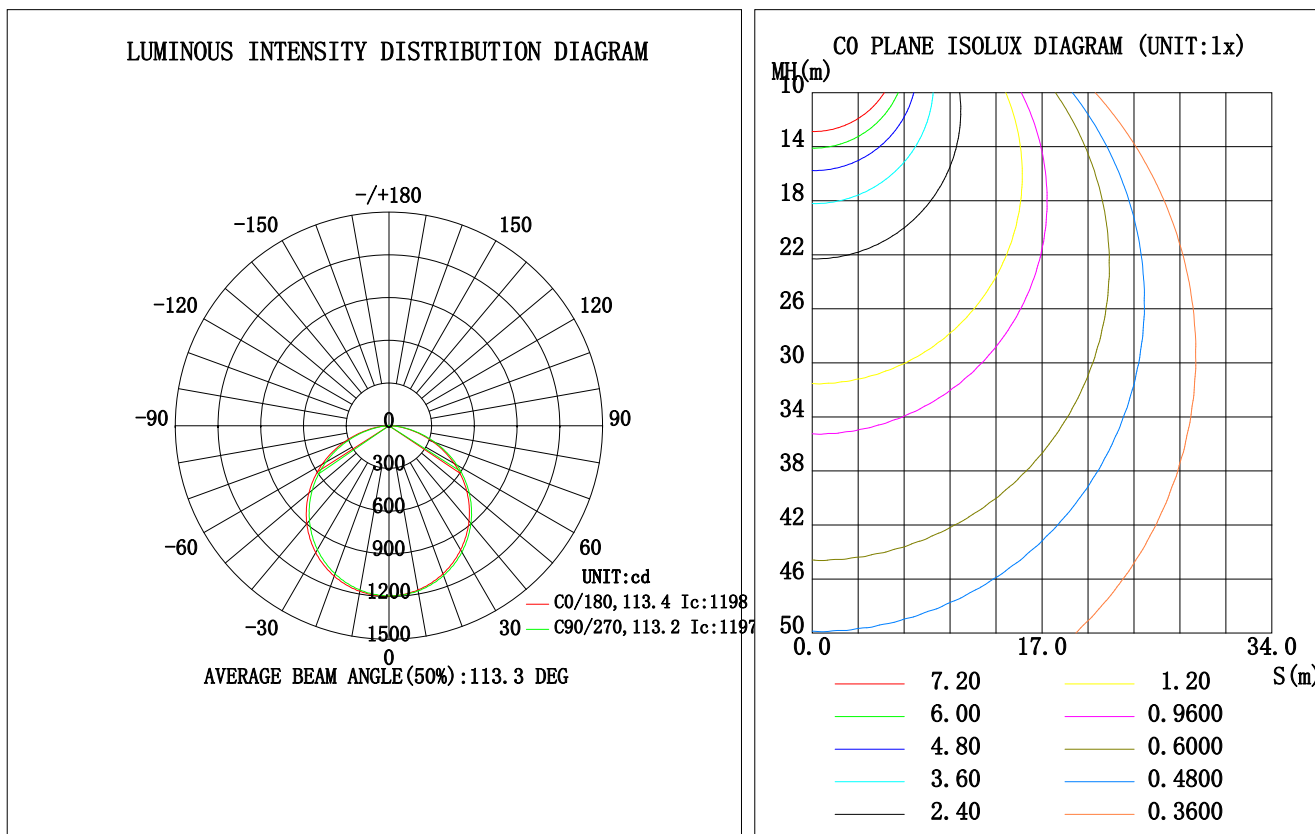


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 121.71 lm/W
MODEL	ULPL6060-30W	I _{max} (cd)	1198	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3443.2	η UP, DN(C0-180)	0.0, 49.2	
NOMINAL FLUX(lm)	3443.23	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 50.7	
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	Φ zone	Φ total	%lum, lamp
5	1195	1192	1189	1189	1190	1191	1193	1195	0- 5	28.53	28.53	0.83, 0.83
10	1179	1175	1171	1168	1170	1173	1177	1181	5- 10	84.63	113.2	3.29, 3.29
15	1158	1152	1144	1142	1145	1149	1154	1160	10- 15	137.9	251.1	7.29, 7.29
20	1123	1115	1107	1103	1106	1112	1119	1126	15- 20	186.6	437.7	12.7, 12.7
25	1082	1073	1061	1058	1062	1069	1078	1085	20- 25	229.1	666.8	19.4, 19.4
30	1029	1017	1005	1001	1006	1014	1024	1032	25- 30	264.0	930.8	27.27
35	969.1	955.5	941.3	938.4	944.6	953.4	964.2	973.0	30- 35	290.1	1221	35.5, 35.5
40	897.6	882.7	869.4	865.5	873.1	883.1	894.8	903.0	35- 40	306.7	1528	44.4, 44.4
45	820.8	804.9	790.2	787.7	796.8	807.7	819.6	828.1	40- 45	313.0	1841	53.5, 53.5
50	734.2	717.3	703.9	701.7	711.9	723.3	735.0	742.5	45- 50	308.7	2149	62.4, 62.4
55	642.4	625.1	610.7	610.5	623.0	634.5	646.2	653.0	50- 55	293.9	2443	71.71
60	542.6	524.9	513.0	513.4	527.2	539.1	550.1	554.9	55- 60	268.9	2712	78.8, 78.8
65	440.0	422.0	409.8	412.5	428.3	440.5	450.4	453.9	60- 65	234.6	2947	85.6, 85.6
70	333.4	316.1	305.9	310.7	327.8	338.9	346.6	348.6	65- 70	192.5	3139	91.2, 91.2
75	228.8	213.5	203.8	210.9	227.9	239.7	244.8	245.6	70- 75	144.9	3284	95.4, 95.4
80	131.3	117.9	111.1	118.8	134.4	144.6	148.2	147.0	75- 80	95.29	3379	98.1, 98.1
85	48.32	36.86	33.04	40.81	54.71	63.85	66.84	63.33	80- 85	48.98	3428	99.6, 99.6
90	0.2607	0.1540	0.1512	0.1566	0.1394	0.6477	2.345	0.5826	85- 90	11.46	3440	99.9, 99.9
95	0.1601	0.1613	0.1610	0.1628	0.1213	0.1202	0.1186	0.1218	90- 95	0.1357	3440	99.9, 99.9
100	0.1907	0.1853	0.1894	0.1901	0.1405	0.1360	0.1337	0.1367	95-100	0.0820	3440	99.9, 99.9
105	0.2247	0.2134	0.2184	0.2212	0.1634	0.1567	0.1570	0.1579	100-105	0.0933	3440	99.9, 99.9
110	0.2702	0.2468	0.2513	0.2528	0.2001	0.1884	0.1887	0.1890	105-110	0.1073	3440	99.9, 99.9
115	0.3327	0.2983	0.2881	0.2950	0.2611	0.2443	0.2434	0.2439	110-115	0.1258	3440	99.9, 99.9
120	0.4010	0.3633	0.3411	0.3459	0.3414	0.3225	0.3228	0.3184	115-120	0.1508	3440	99.9, 99.9
125	0.4819	0.4356	0.3978	0.4324	0.4393	0.4222	0.4188	0.4117	120-125	0.1797	3441	99.9, 99.9
130	0.5607	0.5075	0.4833	0.4972	0.5490	0.5268	0.5245	0.5137	125-130	0.2077	3441	99.9, 99.9
135	0.6829	0.6350	0.6123	0.6108	0.6771	0.6639	0.6748	0.6589	130-135	0.2366	3441	99.9, 99.9
140	0.7971	0.7877	0.7610	0.7400	0.8602	0.8841	0.8887	0.8880	135-140	0.2731	3441	99.9, 99.9
145	0.9031	0.9218	0.8939	0.8742	1.111	1.165	1.216	1.172	140-145	0.3085	3442	100, 100
150	0.9995	1.037	0.9844	0.9722	1.382	1.463	1.502	1.460	145-150	0.3326	3442	100, 100
155	1.120	1.166	1.070	1.115	1.656	1.725	1.762	1.704	150-155	0.3338	3442	100, 100
160	1.262	1.279	1.164	1.242	1.868	1.944	1.914	1.876	155-160	0.3145	3443	100, 100
165	1.315	1.315	1.199	1.248	1.940	2.038	2.013	1.965	160-165	0.2633	3443	100, 100
170	1.401	1.382	1.244	1.288	1.974	1.952	1.905	1.897	165-170	0.1932	3443	100, 100
175	1.533	1.510	1.311	1.397	1.833	1.804	1.691	1.746	170-175	0.1145	3443	100, 100
180	1.675	1.638	1.478	1.554	1.676	1.638	1.478	1.553	175-180	0.0378	3443	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1840.5 lm

%lum = 53.5%

%lamp = 53.5%

Conical surface Flux(120deg): 2712.1 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

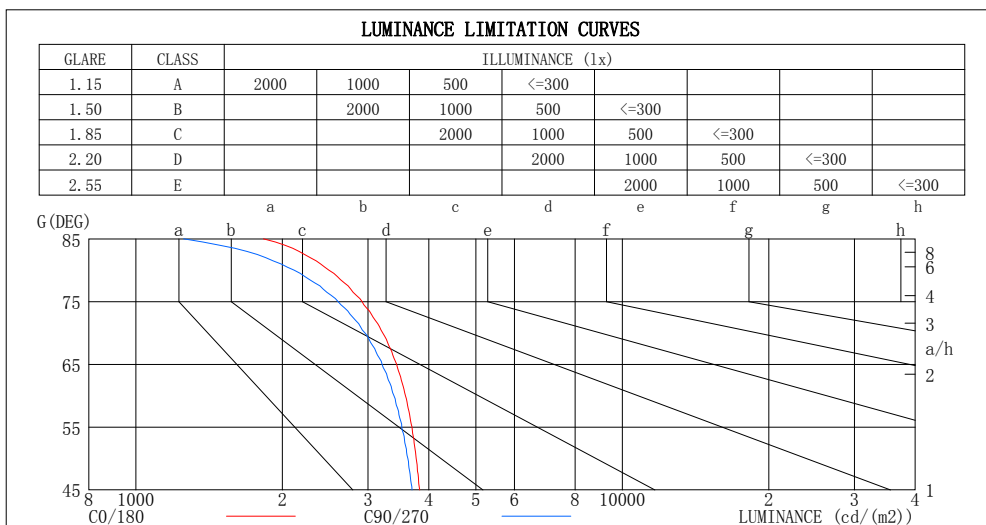
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1830	1254
80	2495	2116
75	2918	2604
70	3217	2958
65	3436	3207
60	3581	3393
55	3696	3521
50	3769	3622
45	3831	3696

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

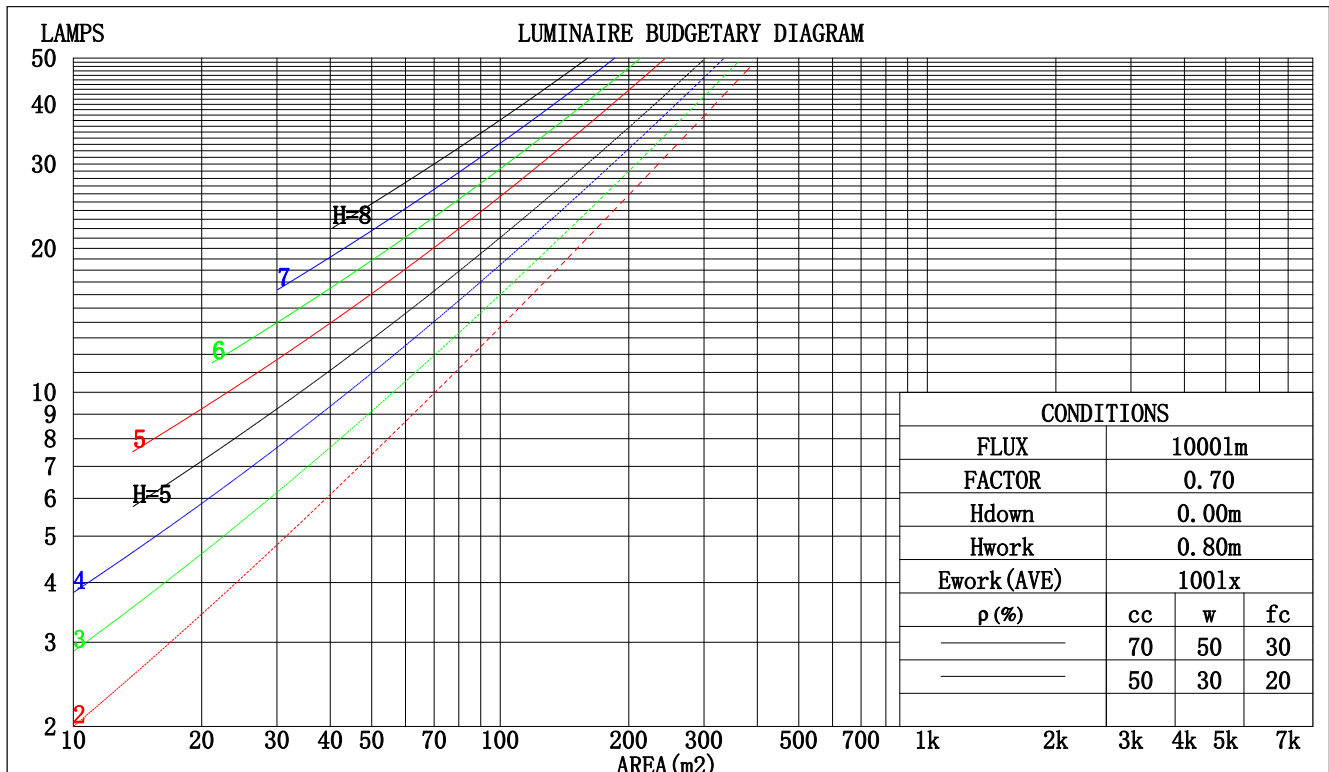
Checker: Harry Huang

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 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	.37
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:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 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	.154	.050		
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.263	.147	.046	.253	.143	.045		
3.0	.270	.144	.043	.265	.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	.190	.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	.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:2017-05-06

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:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 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	14.7	13.4	14.9	15.1	12.9	14.4	13.2	14.7	14.9
	3H	14.6	16.0	14.9	16.3	16.5	14.3	15.7	14.6	16.0	16.2
	4H	15.2	16.5	15.5	16.8	17.1	14.9	16.2	15.2	16.4	16.7
	6H	15.6	16.8	15.9	17.1	17.4	15.2	16.4	15.5	16.7	17.0
	8H	15.7	16.9	16.0	17.2	17.5	15.2	16.5	15.6	16.7	17.0
	12H	15.7	16.9	16.1	17.2	17.5	15.2	16.4	15.6	16.7	17.0
4H	2H	13.7	15.0	14.0	15.3	15.6	13.5	14.9	13.9	15.1	15.4
	3H	15.4	16.5	15.7	16.8	17.1	15.1	16.3	15.5	16.6	16.9
	4H	16.1	17.1	16.4	17.5	17.8	15.8	16.8	16.1	17.1	17.5
	6H	16.5	17.5	17.0	17.9	18.2	16.2	17.1	16.6	17.5	17.8
	8H	16.7	17.6	17.1	18.0	18.3	16.3	17.2	16.7	17.5	17.9
	12H	16.8	17.6	17.2	18.0	18.4	16.3	17.1	16.7	17.5	17.9
8H	4H	16.3	17.2	16.7	17.5	17.9	16.0	16.9	16.4	17.2	17.6
	6H	16.9	17.6	17.3	18.0	18.5	16.5	17.3	17.0	17.7	18.1
	8H	17.1	17.8	17.6	18.2	18.6	16.7	17.4	17.2	17.8	18.2
	12H	17.2	17.8	17.7	18.3	18.7	16.8	17.4	17.3	17.8	18.3
12H	4H	16.3	17.1	16.7	17.5	17.9	16.0	16.8	16.4	17.2	17.6
	6H	16.9	17.6	17.4	18.0	18.4	16.6	17.2	17.0	17.7	18.1
	8H	17.2	17.7	17.6	18.2	18.7	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 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 3443 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.3$)

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:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 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	94	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

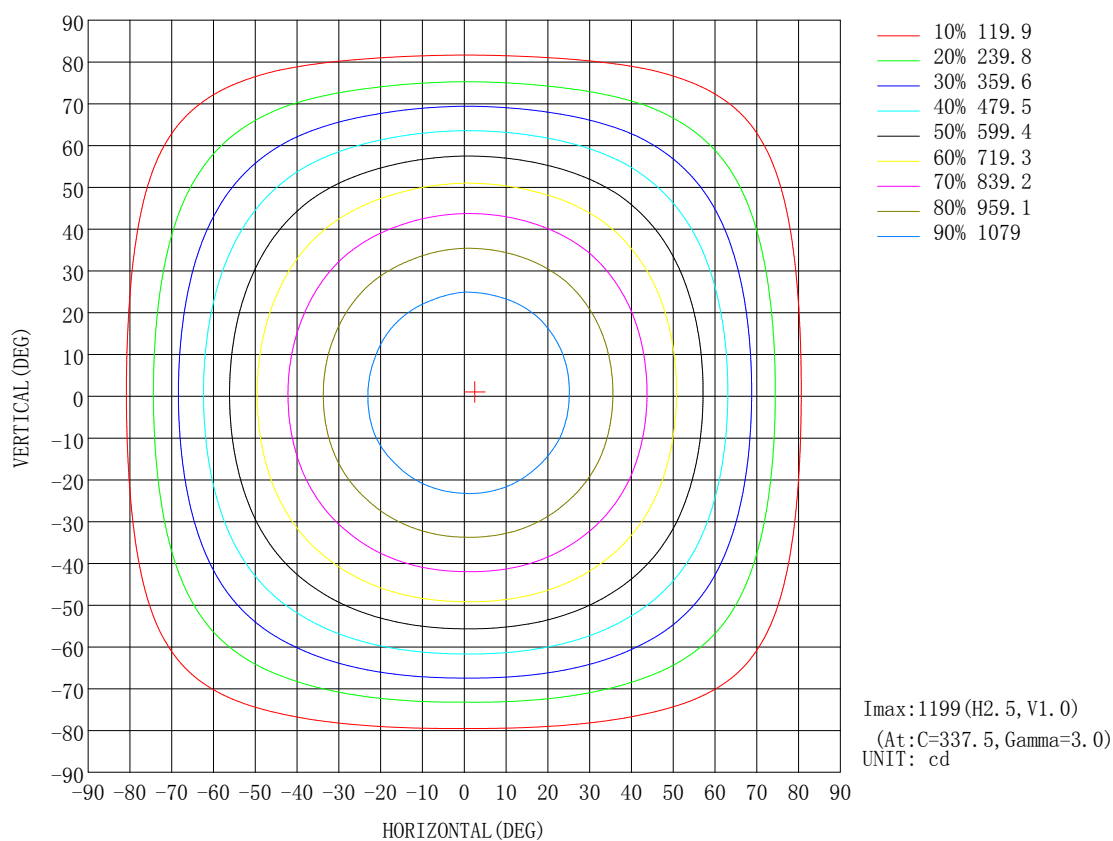
Checker: Harry Huang

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:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 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

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

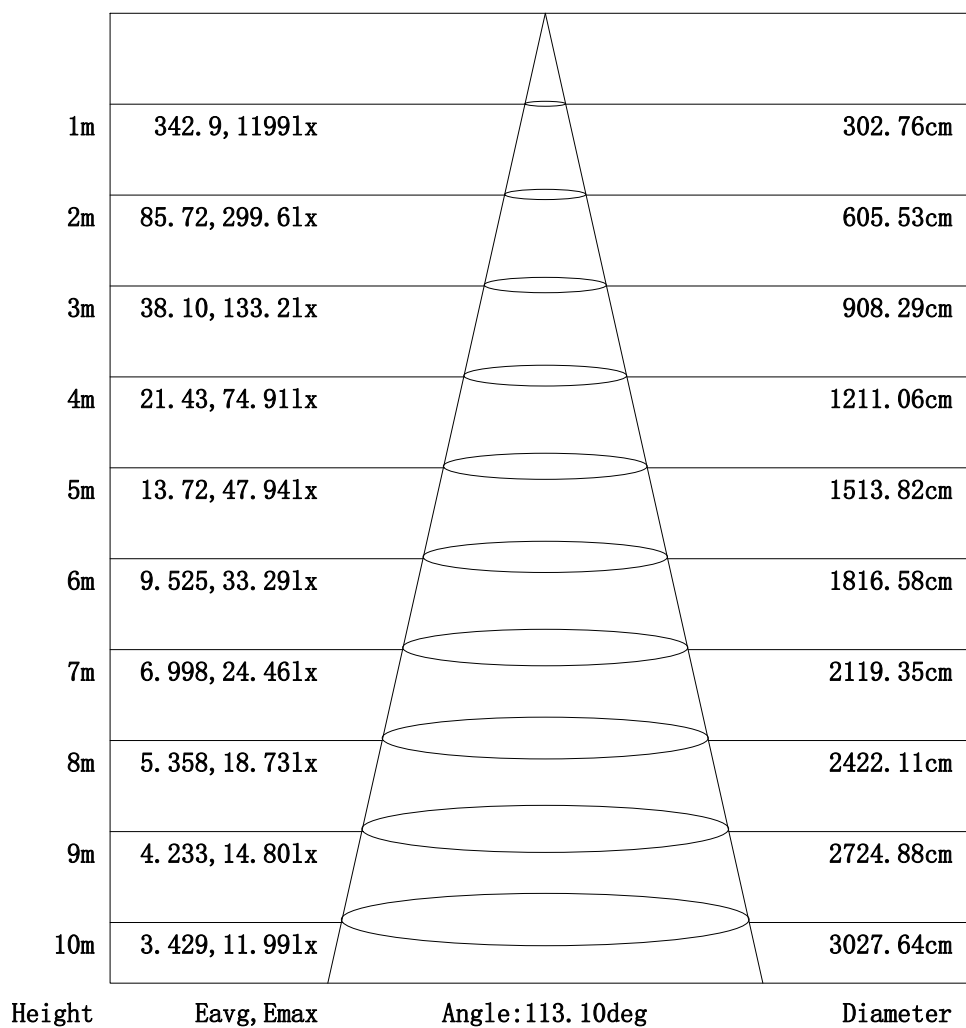
Checker: Harry Huang

Assessor: Akin Xu

AAI Figure

Test:U:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Flux out:2554 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

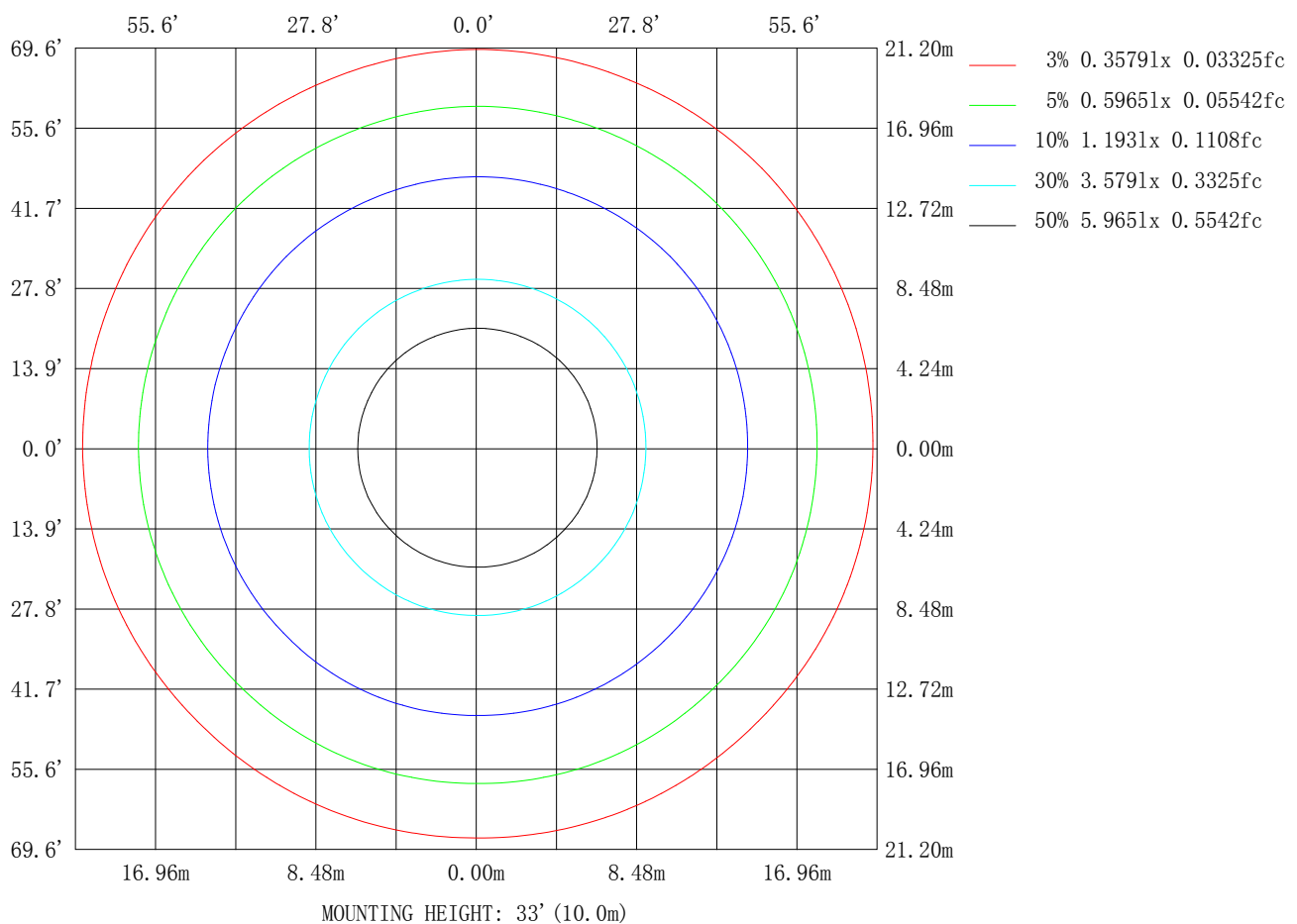
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 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

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:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	3396
L_0~180(75)av	2917
L_0~180(85)av	1954
L_90~270(65)av	3364
L_90~270(75)av	2865
L_90~270(85)av	1894
L_45(65)av	3381
L_45(75)av	2905
L_45(85)av	1942

Standard: GB/T 29293-2012

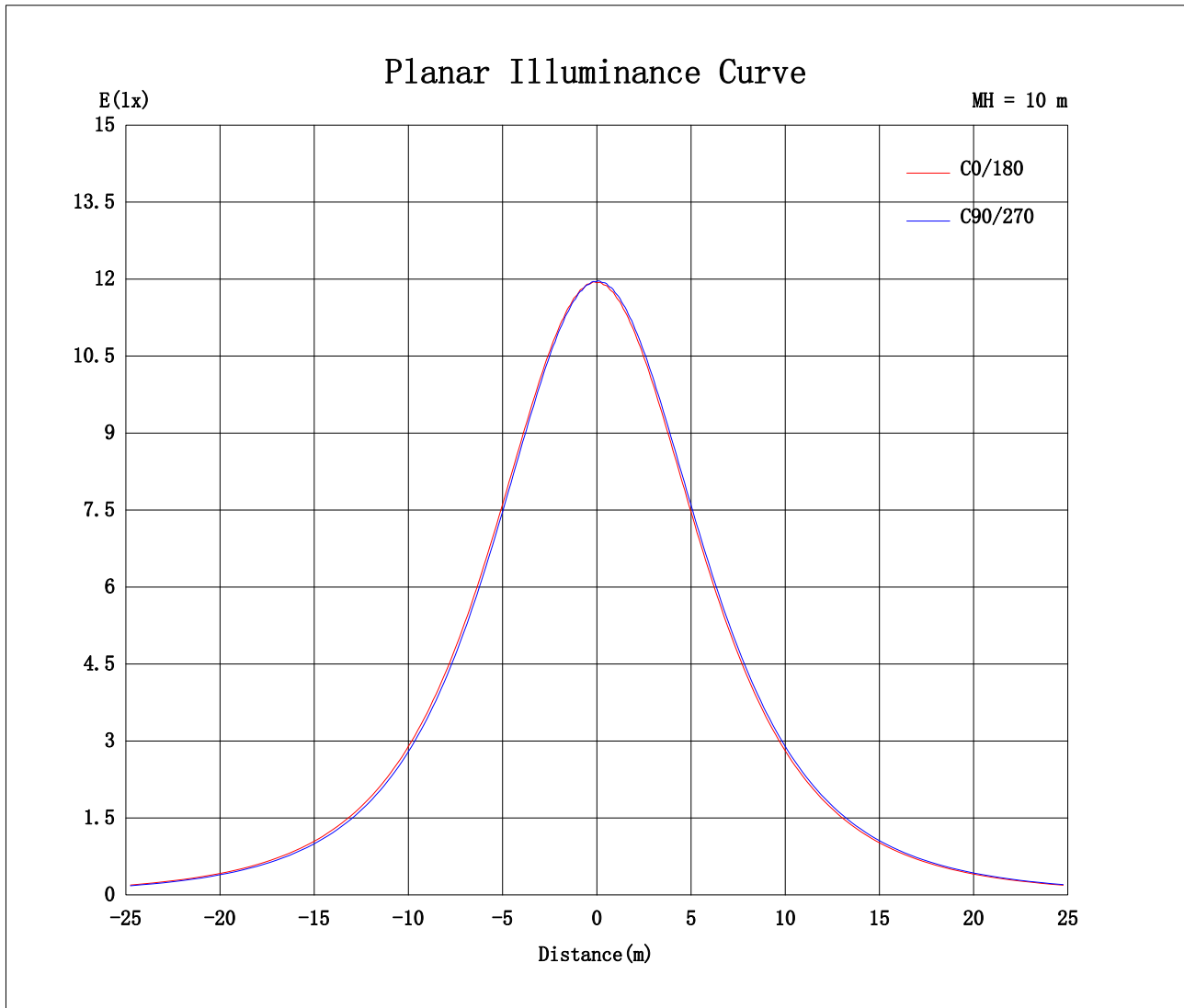
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

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: 2017-05-06

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.1274A P:28.29W PF:0.9242 Freq:50.00Hz Lamp Flux:3443.23x1 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	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195			
5	1195	1192	1192	1191	1189	1188	1189	1190	1190	1188	1191	1191	1193	1192	1195	1196			
10	1179	1178	1175	1174	1171	1170	1168	1169	1170	1170	1173	1175	1177	1179	1181	1179			
15	1158	1156	1152	1149	1144	1143	1142	1144	1145	1143	1149	1151	1154	1155	1160	1160			
20	1123	1119	1115	1112	1107	1105	1103	1104	1106	1107	1112	1115	1119	1122	1126	1124			
25	1082	1079	1073	1068	1061	1059	1058	1060	1062	1062	1069	1071	1078	1079	1085	1085			
30	1029	1023	1017	1012	1005	1003	1001	1003	1006	1007	1014	1018	1024	1027	1032	1030			
35	969	964	955	950	941	940	938	942	945	945	953	956	964	966	973	972			
40	898	892	883	877	869	868	866	870	873	875	883	887	895	898	903	900			
45	821	815	805	799	790	789	788	793	797	798	808	811	820	821	828	826			
50	734	728	717	712	704	704	702	707	712	715	723	727	735	738	743	738			
55	642	636	625	619	611	612	611	617	623	624	635	638	646	647	653	649			
60	543	536	525	520	513	514	513	522	527	530	539	542	550	551	555	549			
65	440	434	422	418	410	413	413	421	428	431	441	442	450	449	454	448			
70	333	327	316	312	306	309	311	320	328	331	339	341	347	346	349	342			
75	229	224	214	210	204	209	211	220	228	231	240	240	245	243	246	238			
80	131	126	118	115	111	115	119	126	134	138	145	146	148	147	147	140			
85	48.3	44.5	36.9	35.4	33.0	37.6	40.8	48.1	54.7	58.2	63.8	65.3	66.8	65.3	63.3	56.8			
90	0.26	0.13	0.15	0.13	0.15	0.13	0.16	0.13	0.14	4.41	0.65	4.99	2.34	5.14	0.58	2.35			
95	0.16	0.15	0.16	0.15	0.16	0.15	0.16	0.15	0.12	0.13	0.12	0.13	0.12	0.13	0.12	0.13			
100	0.19	0.18	0.19	0.18	0.19	0.18	0.19	0.18	0.14	0.14	0.14	0.14	0.13	0.14	0.14	0.14			
105	0.22	0.22	0.21	0.22	0.22	0.21	0.22	0.21	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16			
110	0.27	0.26	0.25	0.26	0.25	0.25	0.25	0.26	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19			
115	0.33	0.31	0.30	0.30	0.29	0.29	0.30	0.32	0.26	0.26	0.24	0.25	0.24	0.24	0.24	0.25			
120	0.40	0.38	0.36	0.37	0.34	0.34	0.35	0.39	0.34	0.34	0.32	0.33	0.32	0.32	0.32	0.33			
125	0.48	0.45	0.44	0.44	0.40	0.40	0.43	0.47	0.44	0.44	0.42	0.44	0.42	0.42	0.41	0.43			
130	0.56	0.54	0.51	0.53	0.48	0.49	0.50	0.55	0.55	0.54	0.53	0.55	0.52	0.52	0.51	0.53			
135	0.68	0.67	0.64	0.64	0.61	0.61	0.61	0.67	0.68	0.68	0.66	0.68	0.67	0.66	0.66	0.67			
140	0.80	0.80	0.79	0.77	0.76	0.74	0.74	0.76	0.86	0.87	0.88	0.90	0.89	0.88	0.89	0.87			
145	0.90	0.94	0.92	0.92	0.89	0.87	0.87	0.87	1.11	1.14	1.16	1.20	1.22	1.20	1.17	1.13			
150	1.00	1.05	1.04	1.00	0.98	0.95	0.97	0.96	1.38	1.42	1.46	1.50	1.50	1.49	1.46	1.42			
155	1.12	1.18	1.17	1.11	1.07	1.06	1.11	1.09	1.66	1.69	1.72	1.78	1.76	1.74	1.70	1.69			
160	1.26	1.30	1.28	1.22	1.16	1.17	1.24	1.22	1.87	1.88	1.94	1.96	1.91	1.95	1.88	1.88			
165	1.31	1.37	1.32	1.22	1.20	1.20	1.25	1.27	1.94	1.97	2.04	2.04	2.01	1.98	1.97	1.92			
170	1.40	1.42	1.38	1.24	1.24	1.18	1.29	1.33	1.97	1.96	1.95	1.91	1.91	1.85	1.90	1.90			
175	1.53	1.55	1.51	1.37	1.31	1.29	1.40	1.46	1.83	1.84	1.80	1.71	1.69	1.68	1.75	1.77			
180	1.67	1.68	1.64	1.49	1.48	1.46	1.55	1.57	1.68	1.68	1.64	1.50	1.48	1.46	1.55	1.57			

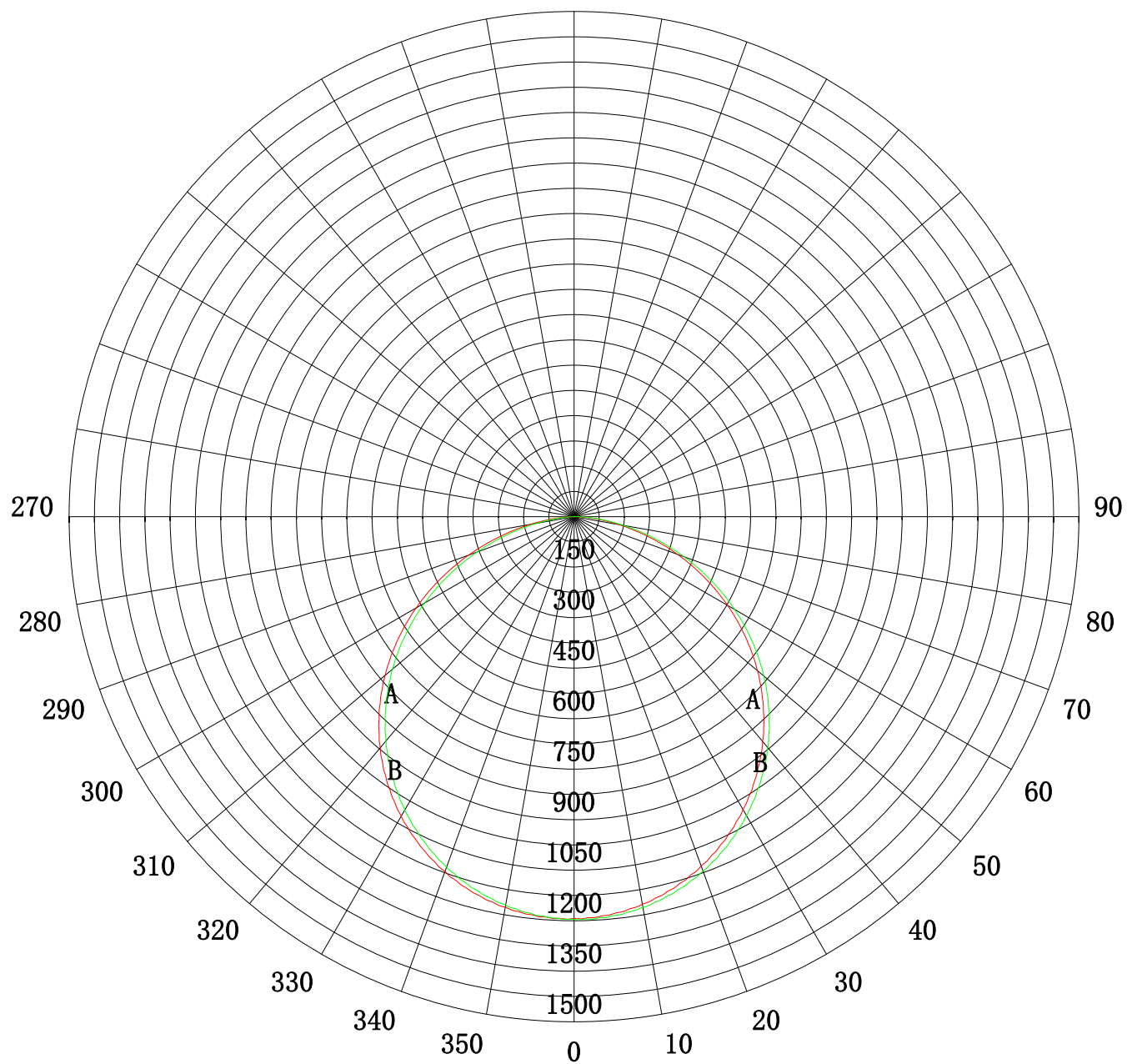
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

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

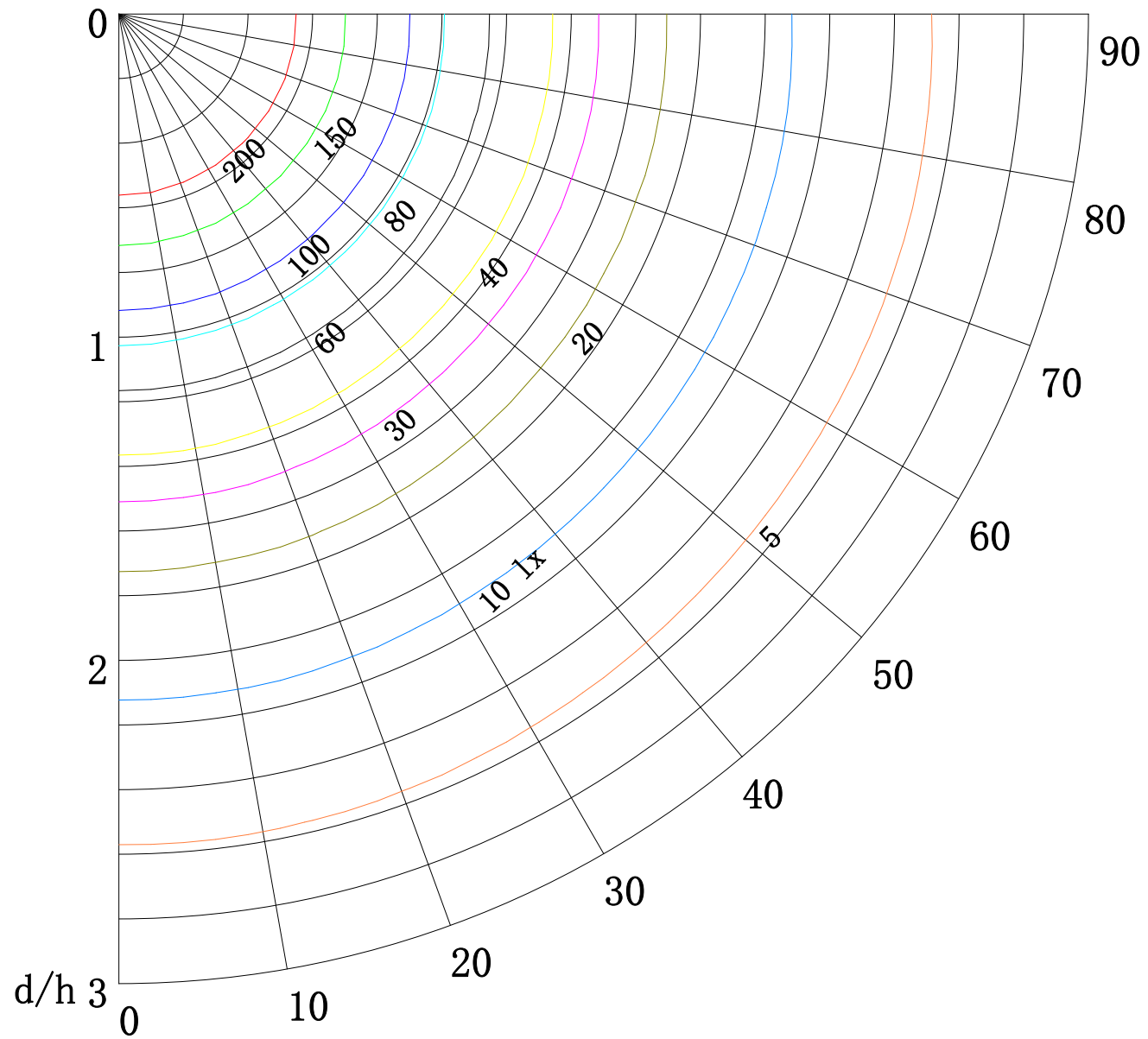
Assessor: Akin Xu

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

