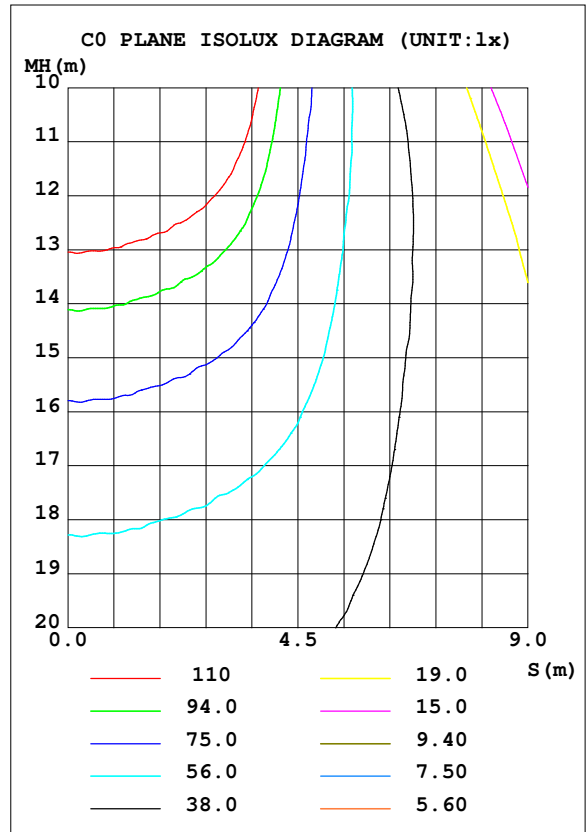
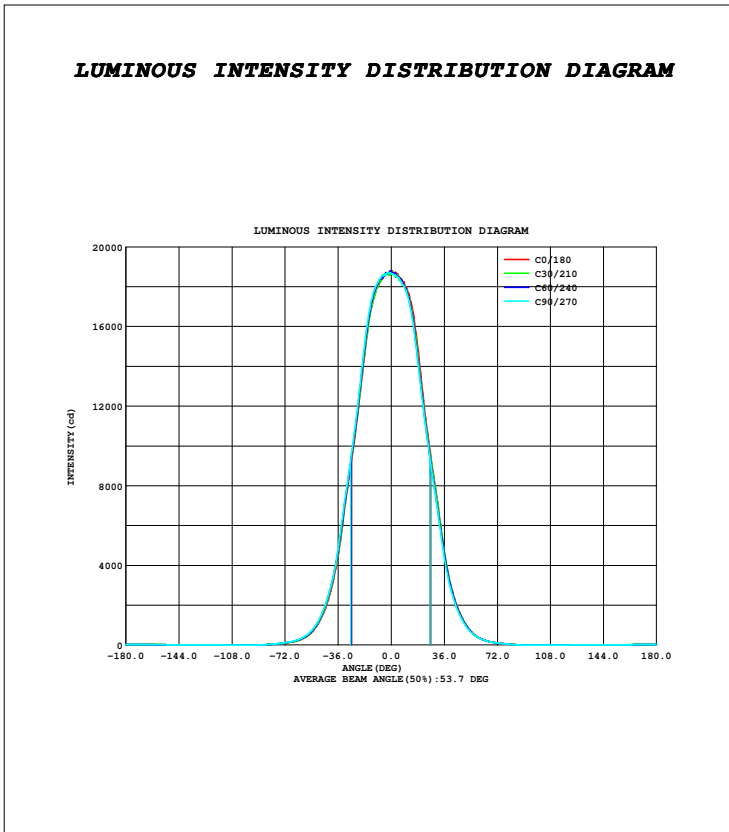


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	KS-LF200B6060408	Imax (cd)	18909	S/MH (C0/180)	0.82
NOMINAL POWER (W)	191.7	LOR (%)	100.0	S/MH (C90/270)	0.84
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	16604	$\eta$ UP, DN (C0-180)	0.1, 49.1
NOMINAL FLUX (lm)	16603.5	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.1, 50.8
LAMPS INSIDE	1	$\eta$ up (%)	0.1	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	120	$\eta$ down (%)	99.9	CIBSE SHR MAX	0.85



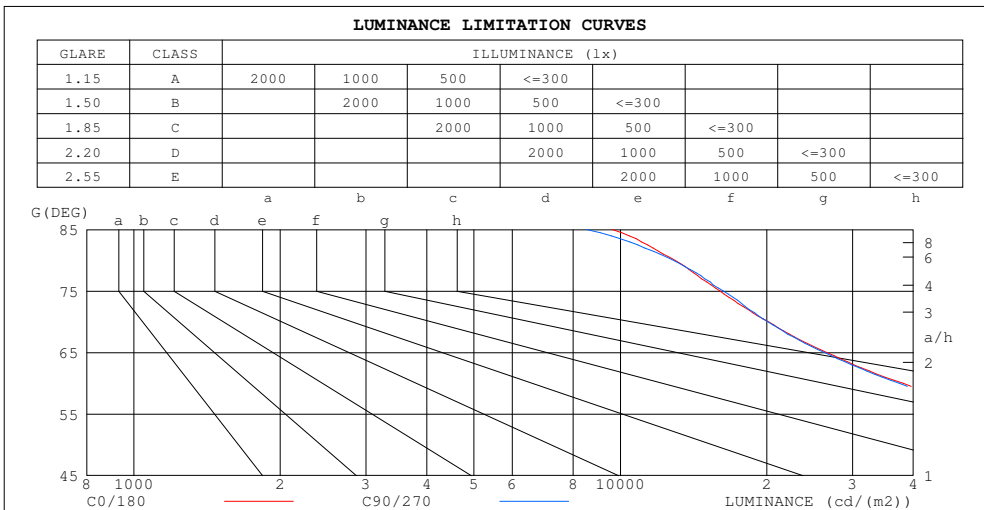
**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\phi$ zone	$\phi$ total	%lum, lamp
5	1851	1854	1842	1834	1849	1860	1854	1847	0- 5	445.2	445.2	2.68,2.68
10	1800	1792	1781	1777	1786	1802	1807	1796	5- 10	1304	1749	10.5,10.5
15	1665	1631	1612	1598	1632	1644	1667	1663	10- 15	2044	3793	22.8,22.8
20	1366	1332	1303	1292	1326	1350	1380	1374	15- 20	2457	6250	37.6,37.6
25	1052	1025	1008	1006	1019	1047	1065	1073	20- 25	2469	8719	52.5,52.5
30	790.7	770.6	756.6	755.7	764.8	784.8	797.3	803.6	25- 30	2282	11000	66.2,66.3
35	523.7	516.1	490.9	482.2	491.0	513.1	533.5	544.1	30- 35	1897	12897	77.7,77.7
40	315.6	310.4	293.4	289.5	297.4	314.3	322.1	327.5	35- 40	1338	14235	85.7,85.7
45	189.7	184.8	176.8	173.7	174.8	188.5	194.3	197.4	40- 45	896.6	15131	91.1,91.1
50	112.5	109.1	103.0	99.87	101.1	106.7	112.3	115.0	45- 50	578.5	15710	94.6,94.6
55	62.42	61.05	57.88	54.83	55.17	58.81	64.37	63.08	50- 55	353.5	16063	96.7,96.7
60	34.28	34.03	33.65	30.68	31.05	33.32	37.36	34.78	55- 60	208.9	16272	98,98
65	20.21	20.10	19.98	18.63	19.05	20.08	22.25	21.08	60- 65	127.9	16400	98.8,98.8
70	12.41	12.17	12.37	11.62	11.67	12.65	13.65	13.13	65- 70	81.77	16482	99.3,99.3
75	7.466	7.400	7.584	6.990	6.852	7.657	8.289	7.986	70- 75	51.83	16534	99.6,99.6
80	4.048	4.041	4.017	3.653	3.693	4.101	4.528	4.374	75- 80	30.65	16564	99.8,99.8
85	1.510	1.390	1.338	1.111	1.168	1.434	1.775	1.737	80- 85	14.60	16579	99.8,99.9
90	0	0	0	0	0	0	0	0	85- 90	2.986	16582	99.9,99.9
95	0	0	0	0	0	0	0	0	90- 95	0	16582	99.9,99.9
100	0	0	0	0	0	0	0	0	95-100	0	16582	99.9,99.9
105	0	0	0	0	0	0	0	0	100-105	0	16582	99.9,99.9
110	0	0	0	0	0	0	0	0	105-110	0	16582	99.9,99.9
115	0	0	0	0	0.0063	0	0.0058	0.0060	110-115	0.0020	16582	99.9,99.9
120	0	0	0	0	0.0479	0.0374	0.0359	0.0449	115-120	0.0487	16582	99.9,99.9
125	0.0060	0.0178	0.0299	0.0656	0.1085	0.0787	0.1022	0.0962	120-125	0.1672	16582	99.9,99.9
130	0.0961	0.1148	0.1493	0.1379	0.2232	0.1577	0.2281	0.1924	125-130	0.4593	16583	99.9,99.9
135	0.2706	0.2343	0.2812	0.2700	0.4583	0.2912	0.4020	0.3370	130-135	0.9457	16584	99.9,99.9
140	0.4689	0.3693	0.4668	0.4436	0.7038	0.4555	0.6299	0.5291	135-140	1.538	16585	99.9,99.9
145	0.6432	0.5146	0.7120	0.6180	0.9867	0.7160	0.9480	0.7871	140-145	2.140	16587	99.9,99.9
150	0.8297	0.7435	0.9937	0.9299	1.325	1.020	1.339	1.046	145-150	2.642	16590	99.9,99.9
155	1.269	1.015	1.228	1.242	1.865	1.399	1.791	1.357	150-155	3.156	16593	99.9,99.9
160	1.425	1.265	1.479	1.416	2.018	1.605	1.977	1.513	155-160	3.271	16596	100,100
165	1.768	1.440	1.811	1.702	2.207	1.794	2.367	1.687	160-165	2.864	16599	100,100
170	2.327	1.816	2.243	1.961	2.604	2.201	2.631	2.083	165-170	2.504	16602	100,100
175	2.607	2.057	2.670	2.205	2.760	2.424	2.787	2.299	170-175	1.729	16604	100,100
180	2.688	2.174	2.816	2.346	2.670	2.514	2.852	2.322	175-180	0.6234	16604	100,100
DEG	LUMINOUS INTENSITY: *10cd								UNIT: lm			



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9626	8529
80	12952	12852
75	16025	16280
70	20166	20096
65	26564	26267
60	38085	37388
55	60460	56065
50	97254	89020
45	149071	138882

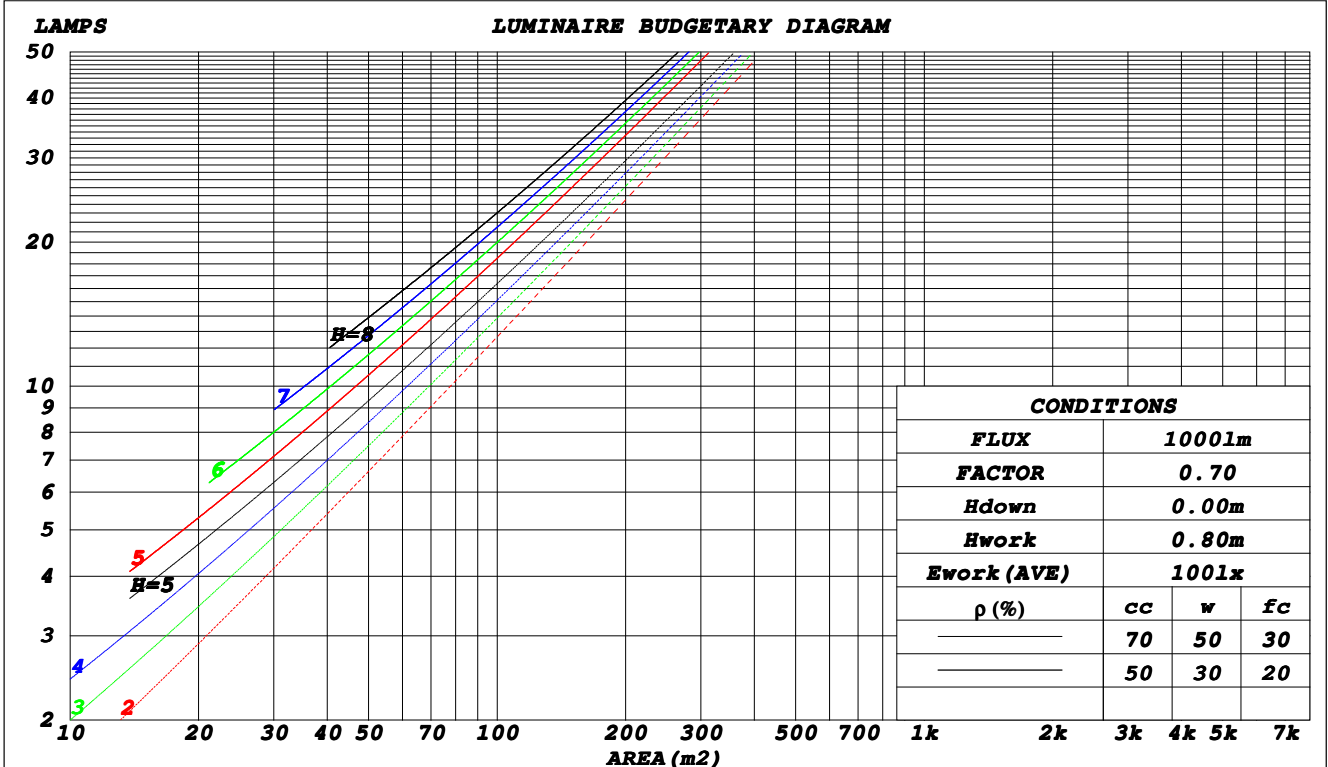
**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.000]**  
**Remarks:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>															
	<b>Coefficients of Utilization(CU)</b>															
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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.94	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.89	.85	.93	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.88	.82	.78	.87	.81	.77	.85	.80	.76	.83	.79	.75	.81	.77	.74	.73
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.78	.73	.70	.76	.72	.69	.68
6.0	.77	.70	.66	.76	.70	.66	.74	.69	.65	.73	.68	.65	.72	.68	.64	.63
7.0	.72	.66	.61	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.59
8.0	.68	.61	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.56	.55
9.0	.64	.58	.54	.63	.57	.53	.62	.57	.53	.61	.57	.53	.61	.56	.53	.52
10.0	.60	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.57	.53	.50	.48



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: GANG YU  
 Test Date: 2015-08-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity: 49.4%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients (WEC)</b>									
0.0																
1.0	.189	.107	.034	.182	.104	.033	.169	.097	.031	.157	.091	.029	.147	.085	.027	
2.0	.181	.099	.030	.175	.097	.030	.165	.092	.028	.155	.087	.027	.146	.082	.026	
3.0	.172	.092	.027	.168	.090	.027	.158	.086	.026	.150	.082	.025	.142	.079	.024	
4.0	.164	.085	.025	.160	.084	.025	.152	.080	.024	.144	.077	.023	.137	.075	.023	
5.0	.156	.079	.023	.152	.078	.023	.145	.076	.022	.139	.073	.022	.132	.071	.021	
6.0	.148	.074	.021	.145	.073	.021	.139	.071	.021	.133	.069	.020	.128	.067	.020	
7.0	.141	.070	.020	.138	.069	.020	.133	.067	.019	.128	.065	.019	.123	.064	.019	
8.0	.135	.066	.019	.132	.065	.018	.127	.064	.018	.123	.062	.018	.118	.061	.018	
9.0	.129	.062	.017	.126	.062	.017	.122	.060	.017	.118	.059	.017	.114	.058	.017	
10.0	.123	.059	.016	.121	.058	.016	.117	.057	.016	.113	.056	.016	.110	.055	.016	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients (CCEC)</b>									
0.0																
1.0	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
2.0	.159	.133	.112	.136	.115	.097	.093	.079	.068	.054	.046	.040	.017	.015	.013	
3.0	.147	.115	.089	.126	.099	.077	.086	.069	.054	.050	.040	.032	.016	.013	.010	
4.0	.137	.100	.072	.117	.087	.063	.081	.060	.044	.047	.035	.026	.015	.011	.009	
5.0	.128	.089	.059	.110	.077	.052	.076	.054	.036	.044	.031	.022	.014	.010	.007	
6.0	.121	.079	.050	.104	.069	.043	.072	.048	.031	.042	.028	.018	.013	.009	.006	
7.0	.115	.072	.042	.099	.062	.037	.068	.044	.026	.040	.026	.015	.013	.008	.005	
8.0	.109	.066	.036	.094	.057	.032	.065	.040	.022	.038	.024	.013	.012	.008	.004	
9.0	.104	.061	.032	.089	.053	.028	.062	.037	.020	.036	.022	.012	.012	.007	.004	
10.0	.099	.056	.028	.086	.049	.024	.059	.034	.017	.035	.020	.010	.011	.007	.003	

**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm										
NAME: LED FLOOD LIGHT					TYPE:KS-LF200B6060408			WEIGHT:		
SPEC.:					DIM.: L432*W413*H75mm			SERIAL No.:KS-LF200B6060408		
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd					SUR.:0.018			Shielding Angle:		
<b>ceiling/cavity</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>
<b>walls</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>
<b>working plane</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Room dimensions</b>	<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H y = 2H</b>	<b>25.5</b>	<b>26.5</b>	<b>25.8</b>	<b>26.7</b>	<b>26.9</b>	<b>25.3</b>	<b>26.3</b>	<b>25.5</b>	<b>26.5</b>	<b>26.6</b>
<b>3H</b>	<b>25.5</b>	<b>26.4</b>	<b>25.7</b>	<b>26.6</b>	<b>26.8</b>	<b>25.2</b>	<b>26.2</b>	<b>25.5</b>	<b>26.4</b>	<b>26.6</b>
<b>4H</b>	<b>25.4</b>	<b>26.3</b>	<b>25.7</b>	<b>26.5</b>	<b>26.8</b>	<b>25.2</b>	<b>26.1</b>	<b>25.5</b>	<b>26.3</b>	<b>26.5</b>
<b>6H</b>	<b>25.4</b>	<b>26.2</b>	<b>25.7</b>	<b>26.4</b>	<b>26.7</b>	<b>25.2</b>	<b>26.0</b>	<b>25.5</b>	<b>26.2</b>	<b>26.5</b>
<b>8H</b>	<b>25.3</b>	<b>26.1</b>	<b>25.7</b>	<b>26.4</b>	<b>26.7</b>	<b>25.1</b>	<b>25.9</b>	<b>25.4</b>	<b>26.2</b>	<b>26.4</b>
<b>12H</b>	<b>25.3</b>	<b>26.1</b>	<b>25.6</b>	<b>26.3</b>	<b>26.6</b>	<b>25.1</b>	<b>25.8</b>	<b>25.4</b>	<b>26.1</b>	<b>26.4</b>
<b>4H 2H</b>	<b>25.4</b>	<b>26.3</b>	<b>25.7</b>	<b>26.5</b>	<b>26.7</b>	<b>25.2</b>	<b>26.0</b>	<b>25.4</b>	<b>26.2</b>	<b>26.5</b>
<b>3H</b>	<b>25.4</b>	<b>26.1</b>	<b>25.7</b>	<b>26.4</b>	<b>26.7</b>	<b>25.2</b>	<b>25.9</b>	<b>25.5</b>	<b>26.2</b>	<b>26.5</b>
<b>4H</b>	<b>25.3</b>	<b>26.0</b>	<b>25.7</b>	<b>26.3</b>	<b>26.6</b>	<b>25.1</b>	<b>25.8</b>	<b>25.5</b>	<b>26.1</b>	<b>26.4</b>
<b>6H</b>	<b>25.3</b>	<b>25.9</b>	<b>25.7</b>	<b>26.2</b>	<b>26.6</b>	<b>25.1</b>	<b>25.7</b>	<b>25.5</b>	<b>26.0</b>	<b>26.4</b>
<b>8H</b>	<b>25.3</b>	<b>25.8</b>	<b>25.7</b>	<b>26.2</b>	<b>26.6</b>	<b>25.1</b>	<b>25.6</b>	<b>25.5</b>	<b>26.0</b>	<b>26.4</b>
<b>12H</b>	<b>25.2</b>	<b>25.7</b>	<b>25.7</b>	<b>26.1</b>	<b>26.5</b>	<b>25.0</b>	<b>25.5</b>	<b>25.5</b>	<b>25.9</b>	<b>26.3</b>
<b>8H 4H</b>	<b>25.2</b>	<b>25.8</b>	<b>25.6</b>	<b>26.2</b>	<b>26.5</b>	<b>25.0</b>	<b>25.6</b>	<b>25.4</b>	<b>25.9</b>	<b>26.3</b>
<b>6H</b>	<b>25.2</b>	<b>25.7</b>	<b>25.6</b>	<b>26.1</b>	<b>26.5</b>	<b>25.0</b>	<b>25.5</b>	<b>25.5</b>	<b>25.9</b>	<b>26.3</b>
<b>8H</b>	<b>25.2</b>	<b>25.6</b>	<b>25.6</b>	<b>26.0</b>	<b>26.5</b>	<b>25.0</b>	<b>25.4</b>	<b>25.4</b>	<b>25.8</b>	<b>26.3</b>
<b>12H</b>	<b>25.2</b>	<b>25.5</b>	<b>25.6</b>	<b>26.0</b>	<b>26.4</b>	<b>25.0</b>	<b>25.3</b>	<b>25.4</b>	<b>25.8</b>	<b>26.2</b>
<b>12H 4H</b>	<b>25.2</b>	<b>25.7</b>	<b>25.6</b>	<b>26.1</b>	<b>26.5</b>	<b>25.0</b>	<b>25.5</b>	<b>25.4</b>	<b>25.9</b>	<b>26.3</b>
<b>6H</b>	<b>25.2</b>	<b>25.6</b>	<b>25.6</b>	<b>26.0</b>	<b>26.4</b>	<b>25.0</b>	<b>25.4</b>	<b>25.4</b>	<b>25.8</b>	<b>26.2</b>
<b>8H</b>	<b>25.2</b>	<b>25.5</b>	<b>25.6</b>	<b>25.9</b>	<b>26.4</b>	<b>25.0</b>	<b>25.3</b>	<b>25.4</b>	<b>25.7</b>	<b>26.2</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 2.1 / - 4.1</b>					<b>+ 1.9 / - 4.0</b>				
<b>1.5H</b>	<b>+ 3.2 / - 3.3</b>					<b>+ 3.0 / - 3.1</b>				
<b>2.0H</b>	<b>+ 4.0 / - 3.9</b>					<b>+ 3.7 / - 3.5</b>				

CIE Pub.117 Corrected 16604 lm Total Lamp Luminous Flux. (8log(F/F0) = 9.8)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: GANG YU  
 Test Date: 2015-08-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity: 49.4%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
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) $k(RI) \times RCR = 5$									
$k = 0.60$	83	75	71	82	75	71	81	75	71	67
0.80	91	84	80	90	84	80	89	83	79	75
1.00	96	90	86	95	89	85	93	89	85	80
1.25	101	95	91	99	94	90	97	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	99	106	101	98	103	99	96	91
2.50	109	105	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNM = 1.25			

**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

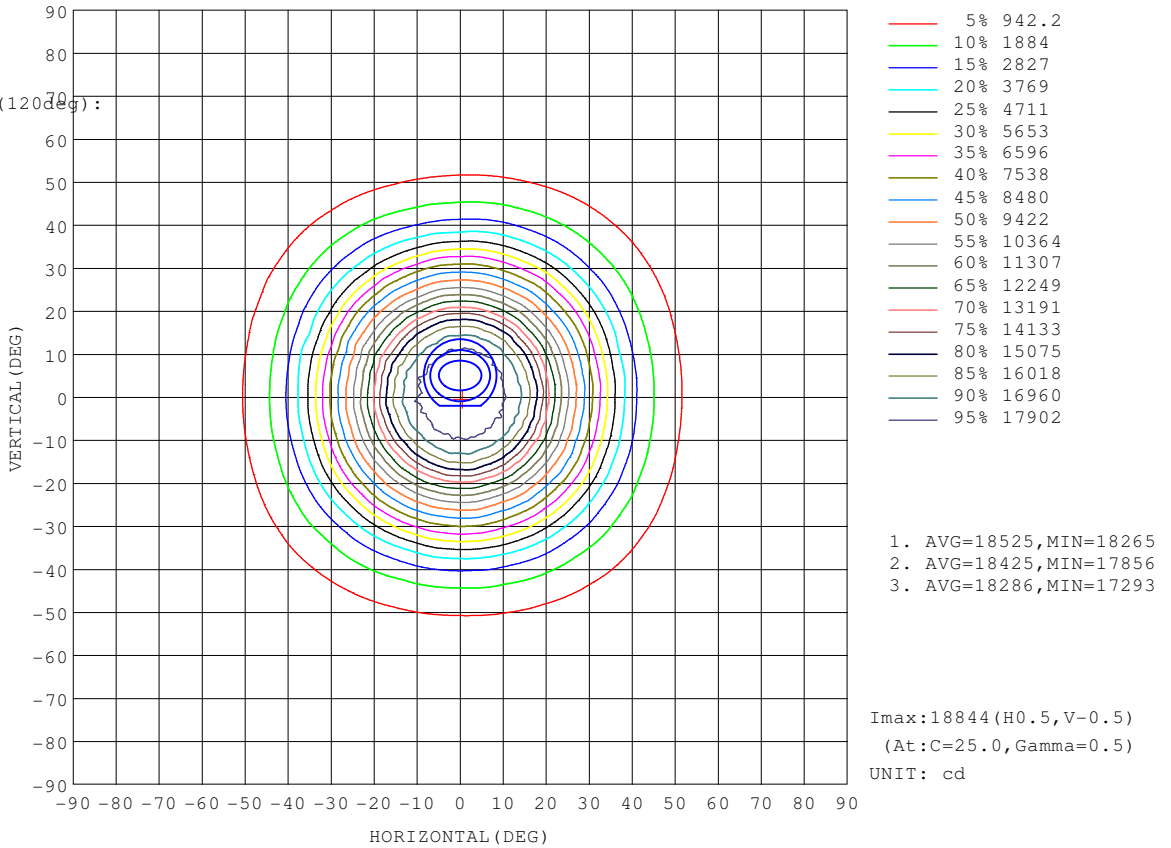
Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Conical surface Flux(90deg):

15131 lm  
 %lum = 91.1%  
 %lamp = 91.1%

Conical surface Flux(120deg):

16272 lm  
 %lum = 98.0%  
 %lamp = 98.0%



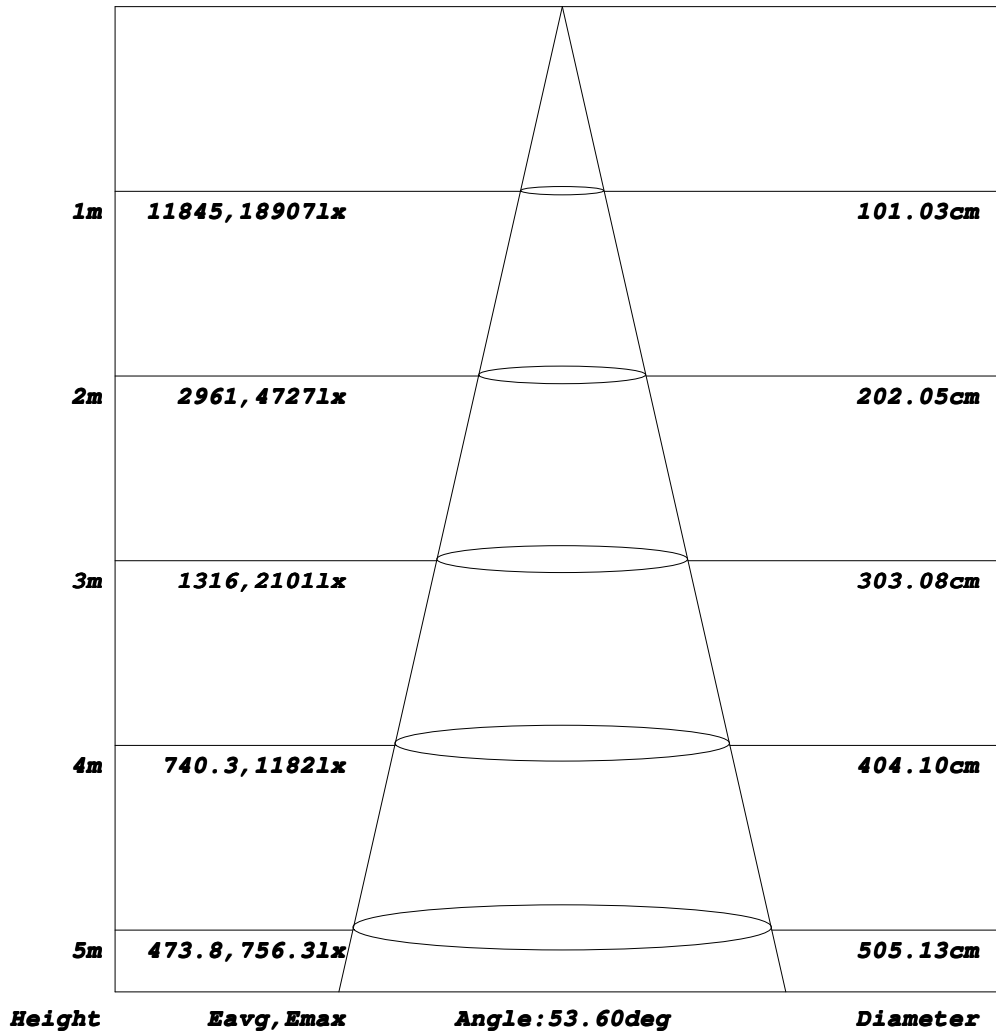
**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**AAI Figure**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

**Flux out:9661 lm**



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

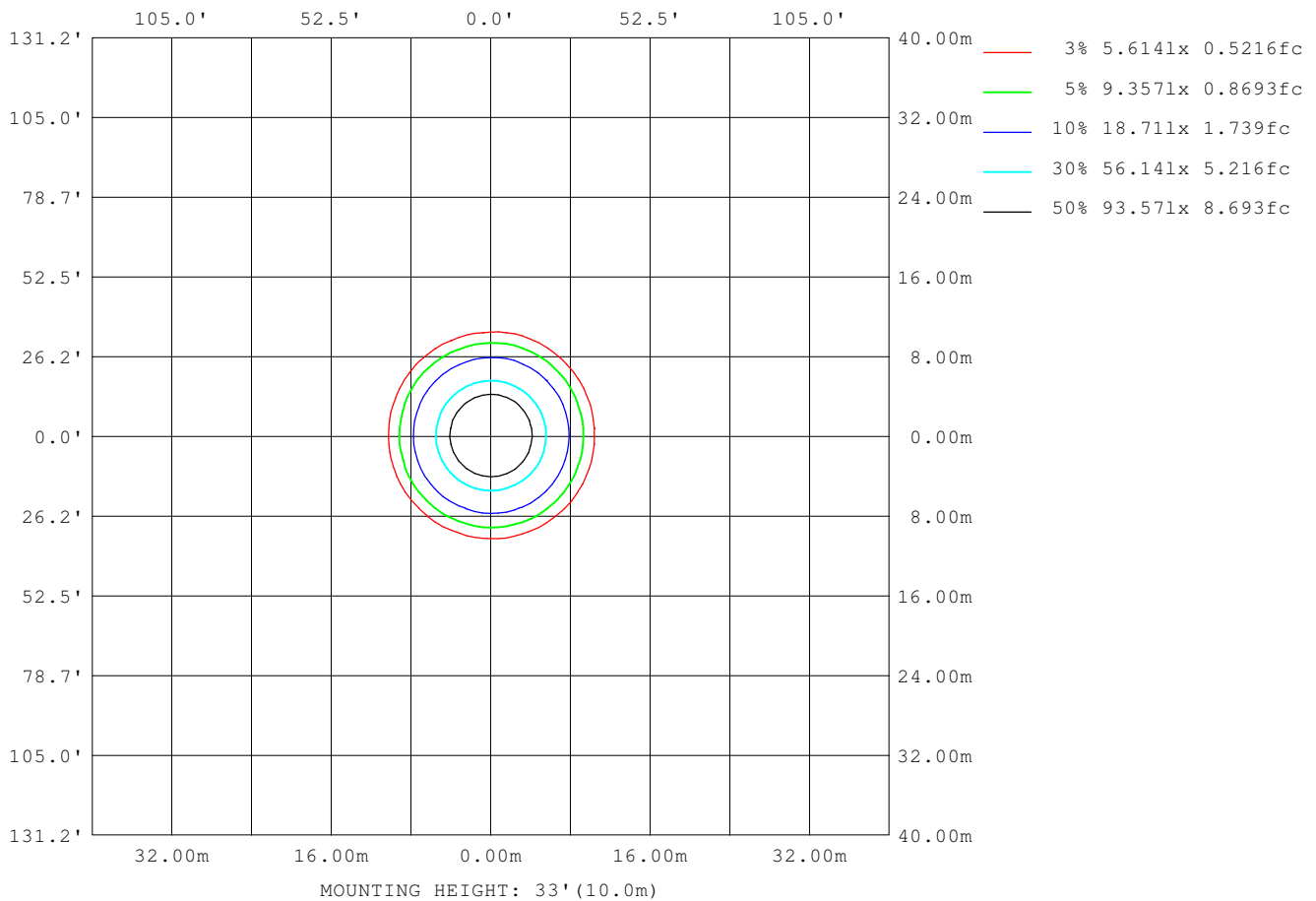
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: GANG YU  
 Test Date: 2015-08-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity: 49.4%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:



**ISOLUX DIAGRAM**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
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: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**LED Avg.L Report**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

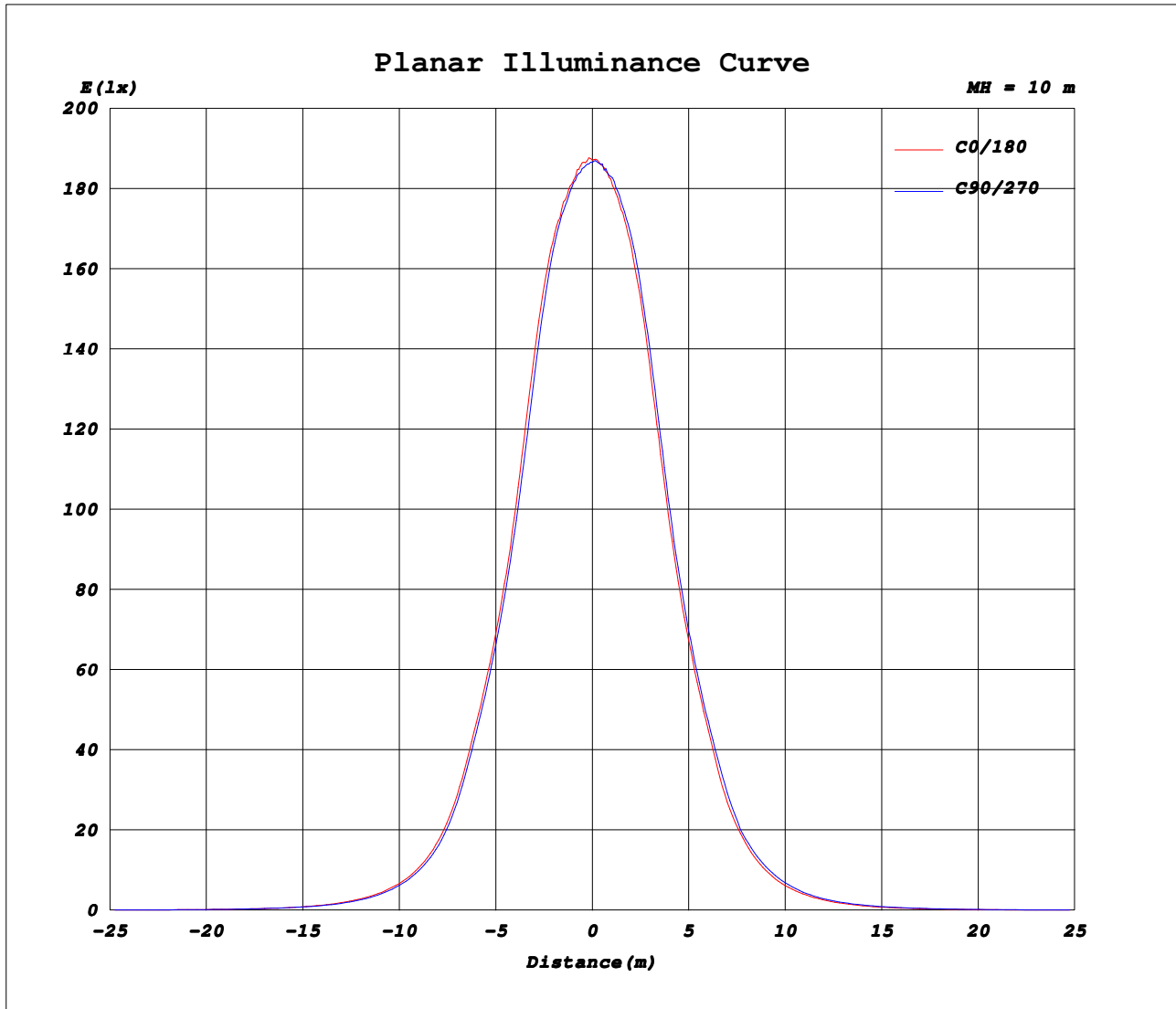
AvgL	cd/m2
L_0~180 (65) av	25802
L_0~180 (75) av	15367
L_0~180 (85) av	8536
L_90~270 (65) av	27761
L_90~270 (75) av	17037
L_90~270 (85) av	9921
L_45 (65) av	26256
L_45 (75) av	16116
L_45 (85) av	9037

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**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: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
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	1871	1874	1869	1878	1861	1879	1867	1844	1860	1884	1866	1867	1877	1872	1874	1871	1876	1877	1865
5	1851	1851	1846	1855	1838	1857	1844	1851	1855	1854	1834	1847	1846	1833	1847	1849	1853	1851	1842
10	1800	1799	1785	1801	1781	1804	1779	1785	1783	1792	1780	1791	1788	1783	1791	1780	1789	1786	1781
15	1665	1653	1649	1659	1638	1644	1637	1630	1628	1631	1623	1628	1625	1625	1605	1611	1626	1618	1612
20	1366	1344	1342	1356	1336	1348	1328	1316	1331	1332	1315	1323	1314	1317	1305	1296	1312	1307	1303
25	1052	1040	1033	1041	1036	1044	1033	1034	1025	1025	1020	1027	1018	1018	1001	1004	1009	1012	1008
30	791	790	784	786	782	792	787	787	775	771	767	774	762	753	759	756	762	756	757
35	524	523	519	522	516	523	522	519	518	516	510	508	510	508	499	498	497	495	491
40	316	315	314	316	313	317	314	313	306	310	306	308	307	303	299	297	300	293	293
45	190	191	189	189	187	190	186	187	188	185	182	184	183	184	181	179	181	179	177
50	113	112	111	112	110	112	110	110	110	109	107	108	107	106	105	105	105	104	103
55	62.4	61.8	61.4	62.0	61.1	61.4	60.9	61.7	61.5	61.1	60.3	60.5	60.5	60.4	59.6	59.2	59.1	58.7	57.9
60	34.3	34.2	34.0	34.4	33.7	34.0	33.6	33.6	33.8	34.0	33.8	33.8	34.1	34.3	34.5	34.6	34.7	34.1	33.6
65	20.2	20.3	20.2	20.4	19.8	20.1	19.9	20.2	20.1	20.1	20.1	20.3	20.5	21.0	21.1	20.9	20.5	20.1	20.0
70	12.4	12.5	12.4	12.4	12.1	12.3	12.3	12.4	12.3	12.2	12.1	12.4	12.6	13.0	13.1	12.7	12.6	12.5	12.4
75	7.47	7.47	7.51	7.51	7.38	7.51	7.45	7.49	7.41	7.40	7.31	7.43	7.57	7.83	7.87	7.78	7.76	7.65	7.58
80	4.05	4.03	4.06	4.10	4.03	4.08	4.01	4.01	3.99	4.04	3.98	4.04	4.16	4.20	4.21	4.15	4.14	4.06	4.02
85	1.51	1.50	1.50	1.49	1.46	1.46	1.42	1.41	1.39	1.39	1.37	1.37	1.38	1.40	1.39	1.39	1.37	1.35	1.34
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	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.06	0.06	0.05	0.03
130	0.10	0.10	0.08	0.09	0.11	0.08	0.07	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.17	0.18	0.17	0.16	0.15
135	0.27	0.27	0.21	0.25	0.27	0.26	0.14	0.17	0.20	0.23	0.26	0.28	0.29	0.31	0.32	0.31	0.30	0.29	0.28
140	0.47	0.47	0.39	0.44	0.48	0.49	0.39	0.28	0.34	0.37	0.40	0.46	0.49	0.52	0.54	0.54	0.52	0.47	0.47
145	0.64	0.65	0.61	0.65	0.70	0.75	0.70	0.52	0.46	0.51	0.55	0.63	0.70	0.74	0.76	0.78	0.77	0.74	0.71
150	0.83	0.85	0.71	0.91	0.96	0.99	0.96	0.89	0.74	0.74	0.77	0.87	0.96	1.02	1.04	1.06	1.05	1.03	0.99
155	1.27	1.37	1.12	1.20	1.27	1.33	1.34	1.31	1.07	1.02	1.07	1.16	1.27	1.32	1.34	1.35	1.33	1.32	1.23
160	1.43	1.54	1.41	1.42	1.45	1.53	1.60	1.54	1.37	1.26	1.21	1.29	1.41	1.49	1.55	1.54	1.52	1.42	1.48
165	1.77	1.85	1.81	1.72	1.78	1.93	1.92	1.85	1.70	1.44	1.37	1.60	1.67	1.74	1.81	1.81	1.75	1.85	1.81
170	2.33	2.40	2.36	2.11	2.28	2.46	2.42	2.30	2.13	1.82	1.73	1.95	2.03	2.11	2.15	2.16	2.22	2.23	2.24
175	2.61	2.64	2.51	2.33	2.58	2.69	2.67	2.59	2.38	2.06	2.01	2.18	2.23	2.35	2.46	2.60	2.67	2.71	2.67
180	2.69	2.70	2.39	2.57	2.67	2.76	2.76	2.67	2.51	2.17	2.17	2.29	2.37	2.52	2.62	2.73	2.78	2.94	2.82

**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Table--2

UNIT: x10cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1862	1868	1862	1874	1875	1870	1875	1886	1864	1870	1876	1878	1873	1883	1868	1883	1882	1871	1874
5	1841	1856	1848	1842	1849	1843	1850	1855	1834	1839	1841	1843	1846	1856	1841	1845	1867	1849	1834
10	1780	1786	1776	1772	1774	1777	1780	1782	1777	1772	1774	1783	1778	1787	1775	1773	1797	1786	1775
15	1607	1623	1610	1601	1602	1599	1601	1599	1598	1595	1612	1602	1615	1610	1609	1614	1639	1632	1623
20	1302	1300	1290	1302	1296	1296	1294	1301	1292	1292	1302	1307	1289	1307	1311	1314	1328	1326	1323
25	1009	1004	1003	1004	1005	1003	1003	1008	1006	1005	1016	1014	1012	1013	1013	1017	1030	1019	1026
30	750	750	753	748	748	750	751	757	756	752	758	758	766	761	760	764	766	765	773
35	488	492	483	481	481	483	483	484	482	480	487	487	494	488	485	489	493	491	494
40	293	293	292	289	289	290	291	291	290	291	292	296	296	295	293	295	298	297	298
45	177	177	176	173	175	176	176	175	174	174	177	176	176	176	174	175	176	175	176
50	103	103	102	100	101	100	101	100	99.9	101	102	100	101	100	99.6	99.4	100	101	101
55	58.0	57.8	57.4	56.9	56.5	56.2	55.3	55.2	54.8	54.6	54.9	55.0	54.6	54.6	54.0	54.1	54.1	55.2	55.2
60	33.5	33.6	33.2	32.9	32.5	31.7	31.2	31.1	30.7	30.5	30.6	30.6	30.4	30.5	30.3	30.0	30.4	31.0	31.1
65	20.0	20.3	20.7	20.5	19.6	19.1	18.8	18.8	18.6	18.6	18.6	18.5	18.4	18.4	18.6	18.6	18.8	19.0	18.9
70	12.5	12.6	12.8	12.7	12.2	11.9	11.8	11.8	11.6	11.6	11.6	11.5	11.4	11.4	11.4	11.5	11.7	11.7	11.7
75	7.52	7.51	7.54	7.48	7.30	7.16	7.11	7.09	6.99	6.94	6.90	6.92	6.86	6.81	6.88	6.83	6.83	6.85	6.95
80	4.00	4.01	4.03	3.98	3.91	3.80	3.74	3.71	3.65	3.59	3.54	3.51	3.52	3.51	3.52	3.52	3.57	3.69	3.71
85	1.33	1.30	1.28	1.24	1.22	1.17	1.14	1.12	1.11	1.09	1.09	1.08	1.08	1.09	1.10	1.10	1.11	1.17	1.19
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	0.01	0.01
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	0.05	0.04
125	0.04	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.07	0.04	0.02	0.03	0.01	0.00	0.00	0.00	0.02	0.11	0.10
130	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.14	0.13	0.14	0.11	0.15	0.11	0.10	0.10	0.12	0.22	0.22
135	0.28	0.28	0.28	0.29	0.29	0.30	0.29	0.27	0.27	0.27	0.28	0.29	0.35	0.26	0.25	0.29	0.31	0.46	0.46
140	0.48	0.49	0.49	0.49	0.49	0.48	0.47	0.47	0.44	0.46	0.48	0.56	0.58	0.45	0.43	0.49	0.53	0.70	0.72
145	0.70	0.69	0.68	0.68	0.69	0.68	0.68	0.66	0.62	0.67	0.78	0.86	0.84	0.67	0.64	0.70	0.69	0.99	0.93
150	0.93	0.93	0.94	0.95	0.94	0.94	0.92	0.87	0.93	1.01	1.17	1.21	1.12	1.04	0.97	0.96	0.86	1.33	1.09
155	1.28	1.31	1.28	1.26	1.31	1.32	1.24	1.18	1.24	1.42	1.55	1.54	1.34	1.37	1.38	1.44	1.34	1.86	1.62
160	1.52	1.52	1.46	1.47	1.49	1.44	1.35	1.35	1.42	1.60	1.73	1.64	1.47	1.49	1.53	1.56	1.47	2.02	1.89
165	1.86	1.89	1.87	1.90	1.91	1.76	1.57	1.58	1.70	1.90	2.05	1.77	1.74	1.70	1.78	1.78	1.76	2.21	2.16
170	2.27	2.27	2.32	2.31	2.28	2.06	1.89	1.89	1.96	2.28	2.33	2.22	2.04	2.02	2.24	2.33	2.31	2.60	2.61
175	2.72	2.84	2.80	2.68	2.60	2.37	2.22	2.19	2.20	2.47	2.58	2.59	2.47	2.28	2.37	2.49	2.57	2.76	2.76
180	3.02	2.99	3.02	2.93	2.92	2.68	2.45	2.35	2.35	2.57	2.89	2.85	2.69	2.67	2.63	2.63	2.71	2.67	2.69

**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Table--3

UNIT: x10cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1869	1878	1861	1879	1867	1844	1860	1884	1866	1867	1877	1872	1874	1871	1876	1877	1865	1862	1868
5	1847	1856	1836	1862	1859	1842	1835	1860	1848	1866	1855	1854	1854	1853	1869	1859	1854	1864	1854
10	1775	1793	1789	1799	1792	1784	1794	1802	1787	1795	1796	1798	1803	1804	1814	1804	1807	1812	1817
15	1620	1640	1619	1654	1637	1624	1634	1644	1644	1649	1647	1645	1657	1658	1676	1667	1667	1674	1679
20	1317	1337	1327	1347	1347	1338	1341	1350	1352	1354	1359	1364	1361	1377	1379	1376	1380	1386	1388
25	1019	1032	1025	1051	1042	1037	1046	1047	1045	1050	1050	1045	1042	1055	1064	1061	1065	1061	1070
30	768	774	764	784	781	787	785	785	780	791	786	787	787	792	803	799	797	805	807
35	494	501	498	502	504	511	513	513	509	518	519	516	521	521	531	530	533	541	544
40	300	303	303	311	311	314	315	314	315	318	318	317	314	314	320	321	322	327	332
45	176	180	179	183	182	185	186	188	188	190	191	191	189	189	193	192	194	198	200
50	101	103	102	106	105	106	106	107	106	108	108	109	108	109	111	112	112	115	116
55	55.1	56.2	56.3	57.7	57.5	58.3	58.7	58.8	58.5	59.8	60.3	60.6	61.3	62.2	63.1	63.7	64.4	64.8	65.2
60	31.2	31.6	31.5	32.5	32.2	32.8	33.0	33.3	33.3	34.2	34.7	35.5	36.0	36.8	37.4	37.2	37.4	37.6	37.8
65	19.1	19.4	19.1	19.4	19.4	19.8	20.0	20.1	20.1	20.6	21.1	21.8	22.2	22.5	22.4	22.3	22.3	22.4	22.7
70	11.8	12.0	11.7	12.0	12.1	12.4	12.5	12.7	12.5	12.8	13.2	13.6	13.8	13.8	13.7	13.6	13.7	13.8	14.0
75	7.06	7.15	7.06	7.24	7.23	7.45	7.58	7.66	7.56	7.65	7.84	8.04	8.15	8.19	8.24	8.24	8.29	8.36	8.49
80	3.73	3.82	3.78	3.87	3.86	3.95	4.00	4.10	4.05	4.11	4.22	4.32	4.37	4.45	4.50	4.51	4.53	4.54	4.61
85	1.21	1.24	1.24	1.29	1.31	1.35	1.38	1.43	1.46	1.52	1.57	1.62	1.66	1.71	1.76	1.78	1.77	1.78	1.80
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	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01
120	0.04	0.05	0.04	0.05	0.04	0.04	0.03	0.04	0.02	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
125	0.10	0.10	0.07	0.09	0.10	0.09	0.08	0.08	0.08	0.08	0.09	0.09	0.08	0.09	0.08	0.10	0.10	0.12	0.13
130	0.23	0.23	0.24	0.22	0.19	0.17	0.16	0.16	0.14	0.16	0.17	0.18	0.19	0.19	0.19	0.21	0.23	0.23	0.25
135	0.44	0.41	0.42	0.42	0.35	0.33	0.29	0.29	0.29	0.29	0.30	0.31	0.32	0.33	0.36	0.38	0.40	0.42	0.45
140	0.69	0.64	0.67	0.71	0.60	0.51	0.47	0.46	0.47	0.50	0.49	0.50	0.51	0.53	0.57	0.60	0.63	0.68	0.71
145	0.96	0.90	0.88	1.03	0.92	0.76	0.70	0.72	0.70	0.72	0.74	0.74	0.74	0.76	0.82	0.87	0.95	1.00	1.04
150	1.29	1.34	1.24	1.36	1.29	1.15	1.06	1.02	1.00	0.99	1.01	1.06	1.05	1.06	1.14	1.26	1.34	1.39	1.42
155	1.88	1.79	1.71	1.54	1.71	1.61	1.46	1.40	1.37	1.40	1.37	1.39	1.42	1.48	1.56	1.65	1.79	1.83	1.84
160	1.87	2.00	1.85	1.80	1.78	1.87	1.71	1.61	1.56	1.60	1.61	1.61	1.64	1.74	1.89	2.01	1.98	2.07	2.16
165	2.00	2.25	2.08	2.08	1.97	2.03	1.97	1.79	1.74	1.83	1.88	1.88	1.92	2.00	2.20	2.28	2.37	2.37	2.37
170	2.46	2.56	2.57	2.34	2.30	2.38	2.30	2.20	1.99	1.96	2.07	2.15	2.28	2.34	2.44	2.57	2.63	2.66	2.68
175	2.75	2.58	2.69	2.53	2.61	2.71	2.59	2.42	2.20	2.14	2.23	2.31	2.46	2.61	2.73	2.76	2.79	2.94	3.03
180	2.68	2.44	2.55	2.68	2.73	2.76	2.68	2.51	2.16	2.19	2.29	2.32	2.49	2.63	2.71	2.76	2.85	2.92	2.95

**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.4V I:1.559A P:185.1W PF:0.9945 Lamp Flux:16603.5x1 lm		
NAME: LED FLOOD LIGHT	TYPE:KS-LF200B6060408	WEIGHT:
SPEC.:	DIM.: L432*W413*H75mm	SERIAL No.:KS-LF200B6060408
MFR.: Shenzhen Sinotron-Lighting Co.,Ltd	SUR.:0.018	Shielding Angle:

Table--4

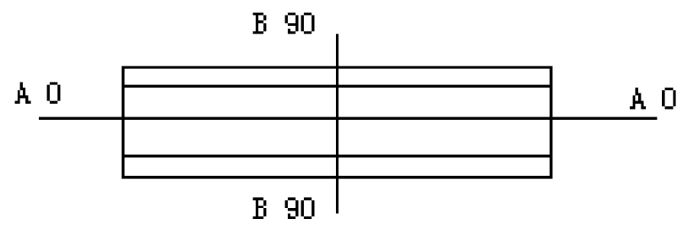
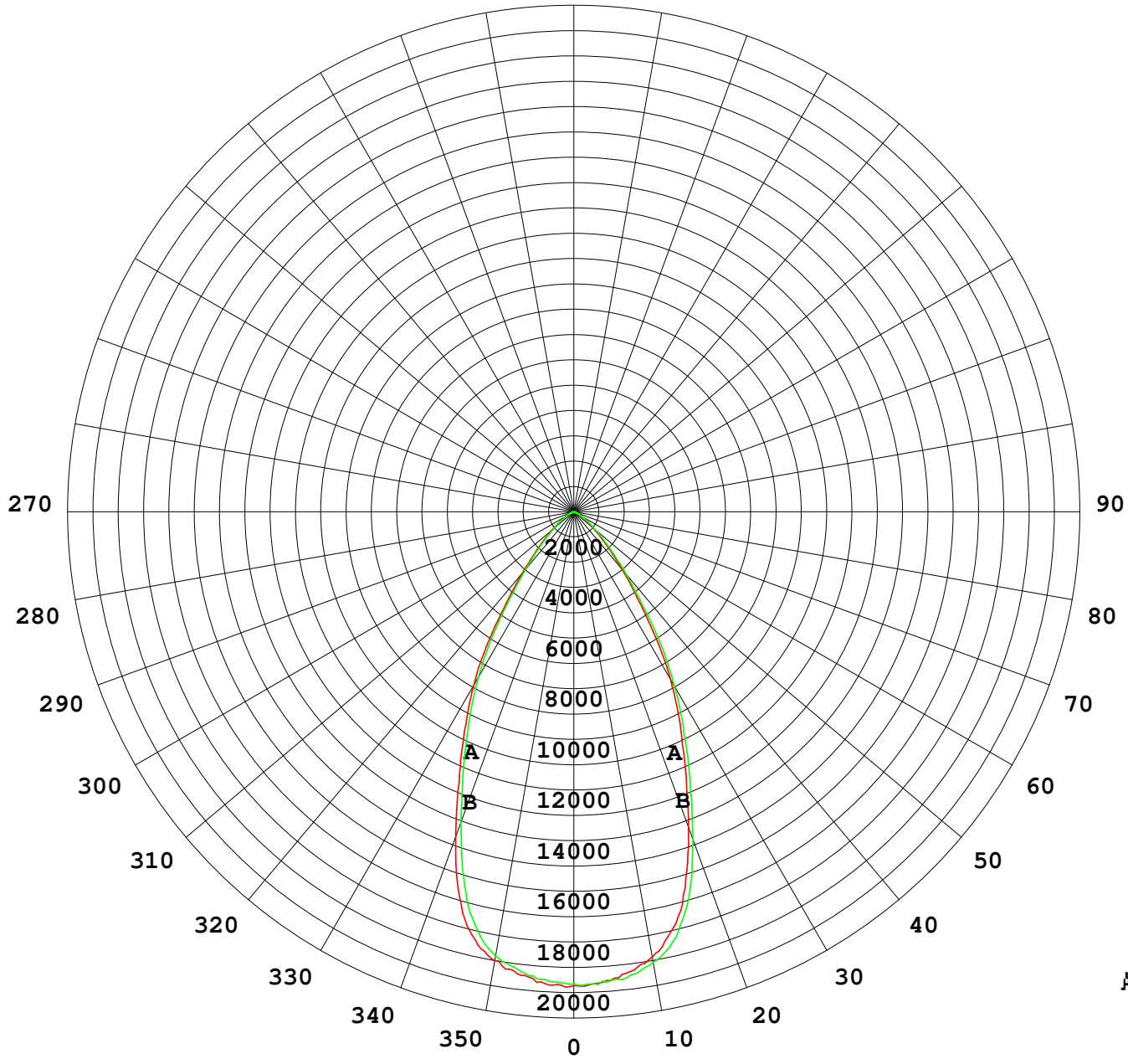
UNIT: x10cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1862	1874	1875	1870	1875	1886	1864	1870	1876	1878	1873	1883	1868	1883	1882				
5	1861	1861	1859	1861	1867	1871	1847	1861	1860	1863	1848	1855	1843	1854	1859				
10	1815	1807	1808	1810	1816	1815	1796	1802	1797	1811	1793	1801	1789	1804	1801				
15	1684	1671	1677	1673	1676	1684	1663	1665	1668	1673	1660	1663	1652	1663	1672				
20	1390	1375	1387	1384	1387	1384	1374	1374	1379	1378	1370	1370	1363	1368	1366				
25	1067	1059	1064	1060	1071	1071	1073	1063	1063	1063	1061	1061	1051	1054	1056				
30	804	799	802	803	809	807	804	805	806	811	809	805	800	798	803				
35	544	542	542	543	547	545	544	541	542	545	542	537	533	530	534				
40	334	331	331	332	332	331	328	327	330	330	326	323	319	317	318				
45	202	200	201	200	201	199	197	196	198	198	195	195	192	192	192				
50	116	116	117	116	116	116	115	114	115	115	114	115	113	113	114				
55	65.0	64.6	64.8	64.2	64.0	63.7	63.1	62.9	63.2	63.2	63.1	63.3	62.8	62.7	62.8				
60	37.6	37.1	36.6	35.9	35.5	35.1	34.8	35.0	35.3	35.0	34.8	34.8	34.4	34.4	34.7				
65	23.0	23.1	22.3	21.7	21.4	21.1	21.1	21.2	21.0	20.8	20.6	20.7	20.6	20.6	20.7				
70	14.5	14.5	13.9	13.4	13.3	13.2	13.1	13.2	13.2	12.9	12.8	12.8	12.8	12.8	12.6				
75	8.69	8.64	8.36	8.10	8.06	8.04	7.99	7.92	7.92	7.84	7.78	7.79	7.78	7.68	7.57				
80	4.72	4.68	4.59	4.51	4.43	4.38	4.37	4.36	4.35	4.33	4.28	4.28	4.24	4.18	4.16				
85	1.84	1.82	1.78	1.76	1.74	1.74	1.74	1.72	1.74	1.70	1.70	1.68	1.66	1.63	1.62				
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	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
120	0.05	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.03				
125	0.14	0.14	0.13	0.13	0.13	0.11	0.10	0.10	0.07	0.07	0.04	0.06	0.06	0.07	0.08				
130	0.27	0.27	0.26	0.24	0.23	0.21	0.19	0.17	0.16	0.14	0.12	0.16	0.15	0.14	0.17				
135	0.46	0.46	0.45	0.43	0.41	0.38	0.34	0.31	0.28	0.24	0.29	0.31	0.29	0.30	0.36				
140	0.73	0.73	0.71	0.68	0.64	0.57	0.53	0.51	0.43	0.47	0.54	0.53	0.49	0.49	0.57				
145	1.04	1.04	1.01	0.95	0.88	0.81	0.79	0.73	0.69	0.77	0.83	0.79	0.77	0.72	0.80				
150	1.42	1.40	1.35	1.28	1.18	1.08	1.05	1.02	1.00	1.12	1.11	1.12	1.05	0.95	1.13				
155	1.84	1.79	1.74	1.65	1.55	1.41	1.36	1.31	1.43	1.56	1.48	1.51	1.46	1.36	1.64				
160	2.13	2.07	1.99	1.92	1.86	1.69	1.51	1.61	1.83	1.84	1.83	1.78	1.73	1.55	1.88				
165	2.40	2.36	2.33	2.24	2.15	1.96	1.69	1.87	2.11	2.17	2.18	2.11	2.09	1.96	2.16				
170	2.68	2.71	2.72	2.62	2.40	2.33	2.08	2.16	2.49	2.71	2.65	2.58	2.56	2.36	2.60				
175	3.02	2.93	2.89	2.88	2.65	2.51	2.30	2.26	2.66	2.96	2.88	2.73	2.69	2.49	2.71				
180	2.96	2.92	2.89	2.84	2.59	2.42	2.32	2.33	2.60	2.83	2.74	2.63	2.53	2.49	2.60				

**C Range: 0 - 360DEG**  
**C Interval: 5.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.6DEG**  
**Operators: GANG YU**  
**Test Date: 2015-08-13**

**γ Range: 0 - 180DEG**  
**γ Interval: 0.5DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287**  
**Humidity: 49.4%**  
**Test Distance: 26.000m [K=1.0000]**  
**Remarks:**

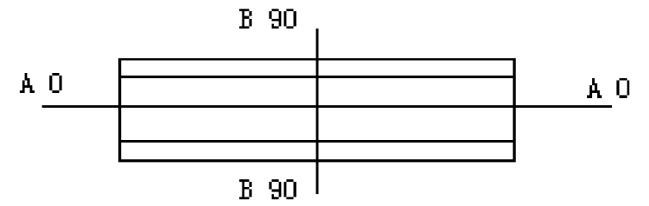
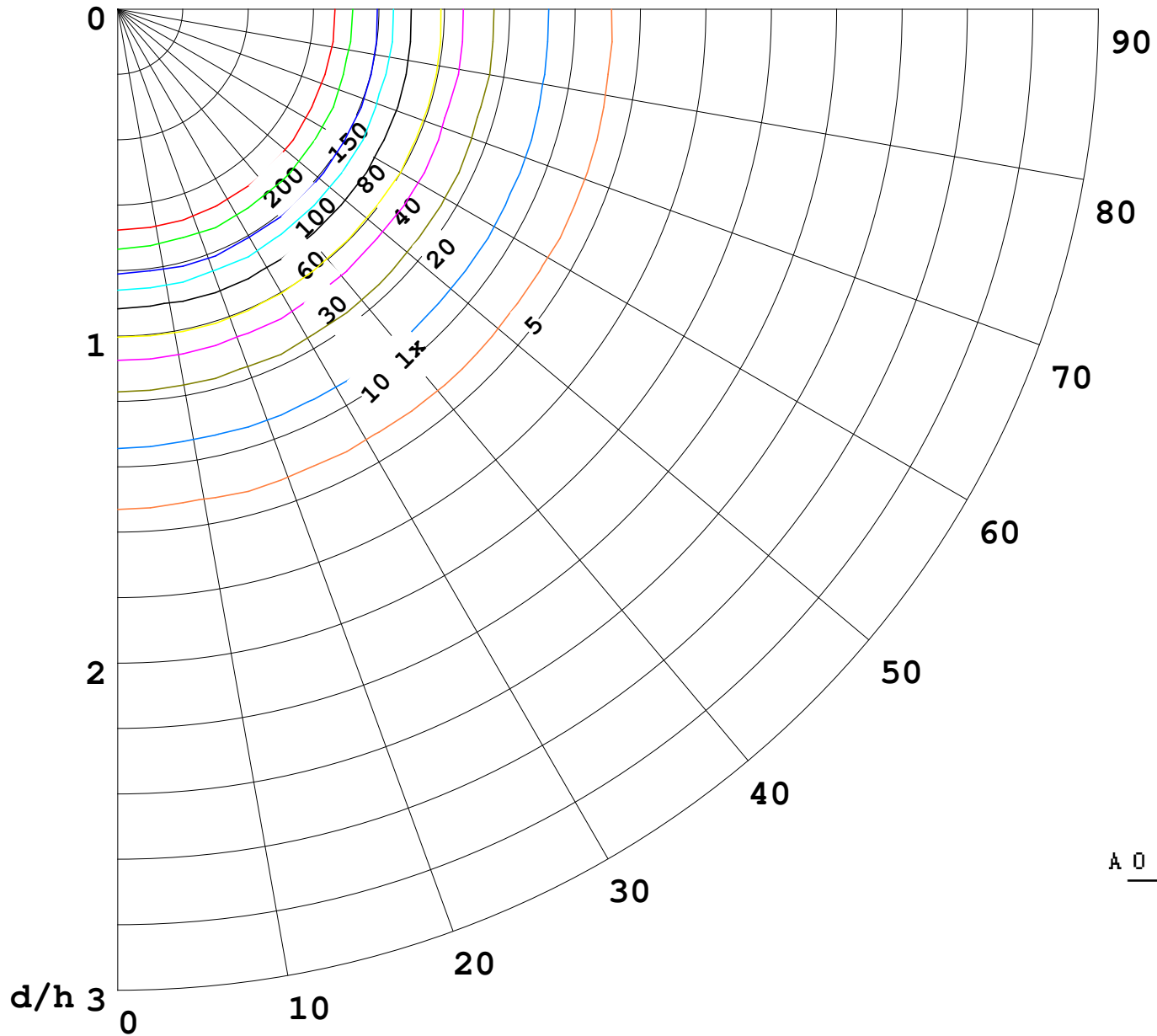
I (cd)





1000 lm

K = 1



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

—————	<b>Pcc</b>	<b>Pw</b>	<b>Pfc</b>
—————	70	50	30
—————	50	30	20

