

2C

LED Flood Light



Specifications

Input Voltage:	100Vac ~244Vac
Input Frequency:	50 / 60Hz
Power Factor:	0.95
Surge Protection Level:	10kV line-earth
Working Environment:	-40℃~ + 50℃, 10%~ 90% RH
CCT:	3000K, 4000K, 5000K, 5700K
CRI:	Ra≥70
Housing:	Extrusion, Galvanized Steel
IP Rating of LED Light Engine	IP68
IP Rating of LED Driver:	IP67
Impact Resistance	IK09
Warranty:	5 Years Limited

Finishing Colors

	Gray		Black
	White		Blue



Features

Construction

- Whole structure heating dissipation design with efficient thermal conduction, radiation and convection
- Unique patented IP68 LED light engines
- Tool-less onsite replacement of light engines greatly reduces maintenance cost

Electrical

- Flexible to reach desired power consumption up to 960W by choosing appropriate light engines

Optical

- Ergonomic and specialized lighting distributions available for various area lighting

Applications

- Sports facilities (stadium, football field, golf course....)
- Traffic arteries (airport, crossroad....)
- Advertisement (wall, billboard....)

Photos

FL2C-1/ 2/ 3/ 4/ 5/ 6/ 7/ 8



FL2C-10/ 12/ 14/ 16



Ordering Information

ForExample:2C-4-240-M66A-BA-34-6534-7040-LU-MO-GY

Model Type	Module Qty	System Power	LED Module	LED Package	Cable Standard	LED Qty
2C : Flood light	1: 1 PCS	40: 40W	M66A	C: 3030	A: CCC+VDE	90: 90pcs
	2: 2 PCS	50: 50W		B: 5050	H: UL	34: 34pcs
	---	60: 60W			X: Others	
	14: 14 PCS					
	16: 16 PCS	960: 960W				

Lens Code				CRI & CCT	Brand of LEDs	Driver Brand	Housing Color
6534	25D	5535	40D	7030: Ra≥70, 3000K	LU: LUMILEDS	MO: MOSO	BK: Black
6536	60D	5537	90D	7040: Ra≥70, 4000K	SN: Sanan	PH: PHILIPS	WH: White
6525	25D	5540	40D	7050: Ra≥70, 5000K	HP: HPWINNER	IN: Inventronics	BU: Blue
6560	60D	5590	90D	7057: Ra≥70, 5700K	XX: Others	XX: Others	GY: Gray

Performance

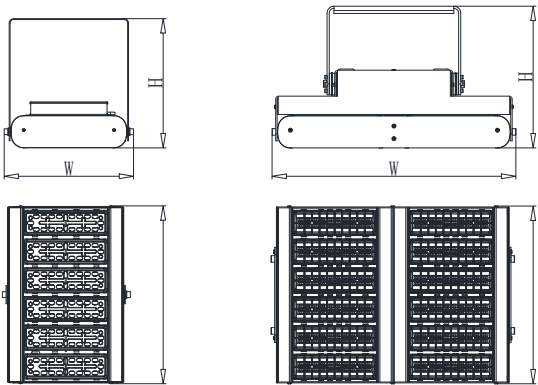
Model	Power (W)	M66A-3030-90 pcs		M66A-5050-34 pcs	
		Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)
2C-1	40	155	6200	180	7200
	50	150	7000	175	8750
	60	145	8700	171	10260
2C-2	80	160	12800	185	14800
	100	155	15500	180	18000
	120	150	18000	176	21120
2C-3	120	160	19200	185	22200
	150	155	23250	180	27000
	180	150	27000	176	31680
2C-4	160	160	25600	185	29600
	200	155	31000	180	36000
	240	150	36000	176	42240
2C-5	200	160	32000	185	37000
	250	155	37000	180	45000
	300	150	45000	176	52800
2C-6	240	160	38400	185	44400
	300	155	46500	180	54000
	360	150	54000	176	63360
2C-7	280	160	44800	185	51800
	350	155	55800	180	63000
	420	150	63000	176	73920
2C-8	320	160	51200	185	59200
	400	155	62000	180	72000
	480	150	72000	176	84480
2C-10	400	160	64000	185	74000
	500	155	77500	180	90000
	600	150	90000	176	105600
2C-12	480	160	76800	185	88800
	600	155	93000	180	108000
	720	150	108000	176	126720
2C-14	560	160	89600	185	103600
	700	155	108500	180	126000
	840	150	126000	176	147840
2C-16	640	160	102400	185	118400
	800	155	124000	180	144000
	960	150	135000	176	168960

Notes: 1. Values shown are subject to ±5%~±8% tolerance. 2. Efficacy of Ra70 3000K is 5% lower than other CCT≥4000K.

Product Dimensions

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

Notes: Typical values above. Actual N.W. is subject to tolerance of 5%



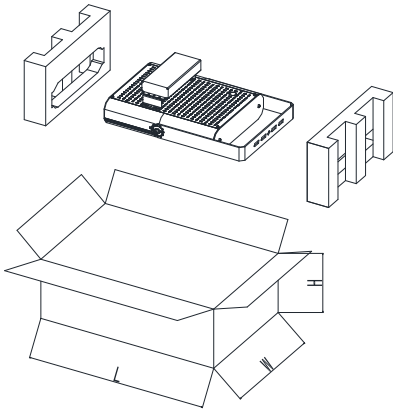
2C 1~8

2C-10&12&14&16

Package Information

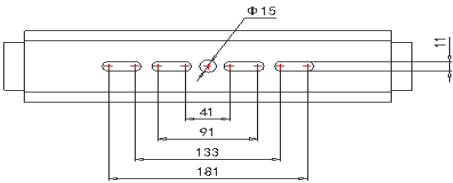
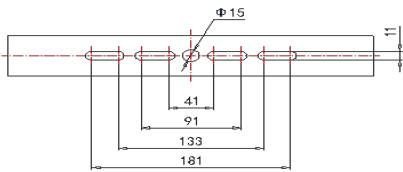
Model	L (mm)	W (mm)	H (mm)	G.W. (kg)
2C-1	430	265	150	4.1
2C-2	430	265	230	5.3
2C-3	430	335	330	6.7
2C-4	475	430	210	8.2
2C-5	615	430	240	10.8
2C-6	660	430	240	11.8
2C-7	695	425	235	13.3
2C-8	785	430	260	14.6
2C-10	770	510	335	31.8
2C-12	770	590	335	34.7
2C-14	770	670	335	38.1
2C-16	770	750	335	40.6

Notes: Typical values above. Tolerance of dimensions: ±5mm. Tolerance of G.W.: 5%.



Installation Bracket

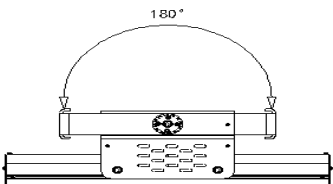
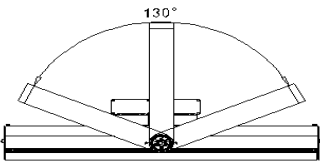
2C-1~8	2C-10 & 12 & 14 & 16
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Notes: Unite: mm. Tolerance ±0.5mm.

Installation Bracket

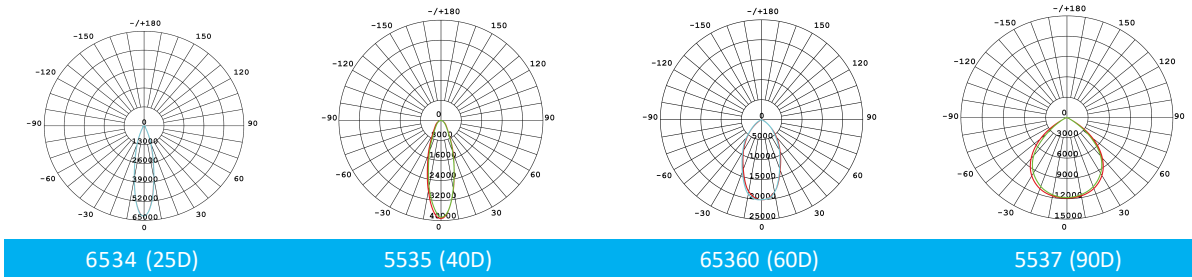
2C-1~8	2C-10 & 12 & 14 & 16
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Notes: 2C-1/ -2/ -3/ -4/ -5/ -6/ -7: adjustable in 360°.

Typical Distributions

Module
M66A-34pcs



Module
M66A-90pcs

