

FL2C Flood light series

投光灯系列

产品特性

- Honeycomb Cooling Technology: Ensures high-efficiency heat dissipation.
- Light Source: Adopts advanced LED components for stable performance.
- Dual-Coupling Design: Enhances light output and uniformity.
- High Protection Level: IP68 waterproof and dustproof, suitable for harsh environments.
- Safety Assurance: Complies with electrical safety standards for reliable use.
- Ergonomic Light Distribution: Provides uniform area lighting for optimal visibility.
- Modular Design & Full-Power Solutions: Offers flexible configuration and scalability.



电气参数

Input Voltage:	100Vac~240Vac, 50/60Hz
Power Efficiency:	86%~93%
Power Factor (PF):	0.95
Surge Protection:	≥10KV
Working Environment:	-40°C~+45°C, 10%~90%RH
Storage Environment:	-40°C~+50°C, 10%~90%RH

Color Rendering Index (CRI):	Ra ≥ 70
Color Temperature Range:	3000K 4000K 5000K 5700K
Main Materials:	Extruded aluminum housing, modular structure
Protection Rating:	IP68 (light body), IP67 (power supply)

Note:

Special solutions are available for coastal areas, high-UV regions, and other special environments.
All parameters are typical values, subject to actual measurement.

典型应用

足球场、高尔夫球场等体育设施 机场、十字路口等交通要道 墙壁、广告牌等宣传标语



网球场



桥梁



休闲广场



高尔夫球场

产品信息

产品编码

范例：FL2C-4-240- M66A -VBA-34-6534-7040-LU-M0-

Model	Module Quantity	Power	Module Type	Installation Interface	LED Package	Wire	Number of Chips
FL2C	1: 1PCS	40: 40W	M66A	V: Wedge Slot	A: 3535 Package	A: CCC+VDE	34PCS
	2: 2PCS	50: 50W	M2A		B: 5050 Package	H: UL	90PCS
	...	...	M16A		C: 3030 Package	X: Other	
	16: 16PCS	960: 960W					

Lens Type		Color Rendering Index & Color Temperature		Chip Brand	Power Supply Brand	Appearance Color
6534 (25° Projection)	5535 (40° Projection)	7030: Ra≥70, 3000K Color Temperature		LU: Lumileds	M0: Moso	BK: Black
6536 (60° Projection)	5537 (90° Projection)	7040: Ra≥70, 4000K Color Temperature		SN: Sanan	SS: SOSEN	WH: White
6525 (25° Projection)	5540 (40° Projection)	7050: Ra≥70, 5000K Color Temperature		HP: HwaPu	PH: Philips	BU: Blue
6560 (60° Projection)	5590 (90° Projection)	7057: Ra≥70, 5700K Color Temperature		XX: Other	IN: Inventronics	GY: Pearl Gray
注：具体透镜的配光曲线图见附录				XX: Other		

光学参数表

型号	功率 (W)	3030 Package 90 Chips		5050 Package 34 Chips	
		光效(lm/W)	光通量 (lm)	光效(lm/W)	光通量 (lm)
FL2C-1	40	155	6200	180	7200
	50	150	7000	175	8750
	60	145	8700	171	10260
FL2C-2	80	160	12800	185	14800
	100	155	15500	180	18000
	120	150	18000	176	21120
FL2C-3	120	160	19200	185	22200
	150	155	23250	180	27000
	180	150	27000	176	31680
FL2C-4	160	160	25600	185	29600
	200	155	31000	180	36000
	240	150	36000	176	42240
FL2C-5	200	160	32000	185	37000
	250	155	37200	180	45000
	300	150	45000	176	52800
FL2C-6	240	160	38400	185	44400
	300	155	46500	180	54000
	360	150	54000	176	63360
FL2C-7	280	160	44800	185	51800
	350	155	55800	180	63000
	420	150	63000	176	73920

注：以上参数为典型值，实测可能存在 5%~8%的误差；3000K 色温相较于上表 4000K 以上色温光效约低 5%；6534（25°投射）相较于其它 5050 封装透镜光效约低 8%

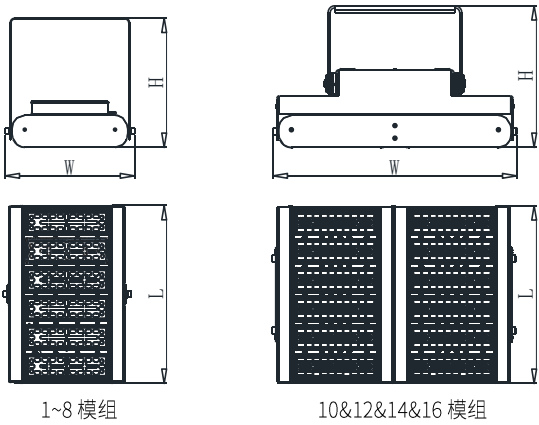
型号	功率 (W)	3030 Package 90 Chips		5050 Package 34 Chips	
		光效(lm/W)	光通量 (lm)	光效(lm/W)	光通量 (lm)
FL2C-8	320	160	51200	185	59200
	400	155	62000	180	72000
	480	150	72000	176	84480
FL2C-10	400	160	64000	185	74000
	500	155	77500	180	90000
	600	150	90000	176	105600
FL2C-12	480	160	76800	185	88800
	600	155	93000	180	108000
	720	150	108000	176	126720
FL2C-14	560	160	89600	185	103600
	700	155	108500	180	126000
	840	150	126000	176	147840
FL2C-16	640	160	102400	185	118400
	800	155	124000	180	144000
	960	150	135000	176	168960

注：以上参数为典型值，实测可能存在 5%-8%的误差；3000K 色温相较于上表 4000K 以上色温光效约低 5%；6534（25°投射）相较于其它 5050 封装透镜光效约低 8%

尺寸重量信息

型号	L (mm)	W (mm)	H (mm)	净重(kg)
FL2C-1	95	360	200	3.5
FL2C-2	175	360	200	4.6
FL2C-3	255	360	260	5.9
FL2C-4	335	360	260	7.2
FL2C-5	415	360	360	9.4
FL2C-6	495	360	360	10.3
FL2C-7	575	360	360	11.8
FL2C-8	655	360	360	13
FL2C-10	415	680	395	28.8
FL2C-12	495	680	395	31.2
FL2C-14	575	680	395	34.2
FL2C-16	655	680	395	36.3

注：以上参数为典型值，实际可能存在 5%-8%的误差



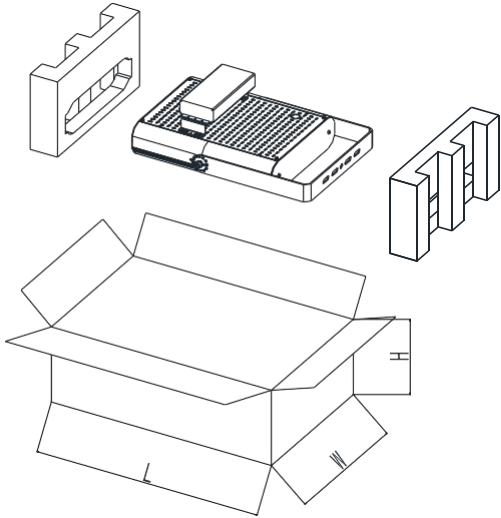
1~8 模组

10&12&14&16 模组

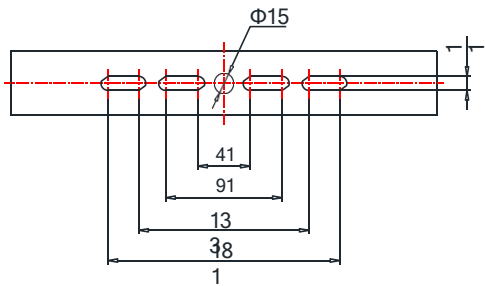
包装尺寸

型号	L (mm)	W (mm)	H (mm)	毛重 (kg)
FL2C-1	285	430	150	4.1
FL2C-2	295	430	185	5.3
FL2C-3	395	430	185	6.7
FL2C-4	430	430	185	8.2
FL2C-5	570	430	220	10.8
FL2C-6	625	430	220	11.8
FL2C-7	655	430	220	13.3
FL2C-8	705	430	220	14.6
FL2C-10	770	510	335	31.8
FL2C-12	770	590	335	34.7
FL2C-14	770	670	335	38.1
FL2C-16	770	750	335	40.6

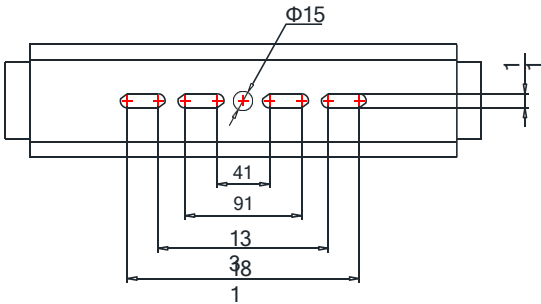
注：以上参数为典型值，实际可能存在 5%~8%的误差



安装孔位图



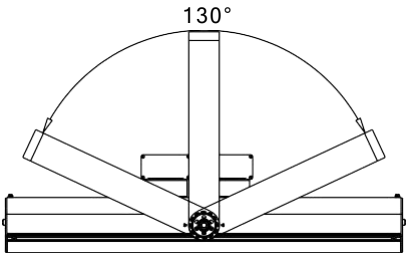
1~8 模组



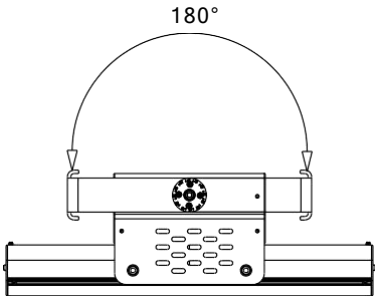
10&12&14&16 模组

产品信息

支架旋转角度图



FL2C-8

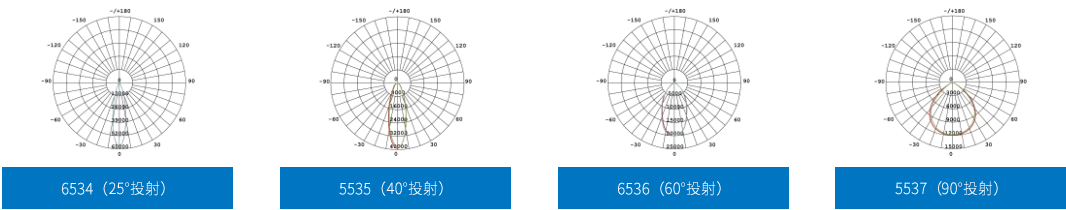


FL2C(10-16)

备注：1~7 模组的安装角度范围为 360°

附录：配光曲线图

5050 封装 34 颗粒



3030 封装 90 颗粒

