



CROMPTON LED & TRADITIONAL LIGHTING CATALOGUE

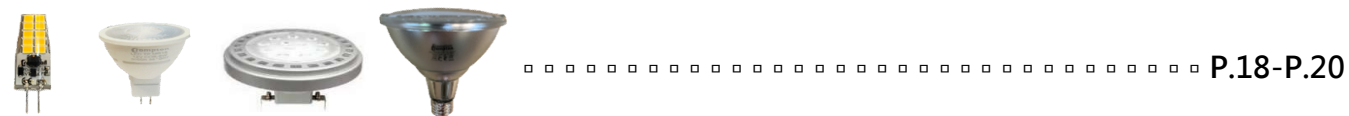
照明產品目錄
2025-2026

Grompton
LAMPS

LED光管



低壓LED光源



直氣LED光源



LED Fitting LED燈具



傳統光源



Other Lamps 其他光源



Ballast 鎮流器



Lighting Concept

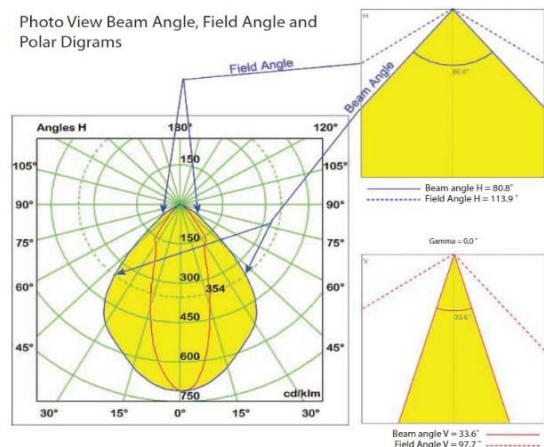
Average Life mentioned in this catalogue in hours is the lamp life being the expected time at which 50% of any large number of lamps reach the end of their individual lives. (*The rated average life is not necessarily the average of all individual lamp lives. It may only be used for comparison, since operating conditions in practice may differ from the specified conditions used in life testing.)

Luminous flux is the measure of the perceived power of light. It reflects the varying sensitivity of the human eye to different wavelengths of light. Luminous flux is often used as an objective measure of the useful power emitted by a light source. Unit of luminous flux is lumen (lm). One lumen is defined as the luminous flux of light produced by a light source that emits one candela of luminous intensity over a solid angle of one steradian.

Luminous intensity is a measure of the wavelength-weighted power emitted by a light source in a particular direction per unit solid angle, based on the luminosity function, a standardized model of the sensitivity of the human eye. The unit of luminous intensity is the candela (cd).

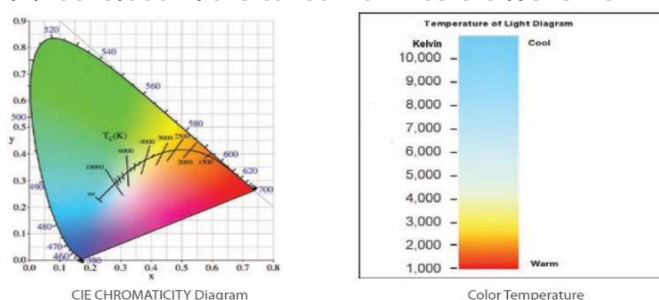
Illuminance is the total luminous flux incident on a surface, per unit area. It is a measure of how much the incident light illuminates the surface, wavelength-weighted by the luminosity function to correlate with human brightness perception. Illuminance is measured in lux (lx) or lumens per square metre ($\text{cd} \cdot \text{sr} \cdot \text{m}^{-2}$).

Beam angle is a technical definition of the precise width of the amount of light being emitted by a specific light source. There are several types of beam angle definitions: very narrow spot, narrow spot, spot, narrow flood, flood, wide flood and very wide flood. To calculate Beam Angle, Field Angle in VH photometries : The beam angle is the opening in degrees width at 50% of the maximum intensity. The field angle is the opening in degrees at 10% of the maximum intensity.



Color temperature also called correlated color temperature is a characteristic of visible light that has important applications in lighting and other fields. The color temperature of a light source is the temperature of an ideal black body radiator that radiates light of comparable hue to that of the light source. Color temperature is conventionally stated in the unit of absolute temperature, the kelvin, having the unit symbol (K).

Color temperatures over 5,000K are called cool colors (blueish white), while lower color temperatures (2,700–3,000 K) are called warm colors (yellowish white through red).



Lighting Concept

Color rendering index (CRI) is a quantitative measure of the ability of a light source to reproduce the colors of various objects faithfully in comparison with an ideal or natural light source. Light sources with a high CRI are desirable in color-critical applications such as photography and cinematography.



LOW CRI



HIGH CRI

IP Ratings - Degree of protection to BS EN60529/DIN 0470

The IP classification system designates the degree of protection provided by an enclosure against solid objects or water ingress. Table I shows degrees of protection against solid objects, Table II shows degrees of protection against water.

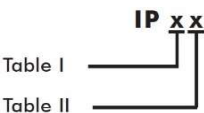
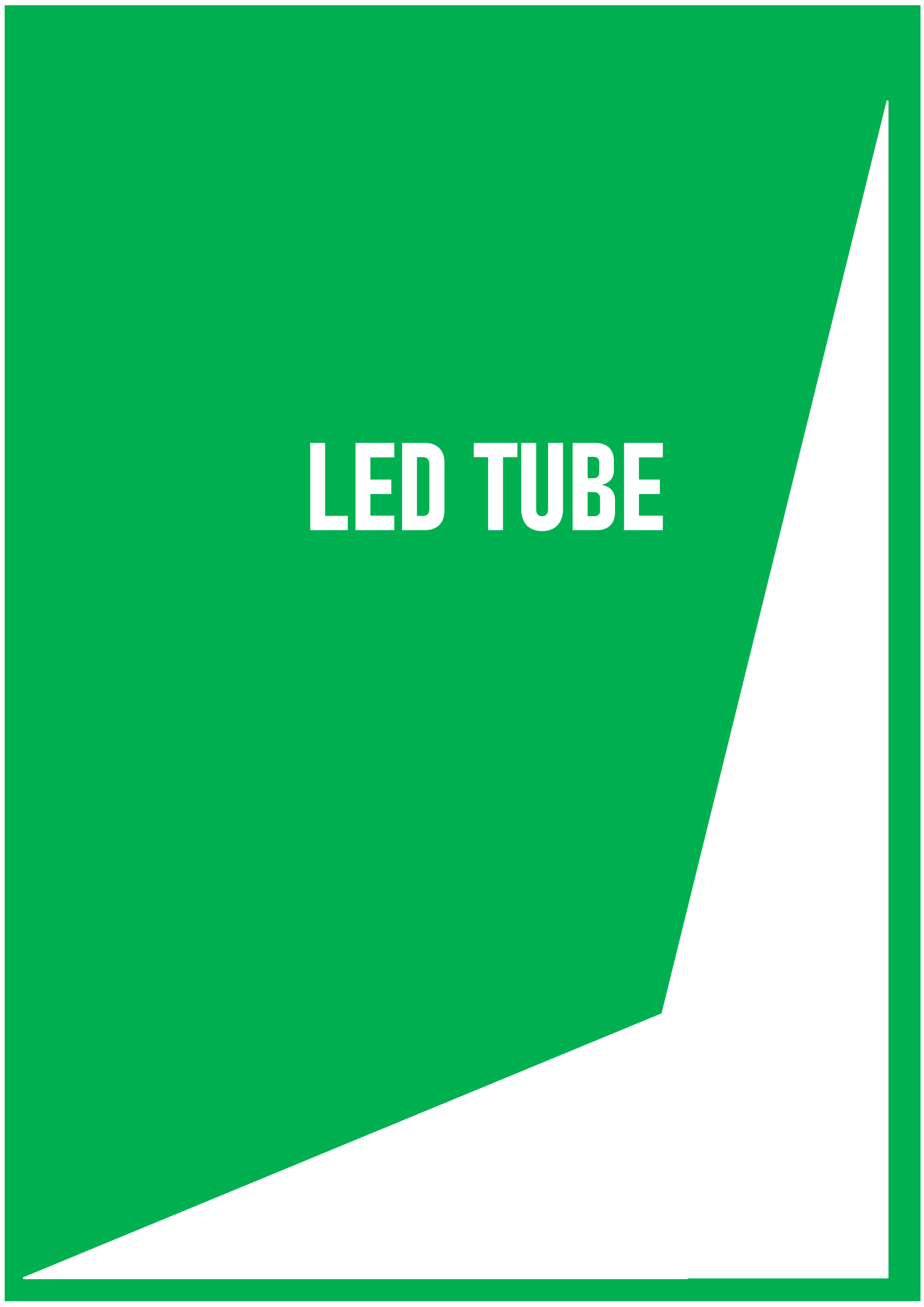


Table I (1st characteristic numeral)
Degree of Protection against solid objects

Digit	
0	Non-protected
1	Protected against a solid object greater than 50mm, such as a hand.
2	Protected against a solid object greater than 12.5mm, such as a finger.
3	Protected against a solid object greater than 2.5mm, such as wire or a tool.
4	Protected against a solid object greater than 1.0mm, such as wire or thin strips.
5	Dust-protected. Prevents ingress of dust sufficient to cause harm.
6	Dust tight. No ingress of dust.

Table II (2nd characteristic numeral)
Degree of Protection against water

Digit	
0	Non-protected
1	Protected against dripping water.
2	Protected against dripping water when tilted up to 15°.
3	Protected against spraying water at an angle of up to 60°.
4	Protected against splashing water from any direction.
5	Protected against jets of water from any direction.
6	Protected against heavy seas or powerful jets of water. Prevents ingress sufficient to cause harm.
7	Protected against the effects of temporary immersion in water.
8	Protected against the effects of continuous immersion in water.

The background is a solid green color, split diagonally from the bottom-left corner to the top-right corner. The upper-left portion is green, and the lower-right portion is white. The text 'LED TUBE' is centered in the green area.

LED TUBE

LED Tubular Lamps

T5 Direct Retrofit Type (ECG)

LED光管

T5 直接更換型 (電子牛版)

Grompton
LAMPS

LED T5 Tubular Lamps - GLASS G5

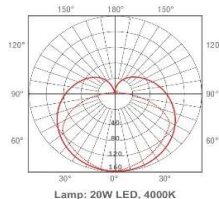
T5 Direct Retrofit Type (ECG)



No Re-wiring *
Broad compatibility
with ballasts

無需重新佈線 *
廣泛兼容電子鎮流器

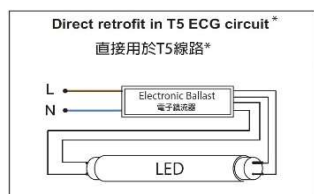
8W	~	14W
12W	~	21W
16W	~	28W
20W	~	35W



Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F8T5/E/827/600	8W	220-240V	2700K	G5	ECG	549mm	920lm	125lm/W
LED F8T5/E/830/600	8W	220-240V	3000K	G5	ECG	549mm	920lm	115lm/W
LED F8T5/E/840/600	8W	220-240V	4000K	G5	ECG	549mm	1020lm	128lm/W
LED F8T5/E/860/600	8W	220-240V	6000K	G5	ECG	549mm	960lm	120lm/W
LED F12T5/E/827/900	12W	220-240V	2700K	G5	ECG	849mm	1500lm	125lm/W
LED F12T5/E/830/900	12W	220-240V	3000K	G5	ECG	849mm	1500lm	125lm/W
LED F12T5/E/840/900	12W	220-240V	4000K	G5	ECG	849mm	1530lm	128lm/W
LED F12T5/E/860/900	12W	220-240V	6000K	G5	ECG	849mm	1440lm	120lm/W
LED F16T5/E/827/1200	16W	220-240V	2700K	G5	ECG	1149mm	2000lm	125lm/W
LED F16T5/E/830/1200	16W	220-240V	3000K	G5	ECG	1149mm	2000lm	125lm/W
LED F16T5/E/840/1200	16W	220-240V	4000K	G5	ECG	1149mm	2040lm	128lm/W
LED F16T5/E/860/1200	16W	220-240V	6000K	G5	ECG	1149mm	2080lm	130lm/W
LED F20T5/E/827/1500	20W	220-240V	2700K	G5	ECG	1449mm	2500lm	125lm/W
LED F20T5/E/830/1500	20W	220-240V	3000K	G5	ECG	1449mm	2000lm	100lm/W
LED F20T5/E/840/1500	20W	220-240V	4000K	G5	ECG	1449mm	2560lm	128lm/W
LED F20T5/E/860/1500	20W	220-240V	6000K	G5	ECG	1449mm	2400lm	120lm/W

- Energy saving with low power consumption
- Good color rendition, $Ra \geq 80$
- Smooth operation even at low temperature
- No mercury and hazardous substances
- Beam Angle: 270°
- Full glass body
- Suitable for direct retrofit to 1x, 2x electronic ballast depending on brand / model.
- Compatible with T5 Fluorescent Emergency kit.
- Compatibility with 3x, 4x T5 fluo. Electronic ballast depending on brand / model.

- 極低電耗 · 省電
- 顯色度高, $Ra \geq 80$
- 即使在低溫下也能穩定運作
- 無汞及有害物質
- 光輸出角度: 270°
- 全玻璃管身
- 可直接用於1x, 2x 大部份牌子 / 型號的電子鎮流器
- 兼容T5光管的應急電池
- 可直接用於3x, 4x 部份牌子 / 型號的電子鎮流器



*Comply to EN62776, EN55015, EN61000-3-2, EN61000-3-3, EN61547

*符合 EN62776, EN55015, EN61000-3-2, EN61000-3-3, EN61547 標準

*Actual performance may vary depending on ballast output

*實際性能會因應鎮流器輸出而異

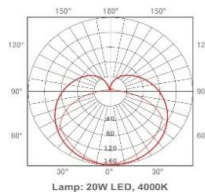
LED T5 Tubular Lamps - GLASS G5

T5 AC Type

AC Input

AC直氣輸入

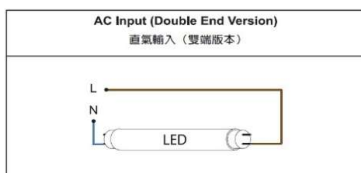
LED	HE
8W	14W
12W	21W
16W	28W
20W	35W



Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F4T5/AC/827/300	4W	220-240V	2700K	G5	AC	288mm	500lm	125lm/W
LED F4T5/AC/830/300	4W	220-240V	3000K	G5	AC	288mm	500lm	125lm/W
LED F4T5/AC/840/300	4W	220-240V	4000K	G5	AC	288mm	512lm	128lm/W
LED F4T5/AC/860/300	4W	220-240V	6000K	G5	AC	288mm	520lm	130lm/W
LED F8T5/AC/827/600	8W	220-240V	2700K	G5	AC	549mm	900lm	113lm/W
LED F8T5/AC/830/600	8W	220-240V	3000K	G5	AC	549mm	800lm	100lm/W
LED F8T5/AC/840/600	8W	220-240V	4000K	G5	AC	549mm	1020lm	128lm/W
LED F8T5/AC/860/600	8W	220-240V	6000K	G5	AC	549mm	960lm	120lm/W
LED F12T5/AC/827/900	12W	220-240V	2700K	G5	AC	849mm	1350lm	113lm/W
LED F12T5/AC/830/900	12W	220-240V	3000K	G5	AC	849mm	1200lm	100lm/W
LED F12T5/AC/840/900	12W	220-240V	4000K	G5	AC	849mm	1530lm	128lm/W
LED F12T5/AC/860/900	12W	220-240V	6000K	G5	AC	849mm	1270lm	106lm/W
LED F16T5/AC/827/1200	16W	220-240V	2700K	G5	AC	1149mm	1800lm	113lm/W
LED F16T5/AC/830/1200	16W	220-240V	3000K	G5	AC	1149mm	1600lm	100lm/W
LED F16T5/AC/840/1200	16W	220-240V	4000K	G5	AC	1149mm	2040lm	128lm/W
LED F16T5/AC/860/1200	16W	220-240V	6000K	G5	AC	1149mm	2080lm	130lm/W
LED F20T5/AC/827/1500	20W	220-240V	2700K	G5	AC	1449mm	2250lm	113lm/W
LED F20T5/AC/830/1500	20W	220-240V	3000K	G5	AC	1449mm	2000lm	100lm/W
LED F20T5/AC/840/1500	20W	220-240V	4000K	G5	AC	1449mm	2560lm	128lm/W
LED F20T5/AC/860/1500	20W	220-240V	6000K	G5	AC	1449mm	2600lm	130lm/W

- Energy saving with low power consumption
- Good color rendition, $R_a \geq 80$
- Smooth operation even at low temperature
- No mercury and hazardous substances
- Beam Angle: 270°
- Full glass body
- Voltage: 220-240V, 50/60Hz
- Direct 220-240V AC input, integral LED Driver

- 極低電耗 · 省電
- 顯色度高 · $R_a \geq 80$
- 即使在低溫下也能穩定運作
- 無汞及有害物質
- 光輸出角度: 270°
- 全玻璃管身
- 電壓: 220-240 · 50 / 60Hz
- 直氣220-240V AC輸入 · 內置LED火牛



*Comply to EN55015, EN61000-3-2, EN61000-3-3, EN61547
*符合 EN55015, EN61000-3-2, EN61000-3-3, EN61547 標準

Type -A /Single-end versions can also be customized.
For details, please contact us.

LED T5 Tubular Lamps - GLASS G5

T5 AC - HO Type



AC Input
HPF
High Efficacy

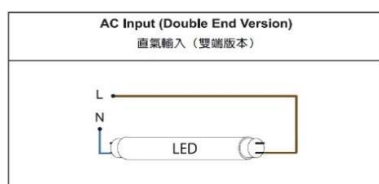
AC直氣輸入
高功率
高效能



Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F14T5/AC/830/600/L	14W	120-240V	3000K	G5	AC	549mm	2030lm	145lm/W
LED F14T5/AC/840/600/L	14W	120-240V	4000K	G5	AC	549mm	2100lm	150lm/W
LED F14T5/AC/860/600/L	14W	120-240V	6000K	G5	AC	549mm	2170lm	155lm/W
LED F20T5/AC/830/900/L	20W	120-240V	3000K	G5	AC	849mm	2900lm	145lm/W
LED F20T5/AC/840/900/L	20W	120-240V	4000K	G5	AC	849mm	3000lm	150lm/W
LED F20T5/AC/860/900/L	20W	120-240V	6000K	G5	AC	849mm	3100lm	155lm/W
LED F25T5/AC/830/1200/L	25W	110-240V	3000K	G5	AC	1149mm	3630lm	145lm/W
LED F25T5/AC/840/1200/L	25W	110-240V	4000K	G5	AC	1149mm	3750lm	150lm/W
LED F25T5/AC/860/1200/L	25W	110-240V	6000K	G5	AC	1149mm	3880lm	155lm/W
LED F25T5/AC/830/1500/L	25W	120-240V	3000K	G5	AC	1449mm	3630lm	145lm/W
LED F25T5/AC/840/1500/L	25W	120-240V	4000K	G5	AC	1449mm	3750lm	150lm/W
LED F25T5/AC/860/1500/L	25W	120-240V	6000K	G5	AC	1449mm	3880lm	155lm/W

- Energy saving with low power consumption
- High efficacy up to 155lm/W
- Good color rendition, $Ra \geq 80$
- Smooth operation even at low temperature
- No mercury and hazardous substances
- Beam Angle: 270°
- Full glass body
- Wide Voltage range: 120-240V, 50/60Hz
- Direct 120-240V AC input, integral LED Driver
- Power Factor: 0.9

- 極低電耗，省電
- 效能最高可達 155lm/W
- 顯色度高， $Ra \geq 80$
- 即使在低溫下也能穩定運作
- 無汞及有害物質
- 光輸出角度: 270°
- 全玻璃管身
- 寬電壓輸入：120-240V · 50 / 60Hz
- 直氣120-240V AC輸入，內置LED火牛
- 功率因數達0.9



*Long Cap End for one side only
*只有單邊長燈頭

Type -A /Single-end versions can also be customized.
For details, please contact us.

LED T5 Tubular Lamps - GLASS G5

Global CC - Dimmable



EM lighting
Extensive compatibility

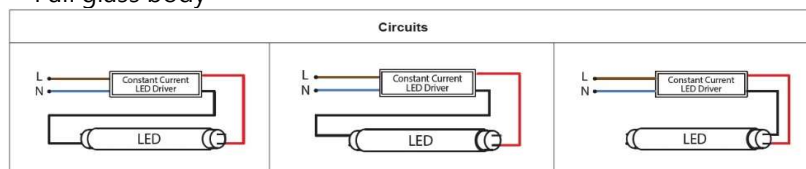
後備電池照明
廣泛兼容



Model	Wattage	Voltage	Current	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F8T5/CC/830/600	8W	21-25V	C.C.350mA	3000K	G5	UL Type C	549mm	1000lm	125lm/W
LED F8T5/CC/840/600	8W	21-25V	C.C.350mA	4000K	G5	UL Type C	549mm	1030lm	129lm/W
LED F8T5/CC/860/600	8W	21-25V	C.C.350mA	6000K	G5	UL Type C	549mm	1050lm	131lm/W
LED F12T5/CC/830/900	12W	31-37V	C.C.350mA	3000K	G5	UL Type C	849mm	1500lm	125lm/W
LED F12T5/CC/840/900	12W	31-37V	C.C.350mA	4000K	G5	UL Type C	849mm	1530lm	128lm/W
LED F12T5/CC/860/900	12W	31-37V	C.C.350mA	6000K	G5	UL Type C	849mm	1550lm	129lm/W
LED F16T5/CC/830/1200	16W	42-48V	C.C.350mA	3000K	G5	UL Type C	1149mm	2000lm	125lm/W
LED F16T5/CC/840/1200	16W	42-48V	C.C.350mA	4000K	G5	UL Type C	1149mm	2030lm	127lm/W
LED F16T5/CC/860/1200	16W	42-48V	C.C.350mA	6000K	G5	UL Type C	1149mm	2050lm	128lm/W
LED F20T5/CC/830/1500	20W	36-44V	C.C.500mA	3000K	G5	UL Type C	1449mm	2500lm	125lm/W
LED F20T5/CC/840/1500	20W	36-44V	C.C.500mA	4000K	G5	UL Type C	1449mm	2530lm	127lm/W
LED F20T5/CC/860/1500	20W	36-44V	C.C.500mA	6000K	G5	UL Type C	1449mm	2550lm	128lm/W

- Two pin connection allow flexible wiring for light up and bi-directional tube installation
- Auto-correcting polarity protection
- 12 types of wiring combination in one tube
- External constant current driver (UL Type C)
- High efficacy up to 131lm/W
- Wattage and lumen can be adjusted by a driver with lower output current
- Suitable for LED emergency lighting
- Remote driver allows for superior heat dissipation performance and longer average lifetime
- Dimming and control system integration is possible based on selected driver model
- Beam Angle: 270°
- No mercury and hazardous substances
- Energy saving with low power consumption
- Good color rendition, Ra≥80
- Smooth operation even at low temperatures
- Full glass body

- 雙針連接允許靈活接線，用於點亮和雙向光管安裝
- 自動糾正極性保護
- 12種類型的接線組合於一身
- 需配合外置恆流電子鎮流器使用
- 效能高達131lm/W
- 低輸出電流的驅動器也可以調節功率和流明
- 適合應急電池使用
- 外置驅動器使光管有出色的散熱性能和更長的平均壽命
- 調光和控制系統可以實現基於特定的驅動器型號
- 光輸出角度: 270°
- 無汞及有害物質
- 極低電耗，省電
- 顯色度高, Ra≥80
- 即使在低溫下也能穩定運作
- 全玻璃管身



*Actual performance may vary depending on ballast output

*實際性能會因應鎮流器輸出而異

LED T5 Tubular Lamps - GLASS G5

Global CC - Dimmable (HO)



EM lighting
Extensive compatibility

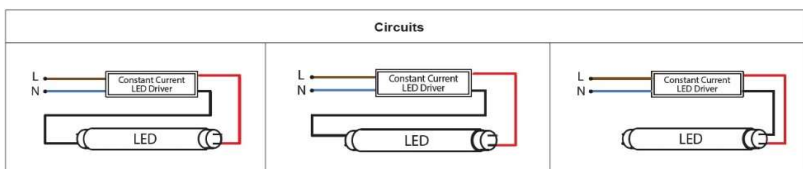
後備電池照明
廣泛兼容



Model	Wattage	Voltage	Current	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F12T5/CC/830/600	12W	31-37V	C.C.350mA	3000K	G5	UL Type C	549mm	1500lm	125lm/W
LED F12T5/CC/840/600	12W	31-37V	C.C.350mA	4000K	G5	UL Type C	549mm	1530lm	128lm/W
LED F12T5/CC/860/600	12W	31-37V	C.C.350mA	6000K	G5	UL Type C	549mm	1550lm	129lm/W
LED F16T5/CC/830/900	16W	42-48V	C.C.350mA	3000K	G5	UL Type C	849mm	2000lm	125lm/W
LED F16T5/CC/840/900	16W	42-48V	C.C.350mA	4000K	G5	UL Type C	849mm	2030lm	127lm/W
LED F16T5/CC/860/900	16W	42-48V	C.C.350mA	6000K	G5	UL Type C	849mm	2050lm	128lm/W
LED F20T5/CC/830/1200	20W	36-44V	C.C.500mA	3000K	G5	UL Type C	1149mm	2500lm	125lm/W
LED F20T5/CC/840/1200	20W	36-44V	C.C.500mA	4000K	G5	UL Type C	1149mm	2530lm	127lm/W
LED F20T5/CC/860/1200	20W	36-44V	C.C.500mA	6000K	G5	UL Type C	1149mm	2550lm	128lm/W
LED F28T5/CC/830/1500	28W	36-44V	C.C.700mA	3000K	G5	UL Type C	1449mm	3200lm	114lm/W
LED F28T5/CC/840/1500	28W	36-44V	C.C.700mA	4000K	G5	UL Type C	1449mm	3300lm	118lm/W
LED F28T5/CC/860/1500	28W	36-44V	C.C.700mA	6000K	G5	UL Type C	1449mm	3400lm	121lm/W

- Two pin connection allow flexible wiring for light up and bi-directional tube installation
- Auto-correcting polarity protection
- 12 types of wiring combination in one tube
- External constant current driver (UL Type C)
- High efficacy up to 129lm/W
- Wattage and lumen can be adjusted by a driver with lower output current
- Suitable for LED emergency lighting
- Remote driver allows for superior heat dissipation performance and longer average lifetime
- Dimming and control system integration is possible based on selected driver model
- Beam Angle: 270°
- No mercury and hazardous substances
- Energy saving with low power consumption
- Good color rendition, Ra≥80
- Smooth operation even at low temperatures
- Full glass body

- 雙針連接允許靈活接線，用於點亮和雙向光管安裝
- 自動糾正極性保護
- 12種類型的接線組合於一身
- 需配合外置恆流電子鎮流器使用
- 效能高達129lm/W
- 低輸出電流的驅動器也可以調節功率和流明
- 適合應急電池使用
- 外置驅動器使光管有出色的散熱性能和更長的平均壽命
- 調光和控制系統可以實現基於特定的驅動器型號
- 光輸出角度: 270°
- 無汞及有害物質
- 極低電耗，省電
- 顯色度高, Ra≥80
- 即使在低溫下也能穩定運作
- 全玻璃管身



*Actual performance may vary depending on ballast output

*實際性能會因應鎮流器輸出而異

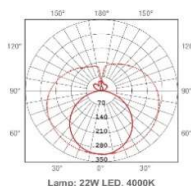
LED T8 Tubular Lamps - GLASS G13

T8 AC Type



AC Input
CCG Circuit

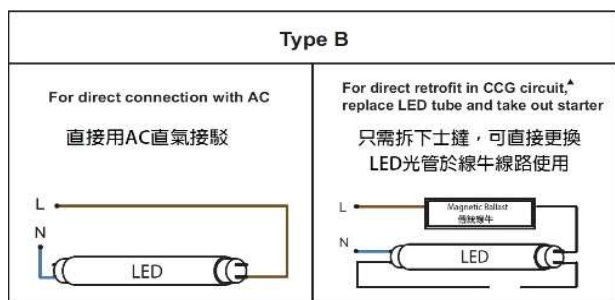
AC直氣輸入
線牛線路



Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F8T8/830/G/600	8W	220-240V	3000K	G13	AC/CCG	588mm	720lm	90lm/W
LED F8T8/835/G/600	8W	220-240V	3500K	G14	AC/CCG	588mm	928lm	116lm/W
LED F8T8/840/G/600	8W	220-240V	4000K	G13	AC/CCG	588mm	760lm	95lm/W
LED F8T8/860/G/600	8W	220-240V	6000K	G13	AC/CCG	588mm	800lm	100lm/W
LED F12T8/830/G/900	12W	220-240V	3000K	G13	AC/CCG	894mm	1080lm	98lm/W
LED F12T8/840/G/900	12W	220-240V	4000K	G13	AC/CCG	894mm	1140lm	103lm/W
LED F12T8/860/G/900	12W	220-240V	6000K	G13	AC/CCG	894mm	1200lm	109lm/W
LED F16T8/830/G/1200	16W	220-240V	3000K	G13	AC/CCG	1198mm	1440lm	90lm/W
LED F16T8/835/G/1200	16W	220-240V	3500K	G14	AC/CCG	1198mm	1860lm	116lm/W
LED F16T8/840/G/1200	16W	220-240V	4000K	G13	AC/CCG	1198mm	1520lm	95lm/W
LED F16T8/860/G/1200	16W	220-240V	6000K	G13	AC/CCG	1198mm	1600lm	100lm/W
LED F24T8/830/G/1500	24W	220-240V	3000K	G13	AC/CCG	1500mm	3120lm	130lm/W
LED F24T8/840/G/1500	24W	220-240V	4000K	G13	AC/CCG	1500mm	3120lm	130lm/W
LED F24T8/860/G/1500	24W	220-240V	6000K	G13	AC/CCG	1500mm	3120lm	130lm/W

- Energy saving with low power consumption
- Perfect retrofit traditional lamps with no change on dimensions
- Good color rendition, $Ra \geq 80$
- Wide Operation Temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- No mercury and hazardous substances
- Direct retrofit for magnetic ballast circuit
- Beam Angle: 280°
- Full glass body
- Voltage: 220-240V, 50/60Hz
- With high output version as option

- 極低電耗，省電
- 與傳統T8光管呎吋一樣，可直接更換
- 顯色度高， $Ra \geq 80$
- 寬工作溫度： $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- 無汞及有害物質
- 直接於線牛線路運作
- 光輸出角度： 280°
- 全玻璃管身
- 電壓：220-240 · 50 / 60Hz
- 備有高輸出版本供選購



*Comply to EN55015, EN61000-3-2, EN61000-3-3, EN61547

*符合 EN55015, EN61000-3-2, EN61000-3-3, EN61547 標準

*Actual performance may vary depending on ballast output

*實際性能會因應鎮流器輸出而異

*Recommend to remove the parallel capacitor (if any) to achieve HPF

*如固有燈具有安裝電容，需要拆下才可達至高功率效果

Type -A /Single-end versions can also be customized.

For details, please contact us.

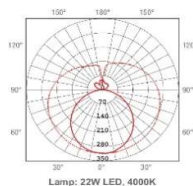
LED T8 Tubular Lamps - GLASS G13

T8 AC Type (HO)



AC Input
CCG Circuit

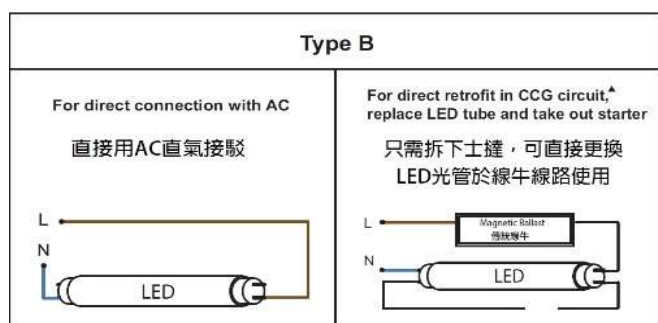
AC直氣輸入
線牛線路



Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
HIGH OUTPUT VERSION								
LED F10T8/840/G/600	10W	220-240V	4000K	G13	AC/CCG	588mm	1300lm	130lm/W
LED F10T8/860/G/600	10W	220-240V	6000K	G13	AC/CCG	588mm	1300lm	130lm/W
LED F20T8/840/G/1200	20W	220-240V	4000K	G13	AC/CCG	1198mm	2100lm	105lm/W
LED F18T8/860/G/1200	18W	220-240V	6000K	G13	AC/CCG	1198mm	2340lm	130lm/W
LED F20T8/840/G/1500	20W	220-240V	4000K	G13	AC/CCG	1449mm	2800lm	140lm/W
LED F20T8/860/G/1500	20W	220-240V	6000K	G13	AC/CCG	1449mm	2800lm	140lm/W

- Energy saving with low power consumption
- Perfect retrofit traditional lamps with no change on dimensions
- Good color rendition, $Ra \geq 80$
- Wide Operation Temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- No mercury and hazardous substances
- Direct retrofit for magnetic ballast circuit
- Beam Angle: 280°
- Full glass body
- Voltage: 220-240V, 50/60Hz

- 極低電耗，省電
- 與傳統T8光管呎吋一樣，可直接更換
- 顯色度高， $Ra \geq 80$
- 寬工作溫度： $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- 無汞及有害物質
- 直接於線牛線路運作
- 光輸出角度： 280°
- 全玻璃管身
- 電壓：220-240 · 50 / 60Hz



*Comply to EN55015, EN61000-3-2, EN61000-3-3, EN61547

*符合 EN55015, EN61000-3-2, EN61000-3-3, EN61547 標準

*Actual performance may vary depending on ballast output

*實際性能會因應鎮流器輸出而異

*Recommend to remove the parallel capacitor (if any) to achieve HPF

*如固有燈具有安裝電容，需要拆下才可達至高功率效果

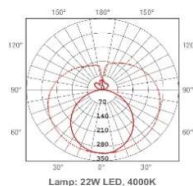
LED T8 Tubular Lamps - GLASS G13

T8 AC Type (PC Version)



AC Input
CCG Circuit

AC直氣輸入
線牛線路



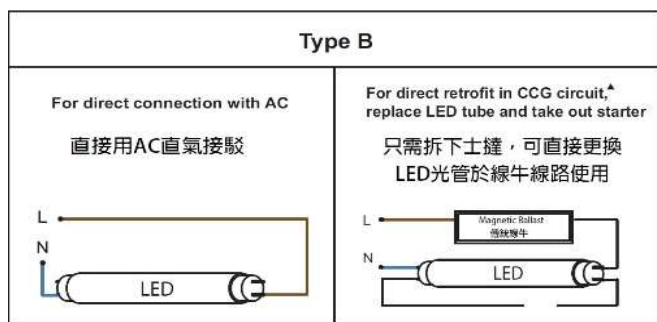
Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F8T8/840/G/600	8W	180-265V	4000K	G13	AC/CCG	588mm	728lm	91lm/W
LED F8T8/860/G/600	8W	180-265V	6000K	G13	AC/CCG	588mm	750lm	94lm/W
LED F16T8/840/G/1200	16W	180-265V	4000K	G13	AC/CCG	1198mm	1650lm	103lm/W
LED F16T8/860/G/1200	16W	180-265V	6000K	G13	AC/CCG	1198mm	1700lm	106lm/W

- Energy saving with low power consumption
- Perfect retrofit traditional lamps with no change on dimensions
- Good color rendition, $Ra \geq 80$
- Wide Operation Temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- No mercury and hazardous substances
- Direct retrofit for magnetic ballast circuit
- Beam Angle: 280°
- Full glass body

** This model also have Type A version (Single End)

- 極低電耗，省電
- 與傳統T8光管呎吋一樣，可直接更換
- 顯色度高， $Ra \geq 80$
- 寬工作溫度： $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- 無汞及有害物質
- 直接於線牛線路運作
- 光輸出角度： 280°
- 全玻璃管身

**此型號亦有A款接駁(單端)



*Comply to EN55015, EN61000-3-2, EN61000-3-3, EN61547

*符合 EN55015, EN61000-3-2, EN61000-3-3, EN61547 標準

*Actual performance may vary depending on ballast output

*實際性能會因應鎮流器輸出而異

*Recommend to remove the parallel capacitor (if any) to achieve HPF

*如固有燈具有安裝電容，需要拆下才可達至高功率效果

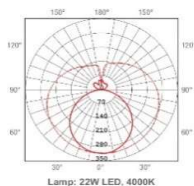
LED T8 Tubular Lamps - GLASS G13

T8 AC Type (Type A)



AC Input
CCG Circuit

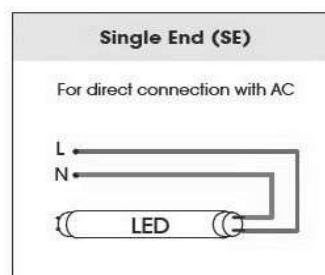
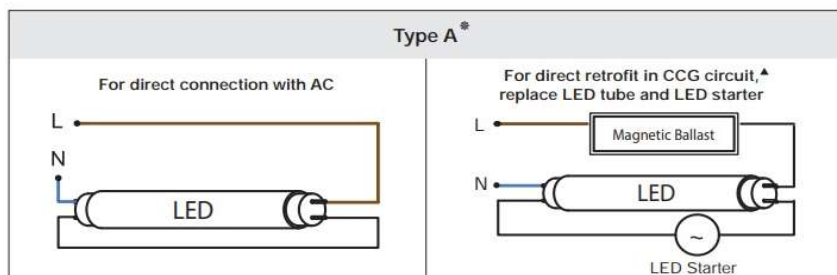
AC直氣輸入
線牛線路



Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F8T8/860/G/600 A	8W	220-240V	6000K	G13	AC/CCG	588mm	800lm	100lm/W
LED F16T8/860/G/1200 A	16W	220-240V	6000K	G13	AC/CCG	1198mm	1600lm	100lm/W
LED F22T8/860/G/1500 A	22W	220-240V	6000K	G13	AC/CCG	1449mm	2200lm	100lm/W

- Energy saving with low power consumption
- Perfect retrofit traditional lamps with no change on dimensions
- Good color rendition, $R_a \geq 80$
- Wide Operation Temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- No mercury and hazardous substances
- Direct retrofit for magnetic ballast circuit
- Beam Angle: 280°
- Full glass body
- Voltage: 220-240V, 50/60Hz

- 極低電耗，省電
- 與傳統T8光管呎吋一樣，可直接更換
- 顯色度高， $R_a \geq 80$
- 寬工作溫度： $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- 無汞及有害物質
- 直接於線牛線路運作
- 光輸出角度： 280°
- 全玻璃管身
- 電壓：220-240 · 50 / 60Hz



*Comply to EN62776, EN55015, EN61000-3-2, EN61000-3-3, EN61547

*符合 EN62776, EN55015, EN61000-3-2, EN61000-3-3, EN61547 標準

LED T8 Tubular Lamps - GLASS G13

Global CC - Dimmable

High Efficacy
Extensive compatibility
EM lighting

高效率
廣泛兼容
後備電池照明



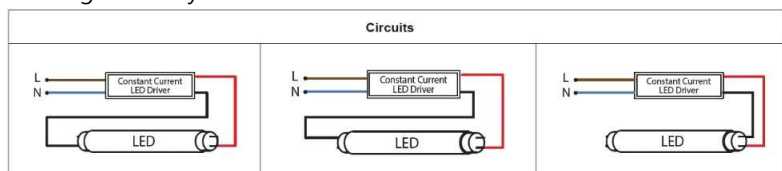
All-round lighting
>280° beam spread



Model	Wattage	Voltage	Current	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F13T8/830/G/CC/600	13W	17-22V	C.C.700mA	3000K	G13	UL Type C	588mm	1755lm	135lm/W
LED F13T8/840/G/CC/600	13W	17-22V	C.C.700mA	4000K	G13	UL Type C	588mm	1820lm	140lm/W
LED F13T8/860/G/CC/600	13W	17-22V	C.C.700mA	6000K	G13	UL Type C	588mm	1820lm	140lm/W
LED F19T8/830/G/CC/900	19W	25-30V	C.C.700mA	3000K	G13	UL Type C	894mm	2565lm	135lm/W
LED F19T8/840/G/CC/900	19W	25-30V	C.C.700mA	4000K	G13	UL Type C	894mm	2660lm	140lm/W
LED F19T8/860/G/CC/900	19W	25-30V	C.C.700mA	6000K	G13	UL Type C	894mm	2660lm	140lm/W
LED F31T8/830/G/CC/1200	31W	28-33V	C.C.1050mA	3000K	G13	UL Type C	1198mm	4185lm	135lm/W
LED F31T8/840/G/CC/1200	31W	28-33V	C.C.1050mA	4000K	G13	UL Type C	1198mm	4340lm	140lm/W
LED F31T8/860/G/CC/1200	31W	28-33V	C.C.1050mA	6000K	G13	UL Type C	1198mm	4340lm	140lm/W
LED F41T8/830/G/CC/1500	41W	36-41V	C.C.1050mA	3000K	G13	UL Type C	1500mm	5535lm	135lm/W
LED F41T8/840/G/CC/1500	41W	36-41V	C.C.1050mA	4000K	G13	UL Type C	1500mm	5740lm	140lm/W
LED F41T8/860/G/CC/1500	41W	36-41V	C.C.1050mA	6000K	G13	UL Type C	1500mm	5740lm	140lm/W

- Two pin connection allow flexible wiring for light up and bi-directional tube installation
- Auto-correcting polarity protection
- 12 types of wiring combination in one tube
- External constant current driver (UL Type C)
- High efficacy up to 134lm/W
- Wattage and lumen can be adjusted by a driver with lower output current
- Suitable for LED emergency lighting
- Remote driver allows for superior heat dissipation performance and longer average lifetime
- Dimming and control system integration is possible based on selected driver model
- Beam Angle: 280°
- No mercury and hazardous substances
- Energy saving with low power consumption
- Good color rendition, Ra≥80
- Smooth operation even at low temperatures
- Full glass body

- 雙針連接允許靈活接線，用於點亮和雙向光管安裝
- 自動糾正極性保護
- 12種類型的接線組合於一身
- 需配合外置恆流電子鎮流器使用
- 效能高達140lm/W
- 低輸出電流的驅動器也可以調節功率和流明
- 適於應急電池使用
- 外置驅動器使光管有出色的散熱性能和更長的平均壽命
- 調光和控制系統可以實現基於特定的驅動器型號
- 光輸出角度: 280°
- 無汞及有害物質
- 極低電耗，省電
- 顯色度高, Ra≥80
- 即使在低溫下也能穩定運作
- 全玻璃管身



*Actual performance may vary depending on ballast output

*實際性能會因應鎮流器輸出而異

LED T8 Tubular Lamps - GLASS G13

T8 Type A / Type B - Motion Sensor



AC Input
CCG Circuit
EM lighting

AC直氣輸入
線牛線路
後備電池照明



• AC Input
• CCG Circuit
• Motion Sensor



Model	Wattage	Voltage	Color Temp	Base	Type	Length	Lumen	Efficacy
LED F8T8/830/G/S/600	8W	220-240V	3000K	G13	A / B	589mm	900lm	113lm/W
LED F8T8/840/G/S/600	8W	220-240V	4000K	G13	A / B	589mm	900lm	113lm/W
LED F8T8/860/G/S/600	8W	220-240V	6000K	G13	A / B	589mm	900lm	113lm/W
LED F12T8/830/G/S/900	12W	220-240V	3000K	G13	A / B	895mm	1200lm	100lm/W
LED F12T8/840/G/S/900	12W	220-240V	4000K	G13	A / B	895mm	1260lm	105lm/W
LED F12T8/860/G/S/900	12W	220-240V	6000K	G13	A / B	895mm	1320lm	110lm/W
LED F16T8/830/G/S/1200	16W	220-240V	3000K	G13	A / B	1199mm	1890lm	118lm/W
LED F16T8/840/G/S/1200	16W	220-240V	4000K	G13	A / B	1199mm	1890lm	118lm/W
LED F16T8/860/G/S/1200	16W	220-240V	6000K	G13	A / B	1199mm	1890lm	118lm/W
LED F22T8/830/G/S/1500	22W	220-240V	3000K	G13	A / B	1500mm	2280lm	105lm/W
LED F22T8/840/G/S/1500	22W	220-240V	4000K	G13	A / B	1500mm	2280lm	105lm/W
LED F22T8/860/G/S/1500	22W	220-240V	6000K	G13	A / B	1500mm	2280lm	105lm/W

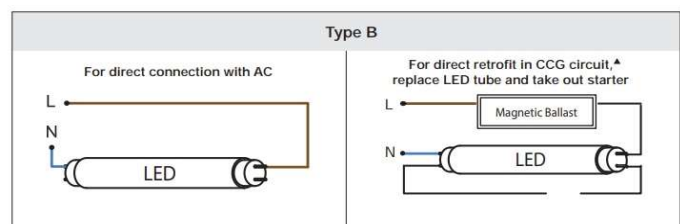
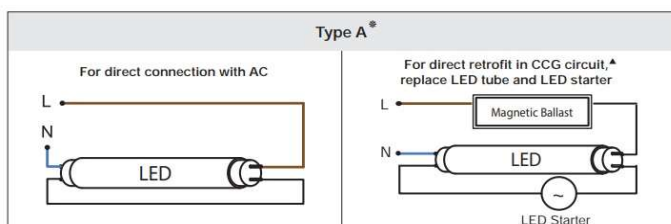
- No mercury and hazardous substances
- Beam Angle: 280°
- Full glass body
- Good color rendition, Ra≥80

- 無汞及有害物質
- 光輸出角度: 280°
- 全玻璃管身
- 顯色度高, Ra≥80

SENSOR SPECIFICATIONS

- Sensor type: Microwave radar
- Sensor distance: ~6m
- Standby time: 30s
- Standby power: 9W>3W, 16W>4W
- Sensor detection angle: 120°

- 感應類型: 微波雷達
- 感應距離: ~6米
- 待機時間: 30秒
- 備用電源: 8W>3W, 12W>4W, 16W>4W
- 感應角度: 120°



*實際性能會因應鎮流器輸出而異

LED T8 Tubular Lamps G13

T8 Special Color - Meat Display



AC Input
CCG Circuit

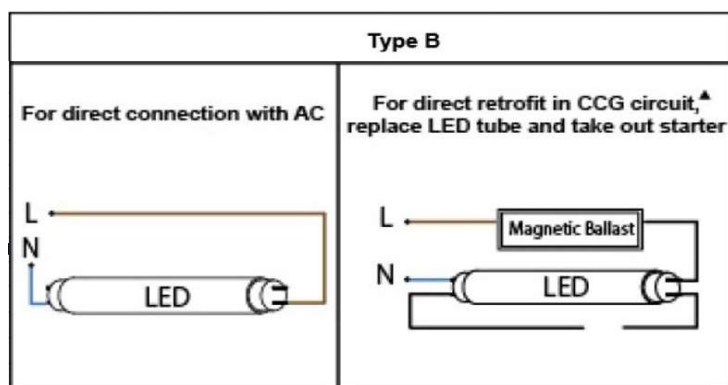
AC直氣輸入
線牛線路



Model	Wattage	Voltage	Color	Base	Length	Lumen	Ra
LED F22T8/925/G/1200/FM	22W	220-240V	Fresh meat	G13	1198mm	1550lm	>90
LED F24T8/925/G/1500/FM	24W	220-240V	Fresh meat	G13	1500mm	1700lm	>90

- Energy saving with low power consumption
- Perfect retrofit traditional lamps with no change on dimensions
- Direct retrofit for magnetic ballast circuit
- Suitable for direct AC input and LED emergency lighting
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Beam Angle: 280°
- Glass body with plastic protection sleeve
- Good color rendition, Ra≥90
- For better fresh food appearance and discoloration prevention

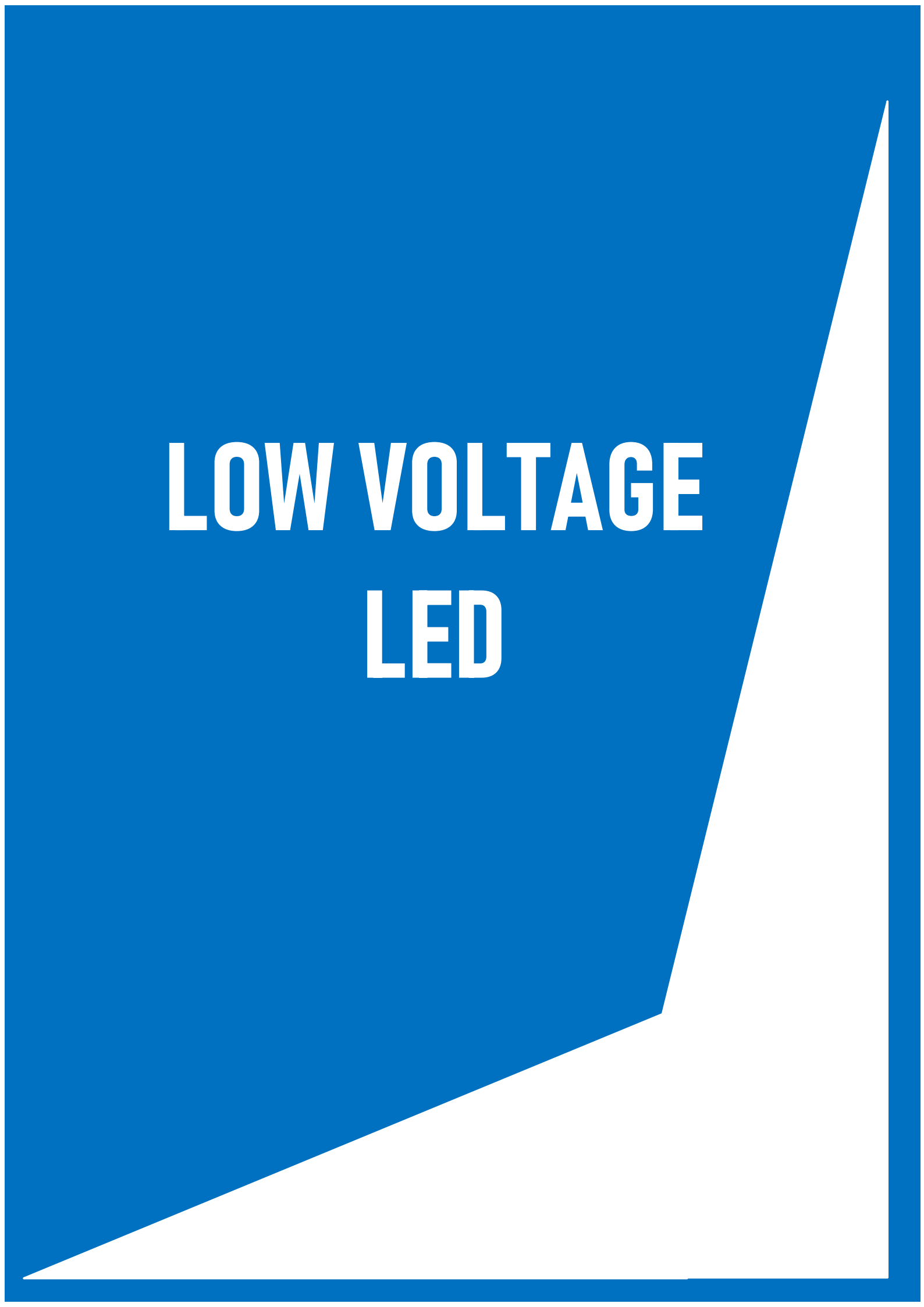
- 極低電耗，省電
- 與傳統T8光管尺寸一樣，可直接更換
- 直接於線牛線路運作
- 可直接用於AC直氣或後備電池使用
- 即使在低溫下也能穩定運作
- 無汞及有害物質
- 光輸出角度: 280°
- 全玻璃管身連塑膠保護套
- 顯色度高, Ra≥90
- 改善新鮮食品的外觀和防止變色



*實際性能會因應鎮流器輸出而異

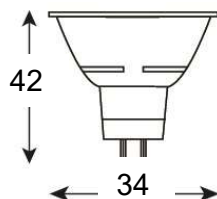
*Recommend to remove the parallel capacitor (if any) to achieve HPF

*如固有燈具有安裝電容，需要拆下才可達至高功率效果

The background is a solid blue color with a white geometric shape on the right side. The white shape is a large triangle that points towards the top right corner, with its base along the bottom edge. The text is centered in the blue area.

LOW VOLTAGE LED

Thermal Plastic LED COB MR11

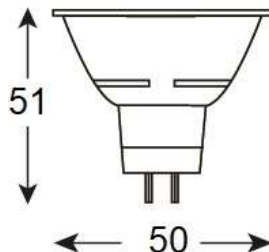


Model	Voltage	Wattage	Base	Beam Angel	Color Temp	Lumen
LED TP MR11 COB-4W/3000K	12V AC/DC	4W	GU4	38°	3000K	280lm

- Ideal retrofit solution for MR11 halogen lighting with identical use
- Built-in driver broad compatibility with magnetic and 12V electronic ballast / transformer
- Excellent thermal conductivity
- Aesthetic reflector optics
- Good color rendition, Ra≥80

- 外形大小完美取代傳統MR11鹵素杯膽
- 內置線路，完全配合線牛及12V電子鎮流器使用
- 優異的導熱性
- 優秀光輸出的反射罩
- 顯色度高, Ra≥80

Thermal Plastic LED COB MR16

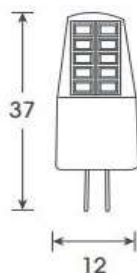


Model	Voltage	Wattage	Base	Beam Angel	Color Temp	Lumen
LED TP MR16 COB-6W/3000K	12V AC/DC	6W	GU5.3	38°	3000K	500lm
LED TP MR16 COB-6W/4000K	12V AC/DC	6W	GU5.3	38°	4000K	510lm
LED TP MR16 COB-6W/6000K	12V AC/DC	6W	GU5.3	38°	6000K	520lm

- Ideal retrofit solution for MR16 halogen lighting with identical use
- Built-in driver broad compatibility with magnetic and 12V electronic ballast / transformer
- Excellent thermal conductivity
- Aesthetic reflector optics
- Good color rendition, Ra≥80

- 外形大小完美取代傳統MR16鹵素杯膽
- 內置線路，完全配合線牛及12V電子鎮流器使用
- 優異的導熱性
- 優秀光輸出的反射罩
- 顯色度高, Ra≥80

Multi-LED G4



2.5W ~ 22W

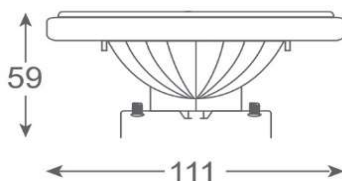


Model	Voltage	Wattage	Base	Color Temp	Lumen
LED G4 SMD-2.5W	12V AC/DC	2.5W	G4	3000K	260lm

- Extremely energy saving with low power consumption
- Perfect replacing traditional halogen lamps with compact size
- Good color rendition, $Ra \geq 80$
- Suitable for operation with all magnetic transformers, LED drivers and most electronic ballasts
- Overall light distribution

- 極低電耗，省電
- 大小完美取代傳統鹵素燈
- 顯色度高, $Ra \geq 80$
- 適合用於所有傳統線牛，LED 變壓器，大部份電子鎮流器
- 360度全方位光輸出

LED HP AR111



15W ~ 123W



Model	Voltage	Wattage	Base	Beam Angle	Color Temp	Lumen
LED AR111 HP-15W	12V AC/DC	15W	G53	30°	3000K	1000lm

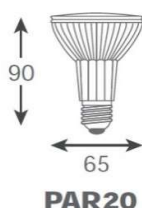
- Ideal retrofit solution for spot lighting applications in retail industry
- Low voltage 12V AR111 enables broad compatibility with existing electronic ballasts and magnetic transformers
- Good color rendition, $Ra \geq 80$

- 完美取代/替換用於零售業傳統的焦點射燈
- 低壓12V線路使用，可直接使用於固有電子鎮流器或傳統線牛去代替傳統AR111鐵杯燈
- 顯色度高, $Ra \geq 80$

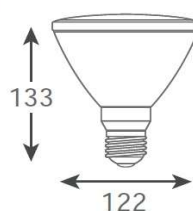


Low Voltage PAR LED Lamp

低壓PAR LED水池膽



PAR20



PAR38



6W ~ 64W
18W ~ 128W

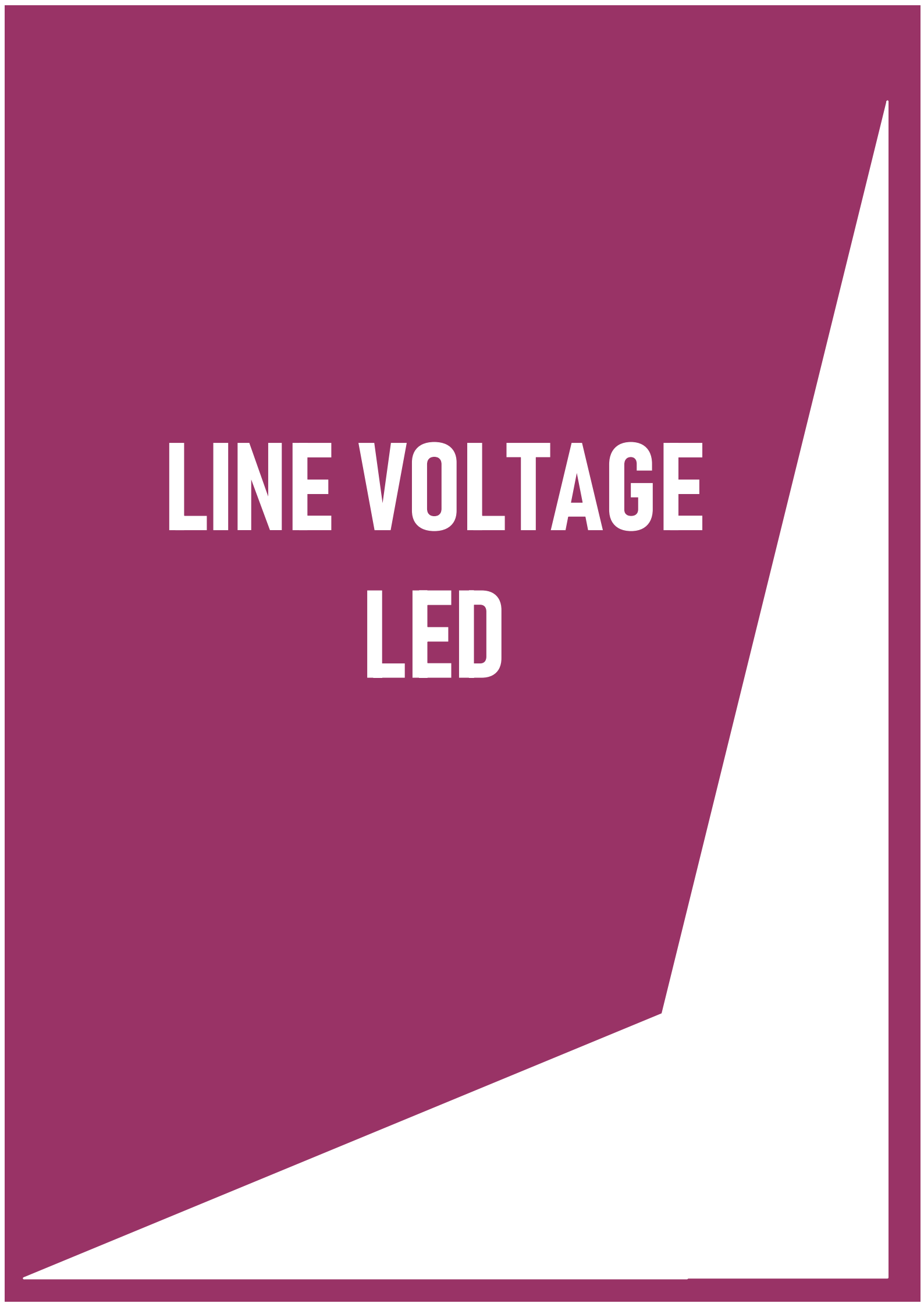


Model	Wattage	Voltage	Beam Angle	Color Temp	Lumen	Base
LED G PAR20 COB-6W/12V	6W	12-24V AC/DC	50° ± 10%	3000K	450lm	E27
LED G PAR38 COB-18W/12V	18W	12-24V AC/DC	50° ± 10%	3000K	1500lm	E27

- Need to operate with a low voltage transformer
- Glass housing
- E27 lamp base, easy to install
- Excellent use in pool lighting
- Wide range operating temperature -20°C to 50°C
- 25,000 hrs rated life time @25°C working temperature
- Can replace most of R20, R40 halogen pool lamp

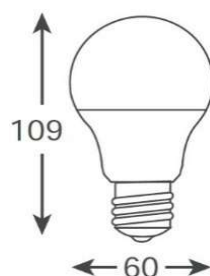
- 低電壓，需配合降壓鎮流器使用
- 膽身玻璃物料製造
- E27燈頭，易於安裝
- 非常適合在泳池照明
- 廣泛操作溫度 -20°C to 50°C
- 25,000 小時壽命 @25°C工作溫度
- 可取代大部份R20, R40鎢絲水池膽





LINE VOLTAGE LED

Thermal Plastic Multi-LED A60



LED	~	LED
7W	~	40W
11W	~	77W
13W	~	120W



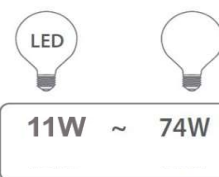
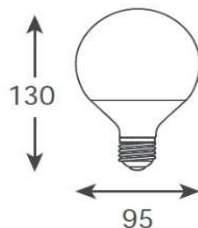
Model	Voltage	Wattage	Base	Color Temp	Lumen	
LED TP A60 SMD-7W/3000K	220-240V	7W	E27	3000K	640lm	Grade 2
LED TP A60 SMD-7W/6500K	220-240V	7W	E27	6000K	680lm	Grade 2
LED TP A60 SMD-11W/3000K	220-240V	11W	E27	3000K	1055lm	Grade 2
LED TP A60 SMD-11W/6500K	220-240V	11W	E27	6000K	1055lm	Grade 2
LED TP A60 SMD-13W/3000K	220-240V	13W	E27	3000K	1521lm	Grade 1
LED TP A60 SMD-13W/4000K	220-240V	13W	E27	4000K	1521lm	Grade 1
LED TP A60 SMD-13W/6500K	220-240V	13W	E27	6000K	1521lm	Grade 1

- Extremely energy saving with low power consumption
- Perfectly retrofit incandescent lamps
- Good color rendition, $R_a \geq 80$

- 極低電耗，省電
- 呎吋完全一致，完美取代傳統鎢絲膽
- 顯色度高, $R_a \geq 80$



Thermal Plastic Multi-LED Globe



Model	Voltage	Wattage	Base	Color Temp	Lumen	
LED TP G95 SMD-11W/2700K	220-240V	11W	E27	2700K	1350lm	Grade 1
LED TP G95 SMD-11W/3000K	220-240V	11W	E27	3000K	1400lm	Grade 1
LED TP G95 SMD-11W/6500K	220-240V	11W	E27	6500K	1480lm	Grade 1

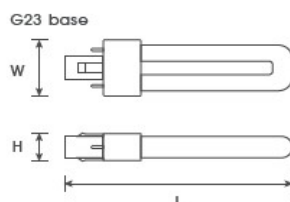
- Excellent thermal conductivity
- Perfect electrical insulation
- 100% safe against fire hazards
- Attractive clear white cosmetic finishing
- Good color rendition, $R_a \geq 80$

- 優異的導熱性
- 完美的電氣絕緣
- 100% 安全防火
- 具吸引力的半透明奶白反射罩
- 顯色度高, $R_a \geq 80$

LED PLS (CCG)



CCG Circuit



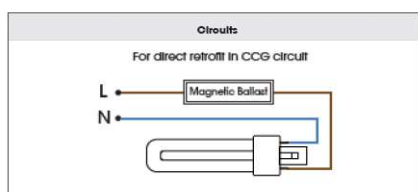
(Unit : mm) (L) (W) (H)
5W 218 x 32 x 21



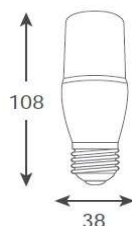
Model	Type	Wattage	Base	Color Temp	Lumen
LED PLS/11-5W/840/G/2P	CCG	5W	G23	4000K	700lm

- Extremely energy saving with low power consumption
- Perfect retrofit fluorescent PLS lamps in CCG circuits
- Instant full brightness
- Smooth operation even at low temperatures
- Full glass body
- No mercury and hazardous substances
- Good color rendition, $R_a \geq 80$

- 極低電耗 · 省電
- 完美取代傳統PLS燈於CCG線路
- 瞬間全亮
- 低溫下也能平穩運行
- 全玻璃管身
- 無汞及有害物質
- 顯色度高, $R_a \geq 80$



Thermal Plastic Multi-LED T38



8W ~ 15W / 60W

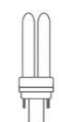
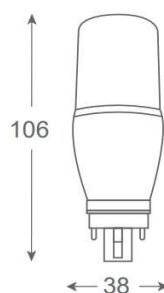


Model	Voltage	Wattage	Base	Color Temp	Lumen	
LED TP T38 SMD-8W/3000K	220-240V	8W	E27	3000K	780lm	Grade 2
LED TP T38 SMD-8W/6500K	220-240V	8W	E27	6500K	835lm	Grade 2
LED TP T38 SMD-8W/3000K	220-240V	8W	E14	3000K	780lm	Grade 2
LED TP T38 SMD-8W/6500K	220-240V	8W	E14	6500K	835lm	Grade 2

- Extremely energy saving with low power consumption
- Excellent thermal conductivity
- No mercury and hazardous substances
- 2.5 times the life of Electronic Energy Saving lamp
- 25 times the life of incandescent filament bulbs
- Perfect replacing Electronic Energy Saving lamp
- Good color rendition, $R_a \geq 80$

- 極低電耗，省電
- 優異的導熱性
- 無汞及有害物質
- 比傳統電子燈管壽命長2.5倍
- 比傳統鎢絲燈壽命長25倍
- 完美取代傳統電子燈管
- 顯色度高, $R_a \geq 80$

Thermal Plastic Multi-LED T38



9W ~ 13W

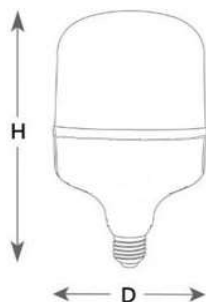


Model	Voltage	Wattage	Base	Color Temp	Lumen
LED TP T38 SMD-9W/3000	100-240V	9W	G24	3000K	780lm
LED TP T38 SMD-9W/6000	100-240V	9W	G24	6000K	800lm

- Extremely energy saving with low power consumption
- Excellent thermal conductivity
- Perfect replacing Compact Fluorescent Lamp with > 30% power savings
- No mercury and hazardous substances
- Direct retrofit for G24 2pin Compact Fluorescent Lamp in CCG circuit without re-wiring work
- > 2.5 times the life of Compact Fluorescent Lamp
- Applicable for new installation with direct AC connection
- Good color rendition, $R_a \geq 80$

- 極低電耗，省電
- 優異的導熱性
- 完美取代傳統筷子管更節省30%耗電
- 無汞及有害物質
- 無需更改線路電路，可直接替代G24 2針筷子管使用
- 壽命比筷子管長2.5倍
- 可直接用於AC直氣電路，不用鎮流器
- 顯色度高, $R_a \geq 80$

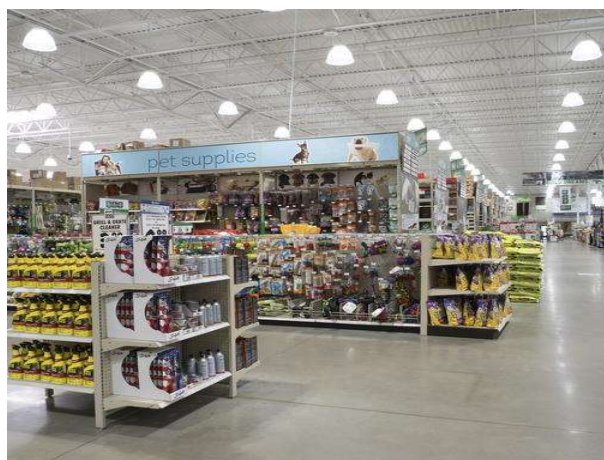
LED Tubular Lamp T80-T110



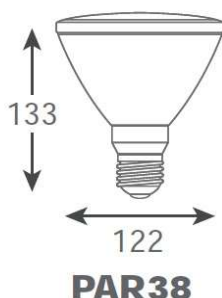
Model	Voltage	Wattage	Base	Color Temp	Lumen	Diameter (D)	Height(H)	
LED T80 18W/3000	220-240V	18W	E27	3000K	1800lm	80mm	145mm	Grade 1
LED T80 18W/6500	220-240V	18W	E27	6500K	2000lm	80mm	145mm	Grade 1
LED T100 26W/3000	220-240V	26W	E27	3000K	2300lm	100mm	170mm	Grade 2
LED T100 26W/6500	220-240V	26W	E27	6500K	2500lm	100mm	170mm	Grade 1
LED T110 36W/3000	220-240V	36W	E27	3000K	3500lm	120mm	200mm	Grade 2
LED T110 36W/6500	220-240V	36W	E27	6500K	3700lm	120mm	200mm	Grade 1

- Extremely energy saving with low power consumption
- Excellent thermal conductivity
- No mercury and hazardous substances
- 2.5 times the life of Electronic Energy Saving lamp
- 25 times the life of incandescent filament bulbs
- Perfect replacing Electronic Energy Saving lamp
- Good color rendition, $Ra \geq 80$
- Plastic base, light weight

- 極低電耗 · 省電
- 優異的導熱性
- 無汞及有害物質
- 比傳統電子慳電膽壽命長2.5倍
- 比傳統烏絲膽壽命長25倍
- 完美取代傳統電子慳電膽
- 顯色度高, $Ra \geq 80$
- 塑膠底座 · 重量輕



Glass LED COB PAR38



15W ~ 134W



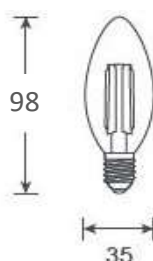
Model	Voltage	Wattage	Base	Color Temp	Lumen	
LED PAR38 COB-15W	220-240V	15W	E27	3000K	1100lm	Grade 2

- Perfect replacing traditional incandescent lamps and halogen PAR lamps
- Extremely energy saving with low power consumption
- Full glass LED PAR20/PAR30/PAR38 in actual size as halogen PAR lamp
- Frontal glass heat dissipation technology
- No mercury and hazard
- Good color rendition, $Ra \geq 80$
- Extremely energy saving with low power consumption

- 完美取代傳統的PAR型鎢絲膽和鹵素膽
- 極低電耗，省電
- 尺寸與傳統玻璃型PAR20/PAR30/PAR38一樣
- 優異的導熱性
- 無汞及有害物質
- 顯色度高, $Ra \geq 80$
- 極低電耗，省電

Dimmable Filament-LED Candle C35

可調光仿鎢絲椒膽 C35



4.5W ~ 40W

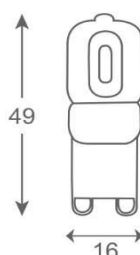


Model	Voltage	Wattage	Base	Color Temp	Lumen	
LED C35 FIL-4.5W-G-CS	220-240V	4.5W	E14	2700K	470lm	Grade 2

- Extremely energy saving with low power consumption
- Perfectly retrofit incandescent lamps with same appearance / performance / dimensions
- Good color rendition, $Ra \geq 80$
- Dimmable

- 極低電耗，省電
- 外觀 / 功能 / 尺寸完全一致，完美取代傳統鎢絲膽
- 顯色度高, $Ra \geq 80$
- 可調光

Thermal Plastic Multi-LED G9



2.5W ~ 26W

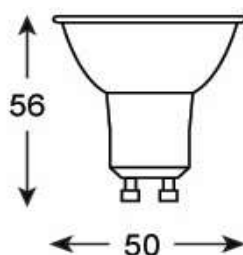


Model	Voltage	Wattage	Base	Color Temp	Lumen	
LED TP G9 SMD-2.5W	220-240V	2.5W	G9	3000K	225lm	Grade 2

- Extremely energy saving with low power consumption
- Overall light distribution
- Universal burning position
- Lamp weight < 12g comply with IEC requirement
- Good color rendition, Ra≥80

- 極低電耗，省電
- 360度全方位出光
- 全方位亮燈安裝方向
- 燈身重量少於12克，符合IEC有關G9燈膽的標準
- 顯色度高, Ra≥80

Thermal Plastic LED COB GU10

4.7W ~ 57W
7W ~ 80W

Model	Voltage	Wattage	Base	Beam Angle	Color Temp	Lumen	
LED TP GU10 COB-4.7W/3000	220-240V	4.7W	GU10	38°	3000K	435lm	Grade 2
LED TP GU10 COB-4.7W/4000	220-240V	4.7W	GU10	38°	4000K	455lm	Grade 2
LED TP GU10 COB-4.7W/6500	220-240V	4.7W	GU10	38°	6500K	475lm	Grade 2

HIGH OUTPUT VERSION

LED TP GU10 COB-7W/3000	220-240V	7W	GU10	38°	3000K	580lm	Grade 3
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- Extremely energy saving with low power consumption
- Excellent thermal conductivity
- No mercury and hazardous substances
- Good color rendition, Ra≥80

- 極低電耗，省電
- 優異的導熱性
- 具吸引力的半透明奶白反射罩
- 顯色度高, Ra≥80

Multi-LED Tubular Striplights



T9 S14s Base



	(D)	x	(L)	
5W	30	x	300	mm
8W	30	x	500	mm
16W	30	x	1000	mm

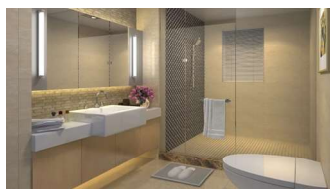
LED		
5W	~	35W
8W	~	60W
16W	~	120W



Model	Voltage	Wattage	Base	Angle	Color Temp	Lumen
DIMMABLE VERSION						
LED S14s T9 TP 5W	220-240V	5W	S14s	270°	2700K	400lm
LED S14s T9 TP 8W	220-240V	8W	S14s	270°	2700K	650lm
LED S14s T9 TP 16W	220-240V	16W	S14s	270°	2700K	1250lm

- Extremely energy saving with low power consumption
- Perfect retrofit traditional incandescent striplights
- Direct AC input with integrated driver
- Housing: PC
- No mercury and hazardous substances
- Good color rendition, $R_a \geq 80$
- Dimmable

- 極低電耗・省電
- 完美取代傳統燈絲管
- 內置火牛・可AC直氣使用
- 不易碎膠外殼
- 無汞及有害物質
- 顯色度高, $R_a \geq 80$
- 可調光



Multi-LED Linear R7s

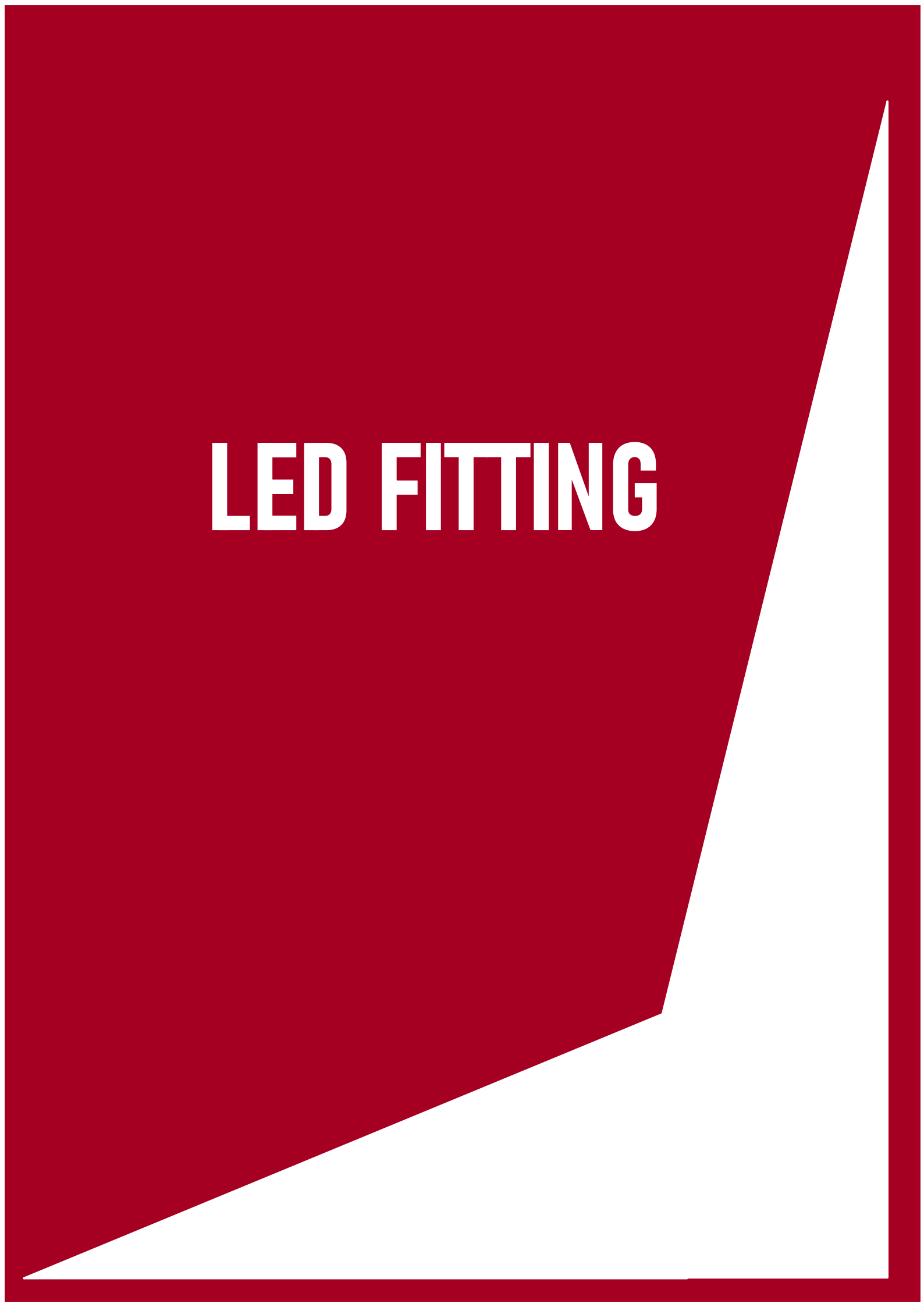


Model	Wattage	Voltage	Color Temp	Base	Dia. (D)	Length (L)	Lumen
LED J-118 8W 2700K	8W	220-240V	2700K	R7s	13.3mm	118mm	900 lm

- Extremely energy saving with low power consumption
- Perfect retrofit traditional linear halogen lamp
- Direct AC input
- No mercury and hazardous substances
- Good color rendition, $R_a \geq 80$

- 極低電耗・省電
- 完美取代傳統小太陽管
- AC直氣使用
- 無汞及有害物質
- 顯色度高, $R_a \geq 80$

LED FITTING

The background of the image is a solid red color. A large, white, abstract geometric shape is positioned on the right side, extending from the bottom right corner towards the top right. This shape is composed of several straight lines, creating a dynamic, angular composition. The text 'LED FITTING' is centered horizontally and positioned in the upper half of the image, rendered in a bold, white, sans-serif font.

LED Seamless Batten



Accessories

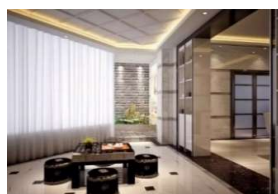
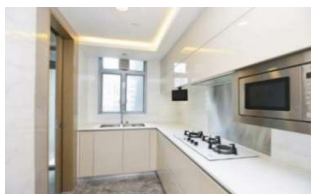


Model	Wattage	Voltage	Color Temp	Length (L)	Width (W)	Height (H)	Lumen	Max. of Connection	Body Color
LED T5F/4W/830	4W	220-240V	3000K	308mm	22.5mm	36mm	340lm	30	White
LED T5F/4W/840	4W	220-240V	4000K	308mm	22.5mm	36mm	380lm	30	White
LED T5F/4W/860	4W	220-240V	6000K	308mm	22.5mm	36mm	400lm	30	White
LED T5F/8W/830	8W	220-240V	3000K	582mm	22.5mm	36mm	650lm	15	White
LED T5F/8W/840	8W	220-240V	4000K	582mm	22.5mm	36mm	700lm	15	White
LED T5F/8W/860	8W	220-240V	6000K	582mm	22.5mm	36mm	720lm	15	White
LED T5F/10W/830	10W	220-240V	3000K	882mm	22.5mm	36mm	950lm	10	White
LED T5F/10W/840	10W	220-240V	4000K	882mm	22.5mm	36mm	1000lm	10	White
LED T5F/10W/860	10W	220-240V	6000K	882mm	22.5mm	36mm	1050lm	10	White
LED T5F/14W/830	14W	220-240V	3000K	1182mm	22.5mm	36mm	1350lm	8	White
LED T5F/14W/840	14W	220-240V	4000K	1182mm	22.5mm	36mm	1400lm	8	White
LED T5F/14W/860	14W	220-240V	6000K	1182mm	22.5mm	36mm	1450lm	8	White



- Energy saving with low power consumption
- Long average life 25,000hrs
- Good color rendition, Ra≥80
- Low thermal output with no IR and harmful UV
- No mercury and hazardous substances
- Seamless design
- Beam Angle: 130°
- Opal PC Diffuser + White body
- Easy install - use 2 mounting clips
- Linear plug and play connection at both ends
- Class II Electrical
- IP20

- 極低電耗・省電
- 超長壽命達25,000小時
- 顯色度高, Ra≥80
- 低熱量輸出・無紅外線和有害紫外線
- 無汞及有害物質
- 無縫一體式設計
- 光輸出角度: 130°
- 不碎膠奶白泛光罩+白色外殼
- 容易安裝 - 只用兩只安裝夾
- 兩端均可作為入電插座
- Class II 電路
- IP20

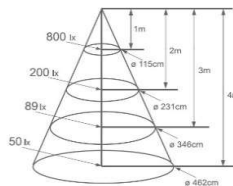
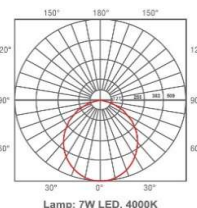
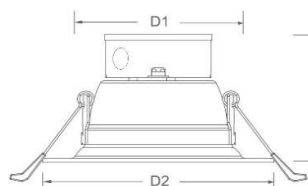


Optional - Connection cable



20cm
100cm

LED DOWNlight



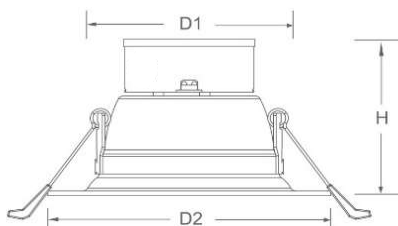
Model	Wattage	Voltage	Color Temp	Lumen	D1 (mm)	D2 (mm)	H (mm)
ND101E-3W/830	3W	220-240V	3000K	320lm	80mm	102mm	70mm
ND101E-3W/840	3W	220-240V	4000K	340lm	80mm	102mm	70mm
ND101E-3W/860	3W	220-240V	6000K	340lm	80mm	102mm	70mm
ND102E-5W/830	5W	220-240V	3000K	535lm	85mm	110mm	75mm
ND102E-5W/840	5W	220-240V	4000K	565lm	85mm	110mm	75mm
ND102E-5W/860	5W	220-240V	6000K	565lm	85mm	110mm	75mm
ND103E-7W/830	7W	220-240V	3000K	750lm	95mm	120mm	75mm
ND103E-7W/840	7W	220-240V	4000K	800lm	95mm	120mm	75mm
ND103E-7W/860	7W	220-240V	6000K	800lm	95mm	120mm	75mm
ND104E-12W/830	12W	220-240V	3000K	1030lm	120mm	145mm	77mm
ND104E-12W/840	12W	220-240V	4000K	1080lm	120mm	145mm	77mm
ND104E-12W/860	12W	220-240V	6000K	1080lm	120mm	145mm	77mm
ND205E-20W/830	20W	220-240V	3000K	2010lm	155mm	195mm	95mm
ND205E-20W/840	20W	220-240V	4000K	2010lm	155mm	195mm	95mm
ND205E-20W/860	20W	220-240V	6000K	2010lm	155mm	195mm	95mm
ND207E-22W/830	22W	220-240V	3000K	2250lm	180mm	220mm	105mm
ND207E-22W/840	22W	220-240V	4000K	2250lm	180mm	220mm	105mm
ND207E-22W/860	22W	220-240V	6000K	2250lm	180mm	220mm	105mm

- Recessed round downlight, uniform distribution
- Comfort glare-free diffuser
- Good color rendition, $Ra \geq 80$
- Body: Die-cast aluminium with white finish
- Trim: Die-cast aluminium, UV protected
- Diffuser: Frosted PS, UV protected
- Quick installation with mounting bracket
- Integral gear unit allows quick and easy installation
- Class II Electrical

- 圓形暗裝筒燈，光均勻分佈
- 舒適防眩光反射罩
- 顯色度高, $Ra \geq 80$
- 外殼: 白色塗層壓鑄鋁
- 邊框: 防紫外線白色鑄鋁
- 擴散器: 磨沙防紫外線 PS 面
- 附燈安裝夾，容易安裝
- 內置變壓器，安裝接駁簡單
- Class II 電路

LED DOWNlight-DIP SW

Generation 2



Dip switch - 10W/15W/20W



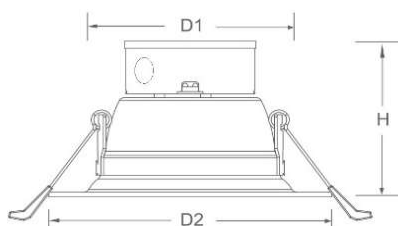
Model	Wattage	Color Temp	Lumen	D1 (mm)	D2 (mm)	H (mm)
ND205S-20W/830	10W / 15W / 20W	3000K	800lm/1165lm/1510lm	140mm	180mm	75mm
ND205S-20W/840	10W / 15W / 20W	4000K	800lm/1165lm/1510lm	140mm	180mm	75mm
ND205S-20W/860	10W / 15W / 20W	6000K	800lm/1165lm/1510lm	140mm	180mm	75mm
ND207S-20W/830	10W / 15W / 20W	3000K	800lm/1165lm/1510lm	185mm	229mm	65mm
ND207S-20W/840	10W / 15W / 20W	4000K	800lm/1165lm/1510lm	185mm	229mm	65mm
ND207S-20W/860	10W / 15W / 20W	6000K	800lm/1165lm/1510lm	185mm	229mm	65mm

- Selectable wattage 10W/ 15W/ 20W via dip-switch
- Recessed round downlight, uniform distribution
- Comfort glare-free diffuser
- Good color rendition, $Ra \geq 80$
- Body: Die-cast aluminium with white finish
- Trim: Die-cast aluminium, UV protected
- Diffuser: Frosted PS, UV protected
- Quick installation with mounting bracket
- Integral gear unit allows quick and easy installation
- 220-240V, 50/60Hz
- Class II Electrical
- IP20

- 可通過撥碼開關選擇功率 10W/ 15W/ 20W
- 圓形暗裝筒燈，光均勻分佈
- 舒適防眩光反射罩
- 顯色度高, $Ra \geq 80$
- 外殼: 白色塗層壓鑄鋁
- 邊框: 防紫外線白色鑄鋁
- 擴散器: 磨沙防紫外線 PS 面
- 附燈安裝夾，容易安裝
- 內置變壓器，安裝接駁簡單
- 220-240V, 50/60Hz
- Class II 電路
- IP20



LED DOWNlight-DIP SW



Dip switch - 10W/15W/20W



Model	Wattage	Color Temp	Lumen	D1 (mm)	D2 (mm)	H (mm)
ND205S-20W/830	10W / 15W / 20W	3000K	830lm/1610lm/2010lm	155mm	195mm	95mm
ND205S-20W/840	10W / 15W / 20W	4000K	830lm/1610lm/2010lm	155mm	195mm	95mm
ND205S-20W/860	10W / 15W / 20W	6000K	830lm/1610lm/2010lm	155mm	195mm	95mm
ND207S-20W/830	10W / 15W / 20W	3000K	830lm/1610lm/2010lm	180mm	220mm	105mm
ND207S-20W/840	10W / 15W / 20W	4000K	830lm/1610lm/2010lm	180mm	220mm	105mm
ND207S-20W/860	10W / 15W / 20W	6000K	830lm/1610lm/2010lm	180mm	220mm	105mm

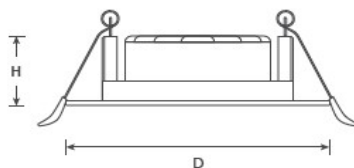
- Selectable wattage 10W/ 15W/ 20W via dip-switch
- Recessed round downlight, uniform distribution
- Comfort glare-free diffuser
- Good color rendition, $Ra \geq 80$
- Body: Die-cast aluminium with white finish
- Trim: Die-cast aluminium, UV protected
- Diffuser: Frosted PS, UV protected
- Quick installation with mounting bracket
- Integral gear unit allows quick and easy installation
- 220-240V, 50/60Hz
- Class II Electrical
- IP20

- 可通過撥碼開關選擇功率 10W/ 15W/ 20W
- 圓形暗裝筒燈，光均勻分佈
- 舒適防眩光反射罩
- 顯色度高, $Ra \geq 80$
- 外殼: 白色塗層壓鑄鋁
- 邊框: 防紫外線白色鑄鋁
- 擴散器: 磨沙防紫外線 PS 面
- 附燈安裝夾，容易安裝
- 內置變壓器，安裝接駁簡單
- 220-240V, 50/60Hz
- Class II 電路
- IP20

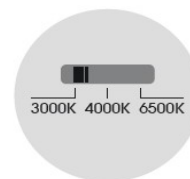
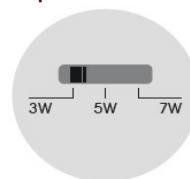


LED Round DOWNlight

ND433S 3CCT



Dip switch

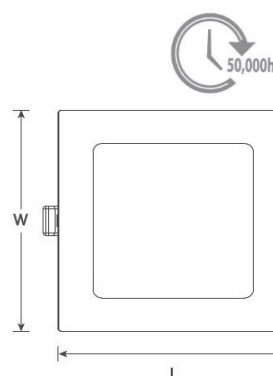


Model	Wattage	Color Temp	Lumen	Angle Beam	D	H	Cut out Ø
ND433S-7W/8XX/3CCT	3W/5W/7W	3000K/4000K/6500K	215lm/360lm/500lm	38°	90mm	23mm	68mm

- Recessed round downlight, uniform distribution
- Comfort glare-free diffuser
- Good color rendition, $Ra \geq 80$
- Inventory cost saving
- Selectable wattage and CCT via dip-switch
- Diffuser: Frosted PS, UV protected
- Quick installation with mounting bracket
- Integral gear unit allows quick and easy installation
- 220-240V, 50/60Hz
- Class II Electrical
- IP20

- 圓形暗裝筒燈・光均勻分佈
- 舒適防眩光反射罩
- 顯色度高, $Ra \geq 80$
- 節省庫存成本
- 透過撥碼開關可選擇功率和色溫
- 擴散器: 磨沙防紫外線 PS 面
- 附燈安裝夾・容易安裝
- 內置變壓器・安裝接駁簡單
- 220-240V, 50/60Hz
- Class II 電路
- IP20

LED Slim Square Downlight

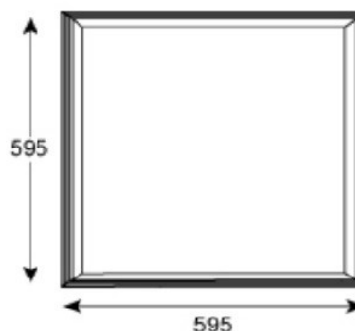


Model	Wattage	Color Temp	Lumen	L (mm)	W (mm)	H (mm)
ND215E-15W/830	15W	3000K	1390lm	201mm	201mm	28mm

- Square downlight, uniform distribution
- Comfort glare-free diffuser
- Good color rendition, $Ra \geq 80$
- Body: Die-cast aluminium with white finish
- Diffuser: Frosted PS, UV protected
- Quick installation with mounting bracket
- Integral gear unit allows quick and easy installation
- 220-240V, 50/60Hz
- Class II Electrical
- IP20

- 方形暗裝筒燈・光均勻分佈
- 舒適防眩光反射罩
- 顯色度高, $Ra \geq 80$
- 外殼: 白色塗層壓鑄鋁
- 擴散器: 磨沙防紫外線 PS 面
- 附燈安裝夾・容易安裝
- 內置變壓器・安裝接駁簡單
- 220-240V, 50/60Hz
- Class II 電路
- IP20

LED Panel



Optional spare parts

NDPM-001

Pendant mount kit



Model	Wattage	Voltage	Color Temp	Length (L)	Width (W)	Height (H)	Power factor	Lumen
PL34W/6060/S-840	34W	220-240V	4000K	595mm	595mm	10mm	0.90	3400lm

- Stable light output, no flickering
- Energy saving with low power consumption
- Long average life 25,000hrs
- Good color rendition, $Ra \geq 80$
- Low thermal output with no IR and harmful UV
- No mercury and hazardous substances
- Beam Angle: 120°
- Opal PC Diffuser + White body
- 3 mounting methods: Recess mounted, * Surface mounted, * Pendant mounted *(Need to buy accessories)
- Class II Electrical
- IP20

- 光輸出穩定，無頻閃
- 極低電耗，省電
- 超長壽命達25,000小時
- 顯色度高, $Ra \geq 80$
- 低熱量輸出，無紅外線和有害紫外線
- 無汞及有害物質
- 光輸出角度: 120°
- 不碎膠奶白泛光罩+白色外殼
- 3種不同安裝方法: 暗裝，明裝*，吊裝* *(需另購配件)
- Class II 電路
- IP20



LED Highbay



IK 09

IP 65

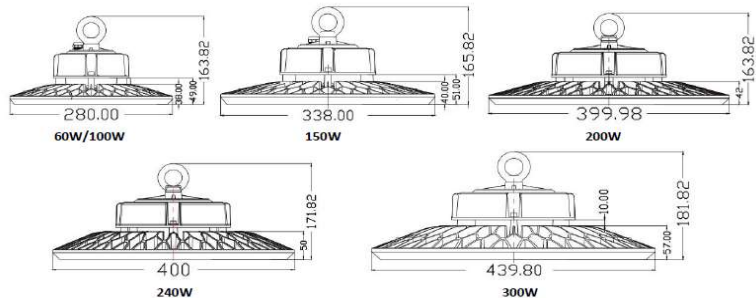


NO UV

NO INFRARED



Dimension (unit: mm)



Reflector Options

ALU



PC



45°: Ø384 x 145mm

60°: Ø372 x 149mm

90°: Ø455 x 130mm

120°: Ø505 x 125mm

60°: Ø415 x 270mm

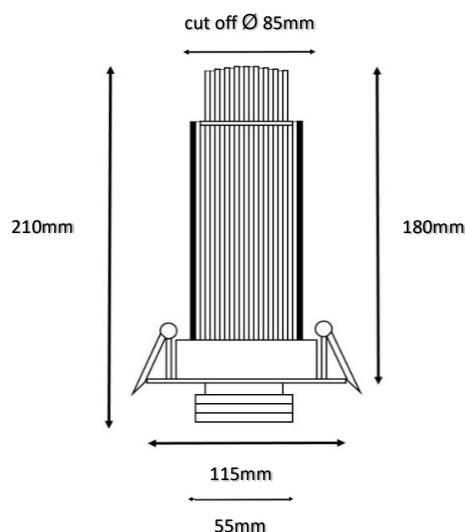
Model	Wattage	Voltage	Color Temp	Beam Angle	Lumen
ND1020-3-ALB060-02	60W	100-277V	3000K	60° / 90° / 120°	9000lm
ND1020-3-ALD060-02	60W	100-277V	4000K	60° / 90° / 120°	9000lm
ND1020-3-ALG060-02	60W	100-277V	6000K	60° / 90° / 120°	9000lm
ND1022-3-ALB100-02	100W	100-277V	3000K	60° / 90° / 120°	15000lm
ND1022-3-ALD100-02	100W	100-277V	4000K	60° / 90° / 120°	15000lm
ND1022-3-ALG100-02	100W	100-277V	6000K	60° / 90° / 120°	15000lm
ND1023-3-ALB150-02	150W	100-277V	3000K	60° / 90° / 120°	22500lm
ND1023-3-ALD150-02	150W	100-277V	4000K	60° / 90° / 120°	22500lm
ND1023-3-ALG150-02	150W	100-277V	6000K	60° / 90° / 120°	22500lm
ND1024-3-ALB200-02	200W	100-277V	3000K	60° / 90° / 120°	30000lm
ND1024-3-ALD200-02	200W	100-277V	4000K	60° / 90° / 120°	30000lm
ND1024-3-ALG200-02	200W	100-277V	6000K	60° / 90° / 120°	30000lm
ND1023-3-ALB240-02	240W	100-277V	3000K	60° / 90° / 120°	36000lm
ND1023-3-ALD240-02	240W	100-277V	4000K	60° / 90° / 120°	36000lm
ND1023-3-ALG240-02	240W	100-277V	6000K	60° / 90° / 120°	36000lm
ND1024-3-ALB300-02	300W	100-277V	3000K	60° / 90° / 120°	45000lm
ND1024-3-ALD300-02	300W	100-277V	4000K	60° / 90° / 120°	45000lm
ND1024-3-ALG300-02	300W	100-277V	6000K	60° / 90° / 120°	45000lm

- Wide beam angle for large open area coverage
- Uniformity distribution in high ceiling application
- Controls (optional): Dali Dimming/Microwave/Zigbee
- Color rendering index Ra≥70
- Die-cast aluminium body, Clear PC lens or Milky PC lens
- Reflector (optional): Anodised aluminium / PC
- Pendant mount by chain / Bracket
- Easy assembly by screw fixation
- Class I Electrical
- Up to 150lm/W
- IP65
- IK09

- 寬闊的光束角，可覆蓋大面積開放區域
- 適用於高天花板，光均勻分佈
- 控制（可選）：Dali 調光/微波/Zigbee
- 顯色度 ≥70
- 壓鑄鋁製外殼，透明PC鏡片/ 奶白PC鏡片
- 反射罩(可選)：陽極氧化鋁 / PC
- 鍊式吊裝 / 托架
- 通過螺絲固定，安裝容易
- Class I 電路
- 150lm/W
- IP65
- IK09



LED Logo Projector



Model	Wattage	Voltage	LED chips	Beam Angle	Lumen
ND1088-3-PLL025-10	25W	110-220V	OSRAM	10°	12500lm
ND1088-3-PLL025-20	25W	110-220V	OSRAM	20°	12500lm
ND1088-3-PLL025-25	25W	110-220V	OSRAM	25°	12500lm

- Recess-mounted logo projector
- Die-cast aluminum body, good clear lens
- Adjustable tilting angle $\pm 15^\circ$
- Easy installation with 2 spring clips
- Recommend project distance within 1-8m
- Reserve at least 200mm height above ceiling for recess installation
- Focus can be adjust for difference height purpose
- Integrated fan for good heat dissipation
- Tailor made project logo can be order upon requested
- Remote LED ballast for flexible installation
- Life time: 35,000hrs
- IP20

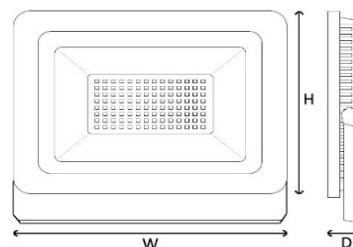
- 嵌入式標誌投影儀
- 壓鑄鋁製外殼，清晰的鏡片
- 可調傾斜角度 $\pm 15^\circ$
- 使用兩個彈簧夾，容易安裝
- 建議工程距離在1-8m以內
- 在天花板上方最少預留 200 毫米的高度以用於嵌入式安裝
- 可針對不同高度調整焦距
- 集成風扇，散熱良好
- 項目標誌可根據要求訂製
- 遠程 LED 鎮流器，安裝靈活
- 使用壽命：35,000 小時
- IP20



**Parts of designed logo



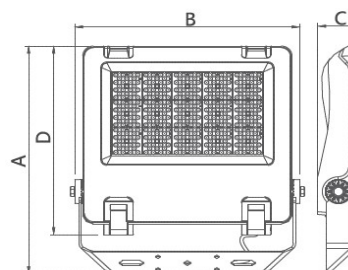
LED FLOODlight IP65



Model	Wattage	Voltage	Color Temp	Lumen	Beam Angle	W (mm)	H (mm)	D (mm)
UF123E-50W/830	50W	180-240V	3000K	3000lm	110°	205mm	160mm	30mm
UF123E-50W/865	50W	180-240V	6500K	3500lm	110°	205mm	160mm	30mm
UF124E-100W/830	100W	180-240V	3000K	6000lm	110°	270mm	210mm	32mm
UF124E-100W/865	100W	180-240V	6500K	7000lm	110°	270mm	210mm	32mm

LED FLOODlight IP66

LED 防水泛光燈 (160lm/W)



Model	Wattage	Voltage	Color Temp	Lumen	Beam Angle	A (mm)	B (mm)	C (mm)	D (mm)
FL-PRO150W830	150W	120-277V	3000K	24000lm	120°	415mm	294mm	70mm	388mm
FL-PRO150W840	150W	120-277V	4000K	24000lm	120°	415mm	294mm	70mm	388mm
FL-PRO150W860	150W	120-277V	6000K	24000lm	120°	415mm	294mm	70mm	388mm

- Polyester powder finish for excellent corrosion and UV resistance
- Design for excellent thermal transfer to extend component life
- Good heat dissipation performance
- Good color rendition, $Ra \geq 80$
- 160LM/W
- Sturdy die-cast aluminium body in black/white color with anodised steel bracket and extruded silicone rubber gasket for long life
- Toughened glass diffuser
- Suitable for mast mounting and wall mounting
- Class I Electrical
- IP66, IK08

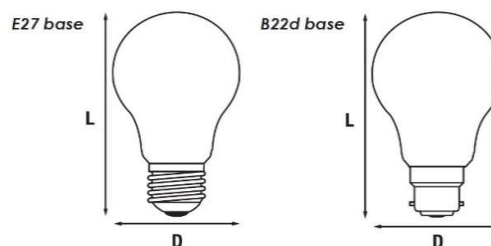
- 聚酯粉末表面具有出色的耐腐蝕性和抗紫外線性
- 設計出色的熱傳遞，延長部件壽命

- 良好的散熱性能
- 顯色度高, $Ra \geq 80$
- 160LM/W
- 黑/白色堅固的壓鑄鋁製外殼連陽極氧化鋼支架，更有擠壓矽橡膠墊圈，令使用壽命更長
- 鋼化玻璃擴散器
- 適用於桅杆安裝和牆壁安裝
- Class I 電路
- IP66, IK08

The background is a solid blue color with a large white triangular shape on the right side, pointing towards the top right corner. The text is centered in the blue area.

TRADITIONAL LAMPS

GLS Lamp 普通型鎢絲膽

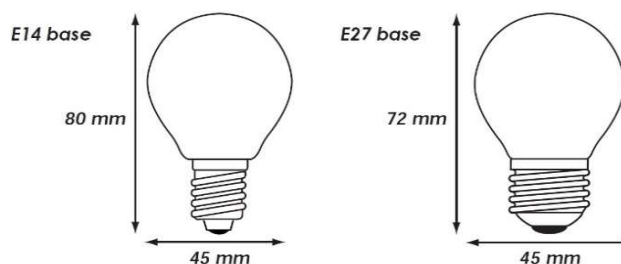


Model	Wattage	Voltage	Glass	Base	Diameter	Length	Lumen
GLS 40W-C	40W	220-240V	Clear	E27	60mm	105mm	415 lm
GLS 60W-C	60W	220-240V	Clear	E27/B22d	60mm	105mm	710 lm
GLS 100W-C	100W	220-240V	Clear	E27/B22d	60mm	105mm	1340 lm
GLS 200W-C	200W	220-240V	Clear	E27/B22d	80mm	150mm	2000 lm
GLS 25W-F	25W	220-240V	Frosted	E27	60mm	105mm	210 lm
GLS 40W-F	40W	220-240V	Frosted	E27	60mm	105mm	415 lm
GLS 60W-F	60W	220-240V	Frosted	E27	60mm	105mm	710 lm
GLS 100W-F	100W	220-240V	Frosted	E27	60mm	105mm	1340 lm

- Clear glass / Frosted glass as option
- 100% Dimmable

- 透明玻璃 / 磨沙玻璃可供選擇
- 100% 可調光

Round Incandescent Lamp 球型鎢絲膽

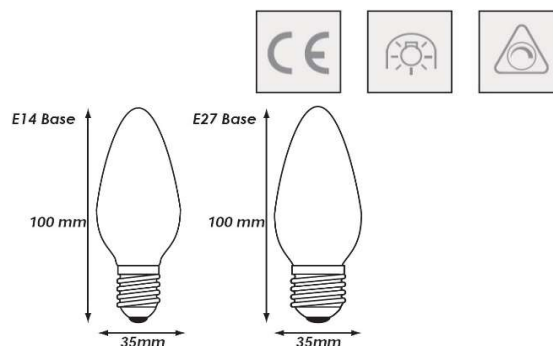


Model	Wattage	Voltage	Glass	Base	Diameter	Length	Lumen
ROUND 25W-C	25W	220-240V	Clear	E14/E27	45mm	80mm/72mm	210 lm
ROUND 40W-C	40W	220-240V	Clear	E14/E27	45mm	80mm/72mm	400 lm
ROUND 60W-C	60W	220-240V	Clear	E14/E27	45mm	80mm/72mm	660 lm
ROUND 25W-F	25W	220-240V	Frosted	E14/E27	45mm	80mm/72mm	210 lm
ROUND 40W-F	40W	220-240V	Frosted	E14/E27	45mm	80mm/72mm	400 lm
ROUND 60W-F	60W	220-240V	Frosted	E14/E27	45mm	80mm/72mm	660 lm

- Clear glass / Frosted glass as option
- 100% Dimmable

- 透明玻璃 / 磨沙玻璃可供選擇
- 100% 可調光

Candle Incandescent Lamp 椒型鎢絲膽

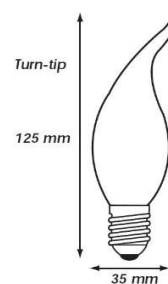


Model	Wattage	Voltage	Glass	Base	Diameter	Length	Lumen
CANDLE 25W-C	25W	220-240V	Clear	E14	35mm	100mm	210 lm
CANDLE 40W-C	40W	220-240V	Clear	E14	35mm	100mm	400 lm
CANDLE 60W-C	60W	220-240V	Clear	E14/E27	35mm	100mm	660 lm
CANDLE 25W-F	25W	220-240V	Frosted	E14	35mm	100mm	210 lm
CANDLE 40W-F	40W	220-240V	Frosted	E14	35mm	100mm	400 lm
CANDLE 60W-F	60W	220-240V	Frosted	E14/E27	35mm	100mm	660 lm

- Clear glass / Frosted glass as option
- 100% Dimmable

- 透明玻璃 / 磨沙玻璃可供選擇
- 100% 可調光

Candle Turn-Tip Incandescent Lamp 拉尾椒型鎢絲膽



Model	Wattage	Voltage	Glass	Base	Diameter	Length	Lumen
CANDLE TT 25W-C	25W	220-240V	Clear	E14	35mm	125mm	210 lm
CANDLE TT 60W-C	60W	220-240V	Clear	E14	35mm	125mm	660 lm
CANDLE TT 60W-F	60W	220-240V	Frosted	E14	35mm	125mm	660 lm

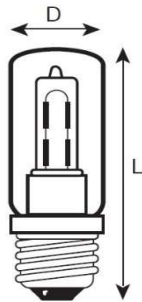
- Clear glass / Frosted glass as option
- 100% Dimmable

- 透明玻璃 / 磨沙玻璃可供選擇
- 100% 可調光



JDD Standard Double Envelope Halogen Lamp

JDD 雙保護鹵素膽



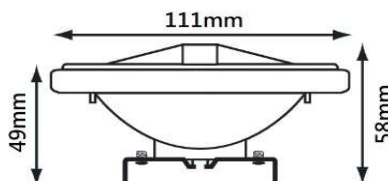
Clear, E27

Model	Wattage	Voltage	Glass	Base	Diameter	Length	Lumen
JDD 70W (64400)	70W	230V	Clear	E27	32mm	105mm	1050 lm
JDD 100W (64401)	100W	230V	Clear	E27	32mm	105mm	1500 lm
JDD 150W (64402)	150W	230V	Clear	E27	32mm	105mm	2500 lm
JDD 200W (64404)	200W	230V	Clear	E27	32mm	105mm	3200 lm

- Crisp warm light with high efficiency
- Average life 2000 hours
- Conforms to EN60432-2/EN60357 requirements with integrated fuse
- Self-shielded feature allows free burning in open fixtures
- Conforms to EN60598 safety requirement
- The hard glass envelope blocks harmful UV radiation
- 高效率的黃光輸出
- 平均壽命2000小時
- 內置保險絲符合EN60432-2 / EN60357要求
- 自屏蔽功能允許在開放式燈具中任何角度亮燈
- 符合EN60598安全要求
- 硬質玻璃外殼可阻擋有害的紫外線輻射

AR111 Low voltage Halogen Spot Light

AR111 低壓鹵素射燈



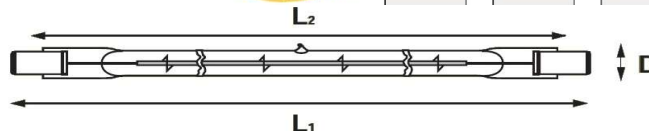
Model	Wattage	Voltage	Beam Angle	Intensity (cd)	Base
SPOT111/50/FL (41835FL)	50W	12V	24°	4000	G53
SPOT111/75/FL (41840FL)	75W	12V	24°	5300	G53

- Low voltage halogen point source lighting
- Intelligent spots-versatile shop-lighting, exhibition and art gallery display
- The front bridge cover allows glare free comfortable light quality
- Aluminum reflector allow 100% light reflection with no color shift throughout life of lamp
- Average life 3,000 hours
- Color temperature 3000K
- 100% Dimmable

- 低壓鹵素焦點照明
- 多功能商店照明，展覽和藝術畫廊展示
- 前橋蓋可實現無眩光的舒適光線質量
- 鋁質反射器可實現100%光反射，在燈泡的整個使用壽命期間不會發生色溫偏移
- 平均壽命3,000小時
- 色溫3000K
- 100% 可調光

Double-Ended Linear Halogen Lamp

雙端直氣小太陽管



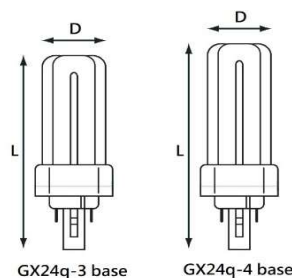
Model	Wattage	Voltage	Filament Support	Base	Dia. (D)	Length (L1)	Length (L2)	Lumen
J-78/100W	100W	230V	Re-inforced	R7s	8mm	78mm	76 ± 1.5mm	1650 lm
J-78/150W	150W	230V	Re-inforced	R7s	8mm	78mm	76 ± 1.5mm	2600 lm
J-78/200W	200W	230V	Re-inforced	R7s	8mm	78mm	76 ± 1.5mm	3200 lm
J-118/100W	100W	230V	Re-inforced	R7s	8mm	118mm	114 ± 1.5mm	1650 lm
J-118/150W	150W	230V	Re-inforced	R7s	8mm	118mm	114 ± 1.5mm	2600 lm
J-118/200W	200W	230V	Standard	R7s	8mm	118mm	114 ± 1.5mm	3200 lm
J-118/300W	300W	230V	Standard	R7s	8mm	118mm	114 ± 1.5mm	5000 lm
J-118/500W	500W	230V	Standard	R7s	10mm	118mm	114 ± 1.5mm	9500 lm
J-189/1000W	1000W	230V	Standard	R7s	10mm	189mm	185 ± 1.5mm	22000 lm

- Average life 2,000 hours
- Color temperature 2900K
- Protective covers are required for lighting fixtures
- 100% Dimmable

- 平均壽命2,000小時
- 色溫2900K
- 照明燈具需要保護罩
- 100% 可調光

T/E 4 Pin Compact Fluorescent Lamp

三環四針慳電管



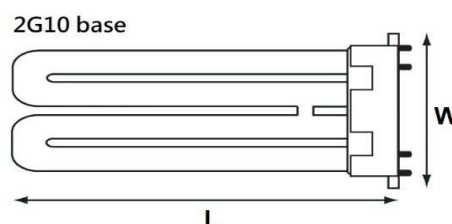
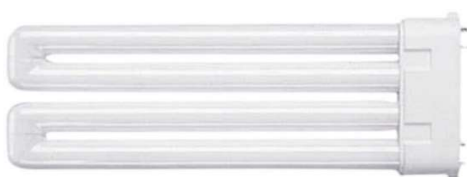
Model	Wattage	CRI	Base	Color Temp	Lumen	Diameter (D)	Length (L)
CLT/E-32W/827	32W	80-89, 1B	GX24q-3	2700K	2400lm	49mm	147mm
CLT/E-32W/830	32W	80-89, 1B	GX24q-3	3000K	2400lm	49mm	147mm
CLT/E-32W/840	32W	80-89, 1B	GX24q-3	4000K	2400lm	49mm	147mm
CLT/E-42W/830	42W	80-89, 1B	GX24q-4	3000K	3200lm	49mm	168mm
CLT/E-42W/840	42W	80-89, 1B	GX24q-4	4000K	3200lm	49mm	168mm

- Extremely slim with small dimensions
- 8 times the lives and only 20% of power consumption of ordinary light bulbs
- Good color rendition, $R_a \geq 80$
- Dimmable by using a specify electronic ballast

- 非常纖薄，呎吋小巧
- 比普通燈泡壽命長8倍，但耗電量僅為20%
- 顯色度高, $R_a \geq 80$
- 配合指定的電子牛便可調光

Flat Type 4P Compact Fluorescent Lamps

平排四針慳電管



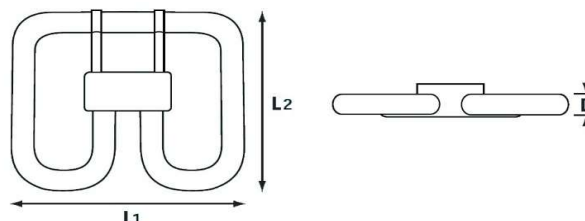
Model	Wattage	CRI	Base	Color Temp	Lumen	Width (W)	Length (L)
CLF-24W/840	24W	80-89, 1B	2G10	4000K	1705lm	90mm	165mm
CLF-36W/840	36W	80-89, 1B	2G10	4000K	2810lm	90mm	217mm

- Flat compact fluorescent lamps with high luminous efficacy
- 8 times the lives and only 20% of power consumption of ordinary light bulbs
- Can use with conventional or electronic control gear for T8 and FLL (2G10 base) lamp
- Good color rendition, $R_a \geq 80$
- Dimmable by using a specify electronic ballast

- 扁平緊湊型熒光燈，具有更好的光輸出效果
- 比普通燈泡壽命長8倍，但耗電量僅為20%
- 可適用與T8/PLL傳統或電子牛一起使用 (需配合2G10燈座)
- 顯色度高, $R_a \geq 80$
- 配合指定的電子牛便可調光

2D Compact Fluorescent Lamp

2D 慳電管 (蝴蝶管)



Model	Wattage	Base	Color Temp	Lumen	Length (L1)	Length (L2)	Tube Dia. (D)
2 Pin 2D Compact fluorescent lamp							
F16/2D/827/2P	16W	GR8q-2	2700K	1056lm	138mm	141mm	15mm
4 Pin 2D Compact fluorescent lamp							
F16/2D/827/4P	16W	GR10q-4	2700K	1056lm	138mm	141mm	15mm
F16/2D/835/4P	16W	GR10q-4	3500K	1056lm	138mm	141mm	15mm
F21/2D/827/4P	21W	GR10q-4	2700K	1350lm	138mm	141mm	15mm
F21/2D/835/4P	21W	GR10q-4	3500K	1350lm	138mm	141mm	15mm
F28/2D/827/4P	28W	GR10q-4	2700K	2050lm	205mm	207mm	15mm
F28/2D/835/4P	28W	GR10q-4	3500K	2050lm	205mm	207mm	15mm
F28/2D/840/4P	28W	GR10q-4	4000K	2050lm	205mm	207mm	15mm
F28/2D/860/4P	28W	GR10q-4	6000K	2050lm	205mm	207mm	15mm
F38/2D/827/4P	38W	GR10q-4	2700K	2850lm	205mm	207mm	15mm
F38/2D/835/4P	38W	GR10q-4	3500K	2850lm	205mm	207mm	15mm
F38/2D/840/4P	38W	GR10q-4	4000K	2850lm	205mm	207mm	15mm
F38/2D/860/4P	38W	GR10q-4	6000K	2850lm	205mm	207mm	15mm

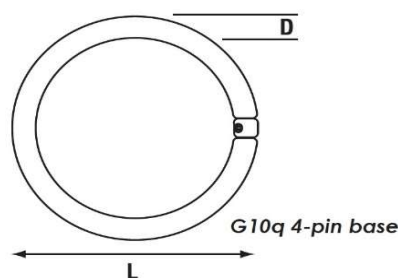
- Good color rendition, $Ra \geq 80$
- Dimmable by using a specify electronic ballast

- 顯色度高, $Ra \geq 80$
- 配合指定的電子牛便可調光



T9 (30mm) Circular Fluorescent Lamps

T9 (30mm) 圓形螢光燈



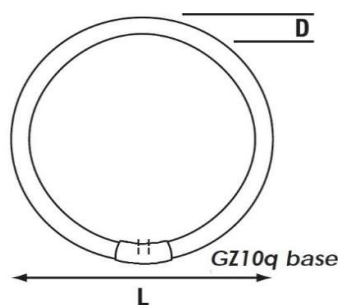
Model	Wattage	CRI	Base	Color Temp	Lumen	Diameter (D)	Length (L)
CIR 22T9/D	22W	60-69, 2B	G10q-4	6500K	920lm	30mm	216mm
CIR 32T9/D	32W	60-69, 2B	G10q-4	6500K	1700lm	30mm	307mm
CIR 40T9/WW	40W	60-69, 2B	G10q-4	2900K	2400lm	30mm	409mm
CIR 40T9/D	40W	60-69, 2B	G10q-4	6500K	3200lm	30mm	409mm

- Circular shape with high luminous efficacy
- Need to operate with ballast

- 圓形管身具有更好的光輸出效果
- 需配合鎮流器使用

T5 (16mm) Circular Fluorescent Lamps

T5 (16mm) 圓形螢光燈



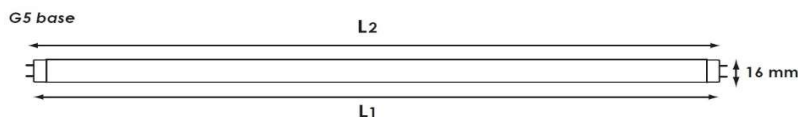
Model	Wattage	CRI	Base	Color Temp	Lumen	Diameter (D)	Length (L)
T5C 22W/865	22W	80-89, 1B	GZ10q	6500K	1400lm	16mm	185mm
T5C 32W/865	32W	80-89, 1B	GZ10q	6500K	2350lm	16mm	244mm

- Circular shape with high luminous efficacy
- Need to operate with ballast
- Operate with dimmable ballast can achieve the best environment and energy saving purpose

- 圓形管身具有更好的光輸出效果
- 需配合鎮流器使用
- 配合可調光鎮流器達至最佳環境效果或節能要求

T5 (16mm) Tubular Fluorescent Lamps

T5 (16mm) 光管



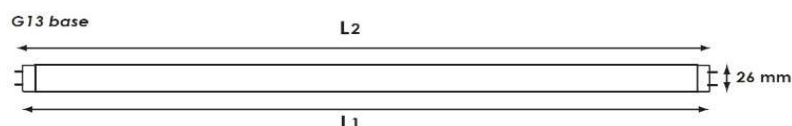
Model	Wattage	Color Temp	Lumen	Base	Diameter (D)	Length (L1)	Length (L2)
F8T5/WW	8W	3000K	380lm	G5	16mm	288mm	302mm
F8T5/W	8W	3500K	380lm	G5	16mm	288mm	302mm
F8T5/CW	8W	4000K	380lm	G5	16mm	288mm	302mm
F8T5/865	8W	6500K	330lm	G5	16mm	288mm	302mm

- 8W T5 Fluorescent tube with several color
- Need to operate with ballast

- 具多種色溫8W T5光管
- 需配合鎮流器使用

T8 (26mm) Tubular Fluorescent Lamps

T8 (26mm) 光管



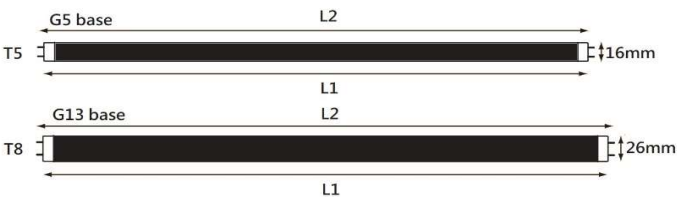
Model	Wattage	Color Temp	Lumen	Base	Diameter (D)	Length (L1)	Length (L2)
F10T8/865	10W	6500K	550lm	G13	26mm	330mm	345mm
F15T8/865	15W	6500K	850lm	G13	26mm	438mm	451mm

- Special length
- Need to operate with ballast

- 特殊長度
- 需配合鎮流器使用

Blacklight Blue-Special Fluorescent tube

Blacklight Blue - 特殊光管



Model	Wattage	Color Temp	Base	Diameter (D)	Length (L1)	Length (L2)
T5 Fluorescent tube						
F4T5/BLB	4W	Blacklight Blue	G5	16mm	150mm	164mm
F21T5/BLB	21W	Blacklight Blue	G5	16mm	849mm	863mm
T8 Fluorescent tube						
F18T8/BLB	18W	Blacklight Blue	G13	26mm	590mm	604mm
F30T8/BLB	30W	Blacklight Blue	G13	26mm	895mm	909mm

- Made with Wood's glass and emit UV rays of 360nm mainly
 - Suitable for use as counterfeit detector, special stage effect
 - Applications similar to blacklight lamps
 - Need to operate with ballast
- 採用伍德玻璃製成，主要放出360nm的紫外線
 - 適合用作探測器，特殊的舞台效果
 - 可類似應用作黑光燈
 - 需配合鎮流器使用

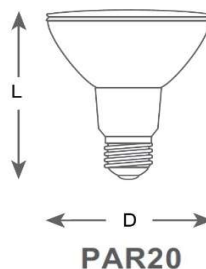


Low Voltage PAR Halogen Lamp

低壓PAR水池膽



PAR20



PAR20

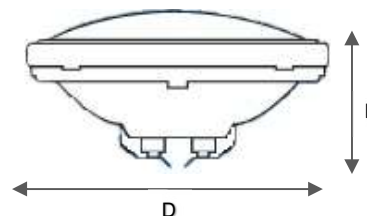
Model	Wattage	Voltage	Beam Angle	Base	Diameter (D)	Length (L)
PAR20 100W/FL/12V	100W	12V	30° ± 10%	E27	63mm	79mm

- Voltage 12V, need to operate with a low voltage transformer
- E27 lamp base, easy to install
- Excellent use in pool lighting

- 12V 電壓，需配合降壓鎮流器使用
- E27燈頭，易於安裝
- 非常適合在泳池照明

Low Voltage PAR Halogen Lamp

低壓PAR水池膽



Model	Wattage	Voltage	Beam Angle	Base	Diameter (D)	Length (L)
PAR56 300W/12V	300W	12V	30° ± 10%	Screw Terminal	178mm	127mm

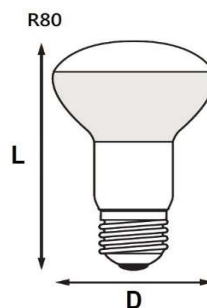
- Voltage 12V, need to operate with a low voltage transformer
- Excellent use in pool lighting

- 12V 電壓，需配合降壓鎮流器使用
- 非常適合在泳池照明



Incandescent R80 Reflector Lamp

R80 鎢絲反射膽



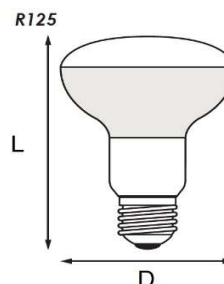
Model	Wattage	Voltage	Base	Beam Angle	Diameter (D)	Length (L)
R80 100W/E27	100W	220-240V	E27	40° ± 10%	80mm	110mm

- Wide range of uses
- Dimmable
- E27 lamp base, easy to install

- 用途廣泛
- 可調光
- E27燈頭，易於安裝

Incandescent R125 Infrared Heat Lamp

R125 紅外線暖膽



Model	Wattage	Voltage	Base	Beam Angle	Diameter (D)	Length (L)
R125/IR 275W	275W	220-240V	E27	30°	125mm	185mm

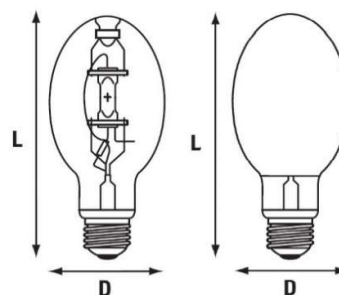
- Hard glass bulb shell in enduring temperature change
- Special cement to ensure of no loosening lamp base for prolong usage
- Average life time 5,000 hours

- 耐久溫度變化的堅硬玻璃球殼
- 特殊物料，確保燈座不會因高溫而鬆動，延長使用壽命
- 平均壽命為5,000小時



Single-Ended Metal Halide Lamps

單端金屬鹵素膽



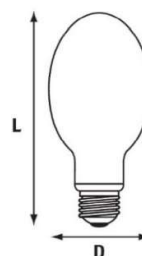
Model	Wattage	Color Temp	Lumen	Base	Glass	Diameter (D)	Length (L)
MH-E70/WDL/CL	70W	3000K	5,200 lm	E27	Clear	55mm	137 ± 3mm
MHP-E70/WDL	70W	3000K	4,800 lm	E27	Coated	55mm	137 ± 3mm
MH-E70/NDL/CL	70W	4000K	5,500 lm	E27	Clear	55mm	137 ± 3mm
MHP-E70/NDL	70W	4000K	5,100 lm	E27	Coated	55mm	137 ± 3mm
MHP-E100/NDL/CL	100W	4000K	8,400 lm	E27	Clear	55mm	137 ± 3mm
MHP-E100/NDL	100W	4000K	7,800 lm	E27	Coated	55mm	137 ± 3mm
MH-E150/WDL/CL	150W	3000K	12,500 lm	E27	Clear	55mm	137 ± 3mm
MH-E150/WDL	150W	3000K	11,800 lm	E27	Coated	55mm	137 ± 3mm
MH-E150/NDL/CL	150W	4000K	12,500 lm	E27	Clear	55mm	137 ± 3mm
MH-E150/NDL	150W	4000K	11,800 lm	E27	Coated	55mm	137 ± 3mm

- High Luminous efficacy with very good colour rendition
- Universal burning position
- Long burning hours

- 高光效，具有非常好的顯色度
- 全方位燃點方位
- 使用壽命長

Single-Ended High Pressure Sodium Lamps - SON-E/I

單端高壓鈉膽 - 內置點火器



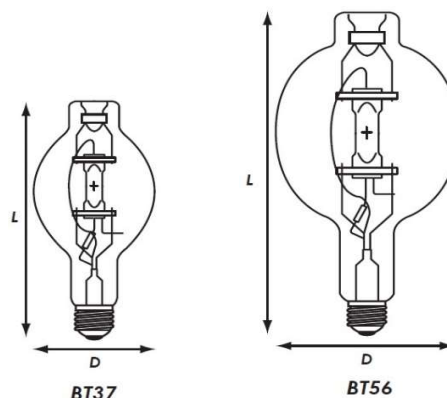
Model	Wattage	Integral ignitor	Lumen	Base	Glass	Diameter (D)	Length (L)
SON-E 70/I	70W	Yes	4,600 lm	E27	Coated	70mm	156mm

- High Luminous efficacy with very good colour rendition
- Universal burning position
- Long burning hours

- 高光效，具有非常好的顯色度
- 全方位燃點方位
- 使用壽命長

US Single-Ended Metal Halide Lamps

美式單端金屬鹵素膽



Model	Wattage	Color Temp	Lumen	Base	Glass	Diameter (D)	Length
MH-1000/U BT37	1000W	4000K	110,000 lm	E39	Clear	118mm	292mm
MH-1000/U BT56	1000W	4000K	110,000 lm	E39	Clear	178mm	391mm
MH-1000/U BT56	1000W	4000K	110,000 lm	E40	Clear	178mm	391mm
MH-1000/C BT56	1000W	4000K	105,000 lm	E39	Coated	178mm	391mm

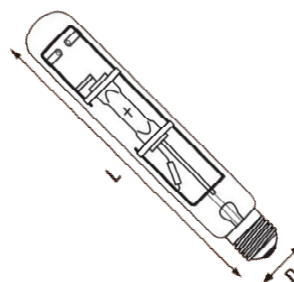
- High Luminous efficacy with very good colour rendition
- Universal burning position
- Long burning hours

- 高光效 · 具有非常好的顯色度
- 全方位燃點方位
- 使用壽命長



EU Single-Ended Metal Halide Lamps

歐式單端金屬鹵素膽



Model	Wattage	Color Temp	Lumen	Base	Glass	Diameter (D)	Length
MH-T 1000W/N T65	1000W	4300K	110,000 lm	E40	Clear	64mm	377mm

- High Luminous efficacy with very good colour rendition
- Universal burning position
- Long burning hours

- 高光效 · 具有非常好的顯色度
- 全方位燃點方位
- 使用壽命長

LED Blowing Control lamp

LED 懷舊調光吹控燈

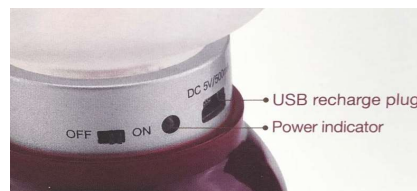


Model	Rated Power	Color Temp	Dimmable	Input	Rechargeable Battery
LED-BCL 1W	1W	2900K	YES	500mA/DC 5V	600mAh

- Switch the LED light on and off by blowing the light.
- Adjustable LED brightness.
- Ultra-bright LED, harmless to eyes, long life time.
- Built in high capacity rechargeable battery, energy saving, convenient and safe.
- Rechargeable by USB power cable

- 對著燈罩裡面吹可點亮或熄滅LED燈
- 具備燈光強弱調節功能
- 採用進口高亮LED燈，護眼無閃頻，使用壽命長
- 產品內置高容量可充電電池，節能，方便，安全
- 使用USB電源線充電

Accessories

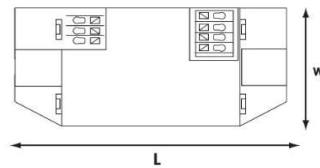


The background is a solid red color. A large, white, abstract shape, resembling a stylized 'L' or a corner, is positioned in the bottom right corner. The shape is composed of two main parts: a vertical rectangle on the right and a horizontal rectangle on the bottom, meeting at a sharp corner. The text is centered in the upper half of the red area.

TRADITIONAL BALLAST

For Multi-wattage Compact fluorescent lamp

適用於多款緊湊型熒光燈 (1x21W)



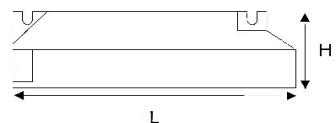
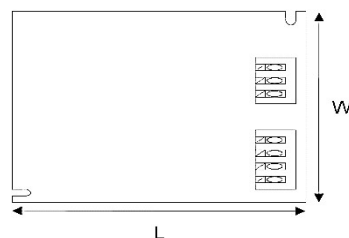
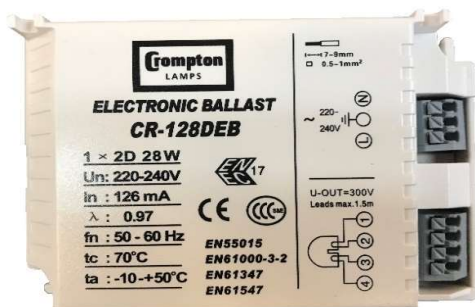
Model	Suitable for Lamps Type	Min - Max Voltage	Frer. (Hz)	Amp (A)	Length (L)	Width (W)	Height (H)
CR-121EB	G5: 6W/8W/13W/14W/21Wx1	220-240V	50/60Hz	0.104	81mm	40mm	22mm
	2G7: 7W/9W/11W						
	G24q: 10W/13W/18W						
	GR10q: 10W/16W/21W						

- Wide range of uses for several wattage / kinds lamp type
- Shutdown in response to lamps failure or end of lamp life
- Automatic restart after lamp replacement
- Safety acc. to EN61347-1, EN61347-2-3

- 用途廣泛，適用於多種瓦數/多種類型燈款
- 當燈泡損壞或壽命完結時自動關掉
- 更換新燈泡後自動重開
- 安全標準符合 EN61347-1, EN61347-2-3

For 2D Compact Fluorescent lamp

適用2D緊湊型熒光燈 (1x21W, 28W 蝴蝶管)



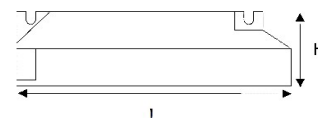
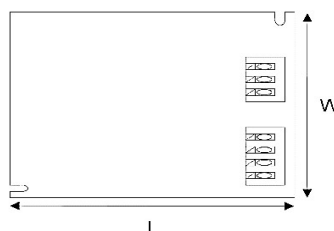
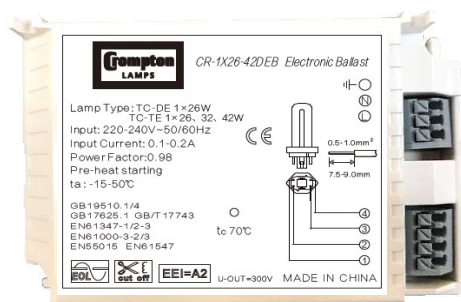
Model	Suitable for Lamps Type	Min - Max Voltage	Frer. (Hz)	Amp (A)	Length (L)	Width (W)	Height (H)
CR-128DEB	2D 28W CFL	198-253V	50/60Hz	0.124	103mm	67mm	30mm
CR-138DEB	2D 38W CFL	198-253V	50/60Hz	0.169	103mm	67mm	30mm

- Shutdown in response to lamps failure or end of lamp life
- Automatic restart after lamp replacement
- Safety acc. to EN61000-3-2, EN61347, EN61547, EN55015

- 當燈泡損壞或壽命完結時自動關掉
- 更換新燈泡後自動重開
- 安全標準符合 EN61000-2-3, EN61347, EN61547, EN55015

For Multi-wattage Compact fluorescent lamp

適用於多款緊湊型熒光燈 (1x26, 32W, 42W)



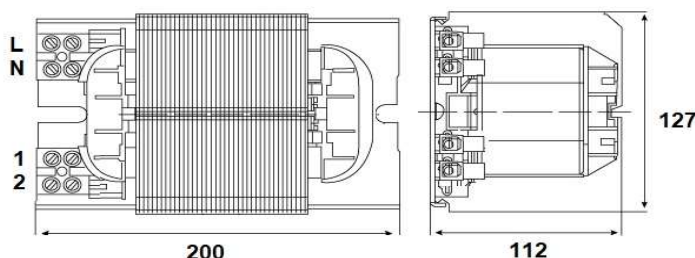
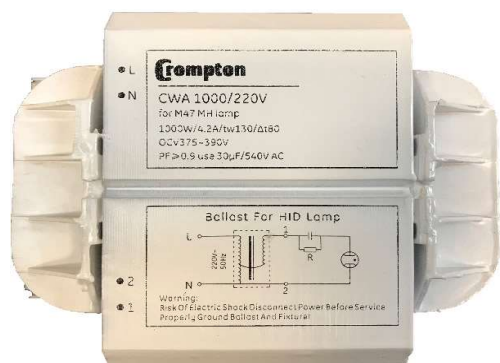
Model	Suitable for Lamps Type	Min - Max Voltage	Frer. (Hz)	Amp (A)	Length (L)	Width (W)	Height (H)
CR-1X26-42DEB	GX24q3: 26W GX24q3: 32W GX24q4: 42W	220-240V	50/60Hz	0.1-0.2A	103mm	67mm	30mm

- Wide range of uses for several wattage / kinds lamp type
- Shutdown in response to lamps failure or end of lamp life
- Automatic restart after lamp replacement
- Safety acc. to EN61347-1, EN61347-2-3

- 用途廣泛，適用於多種瓦數/多種類型燈款
- 當燈泡損壞或壽命完結時自動關掉
- 更換新燈泡後自動重開
- 安全標準符合 EN61347-1, EN61347-2-3

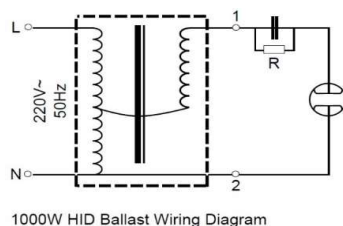
Magnetic Ballast for 1000W American standard metal halide lamp

1000W 美式金鹵燈電感鎮流器



Model	Suitable for Lamps Type	Voltage (V)	Frer. (Hz)	Power (W)	Lambda (λ)
CWA1000W/220V	1000W American standard Metal Halide Lamp	220-240V	50/60Hz	1080	≥ 0.9

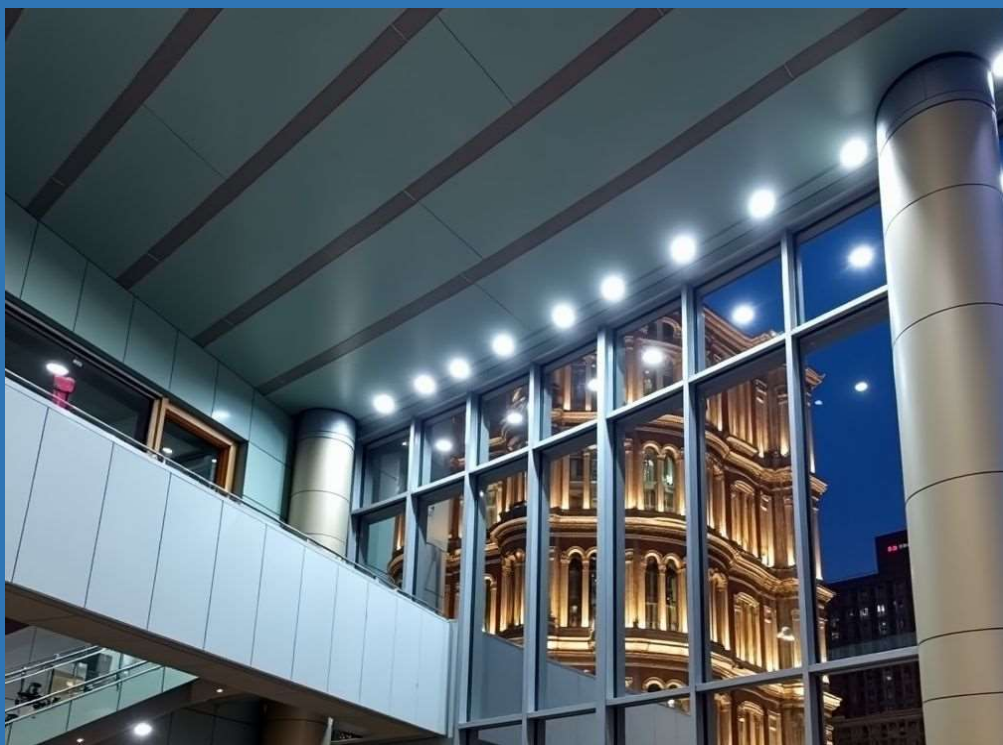
- Supply Voltage 220-240V
- Main frequency: 50/60Hz
- Use with 30uF capacitor
- Weight : 11.5kg
- Length (L) : 200mm
- Width (W) : 127mm
- Height (H) : 112mm



- 電源電壓: 220-240V
- 頻率: 50/60Hz
- 重量: 11.5kg
- 長度: 200mm
- 闊度: 127mm
- 高度: 112mm

- 配合30uF電容使用
- 540V Capacitor for US ballast





英國名牌 百年歷史

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