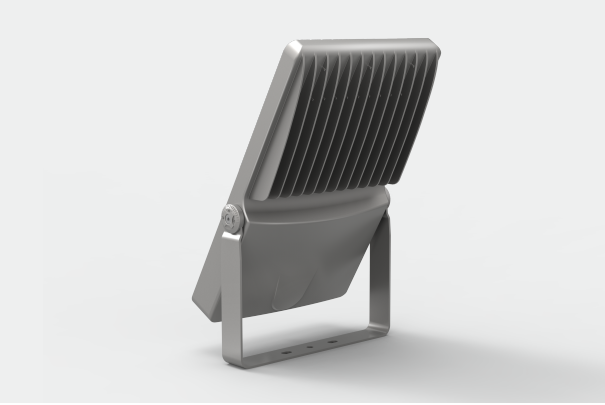
Specification NIREUS F.366 Series

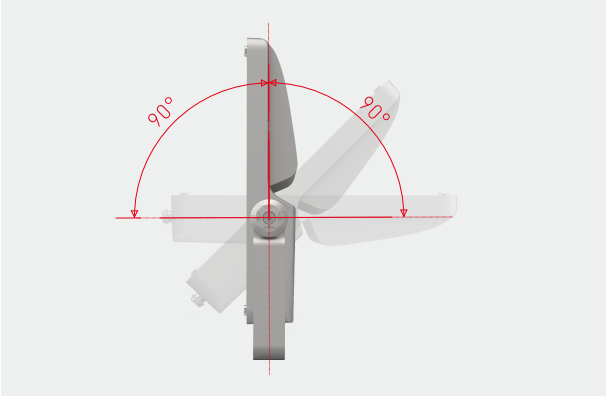
Product features

- NIREUS F.366 Series Flood Light adopts integrated die-casting structure design ,which can effectively protect both optical and electrical components , prolong the lamp lifetime and improve the waterproof performance;
- Back side streamline design benefit for air-convection, reducing wind resistance and its heat dissipation;
- High light transmittance ultra-white toughed glass ,light transmittance up to 92%;
- Lamp body is with 500 hours anti-salt spray corrosion spraying treatment ,which can effectively resist UV and harsh environment corrosion, also makes it as an excellent outdoor lighting products;
- Brand LED chip design ,the max power could reach 192W,Efficient and reasonable light distribution technology , a variety of light distribution optional;
- Bracket with dial scale, 0° ~ ± 90° adjustable, suitable for various installation method;
- The whole lamp is with IP 66 waterproof and dust-proof design(No glue) and IK 08 protective design;
- Widely used in high mast lighting , parking lot lighting ,industrial area, factory, construction site lighting ,billboard lighting , city square, airport terminal building ,port and pier ,all kinds of court and other places.



Performance Reliable

High standard ADC12 Aluminum, integrated die- casting technology;
Streamline design on the back side is with self-cleaning function ,
which can avoid accumulation of rain water and fallen leaves ,
reducing the wind resistance.



Angle adjustment

Bracket with dial scale, 0° ~ ± 90° adjustable,
suitable for various installation method.

Technical Data–F.366A

Model	F.366A.10.0110	F.366A.10.0150	F.366A.10.0185
Rated Power	110W	150W	185W
LED Type	3535	3535	3535
LED QTY	48	64	36
CRI	CRI ⩾70	CRI ⩾70	CRI ⩾70
PF	⩾0.9	⩾0.9	⩾0.9
CCT	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K
Beam Angle	9°/25°/40°/60°/90°/10°*40°/T2/T3		
Dimension	L330*W67*H527mm(Without Bracket)/L358*W67*H569mm(With Bracket)		
Weight	9.3KG		
Input Voltage	AC176V~265V 50~60Hz		
THD	MAX 20%		
Control Mode	Single color ON/OFF,RGB,RGBW		
Material	Die-casting Aluminum		
Lifespan	50000H		
Ambient Temperature	-20℃~40℃		
Ambient humidity	10%~95%RH		
Security Level	CLASS I		
Ingress Protection	IP66,IK08		

Light Color / Luminous Flux (lm) / Model	3000K (Single color ON/OFF)	4000K (Single color ON/OFF)	5000K (Single color ON/OFF)	RGB	RGBW
F.366A.10.0110.009	9477	9477	10140	3182	4688
F.366A.10.0110.025	11027	11578	12240	3888	5727
F.366A.10.0110.040	11328	11894	12574	3994	5883
F.366A.10.0110.060	11305	11305	12096	3796	5592
F.366A.10.0110.090	11196	11756	12428	3948	5815
F.366A.10.0110.1040	10080	10610	11215	3563	5248
F.366A.10.0110.0T2	10925	11471	12127	3852	5674
F.366A.10.0110.0T3	10664	11197	11837	3760	5539
F.366A.10.0150.009	12922	12922	13827	/	6392
F.366A.10.0150.025	15035	15787	16689	/	7809
F.366A.10.0150.040	15446	16218	17145	/	8022
F.366A.10.0150.060	15452	15452	16534	/	7643
F.366A.10.0150.090	15115	15871	16778	/	7851
F.366A.10.0150.1040	13713	14435	15258	/	7140
F.366A.10.0150.0T2	14898	15643	16537	/	7738
F.366A.10.0150.0T3	14540	15267	16139	/	7552
F.366A.10.0185.009	15940	15940	17056	/	7883
F.366A.10.0185.025	18547	19474	20587	/	9631
F.366A.10.0185.040	19054	20007	21150	/	9895
F.366A.10.0185.060	19112	19112	20450	/	9452
F.366A.10.0185.090	18645	19577	20696	/	9682
F.366A.10.0185.1040	16939	17831	18847	/	8818
F.366A.10.0185.0T2	18374	19293	20395	/	9541
F.366A.10.0185.0T3	17931	18828	19903	/	9312

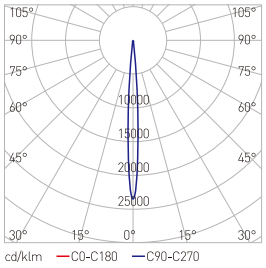
Technical Data–F.366B

Model	F.366B.10.0144	F.366B.10.0192
Rated Power	144W	192W
LED Type	3030	3030
LED QTY	144	192
CRI	CRI ⩾70	CRI ⩾70
PF	⩾0.9	⩾0.9
CCT	3000K/4000K/5000K	3000K/4000K/5000K
Beam Angle	25°/55°/90°/T2/T3	
Dimension	L330*W67*H527mm(Without Bracket)/L358*W67*H569mm(With Bracket)	
Weight	9.3KG	
Input Voltage	AC176V~265V 50~60Hz	
THD	MAX 20%	
Control Mode	Single color ON/OFF	
Material	Die-casting Aluminum	
Lifespan	50000H	
Ambient Temperature	-20℃~40℃	
Ambient humidity	10%~95%RH	
Security Level	CLASS I	
Ingress Protection	IP66,IK08	

Light Color / Luminous Flux (lm) / Model	3000K (Single color ON/OFF)	4000K (Single color ON/OFF)	5000K (Single color ON/OFF)
F.366B.10.0144.025	12695	13651	13651
F.366B.10.0144.055	13332	14336	14336
F.366B.10.0144.090	13309	14311	14311
F.366B.10.0144.0T2	15710	16893	16893
F.366B.10.0144.0T3	15453	16616	16616
F.366B.10.0192.025	17073	18358	18358
F.366B.10.0192.055	17929	19279	19279
F.366B.10.0192.090	17898	19245	19245
F.366B.10.0192.0T2	21182	22776	22776
F.366B.10.0192.0T3	20757	22319	22319

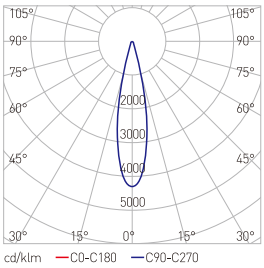
F.366A.10.0185.009.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
10.0	1.0	2687	3935
20.0	2.1	667	977
30.0	3.1	296	433
40.0	4.2	167	244
50.0	5.2	107	157
60.0	6.2	74	109



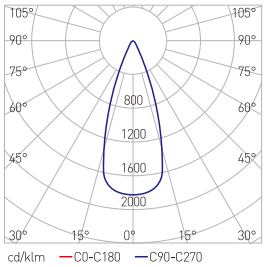
F.366A.10.0185.025.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
5.0	2.3	1963	3547
10.0	4.6	486	873
15.0	6.9	216	386
20.0	9.2	121	217
25.0	11.5	78	139
30.0	13.8	55	96



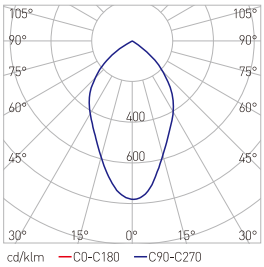
F.366A.10.0185.040.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	2.9	1500	2469
8.0	5.8	372	605
12.0	8.7	164	267
16.0	11.6	93	151
20.0	14.6	60	96
24.0	17.5	41	66



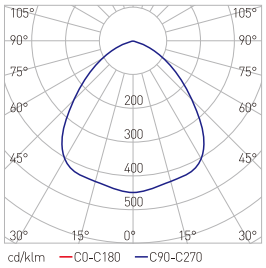
F.366A.10.0185.060.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
2.0	2.3	2022	4271
4.0	4.6	492	1016
6.0	6.9	218	445
8.0	9.2	123	249
10.0	11.5	79	159
12.0	13.8	55	110



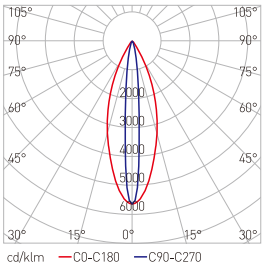
F.366A.10.0185.090.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
2.0	4.0	947	2446
4.0	8.0	235	584
6.0	12.0	104	256
8.0	16.0	59	143
10.0	20.0	38	92
12.0	24.0	26	64



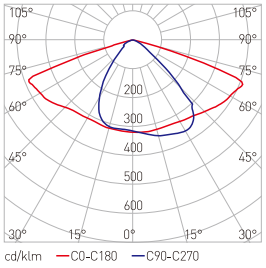
F.366A.10.0185.1040.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
5.0	0.9*3.6	3004	4793
10.0	1.8*7.2	743	1175
15.0	2.7*10.8	330	519
20.0	3.6*14.4	186	291
25.0	4.5*18.0	119	186
30.0	5.4*21.6	83	129

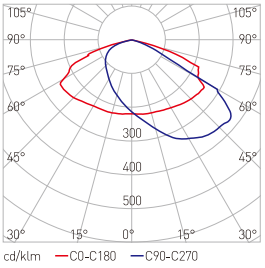


Other light distribution:

T2

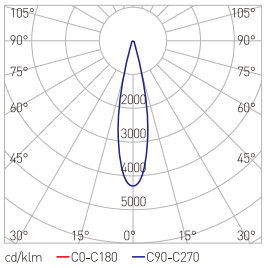


T3



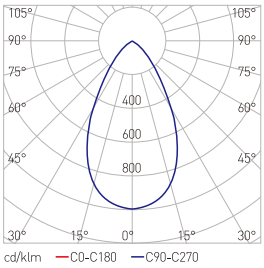
F.366B.10.0144.025.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	1.68	2116	2951
8.0	3.36	529	738
12.0	5.04	235	328
16.0	6.72	132	184
20.0	8.4	85	118
24.0	10.08	59	82



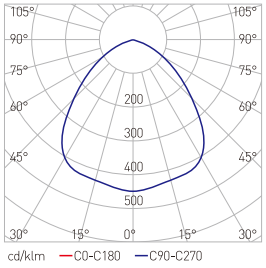
F.366B.10.0144.055.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	3.78	635	963
8.0	7.56	159	241
12.0	11.34	71	107
16.0	15.12	40	60
20.0	18.9	25	39
24.0	22.68	18	27



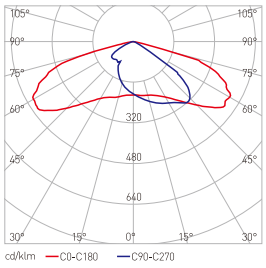
F.366B.10.0144.090.W4.02

H(m)	D(m)	Eav(lx)	Ecen(lx)
4.0	7.8	214	465
8.0	15.6	54	116
12.0	23.4	24	52
16.0	31.2	13	29
20.0	39	19	19
24.0	46.8	6	13

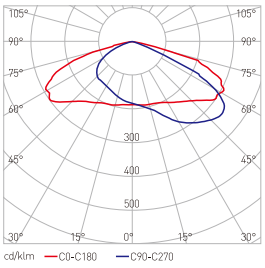


Other light distribution:

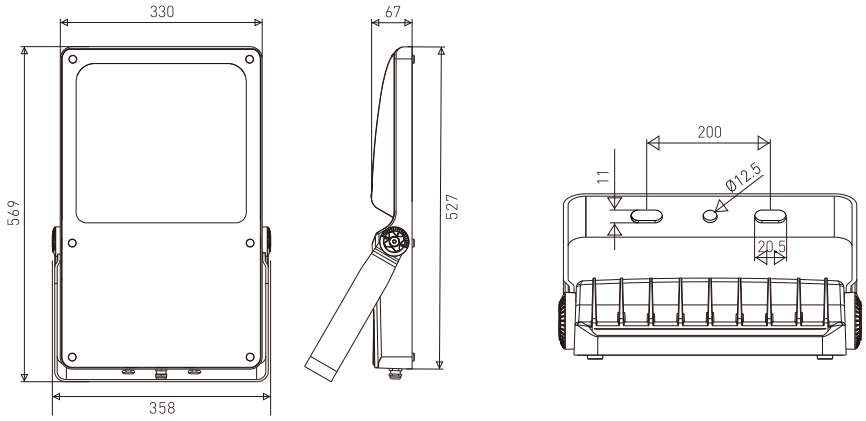
T2



T3



Unit: mm



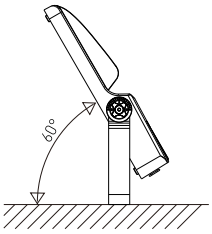
1.Drilling 2 holes on the mounting surface, it is recommended to install and fix with M8 expansion screws .According to the installation position , select different fixing methods as shown below

2.After fixing the lamp ,then adjust the illumination angle ,which can be slightly adjusted as pictures shown below:

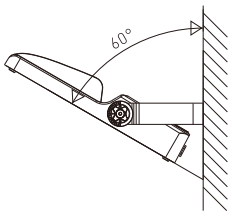
3.Connecting the power cord: According to the different color of the power cord to differentiate the Null wire/ Live wire/ Ground wire.

Attention: It is recommended that the professional electrician installs the lamp to avoid the danger of electric shock.

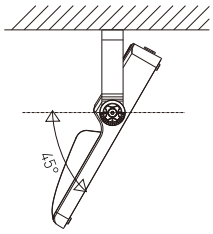
Horizontal Installation



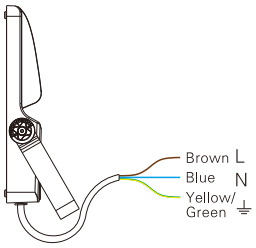
Wall Mounting



Ceiling Installation



Power Wire Connection



Encoding Rule Example:F.366A.10.0185.0T3.W3.02

Product Type	Product Code	Classification	Light Source	Rated Power	Beam angle	Light Color	Input Voltage
F: Flood light	366	A	10: LED	0110: 110W 0150: 150W 0185: 185W	009: 9° 015: 15° 025: 25° 040: 40° 060: 60° 090: 90° 1040: 10°*40° 0T2: T2 0T3: T3	W3: 3000K W4: 4000K W5: 5000K	02: AC176V~265V

Color Options:

C: RGB R: red G: green B: blue Y: yellow A: amber W3: 3000K W4: 4000K W5: 5000K W6: 6500K

GREEN®
www.china-greenlighting.com

Changzhou Green Lighting Co., Ltd.
No.269 Fumin Rd, Economic Development Zone, Changzhou, China
Tel: +86 519 88406000 88411399
Fax: +86 519 88406100
Email: green@china-greenlighting.com