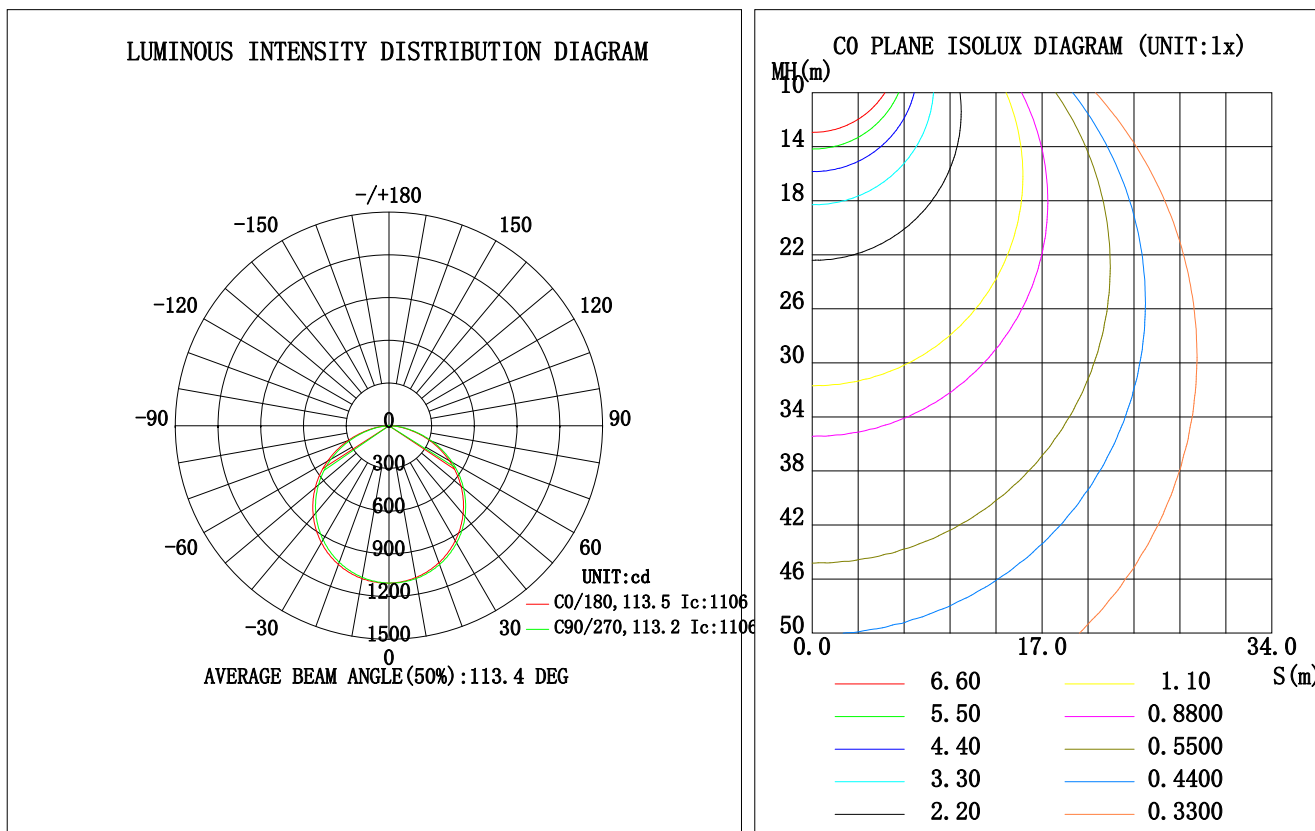


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 124.24 lm/W
MODEL	ULPL6060-27W	I _{max} (cd)	1108	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	27	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3184.2	η UP, DN(C0-180)	0.0, 49.0	
NOMINAL FLUX(lm)	3184.19	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 50.9	
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	240	η down (%)	99.9	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total	%lum, lamp
5	1102	1101	1097	1099	1098	1101	1102	1105	0- 5	26.38	26.38	0.83, 0.83
10	1090	1086	1082	1081	1083	1087	1091	1093	5- 10	78.27	104.6	3.29, 3.29
15	1068	1062	1055	1055	1058	1063	1068	1072	10- 15	127.6	232.2	7.29, 7.29
20	1038	1030	1021	1020	1024	1031	1038	1043	15- 20	172.6	404.8	12.7, 12.7
25	996.9	987.4	976.9	976.9	981.4	990.6	997.5	1005	20- 25	211.9	616.7	19.4, 19.4
30	949.8	937.6	926.4	925.0	932.0	941.3	951.2	956.0	25- 30	244.2	860.8	27.27
35	892.1	879.0	866.2	866.3	873.8	884.8	894.3	901.7	30- 35	268.4	1129	35.5, 35.5
40	828.4	813.3	800.1	799.6	809.4	820.5	831.9	837.4	35- 40	283.7	1413	44.4, 44.4
45	755.1	740.0	726.4	726.8	737.9	750.7	760.8	767.7	40- 45	289.5	1702	53.5, 53.5
50	676.6	660.4	646.6	647.9	660.4	672.7	684.5	688.4	45- 50	285.5	1988	62.4, 62.4
55	590.2	573.8	561.1	562.8	577.1	590.5	600.5	605.4	50- 55	271.8	2260	71.71
60	499.7	482.7	470.7	474.0	489.0	501.8	512.6	514.6	55- 60	248.7	2509	78.8, 78.8
65	403.3	386.8	375.7	380.2	397.4	410.1	418.9	420.7	60- 65	216.9	2725	85.6, 85.6
70	306.6	290.1	280.1	286.3	304.1	316.4	323.4	323.1	65- 70	177.9	2903	91.2, 91.2
75	209.1	195.3	186.6	194.2	212.0	223.7	227.9	228.0	70- 75	133.9	3037	95.4, 95.4
80	120.2	107.7	101.6	109.3	125.0	134.8	138.0	136.3	75- 80	88.01	3125	98.1, 98.1
85	43.52	33.63	30.27	37.51	51.12	59.47	61.91	58.45	80- 85	45.24	3170	99.6, 99.6
90	0.1649	0.1368	0.1338	0.1382	0.1244	0.4558	2.020	0.3986	85- 90	10.44	3181	99.9, 99.9
95	0.1430	0.1435	0.1461	0.1470	0.1082	0.1056	0.1042	0.1073	90- 95	0.1128	3181	99.9, 99.9
100	0.1717	0.1689	0.1769	0.1736	0.1318	0.1215	0.1219	0.1224	95-100	0.0740	3181	99.9, 99.9
105	0.2048	0.1953	0.2100	0.2035	0.1529	0.1407	0.1475	0.1412	100-105	0.0857	3181	99.9, 99.9
110	0.2484	0.2272	0.2446	0.2349	0.1864	0.1710	0.1819	0.1717	105-110	0.1001	3181	99.9, 99.9
115	0.3075	0.2752	0.2816	0.2749	0.2382	0.2359	0.2348	0.2342	110-115	0.1190	3181	99.9, 99.9
120	0.3724	0.3314	0.3296	0.3236	0.3130	0.3151	0.3183	0.3066	115-120	0.1429	3182	99.9, 99.9
125	0.4449	0.3961	0.3884	0.3900	0.4110	0.4265	0.4193	0.4062	120-125	0.1708	3182	99.9, 99.9
130	0.5191	0.4629	0.4594	0.4566	0.5108	0.5307	0.5230	0.5106	125-130	0.1974	3182	99.9, 99.9
135	0.6330	0.5797	0.5752	0.5683	0.6317	0.6582	0.6760	0.6505	130-135	0.2245	3182	99.9, 99.9
140	0.7387	0.7237	0.7098	0.6937	0.8033	0.8600	0.8830	0.8581	135-140	0.2593	3182	99.9, 99.9
145	0.8357	0.8513	0.8422	0.8194	1.042	1.113	1.191	1.112	140-145	0.2918	3183	100, 100
150	0.9256	0.9570	0.9303	0.9091	1.293	1.385	1.452	1.377	145-150	0.3138	3183	100, 100
155	1.039	1.070	1.010	1.046	1.549	1.627	1.677	1.598	150-155	0.3136	3183	100, 100
160	1.171	1.180	1.090	1.175	1.732	1.834	1.805	1.754	155-160	0.2949	3184	100, 100
165	1.222	1.218	1.129	1.171	1.811	1.915	1.903	1.845	160-165	0.2469	3184	100, 100
170	1.313	1.293	1.172	1.209	1.839	1.827	1.807	1.790	165-170	0.1814	3184	100, 100
175	1.444	1.409	1.221	1.300	1.716	1.695	1.596	1.647	170-175	0.1075	3184	100, 100
180	1.570	1.547	1.386	1.465	1.570	1.547	1.394	1.465	175-180	0.0356	3184	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1702.4 lm

%lum = 53.5%

%lamp = 53.5%

Conical surface Flux(120deg): 2508.5 lm

%lum = 78.8%

%lamp = 78.8%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

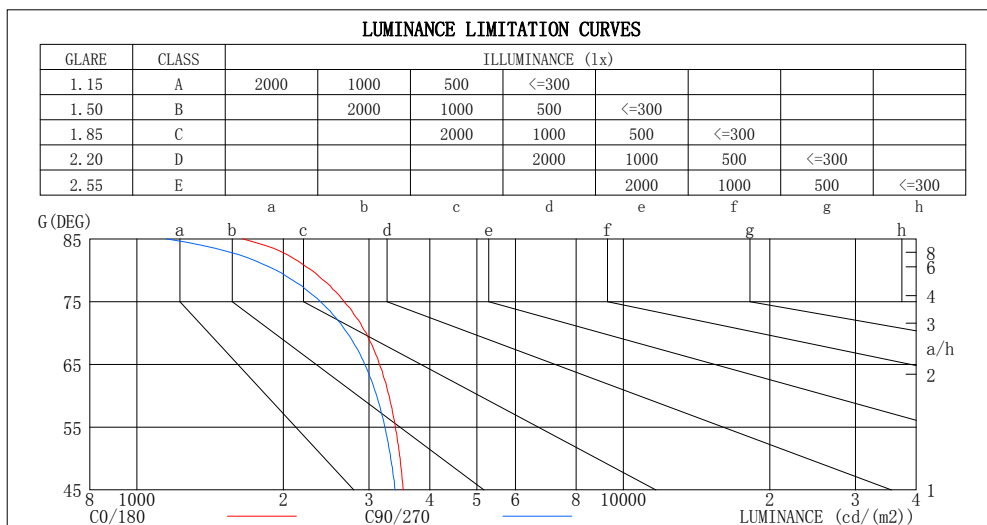
Checker: Harry Huang

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1649	1148
80	2287	1933
75	2669	2383
70	2961	2707
65	3152	2938
60	3301	3111
55	3399	3233
50	3477	3325
45	3527	3395

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2017-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

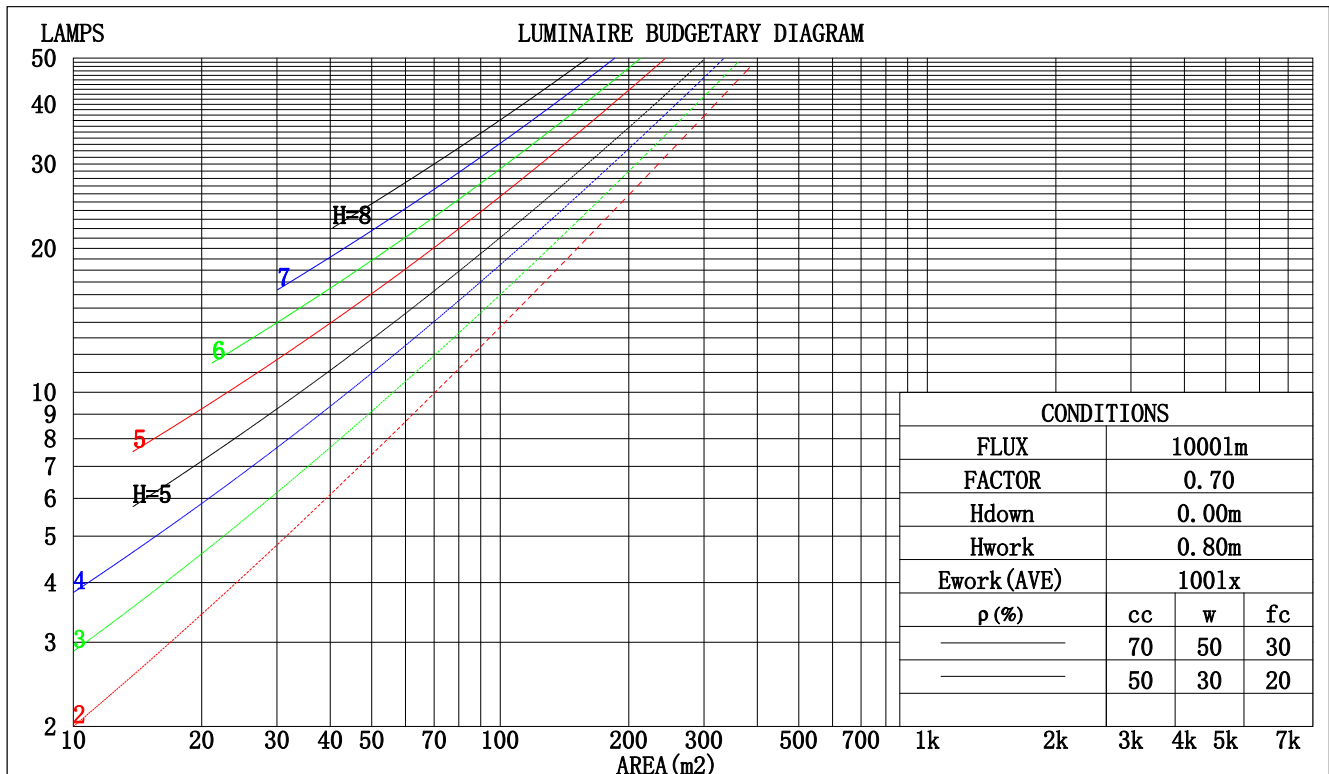
Checker: Harry Huang

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.69
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

WEC AND CCEC

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm								
NAME: 1			TYPE:			WEIGHT:		
SPEC. :			DIM. :			SERIAL No. :		
MFR. :			SUR. :			Shielding Angle:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.309	.176	.056	.302	.172	.055	.288	.165	.053	.276	.159	.051	.265	.153	.049	
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.263	.147	.046	.253	.143	.045	
3.0	.270	.144	.043	.264	.142	.043	.254	.138	.042	.244	.134	.041	.236	.130	.040	
4.0	.249	.130	.038	.244	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.117	.034	.226	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.199	.098	.028	.196	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.085	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.142	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

UGR(Unified Glare Rating) Table

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm											
NAME: 1					TYPE:			WEIGHT:			
SPEC. :					DIM. :			SERIAL No. :			
MFR. :					SUR. :			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	2H	13.1	14.6	13.4	14.8	15.0	12.9	14.4	13.2	14.6	14.8
	3H	14.6	16.0	14.9	16.2	16.5	14.3	15.7	14.6	15.9	16.2
	4H	15.2	16.5	15.5	16.7	17.0	14.8	16.1	15.1	16.4	16.7
	6H	15.5	16.8	15.9	17.1	17.3	15.1	16.4	15.5	16.7	16.9
	8H	15.6	16.9	16.0	17.1	17.4	15.2	16.4	15.5	16.7	17.0
	12H	15.7	16.8	16.0	17.1	17.4	15.2	16.4	15.5	16.7	17.0
4H	2H	13.7	15.0	14.0	15.3	15.5	13.5	14.8	13.8	15.1	15.4
	3H	15.3	16.5	15.7	16.8	17.1	15.1	16.3	15.4	16.6	16.9
	4H	16.0	17.1	16.4	17.4	17.7	15.7	16.8	16.1	17.1	17.4
	6H	16.5	17.5	16.9	17.8	18.2	16.1	17.1	16.5	17.4	17.8
	8H	16.6	17.5	17.1	17.9	18.3	16.2	17.1	16.6	17.5	17.9
	12H	16.7	17.5	17.2	17.9	18.3	16.3	17.1	16.7	17.5	17.9
8H	4H	16.2	17.1	16.6	17.5	17.9	15.9	16.8	16.4	17.2	17.6
	6H	16.8	17.6	17.3	18.0	18.4	16.5	17.2	16.9	17.6	18.1
	8H	17.1	17.7	17.5	18.1	18.6	16.7	17.3	17.1	17.7	18.2
	12H	17.2	17.7	17.7	18.2	18.7	16.7	17.3	17.2	17.7	18.2
12H	4H	16.2	17.0	16.6	17.4	17.8	16.0	16.8	16.4	17.2	17.6
	6H	16.9	17.5	17.3	17.9	18.4	16.5	17.2	17.0	17.6	18.1
	8H	17.1	17.7	17.6	18.1	18.6	16.7	17.3	17.2	17.7	18.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 3184 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.0$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	72	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	70	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

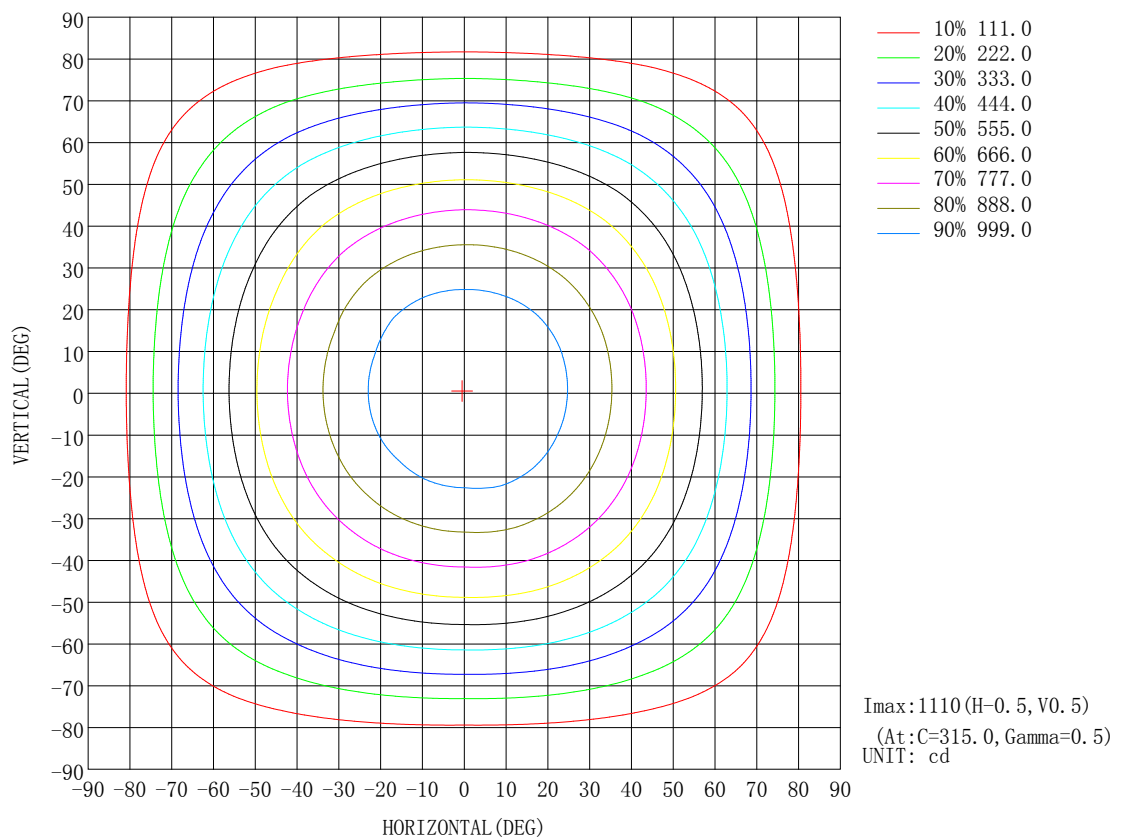
Checker: Harry Huang

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

Checker: Harry Huang

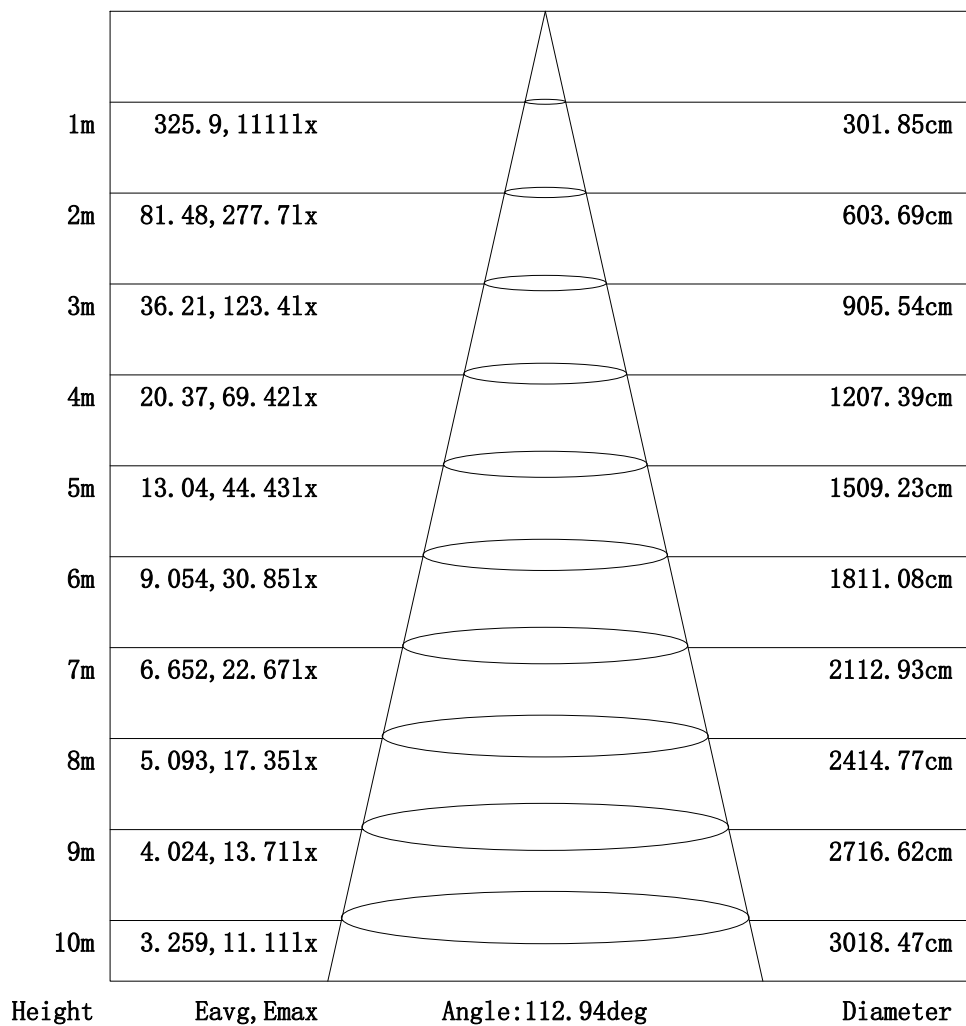
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

AAI Figure

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Flux out:2337 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: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

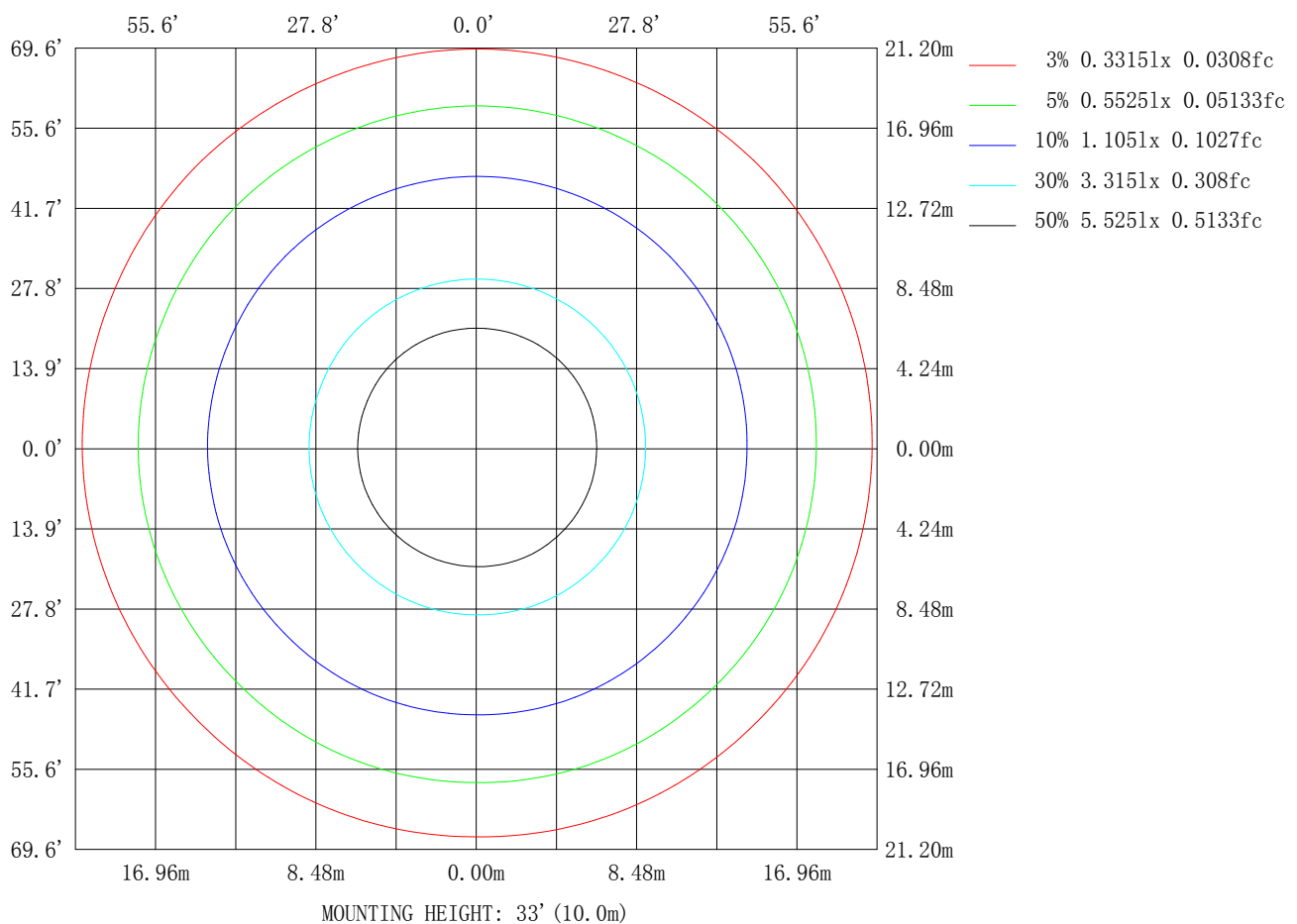
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

Checker: Harry Huang

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LED Avg.L Report

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	3132
L_0~180(75)av	2689
L_0~180(85)av	1795
L_90~270(65)av	3108
L_90~270(75)av	2647
L_90~270(85)av	1748
L_45(65)av	3124
L_45(75)av	2686
L_45(85)av	1793

Standard: GB/T 29293-2012

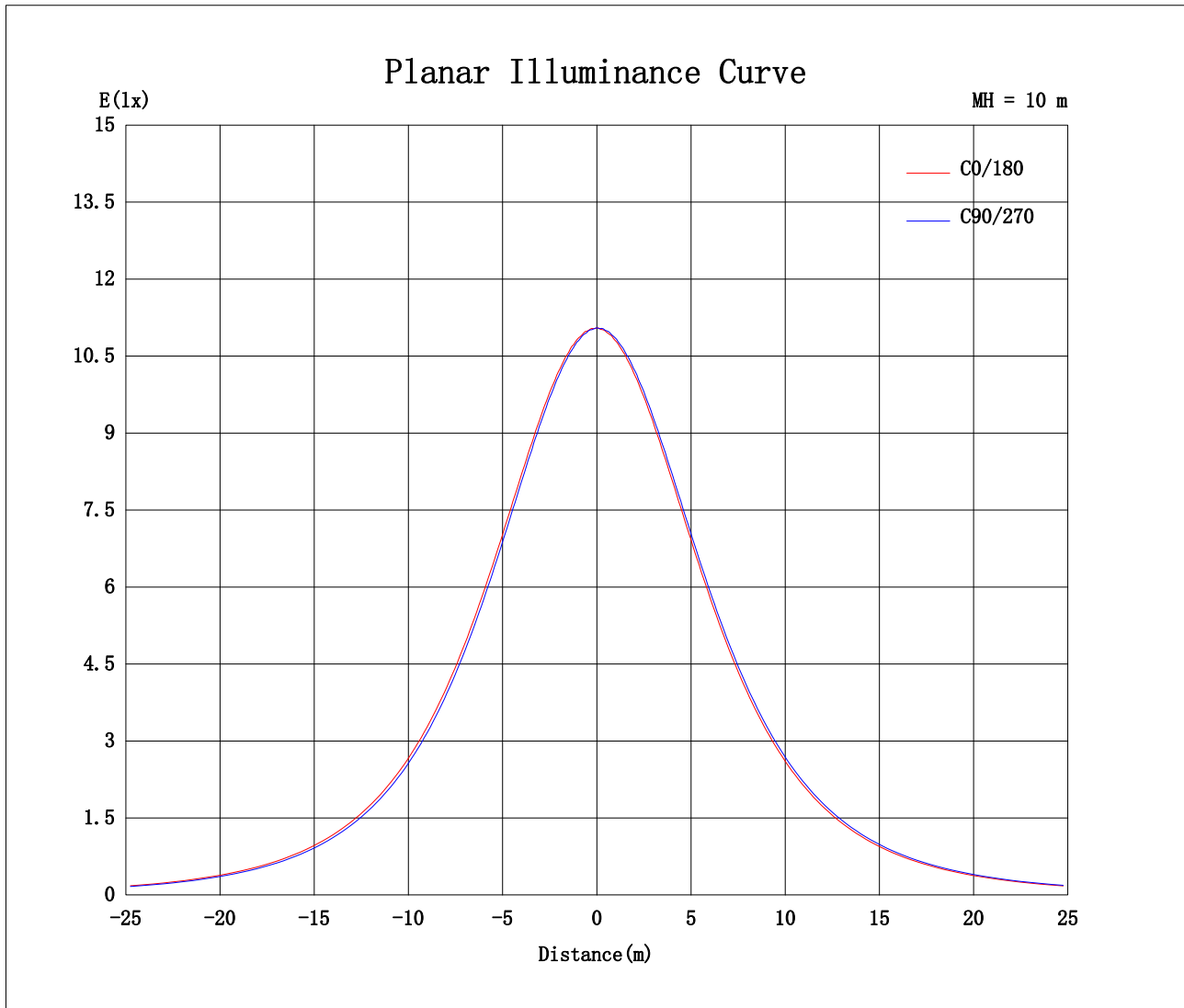
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017-05-06

Checker: Harry Huang

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.4V I:0.1123A P:25.63W PF:0.9491 Freq:50.00Hz Lamp Flux:3184.19x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Table—1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1106	1106	1106	1106	1106	1106	1106	1106	1106	1106	1106	1106	1106	1106	1106	1106			
5	1102	1103	1101	1100	1097	1098	1099	1098	1098	1101	1101	1102	1102	1103	1105	1103			
10	1090	1090	1086	1085	1082	1082	1081	1082	1083	1085	1087	1089	1091	1092	1093	1092			
15	1068	1067	1062	1060	1055	1055	1055	1056	1058	1061	1063	1066	1068	1070	1072	1070			
20	1038	1036	1030	1027	1021	1020	1020	1022	1024	1027	1031	1034	1038	1040	1043	1041			
25	997	995	987	984	977	977	977	978	981	986	991	994	997	1000	1005	1001			
30	950	946	938	934	926	926	925	928	932	935	941	945	951	956	956	954			
35	892	889	879	873	866	866	866	869	874	879	885	889	894	897	902	897			
40	828	824	813	808	800	800	800	804	809	813	821	825	832	834	837	834			
45	755	750	740	734	726	727	727	731	738	743	751	755	761	763	768	762			
50	677	672	660	655	647	648	648	654	660	665	673	677	684	686	688	684			
55	590	585	574	568	561	563	563	569	577	582	591	595	601	602	605	598			
60	500	494	483	478	471	473	474	481	489	493	502	506	513	513	515	508			
65	403	398	387	382	376	379	380	389	397	402	410	413	419	419	421	413			
70	307	301	290	286	280	284	286	295	304	308	316	318	323	322	323	316			
75	209	205	195	192	187	190	194	202	212	215	224	224	228	226	228	220			
80	120	115	108	105	102	105	109	116	125	129	135	136	138	137	136	130			
85	43.5	40.5	33.6	32.4	30.3	34.3	37.5	44.0	51.1	54.3	59.5	60.6	61.9	60.4	58.5	52.3			
90	0.16	0.11	0.14	0.11	0.13	0.11	0.14	0.11	0.12	2.63	0.46	4.70	2.02	4.60	0.40	2.12			
95	0.14	0.14	0.14	0.14	0.15	0.14	0.15	0.14	0.11	0.12	0.11	0.12	0.10	0.12	0.11	0.12			
100	0.17	0.16	0.17	0.17	0.18	0.17	0.17	0.17	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.13			
105	0.20	0.20	0.20	0.20	0.21	0.20	0.20	0.20	0.15	0.17	0.14	0.14	0.15	0.14	0.14	0.16			
110	0.25	0.23	0.23	0.24	0.24	0.23	0.23	0.24	0.19	0.22	0.17	0.18	0.18	0.17	0.17	0.21			
115	0.31	0.28	0.28	0.27	0.28	0.27	0.27	0.30	0.24	0.27	0.24	0.23	0.23	0.22	0.23	0.27			
120	0.37	0.35	0.33	0.34	0.33	0.32	0.32	0.36	0.31	0.34	0.32	0.32	0.32	0.31	0.31	0.33			
125	0.44	0.41	0.40	0.41	0.39	0.38	0.39	0.44	0.41	0.43	0.43	0.42	0.42	0.40	0.41	0.41			
130	0.52	0.50	0.46	0.48	0.46	0.45	0.46	0.51	0.51	0.52	0.53	0.54	0.52	0.50	0.51	0.51			
135	0.63	0.61	0.58	0.58	0.58	0.56	0.57	0.63	0.63	0.65	0.66	0.68	0.68	0.65	0.65	0.63			
140	0.74	0.74	0.72	0.70	0.71	0.69	0.69	0.72	0.80	0.83	0.86	0.88	0.88	0.87	0.86	0.82			
145	0.84	0.87	0.85	0.84	0.84	0.82	0.82	0.82	1.04	1.09	1.11	1.16	1.19	1.15	1.11	1.06			
150	0.93	0.97	0.96	0.92	0.93	0.89	0.91	0.90	1.29	1.35	1.39	1.44	1.45	1.42	1.38	1.32			
155	1.04	1.09	1.07	1.04	1.01	1.01	1.05	1.02	1.55	1.59	1.63	1.69	1.68	1.65	1.60	1.58			
160	1.17	1.20	1.18	1.14	1.09	1.10	1.17	1.14	1.73	1.78	1.83	1.85	1.81	1.84	1.75	1.76			
165	1.22	1.27	1.22	1.14	1.13	1.13	1.17	1.19	1.81	1.84	1.91	1.92	1.90	1.87	1.85	1.79			
170	1.31	1.34	1.29	1.16	1.17	1.11	1.21	1.24	1.84	1.84	1.83	1.80	1.81	1.75	1.79	1.78			
175	1.44	1.45	1.41	1.29	1.22	1.21	1.30	1.37	1.72	1.74	1.70	1.61	1.60	1.59	1.65	1.66			
180	1.57	1.59	1.55	1.41	1.39	1.36	1.47	1.48	1.57	1.59	1.55	1.41	1.39	1.37	1.47	1.48			

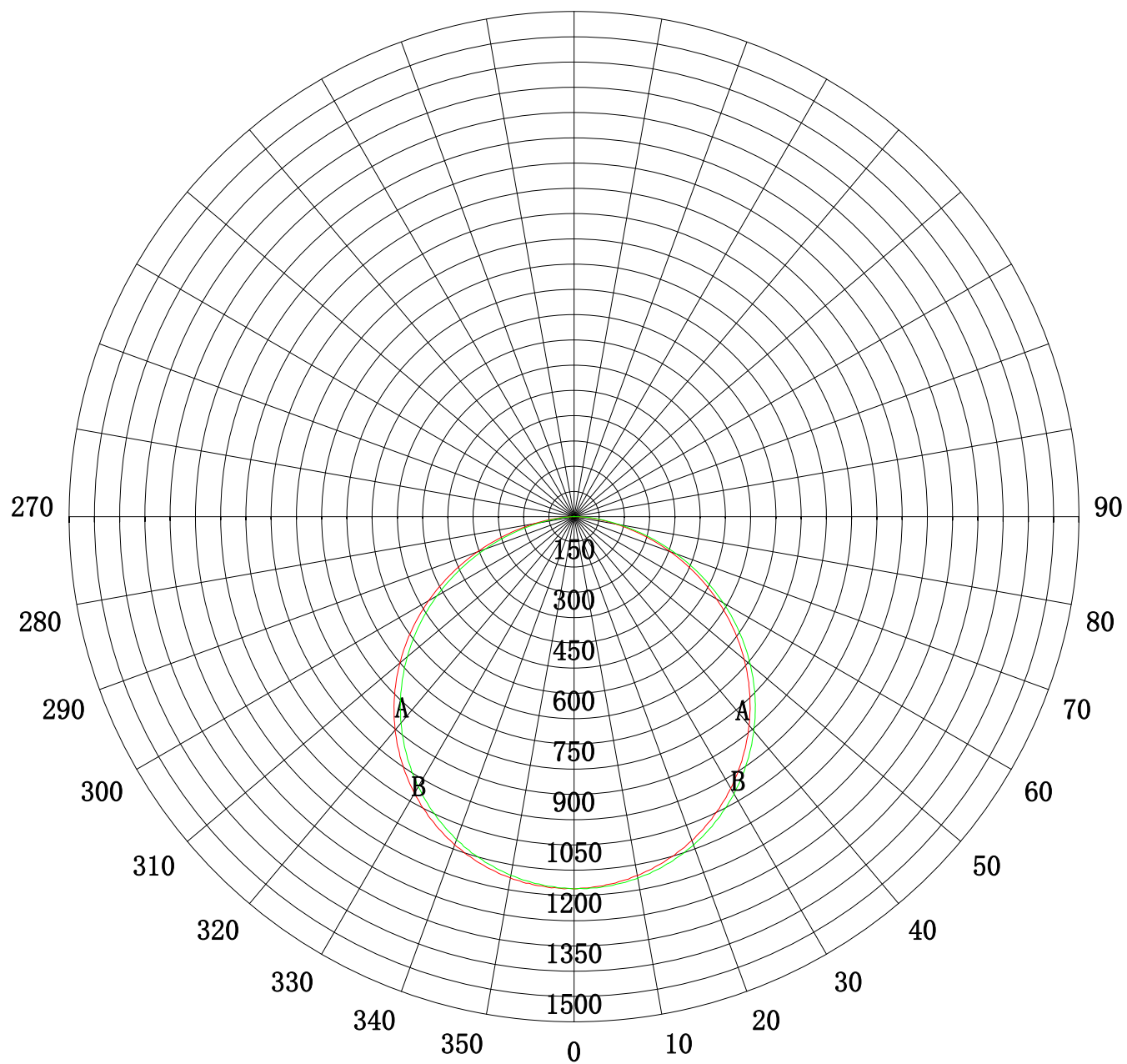
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

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Checker: Harry Huang

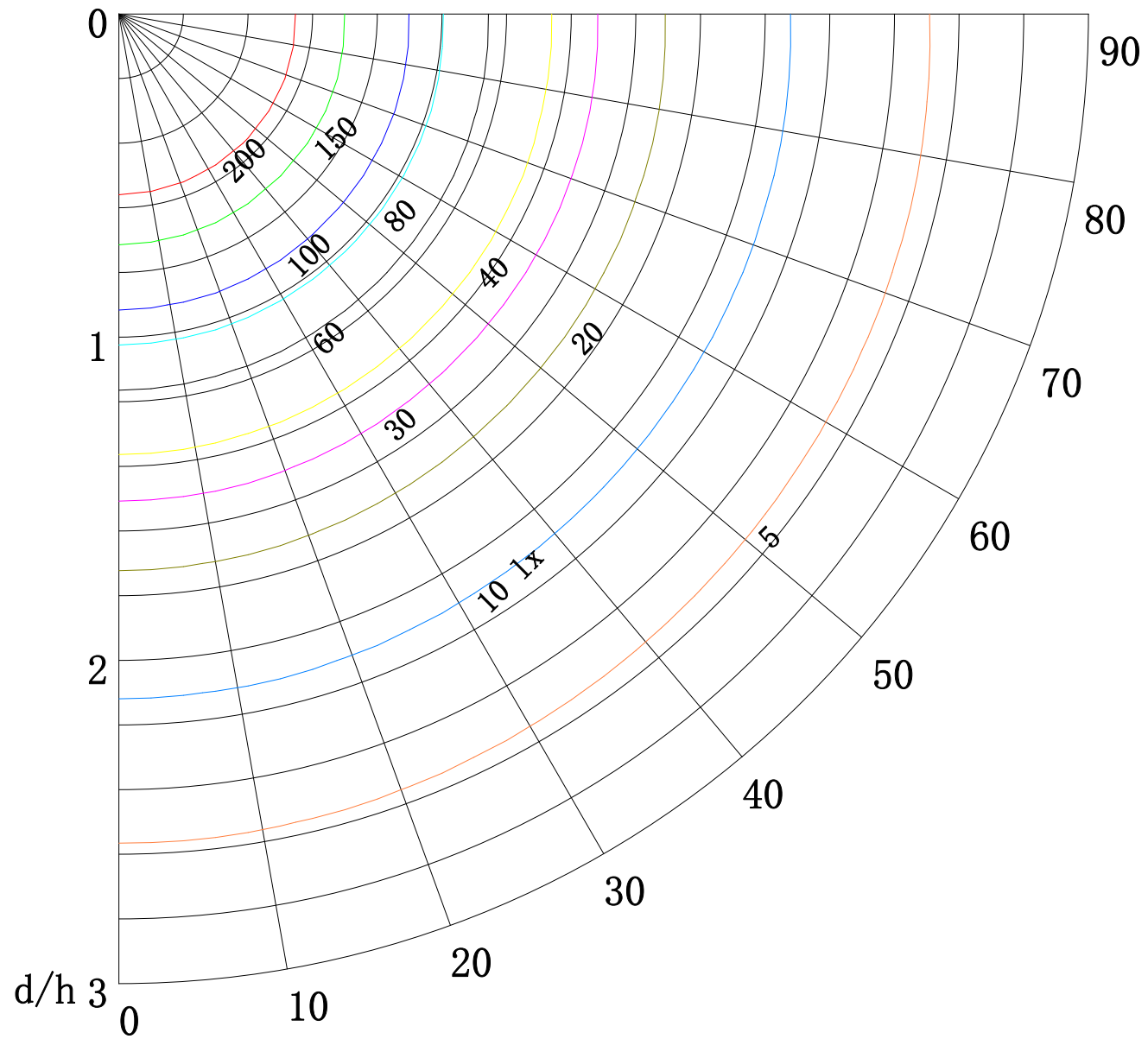
Assessor: Akin Xu

I (cd)



1000 l_m

$K = 1$



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

