PIRAYA

Piraya Technology Co.,Ltd

About Piraya

關于沛瑞霖

　　發光二極體(Light Emitting Diode，簡稱LED)屬半導體元件之一種，具有體積小、壽命長、耗電量小等特性，隨著數位及環保時代的來臨，LED應用於全彩手機、LCD顯示器背光源市場及未來白光LED照明市場之成長潛力龐大，目前LED是臺灣光電產業中最具競爭力的產品之一。

　　有鑑於此，沛瑞霖有限公司於2008年開始研發生産照明相關產品，包括LED球泡燈、LED燈管、LED燈組、大面積照明以及特殊照明等。本公司產品具備體積小、耗電量低、壽命長等優點。本公司自成立以來，即致力於產品研與客户服務，不斷引進新設備、新技術、以提升產品品質及穩定性。提供客户完整且滿意的服務是本公司的服務宗旨。

　　本公司於臺灣，中國與新加坡均設有專業的服務團隊，從勘查，設計規劃到安裝，售后，均有專人服務，並提供大型企業分期付款專案，讓客户可無負擔的達成節能環保目標，與我們為環境共盡心力。

This is a new light source consumes less electrical power with same brightness and environmental illuminations.

Since 2008 Piraya endeavored to explore innovative LED portfolio and producing a whole new class of LED lighting ensuring our product range offering effective lighting solutions to achieve environmental sustainability with lower energy consumption and carbon emission so as to meet our client expectation.

Piraya LEDs are now ready for broad deployment across general lighting applications for almost all purposed lighting conditions，including residential，parking spaces，streetlights and other indoor and outdoor installations.

We offer quality LED lighting features with unique，robust and state-of-art design. We provide services and solutions to users need by our experienced team in Taiwan，Singapore and China.

8 Reasons Using Piraya LED

選擇Piraya LED燈具的8個理由

1

安全環保：新型綠色環保光源：光譜中没有紫外綫和紅外綫，没有熱量，也没有輻射，眩光小，廢弃物可回收，没有污染不含汞元素，冷光源，可以安全觸摸，屬于典型的綠色照明光源。整支燈具均采用RoHS規範的材料，所有電器特性均符合CE安規要求。

Safety and environmental friendly: green lighting, no UV light, IR radiations, free of heat and flicker. Material used pass RoHS and CE specifications.

3

舒適健康：特殊光學設計，出光效率高，并可精準控制發光角度，防炫光無鬼影。

Comfortable and healthy: special optical design free off flicker and flare.

2

安裝簡便：使用傳統燈具脚座，所有類型LED燈具，都可直接替換傳統燈具。

Simple installation and use: Priaya LED can fit existing features and connectors.

4

高效節能：相較于傳統燈具，節電率一般超過50%，整組燈具光效超越110lm/w,LED元件發光效率＞130lm/w，真正達到節能減碳效益。

Energy saving: energy saving is over 50%. The feature has high illuminating efficiency over 110lm/w. LUMINOUS EFFICIENCY is higher than 130lm/w.

7

維護成本低：因爲大幅度降低電費，同時由于使用壽命長，所以維護和更換燈具的費用低，整體使用後比傳統燈具便宜。

Low maintenance cost: energy cost saving and longer life time cycle results in the significant low cost than the others lighting features.

6

客制服務：亮度，照射角度，光學設計均可依實際需要做調整，制造最適合用户的産品。

Customize services: we design for customer in needs of color, brightness angle by our optical design

8

針對特殊情況，沛瑞霖可提供ESCO分期方案，簡化投資回收考慮。
Able to provide ESCO to ease client's initial investment cost.

5

穩定耐用：所有關鍵組件材料都采用國際知名大廠，規格高，穩定性好。并有特殊設計有效控制散熱，大幅提高元件壽命，可使用超過40,000工作小時。三年光衰小于30%

High quality and best design of heat control: the LED life time is over 40,000 working hours and luminous decay is less than 30% in 3 years.

PIRAYA

Piraya Technology Co.,Ltd

工業照明　Industrial Lighting

- 防塵天井燈　　　　　High-bay light (dust-proof)
- 天井燈　　　　　　　High-bay light
- 長臂天井燈　　　　　Long bay light
- 一體式天井燈　　　　Integrated High-bay light
- 車庫燈　　　　　　　Garage light
- 超高效燈管　　　　　Ultra efficiency LED tube
- 高效外置電源燈管　　High efficiency LED tube (external driver)
- 黃光燈管　　　　　　Yellow light LED tube
- 工作燈　　　　　　　Work light

PARAYA

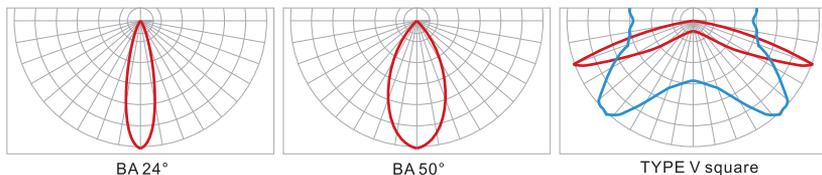# 防塵天井燈 *High-bay light (dust-proof)*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP67防護等級
- 採用Cree/Philips LED 芯片，高光效產品
- 具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 防塵殼設計，適用於灰塵較多的環境

- Modular light fixture, flexible design
- Entire fixture rated IP67 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
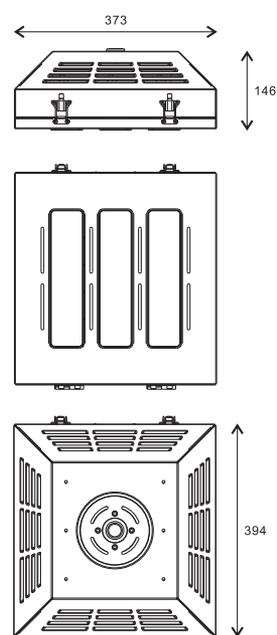- Dustproof shell, applicable to dusty environment

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演 色 性 Color rendering index
P-SF/60YB	ND/CD	394X373X146	5.4	60	90-305	6240	104	4000, 5000	＞75
P-SF/90YBE	NE/CE	394X373X146	5.4	90	90-305	9360	104	4000, 5000	＞75
P-SF/90YBD	ND/CD	394X373X146	6.8	90	90-305	9360	104	4000, 5000	＞75
P-SF/135YB	NE/CE	394X373X146	6.8	135	90-305	14040	104	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 24°

BA 50°

TYPE V square

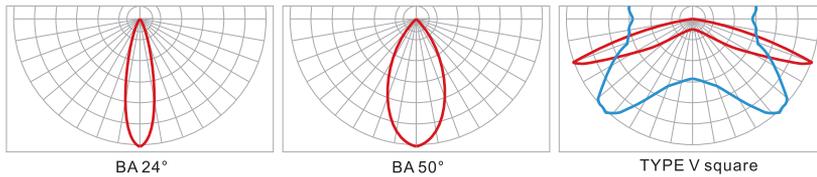## 尺寸圖 Dimension (mm)

373

146

394

天井燈 *High-bay light*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP67防護等級
- 採用Cree/Philips LED 芯片，高光效產品
- 採用Meanwell/Philips IP67 電源
- 多種光學角度供選擇，適用於各種環境照明
- 提供超大功率燈具，適用於運動場或大型重工業廠房

- Modular light fixture, flexible design
- Entire fixture rated IP67 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP67 power supply
- Different variety of optical angle, applicable to different lighting ambience
- Provide super high power light, applicable to playground and heavy manufacturing factory
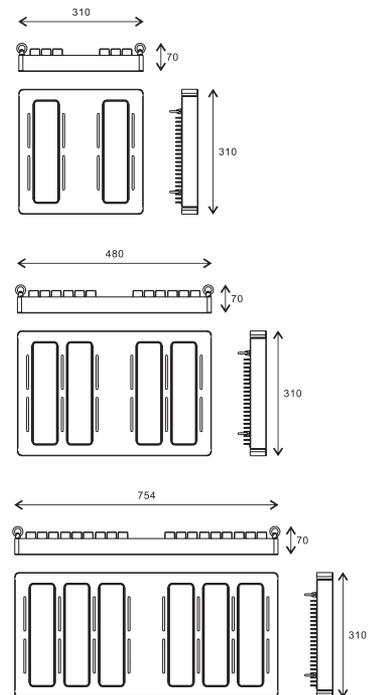
產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演 色 性 Color rendering index
P-SF/90YH	NE/CE	310X310X70	4.9	90	90-305	9360	104	4000, 5000	＞75
P-SF/180YH	NE/CE	480X310X70	7.3	180	90-305	18720	104	4000, 5000	＞75
P-SF/270YH	NE/CE	754X310X70	11.9	270	90-305	28080	104	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 24°

BA 50°

TYPE V square

尺寸圖 Dimension (mm)

310
70
310

480
70
310

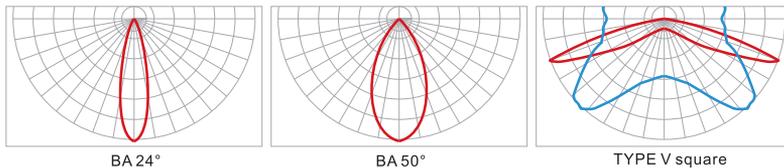754
70
310

長臂天井燈 *Long bay light*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP67防護等級
- 採用Cree/Philips LED 芯片，高光效產品
- 採用Meanwell/Philips IP67 電源
- 具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 長臂設計，安裝更具彈性

- Modular light fixture, flexible design
- Entire fixture rated IP67 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP67 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- High-front design, easy to install

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演色性 Color rendering index
P-SF/90YL	NE/CE	996X132X77	4.9	90	90-305	9360	104	4000, 5000	＞75
P-SF/135YL	NE/CE	996X132X77	6	135	90-305	14040	104	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 24°

BA 50°

TYPE V square

尺寸圖 Dimension (mm)

996

996

132

117

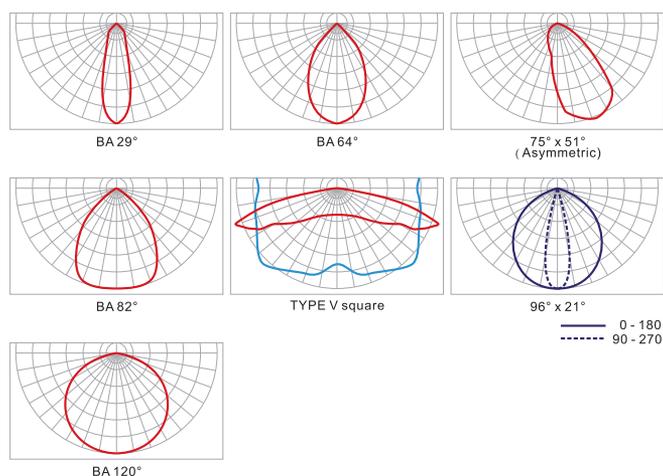132

77
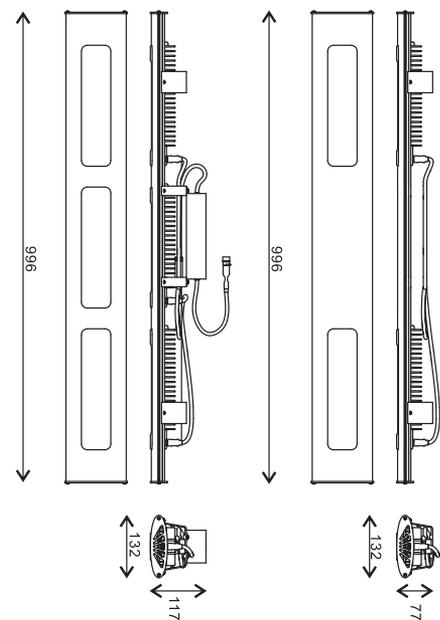
一體式天井燈 *Integrated High-bay light*

產品特色 Product Features

- 採用Cree/Philips LED 芯片，高光效產品
- 採用Meanwell/Philips 電源
- 具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 一體式設計，美觀耐用
- 超大功率，可應用於機場，美術館等間接照明

- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- One-piece design, both artistic and durable
- Super high power, can be used as indirect lighting at airport and art gallery
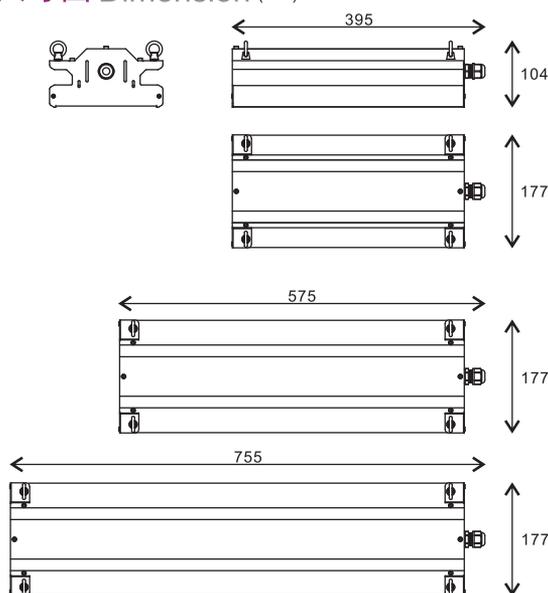
產品規格 Product Specification

型號 Model	LED數量 LED Quantity	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演色性 Color rendering index
P-SF/70YE	8	395X177X104	3.7	70	108-305	8190	117	5000	＞75
P-SF/106YE	8	395X177X104	3.7	106	108-305	11554	109	5000	＞75
P-SF/105YE	12	575X177X104	5.3	105	108-305	12285	117	5000	＞75
P-SF/159YE	12	575X177X104	5.3	159	108-305	17331	109	5000	＞75
P-SF/140YE	16	575X177X104	5.3	140	108-305	16380	117	5000	＞75
P-SF/210YE	24	755X177X104	7.2	210	108-305	24570	117	5000	＞75
P-SF/318YE	24	755X177X104	7.2	318	108-305	34662	109	5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 29°

BA 64°

75° x 51°
(Asymmetric)

BA 82°

TYPE V square

96° x 21°
0 - 180
90 - 270

BA 120°

尺寸圖 Dimension (mm)

395
104
177

575
177

755
177

車庫燈 *Garage light*

產品特色 Product Features

- 整燈具IP65防護等級
- 採用Cree/Philips LED 芯片，高光效產品
- 採用Meanwell/Philips IP65 電源
- 具防雷擊功能 10KV/10KA
- 全擴散設計，適用於低天花場所，如停車場等

- Entire fixture rated IP65 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP65 power supply
- Anti- lightning feature 10KV/10KA
- All-diffused design, can be used at low ceiling location, eg:car park.

產品規格 Product Specification

型號 Model	封裝方式 Package Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色 溫(°K) Color temperature	演 色 性 Color rendering index
P-SF/42YE	SMD	Φ383X290	4.9	42	108-305	3780	90	4000, 5000	＞75
P-SF/43YE	COB	Φ383X290	4.9	43	108-305	4085	95	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

YG1

YG2

尺寸圖 Dimension (mm)

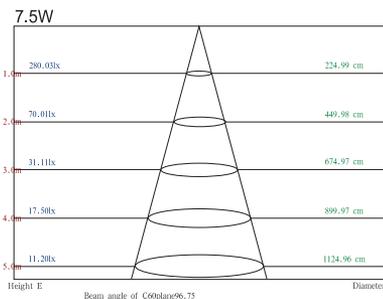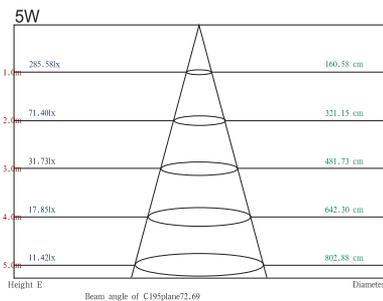383

291
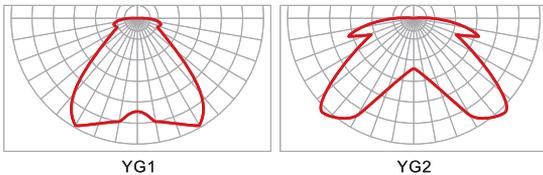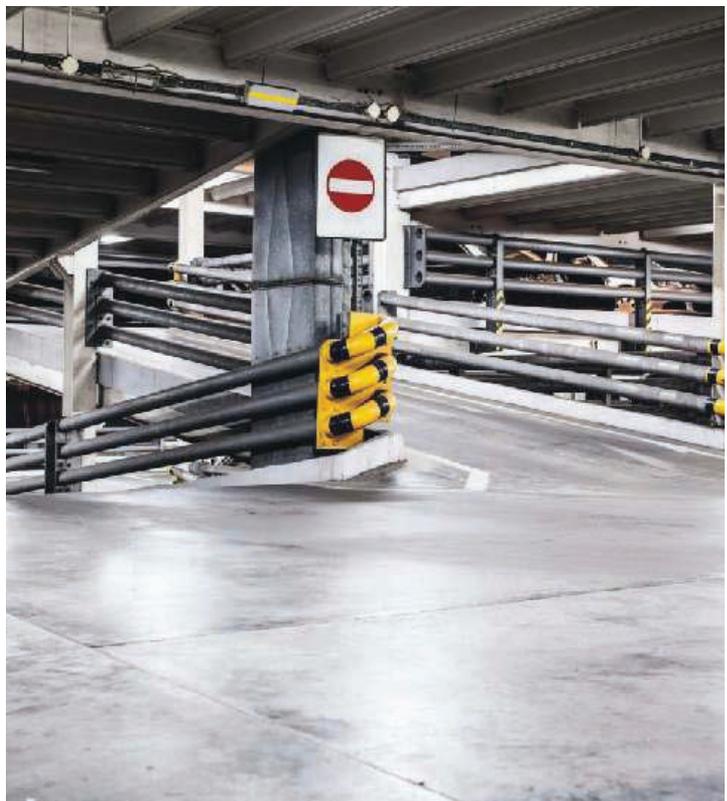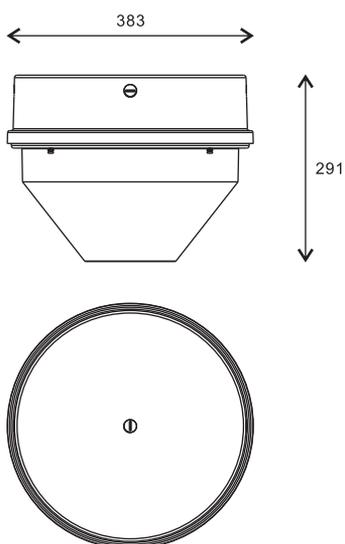
超高效燈管 *Ultra efficiency LED tube*

產品特色 Product Features

- 超高光效，極致節能
- 特殊光學設計，螺旋光型，不炫光
- 多種發光角度供選擇，可用於高天花板環境
- 平均每英呎72顆高效芯片，負載低，效率高，壽命長
- 驅動設計精良，低諧波，超高轉換效率
- 燈體溫度低，有效降低空調負載
- 適用於三防燈具等無空氣流通的環境

- Super high efficient, super energy saving.
- Special optical design, spiral light, no glaring
- Various Angle selection to suite high ceiling requirement
- 72 high efficiency chips per feet, low loading, high efficiency, long life span
- Drive program well designed, low harmonic,super high coversion efficiency
- Low working temperature, reduce air condition load
- Applicable to use in Weather Proof Casing

產品規格 Product Specification

型號 Model	外觀尺寸(mm) Dimension	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色 溫(°K) Color temperature			演色性 Color rendering index
P10-SF6A	T10 588mm (2')	6	100-240	780	130	3000,	5000,	6500	＞80
P10-SF8A	T10 588mm (2')	8	100-240	1040	130	3000,	5000,	6500	＞80
P10-SF12A	T10 1198mm (4')	12	100-240	1560	130	3000,	5000,	6500	＞80
P10-SF14A	T10 1198mm (4')	14	100-240	1820	130	3000,	5000,	6500	＞80
P10-SF16A	T10 1198mm (4')	16	100-240	2080	130	3000,	5000,	6500	＞80
P10-SF20A	T10 1198mm (4')	20	100-240	2600	130	3000,	5000,	6500	＞80
P10-SF22A	T10 1498mm (5')	22	100-240	2860	130	3000,	5000,	6500	＞80

照度圖 Luminous Intensity Distribution Curve

5W

285.58lx	160.58 cm
71.40lx	321.15 cm
31.73lx	481.73 cm
17.85lx	642.30 cm
11.42lx	802.88 cm

Height E　　　　Diameter
Beam angle of C195plane72.69

7.5W

280.03lx	224.99 cm
70.01lx	449.98 cm
31.11lx	674.97 cm
17.50lx	899.97 cm
11.20lx	1124.96 cm

Height E　　　　Diameter
Beam angle of C60plane96.75

高效外置電源燈管 *High efficiency LED tube (external driver)*

產品特色 Product Features

- 外置隔離式電源設計，適合24小時使用，經久耐用
- 高演色性，工作環境更舒適
- 超低諧波，不污染電網
- 多芯片設計，負載低，效率高，壽命長
- 提供大功率設計，應用層面更廣泛
- 三年保修，使用更安心

- External isolated power design, 24 hours working, durable
- High color rendering, comfortable working environment
- Super low harmonic, no pollution to electric network
- Multiple chip design, low load, high efficiency, long life span
- High efficiency design, can be used widely
- 3 years guarantee

產品規格 Product Specification

型　號 Model	外觀尺寸(mm) Dimension	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature			演色性 Color rendering index
P8-SF8BP	T8 588mm (2')	8	90-265	880	110	3000,	5000,	6500	>82
P8-SF9BG	T8 588mm (2')	9	90-265	990	110	3000,	5000,	6500	>82
P8-SF10B	T8 588mm (2')	10	90-265	1050	105	3000,	5000,	6500	>82
P8-SF15BP	T8 1198mm (4')	15	90-265	1650	110	3000,	5000,	6500	>82
P8-SF19BG	T8 1198mm (4')	20	90-265	2200	110	3000,	5000,	6500	>82
P8-SF20B	T8 1198mm (4')	20	90-265	2100	105	3000,	5000,	6500	>82
P8-SF25B	T8 1198mm (4')	24	90-265	2520	105	3000,	5000,	6500	>82
P8-SF18BP	T8 1498mm (5')	18	90-265	1980	110	3000,	5000,	6500	>82
P8-SF24BG	T8 1498mm (5')	24	90-265	2640	110	3000,	5000,	6500	>82
P8-SF28B	T8 1498mm (5')	28	90-265	2940	105	3000,	5000,	6500	>82

P8-SF8BP/P8-SF15BP/P8-SF18BP 專為三防燈設計
P8-SF8BP/P8-SF15BP/P8-SF18BP design for water proof fixture

外置電源 External Power Supply

外置電源採鋁殼設計，增強散熱及防護效果，有效延長使用壽命。

External driver with metal housing, enhanced cooling and protective effect, effectively extending the service life.

黄光燈管 *Yellow light LED tube*

産品特色 Product Features

- 適用于半導體工廠等黃光區，阻隔紫外光，500nm以下，完全切除
- 隔離式電源設計，電信規格佳，超低諧波，不污染電網
- 出光效率高，提高黃光區工作品質
- 可選用內置或外置電源
- 使用陶瓷基板，有效導熱
- 依客戶需求可提高黃漿濃度，適用于機台內部
- 三年保修，使用更安心

- Suitable for semiconductor factory Yellow light Zone, UV Barrier, completely block ultraviolet under 500nm
- Isolated power supply design, Good Telecommunications specification, Ultra low harmonics, do not pollute the power grid
- High light efficiency, improve the quality of the yellow zone
- Internal and external powers are optional
- Ceramic substrate used, conduct heat efficiently
- Customize according to customer request, able to increase the concentration of yellow pulp for internal machines
- 3 years guarantee

産品規格 Product Specification

型　號 Model	外觀尺寸(mm) Dimension	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	波　長(nm) Wavelength
P8-SF8Y	T8 588mm (2')	8	100-240	600	75	＞500
P8-SF16Y	T8 1198mm (4')	16	100-240	1200	75	＞500
P8-SF20Y	T8 1498mm (5')	20	100-240	1500	75	＞500

波長分布圖 Wavelength Distribution

工作燈 *Work light*
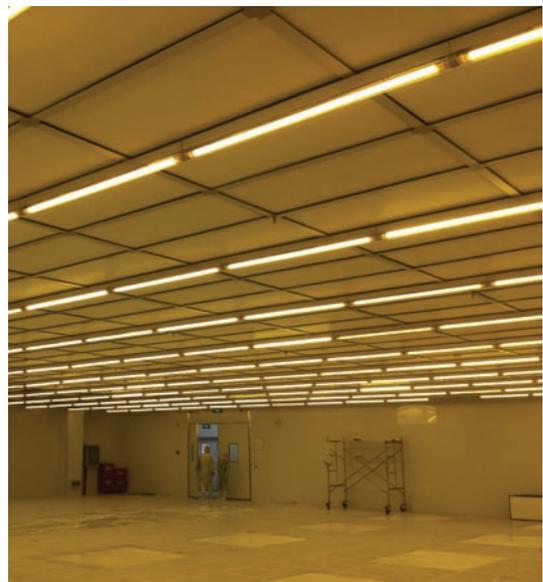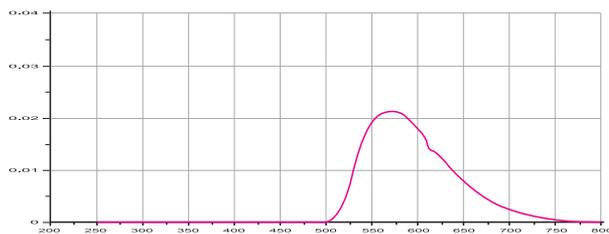
產品特色 Product Features

- 整燈具IP67防護等級
- 全系列採用Cree/Philips LED 芯片，高光效產品
- 全系列採用Meanwell/Philips IP67電源
- 全系列具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 操作溫度-40℃-+50℃，適用于各種惡劣環境
- 多種角度及擺放方式，提高工作效率

- Entire fixture rated IP67 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP67 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- Operational temperature -40℃-+50℃, applicable to use in harsh environment
- Multiple angle and installation method, improve working efficiency

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色溫(°K) Color temperature	演色性 Color rendering index
P-SF30FW	ND/CD	377X113X117	2.8	30	DC 12	3120	104	4000, 5000	＞75
P-SF47FW	NE/CE	377X113X117	2.8	47	DC 12	4888	104	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 24°　　　BA 50°

尺寸圖 Dimension (mm)

377

113

117
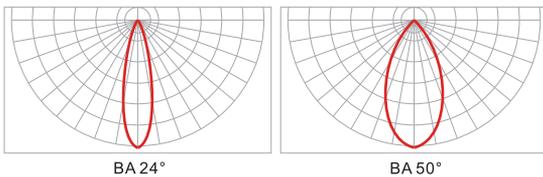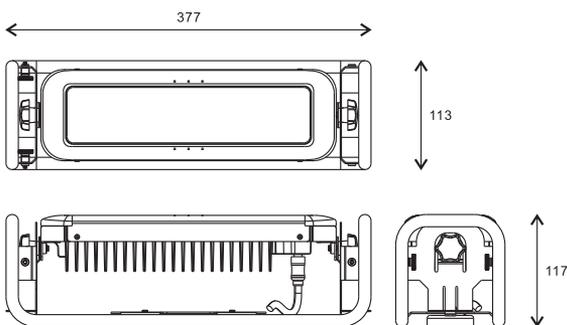
商業照明　　Commercial Lighting

- 標准燈管　　　　　　LED tube
- 平板燈　　　　　　　Panel light
- 桶燈　　　　　　　　Downlight
- MR16　　　　　　　　MR16
- AR111　　　　　　　AR111
- 大功率射燈　　　　　High Power Spot light
- 軌道燈　　　　　　　Track Light
- 燈帶　　　　　　　　LED strip

標准燈管 *LED tube*

產品特色 Product Features

- 全玻管設計，發光角度大，光線更柔和
- 高演色性，工作環境更舒適
- 多芯片設計，負載低，效率高，壽命長
- 更換成本低，輕鬆做環保
- 二年保修，使用更安心

- Glass tube, wide-angle lighting, softer light
- High color rendering, making working environment more comfortable
- Multiple chip design, low load, high efficiency, long life span
- Low cost to upgrade, easy to save environment
- 2 years guarantee

產品規格 Product Specification

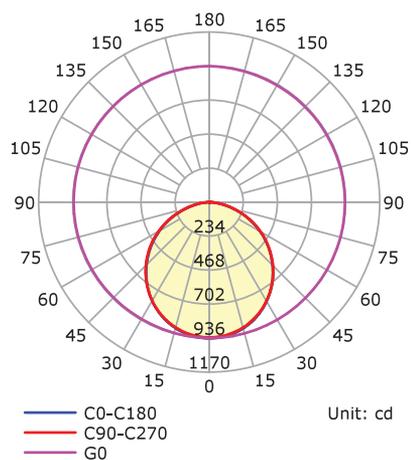| 型 號 Model	外觀尺寸(mm) Dimension	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色 温(°K) Color temperature			演 色 性 Color rendering index
P8-SF8CG	T8 588mm (2')	8	100-240	920	115	3000,	5000,	6500	＞82
P8-SF16CG	T8 1198mm (4')	16	100-240	1840	115	3000,	5000,	6500	＞82
P8-SF20CG	T8 1498mm (5')	20	100-240	2300	115	3000,	5000,	6500	＞82

平板燈 *Panel light*

產品特色 Product Features

- 出光均勻，無光斑
- 不發黃，不漏光
- 高演色性，工作環境更舒適
- 多芯片設計，負載低，效率高，壽命長
- 二年保修，使用更安心

- Light uniformity, no light spot
- no yellowing, no light leakag
- High color rendering, making working environment more comfortable
- Multiple chip design, low load, high efficiency, long life span
- 2 years guarantee

產品規格 Product Specification

型　號 Model	外觀尺寸(mm) Dimension	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　　温(°K) Color temperature			演　色　性 Color rendering index
P8-SF12P/300	296x296	12	100-240	900	75	3000,	5000,	6500	＞82
P8-SF18P/300	296x296	18	100-240	1350	75	3000,	5000,	6500	＞82
P8-SF24P/300-2	296x596	24	100-240	1800	75	3000,	5000,	6500	＞82
P8-SF36P/600	596x596	36	100-240	2700	75	3000,	5000,	6500	＞82
P8-SF45P/600	596x596	45	100-240	3375	75	3000,	5000,	6500	＞82
P8-SF54P/600	596x596	54	100-240	4050	75	3000,	5000,	6500	＞82
P8-SF36P/300-4	296x1196	36	100-240	2700	75	3000,	5000,	6500	＞82
P8-SF45P/300-4	296x1196	45	100-240	3375	75	3000,	5000,	6500	＞82
P8-SF54P/300-4	296x1196	54	100-240	4050	75	3000,	5000,	6500	＞82
P8-SF54P/600-4	596x1196	54	100-240	4050	75	3000,	5000,	6500	＞82
P8-SF65P/600-4	596x1196	65	100-240	4875	75	3000,	5000,	6500	＞82

配光圖 Luminous Intensity Distribution Curve

C0-C180
C90-C270
G0
Unit: cd

234
468
702
936
1170

桶燈 *Downlight*

產品特色 Product Features

- 出光均勻，空間照度佳
- 良好散熱設計，適合長時間使用
- 高演色性，工作環境更舒適
- 多芯片設計，負載低，效率高，壽命長
- 大功率設計，可取代6", 8" 雙插管燈具
- 二年保修，使用更安心

- Uniform light, good space illumination
- Good heat dissipation design, suitable for prolonged use
- High color rendering, making working environment more comfortable
- Multiple chip design, low load, high efficiency, long life span
- High power design, can replace 6",8" double tubes light
- 2 years guarantee

產品規格 Product Specification

型　號 Model	外觀尺寸(mm) Dimension	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature			演色性 Color rendering index
P-SF2/3T	2.5" Φ90xH48	3	100-240	225	75	3000,	5000,	6500	＞82
P-SF3/5T	3" Φ90xH48	5	100-240	375	75	3000,	5000,	6500	＞82
P-SF4/7T	4" Φ110xH48	7	100-240	525	75	3000,	5000,	6500	＞82
P-SF5/10T	5" Φ140xH54	10	100-240	750	75	3000,	5000,	6500	＞82
P-SF6/12T	6" Φ160xH59	12	100-240	900	75	3000,	5000,	6500	＞82
P-SF6/18T	6" Φ160xH59	18	100-240	1350	75	3000,	5000,	6500	＞82
P-SF8/25T	8" Φ190xH60	25	100-240	1875	75	3000,	5000,	6500	＞82
P-SF8/30T	8" Φ190xH60	30	100-240	2250	75	3000,	5000,	6500	＞82
P-SF8/35T	8" Φ190xH60	35	100-240	2625	75	3000,	5000,	6500	＞82

*另有防眩款供選擇 Otherwise anti-glare model can provide the choice

配光圖 Luminous Intensity Distribution Curve
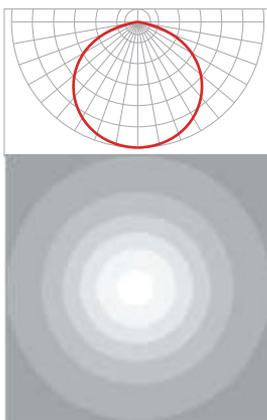
BA 120°

MR16 *MR16*

產品特色 Product Features

- 多種角度供選擇，配合各類照明場合
- 有GU5.3, GU10等各種規格，適用於原燈具
- 高演色性，真正還原商品本色
- 良好的散熱設計，大幅降低維護成本

- Choose from a variety of angles, with all kinds of lighting situations
- According to specification GU5.3, GUI 10 etc… applicable to traditional lamp fixture
- High color rendering, which help product to show in a natual color
- Good heat dissipation design, significantly reduce maintenance costs

產品規格 Product Specification

型　號 Model	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	色　温(°K) Color temperature			演色性 Color rendering index	發光角(°) Bean Angle	調光功能 Dimmable
P-SF4MA	4	12	360-400	3000,	5000,	6500	＞84	20/30/60	Optional
P-SF4MB	4	12	360-400	3000,	5000,	6500	＞84	38	Optional
P-SF6MB	6	12	400-440	3000,	5000,	6500	＞84	38	Optional
P-SF6MA	6	12	560-590	3000,	5000,	6500	＞84	20/30/60	Optional

配光圖 Luminous Intensity Distribution Curve

BA 19°　　　　BA 33°　　　　BA 48°

PIRAYA
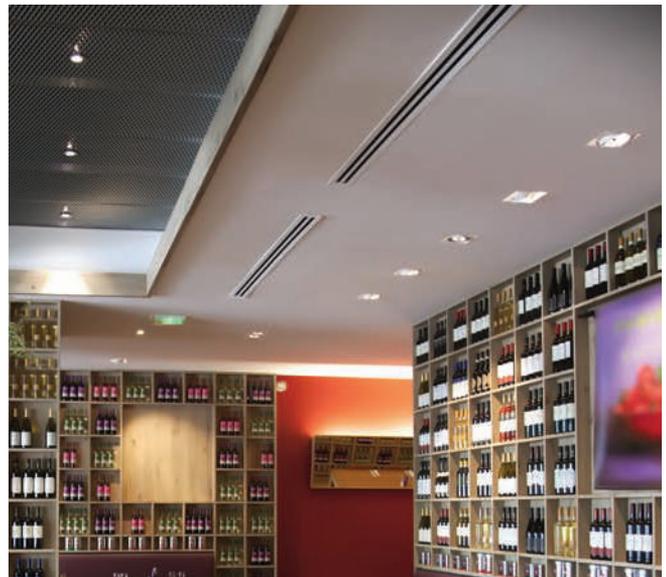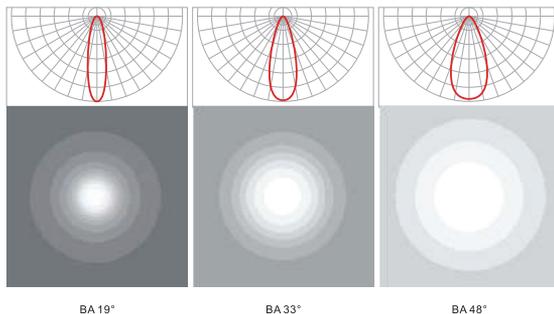
AR111 *AR111*

產品特色 Product Features

- 多種角度供選擇，配合各類照明場合
- 標準尺寸，適用於所有原燈具
- 高演色性，真正還原商品本色
- 良好的散熱設計，大幅降低維護成本

- Different luminous angle to choose from, applicable to different lighting situation
- Standard dimension which is applicable to all the traditional light fixture
- High color rendering, which help product to show in a natual color
- Good heat dissipation design, significantly reduce maintenance costs

產品規格 Product Specification

型　　號 Model	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　　溫(°K) Color temperature		演　色　性 Color rendering index	發光角(°) Bean Angle
P-SF10AR	10	12	800	80	3000,	5600	＞84	40/60
P-SF12AR	12	12	960	80	3000,	5600	＞84	40/60
P-SF15AR	15	12	1200	80	3000,	5600	＞84	40/60

配光圖 Luminous Intensity Distribution Curve

BA 19°　　　　BA 33°　　　　BA 48°
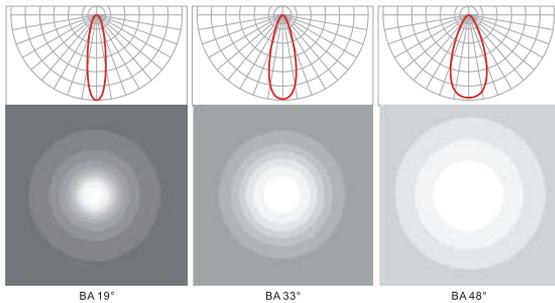
大功率射燈 *High Power Spot light*

產品特色 Product Features

- 整燈具IP65防護等級
- 採用Cree/Philips LED 芯片，高光效產品
- 採用Meanwell/Philips IP67 電源
- 具防雷擊功能 10KV/10KA
- 適用於5-10米以上中庭照明，或戶外洗牆照明

- Entire fixture rated IP65 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP67 power supply
- Anti- lightning feature 10KV/10KA
- Applicable to 5-10 meters courtyard or outdoor wall wash light

產品規格 Product Specification

型號 Model	LED數量 LED Quantity	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演 色 性 Color rendering index
P-SF42FP/A	12	Φ185x85	1	42	108-305	4200	100	4000, 5000	＞75
P-SF55FP/A	6	Φ185x85	1	55	108-305	5995	109	4000, 5000	＞75
P-SF44FP/A	63	Φ185x85	1	44	108-305	4312	98	4000, 5000	＞75
P-SF42FP/B	12	Φ190x277	4.2	42	108-305	3990	95	4000, 5000	＞75
P-SF55FP/B	6	Φ190x277	4.2	55	108-305	5720	104	4000, 5000	＞75
P-SF44FP/B	63	Φ190x277	4.2	44	108-305	4092	93	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 28°　　BA 45°　　BA 120°

BA 25°　　BA 50°

尺寸圖 Dimension (mm)

190

277

85

144

180

PIRAYA
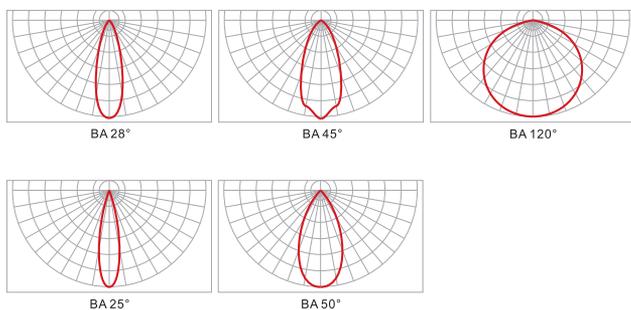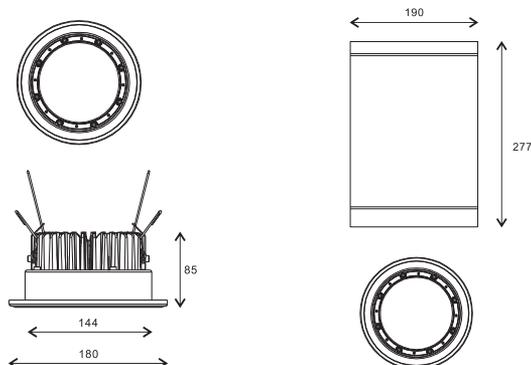
軌道射燈 *Track Light*

產品特色 Product Features

- 多種角度供選擇，配合各類照明場合
- 標準尺寸，適用於所有原燈具
- 高演色性，真正還原商品本色
- 良好的散熱設計，大幅降低維護成本

- Different luminous angle to choose from, applicable to different lighting situation
- Standard dimension which is applicable to all the traditional light fixture
- High color rendering, which help product to show in a natual color
- Good heat dissipation design, significantly reduce maintenance costs
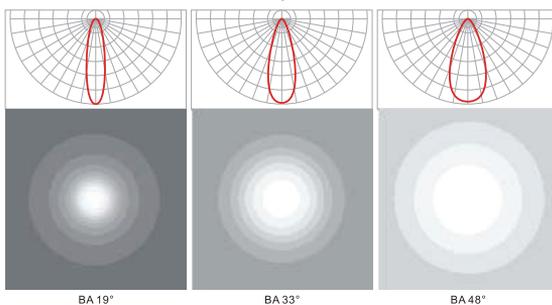
產品規格 Product Specification

一體式射燈　Integrated lamp

型　號 Type	外觀尺寸 Size	消耗功率(W) Power(W)	輸入電壓(V) Input voltage(V)	光通量 Luminous Flux	發光效率 Luminous efficiency	色　溫 Color temperature	演 色 性 Color rendering
P-SF70/4S	85mm*46mm 開孔70mm	4	100-240	320	80	3000,　5000,　6500	＞82
P-SF95/5S	110mm*50mm 開孔95mm	5	100-240	400	80	3000,　5000,　6500	＞82
P-SF95/7S	110mm*50mm 開孔95mm	7	100-240	560	80	3000,　5000,　6500	＞82
P-SF110/12S	138mm*70mm 開孔110mm	12	100-240	960	80	3000,　5000,　6500	＞82

軌道射燈　Track lighting

型　號 Type	外觀尺寸 Size	消耗功率(W) Power(W)	輸入電壓(V) Input voltage(V)	光通量 Luminous Flux	發光效率 Luminous efficiency	色　溫 Color temperature	演 色 性 Color rendering
P-SF70/5G	∅70*120	5	100-240	400	80	3000,　5000,　6500	＞82
P-SF70/7G	∅70*120	7	100-240	560	80	3000,　5000,　6500	＞82
P-SF100/9G	∅100*160	9	100-240	720	80	3000,　5000,　6500	＞82
P-SF100/12G	∅100*160	12	100-240	960	80	3000,　5000,　6500	＞82

配光圖 Luminous Intensity Distribution Curve

BA 19°　　BA 33°　　BA 48°

燈帶 *LED strip*

产品特色 Product Features

- 低压12V/24V输出,安全可靠
- 光输出一致性好
- 进口LED,性能稳定
- 硅胶套管防护,易清洁,光质好,维护成本低
- 显指80,能满足辅助照明和展示照明的应用

- Low 12V/24V output, safe and reliable
- Light output with great consistency
- Imported LED, stable performance
- Sillicon tube protection, easy to clean, good light quality, low maintenance cost
- Color rendering index 80, fulfill the requirements for auxiliary lighting and display lighting

产品规格 Product Specification

颜 色 Color	燈珠數量 Amount of beads	色 溫 Color temperature	流 明 Lumin	尺 寸 Dimension	電 壓 Voltage	功 率 Power	發光角度 Light angle	防水性 Waterproof	包 裝 Packing
紅(Red)	60/m		44-54	500*8*0.22mm	DC12V	4.8w/m	120°	IP20	5米/卷(5m/reel)
黄(Yellow)	60/m		44-54	500*8*0.22mm	DC12V	4.8w/m	120°	IP20	5米/卷(5m/reel)
藍(Blue)	60/m		30-36	500*8*0.22mm	DC12V	4.8w/m	120°	IP20	5米/卷(5m/reel)
绿(Green)	60/m		76-96	500*8*0.22mm	DC12V	4.8w/m	120°	IP20	5米/卷(5m/reel)
白(white)	60/m	6000-7000K	180-220	500*8*0.22mm	DC12V	4.8w/m	120°	IP20	5米/卷(5m/reel)
暖白(Warm white)	60/m	3000-4000K	180-200	500*8*0.22mm	DC12V	4.8w/m	120°	IP20	5米/卷(5m/reel)
RGB	60/m		180-200	500*8*0.22mm	DC12V	4.8w/m	120°	IP20	5米/卷(5m/reel)
紅(Red)	60/m		44-54	500*8*0.22mm	DC12V	4.8w/m	120°	IP65	5米/卷(5m/reel)
黄(Yellow)	60/m		44-54	500*8*0.22mm	DC12V	4.8w/m	120°	IP65	5米/卷(5m/reel)
藍(Blue)	60/m		30-36	500*8*0.22mm	DC12V	4.8w/m	120°	IP65	5米/卷(5m/reel)
绿(Green)	60/m		76-96	500*8*0.22mm	DC12V	4.8w/m	120°	IP65	5米/卷(5m/reel)
白(white)	60/m	6000-7000K	180-220	500*8*0.22mm	DC12V	4.8w/m	120°	IP65	5米/卷(5m/reel)
暖白(Warm white)	60/m	3000-4000K	180-200	500*8*0.22mm	DC12V	4.8w/m	120°	IP65	5米/卷(5m/reel)
RGB	60/m		180-200	500*8*0.22mm	DC12V	4.8w/m	120°	IP65	5米/卷(5m/reel)
紅(Red)	60/m		44-54	500*8*0.22mm	DC12V	4.8w/m	120°	IP67	5米/卷(5m/reel)
黄(Yellow)	60/m		44-54	500*8*0.22mm	DC12V	4.8w/m	120°	IP67	5米/卷(5m/reel)
藍(Blue)	60/m		30-36	500*8*0.22mm	DC12V	4.8w/m	120°	IP67	5米/卷(5m/reel)
绿(Green)	60/m		76-96	500*8*0.22mm	DC12V	4.8w/m	120°	IP67	5米/卷(5m/reel)
白(white)	60/m	6000-7000K	180-220	500*8*0.22mm	DC12V	4.8w/m	120°	IP67	5米/卷(5m/reel)
暖白(Warm white)	60/m	3000-4000K	180-200	500*8*0.22mm	DC12V	4.8w/m	120°	IP67	5米/卷(5m/reel)
RGB	60/m		180-200	500*8*0.22mm	DC12V	4.8w/m	120°	IP67	5米/卷(5m/reel)

燈帶 *LED strip*

顏　色 Color	燈珠數量 Amount of beads	色　溫 Color temperature	流　明 Lumin	尺　寸 Dimension	電　壓 Voltage	功　率 Power	發光角度 Light angle	防水性 Waterproof	包　裝 Packing
紅(Red)	60/m		380-420	500*12*0.22mm	DC12V	14.4w/m	120°	IP20	5米/卷(5m/reel)
黃(Yellow)	60/m		380-420	500*12*0.22mm	DC12V	14.4w/m	120°	IP20	5米/卷(5m/reel)
藍(Blue)	60/m		280-300	500*12*0.22mm	DC12V	14.4w/m	120°	IP20	5米/卷(5m/reel)
綠(Green)	60/m		420-440	500*12*0.22mm	DC12V	14.4w/m	120°	IP20	5米/卷(5m/reel)
白(white)	60/m	6000-7000K	620-640	500*12*0.22mm	DC12V	14.4w/m	120°	IP20	5米/卷(5m/reel)
暖白(Warm white)	60/m	3000-4000K	620-630	500*12*0.22mm	DC12V	14.4w/m	120°	IP20	5米/卷(5m/reel)
RGB	60/m		560-600	500*12*0.22mm	DC12V	14.4w/m	120°	IP20	5米/卷(5m/reel)
紅(Red)	60/m		380-420	500*12*0.22mm	DC12V	14.4w/m	120°	IP65	5米/卷(5m/reel)
黃(Yellow)	60/m		380-420	500*12*0.22mm	DC12V	14.4w/m	120°	IP65	5米/卷(5m/reel)
藍(Blue)	60/m		280-300	500*12*0.22mm	DC12V	14.4w/m	120°	IP65	5米/卷(5m/reel)
綠(Green)	60/m		420-440	500*12*0.22mm	DC12V	14.4w/m	120°	IP65	5米/卷(5m/reel)
白(white)	60/m	6000-7000K	620-640	500*12*0.22mm	DC12V	14.4w/m	120°	IP65	5米/卷(5m/reel)
暖白(Warm white)	60/m	3000-4000K	620-630	500*12*0.22mm	DC12V	14.4w/m	120°	IP65	5米/卷(5m/reel)
RGB	60/m		560-620	500*12*0.22mm	DC12V	14.4w/m	120°	IP65	5米/卷(5m/reel)
紅(Red)	60/m		380-420	500*12*0.22mm	DC12V	14.4w/m	120°	IP67	5米/卷(5m/reel)
黃(Yellow)	60/m		380-420	500*12*0.22mm	DC12V	14.4w/m	120°	IP67	5米/卷(5m/reel)
藍(Blue)	60/m		280-300	500*12*0.22mm	DC12V	14.4w/m	120°	IP67	5米/卷(5m/reel)
綠(Green)	60/m		420-440	500*12*0.22mm	DC12V	14.4w/m	120°	IP67	5米/卷(5m/reel)
白(white)	60/m	6000-7000K	620-640	500*12*0.22mm	DC12V	14.4w/m	120°	IP67	5米/卷(5m/reel)
暖白(Warm white)	60/m	3000-4000K	620-630	500*12*0.22mm	DC12V	14.4w/m	120°	IP67	5米/卷(5m/reel)
RGB	60/m		560-620	500*12*0.22mm	DC12V	14.4w/m	120°	IP67	5米/卷(5m/reel)

戶外照明　Outdoor Lighting

- 模組式路燈　　Streetlights
- 超薄路燈　　　Slim Streetlights
- 街燈　　　　　Garden light
- 太陽能路燈　　Solar LED light
- 投射燈　　　　Flood light
- 聚焦燈　　　　Focus Lamp
- 壁燈　　　　　Wall light
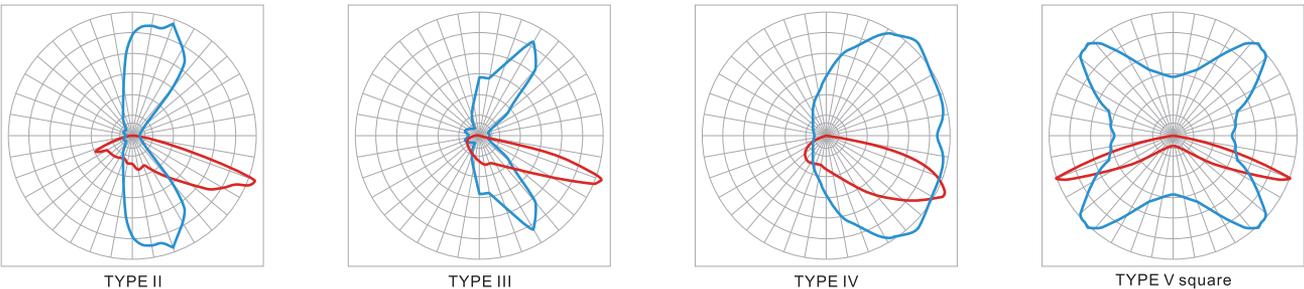
PARAYA

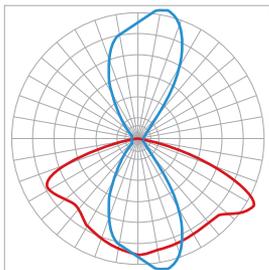# 模組式路燈 *Streetlights*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP65防護等級
- 全系列採用Cree/Philips LED 芯片，高光效產品
- 全系列採用Meanwell/Philips IP65電源
- 全系列具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 操作溫度-40℃-+50℃，適用于各種惡劣環境

- Modular light fixture, flexible design
- Entire fixture rated IP65 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP65 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- Operational temperature -40℃-+50℃, applicable to use in harsh environment

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色 温(°K) Color temperature	演 色 性 Color rendering index
P-SF60SM	ND/CD	496X366X146	8.8	60	108-305	6240	104	4000, 5000	＞75
P-SF90SM	ND/CD	584X366X146	10.6	90	108-305	9360	104	4000, 5000	＞75
P-SF120SM	ND/CD	674X366X146	12.1	120	108-305	12480	104	4000, 5000	＞75
P-SF150SM	ND/CD	764X366X146	13.7	150	108-305	15600	104	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

TYPE II   TYPE III   TYPE IV   TYPE V square

尺寸圖 Dimension (mm)

366   146   494   584   674   764
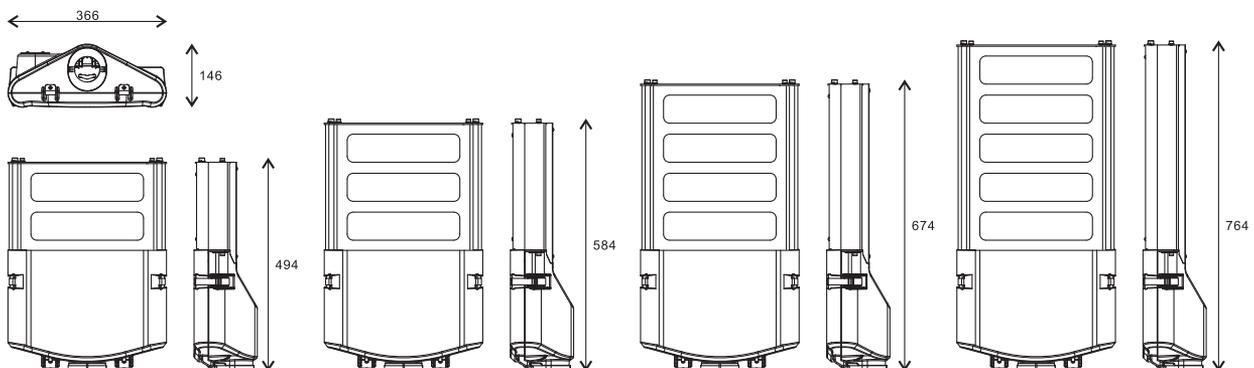
超薄路燈 *Slim Streetlights*

產品特色 Product Features

- 整燈具IP65防護等級
- 全系列採用Meanwell/Philips IP65電源
- 全系列具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 操作溫度-40℃-+50℃，適用于各種惡劣環境
- 輕薄造型，可調角度

- Entire fixture rated IP65 protection
- Using Meanwell/Philips IP65 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- Operational temperature -40℃-+50℃, applicable to use in harsh environment
- Slim design and angle adjustable

產品規格 Product Specification

型號 Model	LED數量 LED Quantity	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演色性 Color rendering index
P-SF28SJ	3	644 x 303 x 132	6	28	108-305	3080	110	4000, 5000	＞75
P-SF54SJ	6	644 x 303 x 132	6	54	108-305	5940	110	4000, 5000	＞75
P-SF80SJ	9	864 x 375 x 174	10.7	80	108-305	8800	110	4000, 5000	＞75
P-SF105SJ	12	864 x 375 x 174	10.7	105	108-305	11550	110	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

TYPE I　　TYPE II　　TYPE III　　TYPE V square

尺寸圖 Dimension (mm)

644 / 864

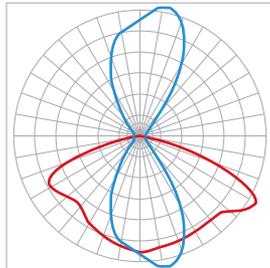303 / 375

132 / 174

197 / 248

街燈 *Garden light*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP67防護等級
- 全系列採用Cree/Philips LED 芯片，高光效產品
- 全系列採用Meanwell/Philips IP67電源
- 全系列具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 操作溫度-40℃-+50℃，適用于各種惡劣環境

- Modular light fixture, flexible design
- Entire fixture rated IP67 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP67 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- Operational temperature -40℃-+50℃, applicable to use in harsh environment
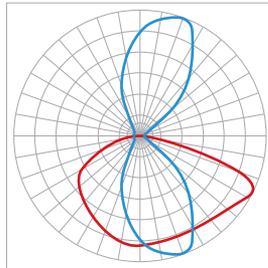
產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演 色 性 Color rendering index
P-SF37SM	ND/CD	660X152X140	5.4	37	108-305	3848	104	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve
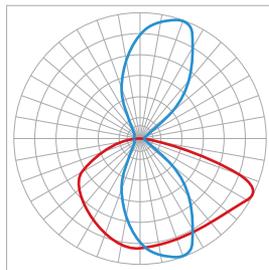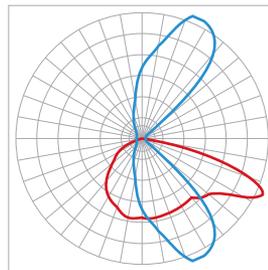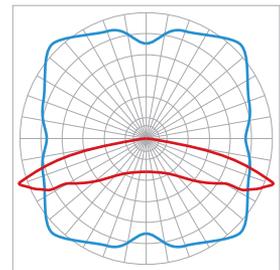
TYPE I

TYPE II

TYPE III

TYPE V square

尺寸圖 Dimension (mm)

660

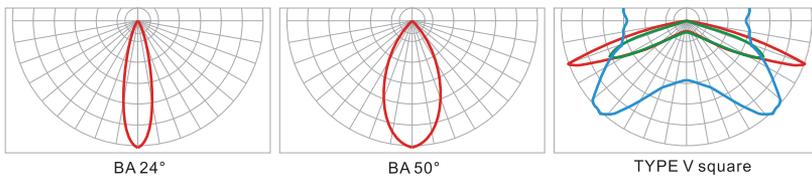140

152
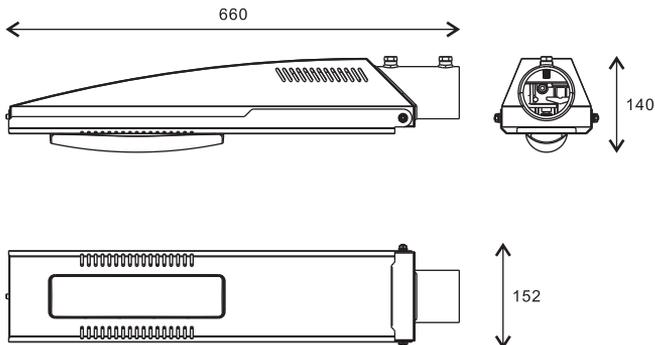
太陽能路燈 *Solar LED light*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP67防護等級
- 全系列採用Cree/Philips LED 芯片，高光效產品
- 全系列採用Meanwell/Philips IP67電源
- 全系列具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 操作溫度-40℃-+50℃，適用于各種惡劣環境
- 具備調光功能

- Modular light fixture, flexible design
- Entire fixture rated IP67 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP67 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
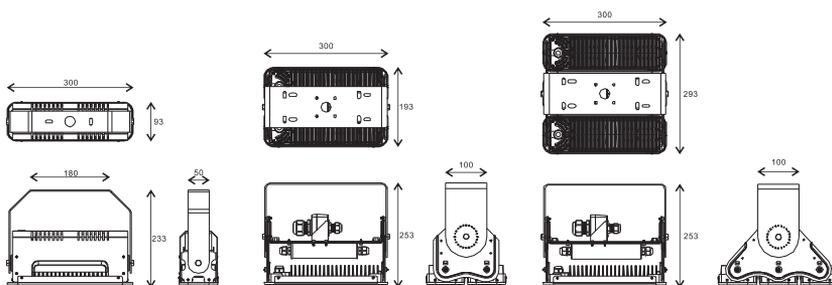- Operational temperature -40℃-+50℃, applicable to use in harsh environment
- With dimming function

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　　温(°K) Color temperature	演 色 性 Color rendering index
P-SF36W	SSND/SSCD	512X120X77	3.4	36	12Vdc(10-28Vdc)	3900	108	4000, 5000	＞75
P-SF72W	SSND/SSCD	512X210X77	6	72	12Vdc(10-28Vdc)	7800	108	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

TYPE I　　　　　　TYPE II　　　　　　TYPE III　　　　　　TYPE V square

尺寸圖 Dimension (mm)

120

102

210

512

投射燈 *Flood light*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP67防護等級
- 全系列採用Cree/Philips LED 芯片，高光效產品
- 全系列採用Meanwell/Philips IP67電源
- 全系列具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 操作溫度-40℃-+50℃，適用于各種惡劣環境

- Modular light fixture, flexible design
- Entire fixture rated IP67 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP67 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- Operational temperature -40℃-+50℃, applicable to use in harsh environment

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色 温(°K) Color temperature	演色性 Color rendering index
P-SF45SM	NE/CE	300X93X233	2.8	45	90-305	4680	104	4000, 5000	＞75
P-SF90SM	NE/CE	300X193X233	4.7	90	90-305	9360	104	4000, 5000	＞75
P-SF135SM	NE/CE	300X293X233	6	135	90-305	14040	104	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 24°   BA 50°   TYPE V square
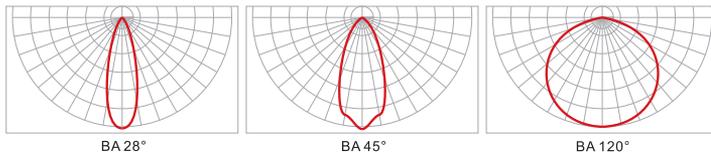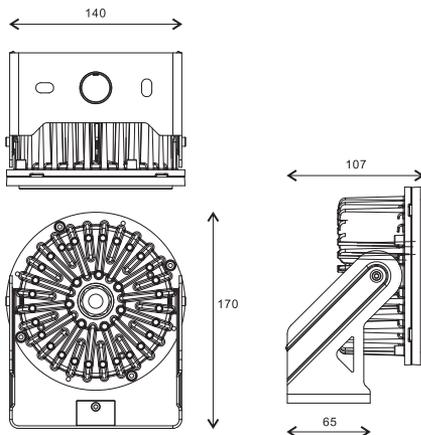
尺寸圖 Dimension (mm)

聚焦燈 *Focus Lamp*

產品特色 Product Features

- 模組化燈具，設計彈性高
- 整燈具IP67防護等級
- 全系列採用Meanwell/Philips IP67電源
- 全系列具防雷擊功能 10KV/10KA
- 多種光學角度供選擇，適用於各種環境照明
- 操作溫度-40℃-+50℃，適用于各種惡劣環境
- 體積小巧，美觀，方便安裝

- Modular light fixture, flexible design
- Entire fixture rated IP67 protection
- Using Meanwell/Philips IP67 power supply
- Anti- lightning feature 10KV/10KA
- Different variety of optical angle, applicable to different lighting ambience
- Operational temperature -40℃-+50℃, applicable to use in harsh environment
- Compact, attractive, easy to install

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色　溫(°K) Color temperature	演色性 Color rendering index
P-SF42SM	NE/CE	140X107X170	1.5	42	90-305	4200	100	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

BA 28°   BA 45°   BA 120°

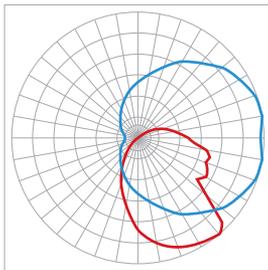## 尺寸圖 Dimension (mm)

140

107

170

65

壁燈 *Wall light*

產品特色 Product Features

- 整燈具IP65防護等級
- 全系列採用Cree/Philips LED 芯片，高光效產品
- 全系列採用Meanwell/Philips IP65電源
- 全系列具防雷擊功能 10KV/10KA
- 防鏽外殼，經久耐用
- 操作溫度-40℃-+50℃，適用于各種惡劣環境
- 模組設計，方便維護

- Entire fixture rated IP65 protection
- Using Cree/Philips LED chips, high luminous efficiency product
- Using Meanwell/Philips IP65 power supply
- Anti- lightning feature 10KV/10KA
- Rust prevention outershell, durable
- Operational temperature -40℃-+50℃, applicable to use in harsh environment
- Modular design, easy to maintenance

產品規格 Product Specification

型號 Model	模組類型 Module Type	外觀尺寸(mm) Dimension	重量(Kg) Weight	消耗功率(W) Power Consumption	輸入電壓(V) Input voltage(V)	光通量(Lm) Luminous Flux	發光效率(Lm/w) Luminous efficiency	色 溫(°K) Color temperature	演 色 性 Color rendering index
P-SF35FP	ND/CD	359X184X229	5.3	35	108-305	3150	90	4000, 5000	＞75

配光圖 Luminous Intensity Distribution Curve

尺寸圖 Dimension (mm)

359

184

229
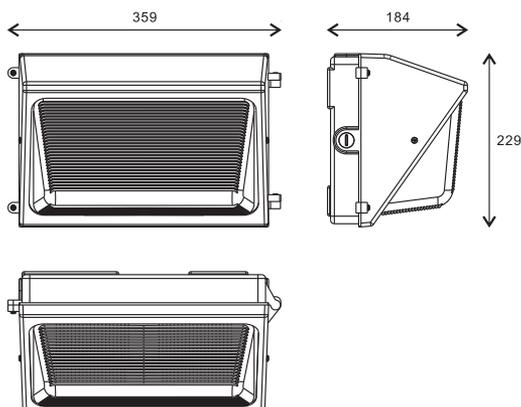
1. 燈具參數調整：功率，光學等參數依客戶需求做調整

　　LED光源為一種面光源，因此透過功率調整與光學設計，可充分提高光的使用率，既節能，亦能創造更舒適的工作環境。 但在更改各類參數的同時，尚需考量散熱與光效的穩定，PIRAYA 憑藉多年的經驗，調整後仍保有穩定的質量與效率。

2. 燈具改造： 保留舊有燈具，將光源改造為LED

　　許多公共工程為考量外觀與維護的一致與便利性，通常捨棄LED而沿用高耗能的傳統燈源。有鑑於此，PIRAYA 提供舊有燈具改造服務，讓舊燈具也可節能做環保。並備有多種IP65以上防護等級之光源模組，適用於各類室內或戶外場所。

3. 照明設計：依客戶現場照明需求，量身訂製

　　LED 體積小，光效高，因此在應用上可以有更多的變化。PIRAYA 備有多樣的模組供客戶選用。

1、Light parameter adjustment: Parameter adjustment according to customer requirement, eg: power, optics.

LED light is one kind of surface light source, can improve light efficiency as much as possible through power adjustment and optics design, this is called energy saving and creates more comfortable working environment.But during the parameters adjustment, also need to consider the stability of radiating and light efficiency. With years of experience, Piraya can provide stable quality and efficiency after adjustment.

2、Lamps transform: Save the old lamp, and change the light to LED.

A lot of public works abandon LED and stick to high energy cost traditional light because of apparent consistency and maintenance convenience.Piraya provide old lamp transform service to make the old lamp energy saving. We have Various IP65 and above grade of lights which are suitable for indoor and outdoor location.

3、Light design: tailor made according to customer requirement.

LED have a small volume and high light efficiency which can be used for different lighting design suitable for different environment.PIRAYA is equipped with different lighting design modules for customers to choose from.
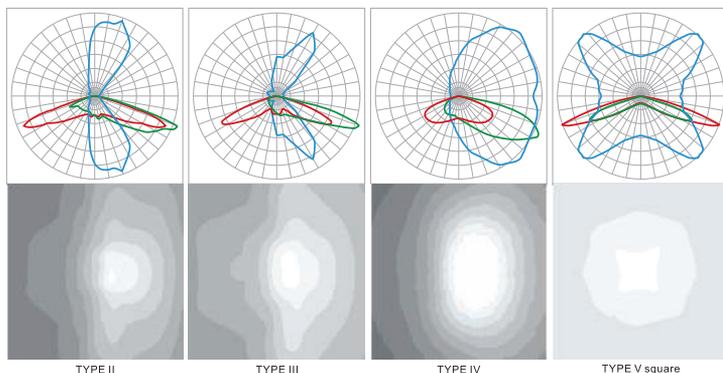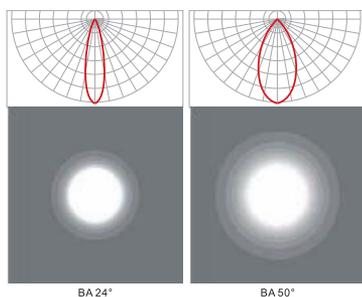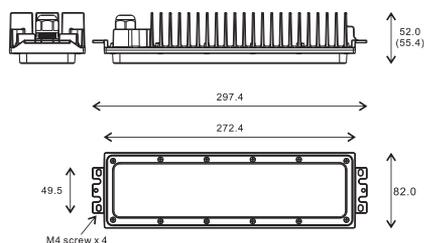
LED Light Module

Specification

Model name	LR1											
LED quantity	14											
LED brand	CREE / Philips Lumileds											
Input voltage/current	12 Vdc (10~28 Vdc)				24 Vdc				700 mA		1,050 mA	
Color temperature	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
Color rendering index	70	70	70	70	70	70	70	70	70	70	70	70
Luminous flux (lm)	3,100	3,200	4,500	4,700	3,100	3,200	4,500	4,700	3,300	3,400	4,600	4,800
Power consumption (W)	30	30	47	47	27	27	41	41	27	27	42	42
Luminaire efficacy (lm/W)	103	107	96	100	115	119	110	115	122	126	110	114
Operating temperature (°C)	-40 ~ +60		-40 ~ +50		-40 ~ +60		-40 ~ +50		-40 ~ +60		-40 ~ +50	
Optics	BA 24° / BA 50° / TYPE II / TYPE III / TYPE IV / TYPE V square											
Dimensions (mm)	297.4 x 82.0 x 52.0(55.4)											
Weight (kg)	1.1											
Ingress protection	IP67											
Support dimming	Optional (1~10V)											

(1)Luminous flux measurement is initial at 25°C.   (2)Luminous flux and power consumption measurement allowance is ±10%.   (3)CRI allowance is ±5.   (4)Other color temperature is available.
(5)Variety optics combination is available.   (6)Certifications are not cover all the configuration, please contact our representative for details.

Photometry (Maximum candlepower trace)

BA 24°

BA 50°

TYPE II

TYPE III

TYPE IV

TYPE V square

Dimensions (mm)

52.0
(55.4)

297.4

272.4

49.5

82.0

M4 screw x 4

LED Light Module

CE

Specification

Model name	LM1							
LED quantity	4							
LED brand	CREE / Philips Lumileds							
Input voltage/current	12 Vdc (10~28 Vdc)		48 Vdc		700 mA		1,050 mA	
Color temperature	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
Color rendering index	70	70	70	70	70	70	70	70
Luminous flux (lm)	3,700	3,900	3,700	3,900	3,800	4,100	5,400	5,800
Power consumption (W)	36	36	32	32	32	32	48	48
Luminaire efficacy (lm/W)	103	108	116	122	119	128	113	121
Operating temperature (°C)	-40 ~ +60		-40 ~ +60		-40 ~ +60		-40 ~ +50	
Optics	BA 29° / BA 64° / BA 82° / BA 120°/ 96°x21° / 75°x51° / TYPE I / TYPE II / TYPE III / TYPE V square							
Dimensions (mm)	297.4 x 82.0 x 77.0							
Weight (kg)	1.1							
Ingress protection	IP67							
Support dimming	Optional (1~10V)							

(1)Luminous flux measurement is initial at 25°C.   (2)Luminous flux and power consumption measurement allowance is ±10%.   (3)CRI allowance is ±5.   (4)Other color temperature is available.
(5)Variety optics combination is available.   (6)Certifications are not cover all the configuration, please contact our representative for details.

Photometry (Maximum candlepower trace)

0 - 180
90 - 270

BA 29°

BA 64°

BA 82°

BA 120°

96° x 21°

75° x 51°
(Asymmetric)

TYPE I

TYPE II

TYPE III

TYPE V square

Dimensions (mm)

77.0

297.4

272.4

49.5

82.0

M4 screw x 4

LED Bitmap Module

Specification

CE

Model name	LB1			
LED quantity	16			
LED brand	CREE / Philips Lumileds			
Input voltage/current	700 mA		1,050 mA	
Color temperature	4000K	5000K	4000K	5000K
Color rendering index	70	70	70	70
Luminous flux (lm)	3,800	3,900	5,300	5,500
Power consumption (W)	31	31	48	48
Luminaire efficacy (lm/W)	123	126	110	115
Operating temperature (°C)	Tc: -40 ~ +90			
Optics	Roadway			
Dimensions (mm)	120 x 120 x 11			
Weight (kg)	0.4			
Ingress protection	IP65			

(1)Luminous flux measurement is initial at 25°C. (2)Luminous flux and power consumption measurement allowance is ±10%. (3)CRI allowance is ±5. (4)Other color temperature is available.
(5)Variety optics combination is available. (6)Tc: Max case temperature. (7)Certifications are not cover all the configuration, please contact our representative for details.

Photometry (Maximum candlepower trace)

Roadway
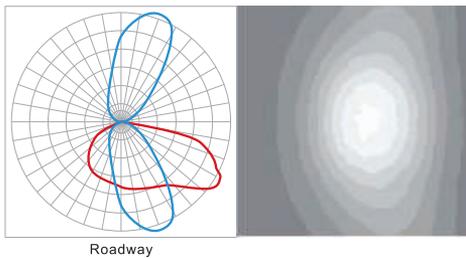
(Meet EN13201 ME/S series requirement)
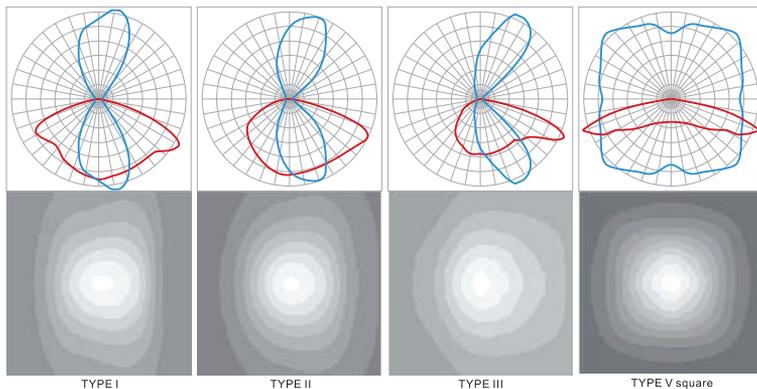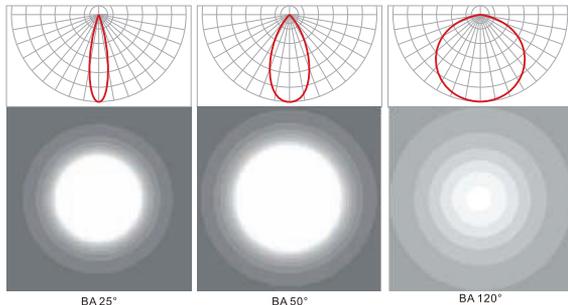Customization is welcome

Dimensions (mm)

120
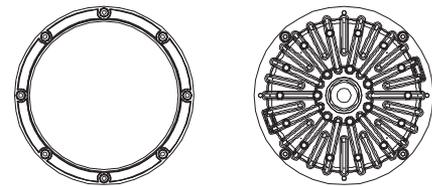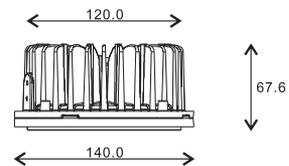
11

120
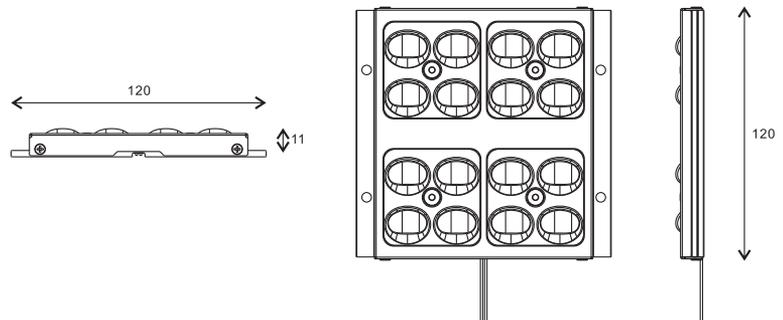
LED Acorn Module

Specification

CE

Model name	LA3W				LA6W	
LED quantity	3				6	
LED brand	CREE / Philips Lumileds					
Input current	700 mA		1,050 mA		700 mA	
Color temperature	4000K	5000K	4000K	5000K	4000K	5000K
Color rendering index	70	70	70	70	70	70
Luminous flux (lm)	2,800	3,000	3,900	4,200	5,600	6,000
Power consumption (W)	24	24	36	36	48	48
Luminaire efficacy (lm/W)	117	125	108	117	117	125
Operating temperature (°C)	-40 ~ +60				-40 ~ +50	
Optics	BA 25° / BA 50° / BA 120°/ TYPE I / TYPE II / TYPE III / TYPE V square					
Dimensions (mm)	Φ140 x 67.6					
Weight (kg)	0.9					
Ingress protection	IP67					

(1)Luminous flux measurement is initial at 25°C.   (2)Luminous flux and power consumption measurement allowance is ±10%.   (3)CRI allowance is ±5.   (4)Other color temperature is available.
(5)Variety optics combination is available.   (6)Certifications are not cover all the configuration, please contact our representative for details.

Photometry (Maximum candlepower trace)

BA 25°

BA 50°

BA 120°

TYPE I

TYPE II

TYPE III

TYPE V square

Dimensions (mm)

120.0

67.6

140.0

客
Customization
制
化

LED Dish Module

Specification

CE

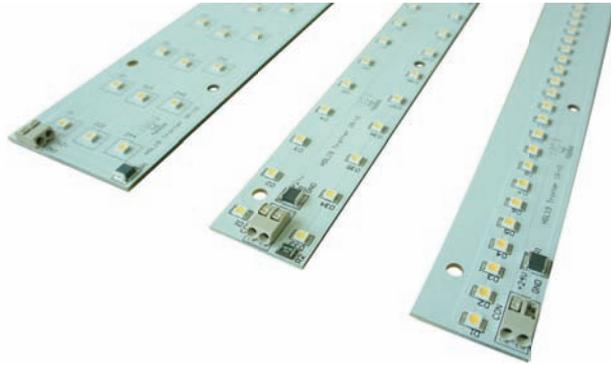| Model name	LJF			
LED quantity	6			
LED brand	CREE / Philips Lumileds			
Input current	700 mA		1,050 mA	
Color temperature	4000K	5000K	4000K	5000K
Color rendering index	70	70	70	70
Luminous flux (lm)	1,300	1,400	1,800	1,900
Power consumption (W)	12	12	18	18
Luminaire efficacy (lm/W)	108	117	100	106
Operating temperature (°C)	Tc: -40 ~ +85			
Optics	BA 19° / BA 33° / BA 48°			
Dimensions (mm)	90.0 x 90.0 x 21.6			
Weight (kg)	0.25			
Ingress protection	IP65			

(1)Luminous flux measurement is initial at 25°C.   (2)Luminous flux and power consumption measurement allowance is ±10%.   (3)CRI allowance is ±5.   (4)Other color temperature is available.
(5)Variety optics combination is available.   (6)Tc: Max case temperature.   (7)Certifications are not cover all the configuration, please contact our representative for details.

Photometry (Maximum candlepower trace)

BA 19°

BA 33°

BA 48°

Dimensions (mm)

76.2

21.6

90.0

90.0
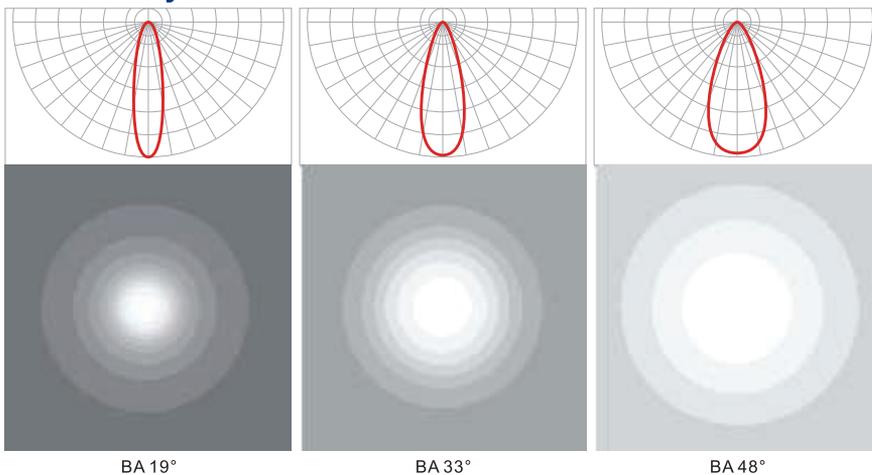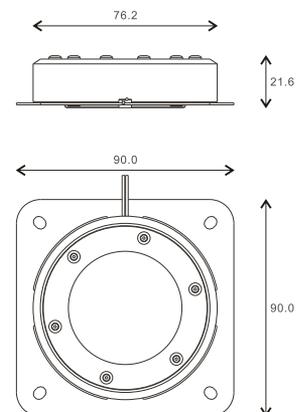
LED Stripe Module

Specification

CE

Model name	LS1	LS2	LS3	LS1	LS2	LS3
Row number	1	2	3	1	2	3
LED brand	Philips Lumileds					
Input voltage/current	24 Vdc			700 mA		
Color temperature	4000K / 5000K					
Color rendering index	80					
Luminous flux (lm)	2,500			2,300		
Power consumption (W)	20			17		
Luminaire efficacy (lm/W)	125			135		
Operating temperature (°C)	-40 ~ +50					
Optics	BA 120°					
Dimensions (mm)	560 x 30	560 x 30	560 x 56	560 x 30	560 x 30	560 x 56
Weight (kg)	0.057	0.057	0.105	0.057	0.057	0.105
Ingress protection	N/A					

(1)Luminous flux measurement is initial at 25°C.   (2)Luminous flux and power consumption measurement allowance is ±10%.   (3)CRI allowance is ±5.   (4)Other color temperature is available.
(5)Variety optics combination is available.   (6)Certifications are not cover all the configuration, please contact our representative for details.

Dimensions (mm)

560

30

30

56
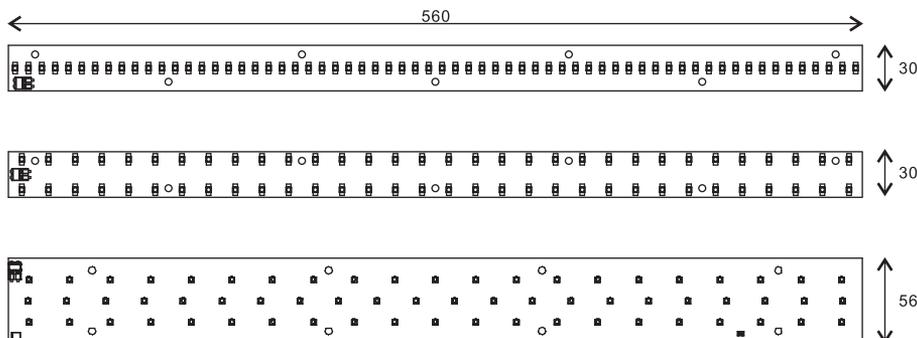
部分案例 *Part of the case*

生產：技術精益求精

品質：品質是永續經營的唯一條件

成本：據市場競爭力

服務：契合客戶需求

Production: Technology excellence

Quality: Quality is the only condition for sustainable development

Cost: According to market competitiveness

Service: Fulfill customer needs

Integrating sphere

EMC Tester

Glass tube coating

Glass tube post processing

Auto Wire Bonder

Auto Ball Bonder

Auto Sorter

Auto Molder
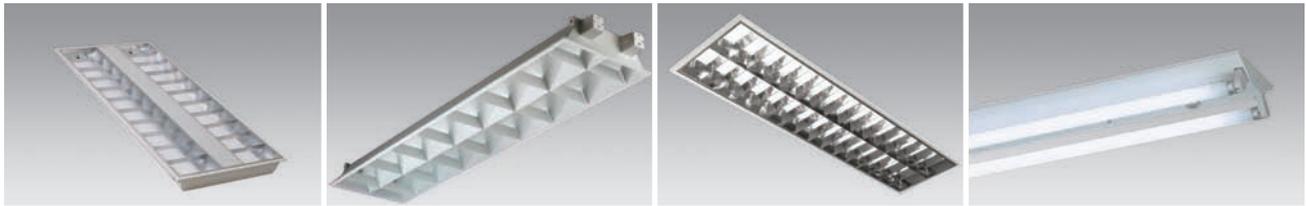

Auto Die Bonder

Programmable Thermal Shock Test Chamber

Angle Shearing Machine

Programmable Temperature & Humidity Chamber

常用燈具 *Light fixtures*

系統天花燈具	白色鋼板雙管燈具	防眩光燈具	富士型燈具
高反射型	高效控照型燈具	工廠專用4管燈具	控照型燈具
明裝燈盤600	明裝燈盤1200	三管格柵燈具	省一支改造燈具
三管嵌入式600	雙管嵌入式	消光格柵燈具	支架燈
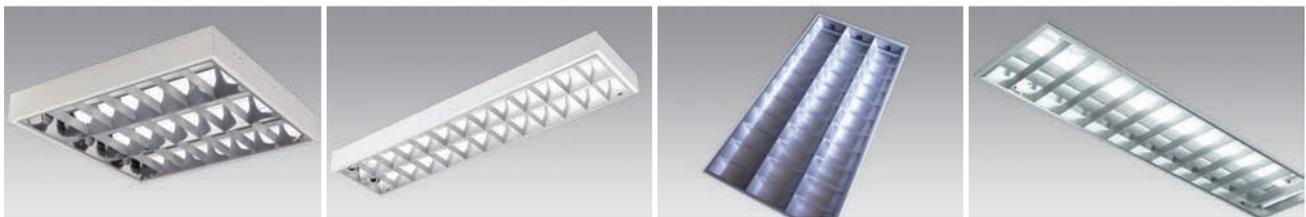
三防燈具 water proof fixture

A Series

Type	Dimenssion
0.6m Single Lamp	655 x 72 x 86
0.6m Double Lamp	655 x 115 x 86
1.2m Single Lamp	1265 x 72 x 86
1.2m Double Lamp	1265 x 115 x 86
1.5m Single Lamp	1565 x 72 x 86
1.5m Double Lamp	1565 x 115 x 86

C Series

Type	Dimenssion
0.6m Single Lamp	655 x 89 x 92
0.6m Double Lamp	655 x 130 x 92
1.2m Single Lamp	1265 x 89 x 92
1.2m Double Lamp	1265 x 130 x 92
1.5m Single Lamp	1565 x 89 x 92
1.5m Double Lamp	1565 x 130 x 92

D Series

Type	Dimenssion
0.6m Single Lamp	655 x 100 x 102
0.6m Double Lamp	655 x 152 x 102
1.2m Single Lamp	1265 x 100 x 102
1.2m Double Lamp	1265 x 152 x 102
1.5m Single Lamp	1565 x 100 x 102
1.5m Double Lamp	1565 x 152 x 102
1.8m Single Lamp	1830 x 100 x 102
1.8m Double Lamp	1830 x 152 x 102

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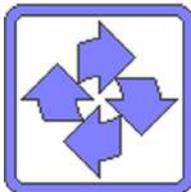手機：+86 13771070945

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