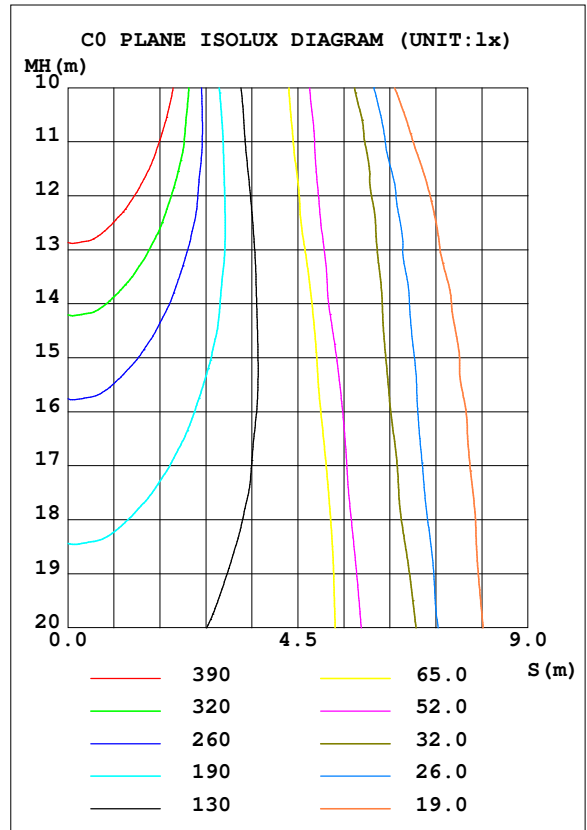
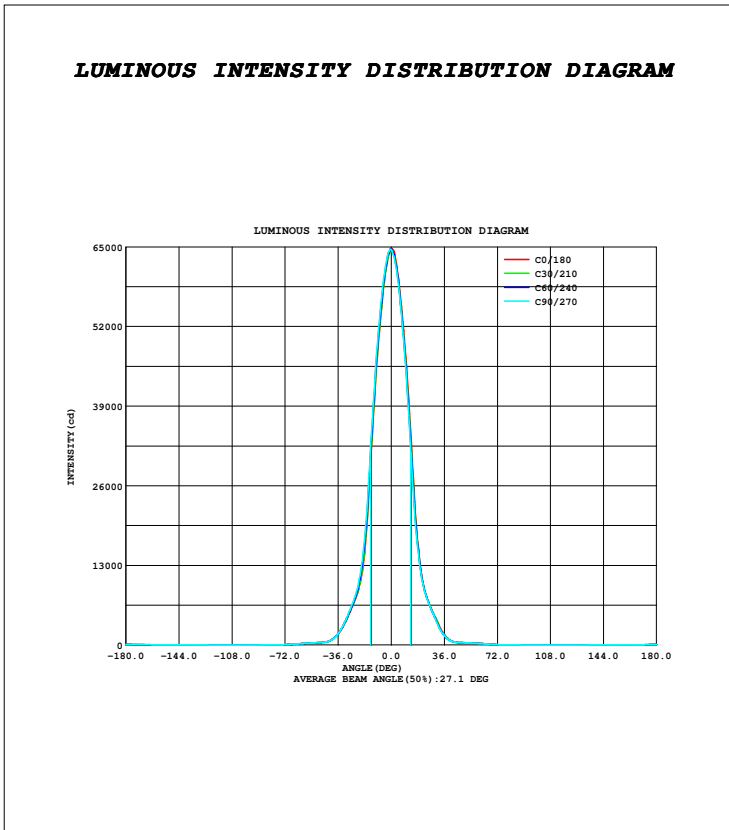


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.45 lm/W			
MODEL	KS-LF200B3030408	I _{max} (cd)	65151	S/MH (C0/180)	0.43
NOMINAL POWER (W)	191.7	LOR (%)	100.0	S/MH (C90/270)	0.45
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	18008	η UP, DN (C0-180)	0.1, 49.0
NOMINAL FLUX (lm)	18005	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 50.9
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	1.00



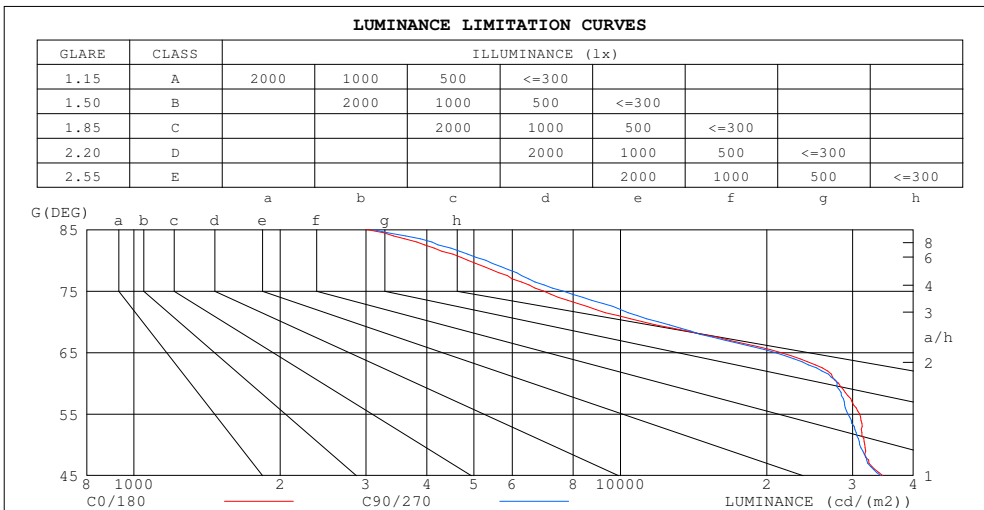
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	5973	5899	5869	5827	5858	5880	5988	6009	0- 5	1476	1476	8.2,8.2
10	4675	4543	4479	4444	4503	4559	4717	4728	5- 10	3737	5213	28.9,29
15	2728	2619	2500	2463	2498	2588	2767	2795	10- 15	4241	9454	52.5,52.5
20	1232	1215	1194	1168	1131	1196	1309	1278	15- 20	2942	12396	68.8,68.8
25	723.2	710.0	711.8	696.6	702.8	725.8	755.2	753.0	20- 25	1932	14328	79.6,79.6
30	454.4	436.2	423.6	413.1	417.5	444.8	459.1	474.4	25- 30	1451	15779	87.6,87.6
35	207.4	192.1	186.3	188.4	208.4	216.8	218.1	207.6	30- 35	919.1	16698	92.7,92.7
40	79.60	72.23	73.08	78.30	92.77	90.33	88.86	80.25	35- 40	443.7	17141	95.2,95.2
45	44.06	41.87	43.66	43.96	46.67	46.61	47.85	45.17	40- 45	214.3	17356	96.4,96.4
50	36.79	34.99	35.91	35.37	37.38	36.79	38.06	36.09	45- 50	161.6	17517	97.3,97.3
55	32.06	31.68	30.29	28.90	29.96	29.83	31.03	30.89	50- 55	145.7	17663	98.1,98.1
60	25.27	25.21	25.12	21.72	22.31	21.75	24.91	24.77	55- 60	125.0	17788	98.8,98.8
65	16.22	15.85	15.80	13.76	13.73	14.19	16.66	16.24	60- 65	96.25	17884	99.3,99.3
70	6.844	6.532	7.350	5.817	5.907	6.168	7.930	7.091	65- 70	52.83	17937	99.6,99.6
75	3.234	3.038	3.548	2.755	2.666	2.917	3.790	3.328	70- 75	24.26	17961	99.7,99.8
80	1.519	1.564	1.652	1.218	1.178	1.399	1.789	1.549	75- 80	11.80	17973	99.8,99.8
85	0.4721	0.4287	0.4870	0.3125	0.2546	0.3325	0.5708	0.4638	80- 85	4.757	17978	99.8,99.8
90	0	0	0	0	0	0	0	0	85- 90	0.7176	17979	99.8,99.9
95	0	0	0	0	0	0	0	0	90- 95	0	17979	99.8,99.9
100	0	0	0	0	0	0	0	0	95-100	0	17979	99.8,99.9
105	0	0	0	0	0	0	0	0	100-105	0	17979	99.8,99.9
110	0	0	0	0	0	0	0	0	105-110	0	17979	99.8,99.9
115	0	0	0	0	0	0	0	0	110-115	0	17979	99.8,99.9
120	0	0	0	0	0	0	0	0	115-120	0	17979	99.8,99.9
125	0	0	0	0	0	0	0.0003	0	120-125	0.0000	17979	99.8,99.9
130	0	0	0	0	0.0246	0.0183	0.0360	0.0240	125-130	0.0136	17979	99.8,99.9
135	0.0654	0.0354	0.0478	0.0476	0.1562	0.0789	0.1333	0.1089	130-135	0.1454	17979	99.8,99.9
140	0.1918	0.1552	0.2038	0.1860	0.3727	0.2171	0.3613	0.2710	135-140	0.5867	17979	99.8,99.9
145	0.3539	0.2936	0.4493	0.3653	0.6553	0.4464	0.7104	0.5240	140-145	1.196	17981	99.8,99.9
150	0.5939	0.6055	0.9604	0.8389	1.130	0.8757	1.423	0.9404	145-150	2.007	17983	99.9,99.9
155	1.440	1.192	1.832	1.739	2.512	1.774	2.875	1.819	150-155	3.565	17986	99.9,99.9
160	2.371	2.184	2.924	2.729	3.964	2.980	4.503	2.814	155-160	5.400	17992	99.9,99.9
165	3.339	2.990	3.981	3.814	4.847	3.996	5.799	3.682	160-165	6.084	17998	99.9,100
170	4.288	3.774	4.809	4.451	5.603	4.910	6.509	4.696	165-170	5.519	18003	100,100
175	5.237	4.611	5.677	5.135	6.202	5.420	6.658	5.426	170-175	3.801	18007	100,100
180	6.155	5.279	6.799	5.567	6.155	5.987	6.676	5.561	175-180	1.431	18008	100,100
DEG	LUMINOUS INTENSITY: *10cd								UNIT: lm			



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3009	3104
80	4860	5287
75	6941	7615
70	11116	11940
65	21317	20764
60	28079	27911
55	31054	29337
50	31794	31041
45	34614	34299

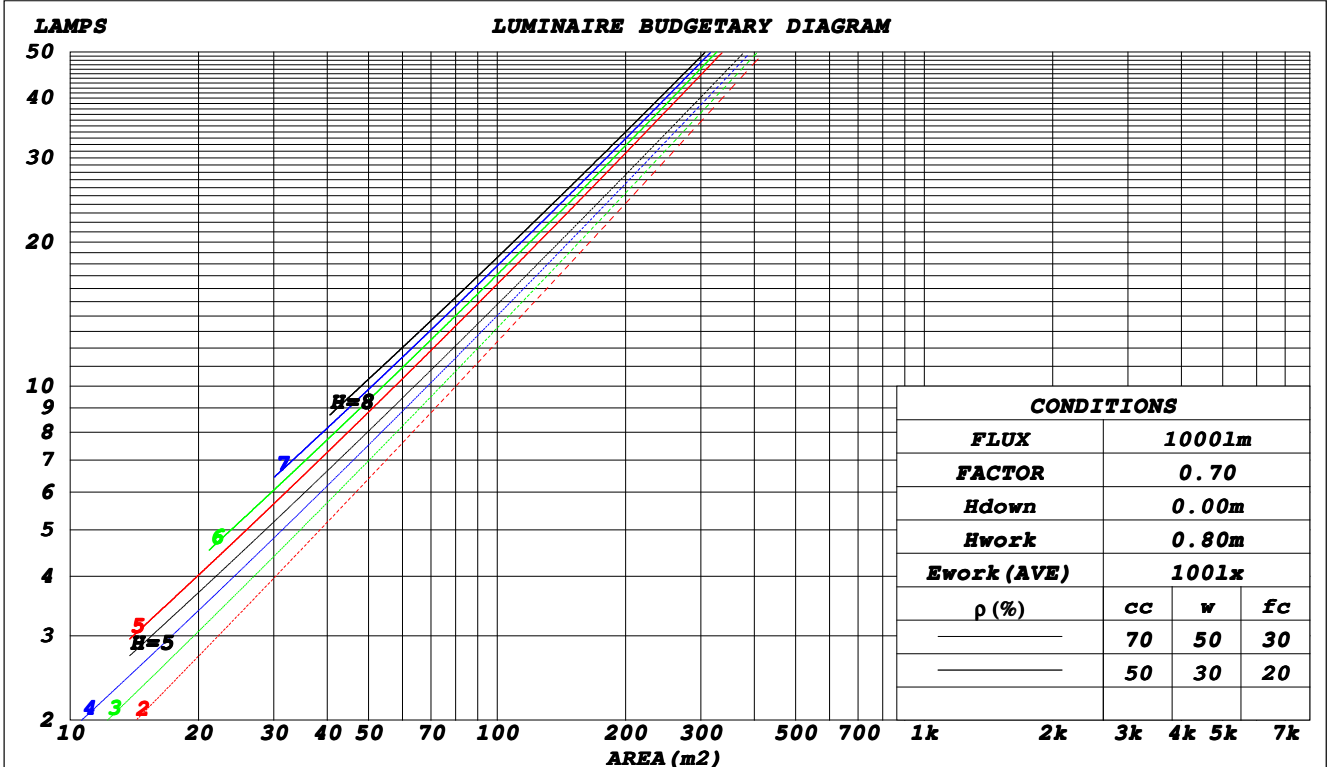
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.92	.88	.95	.91	.88	.93	.89	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.92	.87	.84	.91	.87	.83	.89	.85	.83	.88	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.83	.80	.78	.77
7.0	.85	.80	.77	.84	.80	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
8.0	.81	.77	.74	.81	.77	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.71
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.77	.73	.70	.76	.73	.70	.69
10.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.151	.086	.027	.145	.083	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021	
2.0	.142	.078	.024	.136	.075	.023	.126	.070	.022	.116	.065	.020	.108	.061	.019	
3.0	.133	.071	.021	.129	.069	.021	.120	.065	.020	.112	.061	.019	.104	.058	.018	
4.0	.125	.065	.019	.121	.064	.019	.114	.060	.018	.107	.057	.017	.101	.055	.017	
5.0	.118	.060	.017	.115	.059	.017	.109	.057	.017	.103	.054	.016	.097	.052	.016	
6.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.098	.051	.015	.094	.049	.015	
7.0	.106	.053	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	.090	.047	.014	
8.0	.101	.050	.014	.099	.049	.014	.095	.047	.014	.091	.046	.013	.087	.045	.013	
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.087	.044	.013	.084	.043	.012	
10.0	.093	.044	.012	.091	.044	.012	.088	.043	.012	.084	.042	.012	.081	.041	.012	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.171	.159	.148	.146	.136	.128	.100	.094	.088	.057	.054	.051	.018	.017	.017	
2.0	.154	.134	.117	.132	.115	.102	.090	.080	.071	.052	.046	.042	.017	.015	.014	
3.0	.139	.115	.095	.120	.099	.082	.082	.069	.058	.047	.040	.034	.015	.013	.011	
4.0	.128	.100	.078	.110	.086	.068	.075	.060	.048	.044	.035	.028	.014	.011	.009	
5.0	.118	.087	.065	.101	.076	.057	.070	.053	.040	.040	.031	.024	.013	.010	.008	
6.0	.109	.078	.055	.094	.067	.048	.065	.047	.034	.038	.028	.020	.012	.009	.007	
7.0	.102	.070	.047	.088	.060	.041	.061	.042	.029	.035	.025	.017	.011	.008	.006	
8.0	.096	.063	.041	.082	.055	.036	.057	.038	.025	.033	.023	.015	.011	.007	.005	
9.0	.090	.058	.036	.078	.050	.031	.054	.035	.022	.031	.021	.013	.010	.007	.004	
10.0	.085	.053	.031	.073	.046	.027	.051	.032	.019	.030	.019	.012	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm										
NAME: LED FLOOD LIGHT					TYPE:KS-LF200B3030408			WEIGHT:		
SPEC.:					DIM.: L432*W413*H75mm			SERIAL No.:KS-LF200B3030408		
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd					SUR.:0.018			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	19.0	19.8	19.3	19.9	20.1	18.7	19.4	18.9	19.6	19.8
3H	19.2	19.9	19.5	20.1	20.3	18.9	19.6	19.1	19.8	20.0
4H	19.2	19.8	19.5	20.1	20.3	18.9	19.5	19.2	19.8	20.0
6H	19.1	19.8	19.4	20.0	20.2	18.8	19.5	19.1	19.7	19.9
8H	19.1	19.7	19.4	19.9	20.2	18.8	19.4	19.1	19.7	19.9
12H	19.1	19.6	19.4	19.9	20.2	18.8	19.3	19.1	19.6	19.9
4H 2H	19.1	19.8	19.4	20.0	20.2	18.8	19.5	19.1	19.7	19.9
3H	19.3	19.9	19.7	20.2	20.5	19.1	19.6	19.4	19.9	20.2
4H	19.3	19.8	19.7	20.1	20.4	19.1	19.6	19.4	19.9	20.2
6H	19.3	19.7	19.6	20.1	20.4	19.0	19.5	19.4	19.8	20.1
8H	19.2	19.7	19.6	20.0	20.4	19.0	19.4	19.4	19.8	20.1
12H	19.2	19.6	19.6	19.9	20.3	18.9	19.3	19.3	19.7	20.1
8H 4H	19.2	19.6	19.6	20.0	20.4	18.9	19.4	19.3	19.7	20.1
6H	19.2	19.5	19.6	19.9	20.3	18.9	19.3	19.3	19.7	20.1
8H	19.1	19.4	19.6	19.9	20.3	18.9	19.2	19.3	19.6	20.0
12H	19.1	19.3	19.5	19.8	20.3	18.8	19.1	19.3	19.5	20.0
12H 4H	19.2	19.6	19.6	19.9	20.3	18.9	19.3	19.3	19.7	20.1
6H	19.1	19.4	19.6	19.8	20.3	18.9	19.2	19.3	19.6	20.0
8H	19.1	19.3	19.5	19.8	20.3	18.8	19.1	19.3	19.5	20.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.9 / - 1.5					+ 1.6 / - 1.4				
1.5H	+ 3.4 / - 1.7					+ 2.9 / - 1.4				
2.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.6				

CIE Pub.117 Corrected 18005 lm Total Lamp Luminous Flux. (8log(F/F0) = 10.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.6DEG
 Operators: GANG YU
 Test Date: 2015-07-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
 Humidity: 49.9%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	82	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	82
1.00	100	95	91	99	94	91	98	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

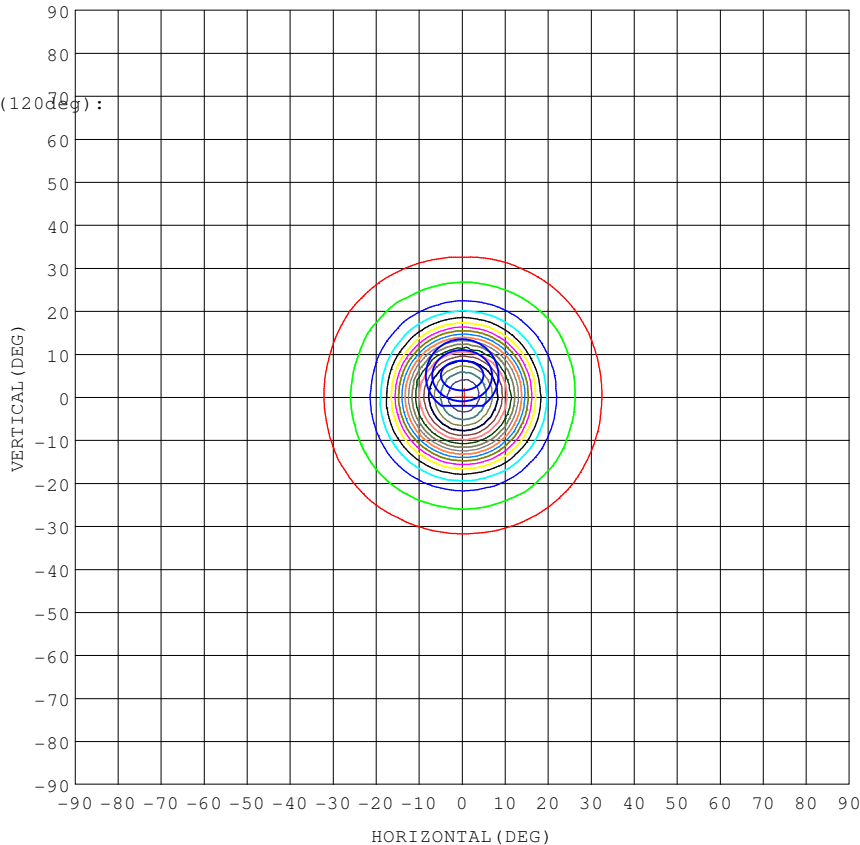
Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Conical surface Flux(90deg):

17356 lm
 %lum = 96.4%
 %lamp = 96.4%

Conical surface Flux(120deg):

17788 lm
 %lum = 98.8%
 %lamp = 98.8%



1. AVG=58039,MIN=51399
2. AVG=55943,MIN=43212
3. AVG=53117,MIN=33936

Imax:64724 (H0.5,V0.0)
 (At:C=355.0,Gamma=0.5)
 UNIT: cd

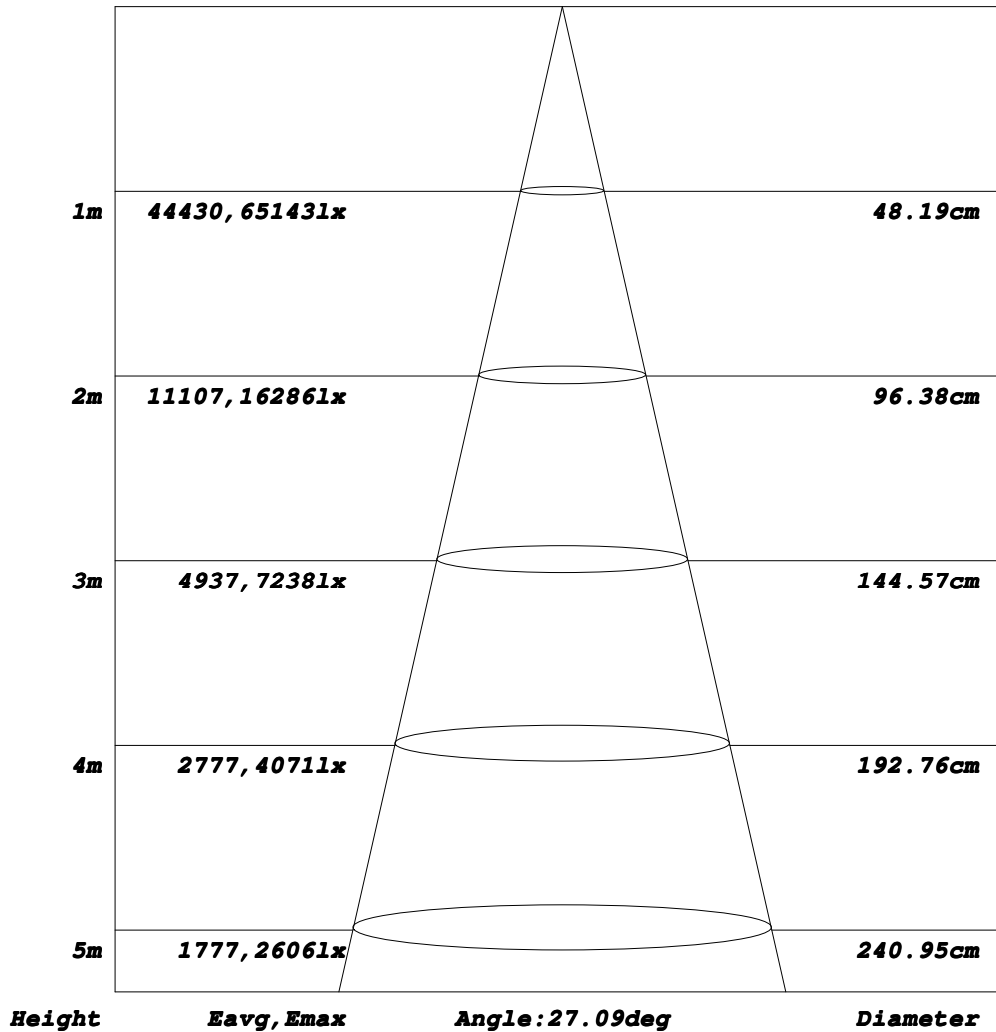
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Flux out:8677 lm



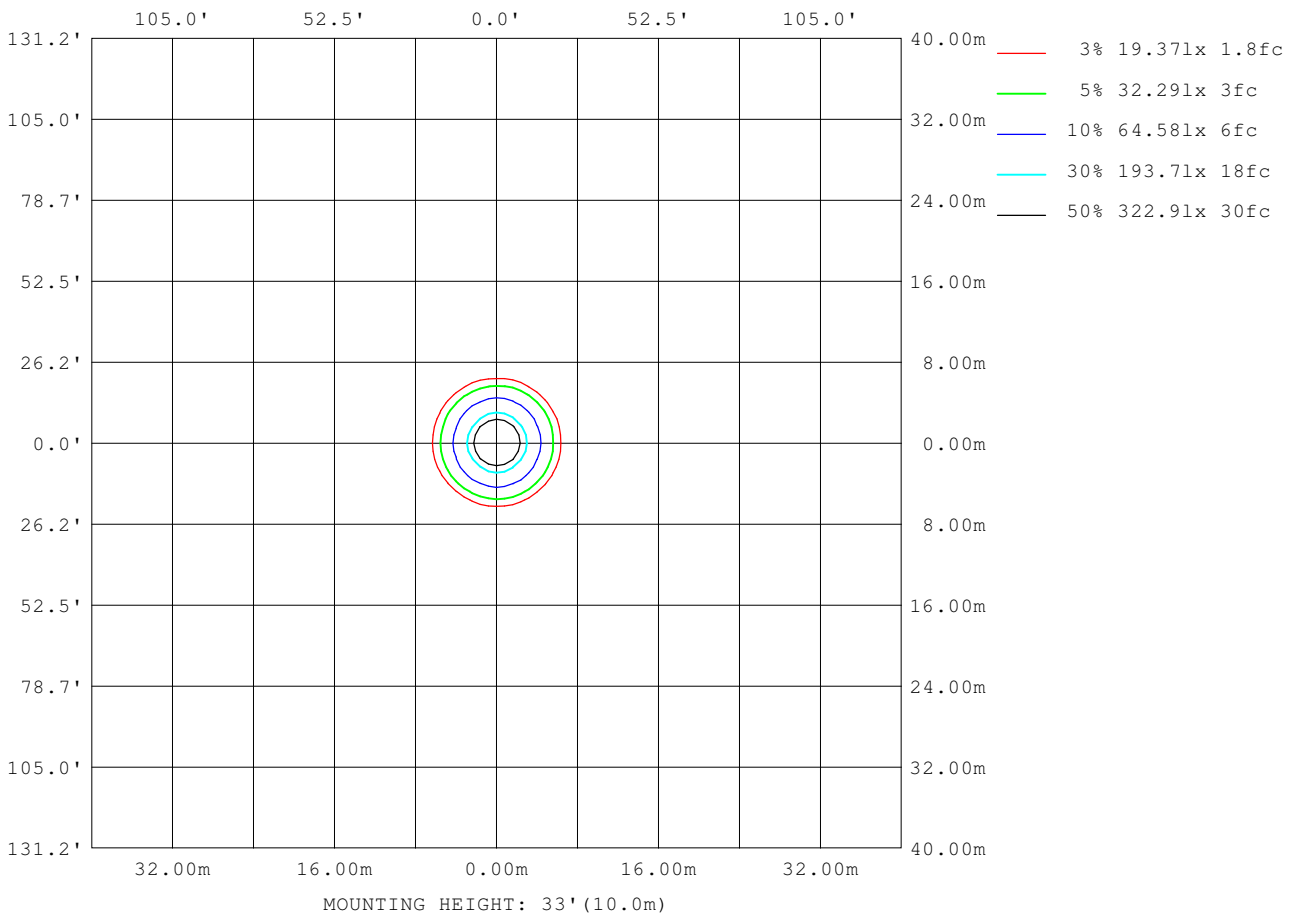
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators:GANG YU
Test Date:2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance:26.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

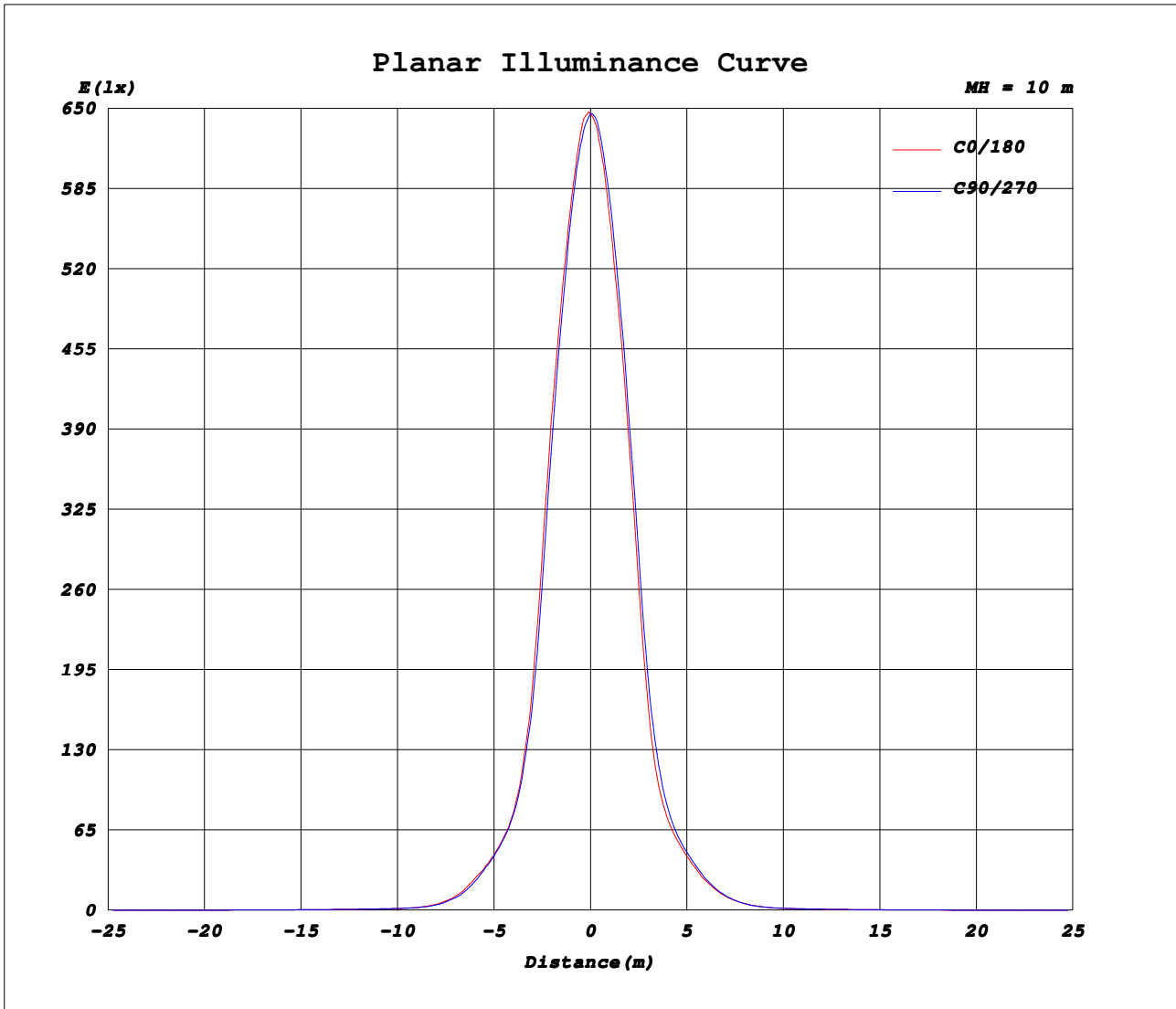
AvgL	cd/m2
L_0~180 (65) av	19684
L_0~180 (75) av	6332
L_0~180 (85) av	2316
L_90~270 (65) av	21329
L_90~270 (75) av	7875
L_90~270 (85) av	3371
L_45 (65) av	19731
L_45 (75) av	6460
L_45 (85) av	2450

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	6458	6431	6465	6452	6443	6417	6434	6473	6410	6434	6483	6456	6477	6471	6428	6447	6458	6464	6458
5	5973	5947	5963	5944	5919	5906	5922	5928	5892	5899	5928	5910	5917	5901	5912	5877	5884	5886	5869
10	4675	4638	4639	4622	4616	4593	4589	4596	4563	4543	4577	4543	4544	4539	4518	4514	4497	4510	4479
15	2728	2718	2704	2700	2683	2661	2663	2672	2648	2619	2627	2619	2601	2586	2556	2556	2537	2519	2500
20	1232	1222	1210	1227	1222	1214	1225	1231	1220	1215	1225	1224	1222	1212	1210	1198	1195	1203	1194
25	723	722	718	718	711	716	721	726	714	710	720	726	717	708	715	707	706	713	712
30	454	450	453	445	444	447	447	447	439	436	437	438	429	430	429	425	424	422	424
35	207	203	209	205	202	197	194	196	195	192	192	190	188	186	186	185	185	186	186
40	79.6	79.2	78.8	78.5	76.9	75.2	74.4	74.1	73.6	72.2	72.0	72.0	72.2	71.9	72.1	72.2	72.7	72.8	73.1
45	44.1	43.1	43.5	43.4	42.6	42.2	42.0	42.3	41.9	41.9	42.4	42.5	42.4	42.4	42.3	43.0	43.3	43.5	43.7
50	36.8	36.2	36.2	36.0	36.0	35.5	35.3	35.5	35.0	35.0	35.3	35.3	35.1	35.0	35.3	35.6	35.9	36.0	35.9
55	32.1	31.9	32.0	31.8	31.5	31.3	31.5	31.8	31.5	31.7	31.3	31.1	30.7	30.6	30.6	30.5	30.5	30.6	30.3
60	25.3	25.1	25.2	25.1	25.1	25.0	25.4	25.6	25.0	25.2	25.0	24.8	24.6	24.5	24.3	24.2	25.1	25.2	25.1
65	16.2	16.2	16.1	15.9	16.0	16.0	16.1	16.2	15.9	15.9	15.9	15.7	15.5	15.6	15.7	15.5	15.6	15.8	15.8
70	6.84	7.02	6.68	6.54	6.52	6.56	6.61	6.68	6.62	6.53	6.52	6.55	6.63	7.01	7.11	6.95	7.21	7.37	7.35
75	3.23	3.24	3.32	3.38	3.14	3.41	3.40	3.25	3.13	3.04	3.02	3.03	3.07	3.18	3.20	3.31	3.48	3.57	3.55
80	1.52	1.51	1.51	1.51	1.55	1.47	1.45	1.46	1.46	1.56	1.44	1.45	1.46	1.49	1.50	1.53	1.60	1.65	1.65
85	0.47	0.47	0.47	0.45	0.45	0.44	0.44	0.44	0.44	0.43	0.42	0.42	0.42	0.43	0.43	0.44	0.47	0.49	0.49
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.07	0.07	0.02	0.04	0.04	0.04	0.00	0.00	0.01	0.04	0.05	0.06	0.07	0.07	0.07	0.07	0.07	0.06	0.05
140	0.19	0.20	0.15	0.17	0.20	0.20	0.14	0.07	0.13	0.16	0.17	0.19	0.22	0.23	0.25	0.24	0.24	0.20	0.20
145	0.35	0.36	0.33	0.37	0.41	0.43	0.41	0.27	0.23	0.29	0.34	0.38	0.44	0.47	0.50	0.50	0.49	0.47	0.45
150	0.59	0.63	0.48	0.69	0.78	0.83	0.80	0.71	0.56	0.61	0.69	0.81	0.92	1.01	1.04	1.05	1.02	0.99	0.96
155	1.44	1.63	1.29	1.36	1.61	1.69	1.75	1.70	1.25	1.19	1.42	1.58	1.82	1.95	2.02	2.02	1.98	1.93	1.83
160	2.37	2.66	2.44	2.36	2.61	2.77	2.93	2.87	2.42	2.18	2.13	2.44	2.76	2.97	3.13	3.10	3.07	2.89	2.92
165	3.34	3.64	3.59	3.26	3.54	3.89	4.02	4.00	3.68	2.99	2.78	3.49	3.75	3.97	4.12	4.12	4.04	4.08	3.98
170	4.29	4.60	4.63	4.03	4.43	4.87	5.02	4.87	4.62	3.77	3.63	4.28	4.55	4.79	4.90	4.90	4.86	4.85	4.81
175	5.24	5.40	5.35	4.79	5.38	5.74	5.94	5.86	5.36	4.61	4.54	4.93	5.16	5.40	5.63	5.84	5.87	5.87	5.68
180	6.15	6.21	5.67	5.88	6.08	6.35	6.44	6.38	5.98	5.28	5.22	5.44	5.57	5.93	6.11	6.18	6.36	6.66	6.80

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	6446	6460	6470	6479	6474	6450	6444	6472	6458	6482	6449	6431	6459	6442	6465	6428	6465	6458	6431
5	5859	5835	5849	5882	5841	5830	5834	5841	5827	5819	5837	5817	5825	5817	5830	5805	5827	5858	5772
10	4486	4482	4475	4470	4449	4434	4447	4448	4444	4450	4465	4452	4458	4458	4477	4461	4502	4503	4532
15	2496	2490	2489	2488	2471	2454	2458	2465	2463	2457	2454	2462	2478	2466	2471	2460	2520	2498	2486
20	1187	1208	1186	1190	1183	1175	1175	1181	1168	1163	1156	1153	1149	1140	1138	1130	1131	1131	1124
25	706	698	703	697	707	701	702	704	697	700	698	693	693	693	693	696	697	703	696
30	420	414	416	412	409	402	410	409	413	413	411	414	418	419	418	420	424	418	428
35	186	185	183	185	185	185	188	186	188	190	191	194	201	202	206	206	209	208	211
40	73.4	73.2	73.7	73.7	74.2	74.6	75.6	76.8	78.3	79.4	81.5	82.9	85.7	87.2	88.0	89.1	90.5	92.8	92.6
45	43.6	43.8	43.7	43.6	43.5	43.3	43.5	43.9	44.0	44.4	44.6	44.9	45.4	45.7	46.0	45.8	46.2	46.7	46.8
50	35.7	35.4	35.6	35.3	35.5	35.4	35.3	35.1	35.4	35.6	35.9	35.9	36.4	36.4	36.5	36.5	36.5	37.4	37.1
55	30.2	29.7	29.5	29.2	29.2	29.0	28.8	28.7	28.9	29.0	29.1	29.0	29.2	29.3	29.1	29.2	29.4	30.0	29.7
60	24.5	23.8	23.3	22.8	22.5	22.2	21.8	21.7	21.7	21.5	21.7	21.6	21.6	21.5	21.7	21.8	21.8	22.3	21.9
65	15.6	15.3	15.0	14.7	14.2	13.8	13.8	13.7	13.8	13.8	13.9	13.8	13.9	13.9	13.8	13.6	13.6	13.7	13.8
70	7.24	6.96	6.75	6.74	6.29	6.06	5.90	5.86	5.82	5.86	5.86	5.78	5.69	5.61	5.71	5.76	5.85	5.91	5.95
75	3.48	3.26	3.09	3.00	2.85	2.77	2.73	2.71	2.76	2.72	2.76	2.77	2.71	2.62	2.72	2.59	2.59	2.67	2.66
80	1.61	1.52	1.41	1.36	1.32	1.27	1.23	1.29	1.22	1.17	1.16	1.15	1.18	1.14	1.14	1.13	1.14	1.18	1.17
85	0.48	0.44	0.39	0.37	0.35	0.33	0.32	0.31	0.31	0.30	0.30	0.30	0.29	0.28	0.28	0.29	0.29	0.25	0.26
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
135	0.04	0.05	0.05	0.05	0.05	0.06	0.04	0.05	0.05	0.04	0.04	0.04	0.07	0.04	0.03	0.07	0.07	0.16	0.17
140	0.20	0.20	0.20	0.20	0.21	0.20	0.20	0.20	0.19	0.19	0.20	0.26	0.27	0.19	0.18	0.21	0.23	0.37	0.38
145	0.44	0.43	0.43	0.43	0.43	0.41	0.41	0.41	0.37	0.41	0.48	0.55	0.51	0.38	0.36	0.40	0.39	0.66	0.60
150	0.91	0.90	0.90	0.90	0.89	0.88	0.86	0.79	0.84	0.93	1.07	1.11	1.02	0.87	0.78	0.78	0.66	1.13	0.89
155	1.85	1.84	1.80	1.80	1.86	1.81	1.63	1.58	1.74	1.97	2.21	2.19	1.80	1.80	1.77	1.91	1.68	2.51	2.17
160	2.90	2.87	2.84	2.89	2.90	2.70	2.34	2.48	2.73	3.16	3.39	3.16	2.80	2.75	2.85	2.93	2.66	3.96	3.64
165	3.97	3.98	3.96	4.02	4.04	3.63	3.10	3.38	3.81	4.29	4.53	3.72	3.80	3.64	3.83	3.72	3.58	4.85	4.67
170	4.78	4.73	4.80	4.81	4.78	4.18	3.67	4.04	4.45	4.99	4.85	4.58	4.30	4.30	4.57	4.53	4.41	5.60	5.55
175	5.70	5.90	5.88	5.68	5.56	4.97	4.65	4.89	5.13	5.52	5.66	5.75	5.50	5.11	5.11	5.01	5.26	6.20	6.21
180	6.70	6.59	6.63	6.58	6.48	6.14	5.68	5.58	5.57	6.07	6.66	6.48	6.38	6.14	6.12	6.17	6.33	6.15	6.13

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Table--3

UNIT: ×10cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	6465	6452	6443	6417	6434	6473	6410	6434	6483	6456	6477	6471	6428	6447	6458	6464	6458	6446	6460
5	5850	5849	5854	5833	5871	5882	5859	5880	5915	5920	5925	5932	5948	5930	5963	5979	5988	5983	5969
10	4527	4521	4531	4497	4523	4569	4533	4559	4596	4608	4623	4628	4640	4645	4664	4694	4717	4702	4668
15	2515	2516	2527	2552	2561	2574	2567	2588	2628	2637	2655	2671	2699	2714	2720	2742	2767	2769	2771
20	1128	1136	1146	1160	1166	1176	1184	1196	1230	1234	1229	1245	1269	1274	1276	1293	1309	1297	1300
25	695	701	700	713	712	724	716	726	736	738	732	728	735	739	746	753	755	753	751
30	417	417	419	434	439	450	446	445	448	451	444	452	453	455	458	459	459	461	466
35	212	212	212	214	215	219	217	217	217	220	221	220	219	221	219	219	218	219	221
40	92.7	91.8	92.3	91.9	91.7	92.3	90.5	90.3	91.0	90.0	90.3	90.2	90.4	90.2	89.4	90.0	88.9	89.2	88.6
45	46.4	46.5	46.9	47.0	47.1	47.0	46.7	46.6	46.7	46.4	46.3	46.8	47.0	47.1	47.3	47.7	47.8	47.9	47.6
50	36.9	37.3	38.0	37.6	37.7	37.7	37.0	36.8	36.9	37.0	37.1	37.2	37.2	37.1	37.0	38.0	38.1	38.1	38.0
55	29.6	29.8	30.2	30.1	30.4	30.6	30.1	29.8	30.0	30.2	30.3	30.4	30.5	30.3	30.4	30.7	31.0	31.4	31.3
60	21.9	22.0	21.7	21.7	21.8	21.9	21.7	21.8	21.9	22.2	22.4	22.6	22.9	23.1	23.9	24.4	24.9	25.0	24.7
65	14.0	14.2	14.2	14.2	14.2	14.4	14.2	14.2	14.2	14.3	14.5	14.6	15.1	15.4	15.9	16.5	16.7	16.5	16.4
70	5.84	5.74	5.79	5.91	6.01	6.14	6.15	6.17	6.26	6.36	6.54	7.02	7.17	7.25	7.60	7.90	7.93	7.92	7.68
75	2.68	2.78	2.66	2.84	2.85	2.89	2.94	2.92	2.90	2.94	3.04	3.14	3.27	3.39	3.66	3.82	3.79	3.76	3.62
80	1.15	1.18	1.22	1.22	1.23	1.26	1.27	1.40	1.31	1.31	1.35	1.39	1.46	1.57	1.70	1.76	1.79	1.80	1.70
85	0.26	0.27	0.27	0.28	0.30	0.30	0.32	0.33	0.33	0.36	0.37	0.39	0.43	0.46	0.53	0.56	0.57	0.57	0.53
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.04	0.03	0.03	0.03	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.04
135	0.15	0.14	0.14	0.14	0.10	0.10	0.09	0.08	0.09	0.08	0.10	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16
140	0.36	0.31	0.34	0.35	0.29	0.25	0.22	0.22	0.22	0.22	0.22	0.24	0.25	0.26	0.29	0.31	0.36	0.39	0.42
145	0.63	0.57	0.56	0.66	0.58	0.49	0.44	0.45	0.45	0.45	0.46	0.48	0.49	0.52	0.55	0.63	0.71	0.77	0.79
150	1.08	1.12	1.06	1.17	1.12	0.98	0.90	0.88	0.89	0.90	0.92	0.97	1.00	1.03	1.15	1.31	1.42	1.50	1.51
155	2.51	2.30	2.24	2.03	2.23	2.06	1.84	1.77	1.79	1.84	1.85	1.92	2.02	2.15	2.37	2.65	2.87	2.94	2.93
160	3.75	3.81	3.53	3.41	3.44	3.58	3.18	2.98	3.00	3.07	3.04	3.15	3.34	3.57	3.97	4.35	4.50	4.65	4.66
165	4.30	4.87	4.46	4.42	4.27	4.56	4.39	4.00	3.93	4.02	4.05	4.14	4.41	4.67	5.23	5.61	5.80	5.85	5.81
170	5.09	5.47	5.46	5.05	5.09	5.28	5.06	4.91	4.63	4.59	4.67	4.79	5.17	5.38	5.78	6.20	6.51	6.59	6.53
175	6.17	5.67	6.00	5.66	5.88	6.17	5.85	5.42	5.21	5.09	5.12	5.24	5.62	6.00	6.20	6.46	6.66	6.87	7.03
180	6.23	5.73	5.90	6.07	6.36	6.49	6.33	5.99	5.31	5.26	5.43	5.56	5.93	6.12	6.23	6.39	6.68	6.80	6.79

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.3V I:1.589A P:188.7W PF:0.9946 Lamp Flux:18005x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B3030408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B3030408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Table--4

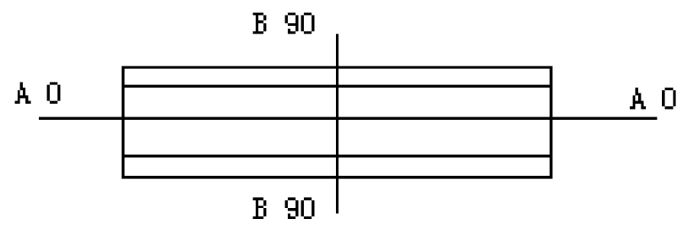
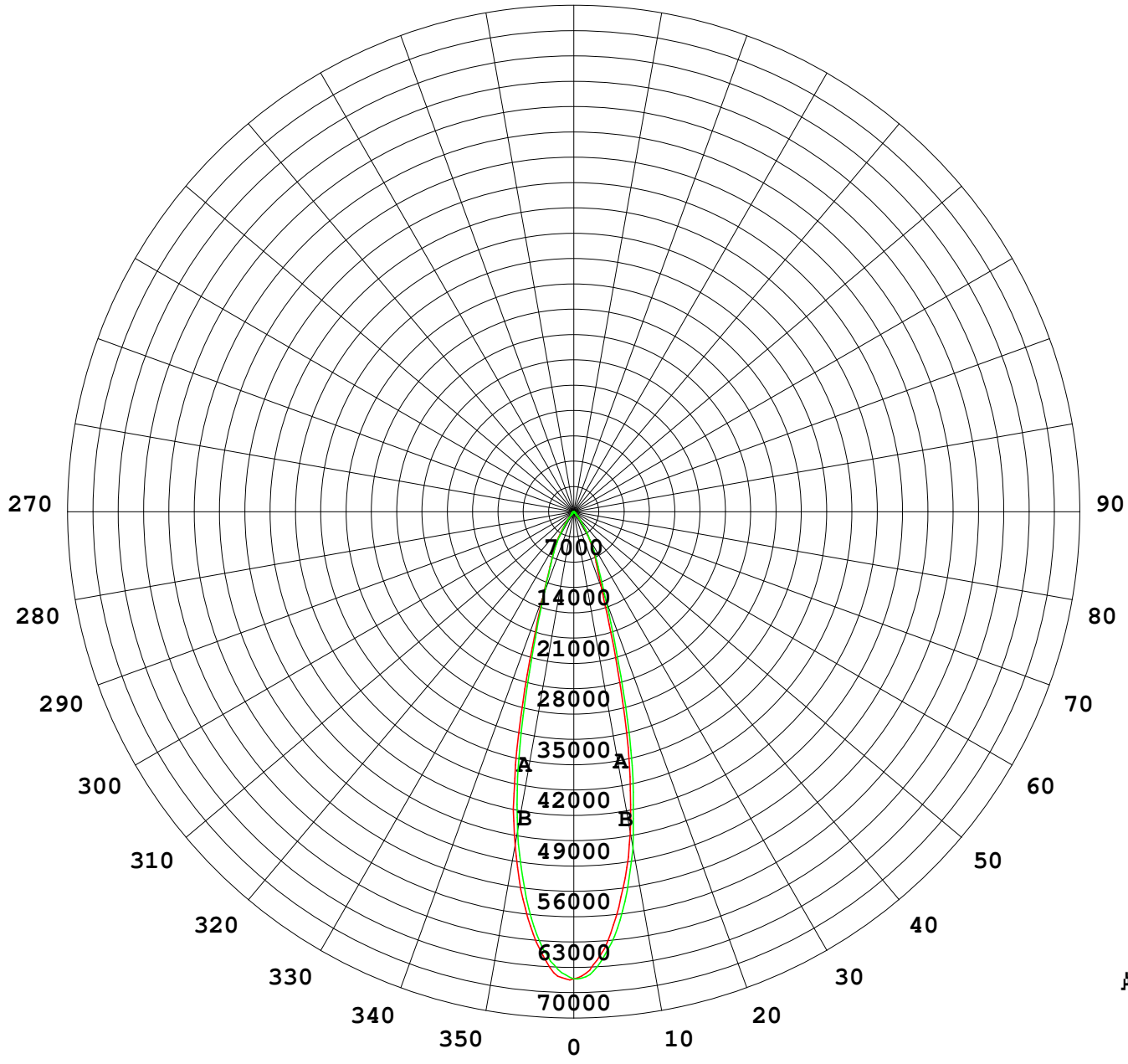
UNIT: x10cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	6470	6479	6474	6450	6444	6472	6458	6482	6449	6431	6459	6442	6465	6428	6465				
5	6008	6017	6010	6002	6008	6025	6009	5980	6017	5984	5986	5981	5993	5949	5979				
10	4737	4741	4723	4716	4727	4752	4728	4729	4730	4712	4701	4692	4719	4675	4712				
15	2794	2794	2808	2799	2809	2819	2795	2802	2784	2792	2788	2777	2780	2768	2754				
20	1300	1306	1306	1298	1291	1291	1278	1276	1270	1259	1245	1241	1245	1229	1210				
25	754	755	756	756	755	757	753	756	757	750	742	735	743	731	722				
30	470	475	470	473	475	477	474	476	476	472	470	462	461	460	458				
35	218	218	214	213	211	210	208	207	210	208	211	210	209	210	209				
40	87.0	84.9	82.8	82.1	80.6	81.2	80.2	79.5	80.0	79.2	80.1	79.9	80.5	80.1	80.1				
45	47.1	46.4	45.9	45.8	45.6	45.0	45.2	44.9	44.9	44.6	44.6	44.3	44.4	44.3	44.2				
50	37.4	37.0	36.8	36.7	36.3	36.0	36.1	36.2	36.5	36.7	37.1	37.0	37.0	37.1	37.0				
55	30.7	30.4	30.8	30.6	30.4	30.7	30.9	31.1	31.4	31.5	31.9	31.9	32.1	32.1	32.1				
60	24.0	23.9	24.2	24.2	24.1	24.4	24.8	25.1	25.2	25.4	25.4	25.2	25.3	25.4	25.6				
65	16.3	16.1	15.9	15.8	15.9	16.1	16.2	16.4	16.4	16.5	16.6	16.5	16.5	16.5	16.6				
70	7.64	7.62	7.30	7.17	7.10	7.10	7.09	7.19	7.15	7.11	7.03	6.96	7.02	7.25	7.17				
75	3.49	3.46	3.37	3.31	3.29	3.27	3.33	3.46	3.46	3.52	3.41	3.41	3.56	3.30	3.30				
80	1.64	1.62	1.59	1.58	1.55	1.68	1.55	1.55	1.55	1.58	1.68	1.59	1.55	1.52	1.53				
85	0.49	0.48	0.47	0.46	0.46	0.46	0.46	0.48	0.47	0.49	0.49	0.49	0.47	0.46	0.46				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
130	0.04	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.02				
135	0.16	0.17	0.16	0.15	0.14	0.13	0.11	0.10	0.07	0.06	0.08	0.09	0.10	0.10	0.12				
140	0.42	0.42	0.39	0.37	0.34	0.31	0.27	0.24	0.19	0.21	0.25	0.25	0.24	0.23	0.29				
145	0.79	0.77	0.74	0.68	0.63	0.57	0.52	0.46	0.41	0.47	0.53	0.50	0.49	0.44	0.52				
150	1.49	1.45	1.37	1.26	1.13	1.02	0.94	0.85	0.82	0.96	0.97	0.98	0.91	0.75	0.93				
155	2.89	2.77	2.64	2.45	2.24	1.99	1.82	1.64	1.79	2.06	2.01	2.02	1.95	1.71	2.13				
160	4.57	4.43	4.19	3.94	3.74	3.31	2.81	2.89	3.37	3.61	3.60	3.47	3.28	2.82	3.57				
165	5.78	5.63	5.49	5.27	5.05	4.47	3.68	3.99	4.70	4.97	5.00	4.74	4.52	4.09	4.70				
170	6.54	6.54	6.50	6.27	5.87	5.59	4.70	4.66	5.45	6.17	6.13	5.83	5.62	5.00	5.68				
175	7.05	6.88	6.82	6.69	6.37	6.07	5.43	4.93	5.96	6.86	6.83	6.47	6.33	5.65	6.34				
180	6.68	6.72	6.64	6.59	6.09	5.73	5.56	5.56	6.16	6.75	6.64	6.45	6.17	5.99	6.18				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: GANG YU
Test Date: 2015-07-30

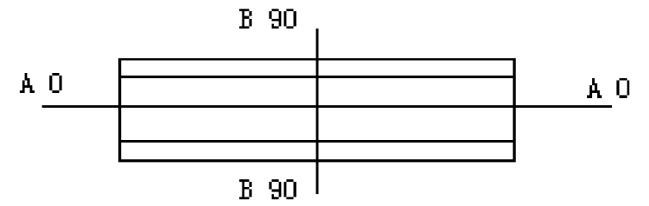
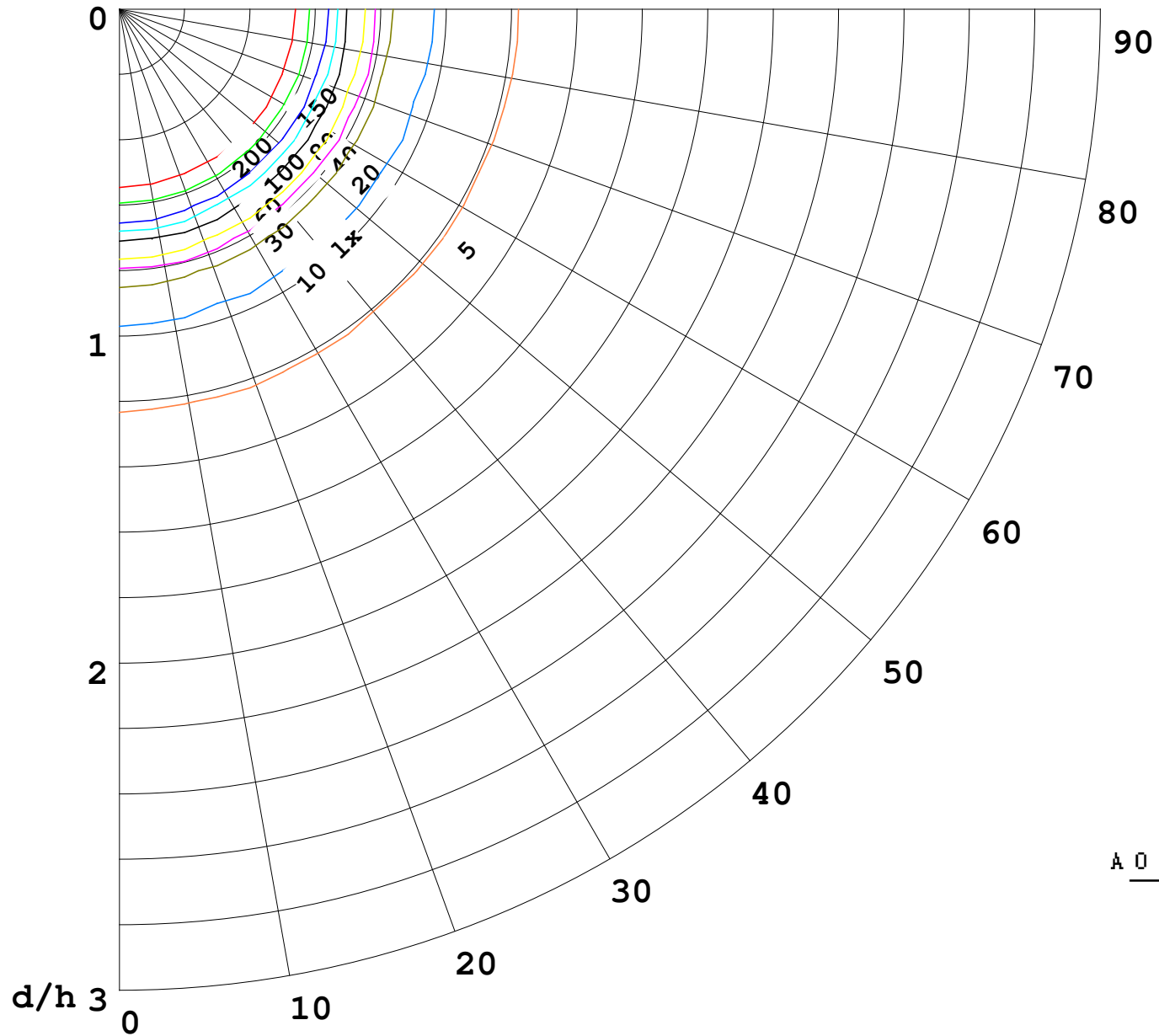
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.287
Humidity: 49.9%
Test Distance: 26.000m [K=1.0000]
Remarks:

I (cd)



1000 lm

K = 1



F = 1000 lm
K = 0.7
Hcc = 0.8 m
Hfc = 0.0 m
Eave = 100 lx

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

