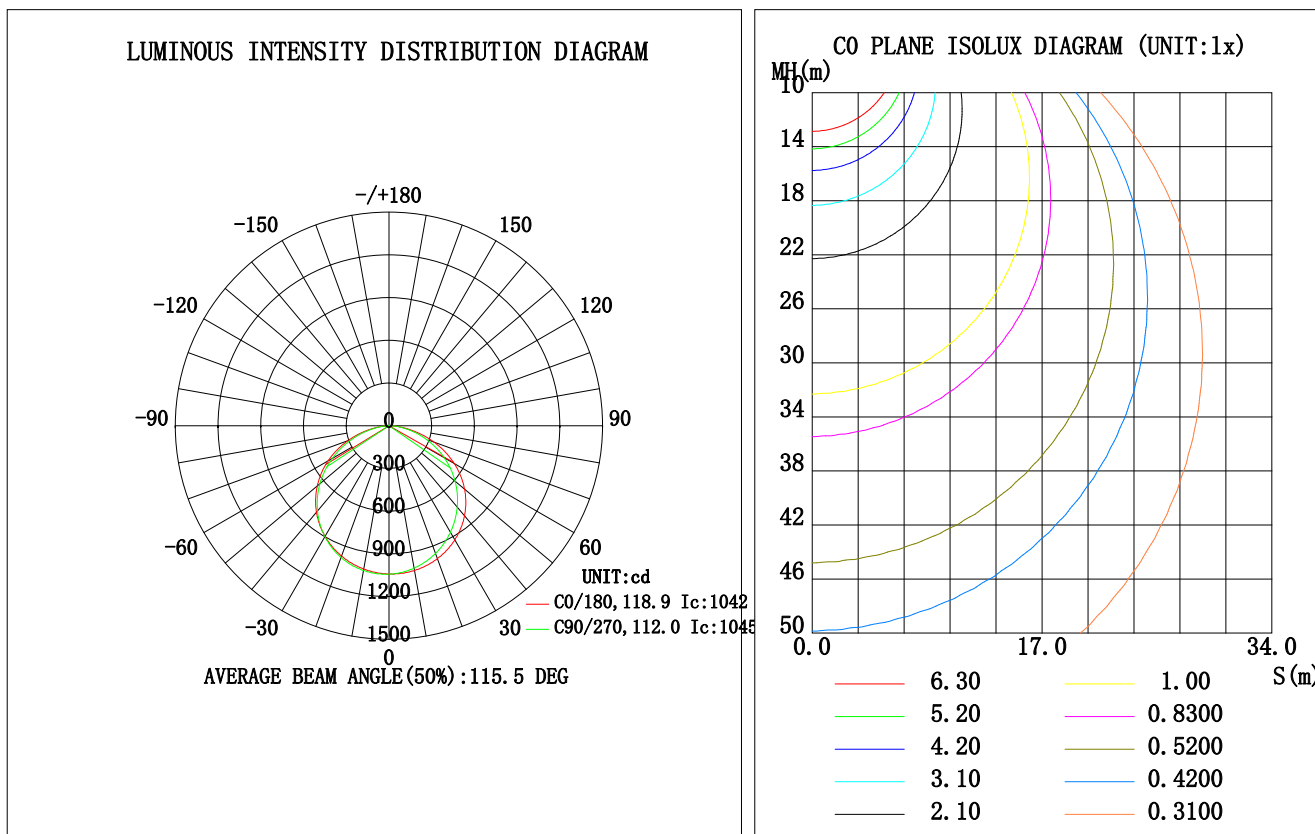


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 122.93 lm/W
MODEL	ULPL30120-27W	I _{max} (cd)	1045	S/MH(C0/180)	1.32	
NOMINAL POWER(W)	27	LOR(%)	100.0	S/MH(C90/270)	1.24	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3070.7	η UP, DN(C0-180)	0.0, 50.2	
NOMINAL FLUX(lm)	3070.72	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 49.7	
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	1034	1037	1042	1041	1040	1034	1033	1032	0- 5	24.86	24.86	0.81,0.81
10	1023	1028	1032	1034	1033	1023	1015	1016	5- 10	73.80	98.66	3.21,3.21
15	1001	1007	1013	1018	1016	999.4	989.1	990.9	10- 15	120.5	219.1	7.14,7.14
20	974.4	980.3	984.3	993.5	994.1	971.7	954.3	960.3	15- 20	163.3	382.4	12.5,12.5
25	939.2	942.6	946.9	959.8	962.8	933.2	912.4	920.5	20- 25	201.1	583.5	19,19
30	898.2	900.4	899.7	918.5	925.9	890.8	863.4	875.4	25- 30	232.5	816.0	26.6,26.6
35	848.8	846.3	844.8	868.2	878.7	838.4	807.5	822.3	30- 35	256.5	1073	34.9,34.9
40	792.9	787.3	780.8	809.0	826.2	781.2	746.1	764.2	35- 40	272.2	1345	43.8,43.8
45	728.7	718.3	711.1	742.2	762.9	715.1	678.6	698.2	40- 45	278.9	1624	52.9,52.9
50	657.7	644.2	632.7	667.6	693.9	644.9	605.9	627.2	45- 50	276.3	1900	61.9,61.9
55	579.2	561.4	550.1	586.6	614.3	566.1	528.7	549.9	50- 55	264.1	2164	70.5,70.5
60	494.0	474.2	461.0	497.5	529.0	483.2	447.8	468.4	55- 60	242.6	2406	78.4,78.4
65	402.4	381.2	369.3	402.9	434.4	394.1	363.3	381.4	60- 65	212.3	2619	85.3,85.3
70	307.3	287.2	276.2	306.1	336.8	303.5	278.3	293.6	65- 70	174.7	2793	91,91
75	210.8	193.7	186.6	210.2	235.3	213.3	195.0	205.9	70- 75	131.8	2925	95.3,95.3
80	119.9	108.1	104.1	121.6	138.3	127.4	117.1	123.2	75- 80	86.79	3012	98.1,98.1
85	43.51	35.90	35.59	45.22	56.32	53.91	50.54	51.89	80- 85	44.63	3057	99.5,99.5
90	0.2336	0.1424	0.1639	0.2715	0.2009	0.3822	1.537	1.745	85- 90	10.65	3067	99.9,99.9
95	0.1507	0.1803	0.1788	0.1432	0.1170	0.1052	0.1087	0.1089	90- 95	0.1254	3068	99.9,99.9
100	0.1960	0.1892	0.2392	0.1861	0.1486	0.1440	0.1443	0.1442	95-100	0.0836	3068	99.9,99.9
105	0.2370	0.2237	0.2528	0.2190	0.1811	0.1715	0.1762	0.1709	100-105	0.1000	3068	99.9,99.9
110	0.2880	0.2624	0.2752	0.2596	0.2233	0.2249	0.2106	0.2214	105-110	0.1156	3068	99.9,99.9
115	0.3455	0.3117	0.3108	0.3001	0.2734	0.2755	0.2835	0.2729	110-115	0.1362	3068	99.9,99.9
120	0.4105	0.3760	0.3514	0.3520	0.3351	0.3427	0.3567	0.3403	115-120	0.1592	3068	99.9,99.9
125	0.4824	0.4493	0.4116	0.4232	0.4079	0.4246	0.4404	0.4198	120-125	0.1836	3068	99.9,99.9
130	0.5433	0.5234	0.4894	0.4862	0.4760	0.5059	0.5351	0.5080	125-130	0.2080	3068	99.9,99.9
135	0.6639	0.5920	0.6075	0.5364	0.5707	0.6099	0.6709	0.6255	130-135	0.2293	3069	99.9,99.9
140	0.7492	0.8101	0.7494	0.7044	0.7083	0.8128	0.8671	0.8582	135-140	0.2595	3069	99.9,99.9
145	0.8476	0.9242	0.8296	0.8039	0.8672	1.038	1.158	1.106	140-145	0.2849	3069	100,100
150	0.9430	1.022	1.000	0.8458	1.050	1.288	1.459	1.345	145-150	0.3056	3070	100,100
155	1.027	1.130	1.088	0.9239	1.280	1.507	1.742	1.564	150-155	0.3050	3070	100,100
160	1.143	1.213	1.147	1.013	1.447	1.734	1.926	1.776	155-160	0.2843	3070	100,100
165	1.230	1.302	1.072	1.112	1.544	1.850	2.027	1.862	160-165	0.2380	3070	100,100
170	1.328	1.277	1.164	1.114	1.638	1.693	1.852	1.729	165-170	0.1755	3071	100,100
175	1.381	1.357	1.106	1.174	1.612	1.580	1.670	1.644	170-175	0.1027	3071	100,100
180	1.501	1.470	1.447	1.404	1.504	1.472	1.448	1.406	175-180	0.0342	3071	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1623.6 lm

%lum = 52.9%

%lamp = 52.9%

Conical surface Flux(120deg): 2406.5 lm

%lum = 78.4%

%lamp = 78.4%

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

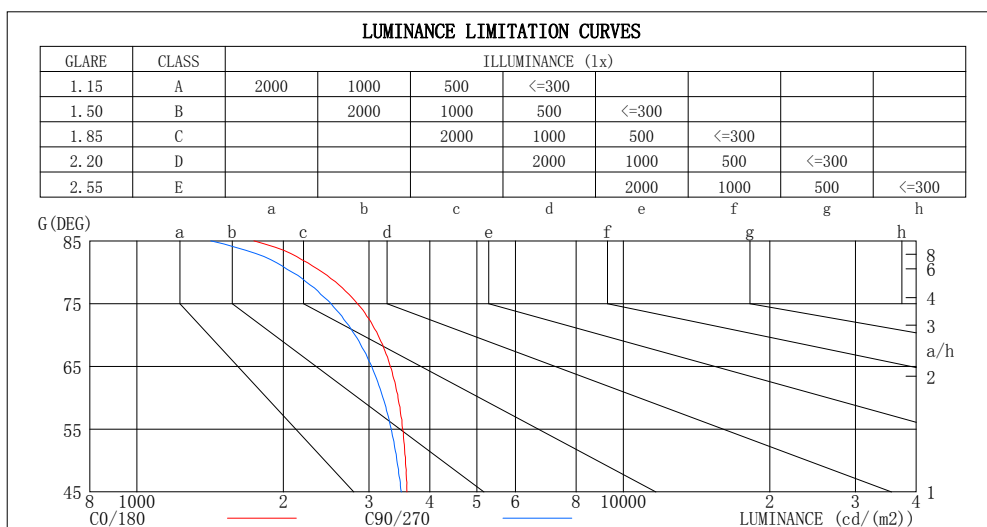
Checker: Harry Huang

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:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1739	1420
80	2406	2085
75	2838	2507
70	3131	2807
65	3318	3038
60	3442	3205
55	3518	3334
50	3565	3422
45	3591	3496

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

Checker: Harry Huang

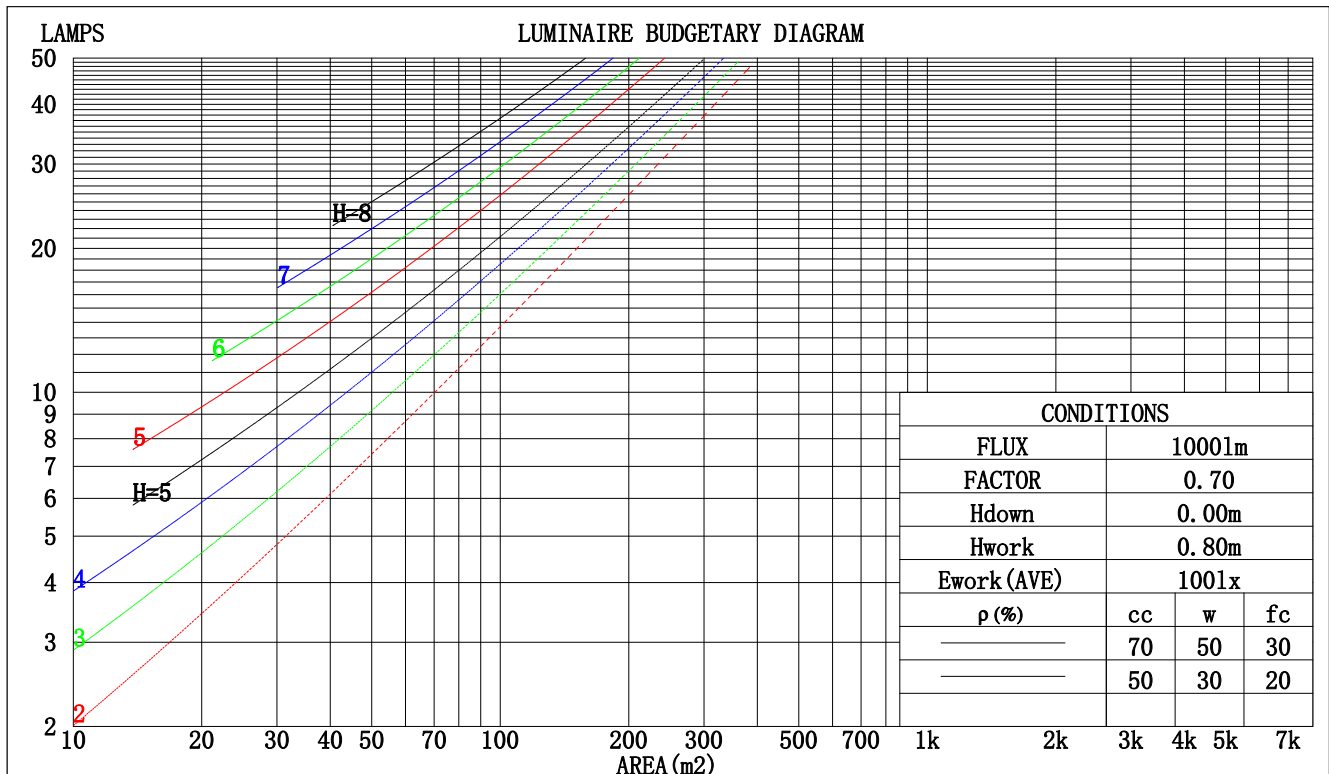
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.4V I:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 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	.99	.96	1.01	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



WEC AND CCEC

Test:U:240.4V I:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 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	.311	.177	.056	.304	.173	.055	.291	.167	.053	.278	.161	.052	.267	.155	.050		
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.048	.264	.148	.046	.254	.144	.045		
3.0	.272	.145	.043	.266	.142	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.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	.059	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.075	.142	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.136	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.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	.137	.076	.034	.118	.066	.030	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.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:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 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		13.4	15.0	13.7	15.2	15.4	13.1	14.7	13.4	14.9	15.1
	3H	15.0	16.4	15.3	16.6	16.9	14.5	16.0	14.8	16.2	16.4
	4H	15.6	16.9	15.9	17.2	17.4	15.1	16.4	15.4	16.7	16.9
	6H	15.9	17.2	16.3	17.5	17.8	15.4	16.7	15.7	16.9	17.2
	8H	16.1	17.3	16.4	17.6	17.9	15.5	16.7	15.8	17.0	17.3
	12H	16.1	17.3	16.4	17.6	17.9	15.5	16.7	15.9	17.0	17.3
4H	2H	14.0	15.3	14.3	15.6	15.9	13.8	15.1	14.1	15.4	15.6
	3H	15.7	16.9	16.1	17.2	17.5	15.3	16.5	15.7	16.8	17.1
	4H	16.4	17.5	16.8	17.8	18.2	16.0	17.1	16.4	17.4	17.7
	6H	16.9	17.9	17.3	18.2	18.6	16.4	17.4	16.8	17.7	18.1
	8H	17.1	18.0	17.5	18.3	18.7	16.6	17.4	17.0	17.8	18.2
	12H	17.2	18.0	17.6	18.4	18.8	16.6	17.4	17.0	17.8	18.2
8H	4H	16.6	17.5	17.0	17.9	18.3	16.2	17.1	16.7	17.5	17.9
	6H	17.3	18.0	17.7	18.4	18.8	16.8	17.5	17.2	18.0	18.4
	8H	17.5	18.1	17.9	18.6	19.0	17.0	17.7	17.5	18.1	18.5
	12H	17.6	18.2	18.1	18.6	19.1	17.1	17.7	17.6	18.1	18.6
12H	4H	16.6	17.4	17.1	17.8	18.2	16.2	17.1	16.7	17.5	17.9
	6H	17.3	17.9	17.8	18.4	18.8	16.8	17.5	17.3	17.9	18.4
	8H	17.5	18.1	18.0	18.6	19.0	17.1	17.6	17.5	18.1	18.6
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, 3071 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:2017-05-06

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:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 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	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	99	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:2017-05-06

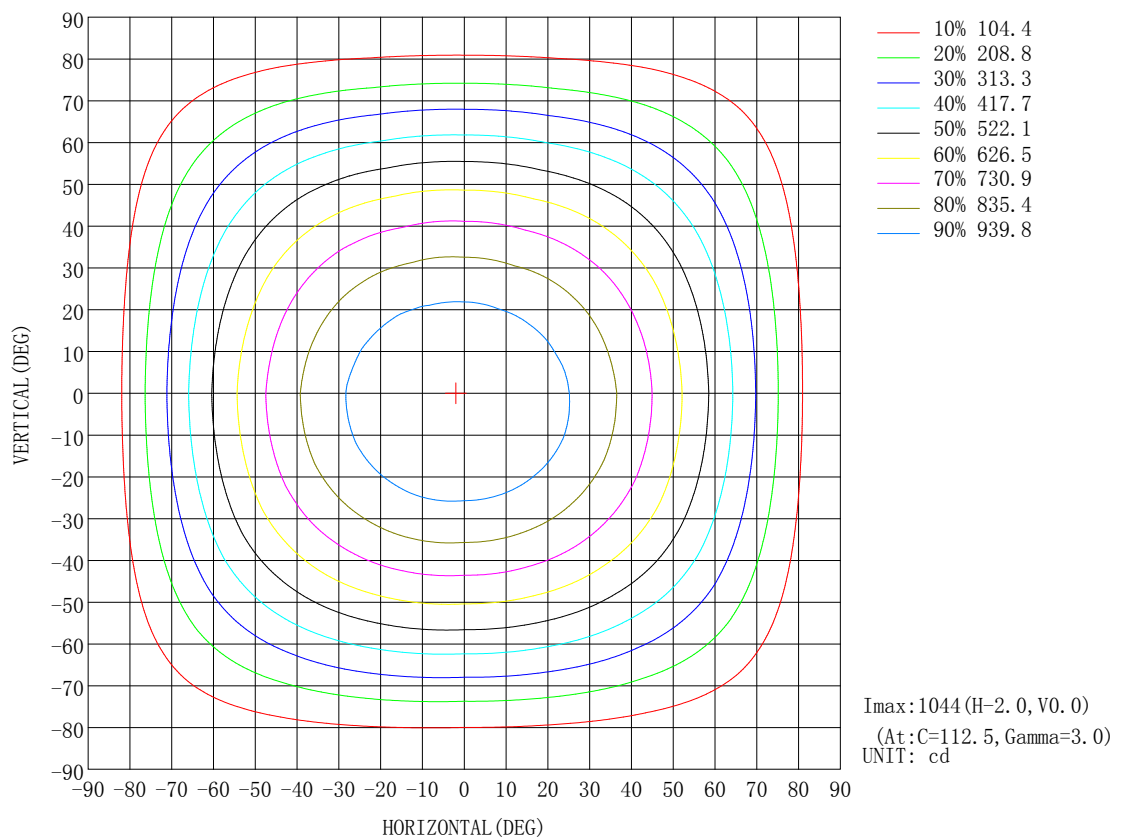
Checker: Harry Huang

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:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 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

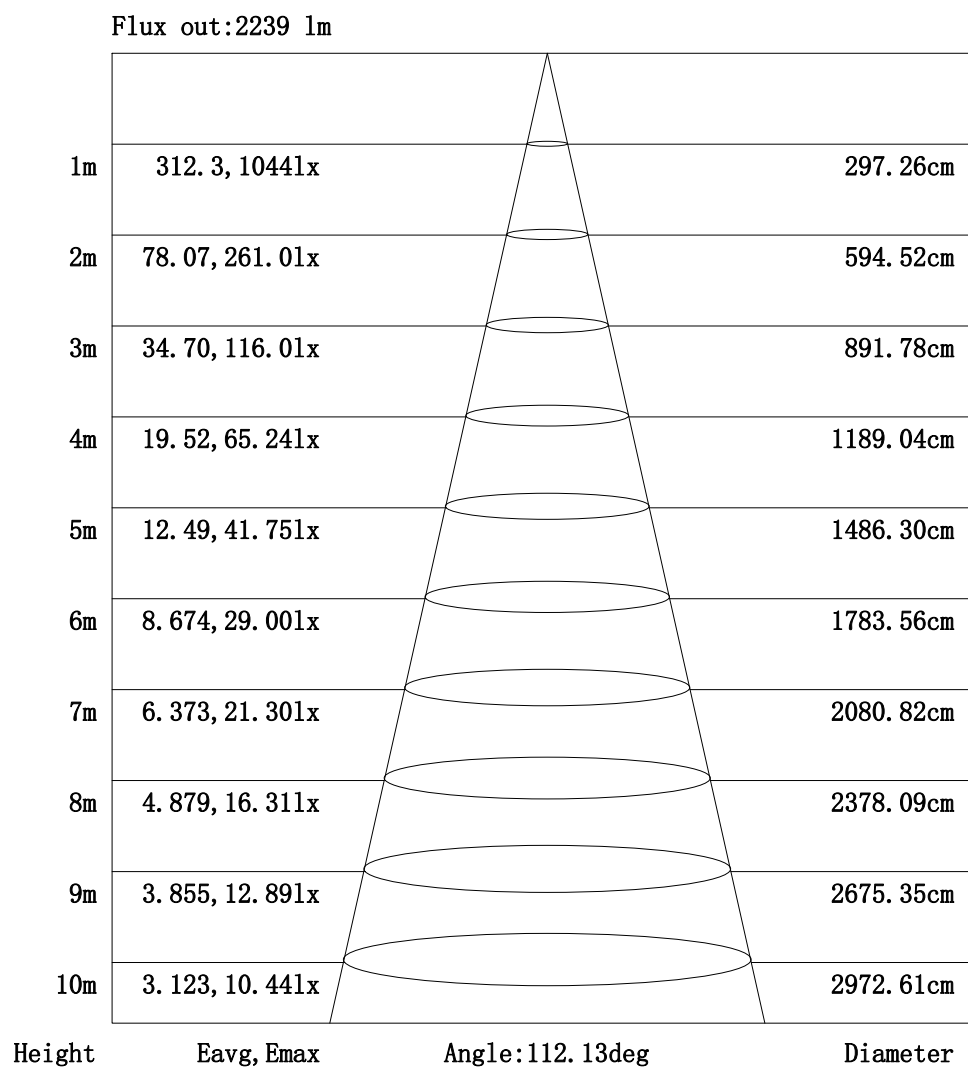
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

AAI Figure

Test:U:240.4V I:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



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

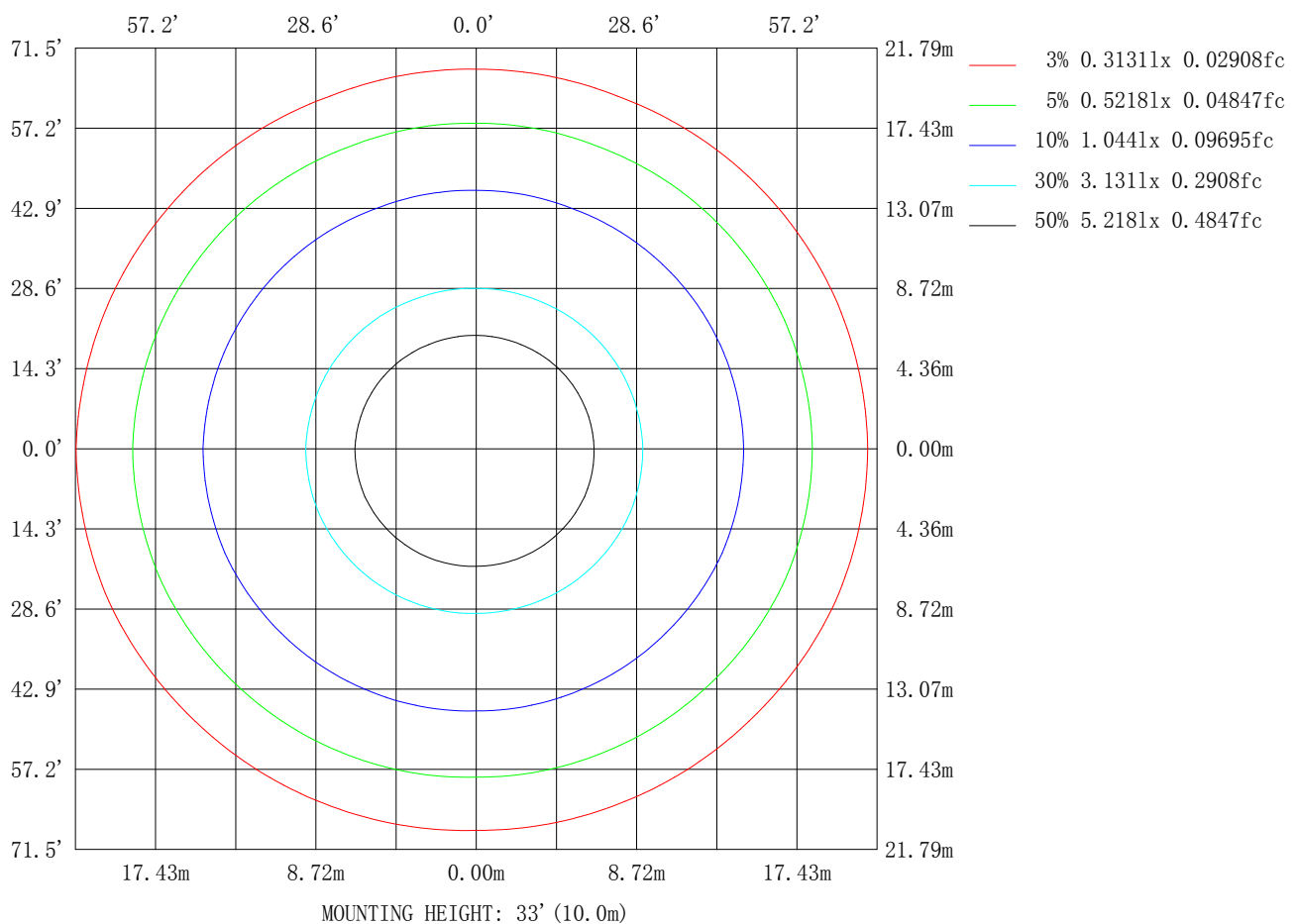
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Harry Huang

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:240.4V I:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 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:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	3443
L_0~180(75)av	2998
L_0~180(85)av	1992
L_90~270(65)av	3015
L_90~270(75)av	2565
L_90~270(85)av	1719
L_45(65)av	3209
L_45(75)av	2765
L_45(85)av	1865

Standard: GB/T 29293-2012

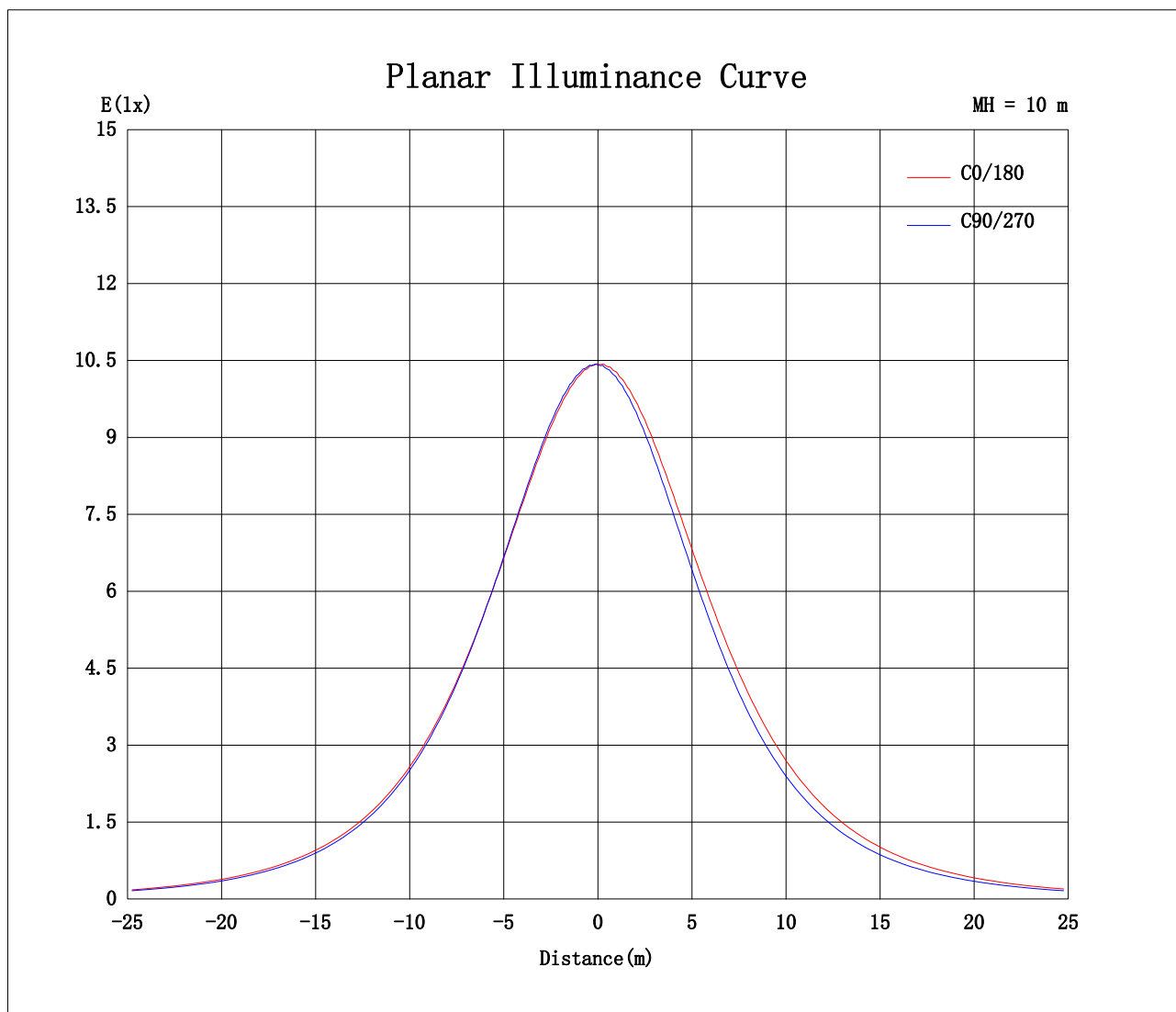
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-05-06

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 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:240.4V I:0.1077A P:24.98W PF:0.9649 Freq:50.00Hz Lamp Flux:3070.72x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Table—1

UNIT: cd

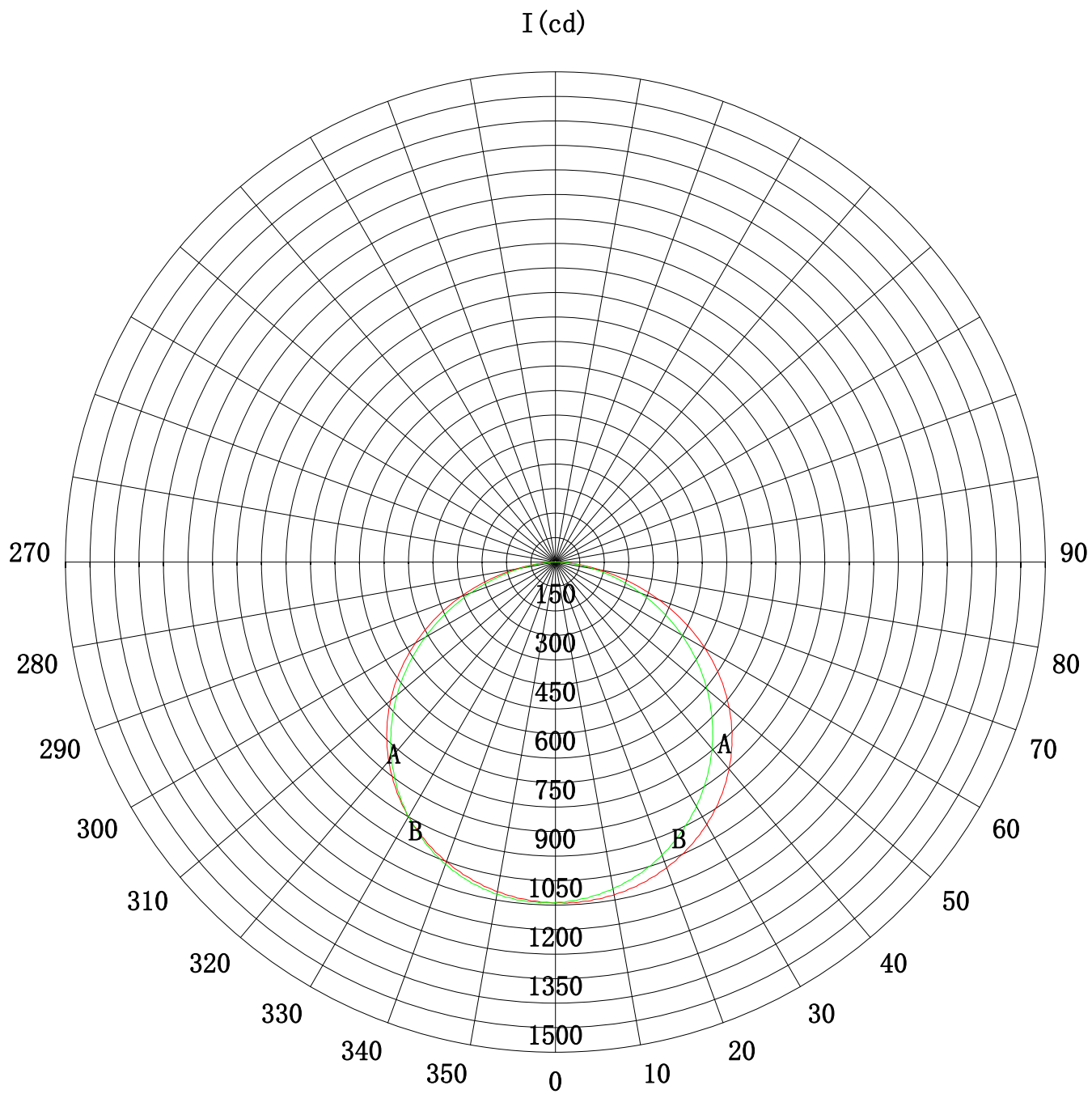
C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1042	1042	1042	1042	1042	1042	1042	1042	1042	1042	1042	1042	1042	1042	1042	1042			
5	1034	1038	1037	1043	1042	1044	1041	1042	1040	1038	1034	1036	1033	1034	1032	1034			
10	1023	1026	1028	1030	1032	1034	1034	1035	1033	1027	1023	1017	1015	1014	1016	1019			
15	1001	1007	1007	1013	1013	1018	1018	1020	1016	1010	999	994	989	988	991	997			
20	974	980	980	983	984	990	994	997	994	983	972	960	954	953	960	968			
25	939	946	943	947	947	956	960	967	963	951	933	921	912	913	920	932			
30	898	904	900	899	900	909	919	928	926	910	891	871	863	863	875	888			
35	849	854	846	845	845	857	868	880	879	862	838	818	808	809	822	838			
40	793	797	787	782	781	795	809	826	826	806	781	755	746	747	764	781			
45	729	731	718	713	711	726	742	761	763	743	715	690	679	681	698	718			
50	658	659	644	636	633	649	668	691	694	672	645	616	606	608	627	646			
55	579	579	561	553	550	566	587	610	614	595	566	540	529	531	550	569			
60	494	493	474	465	461	477	498	523	529	509	483	456	448	449	468	485			
65	402	400	381	373	369	385	403	428	434	418	394	371	363	365	381	397			
70	307	304	287	279	276	290	306	328	337	321	304	283	278	279	294	304			
75	211	208	194	189	187	198	210	229	235	225	213	198	195	195	206	212			
80	120	116	108	105	104	112	122	133	138	133	127	119	117	117	123	124			
85	43.5	41.4	35.9	36.1	35.6	41.3	45.2	52.4	56.3	54.4	53.9	50.4	50.5	49.7	51.9	49.4			
90	0.23	0.11	0.14	0.13	0.16	0.12	0.27	0.12	0.20	4.38	0.38	4.52	1.54	3.69	1.75	2.38			
95	0.15	0.14	0.18	0.16	0.18	0.15	0.14	0.13	0.12	0.13	0.11	0.12	0.11	0.12	0.11	0.12			
100	0.20	0.18	0.19	0.22	0.24	0.21	0.19	0.17	0.15	0.16	0.14	0.16	0.14	0.16	0.14	0.15			
105	0.24	0.21	0.22	0.25	0.25	0.23	0.22	0.21	0.18	0.18	0.17	0.18	0.18	0.18	0.17	0.17			
110	0.29	0.26	0.26	0.29	0.28	0.26	0.26	0.25	0.22	0.21	0.22	0.22	0.21	0.21	0.22	0.21			
115	0.35	0.31	0.31	0.34	0.31	0.30	0.30	0.32	0.27	0.27	0.28	0.29	0.28	0.29	0.27	0.26			
120	0.41	0.36	0.38	0.41	0.35	0.35	0.35	0.37	0.34	0.34	0.34	0.36	0.36	0.36	0.34	0.33			
125	0.48	0.46	0.45	0.48	0.41	0.41	0.42	0.47	0.41	0.42	0.42	0.45	0.44	0.45	0.42	0.42			
130	0.54	0.54	0.52	0.56	0.49	0.48	0.49	0.54	0.48	0.51	0.51	0.55	0.54	0.55	0.51	0.51			
135	0.66	0.66	0.59	0.66	0.61	0.59	0.54	0.61	0.57	0.62	0.61	0.66	0.67	0.68	0.63	0.63			
140	0.75	0.78	0.81	0.77	0.75	0.71	0.70	0.72	0.71	0.75	0.81	0.83	0.87	0.88	0.86	0.79			
145	0.85	0.84	0.92	0.91	0.83	0.77	0.80	0.73	0.87	0.97	1.04	1.12	1.16	1.19	1.11	0.99			
150	0.94	1.02	1.02	1.02	1.00	0.90	0.85	0.81	1.05	1.21	1.29	1.38	1.46	1.48	1.35	1.26			
155	1.03	1.11	1.13	1.11	1.09	0.97	0.92	0.95	1.28	1.33	1.51	1.65	1.74	1.74	1.56	1.42			
160	1.14	1.18	1.21	1.19	1.15	1.04	1.01	1.02	1.45	1.49	1.73	1.81	1.93	1.96	1.78	1.58			
165	1.23	1.25	1.30	1.16	1.07	1.00	1.11	1.07	1.54	1.59	1.85	1.90	2.03	2.02	1.86	1.64			
170	1.33	1.35	1.28	1.14	1.16	1.05	1.11	1.17	1.64	1.62	1.69	1.73	1.85	1.81	1.73	1.67			
175	1.38	1.40	1.36	1.16	1.11	1.06	1.17	1.31	1.61	1.59	1.58	1.55	1.67	1.61	1.64	1.60			
180	1.50	1.51	1.47	1.36	1.45	1.32	1.40	1.45	1.50	1.51	1.47	1.36	1.45	1.32	1.41	1.45			

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

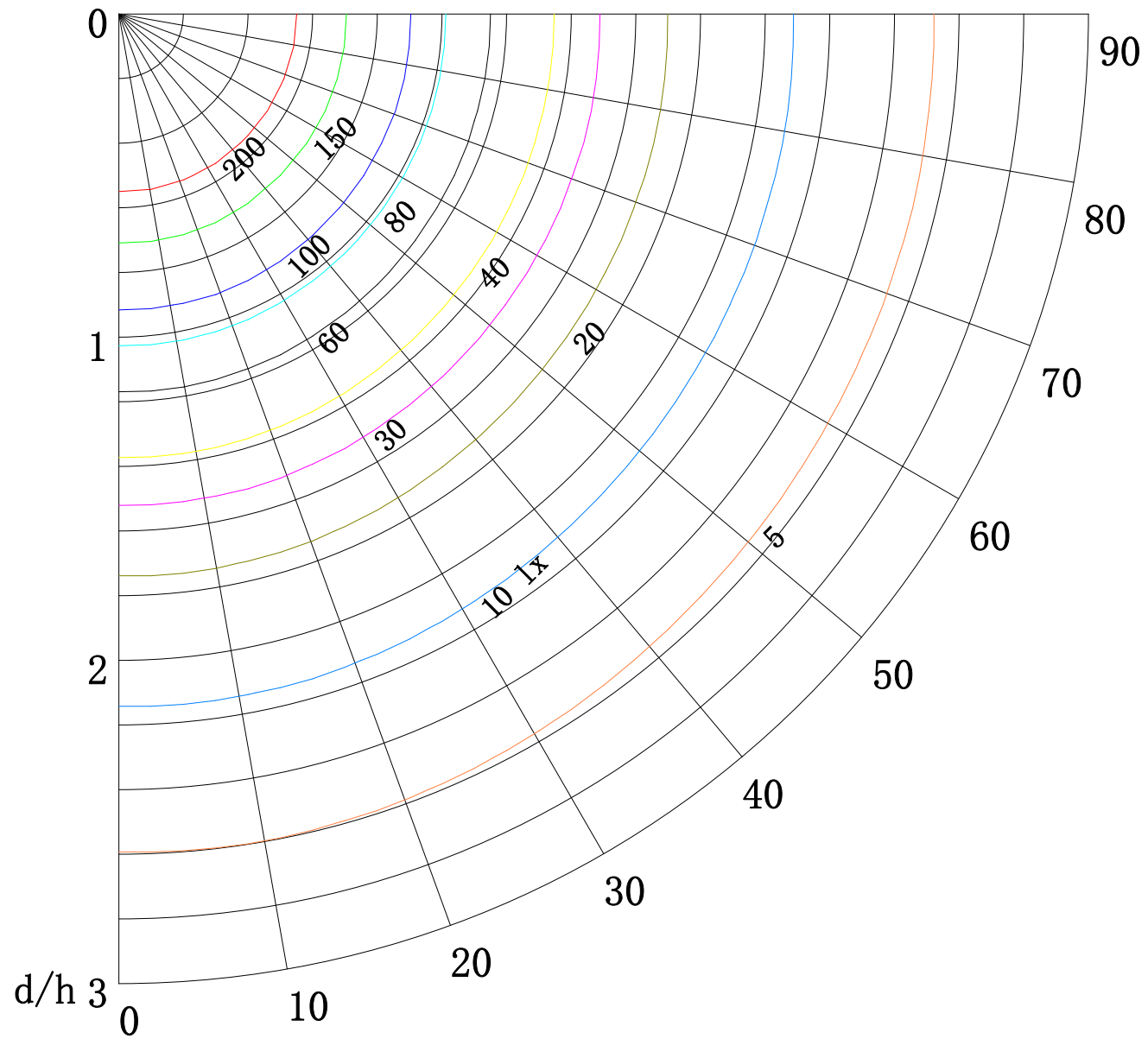
Checker: Harry Huang

Assessor: Akin Xu



1000 l_m

$K = 1$



F = 1000 lm
 K = 0.7
 H_{cc} = 0.8 m
 H_{fc} = 0.0 m
 E_{ave} = 100 lx

	P _{cc}	P _w	P _{fc}
————	70	50	30
————	50	30	20

