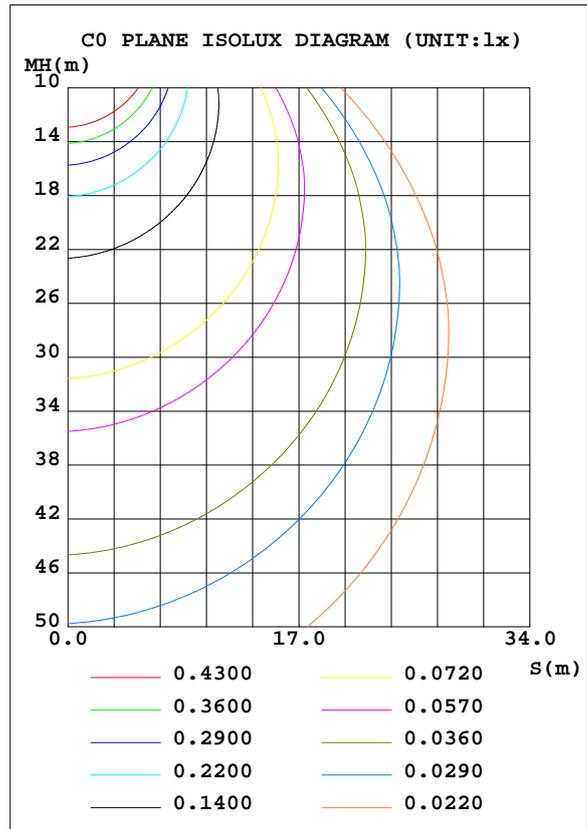
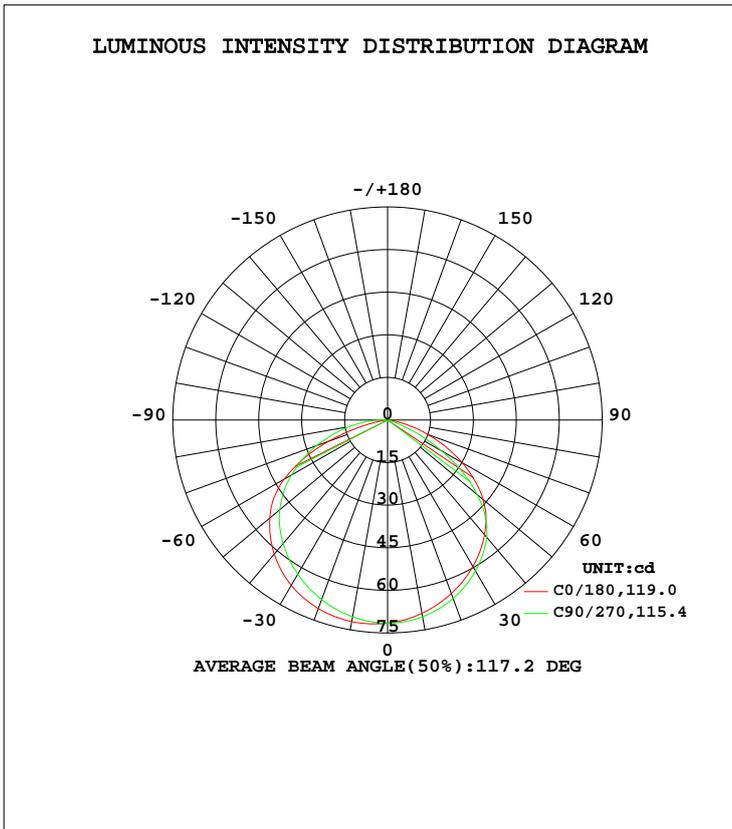


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz Lamp Flux:213.967x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.08 lm/W			
MODEL	A22-T-2125001	I <sub>max</sub> (cd)	72.11	S/MH(C0/180)	1.40
NOMINAL POWER(W)	3	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	213.97	η UP, DN(C0-180)	0.0,46.2
NOMINAL FLUX(lm)	213.967	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2,53.5
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	99.7	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

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	70.56	70.75	71.21	71.81	72.02	71.76	71.20	70.74	0- 5	1.707	1.707	0.80,0.80
10	69.10	69.37	70.31	71.60	72.06	71.42	70.36	69.52	5- 10	5.070	6.777	3.17,3.17
15	67.26	67.54	68.87	70.91	71.60	70.56	69.05	67.87	10- 15	8.285	15.06	7.04,7.04
20	65.03	65.29	66.88	69.68	70.65	69.12	67.30	65.81	15- 20	11.26	26.33	12.3,12.3
25	62.50	62.68	64.37	67.99	69.22	67.34	65.18	63.44	20- 25	13.93	40.26	18.8,18.8
30	59.61	59.69	61.40	65.74	67.25	65.06	62.72	60.74	25- 30	16.21	56.47	26.4,26.4
35	56.35	56.32	57.91	62.93	64.69	62.47	59.92	57.64	30- 35	18.05	74.51	34.8,34.8
40	52.70	52.59	53.90	59.57	61.60	59.50	56.78	54.20	35- 40	19.38	93.89	43.9,43.9
45	48.69	48.16	48.27	55.65	57.91	56.19	53.27	50.21	40- 45	20.13	114.0	53.3,53.3
50	43.57	42.77	40.92	51.32	53.71	52.50	49.17	45.08	45- 50	20.17	134.2	62.7,62.7
55	37.22	36.62	32.00	46.42	48.70	48.33	44.34	38.50	50- 55	19.36	153.6	71.8,71.8
60	30.11	29.54	21.93	39.99	41.78	43.35	38.71	31.25	55- 60	17.60	171.2	80,80
65	22.52	22.12	12.23	31.28	32.53	37.56	32.68	23.26	60- 65	14.89	186.0	87,87
70	15.06	14.72	4.504	21.87	21.82	30.95	26.41	15.56	65- 70	11.46	197.5	92.3,92.3
75	8.288	7.927	1.523	11.98	11.19	24.28	19.73	8.782	70- 75	7.835	205.3	96,96
80	3.108	2.775	0.5594	3.831	3.440	17.35	13.49	3.645	75- 80	4.590	209.9	98.1,98.1
85	0.6813	0.1286	0.2381	0.3763	1.393	10.75	7.910	1.644	80- 85	2.344	212.3	99.2,99.2
90	0.2168	0.0640	0.1159	0.0219	0.6096	5.190	3.395	0.7990	85- 90	1.063	213.3	99.7,99.7
95	0.0243	0.0418	0.0587	0.0203	0.2185	1.125	0.6728	0.3893	90- 95	0.3755	213.7	99.9,99.9
100	0.0119	0.0294	0.0315	0.0203	0.0389	0.0112	0.0852	0.0144	95-100	0.0718	213.8	99.9,99.9
105	0.0127	0.0183	0.0219	0.0120	0.0254	0.0136	0.0068	0.0457	100-105	0.0120	213.8	99.9,99.9
110	0.0151	0.0195	0.0203	0.0179	0.0281	0.0183	0.0088	0.0255	105-110	0.0092	213.8	99.9,99.9
115	0.0186	0.0262	0.0195	0.0251	0.0301	0.0219	0.0179	0.0167	110-115	0.0098	213.8	99.9,99.9
120	0.0253	0.0322	0.0267	0.0259	0.0317	0.0263	0.0243	0.0216	115-120	0.0116	213.8	99.9,99.9
125	0.0281	0.0360	0.0322	0.0322	0.0372	0.0319	0.0303	0.0276	120-125	0.0134	213.8	99.9,99.9
130	0.0340	0.0397	0.0398	0.0355	0.0341	0.0398	0.0391	0.0344	125-130	0.0148	213.9	100,100
135	0.0376	0.0425	0.0398	0.0379	0.0460	0.0477	0.0478	0.0435	130-135	0.0161	213.9	100,100
140	0.0412	0.0433	0.0398	0.0411	0.0516	0.0461	0.0505	0.0474	135-140	0.0162	213.9	100,100
145	0.0452	0.0441	0.0450	0.0438	0.0538	0.0505	0.0521	0.0522	140-145	0.0155	213.9	100,100
150	0.0452	0.0441	0.0446	0.0446	0.0578	0.0513	0.0501	0.0534	145-150	0.0141	213.9	100,100
155	0.0452	0.0476	0.0442	0.0454	0.0586	0.0549	0.0533	0.0570	150-155	0.0126	213.9	100,100
160	0.0479	0.0449	0.0446	0.0458	0.0586	0.0576	0.0529	0.0550	155-160	0.0106	213.9	100,100
165	0.0515	0.0473	0.0450	0.0498	0.0578	0.0564	0.0533	0.0530	160-165	0.0085	214.0	100,100
170	0.0523	0.0517	0.0517	0.0534	0.0559	0.0588	0.0533	0.0526	165-170	0.0063	214.0	100,100
175	0.0630	0.0596	0.0569	0.0610	0.0610	0.0620	0.0569	0.0554	170-175	0.0040	214.0	100,100
180	0.0574	0.0588	0.0577	0.0578	0.0578	0.0600	0.0577	0.0578	175-180	0.0014	214.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 114.03 lm

%lum = 53.3%  
%lamp = 53.3%

Conical surface Flux(120deg): 171.15 lm

%lum = 80.0%  
%lamp = 80.0%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:Jiale liang  
Test Date:2024-04-2

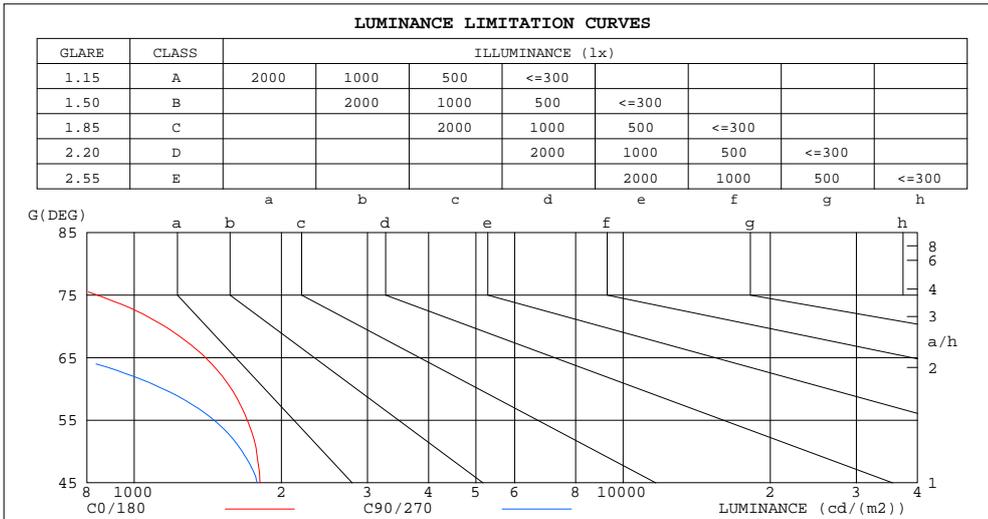
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
Humidity:60.5%  
Test Distance:2.786m [K=1.0000]  
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz Lamp Flux:213.967x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	205	71
80	470	84
75	840	154
70	1156	344
65	1399	756
60	1581	1146
55	1703	1458
50	1779	1663
45	1808	1784

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

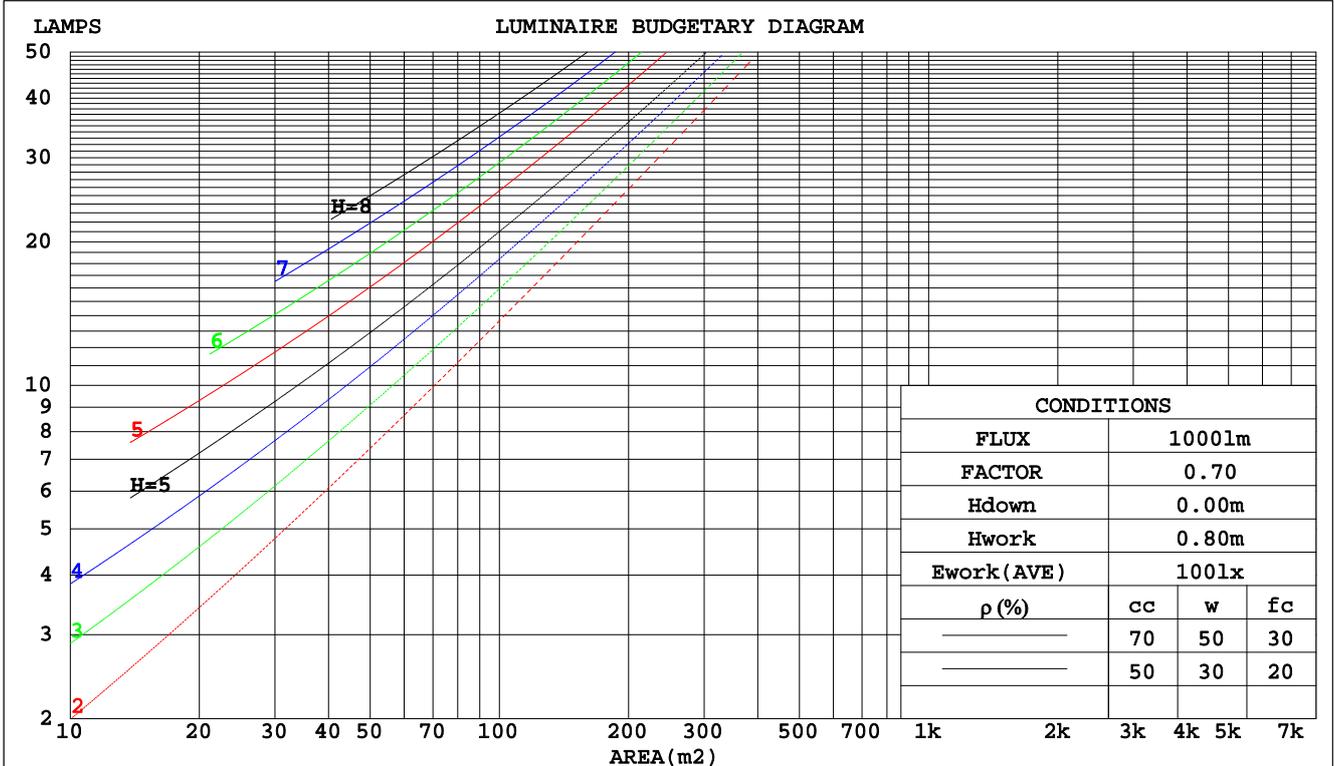
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz		
Lamp Flux:213.967x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																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	.95	.98	.94	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.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	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz		
Lamp Flux:213.967x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.303	.172	.055	.296	.169	.054	.282	.162	.052	.270	.156	.050	.259	.150	.048	
2.0	.288	.158	.048	.281	.155	.048	.270	.150	.047	.259	.145	.045	.249	.141	.044	
3.0	.268	.142	.043	.262	.140	.042	.252	.136	.041	.242	.133	.041	.233	.129	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.210	.111	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.030	.202	.104	.030	.195	.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	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.182	.158	.137	.156	.136	.118	.107	.094	.082	.061	.054	.047	.020	.017	.015	
2.0	.174	.134	.101	.149	.116	.087	.102	.080	.061	.059	.046	.036	.019	.015	.012	
3.0	.166	.117	.077	.143	.101	.067	.098	.070	.047	.057	.041	.028	.018	.013	.009	
4.0	.159	.103	.061	.136	.089	.053	.094	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.152	.093	.050	.130	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.085	.041	.124	.073	.036	.086	.051	.026	.050	.030	.015	.016	.010	.005	
7.0	.138	.078	.035	.119	.067	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.131	.072	.031	.113	.062	.027	.078	.044	.019	.046	.026	.011	.015	.008	.004	
9.0	.125	.067	.027	.108	.058	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003	
10.0	.120	.063	.025	.103	.054	.022	.072	.038	.015	.042	.023	.009	.014	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UGR(Unified Glare Rating) Table

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz										
Lamp Flux:213.967x1 lm										
NAME:			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	14.6	16.1	14.9	16.3	16.5	13.3	14.8	13.6	15.0	15.3
3H	15.8	17.2	16.1	17.4	17.7	13.5	14.9	13.8	15.2	15.4
4H	16.1	17.5	16.4	17.7	18.0	13.4	14.8	13.8	15.0	15.3
6H	16.2	17.5	16.6	17.7	18.0	13.3	14.6	13.7	14.9	15.2
8H	16.2	17.4	16.5	17.7	18.0	13.3	14.5	13.6	14.8	15.1
12H	16.2	17.3	16.5	17.6	17.9	13.2	14.4	13.6	14.7	15.0
4H 2H	15.0	16.3	15.3	16.6	16.9	14.0	15.3	14.3	15.6	15.8
3H	16.4	17.6	16.8	17.9	18.2	14.3	15.4	14.6	15.7	16.1
4H	16.9	18.0	17.3	18.3	18.6	14.2	15.3	14.6	15.6	16.0
6H	17.1	18.1	17.5	18.4	18.8	14.2	15.1	14.6	15.4	15.8
8H	17.1	18.0	17.5	18.4	18.8	14.1	15.0	14.5	15.4	15.7
12H	17.1	17.9	17.5	18.3	18.7	14.1	14.9	14.5	15.3	15.7
8H 4H	16.9	17.8	17.3	18.2	18.6	14.5	15.3	14.9	15.7	16.1
6H	17.2	18.0	17.7	18.4	18.8	14.4	15.1	14.9	15.6	16.0
8H	17.3	18.0	17.8	18.4	18.8	14.4	15.0	14.9	15.5	15.9
12H	17.3	17.9	17.8	18.3	18.8	14.4	14.9	14.8	15.4	15.8
12H 4H	16.9	17.7	17.3	18.1	18.5	14.5	15.3	14.9	15.7	16.1
6H	17.2	17.9	17.7	18.3	18.7	14.4	15.1	14.9	15.5	16.0
8H	17.3	17.8	17.8	18.3	18.8	14.4	15.0	14.9	15.4	15.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.3					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.6					+ 0.4 / - 0.7				
2.0H	+ 0.3 / - 0.6					+ 0.8 / - 1.0				

CIE Pub.117, 214.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -5.4)  
 Area: 0.03825 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

**UTILIZATION FACTORS TABLE**

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz Lamp Flux:213.967x1 lm		
NAME:	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) x RCR = 5									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	65	57	75	64	57	72	65	57	49
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	76	70	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	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:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

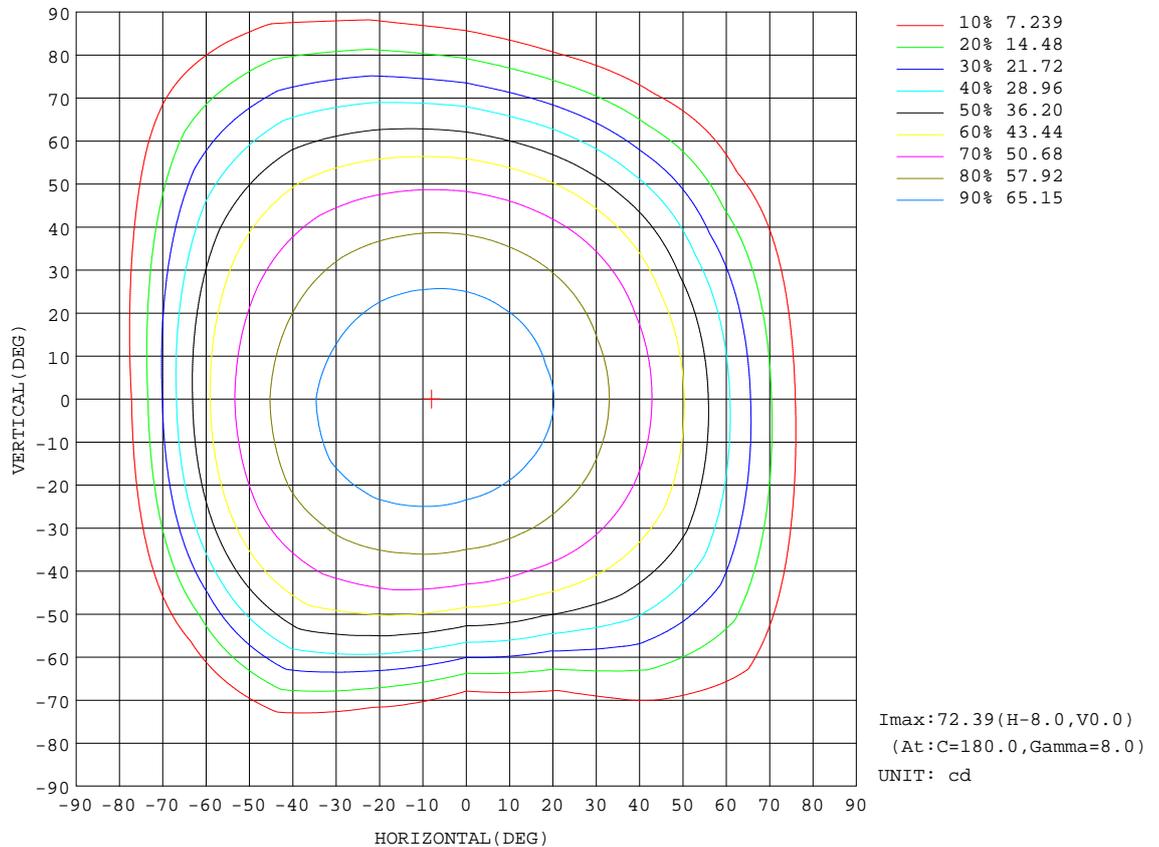
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz Lamp Flux:213.967x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Jiale liang  
 Test Date: 2024-04-2

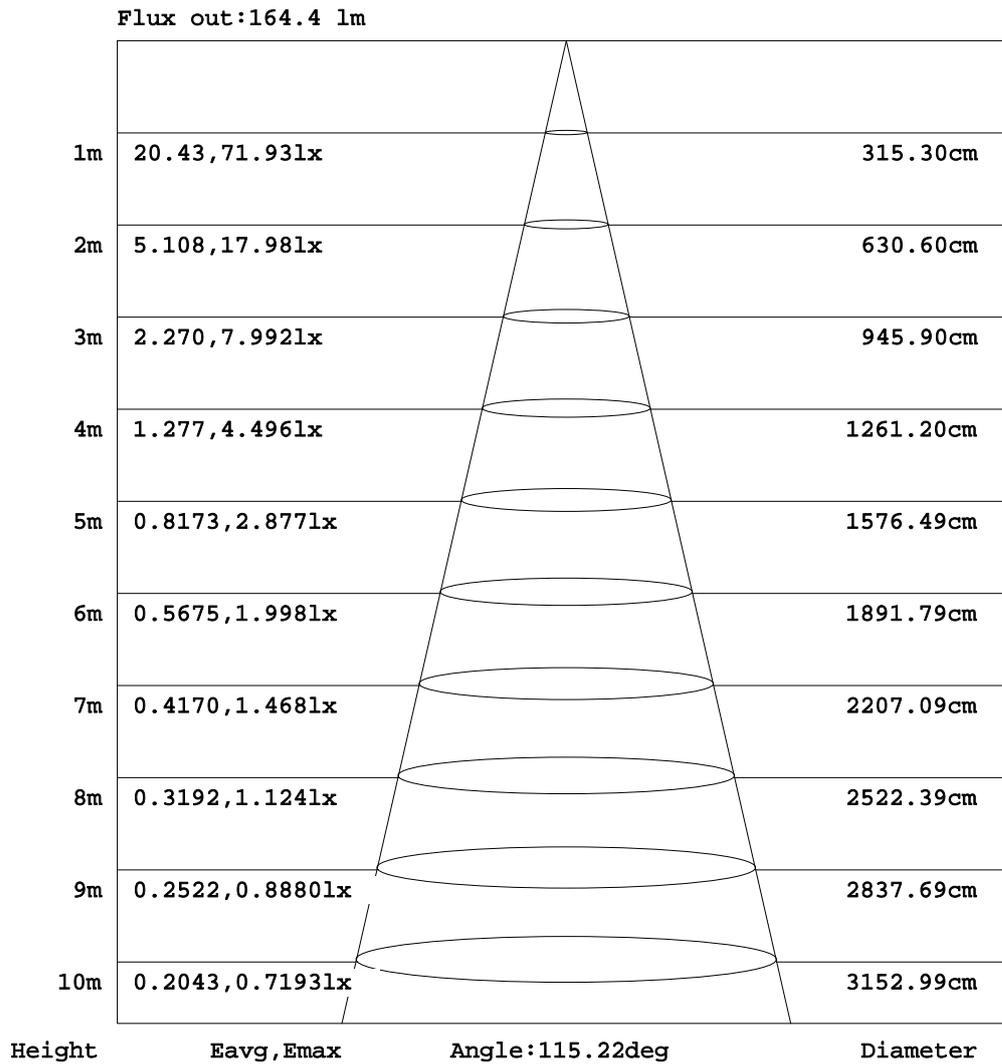
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity: 60.5%  
 Test Distance: 2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz Lamp Flux:213.967x1 lm		
NAME:	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:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

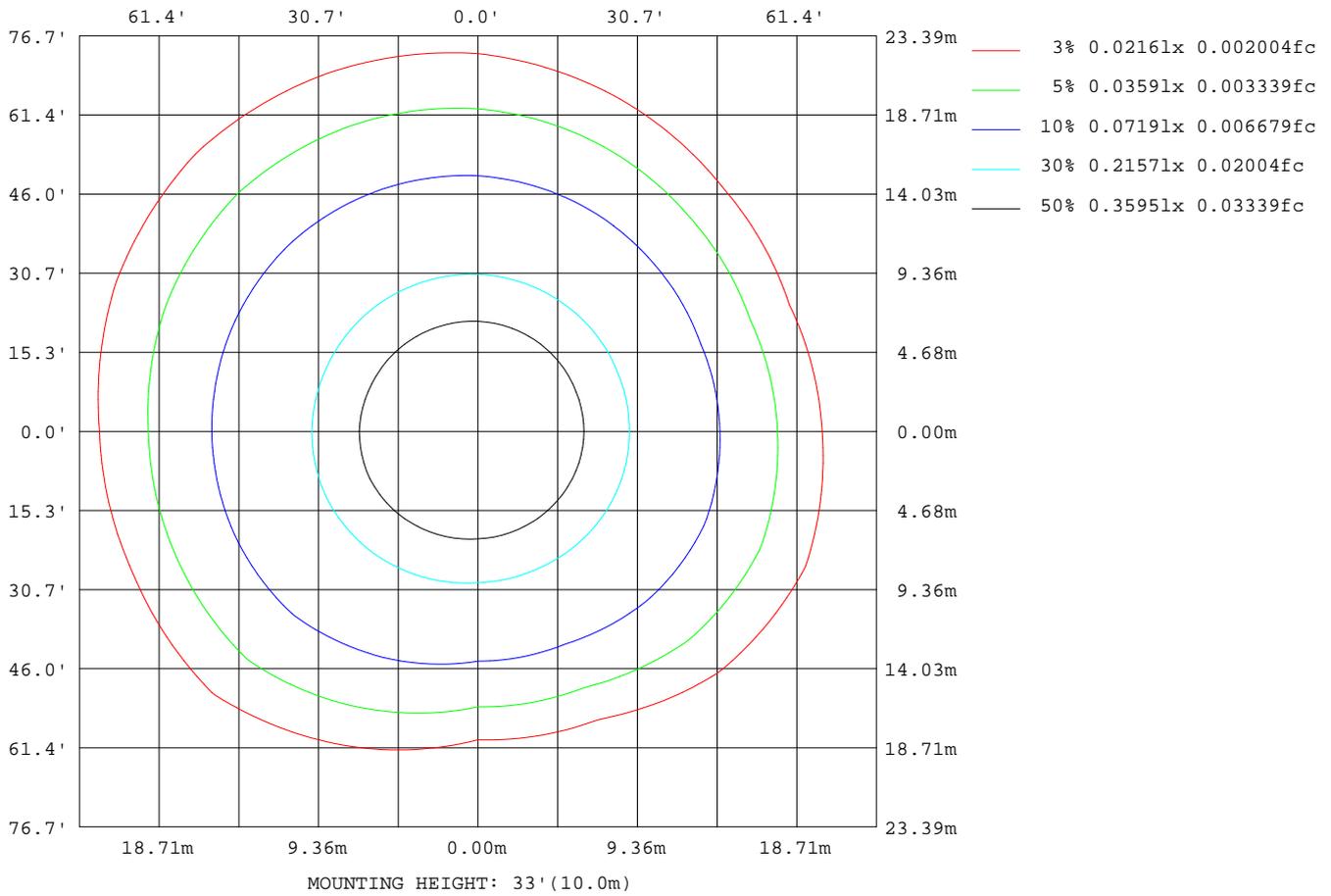
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz Lamp Flux:213.967x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

**LED Avg.L Report**

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz Lamp Flux:213.967x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	1703
L_0~180(75)av	984
L_0~180(85)av	311
L_90~270(65)av	1389
L_90~270(75)av	1073
L_90~270(85)av	1222
L_45(65)av	1767
L_45(75)av	1338
L_45(85)av	968

Standard: GB/T 29293-2012

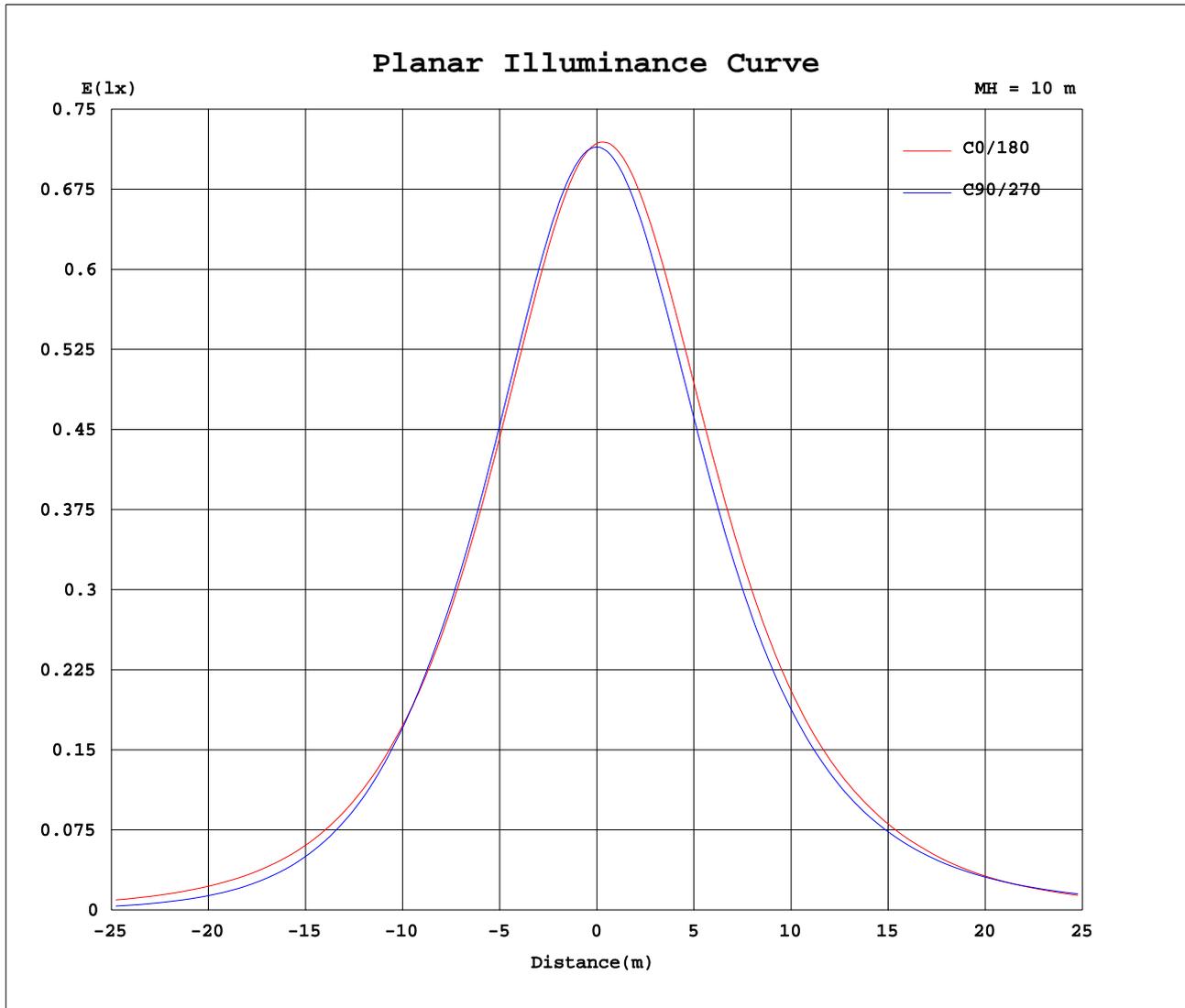
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Jiale liang  
 Test Date: 2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity: 60.5%  
 Test Distance: 2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.29V I:0.0323A P:3.4466W PF:0.4632 Freq:50.00Hz		
Lamp Flux:213.967x1 lm		
NAME:	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	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5			
5	70.6	70.6	70.8	71.0	71.2	71.5	71.8	72.0	72.0	71.9	71.8	71.5	71.2	70.9	70.7	70.6			
10	69.1	69.2	69.4	69.8	70.3	71.0	71.6	72.0	72.1	71.8	71.4	70.9	70.4	69.9	69.5	69.2			
15	67.3	67.3	67.5	68.1	68.9	70.0	70.9	71.5	71.6	71.1	70.6	69.7	69.1	68.4	67.9	67.4			
20	65.0	65.1	65.3	66.0	66.9	68.3	69.7	70.6	70.6	70.0	69.1	68.2	67.3	66.5	65.8	65.3			
25	62.5	62.5	62.7	63.3	64.4	66.1	68.0	69.3	69.2	68.3	67.3	66.1	65.2	64.2	63.4	62.8			
30	59.6	59.6	59.7	60.3	61.4	63.4	65.7	67.3	67.2	66.1	65.1	63.8	62.7	61.6	60.7	60.0			
35	56.3	56.3	56.3	56.8	57.9	60.2	62.9	64.9	64.7	63.5	62.5	61.1	59.9	58.7	57.6	56.7			
40	52.7	52.7	52.6	52.7	53.9	56.5	59.6	61.8	61.6	60.5	59.5	58.1	56.8	55.3	54.2	53.1			
45	48.7	48.7	48.2	47.3	48.3	52.4	55.7	58.0	57.9	57.1	56.2	54.7	53.3	51.6	50.2	49.0			
50	43.6	44.2	42.8	40.3	40.9	46.8	51.3	53.6	53.7	53.2	52.5	50.9	49.2	47.0	45.1	43.3			
55	37.2	38.8	36.6	32.2	32.0	39.9	46.4	48.3	48.7	48.8	48.3	46.4	44.3	41.6	38.5	36.4			
60	30.1	32.3	29.5	22.7	21.9	31.2	40.0	41.2	41.8	43.2	43.4	41.4	38.7	35.1	31.2	28.6			
65	22.5	25.7	22.1	13.8	12.2	21.6	31.3	31.2	32.5	36.2	37.6	35.5	32.7	28.3	23.3	20.4			
70	15.1	18.5	14.7	6.28	4.50	12.2	21.9	19.7	21.8	28.5	30.9	29.4	26.4	21.1	15.6	12.5			
75	8.29	11.8	7.93	1.99	1.52	4.43	12.0	8.66	11.2	20.3	24.3	23.3	19.7	14.2	8.78	5.76			
80	3.11	6.05	2.77	0.91	0.56	0.51	3.83	1.71	3.44	12.3	17.4	16.9	13.5	8.08	3.65	2.17			
85	0.68	1.88	0.13	0.36	0.24	0.01	0.38	0.20	1.39	5.54	10.8	10.8	7.91	3.35	1.64	1.06			
90	0.22	0.02	0.06	0.09	0.12	0.01	0.02	0.03	0.61	1.24	5.19	5.62	3.40	0.96	0.80	0.30			
95	0.02	0.01	0.04	0.03	0.06	0.01	0.02	0.03	0.22	0.32	1.12	1.79	0.67	0.19	0.39	0.06			
100	0.01	0.01	0.03	0.02	0.03	0.01	0.02	0.01	0.04	0.08	0.01	0.21	0.09	0.04	0.01	0.01			
105	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.05	0.01			
110	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.03	0.01			
115	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.02	0.02			
120	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02			
125	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
130	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.04			
135	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.05	0.05	0.05	0.04	0.05	0.04	0.04	0.04			
140	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
145	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
150	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.06			
155	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.05	0.05	0.05	0.05	0.06	0.06			
160	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06			
165	0.05	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.06			
170	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.06			
175	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06			
180	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			

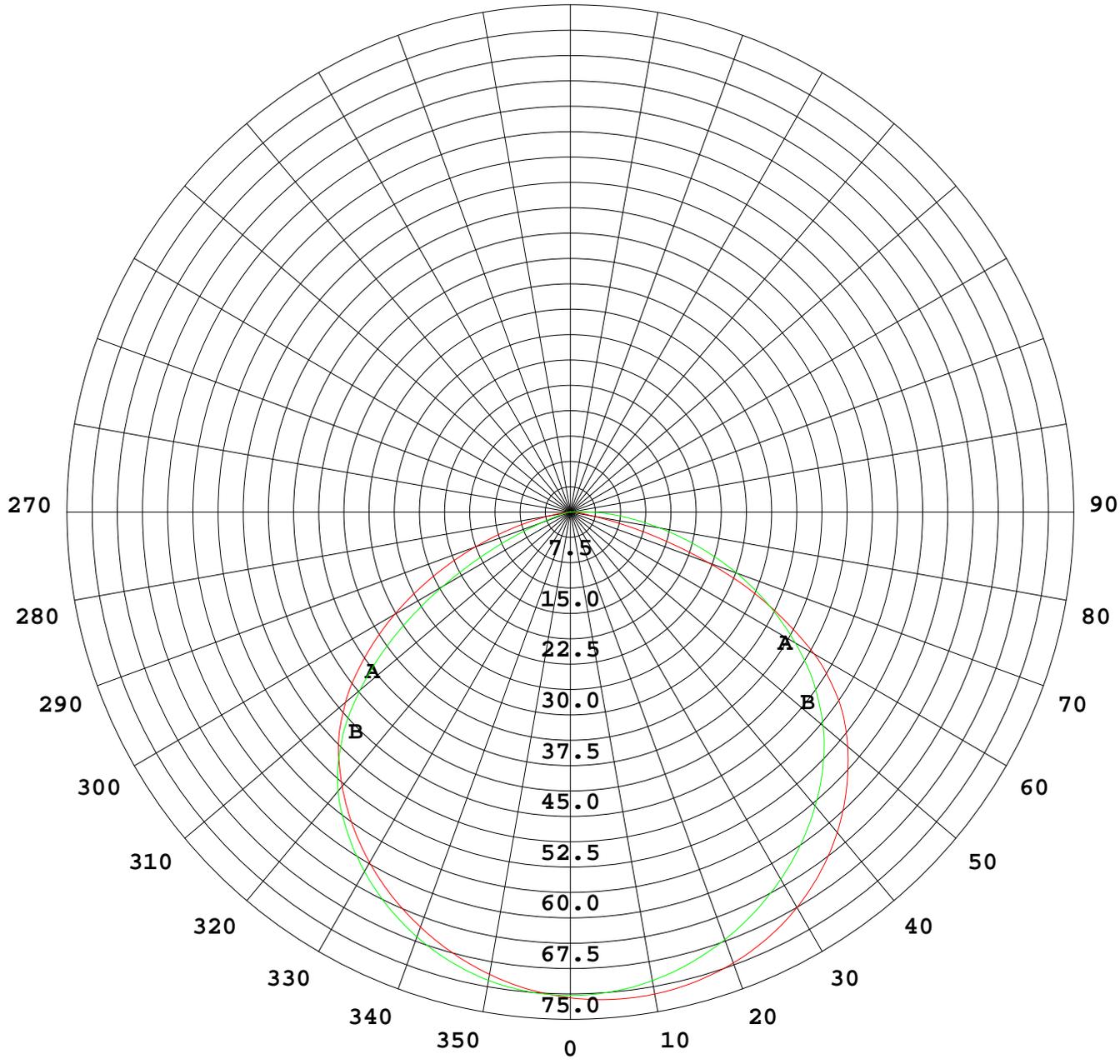
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Jiale liang  
 Test Date:2024-04-2

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.444  
 Humidity:60.5%  
 Test Distance:2.786m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

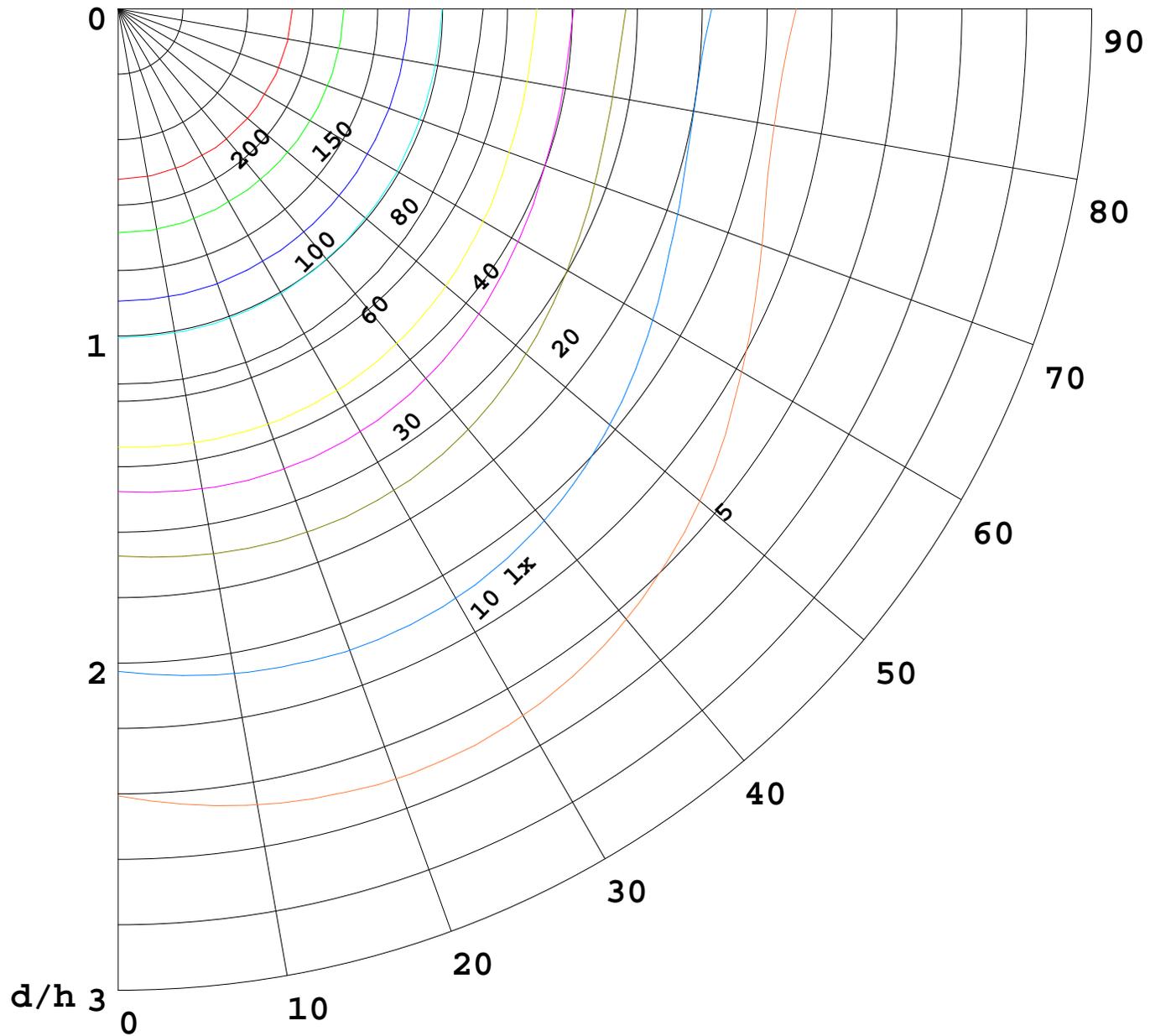
Assessor: Akin Xu

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

