

LED Flood Light

F.37 SERIES、F.367

F.378、 F.379 and F.367,the entire lamp body is completed by integrated aluminum die-casting, with light source and power supply dual cavity, reduces the heat formation that overlaps with each other, which causing chip premature failure due to excessive temperature. Tempered glass for smooth surface protection, reducing environmental damage to optical and electronic components, effectively extending product lifespan. Body surface is smooth and clean, no protruding heat ribs or columns and concave structures, with self-cleaning function to avoid long term use of leaf stacking and other conditions which cause poor heat dissipation of lamp, resulting in product failure.



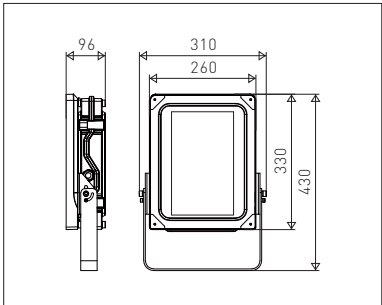
Product Description

- Watts:90W~420W
- Integrated die-casting of lamp body, tempered glass with smooth surface,providing comprehensive protection for optical and electronic components not affected by the environment;
- IP66 waterproof and dustproof structure sealing design
- IK09 anti-collision performance
- Vibration level: 3G
- Positive surge protection performance and over voltage, over temperature, over power,short circuit protection
- Unaided operation without tools

- Adjustable spigot for flexible response to various installation requirements

Components Choosable

- Vertical install transition sleeve
- Power off protector
- Optical controller
- Intelligent control interface and intelligent control accessories
- Falling prevention safety rope
- Single lamp single control
- Surge Protective Device



AC90V~305V 50/60Hz 3030(16 in 1) IP66 (Light distribution : 30°/60°/90°/Type2/Type3/FN)								
Model	Power [W]	CRI	CCT [K]	LED QTY(pcs) -120lm/w	LED QTY(pcs) -130lm/w	LED QTY(pcs) -140lm/w	LED QTY(pcs) -150lm/w	Weight [kg]
F.378A.10.0090.0XX.XX.02	90	80	2700	192	/	/	/	5.3
		70	3000	108	176	/	/	5.3
		70	4000/5000	108	132	176	/	5.3
F.378A.10.0100.0XX.XX.02	100	80	2700	192	/	/	/	5.4
		70	3000	108	176	/	/	5.4
		70	4000/5000	108	132	176	/	5.4
F.378A.10.0120.0XX.XX.02	120	80	2700	240	/	/	/	5.6
		70	3000	144	192	/	/	5.6
		70	4000/5000	144	144	192	/	5.6
F.378A.10.0125.0XX.XX.02	125	80	2700	240	/	/	/	5.6
		70	3000	144	192	/	/	5.6
		70	4000/5000	144	144	192	/	5.6
F.378A.10.0150.0XX.XX.02	150	80	2700	/	/	/	/	5.6
		70	3000	176	240	/	/	5.6
		70	4000/5000	176	176	240	/	5.6
F.378A.10.0160.0XX.XX.02	160	80	2700	/	/	/	/	5.7
		70	3000	176	240	/	/	5.7
		70	4000/5000	176	176	240	/	5.7

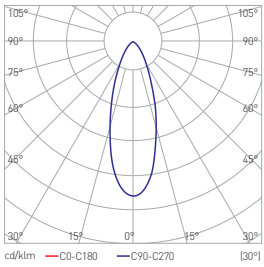
Remark: ".0XX." for light distribution 30°/60°/90°/Type2/Type3/FN, ".XX." for CCT 2700K/3000K/4000K/5000K,example light distribution Type2、CCT 3000K, then full name is "F.378A.10.0160.0T2.W3.02"。

AC90V~305V 50/60Hz 5050(8 in 1) IP66 (Light distribution : 30°/60°/90°/Type2/Type3/FN)								
Model	Power [W]	CRI	CCT [K]	LED QTY(pcs) -120lm/w	LED QTY(pcs) -130lm/w	LED QTY(pcs) -140lm/w	LED QTY(pcs) -150lm/w	Weight [kg]
F.378B.10.0090.0XX.XX.02	90	70	2700	/	50	80	/	5.3
		70	3000	/	/	60	96	5.3
		70	4000/5000	/	/	/	72	5.3
F.378B.10.0100.0XX.XX.02	100	70	2700	/	50	80	/	5.4
		70	3000	/	/	60	96	5.4
		70	4000/5000	/	/	/	72	5.4
F.378B.10.0120.0XX.XX.02	120	70	2700	/	50	86	/	5.6
		70	3000	/	/	60	100	5.6
		70	4000/5000	/	/	/	72	5.6
F.378B.10.0125.0XX.XX.02	125	70	2700	/	50	86	/	5.6
		70	3000	/	/	60	100	5.6
		70	4000/5000	/	/	/	72	5.6
F.378B.10.0150.0XX.XX.02	150	70	2700	40	60	96	/	5.6
		70	3000	/	/	72	118	5.6
		70	4000/5000	/	/	/	84	5.6
F.378B.10.0160.0XX.XX.02	160	70	2700	40	60	96	/	5.7
		70	3000	/	/	72	118	5.7
		70	4000/5000	/	/	/	84	5.7

Remark: ".0XX." for light distribution 30°/60°/90°/Type2/Type3/FN, ".XX." for CCT 2700K/3000K/4000K/5000K,example light distribution Type2、CCT 3000K, then full name is "F.378B.10.0050.0T2.W3.02"。

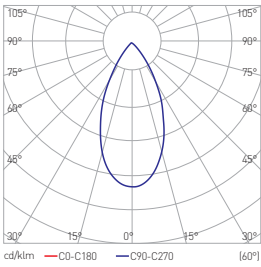
F.378.10.0200.030.W4

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	2.1	1643	2602
8.0	4.2	412	657
12.0	6.3	183	292
16.0	8.4	103	164
20.0	10.5	66	105
24.0	12.6	46	73



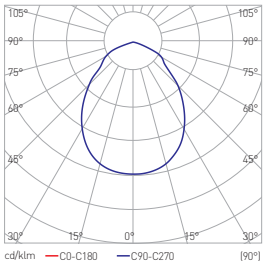
F.378.10.0200.060.W4

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	4.6	610	1251
8.0	9.2	151	305
12.0	13.8	67	134
16.0	18.4	37	75
20.0	23	24	48
24.0	27.6	17	33



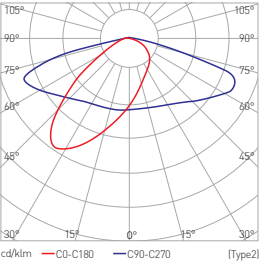
F.378.10.0200.090.W4

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	4.0	1003	2808
8.0	8.0	246	670
12.0	12.0	109	293
16.0	16.0	61	163
20.0	20.0	39	104
24.0	24.0	27	72

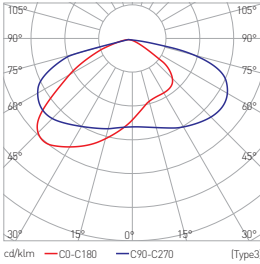


Other light distribution :

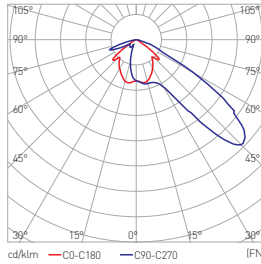
T2



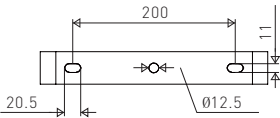
T3

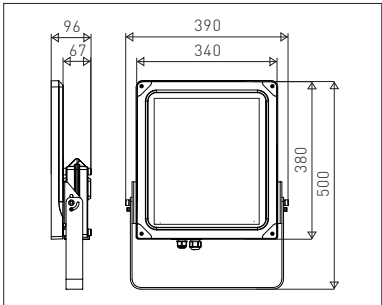


FN



Mounting hole :





AC90V~305V 50/60Hz 3030(16 in 1) IP66 (Light distribution : 30°/60°/90°/Type2/Type3/FN)								
Model	Power [W]	CRI	CCT [K]	LED QTY(pcs) -120lm/w	LED QTY(pcs) -130lm/w	LED QTY(pcs) -140lm/w	LED QTY(pcs) -150lm/w	Weight [kg]
F.379A.10.0180.0XX.XX.02	180	80	2700	320	/	/	/	7.0
		70	3000	192	320	400	/	7.0
		70	4000/5000	192	208	320	/	7.0
F.379A.10.0200.0XX.XX.02	200	80	2700	352	/	/	/	7.0
		70	3000	240	352	480	/	7.0
		70	4000/5000	240	240	352	/	7.0
F.379A.10.0225.0XX.XX.02	225	80	2700	400	/	/	/	7.0
		70	3000	240	400	/	/	7.0
		70	4000/5000	240	240	400	/	7.0
F.379A.10.0230.0XX.XX.02	230	80	2700	400	/	/	/	7.0
		70	3000	240	400	/	/	7.0
		70	4000/5000	240	240	400	/	7.0
F.379A.10.0240.0XX.XX.02	240	80	2700	440	/	/	/	7.0
		70	3000	256	400	/	/	7.0
		70	4000/5000	256	256	400	/	7.0
F.379A.10.0250.0XX.XX.02	250	80	2700	440	/	/	/	7.0
		70	3000	256	400	/	/	7.0
		70	4000/5000	256	256	400	/	7.0
F.379A.10.0275.0XX.XX.02	275	80	2700	480	/	/	/	8.1
		70	3000	320	440	/	/	8.1
		70	4000/5000	320	320	440	/	8.1
F.379A.10.0280.0XX.XX.02	280	80	2700	480	/	/	/	8.1
		70	3000	320	440	/	/	8.1
		70	4000/5000	320	320	440	/	8.1
F.379A.10.0300.0XX.XX.02	300	80	2700	480	/	/	/	8.1
		70	3000	400	480	/	/	8.1
		70	4000/5000	400	360	480	/	8.1

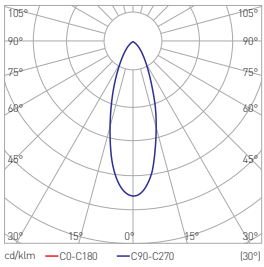
Remark: ".0XX." for light distribution 30°/60°/90°/Type2/Type3/FN, ".XX." for CCT 2700K/3000K/4000K/5000K,example light distribution Type2、CCT 3000K, then full name is "F.379A.10.0300.0T2.W3.02".

AC90V~305V 50/60Hz 5050(8 in 1) IP66 (Light distribution可选配光：30°/60°/90°/Type2/Type3/FN)								
Model	Power [W]	CRI	CCT [K]	LED QTY(pcs) -120lm/w	LED QTY(pcs) -130lm/w	LED QTY(pcs) -140lm/w	LED QTY(pcs) -150lm/w	Weight [kg]
F.379B.10.0180.0XX.XX.02	180	70	2700	/	72	118	/	7.0
		70	3000	/	/	/	142	7.0
		70	4000/5000	/	/	/	100	7.0
F.379B.10.0200.0XX.XX.02	200	70	2700	/	86	132	/	7.0
		70	3000	/	/	/	160	7.0
		70	4000/5000	/	/	/	126	7.0
F.379B.10.0225.0XX.XX.02	225	70	2700	/	92	142	/	7.0
		70	3000	/	/	108	172	7.0
		70	4000/5000	/	/	/	126	7.0
F.379B.10.0230.0XX.XX.02	230	70	2700	/	92	142	/	7.0
		70	3000	/	/	108	172	7.0
		70	4000/5000	/	/	/	126	7.0
F.379B.10.0240.0XX.XX.02	240	70	2700	/	100	160	/	7.0
		70	3000	/	/	118	186	7.0
		70	4000/5000	/	/	/	142	7.0
F.379B.10.0250.0XX.XX.02	250	70	2700	/	100	160	/	8.1
		70	3000	/	/	118	186	8.1
		70	4000/5000	/	/	/	142	8.1
F.379B.10.0275.0XX.XX.02	275	70	2700	/	108	172	/	8.1
		70	3000	/	/	132	216	8.1
		70	4000/5000	/	/	/	160	8.1
F.379B.10.0280.0XX.XX.02	280	70	2700	/	108	172	/	8.1
		70	3000	/	/	132	216	8.1
		70	4000/5000	/	/	/	160	8.1
F.379B.10.0300.0XX.XX.02	300	70	2700	/	126	192	/	8.1
		70	3000	/	/	160	240	8.1
		70	4000/5000	/	/	/	186	8.1

Remark: ".0XX." for light distribution 30°/60°/90°/Type2/Type3/FN, ".XX." for CCT 2700K/3000K/4000K/5000K,example light distribution Type2、CCT 3000K, then full name is "F.378B.10.0050.0T2.W3.02".

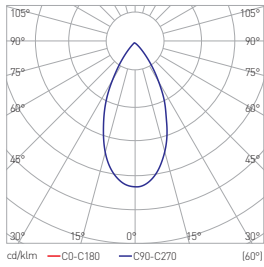
F.379.10.0300.030.W4

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	5.3	393	631
8.0	10.5	99	158
12.0	15.5	44	70
16.0	21	25	39
20.0	26.5	16	25
24.0	31	11	18



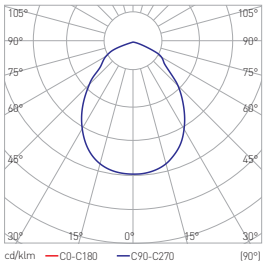
F.379.10.0300.060.W4

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	5.8	578	1189
8.0	11.5	144	291
12.0	17.5	63	129
16.0	23	36	72
20.0	29	23	46
24.0	35	16	32



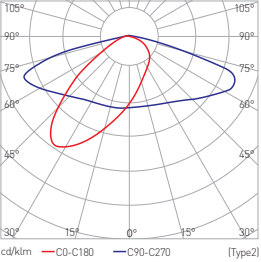
F.379.10.0300.090.W4

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	8	369	1005
8.0	16	92	245
12.0	24	41	108
16.0	32	23	60
20.0	40	15	39
24.0	48	11	27

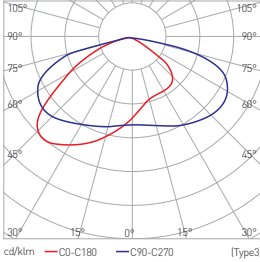


Other light distribution :

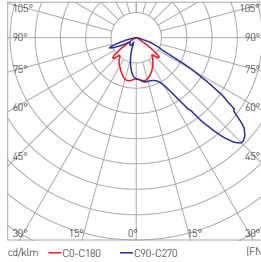
T2



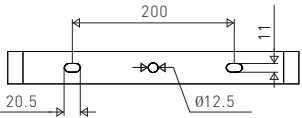
T3

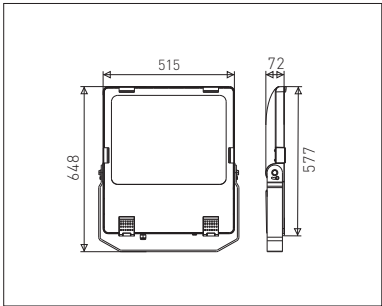


FN



Mounting hole:





AC176V~265V 50/60Hz 3535 CRI 70 IP66 (Single Color on/off)

Model	LED QTY (pcs)	Power (w)	Luminous Flux (lm) -3000K	Luminous Flux (lm) -4000K	Luminous Flux (lm) -5000K	Beam Angle	Weight (kg)
F.367A.10.0220.009.XX.02	96	220	19267	19267	20616	9°	18.5
F.367A.10.0220.015.XX.02	96	220	22720	23856	25220	15°	18.5
F.367A.10.0220.025.XX.02	96	220	22058	23161	24484	25°	18.5
F.367A.10.0220.040.XX.02	96	220	22660	23793	25153	40°	18.5
F.367A.10.0220.060.XX.02	96	220	21300	22365	23643	60°	18.5
F.367A.10.0220.090.XX.02	96	220	22175	23283	24614	90°	18.5
F.367A.10.0220.1040.XX.02	96	220	20209	21219	22432	10°*40°	18.5
F.367A.10.0220.0T2.XX.02	96	220	21834	22926	24236	T2	18.5
F.367A.10.0220.0T3.XX.02	96	220	21308	22373	23652	T3	18.5

Remark:"xx" for CCT 3000K/4000K/5000K,example 3000k,then full name is "F.367A.10.0220.0T3.W3.02"

AC176V~265V 50/60Hz 3535 CRI 70 IP66 (Single Color on/off)

Model	LED QTY (pcs)	Power (w)	Luminous Flux (lm) -3000K	Luminous Flux (lm) -4000K	Luminous Flux (lm) -5000K	Beam Angle	Weight (kg)
F.367A.10.0280.009.XX.02	120	280	24484	24484	26198	9°	18.5
F.367A.10.0280.015.XX.02	120	280	28906	30352	32086	15°	18.5
F.367A.10.0280.025.XX.02	120	280	28064	29467	31151	25°	18.5
F.367A.10.0280.040.XX.02	120	280	28830	30271	32001	40°	18.5
F.367A.10.0280.060.XX.02	120	280	27109	28465	30091	60°	18.5
F.367A.10.0280.090.XX.02	120	280	28212	29622	31315	90°	18.5
F.367A.10.0280.1040.XX.02	120	280	25725	27011	28554	10°*40°	18.5
F.367A.10.0280.0T2.XX.02	120	280	27797	29186	30854	T2	18.5
F.367A.10.0280.0T3.XX.02	120	280	27129	28486	29910	T3	18.5

Remark:"xx" for CCT 3000K/4000K/5000K,example 3000k,then full name is "F.367A.10.0280.0T3.W3.02"

AC176V~265V 50/60Hz 3535 CRI 70 IP66 (Single Color on/off)

Model	LED QTY (pcs)	Power (w)	Luminous Flux (lm) -3000K	Luminous Flux (lm) -4000K	Luminous Flux (lm) -5000K	Beam Angle	Weight (kg)
F.367A.10.0330.009.XX.02	144	330	29167	29167	31208	9°	18.5
F.367A.10.0330.015.XX.02	144	330	34225	35936	37990	15°	18.5
F.367A.10.0330.025.XX.02	144	330	32891	34535	36508	25°	18.5
F.367A.10.0330.040.XX.02	144	330	33846	35539	37570	40°	18.5
F.367A.10.0330.060.XX.02	144	330	32376	33995	35938	60°	18.5
F.367A.10.0330.090.XX.02	144	330	33234	34895	36889	90°	18.5
F.367A.10.0330.1040.XX.02	144	330	30318	31833	33652	10°*40°	18.5
F.367A.10.0330.0T2.XX.02	144	330	32772	34410	36377	T2	18.5
F.367A.10.0330.0T3.XX.02	144	330	31962	33560	35478	T3	18.5

Remark:"xx" for CCT 3000K/4000K/5000K,example 3000k,then full name is "F.367A.10.0330.0T3.W3.02"

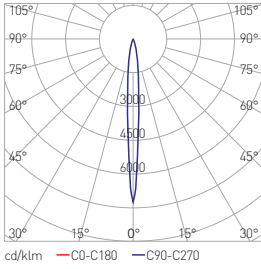
AC176V~265V 50/60Hz 3535 CRI 70 IP66 (Single Color on/off)

Model	LED QTY (pcs)	Power (w)	Luminous Flux (lm) -3000K	Luminous Flux (lm) -4000K	Luminous Flux (lm) -5000K	Beam Angle	Weight (kg)
F.367A.10.0420.009.XX.02	192	420	36778	36778	39353	9°	18.5
F.367A.10.0420.015.XX.02	192	420	43359	45527	48129	15°	18.5
F.367A.10.0420.025.XX.02	192	420	42095	44200	46726	25°	18.5
F.367A.10.0420.040.XX.02	192	420	43245	45407	48002	40°	18.5
F.367A.10.0420.060.XX.02	192	420	40664	42697	45137	60°	18.5
F.367A.10.0420.090.XX.02	192	420	42318	44434	46973	90°	18.5
F.367A.10.0420.1040.XX.02	192	420	38586	40515	42830	10°*40°	18.5
F.367A.10.0420.0T2.XX.02	192	420	41695	43780	46281	T2	18.5
F.367A.10.0420.0T3.XX.02	192	420	40694	42728	45170	T3	18.5

Remark:"xx" for CCT 3000K/4000K/5000K,example 3000k,then full name is "F.367A.10.0420.0T3.W3.02"

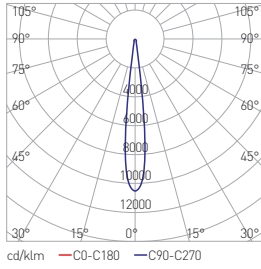
F.367A.10.0420.009.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
10.0	1.7	4386	9108
20.0	3.4	1089	2263
30.0	5.1	484	1004
40.0	6.8	273	564
50.0	8.5	176	361
60.0	10.2	122	251



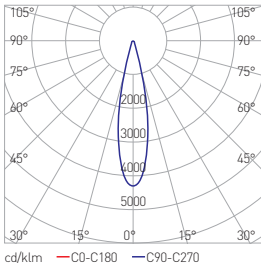
F.367A.10.0420.015.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
10.0	3.0	2293	4654
20.0	6.0	573	1153
30.0	8.0	300	511
40.0	11.0	163	288
50.0	14.0	103	185
60.0	17.0	70	129



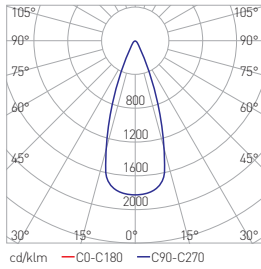
F.367A.10.0420.025.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
10.0	4.6	1049	1882
20.0	9.2	262	466
30.0	13.8	117	207
40.0	18.4	66	117
50.0	23.0	43	75
60.0	27.6	30	52



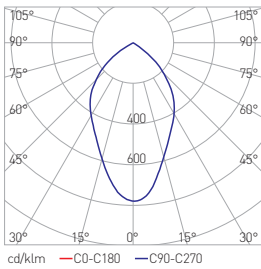
F.367A.10.0420.040.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
5.0	1.46	2054	3391
10.0	2.92	509	832
15.0	4.38	226	368
20.0	5.84	128	207
25.0	7.30	82	133
30.0	8.76	57	92



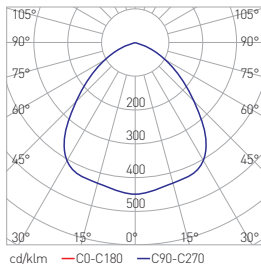
F.367A.10.0420.060.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
5.0	1.46	954.0	1435
10.0	2.92	236.0	353
15.0	4.38	105.0	157
20.0	5.84	60.0	88
25.0	7.30	39.0	57
30.0	8.76	28.0	40



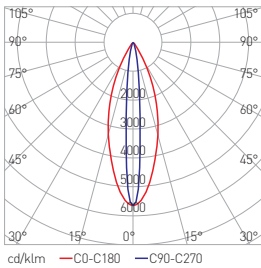
F.367A.10.0420.090.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
2.0	2.0	3888	5289
4.0	4.0	938	1259
6.0	6.0	413	552
8.0	8.0	232	309
10.0	10.0	149	197
12.0	12.0	104	137



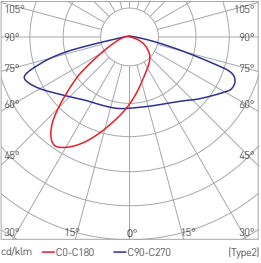
F.367A.10.0420.1040.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
5.0	0.9*3.65	6776	10890
10.0	1.8*7.3	1676	2669
15.0	2.7*10.95	745	1179
20.0	3.6*14.6	419	661
25.0	4.5*18.25	268	423
30.0	5.4*21.9	186	294

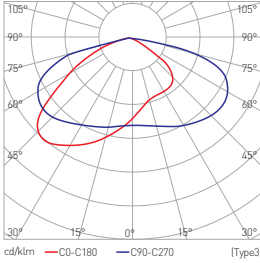


Other light distribution:

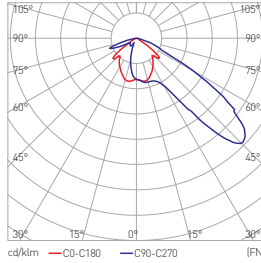
T2



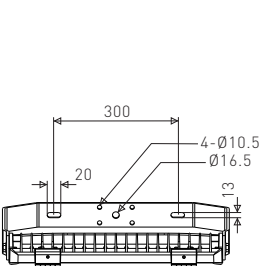
T3

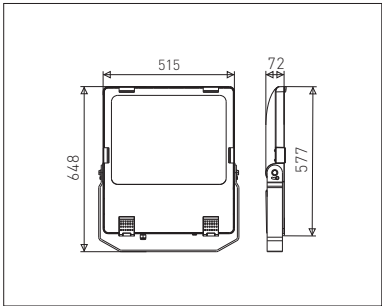


FN



Mounting hole:





AC176V~265V 50/60Hz 3535 CRI 70 IP66 (Single Color on/off)

Model	LED QTY (pcs)	Power (w)	Luminous Flux (lm) -3000K	Luminous Flux (lm) -4000K	Luminous Flux (lm) -5000K	Beam Angle	Weight (kg)
F.367B.10.0200.003.XX.02	84	200	19905	19905	21299	3.5°	18.5
F.367B.10.0200.005.XX.02	84	200	12803	12803	13699	5°	18.5
F.367B.10.0270.003.XX.02	108	270	26872	26872	28753	3.5°	18.5
F.367B.10.0270.005.XX.02	108	270	17231	17231	18438	5°	18.5
F.367B.10.0400.006.XX.02	84	400	25600	25600	27400	6.5°	18.5

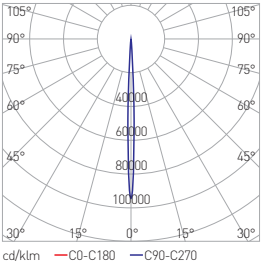
Remark:“xx” for CCT 3000K/4000K/5000K,example 3000k,then full name is “F.367B.10.0400.006.W3.02”

AC176V~265V 50/60Hz 3535 CRI 70 IP66 (RGB/RGBW)

Model	LED QTY (pcs)	Power (w)	Colour	Luminous Flux (lm)	Beam Angle	Weight (kg)
F.367B.10.0200.003.RGB.02-D	84	200	RGB	12757	3.5°	18.5
F.367B.10.0200.003.RGBW.02-D	84	200	RGBW	14193	3.5°	18.5
F.367B.10.0200.005.RGB.02-D	84	200	RGB	8205	5°	18.5
F.367B.10.0200.005.RGBW.02-D	84	200	RGBW	8299	5°	18.5
F.367B.10.0270.003.RGB.02-D	108	270	RGB	17222	3.5°	18.5
F.367B.10.0270.003.RGBW.02-D	108	270	RGBW	19161	3.5°	18.5
F.367B.10.0270.005.RGB.02-D	108	270	RGB	11077	5°	18.5
F.367B.10.0270.005.RGBW.02-D	108	270	RGBW	11204	5°	18.5

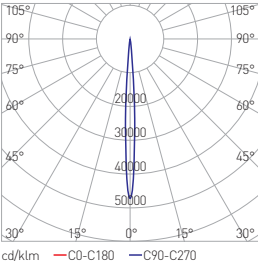
F.367B.10.0200.003.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
10	0.59	11120	11040
20	1.17	2780	2760
30	1.76	1236	1227
40	2.34	695	690
50	2.93	445	442
60	3.51	309	307



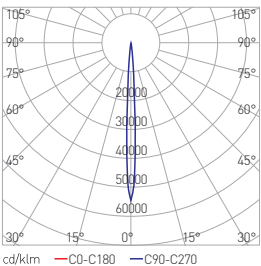
F.367B.10.0200.005.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
10	0.98	8448	8334
20	1.95	2112	2096
30	2.93	939	932
40	3.9	528	524
50	4.88	338	335
60	5.85	235	233



F.367B.10.0400.006.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
10	1.11	16051	15835
20	2.22	4013	3982
30	3.33	1784	1771
40	4.44	1003	996
50	5.55	642	637
60	6.66	447	443



Mounting hole:

