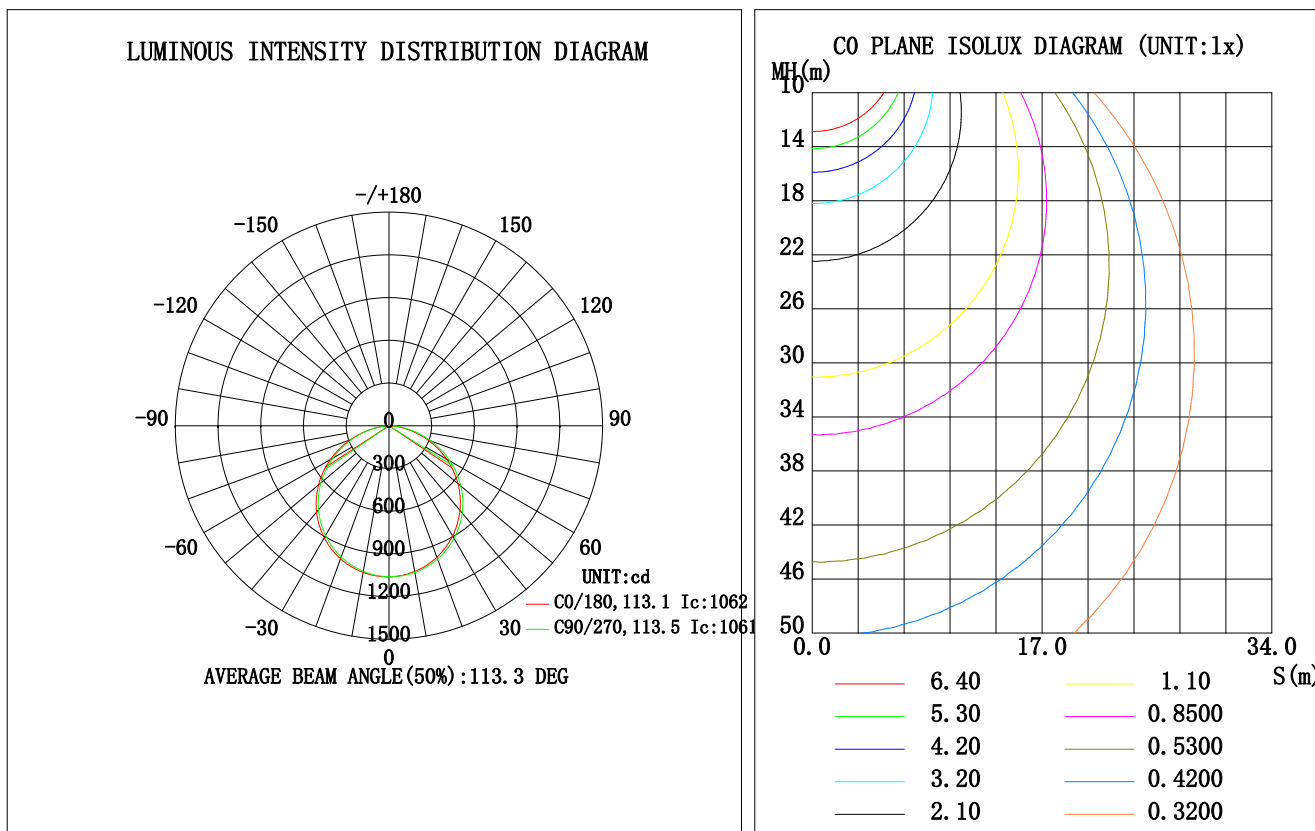


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 133.00 lm/W
MODEL	ULPL6060-24W	I _{max} (cd)	1063	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3052.5	η UP, DN(C0-180)	0.0, 49.0	
NOMINAL FLUX(lm)	3052.45	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:2017-05-5

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	Φ zone	Φ total	%lum, lamp
5	1059	1055	1053	1055	1056	1055	1058	1060	0- 5	25.30	25.30	0.83, 0.83
10	1045	1042	1038	1037	1039	1043	1046	1048	5- 10	75.06	100.4	3.29, 3.29
15	1026	1018	1014	1014	1017	1019	1026	1029	10- 15	122.3	222.7	7.3, 7.3
20	994.7	987.9	981.2	978.9	982.0	989.9	996.4	999.5	15- 20	165.5	388.2	12.7, 12.7
25	957.2	946.4	939.6	938.5	943.2	949.2	959.1	963.3	20- 25	203.2	591.5	19.4, 19.4
30	908.3	899.6	890.6	888.0	892.9	903.4	913.6	916.2	25- 30	234.2	825.7	27.27
35	854.9	842.5	834.1	832.5	838.8	847.8	860.5	864.5	30- 35	257.4	1083	35.5, 35.5
40	791.2	779.9	770.2	767.5	775.2	788.2	800.0	802.3	35- 40	272.1	1355	44.4, 44.4
45	722.8	708.9	700.1	698.8	707.4	719.3	732.8	734.9	40- 45	277.7	1633	53.5, 53.5
50	645.6	632.8	623.5	621.9	631.7	646.2	658.8	660.0	45- 50	273.9	1907	62.5, 62.5
55	563.9	549.7	540.9	541.0	552.6	565.8	579.0	580.2	50- 55	260.7	2168	71.71
60	475.6	461.8	454.2	454.4	467.1	482.1	494.0	493.1	55- 60	238.5	2406	78.8, 78.8
65	383.4	369.8	363.5	365.2	379.2	392.9	405.1	402.9	60- 65	207.9	2614	85.6, 85.6
70	288.3	276.5	272.1	274.6	288.4	303.1	313.4	309.7	65- 70	170.4	2784	91.2, 91.2
75	194.5	185.6	183.1	186.4	197.9	213.5	223.8	218.6	70- 75	128.1	2913	95.4, 95.4
80	109.1	102.2	102.0	104.6	114.0	128.0	137.4	130.8	75- 80	84.03	2997	98.2, 98.2
85	38.39	31.85	31.77	35.31	44.05	55.16	63.17	56.48	80- 85	43.07	3040	99.6, 99.6
90	0.1360	0.1355	0.1364	0.1375	0.1233	0.3507	1.985	0.3504	85- 90	9.783	3049	99.9, 99.9
95	0.1413	0.1437	0.1457	0.1453	0.1086	0.1078	0.1079	0.1091	90- 95	0.1095	3049	99.9, 99.9
100	0.1662	0.1653	0.1671	0.1702	0.1246	0.1211	0.1204	0.1238	95-100	0.0733	3050	99.9, 99.9
105	0.1989	0.1910	0.1942	0.1959	0.1434	0.1394	0.1371	0.1408	100-105	0.0830	3050	99.9, 99.9
110	0.2371	0.2188	0.2222	0.2249	0.1745	0.1670	0.1647	0.1687	105-110	0.0949	3050	99.9, 99.9
115	0.2920	0.2655	0.2545	0.2609	0.2280	0.2169	0.2125	0.2196	110-115	0.1113	3050	99.9, 99.9
120	0.3559	0.3174	0.2992	0.3047	0.2981	0.2862	0.2825	0.2837	115-120	0.1333	3050	99.9, 99.9
125	0.4230	0.3797	0.3477	0.3671	0.3849	0.3730	0.3679	0.3689	120-125	0.1586	3050	99.9, 99.9
130	0.4928	0.4425	0.4174	0.4283	0.4785	0.4662	0.4598	0.4606	125-130	0.1827	3050	99.9, 99.9
135	0.6028	0.5571	0.5283	0.5335	0.5939	0.5856	0.5950	0.5872	130-135	0.2075	3051	99.9, 99.9
140	0.7015	0.6929	0.6578	0.6483	0.7508	0.7805	0.7900	0.7911	135-140	0.2401	3051	99.9, 99.9
145	0.7958	0.8115	0.7755	0.7686	0.9749	1.028	1.072	1.038	140-145	0.2715	3051	100, 100
150	0.8801	0.9133	0.8630	0.8564	1.213	1.294	1.324	1.295	145-150	0.2931	3051	100, 100
155	0.9868	1.023	0.9377	0.9794	1.460	1.518	1.548	1.506	150-155	0.2942	3052	100, 100
160	1.113	1.125	1.019	1.089	1.644	1.707	1.686	1.659	155-160	0.2770	3052	100, 100
165	1.163	1.158	1.049	1.095	1.714	1.793	1.771	1.741	160-165	0.2317	3052	100, 100
170	1.239	1.214	1.092	1.134	1.739	1.723	1.676	1.671	165-170	0.1702	3052	100, 100
175	1.352	1.325	1.154	1.229	1.620	1.596	1.489	1.540	170-175	0.1010	3052	100, 100
180	1.474	1.442	1.299	1.369	1.474	1.443	1.299	1.368	175-180	0.0333	3052	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1632.9 lm

%lum = 53.5%

%lamp = 53.5%

Conical surface Flux(120deg): 2406 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:2017-05-5

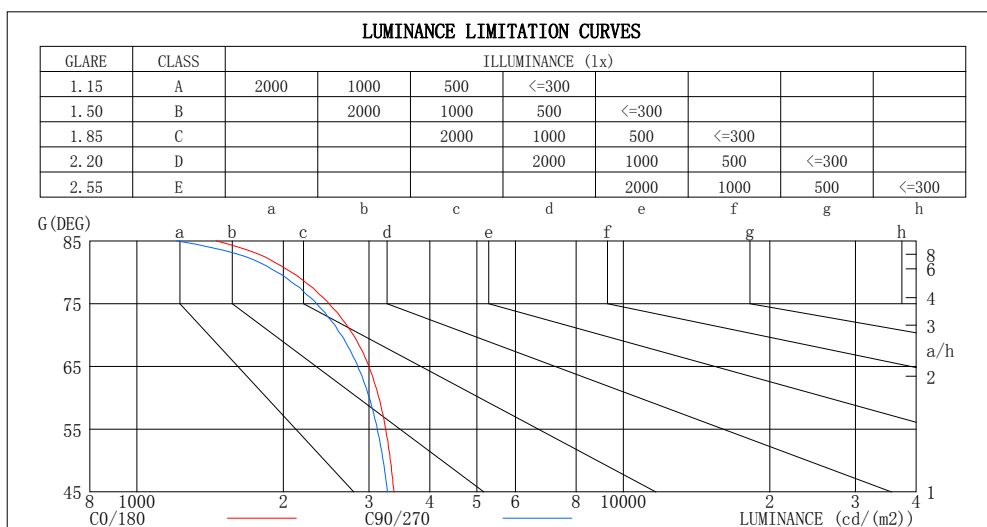
Checker: Harry Huang

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:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1456	1205
80	2077	1942
75	2484	2339
70	2786	2631
65	2998	2844
60	3144	3004
55	3249	3119
50	3319	3208
45	3378	3274

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-5

Checker: Harry Huang

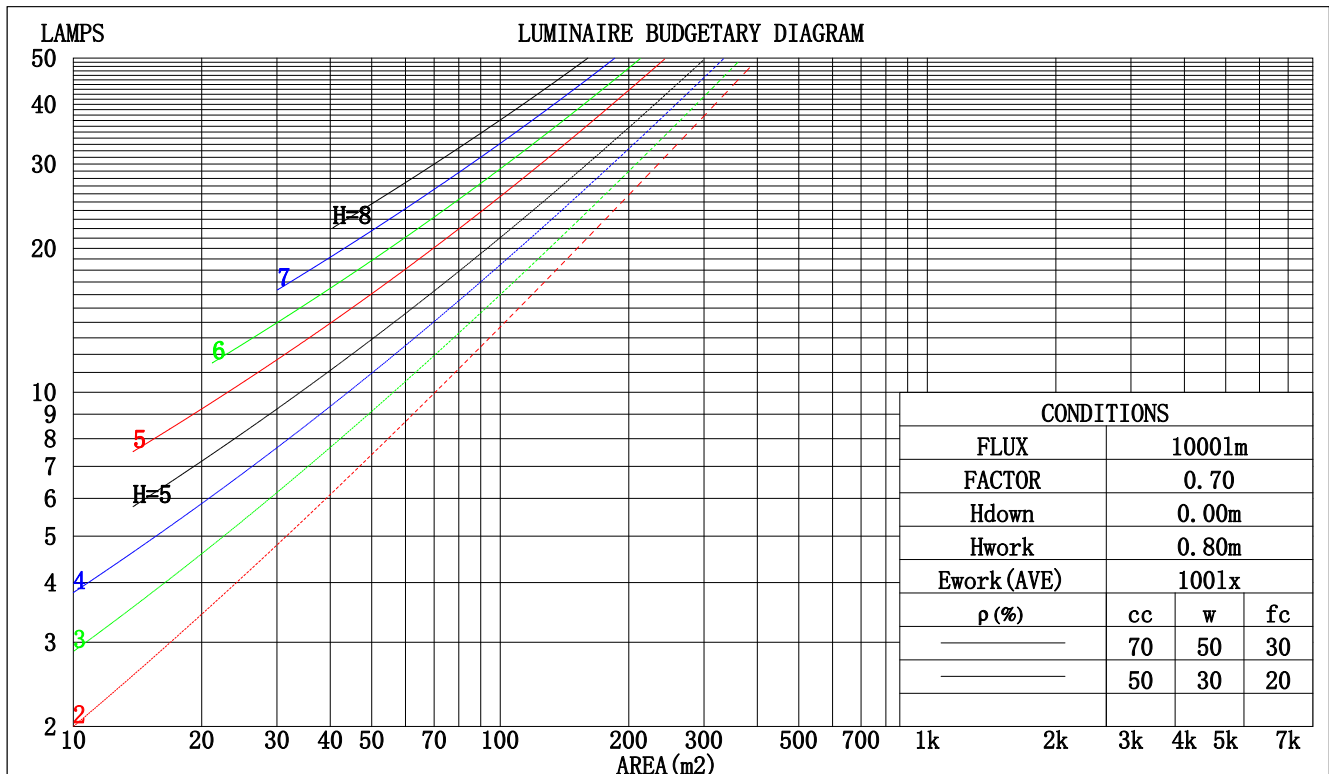
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 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	.70
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:2017-05-5

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:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 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	.308	.175	.056	.301	.172	.055	.288	.165	.053	.276	.159	.051	.265	.153	.049		
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045		
3.0	.270	.144	.043	.264	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040		
4.0	.249	.130	.038	.244	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.230	.117	.034	.226	.116	.034	.218	.113	.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	.171	.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	.051	.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:2017-05-5

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:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 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		13.1	14.6	13.4	14.8	15.0	12.9	14.4	13.2	14.6	14.8
	3H	14.5	16.0	14.8	16.2	16.4	14.3	15.7	14.6	16.0	16.2
	4H	15.1	16.4	15.4	16.7	16.9	14.8	16.2	15.2	16.4	16.7
	6H	15.4	16.7	15.8	17.0	17.3	15.2	16.4	15.5	16.7	17.0
	8H	15.5	16.7	15.9	17.0	17.3	15.3	16.5	15.6	16.8	17.1
	12H	15.6	16.7	15.9	17.0	17.3	15.3	16.4	15.6	16.7	17.1
4H	2H	13.6	15.0	14.0	15.2	15.5	13.5	14.8	13.8	15.1	15.4
	3H	15.3	16.5	15.6	16.8	17.1	15.1	16.3	15.5	16.6	16.9
	4H	15.9	17.0	16.3	17.3	17.7	15.7	16.8	16.1	17.1	17.5
	6H	16.4	17.3	16.8	17.7	18.1	16.2	17.1	16.6	17.5	17.9
	8H	16.5	17.4	16.9	17.8	18.2	16.3	17.2	16.7	17.6	17.9
	12H	16.6	17.4	17.0	17.8	18.2	16.4	17.2	16.8	17.6	18.0
8H	4H	16.1	17.0	16.6	17.4	17.8	16.0	16.9	16.4	17.2	17.6
	6H	16.7	17.5	17.2	17.9	18.3	16.5	17.3	17.0	17.7	18.1
	8H	16.9	17.6	17.4	18.0	18.5	16.7	17.4	17.2	17.8	18.3
	12H	17.0	17.6	17.5	18.1	18.5	16.8	17.4	17.3	17.8	18.3
12H	4H	16.1	17.0	16.6	17.3	17.8	16.0	16.8	16.4	17.2	17.6
	6H	16.8	17.4	17.2	17.8	18.3	16.6	17.2	17.0	17.7	18.1
	8H	17.0	17.5	17.5	18.0	18.5	16.8	17.3	17.3	17.8	18.3
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 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 3052 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.9$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-5

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:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 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	73	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					SHR _{NOM} = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017-05-5

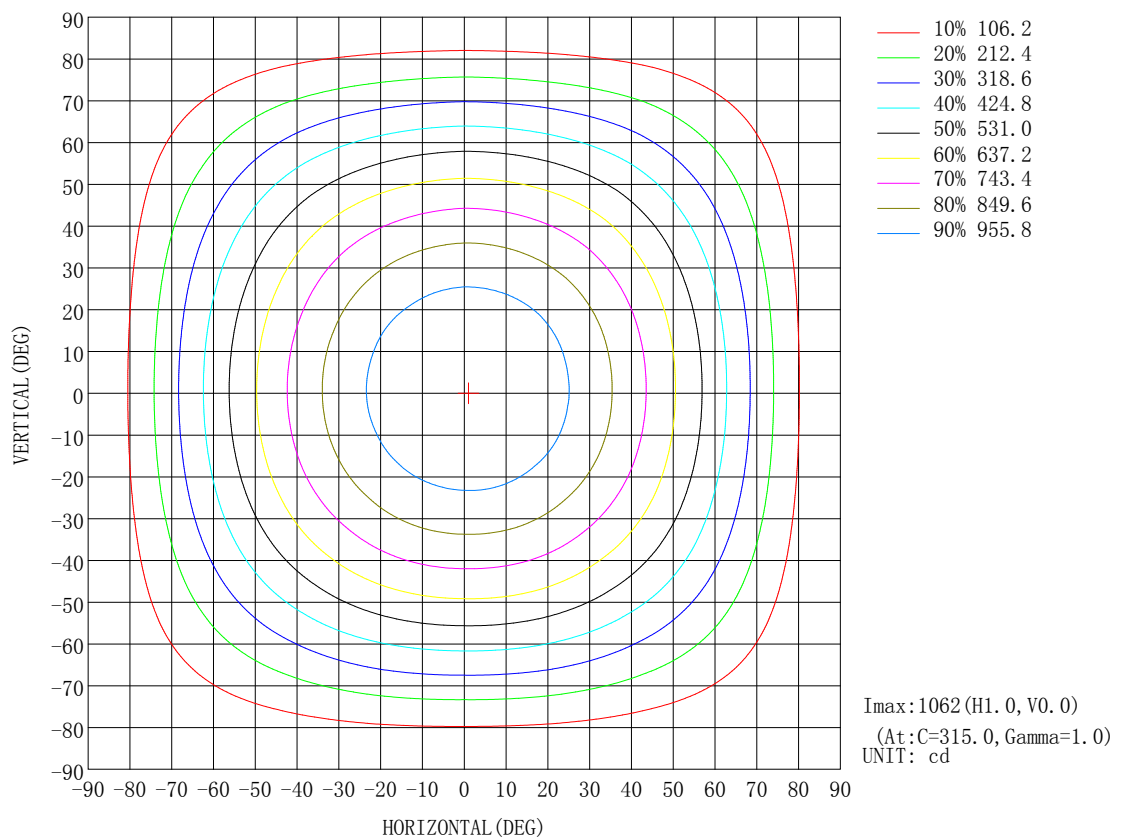
Checker: Harry Huang

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:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 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:2017-05-5

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

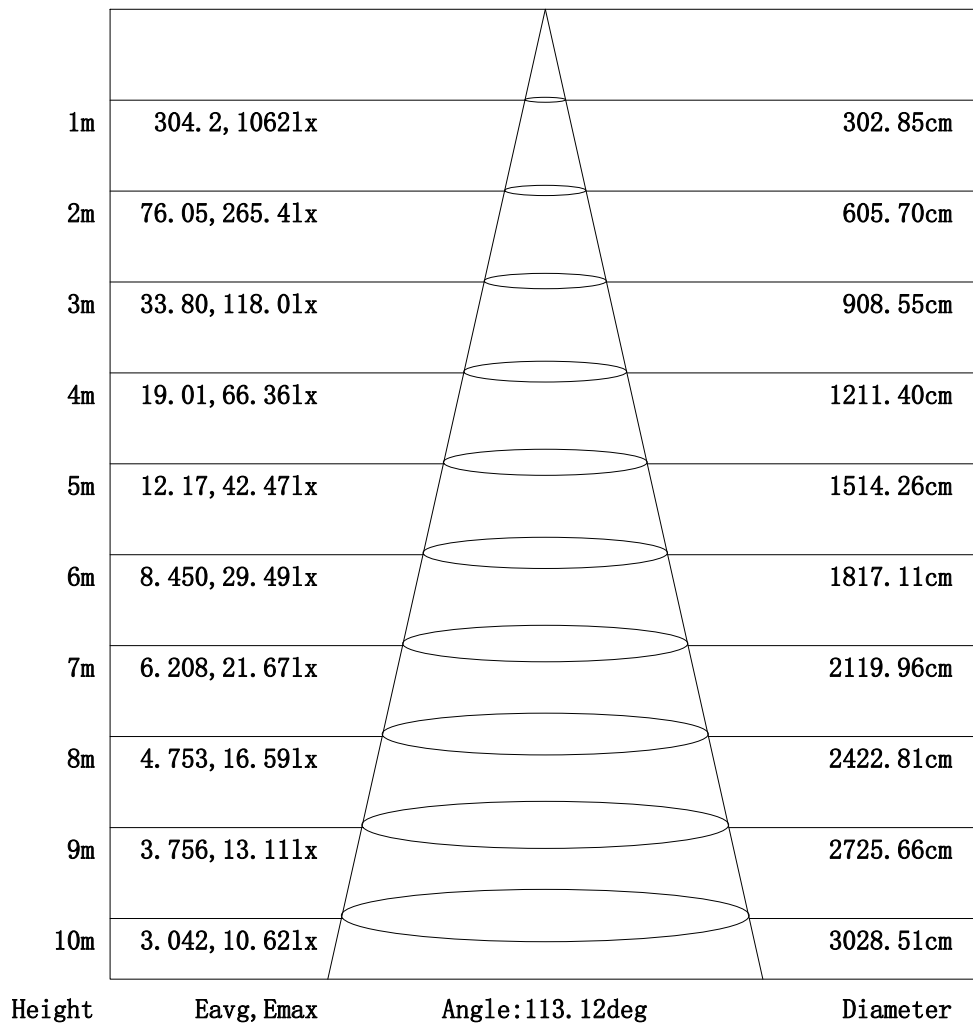
Checker: Harry Huang

Assessor: Akin Xu

AAI Figure

Test:U:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Flux out:2266 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:2017-05-5

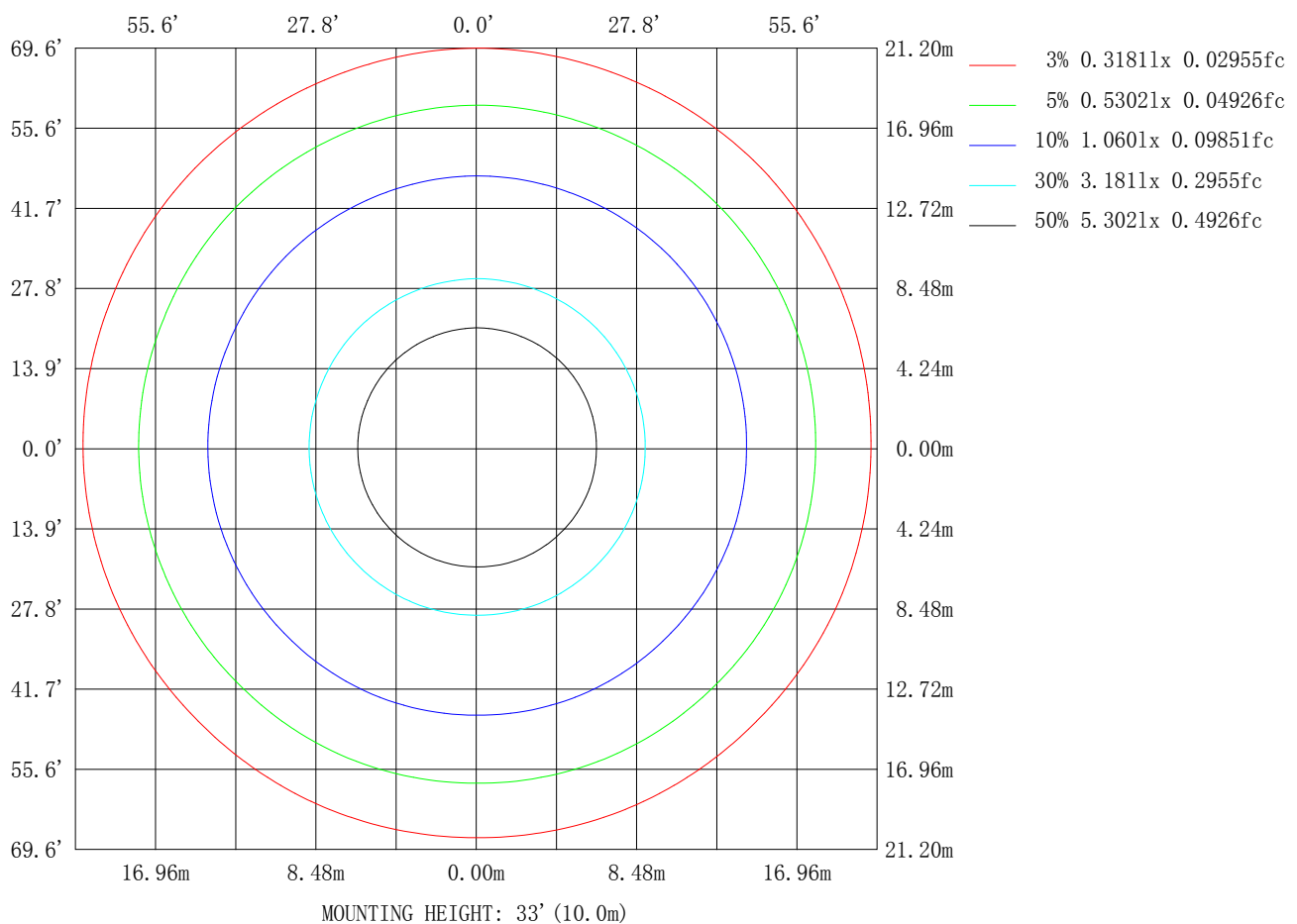
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 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:2017-05-5

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

LED Avg.L Report

Test:U:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	2982
L_0~180(75)av	2506
L_0~180(85)av	1563
L_90~270(65)av	3006
L_90~270(75)av	2598
L_90~270(85)av	1801
L_45(65)av	2993
L_45(75)av	2568
L_45(85)av	1695

Standard: GB/T 29293-2012

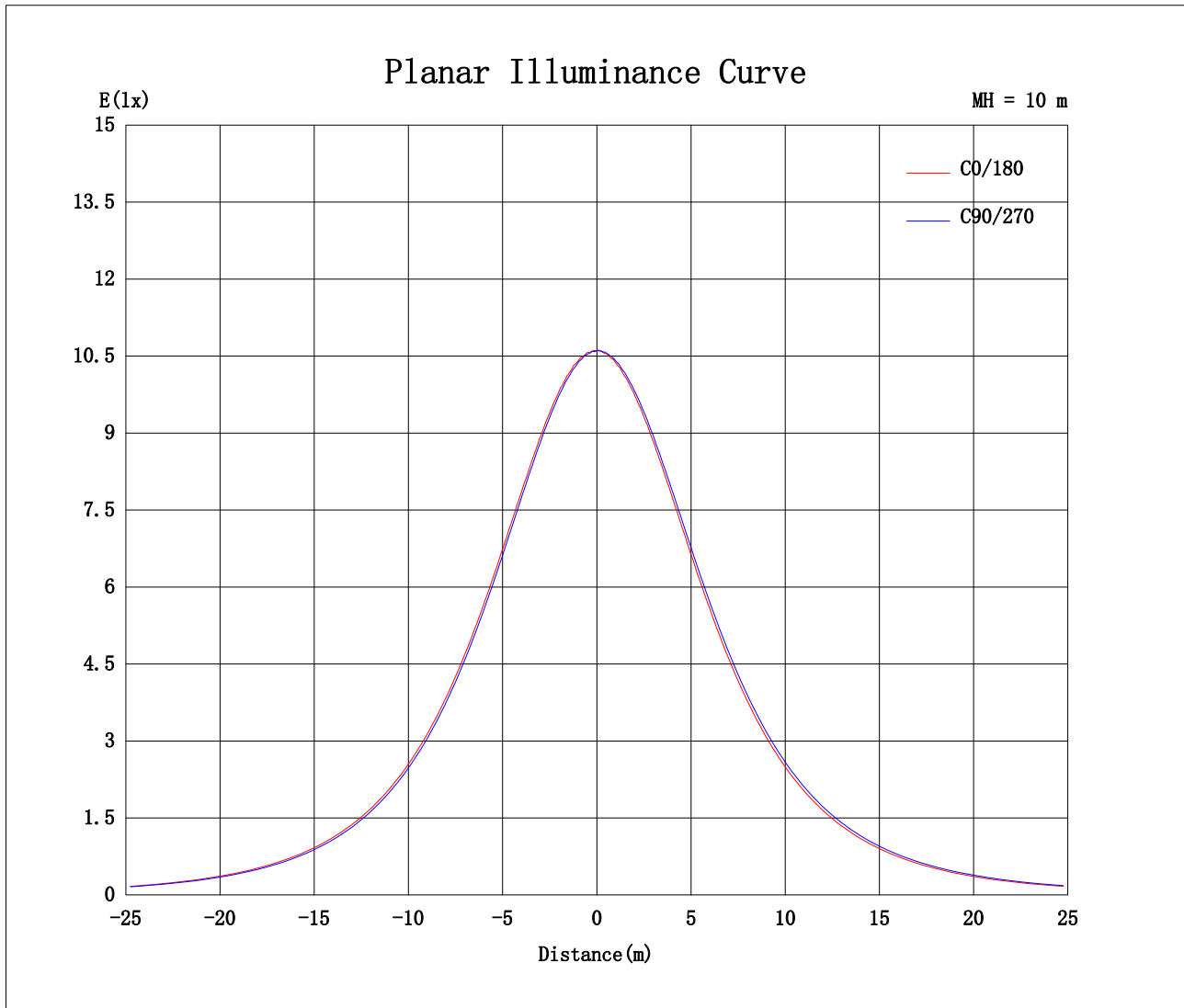
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-5

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

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017-05-5

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0996A P:22.95W PF:0.9586 Freq:50.00Hz Lamp Flux:3052.45x1 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	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061			
5	1059	1056	1055	1057	1053	1054	1055	1053	1056	1053	1055	1059	1058	1058	1060	1057			
10	1045	1045	1042	1041	1038	1038	1037	1038	1039	1041	1043	1044	1046	1047	1048	1047			
15	1026	1021	1018	1019	1014	1014	1014	1012	1017	1015	1019	1024	1026	1026	1029	1025			
20	995	992	988	985	981	980	979	980	982	985	990	992	996	998	999	997			
25	957	952	946	947	940	939	939	938	943	943	949	956	959	960	963	957			
30	908	906	900	897	891	890	888	890	893	896	903	908	914	915	916	913			
35	855	850	843	841	834	833	833	833	839	840	848	855	860	861	864	857			
40	791	788	780	777	770	770	767	770	775	779	788	793	800	801	802	797			
45	723	717	709	708	700	700	699	700	707	709	719	726	733	733	735	727			
50	646	641	633	630	624	624	622	626	632	636	646	651	659	659	660	653			
55	564	558	550	548	541	543	541	545	553	555	566	572	579	579	580	571			
60	476	471	462	460	454	456	454	460	467	471	482	486	494	493	493	485			
65	383	379	370	369	363	366	365	371	379	382	393	399	405	403	403	393			
70	288	284	276	276	272	275	275	280	288	292	303	307	313	311	310	299			
75	195	191	186	186	183	186	186	190	198	202	213	218	224	220	219	206			
80	109	106	102	104	102	105	105	107	114	119	128	133	137	135	131	120			
85	38.4	36.1	31.9	33.2	31.8	35.1	35.3	38.8	44.0	47.2	55.2	59.7	63.2	60.5	56.5	47.5			
90	0.14	0.11	0.14	0.12	0.14	0.12	0.14	0.12	0.12	2.14	0.35	4.45	1.98	4.46	0.35	1.79			
95	0.14	0.13	0.14	0.14	0.15	0.14	0.15	0.14	0.11	0.12	0.11	0.12	0.11	0.12	0.11	0.12			
100	0.17	0.16	0.17	0.16	0.17	0.16	0.17	0.16	0.12	0.13	0.12	0.12	0.12	0.12	0.12	0.13			
105	0.20	0.19	0.19	0.19	0.19	0.19	0.20	0.19	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14			
110	0.24	0.23	0.22	0.23	0.22	0.22	0.22	0.23	0.17	0.18	0.17	0.17	0.16	0.17	0.17	0.18			
115	0.29	0.27	0.27	0.26	0.25	0.26	0.26	0.28	0.23	0.23	0.22	0.22	0.21	0.22	0.22	0.22			
120	0.36	0.33	0.32	0.33	0.30	0.30	0.30	0.34	0.30	0.30	0.29	0.29	0.28	0.29	0.28	0.29			
125	0.42	0.40	0.38	0.39	0.35	0.35	0.37	0.42	0.38	0.39	0.37	0.38	0.37	0.37	0.37	0.38			
130	0.49	0.47	0.44	0.46	0.42	0.42	0.43	0.49	0.48	0.48	0.47	0.48	0.46	0.47	0.46	0.47			
135	0.60	0.58	0.56	0.56	0.53	0.52	0.53	0.59	0.59	0.60	0.59	0.60	0.59	0.59	0.59	0.59			
140	0.70	0.70	0.69	0.68	0.66	0.65	0.65	0.67	0.75	0.77	0.78	0.79	0.79	0.79	0.79	0.77			
145	0.80	0.82	0.81	0.81	0.78	0.76	0.77	0.76	0.97	1.01	1.03	1.06	1.07	1.07	1.04	1.00			
150	0.88	0.93	0.91	0.88	0.86	0.83	0.86	0.85	1.21	1.25	1.29	1.33	1.32	1.33	1.29	1.25			
155	0.99	1.04	1.02	0.98	0.94	0.93	0.98	0.97	1.46	1.49	1.52	1.56	1.55	1.54	1.51	1.49			
160	1.11	1.14	1.13	1.07	1.02	1.02	1.09	1.07	1.64	1.65	1.71	1.73	1.69	1.72	1.66	1.67			
165	1.16	1.21	1.16	1.07	1.05	1.05	1.10	1.12	1.71	1.73	1.79	1.80	1.77	1.74	1.74	1.70			
170	1.24	1.26	1.21	1.09	1.09	1.04	1.13	1.18	1.74	1.73	1.72	1.68	1.68	1.63	1.67	1.68			
175	1.35	1.36	1.32	1.21	1.15	1.14	1.23	1.29	1.62	1.62	1.60	1.51	1.49	1.48	1.54	1.56			
180	1.47	1.48	1.44	1.32	1.30	1.28	1.37	1.38	1.47	1.48	1.44	1.32	1.30	1.28	1.37	1.38			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:DAMIN

Test Date:2017-05-5

γ Range: 0 - 180DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354

Humidity:65.0%

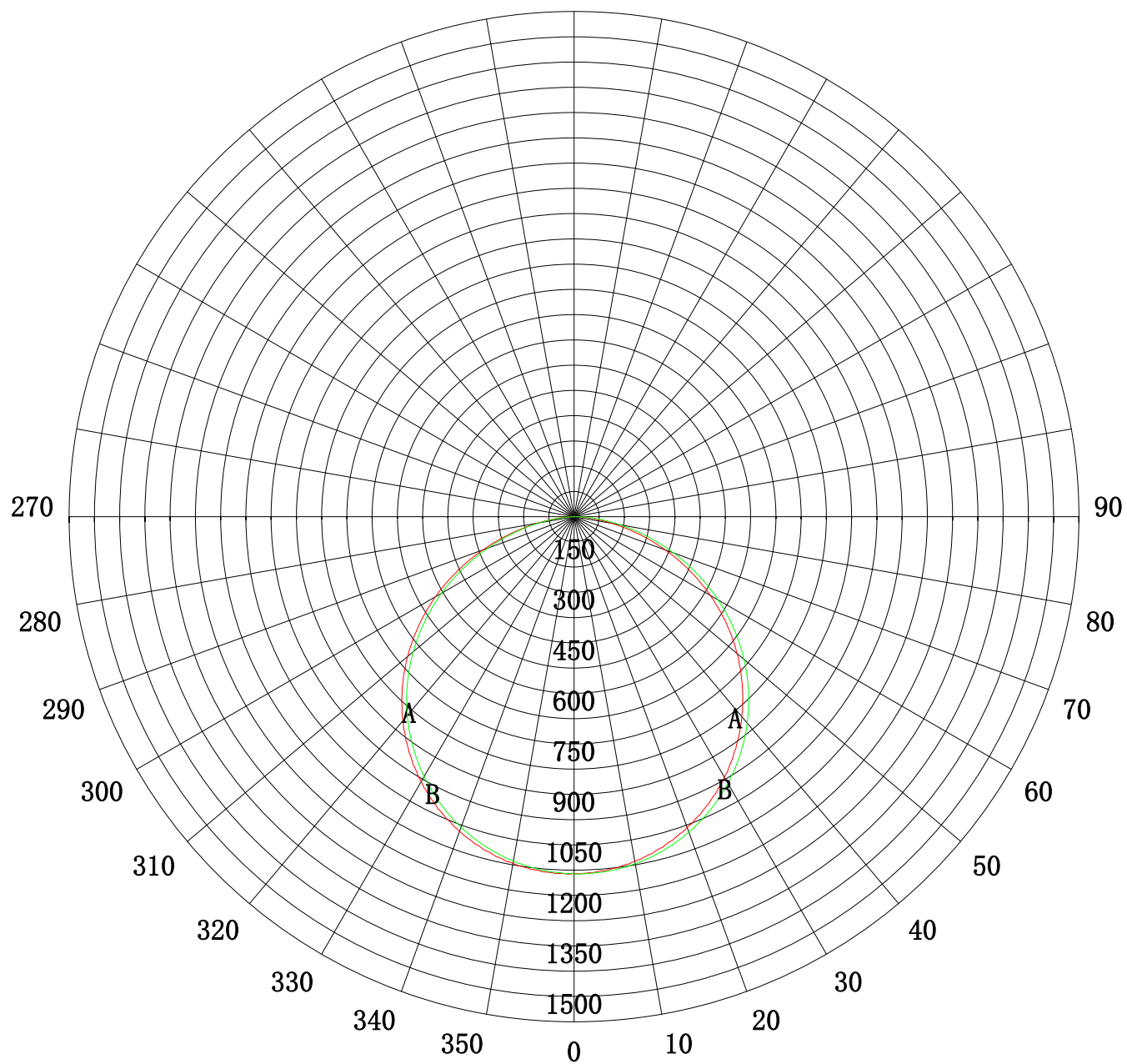
Test Distance:2.675m [K=1.0000]

Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

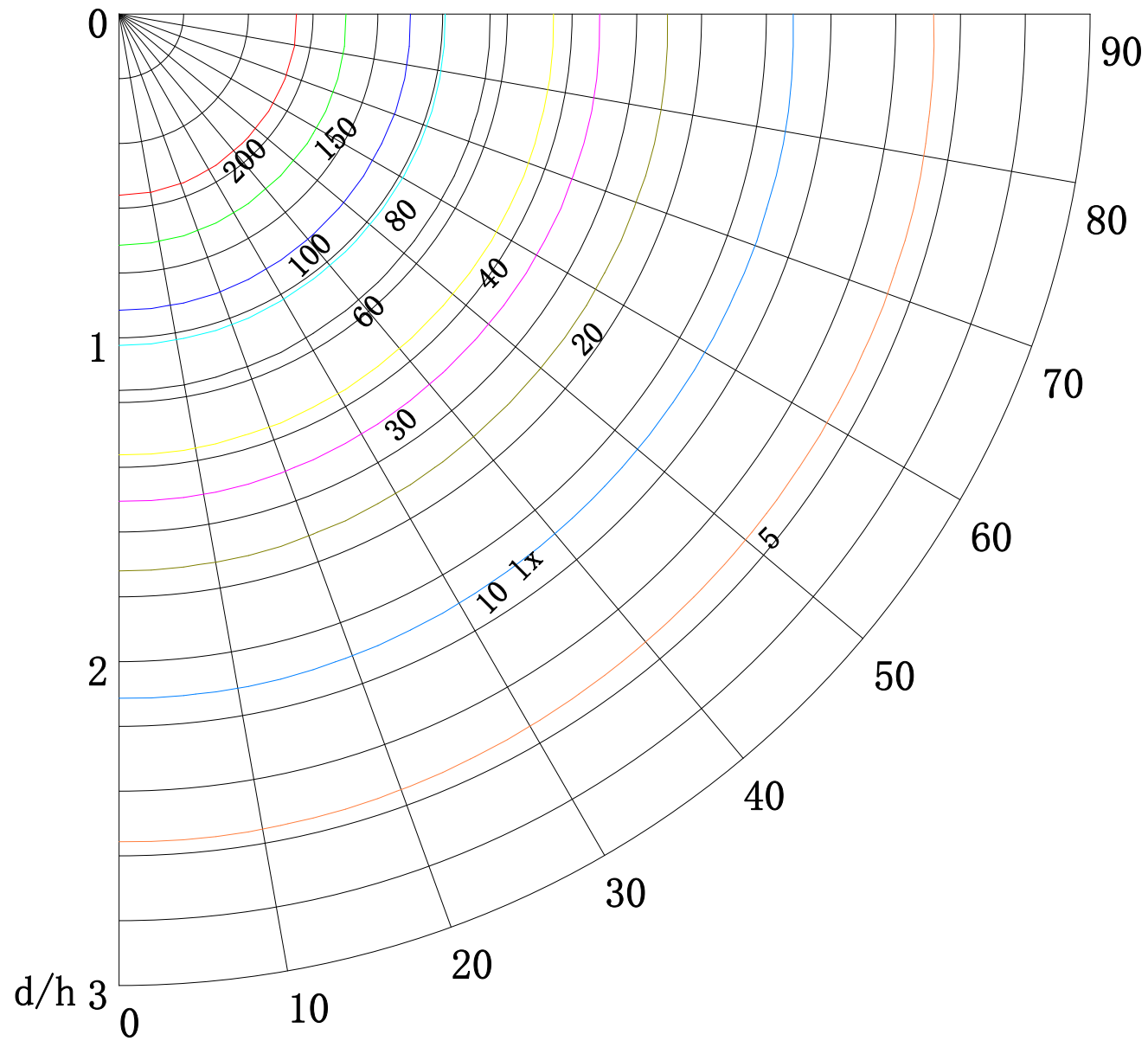
Assessor: Akin Xu

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

