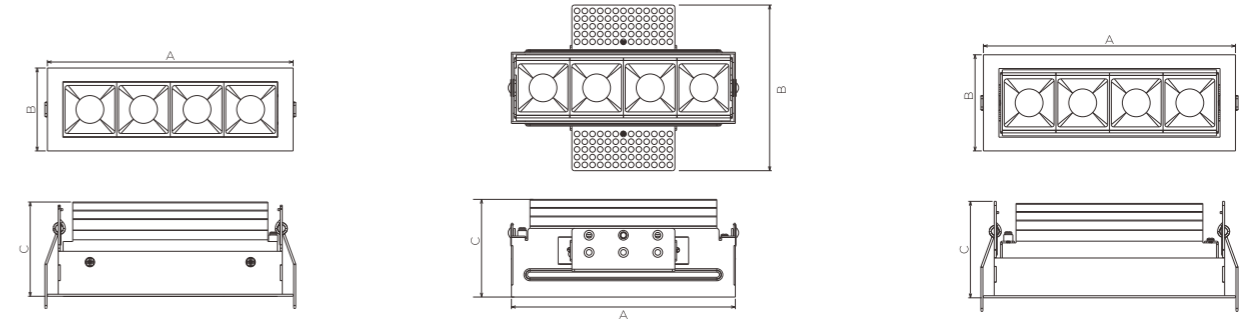


Residences



Stores

Dimensions



NMTLED52*A

Model	A	B	C
3W	50	48	55
2x3W	81	48	55
3x3W	112	48	55
4x3W	143	48	55
5x3W	174	48	55
10x3W	330	48	55

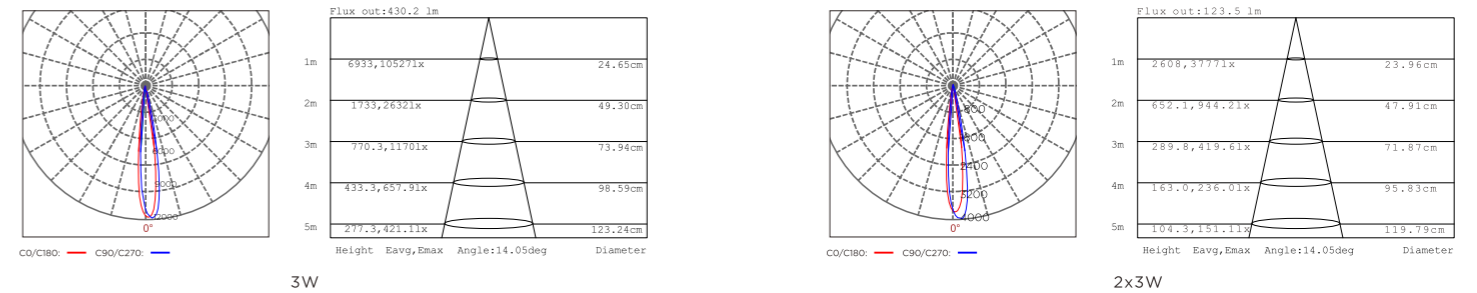
NMTLED52*B

Model	A	B	C
3W	37	97	57
2x3W	68	97	57
3x3W	99	97	57
4x3W	130	97	57
5x3W	160	97	57
10x3W	318	97	57

NMTLED52*C

Model	A	B	C
3W	53	56	56
2x3W	84	56	56
3x3W	116	56	56
4x3W	147	56	56
5x3W	178	56	56
10x3W	334	56	56

Photometric Data

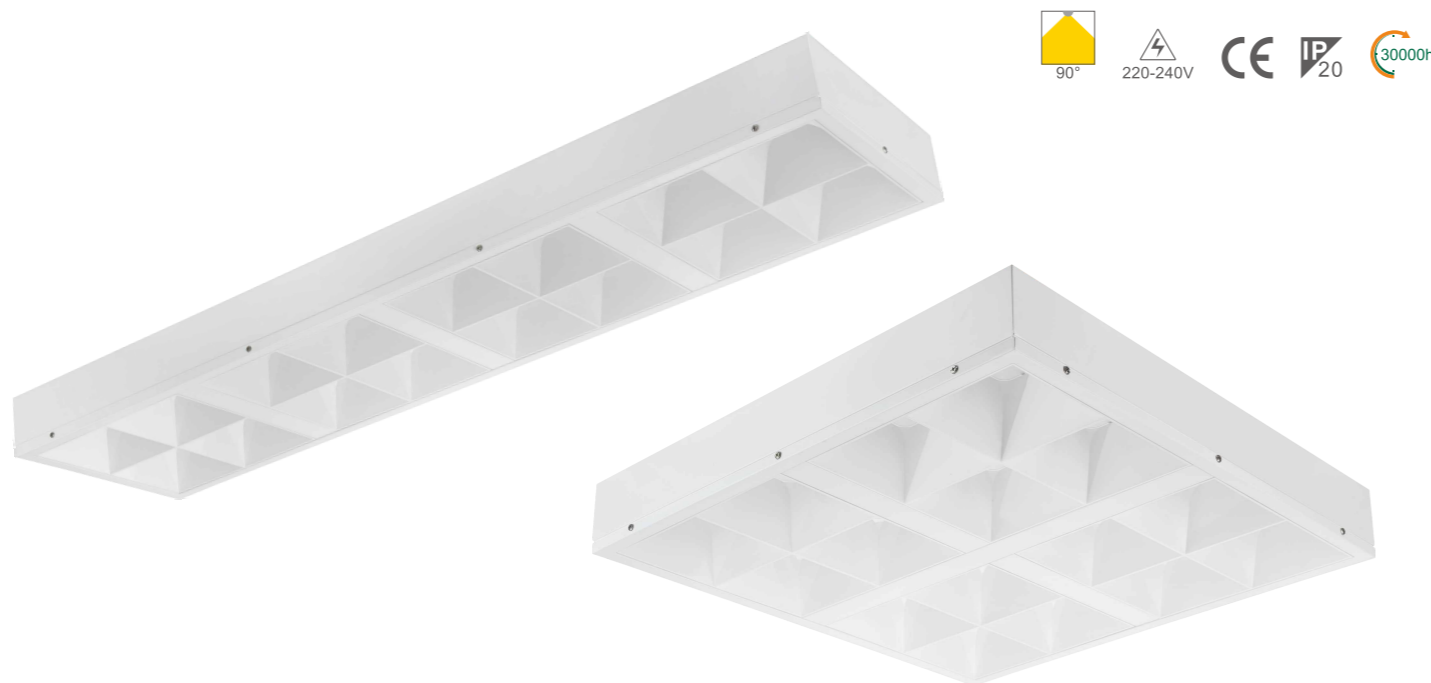
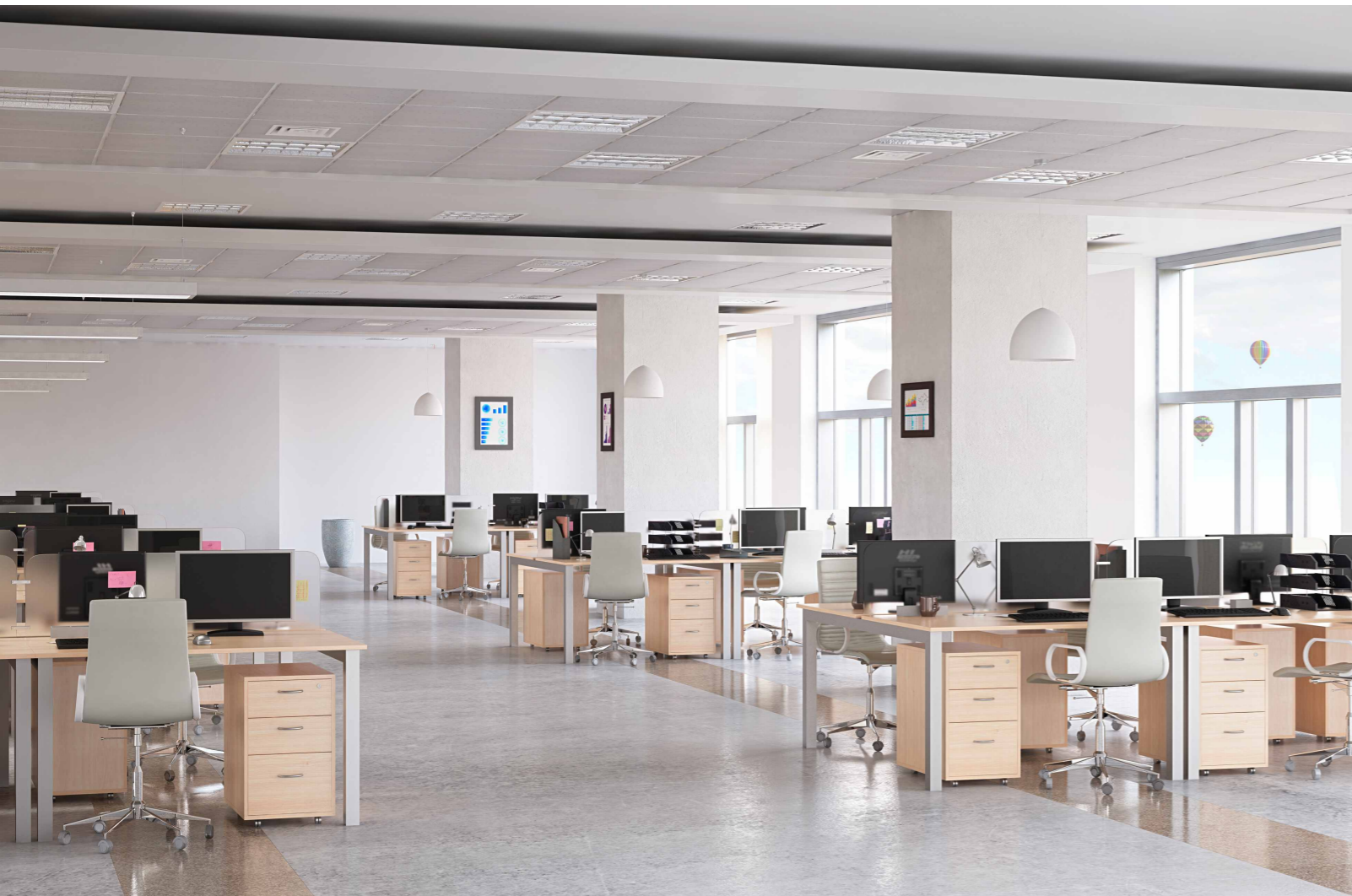


Please contact NVC sales for more IES information.

Ordering Information

Model	Color temp.	Lumens	CRI	PF	Beam Angle	QTY/CTN	CTN Dimension
NMTLED5201A 3W	3000K/3500K/4000K	150 lm	90	0.45	12°/30°/50°	60pcs	545x440x315
NMTLED5202A 2X3W	3000K/3500K/4000K	320 lm	90	0.45	12°/30°/50°	60pcs	545x440x315
NMTLED5203A 3X3W	3000K/3500K/4000K	500 lm	90	0.9	12°/30°/50°	48pcs	560x440x315
NMTLED5204A 4X3W	3000K/3500K/4000K	640 lm	90	0.9	12°/30°/50°	36pcs	505x440x315
NMTLED5205A 5X3W	3000K/3500K/4000K	900 lm	90	0.9	12°/30°/50°	30pcs	545x420x315
NMTLED5210A 10X3W	3000K/3500K/4000K	1,800 lm	90	0.9	12°/30°/50°	15pcs	545x385x315
NMTLED5201B 3W rimless	3000K/3500K/4000K	150 lm	90	0.45	12°/30°/50°	60pcs	545x440x315
NMTLED5202B 2X3W rimless	3000K/3500K/4000K	320 lm	90	0.45	12°/30°/50°	60pcs	545x440x315
NMTLED5203B 3X3W rimless	3000K/3500K/4000K	500 lm	90	0.9	12°/30°/50°	48pcs	560x440x315
NMTLED5204B 4X3W rimless	3000K/3500K/4000K	640 lm	90	0.9	12°/30°/50°	36pcs	505x440x315
NMTLED5205B 5X3W rimless	3000K/3500K/4000K	900 lm	90	0.9	12°/30°/50°	30pcs	545x420x315
NMTLED5210B 10X3W rimless	3000K/3500K/4000K	1,800 lm	90	0.9	12°/30°/50°	15pcs	545x385x315
NMTLED5201C 3W adjustable	3000K/3500K/4000K	150 lm	90	0.45	12°/30°/50°	60pcs	545x440x315
NMTLED5202C 2X3W adjustable	3000K/3500K/4000K	320 lm	90	0.45	12°/30°/50°	60pcs	545x440x315
NMTLED5203C 3X3W adjustable	3000K/3500K/4000K	500 lm	90	0.9	12°/30°/50°	48pcs	560x440x315
NMTLED5204C 4X3W adjustable	3000K/3500K/4000K	640 lm	90	0.9	12°/30°/50°	36pcs	505x440x315
NMTLED5205C 5X3W adjustable	3000K/3500K/4000K	900 lm	90	0.9	12°/30°/50°	30pcs	545x420x315
NMTLED5210C 10X3W adjustable	3000K/3500K/4000K	1,800 lm	90	0.9	12°/30°/50°	15pcs	545x385x315

NTFLED41* Troffer (UGR<16)



Applications

- Schools, hospitals and offices

Benefits

- Highly close to natural light, creating a healthy & comfortable lighting environment.
- Up to 50% lower power consumption, compared with Fluorescent louvers.
- Low maintenance costs with modularized design.

Structure and details

Options

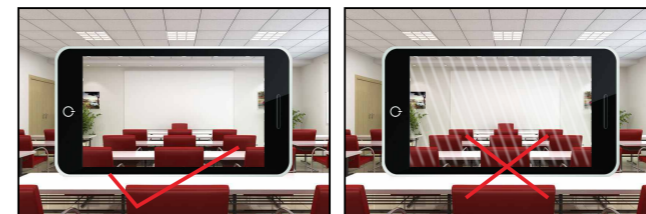
- Sizes: 2 standard sizes available. 298x1198mm, 598x598mm
- Surface mounted(M). Folded fixing lugs on rear for surface mounting included.

Technical Details

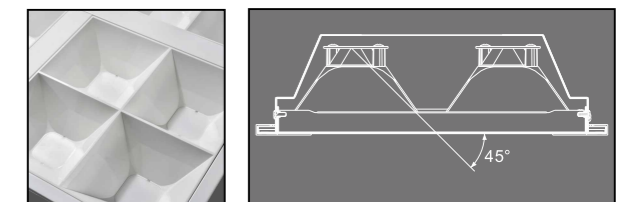
- SMD LEDs
- CRI > 90
- PF > 0.95
- SDCM <2
- CCT: 3500, 4000 or 5000K
- 36W, 3200lm
- Rated life: 30,000hours



Flexible fixing (recessed and surface mounted), meeting various installation requirements.



Low flicker LED driver(<5% ripple), protecting our vision health.



Deep anti-glare design(UGR<16), avoiding discomfort glare & creating comfortable learning environment.

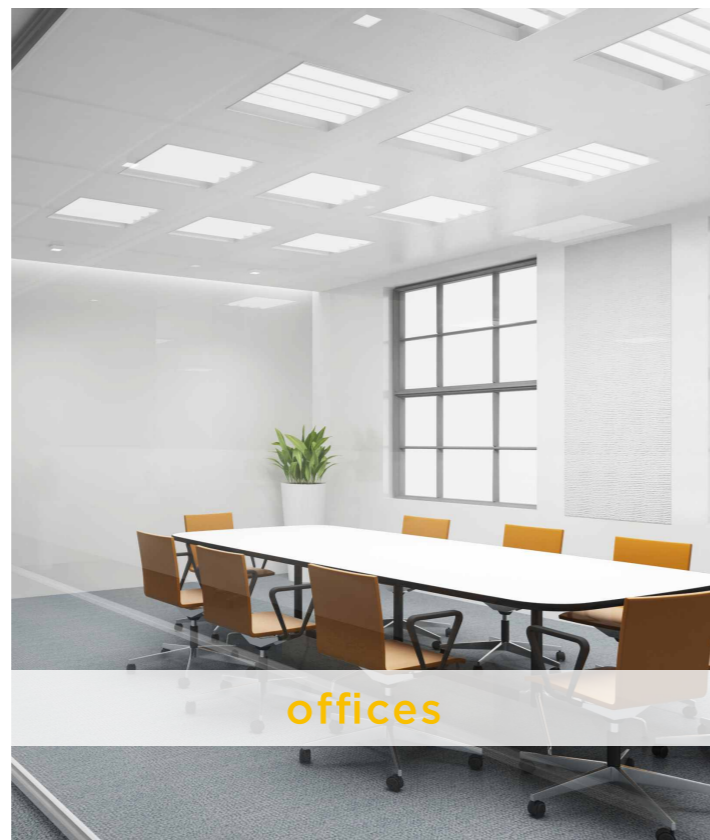
Application



Schools



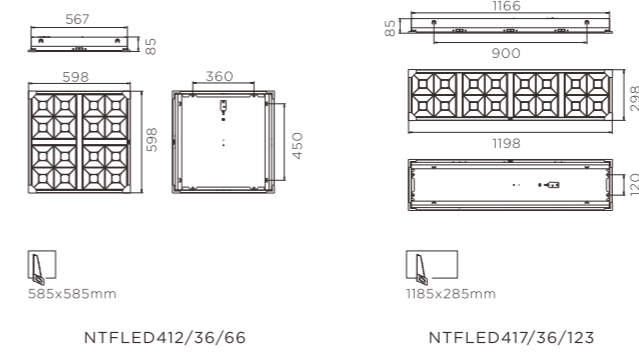
hospitals



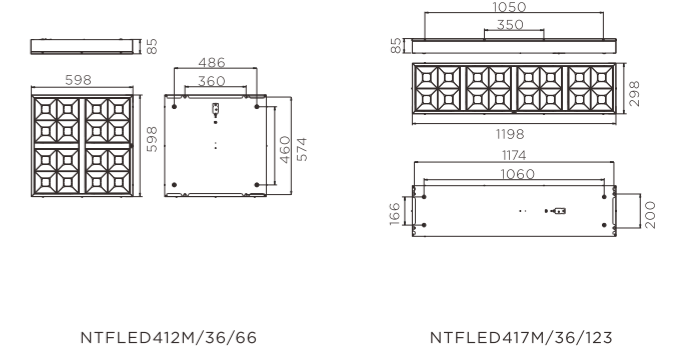
offices

Dimensions

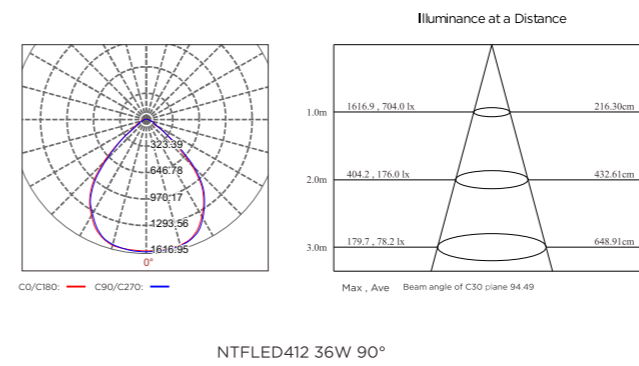
Recessed



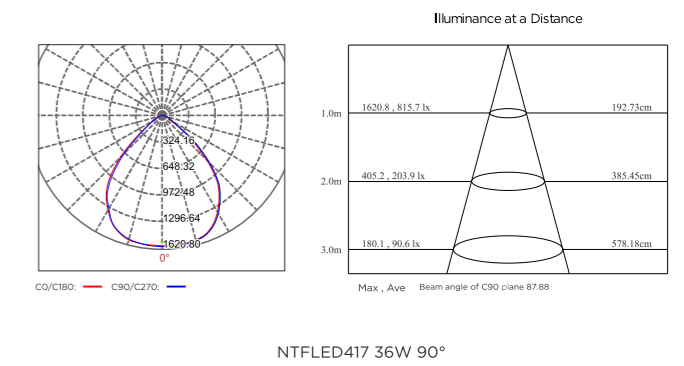
Surface mounted



Photometric data



NTFLED412 36W 90°



NTFLED417 36W 90°

Ordering Information

Model	Watt	Color temp.	Lumens	CRI	PF	Beam Angle	QTY/CTN	CTN Dimension
NTFLED412/36/66	36W	3500K/4000K/5000K	3,200 lm	90	0.95	90°	4pcs	633X395X655mm
NTFLED412M/36/66	36W	3500K/4000K/5000K	3,200 lm	90	0.95	90°	4pcs	633X395X655mm
NTFLED417/36/123	36W	3500K/4000K/5000K	3,200 lm	90	0.95	90°	4pcs	1233X395X355mm
NTFLED417M/36/123	36W	3500K/4000K/5000K	3,200 lm	90	0.95	90°	4pcs	1233X395X355mm



LED T5E Glass Batten



Applications

- Residential cove lighting
- Private retail stores
- Advertisement lighting

Technical details

- SMD LEDs
- CRI > 70
- Power factor 0.5
- CCT: 3000K, 4000K or 6500K
- 4 wattages available
- 4W, 380 lm
- 7W, 665 lm
- 11W, 1,045 lm
- 14W, 1,330 lm
- Lifespan 25,000hours

Structure and details

CONSTRUCTION

- SPCC housing by bending and forming processes
- Glass tube with inner nano optical powder coating
- Built-in LED driver included
- Linkable
- 3-wire connector and installation accessories included

Benefits

- Easily replace conventional Fluorescent batten
- Up to 50% lower power consumption, compared with T5 batten
- Almost 3 times longer lifetime than T5 batten (8,000hours)



Application



Retal Store

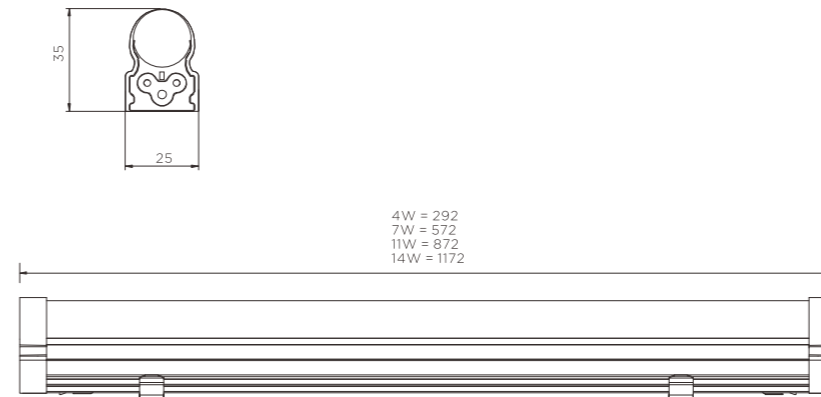


cove lighting

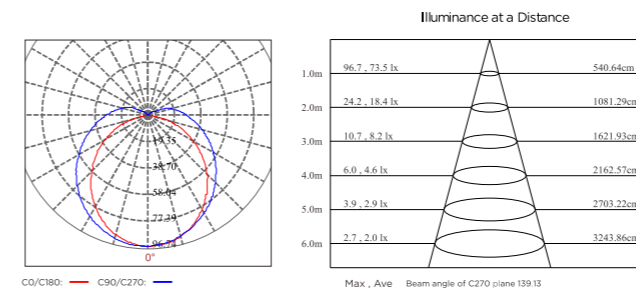


Advertisement Lighting

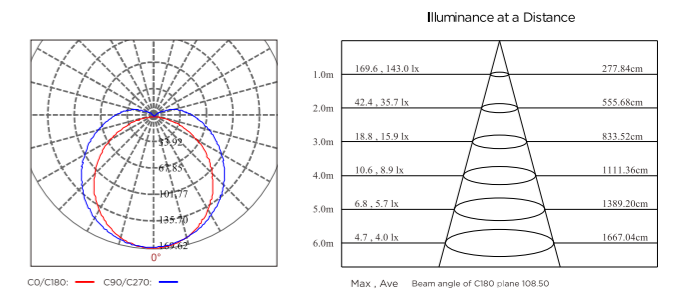
Dimensions



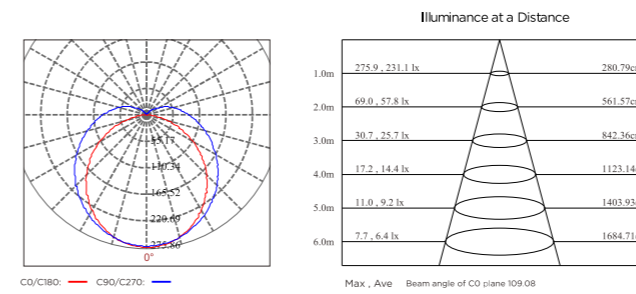
Photometric data



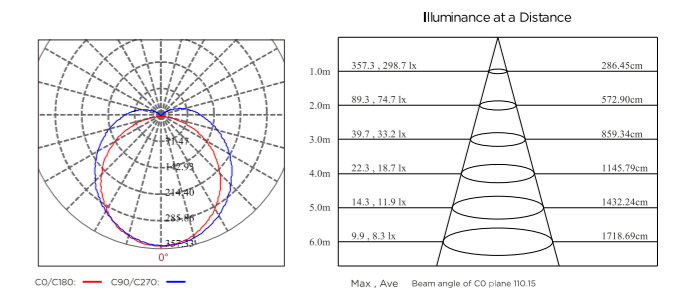
NBTLED T5E4/03



NBTLED T5E7/06



NBTLED T5E11/09

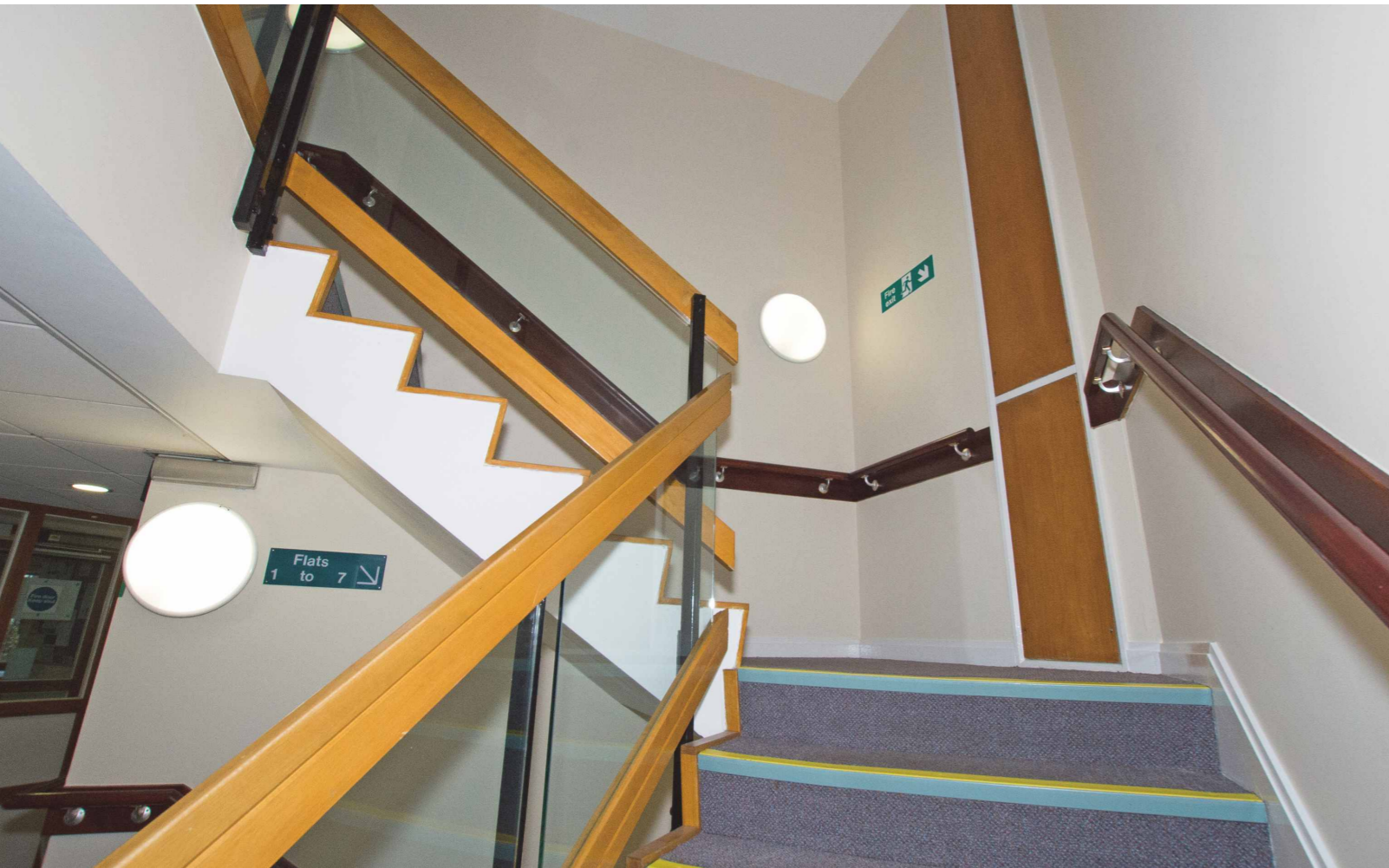


NBTLED T5E14/12

Ordering Information

Model	Input	Color temp.	Lumens	CRI	PF	Beam Angle
NBTLED T5E4/03	220-240V	3000K/4000K/6500K	380 lm	70	0.5	140°
NBTLED T5E7/06	220-240V	3000K/4000K/6500K	665 lm	70	0.5	140°
NBTLED T5E11/09	220-240V	3000K/4000K/6500K	1,045 lm	70	0.5	140°
NBTLED T5E14/12	220-240V	3000K/4000K/6500K	1,330 lm	70	0.5	140°

NPXLED1007* High lumen efficiency PC ceiling lamp



Applications

- Residences
- Corridors
- Balconies
- Hotels
- Exhibition halls
- Restaurants
- Storerooms

Benefits

- High lumen efficiency, up to 100LM/W
- Whole aluminium board, high heat- dissipation efficiency
- Easy installation

Structure and details

Technical details

- SMD LEDs
- CCT: 3000K/4000K/6000K
- Wattages: 10W/20W/30W
- Beam angle: 120°
- CRI > 80
- PF > 0.95
- Rated life: 30,000hours
- IP Rate: IP 20



Applications



Corridors

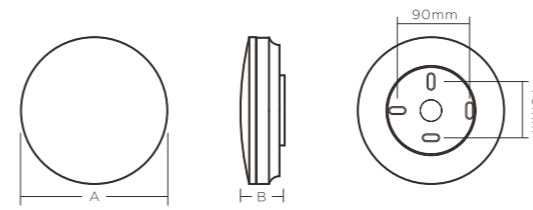


Balconies



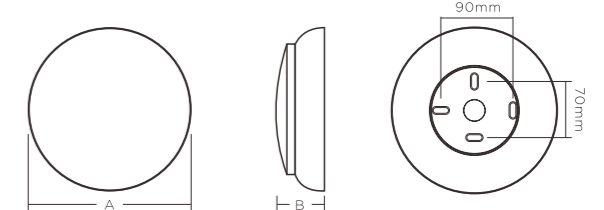
Restaurants

Dimensions



Watts	A	B
10W	Ø240	65
20W	Ø290	70
30W	Ø330	70

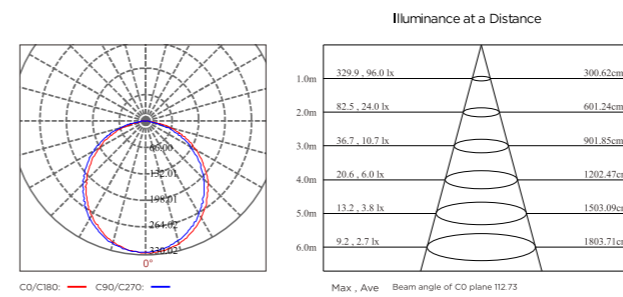
NPXLED1007



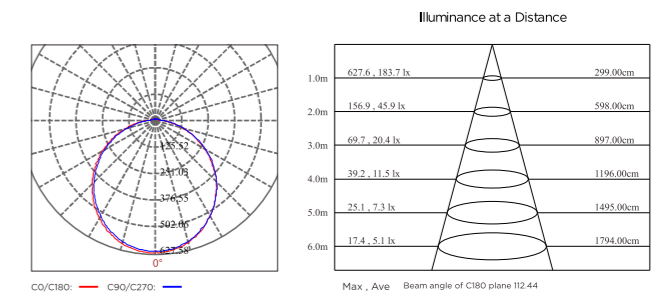
Watts	A	B
10W	Ø300	65
20W	Ø350	70
30W	Ø400	75

NPXLED1009

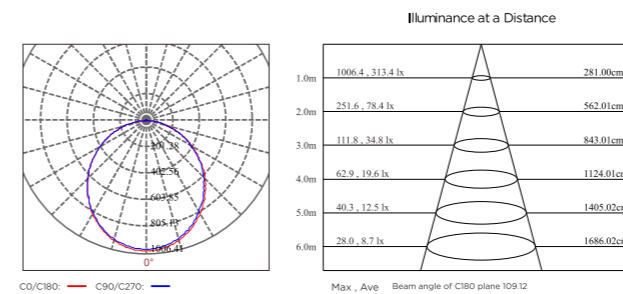
Photometric data



10W 120°



20W 120°



30W 120°

Ordering Information

Model	Color temp.	Lumens	CRI	PF	Beam Angle	QTY/CTN	CTN Dimension
NPXLED1007 10W	3000K/4000K/6000K	1,000 lm	80	0.95	120°	20pcs	505x505x415mm
NPXLED1007 20W	3000K/4000K/6000K	2,000 lm	80	0.95	120°	16pcs	625x625x337mm
NPXLED1007 30W	3000K/4000K/6000K	3,000 lm	80	0.95	120°	12pcs	725x520x375mm
NPXLED1009 10W	3000K/4000K/6000K	1,000 lm	80	0.95	120°	20pcs	505x505x415mm
NPXLED1009 20W	3000K/4000K/6000K	2,000 lm	80	0.95	120°	16pcs	625x625x337mm
NPXLED1009 30W	3000K/4000K/6000K	3,000 lm	80	0.95	120°	12pcs	725x520x375mm

LED T8N*



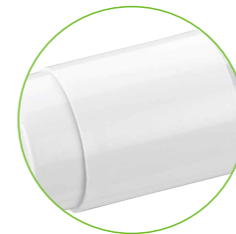
Applications

- Marketplaces
- Warehouses
- Car parks
- Hospitals
- Schools
- Meeting Rooms
- Libraries
- Offices

Technical details

- SMD LEDs
- CCT: 2700K, 4500K or 6000K
- Wattages: 9W or 18W
- Beam angle > 180°
- CRI >70
- PF > 0.5
- Rated life: 20,000hours
- IP Rate: IP20

Structure and details



Plug

PC material, easier maintenance and replacement.



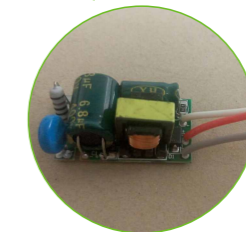
Tube

High light transmittance glass tube with inside PC reflective film, giving wide beam angle, soft light, also with high CRI, no dark space, hard to yellow and easy to clean.



Pin

Quality bronze material with better electrical conductivity and enhanced life span.



IC constant current driver

Smart IC chips in small size and good heat dissipation.



Package & Carton

Unique design of multiple shake proof packaging, protecting tubes during transportation.

Applications



Subway Station

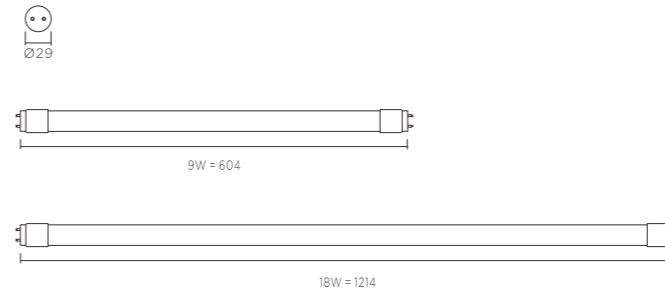


Schools

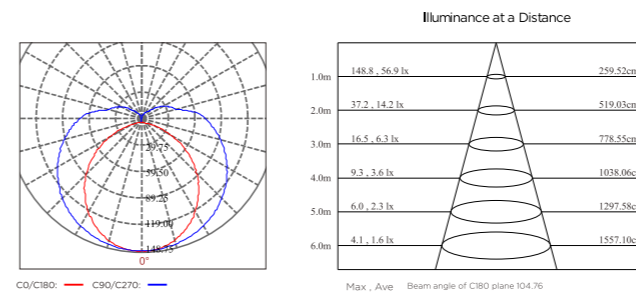


Car Parks

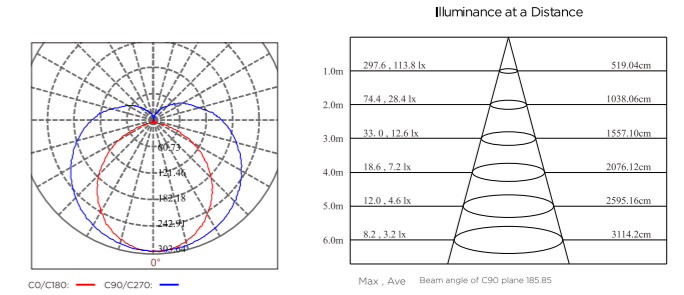
Dimensions



Photometric data



LED T8N 9W



LED T8N 18W

Ordering Information

Model	Color temp.	Lumens	CRI	PF	Beam Angle	QTY/CTN	CTN Dimension
LED T8N 9W	3000K/4500K/6500K	800 lm	70	0.5	180°	30pcs	648x170x175mm
LED T8N 18W	3000K/4500K/6500K	1,600 lm	70	0.5	180°	30pcs	1260x170x175mm

NFDLED103* Essential Flood Light



Applications

- Lawns and gardens
- Building facades
- Sculptures
- Signages
- Car parks

Benefits

- High CRI
- Good lighting effect
- Longer life span
- Lower consumption
- Efficiency driver
- Unique design

Structure and details

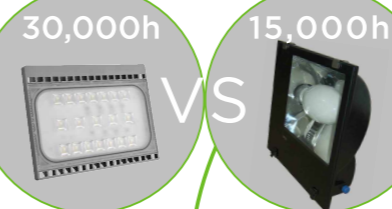
Good lighting effect

Higher lighting efficiency, increased 50% lighting efficiency than traditional flood lights.



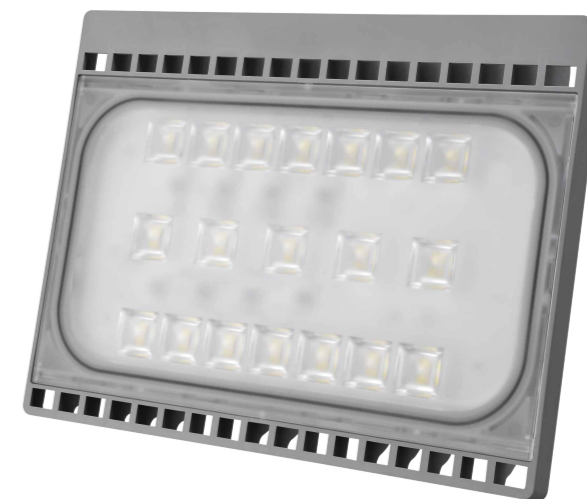
Better color expression

CRI is more than 80Ra, makes color more expressive when illuminating objective and makes lighting more comfortable.



Longer life span

Life span is up to 30,000 hours, two times longer Life span compared with traditional flood lights.



AC constant current LED driver

Smaller size and longer lifespan, more reliable to use and can reduce most of electricity consumption.

50%
Energy saving

Low consumption

Can save 50% energy compared with traditional flood product.

Unique design

Unique style and smaller size, easy to mounted and can be used in many applications.

Applications



Launs

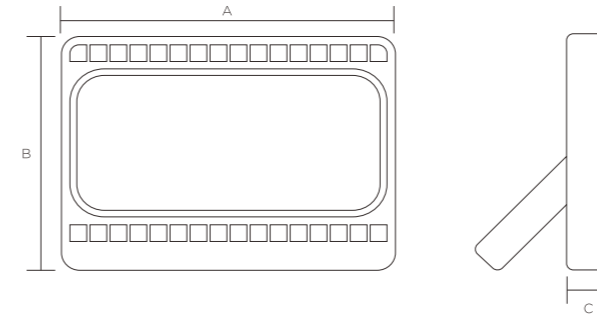


Sculptures



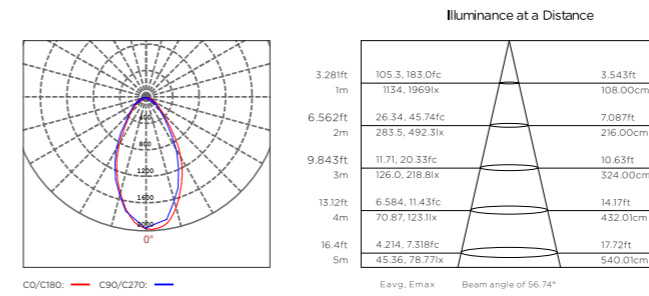
Building facades

Dimensions

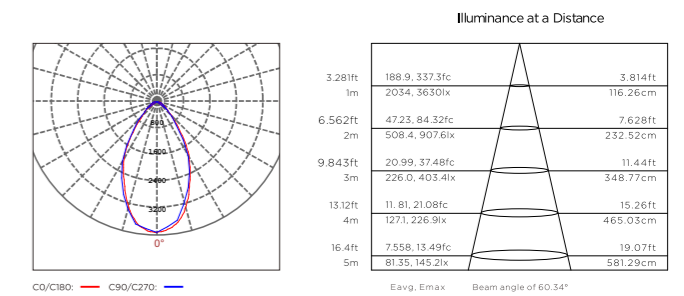


Watts	A	B	C
20W	149	110	34
30W	193	142	34
50W	269	201	38
70W	315	233	41

Photometric data



NFDLED103 30W



NFDLED103 50W

Ordering Information

Model	Input	Color temp.	Lumens	CRI	PF	Beam Angle	IP
NFDLED103 20W	220-240V	3000K/4000K/6500K	1,760 lm	80	0.9	60°	IP65
NFDLED103 30W	220-240V	3000K/4000K/6500K	2,640 lm	80	0.9	60°	IP65
NFDLED103 50W	220-240V	3000K/4000K/6500K	4,400 lm	80	0.9	60°	IP65
NFDLED103 70W	220-240V	3000K/4000K/6500K	6,160 lm	80	0.9	60°	IP65

NLBLED401 Basic IP65 Batten



Applications

- General
- Factories
- Underpasses
- Car parks
- Bus stations
- Storerooms

Benefits

- Brighter
- More reliable
- Longer lifespan
- Space saving
- Lower energy consumption
- Cost saving

Structure and details

Technical details

- SMD LEDs
- CCT : 3000K, 4000K or 6500K
- Wattages: 18W or 36W
- Beam angle : 135°
- CRI: >80
- PF: 0.95
- Rated life : 30,000hours
- IP Rate: IP65

30,000h VS 10,000h

Lifespan up to 30,000 hours, 3 times lifespan compare with fluorescent IP65 batten.

More reliable, integrated PC body can provide excellent water proof performance.

Smaller size, saving transport space, more flexible mounting ways.

50% Energy saving

Lower energy consumption, 50% energy saving compare with fluorescent IP65 Batten.

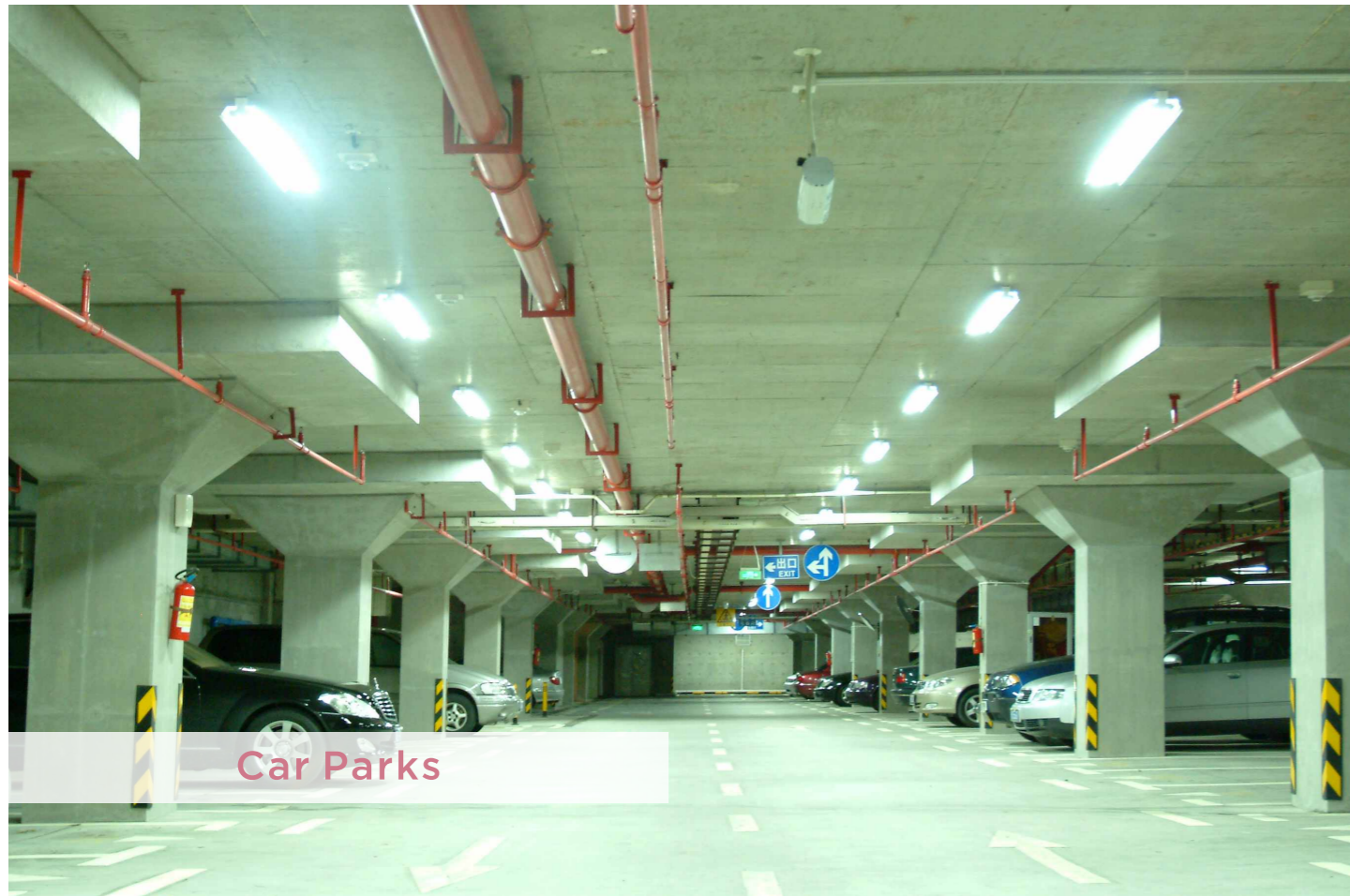
Lower cost because of the lower electric consumption and lower maintenance charge

135° **110-240V** **CE** **IP65** **30000h**

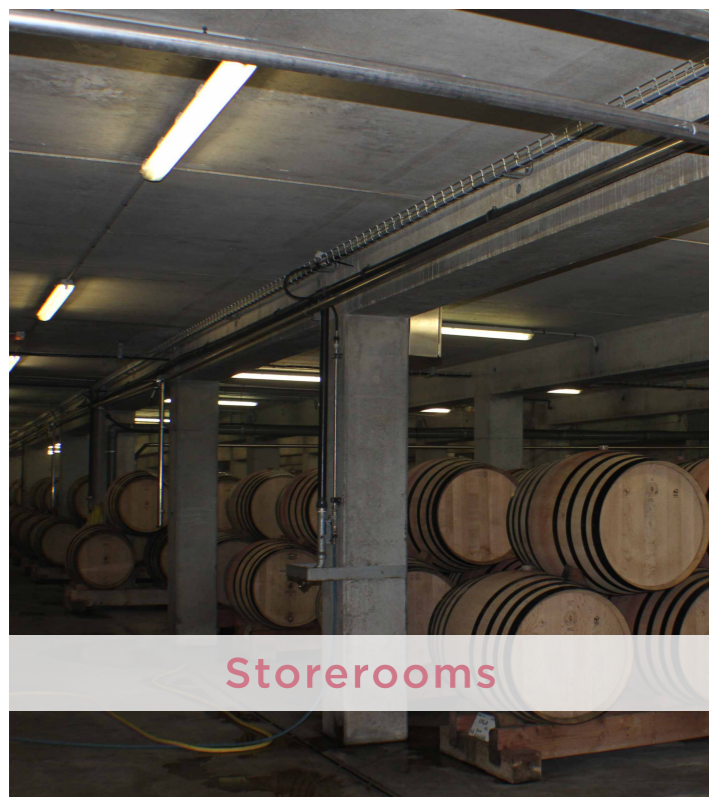
NLBLED401 VS fluorescent Batten

Brighter and higher efficiency, increased 50% lighting efficiency than the traditional fluorescent IP65 batten

Applications



Car Parks



Storerooms

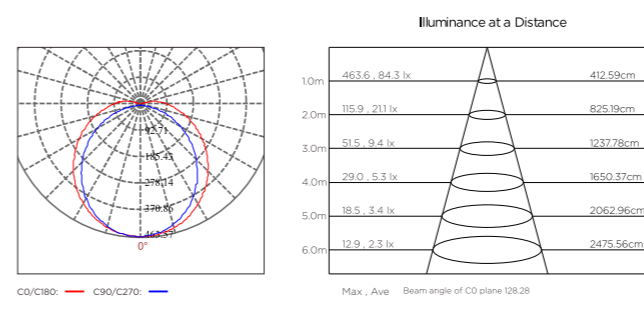


Canteen

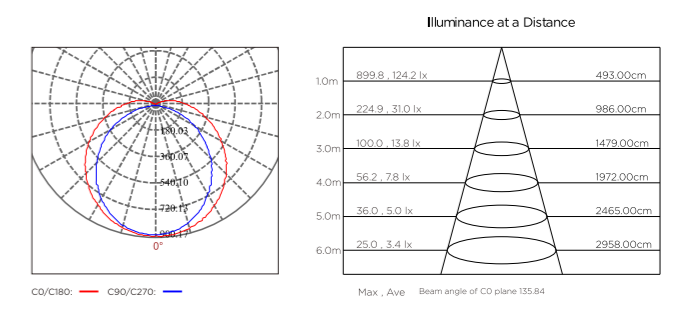
Dimensions



Photometric data



NLBLED401 18W

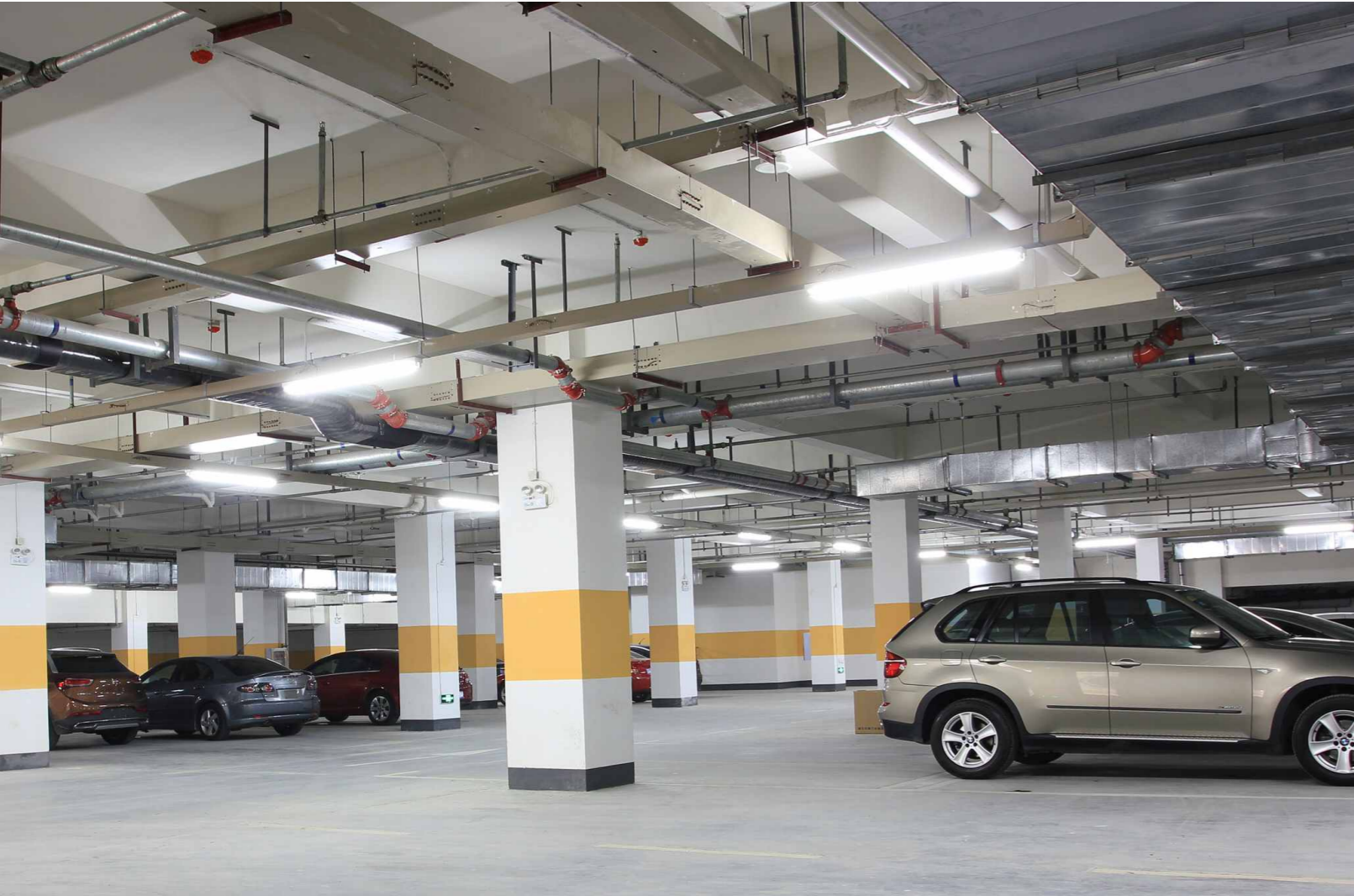


NLBLED401 36W

Ordering Information

Model	Input	Color temp.	Lumens	CRI	PF	Beam Angle	IP
NLBLED401 18W	110-240V	3000K/4000K/6500K	1,584 lm	80	0.95	135°	IP65
NLBLED401 36W	110-240V	3000K/4000K/6500K	3,168 lm	80	0.95	135°	IP65

NLBLED 402* Essential IP65 Batten



Applications

- General
- Factories
- Underpasses
- Car parks
- Bus stations
- Storerooms

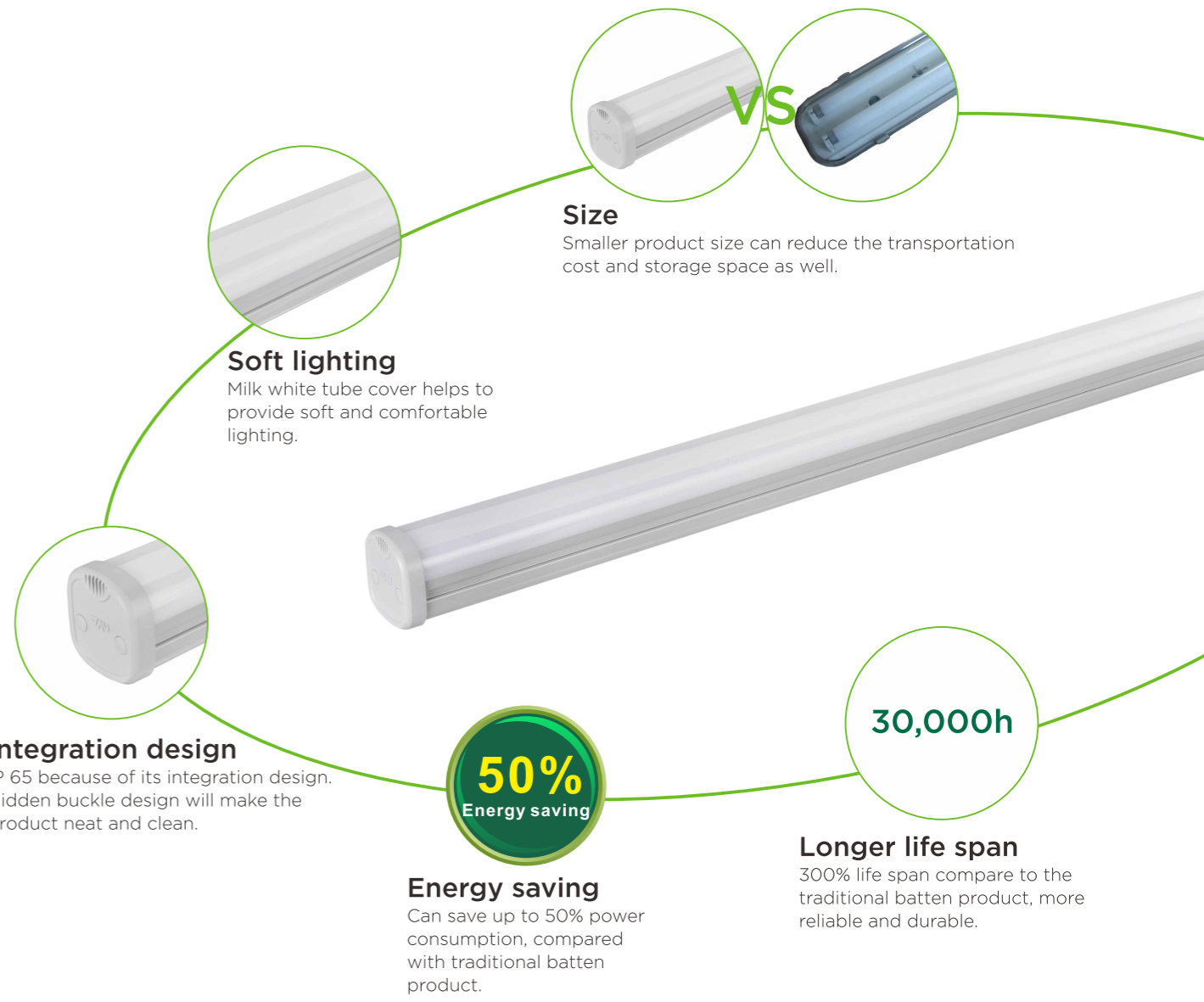
Benefits

- Better water proof grade
- Smaller size
- Longer life span
- Energy saving
- Soft and comfortable lighting

Structure and details

Technical details

- SMD LEDs
- CCT: 3000K, 4000K or 5700K
- Wattages: 16W, 32W or 50W
- Beam angle: 145°
- CRI: >80
- PF: 0.96
- Rated life: 30,000hours
- IP Rate: IP65



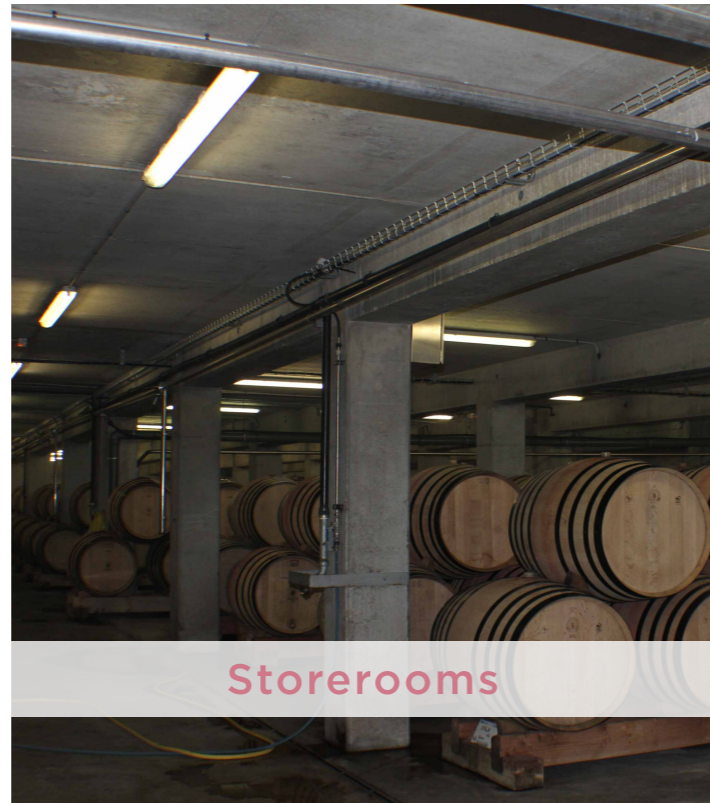
Applications



Warehouse

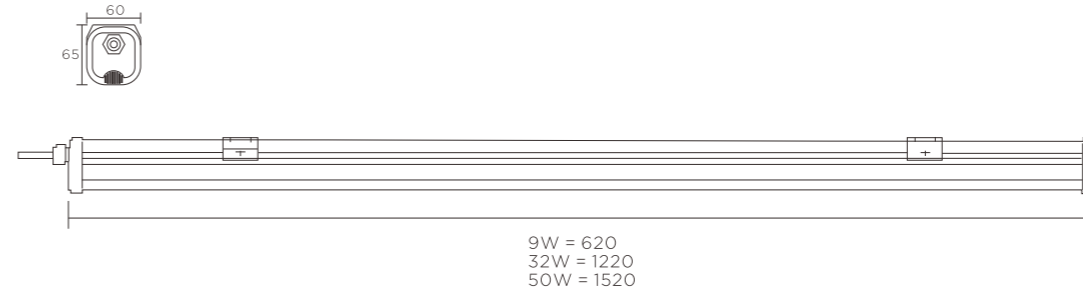


Factories

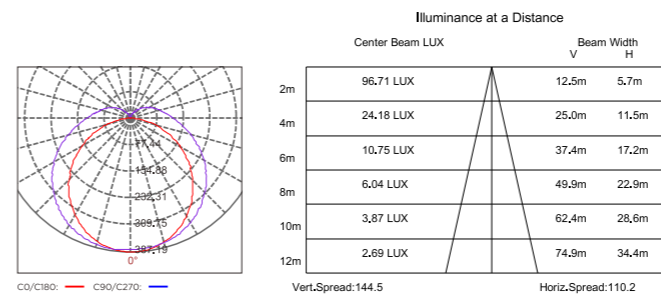


Storerooms

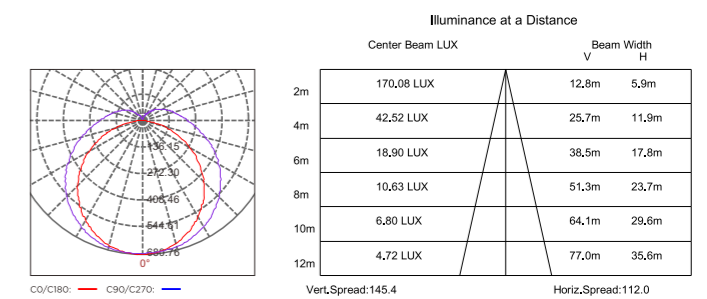
Dimensions



Photometric data



NLBLED402 16W



NLBLED402 32W

Ordering Information

Model	Input	Color temp.	Lumens	CRI	PF	Beam Angle	IP
NLBLED402 16W	220-240V	3000K/4000K/5700K	1,536 lm	80	0.96	145°	IP65
NLBLED402 32W	220-240V	3000K/4000K/5700K	3,072 lm	80	0.96	145°	IP65
NLBLED402 50W	220-240V	3000K/4000K/5700K	4,800 lm	80	0.96	145°	IP65

NFSLED2835-60P/IP65



Applications

- Hotels
- Shops
- Restaurants
- Bars
- Cafes
- Interior projects
- Exterior projects

Technical details

- SMD3528
- CCT: 3000K, 4000K or 6500K
- Wattages: 30W/m
- Beam angle: 120°
- PF > 0.9
- Rated life: 50,000hours
- IP Rate: IP65

Structure and details

Options

- Choice of middle connectors or protection sleeves
- Choice of end-cap or mounting clip

Benefits

- **No flicker:** vision protection,
- **Lumen efficiency:** High lumen efficiency, over 120LM/W,
- **Low lumen depreciation:** Lumen depreciation is less than 10% per year.
- **Longer lifespan:** lifespan is over 50,000hrs.
- **Quality light source:** High quality SMD chips, anti-aging PVC.

Driver & connectors

Use quality aluminium housing for driver, EMC complied and PF is up to 0.95. IP level is 65, can protect from lighting and surging, safe to use in interior and exterior applications.

Stable work conditions

Slight temperature rise for LEDs because there is no voltage pulsing impact.

Uniform illuminating

No flicker, can provide uniform and stable lighting from beginning to the end, even for 50 meters strip.

50,000h VS 20,000h

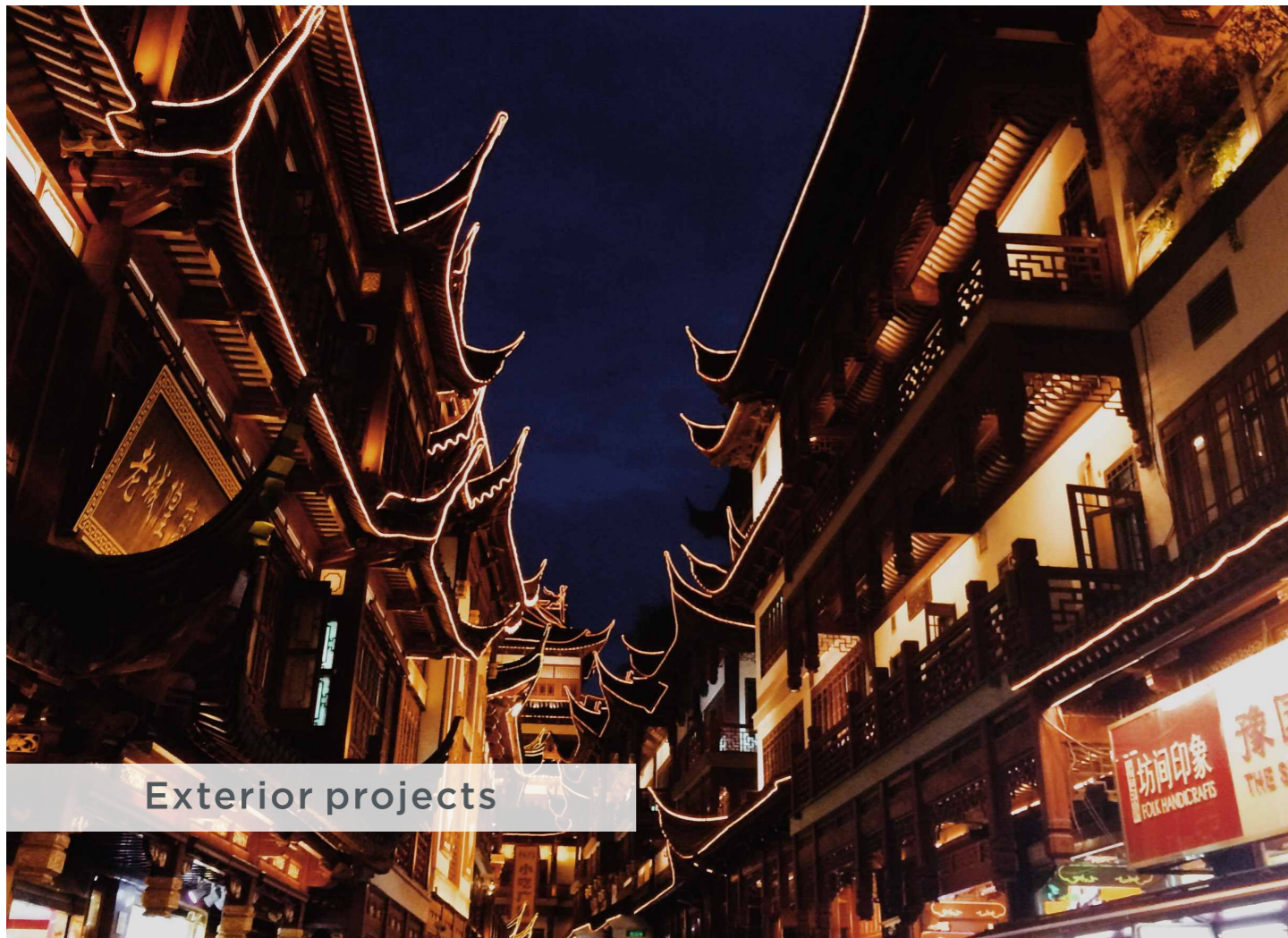
High efficiency and comfortable vision

Offers two times higher lumen efficiency and two point five times longer lifespan than common strips. This series also have benefits on the low maintenance costs, vision protection and no flicker.

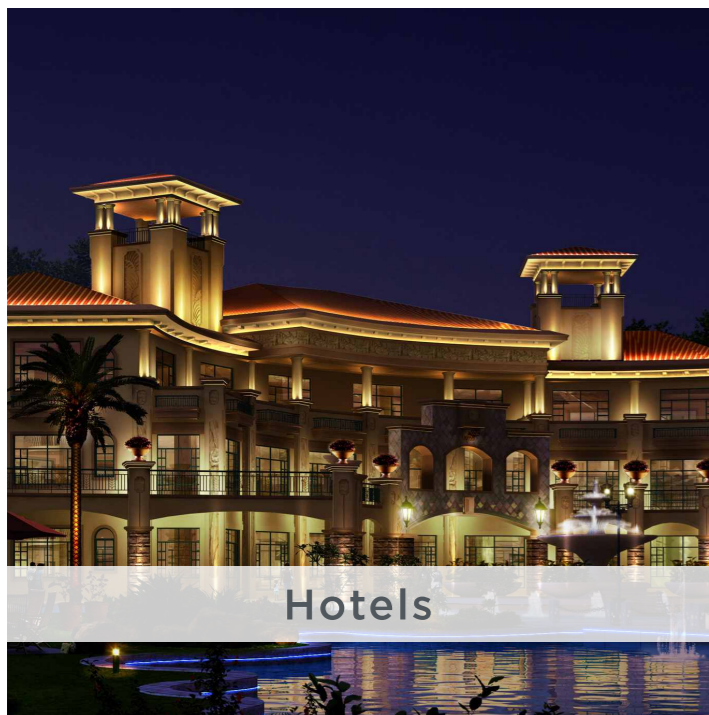
Easy & convenient installation

50 meters strip only need one driver, can be used in many applications (exterior projects) and more convenient mounting available.

Applications



Exterior projects

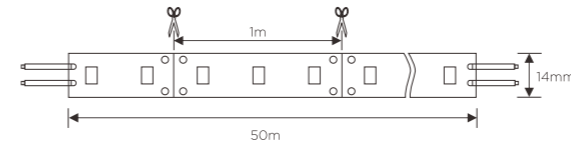


Hotels



Shops

Dimensions



Ordering Information

Model	Input	Color temp.	Lumens	PF	Beam Angle	IP
NFSLED2835-60P/IP65/220V	170-240V	3000K/4000K/6500K	3,600 lm	0.9	120°	IP65

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