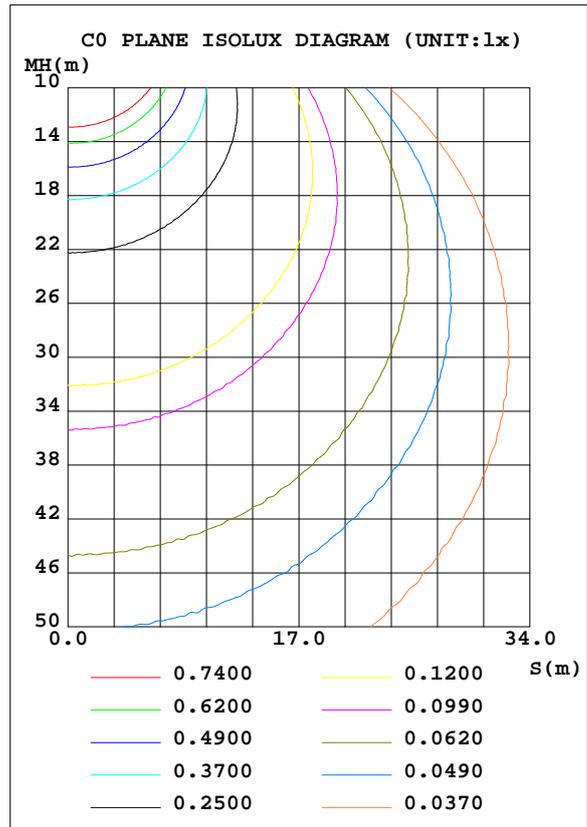
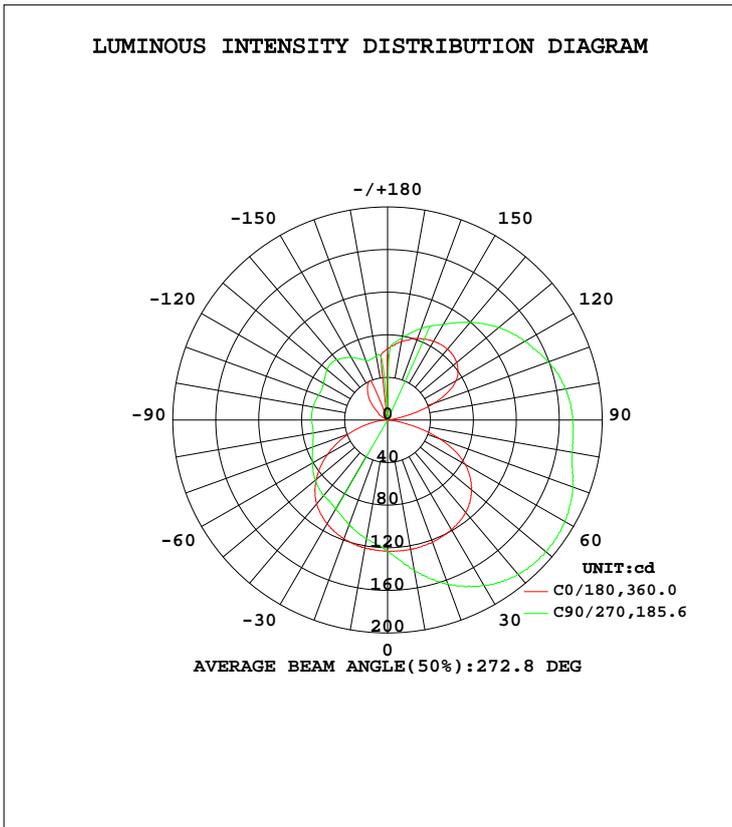


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.02 lm/W			
MODEL	A22-T-2121002	I _{max} (cd)	193.0	S/MH(C0/180)	1.36
NOMINAL POWER(W)	17	LOR(%)	100.0	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1157.8	η UP, DN(C0-180)	27.6, 38.2
NOMINAL FLUX(lm)	1157.77	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	14.2, 20.0
LAMPS INSIDE	1	η up(%)	41.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	58.2	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Jiale liang
 Test Date:2024-04-03

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	123.4	129.3	131.9	128.7	122.7	118.1	117.4	118.5	0- 5	2.945	2.945	0.25,0.25
10	123.6	136.6	142.8	136.1	121.7	113.6	112.6	115.6	5- 10	8.907	11.85	1.02,1.02
15	123.2	144.9	154.1	143.0	120.8	109.9	109.2	112.2	10- 15	14.97	26.83	2.32,2.32
20	121.7	152.2	163.0	149.5	118.5	106.6	103.9	108.4	15- 20	21.03	47.86	4.13,4.13
25	120.9	159.0	173.1	154.3	116.0	103.5	100.1	103.5	20- 25	26.94	74.79	6.46,6.46
30	118.6	163.6	179.2	159.7	112.5	100.4	96.32	97.78	25- 30	32.54	107.3	9.27,9.27
35	116.5	168.1	185.0	162.6	108.2	97.07	93.57	92.57	30- 35	37.78	145.1	12.5,12.5
40	113.0	170.2	188.7	165.2	102.5	94.43	92.36	86.90	35- 40	42.52	187.6	16.2,16.2
45	108.5	171.5	191.7	166.1	95.50	91.62	90.77	81.79	40- 45	46.58	234.2	20.2,20.2
50	102.3	170.2	192.4	166.4	86.40	89.58	87.63	77.14	45- 50	49.76	284.0	24.5,24.5
55	94.09	168.2	192.5	164.3	76.14	87.13	84.74	71.40	50- 55	51.93	335.9	29,29
60	83.73	164.2	190.1	162.7	64.41	84.78	80.78	64.87	55- 60	52.97	388.9	33.6,33.6
65	69.86	158.5	188.1	158.1	52.09	82.21	77.10	57.67	60- 65	52.81	441.7	38.2,38.2
70	51.46	149.4	183.7	153.2	39.08	81.07	74.17	50.54	65- 70	51.45	493.1	42.6,42.6
75	31.66	138.4	178.6	146.7	26.35	78.22	71.73	44.50	70- 75	49.04	542.2	46.8,46.8
80	12.79	127.1	174.2	139.1	14.50	75.42	70.62	42.87	75- 80	46.15	588.3	50.8,50.8
85	2.258	119.1	173.5	131.6	5.958	76.22	70.22	43.37	80- 85	43.66	632.0	54.6,54.6
90	0.2090	120.1	172.8	125.1	1.827	75.23	70.66	43.50	85- 90	42.14	674.1	58.2,58.2
95	1.643	124.6	171.3	118.1	0.8130	74.17	70.88	43.28	90- 95	41.66	715.8	61.8,61.8
100	7.099	129.4	168.3	111.3	0.9004	73.97	70.48	43.05	95-100	41.32	757.1	65.4,65.4
105	25.73	133.4	165.2	105.1	1.185	72.61	69.78	42.77	100-105	40.90	798.0	68.9,68.9
110	45.98	136.1	158.6	101.3	1.309	71.22	68.58	44.92	105-110	40.41	838.4	72.4,72.4
115	62.06	136.5	153.6	95.37	1.987	69.00	67.89	52.00	110-115	39.78	878.2	75.9,75.9
120	73.50	134.1	148.1	91.68	4.451	67.20	69.06	59.22	115-120	38.87	917.1	79.2,79.2
125	80.36	131.5	141.9	88.18	10.07	66.04	71.22	65.89	120-125	37.68	954.7	82.5,82.5
130	84.05	127.7	134.9	85.41	13.10	65.25	73.74	69.88	125-130	35.74	990.5	85.6,85.6
135	86.28	123.6	127.5	81.70	20.15	63.62	74.71	72.58	130-135	33.18	1024	88.4,88.4
140	86.99	118.4	120.0	79.06	27.14	61.57	73.98	73.32	135-140	30.02	1054	91,91
145	86.77	112.9	111.6	76.67	32.37	57.88	71.13	72.10	140-145	26.40	1080	93.3,93.3
150	85.36	107.9	103.9	75.01	37.42	51.24	67.74	70.10	145-150	22.54	1103	95.2,95.2
155	83.82	101.6	97.41	73.50	40.64	47.81	63.79	68.26	150-155	18.67	1121	96.9,96.9
160	81.22	94.77	91.44	72.11	5.984	46.79	60.03	68.43	155-160	14.79	1136	98.1,98.1
165	77.82	88.04	85.12	64.43	1.283	17.05	59.11	68.60	160-165	10.19	1146	99,99
170	74.90	80.70	78.38	6.420	1.431	3.592	61.37	68.52	165-170	6.299	1153	99.6,99.6
175	70.61	73.85	72.77	64.79	62.79	61.81	53.42	67.56	170-175	3.743	1156	99.9,99.9
180	66.71	66.99	20.53	67.38	67.14	67.22	20.50	67.79	175-180	1.446	1158	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 234.22 lm

%lum = 20.2%
%lamp = 20.2%

Conical surface Flux(120deg): 388.88 lm

%lum = 33.6%
%lamp = 33.6%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Jiale liang
Test Date:2024-04-03

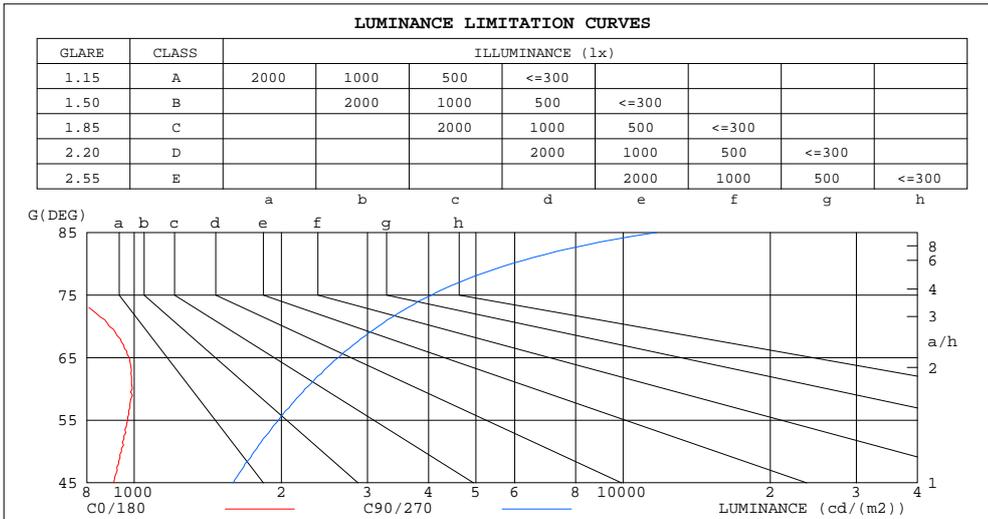
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.786m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	153	11703
80	436	5898
75	724	4056
70	890	3157
65	978	2617
60	991	2235
55	970	1973
50	942	1759
45	908	1594

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Jiale liang
 Test Date:2024-04-03

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

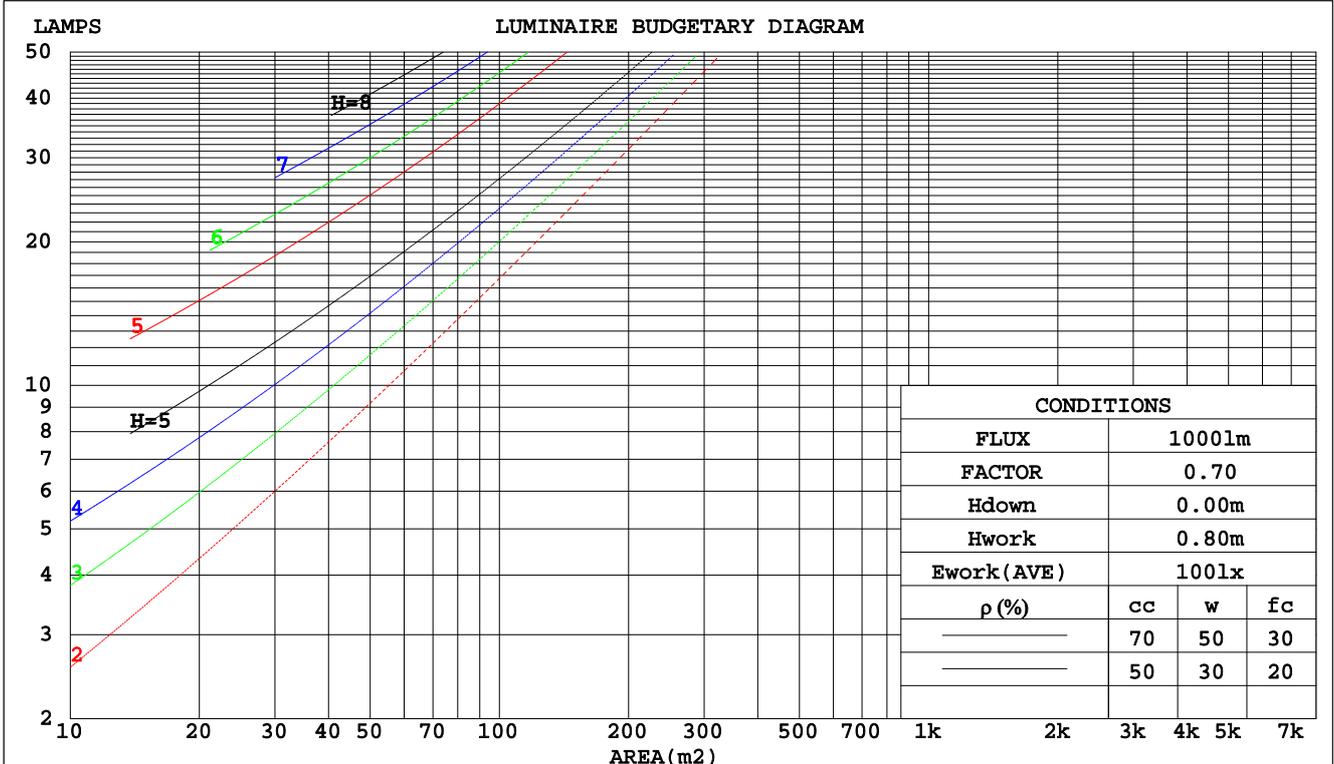
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz		
Lamp Flux:1157.77x1 lm		
NAME:	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	1.09	1.09	1.09	1.02	1.02	1.02	.88	.88	.88	.75	.75	.75	.64	.64	.64	.58
1.0	.90	.85	.80	.84	.79	.75	.72	.68	.65	.61	.58	.55	.51	.49	.47	.42
2.0	.77	.69	.63	.71	.64	.59	.61	.55	.51	.51	.47	.44	.42	.39	.37	.32
3.0	.66	.57	.50	.61	.54	.47	.52	.46	.41	.44	.39	.35	.36	.33	.30	.26
4.0	.58	.49	.42	.54	.45	.39	.46	.39	.34	.39	.33	.29	.32	.28	.24	.21
5.0	.51	.42	.35	.47	.39	.33	.41	.34	.29	.34	.29	.25	.28	.24	.21	.17
6.0	.46	.36	.30	.42	.34	.28	.36	.30	.25	.31	.25	.21	.25	.21	.18	.15
7.0	.41	.32	.26	.38	.30	.24	.33	.26	.21	.28	.22	.18	.23	.19	.15	.13
8.0	.37	.28	.23	.34	.27	.21	.30	.23	.19	.25	.20	.16	.21	.17	.14	.11
9.0	.34	.25	.20	.31	.24	.19	.27	.21	.17	.23	.18	.14	.19	.15	.12	.10
10.0	.31	.23	.18	.29	.22	.17	.25	.19	.15	.21	.16	.13	.18	.14	.11	.09



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Jiale liang
 Test Date:2024-04-03

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:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz		
Lamp Flux:1157.77x1 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	.381	.217	.069	.362	.206	.066	.324	.186	.059	.290	.167	.054	.259	.150	.048	
2.0	.327	.179	.055	.309	.170	.052	.275	.153	.047	.243	.137	.043	.215	.121	.038	
3.0	.289	.154	.046	.273	.146	.044	.242	.131	.040	.213	.117	.036	.186	.103	.032	
4.0	.260	.135	.040	.245	.128	.038	.216	.115	.034	.190	.102	.031	.165	.090	.027	
5.0	.236	.120	.035	.222	.114	.033	.196	.102	.030	.172	.091	.027	.149	.080	.024	
6.0	.216	.108	.031	.203	.103	.030	.179	.092	.027	.157	.081	.024	.136	.071	.021	
7.0	.199	.098	.028	.187	.093	.027	.165	.083	.024	.144	.074	.022	.125	.065	.019	
8.0	.184	.090	.025	.174	.085	.024	.153	.076	.022	.134	.068	.020	.115	.059	.017	
9.0	.172	.083	.023	.162	.079	.022	.143	.070	.020	.125	.062	.018	.107	.055	.016	
10.0	.161	.077	.021	.151	.073	.020	.133	.065	.018	.117	.058	.016	.101	.051	.015	

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	.509	.509	.509	.435	.435	.435	.297	.297	.297	.170	.170	.170	.055	.055	.055	
1.0	.506	.476	.450	.433	.409	.387	.296	.281	.268	.171	.163	.156	.055	.052	.050	
2.0	.500	.455	.417	.428	.391	.360	.293	.271	.251	.169	.158	.147	.054	.051	.048	
3.0	.493	.439	.396	.423	.379	.344	.290	.263	.241	.168	.154	.142	.054	.050	.047	
4.0	.486	.427	.383	.417	.369	.333	.287	.257	.234	.166	.151	.139	.053	.049	.046	
5.0	.478	.418	.374	.411	.362	.325	.283	.253	.230	.164	.148	.136	.053	.048	.045	
6.0	.471	.411	.367	.405	.356	.320	.279	.249	.226	.162	.146	.134	.052	.048	.044	
7.0	.465	.404	.362	.400	.351	.316	.276	.246	.224	.160	.145	.133	.052	.047	.044	
8.0	.458	.399	.359	.394	.346	.313	.273	.243	.222	.159	.143	.132	.051	.047	.044	
9.0	.452	.395	.356	.390	.343	.310	.270	.241	.220	.157	.142	.131	.051	.047	.044	
10.0	.447	.391	.354	.385	.339	.309	.267	.239	.219	.156	.141	.131	.051	.046	.043	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Jiale liang
 Test Date:2024-04-03

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:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz										
Lamp Flux:1157.77x1 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	11.6	12.7	12.4	13.6	14.5	14.3	15.5	15.1	16.3	17.3
3H	13.3	14.4	14.1	15.2	16.2	17.4	18.4	18.2	19.3	20.3
4H	13.9	14.9	14.7	15.7	16.8	19.1	20.1	19.9	20.9	22.0
6H	14.2	15.1	15.1	16.0	17.1	21.0	21.9	21.8	22.8	23.8
8H	14.2	15.1	15.1	16.0	17.1	22.1	23.0	22.9	23.8	24.9
12H	14.2	15.1	15.1	15.9	17.0	23.3	24.2	24.2	25.1	26.2
4H 2H	13.2	14.2	14.0	15.0	16.1	15.0	16.0	15.8	16.8	17.9
3H	15.3	16.1	16.1	17.0	18.1	18.3	19.1	19.1	20.0	21.1
4H	16.1	16.9	17.0	17.8	18.9	20.1	20.9	21.0	21.8	22.9
6H	16.7	17.3	17.5	18.2	19.4	22.2	22.9	23.1	23.8	25.0
8H	16.8	17.4	17.7	18.4	19.5	23.4	24.1	24.3	25.0	26.1
12H	16.9	17.4	17.8	18.4	19.6	24.8	25.4	25.7	26.3	27.5
8H 4H	17.5	18.1	18.4	19.0	20.2	20.5	21.2	21.4	22.1	23.2
6H	18.5	19.1	19.5	20.0	21.2	22.9	23.4	23.8	24.4	25.6
8H	18.9	19.4	19.9	20.4	21.6	24.3	24.8	25.3	25.7	27.0
12H	19.2	19.6	20.2	20.6	21.8	26.0	26.4	26.9	27.3	28.6
12H 4H	17.9	18.5	18.8	19.4	20.6	20.5	21.1	21.4	22.0	23.2
6H	19.3	19.8	20.2	20.7	21.9	23.0	23.5	24.0	24.5	25.7
8H	19.9	20.4	20.9	21.3	22.6	24.6	25.0	25.5	25.9	27.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.5					+ 0.3 / - 0.4				

CIE Pub.117, 1158 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.5)
 Area: 0.16965 m2

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Temperature:25.1DEG	Humidity:60.5%
Operators:Jiale liang	Test Distance:2.786m [K=1.0000]
Test Date:2024-04-03	Remarks: File No.: WT-F-504-3206-01-A
Checker: Near Gao	Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 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	40	28	21	38	27	20	35	25	19	12
0.80	49	36	27	46	34	27	42	31	25	15
1.00	56	43	34	53	41	33	47	39	30	20
1.25	63	50	41	60	48	39	53	43	36	23
1.50	69	56	47	64	53	44	57	47	40	26
2.00	76	64	55	71	61	53	62	54	47	31
2.50	81	70	61	76	66	58	66	58	52	34
3.00	85	75	67	79	70	63	69	62	56	37
4.00	90	81	74	84	76	70	73	67	62	40
5.00	93	86	79	87	80	74	75	70	66	43
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:2024-04-03

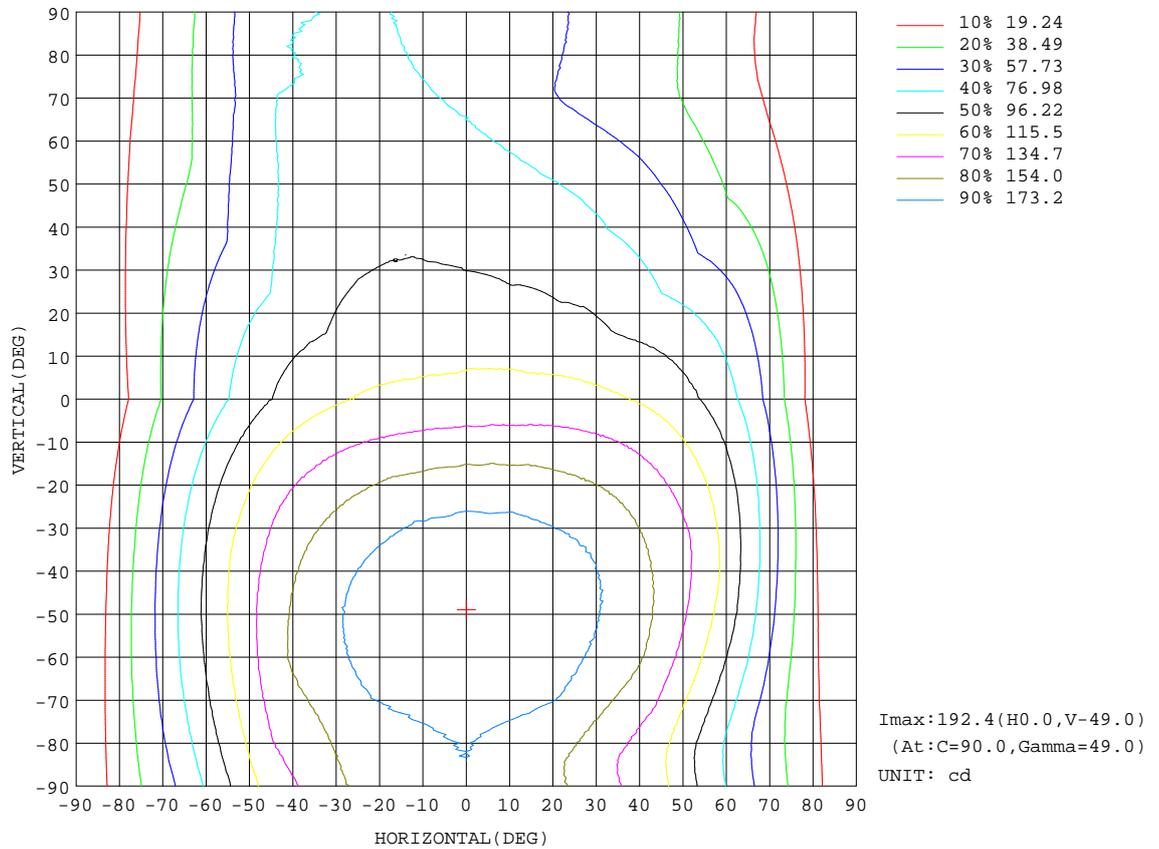
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.786m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 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: 2024-04-03

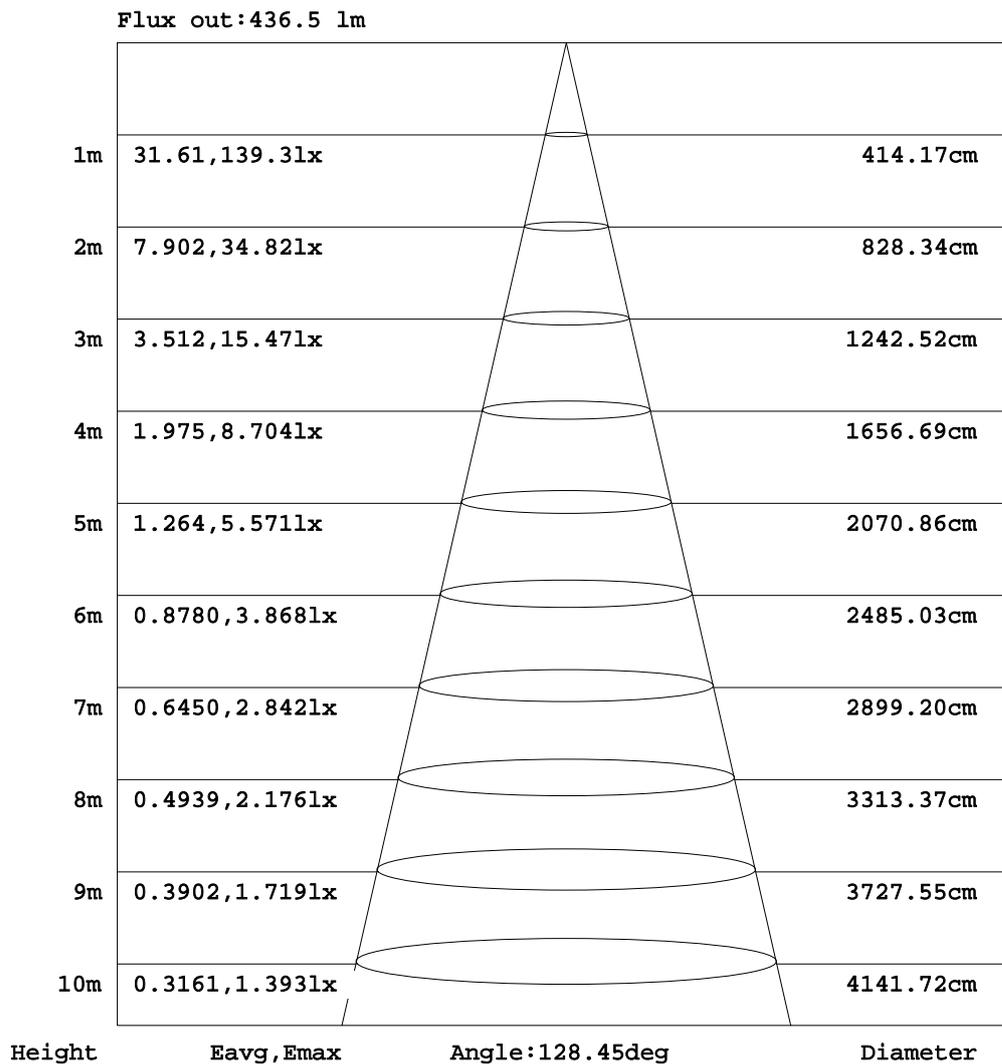
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.786m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 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: 2024-04-03

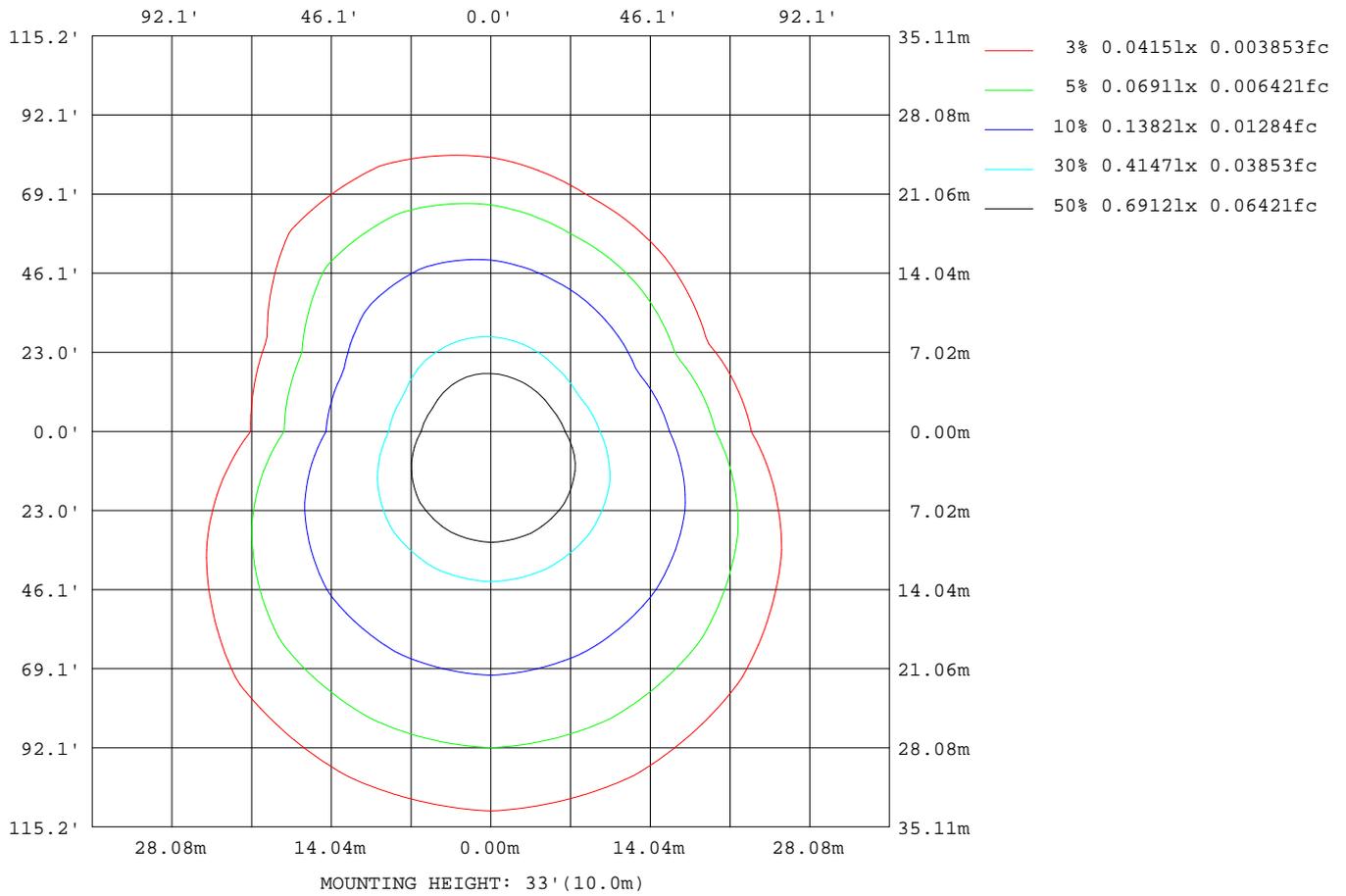
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.786m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 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:2024-04-03

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:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	850
L_0~180(75)av	661
L_0~180(85)av	278
L_90~270(65)av	1850
L_90~270(75)av	2850
L_90~270(85)av	8242
L_45(65)av	1592
L_45(75)av	2322
L_45(85)av	6260

Standard: GB/T 29293-2012

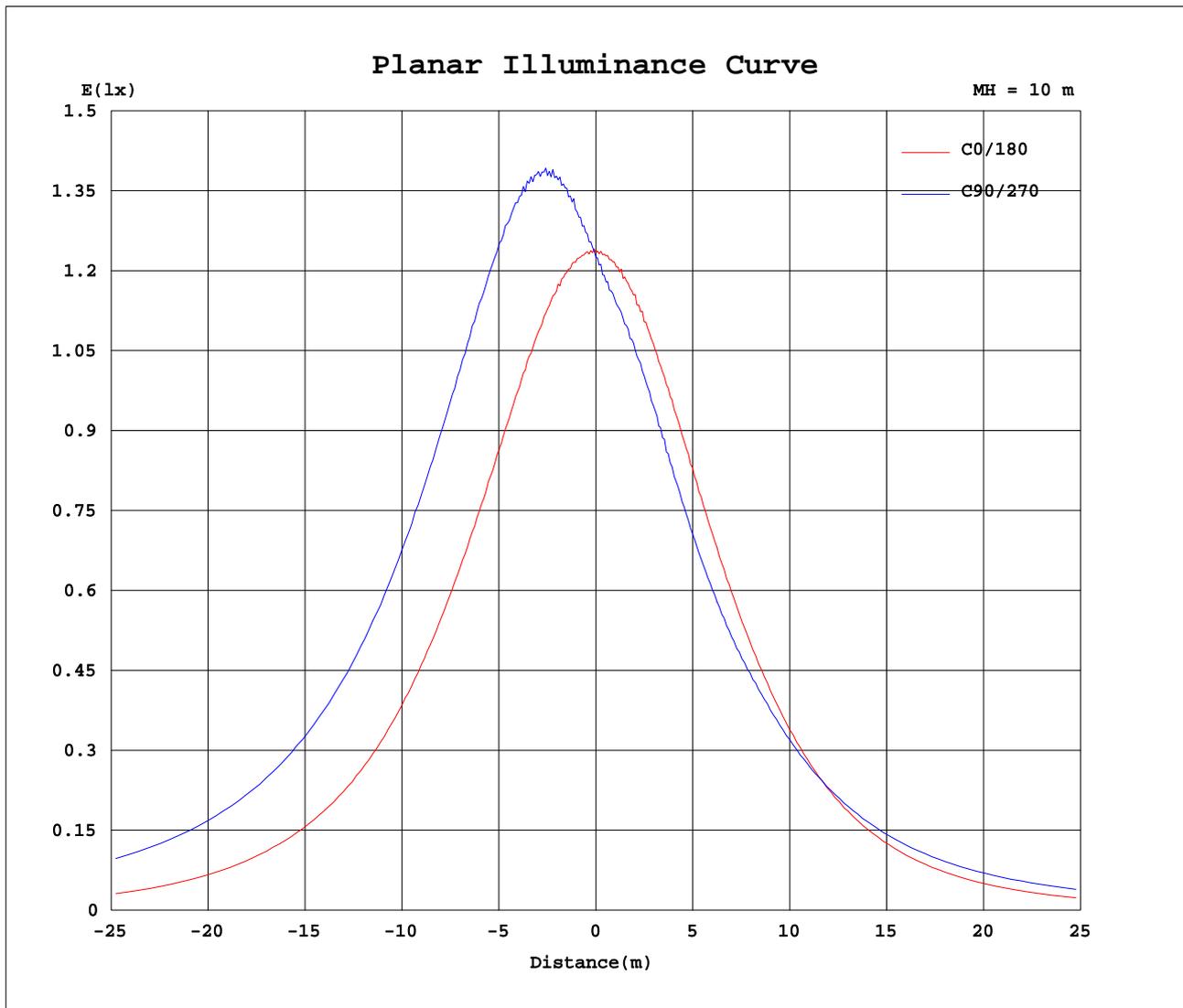
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Jiale liang
 Test Date:2024-04-03

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: 2024-04-03

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:230.22V I:0.0748A P:16.775W PF:0.9744 Freq:50.00Hz Lamp Flux:1157.77x1 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	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123			
5	123	125	129	131	132	131	129	126	123	120	118	116	117	118	119	120			
10	124	129	137	141	143	141	136	128	122	116	114	113	113	114	116	118			
15	123	133	145	152	154	151	143	131	121	113	110	109	109	110	112	116			
20	122	138	152	161	163	159	149	134	118	110	107	106	104	105	108	113			
25	121	140	159	168	173	167	154	135	116	106	104	101	100	100	104	109			
30	119	143	164	175	179	173	160	137	113	101	100	98.8	96.3	95.0	97.8	104			
35	117	145	168	180	185	179	163	136	108	96.1	97.1	96.3	93.6	91.5	92.6	98.9			
40	113	145	170	185	189	182	165	136	102	90.7	94.4	94.2	92.4	89.5	86.9	91.3			
45	108	144	171	186	192	185	166	135	95.5	84.2	91.6	92.0	90.8	86.3	81.8	84.9			
50	102	141	170	186	192	186	166	131	86.4	76.8	89.6	91.3	87.6	81.6	77.1	77.3			
55	94.1	137	168	185	193	186	164	125	76.1	69.2	87.1	89.8	84.7	76.2	71.4	68.4			
60	83.7	131	164	183	190	184	163	118	64.4	61.8	84.8	88.5	80.8	69.9	64.9	58.5			
65	69.9	120	158	179	188	181	158	109	52.1	53.7	82.2	86.4	77.1	64.0	57.7	48.5			
70	51.5	106	149	174	184	175	153	99.7	39.1	45.3	81.1	84.7	74.2	58.7	50.5	38.8			
75	31.7	88.2	138	167	179	170	147	88.8	26.3	38.5	78.2	82.8	71.7	57.2	44.5	30.5			
80	12.8	69.8	127	160	174	166	139	77.8	14.5	33.8	75.4	81.3	70.6	57.8	42.9	23.5			
85	2.26	54.2	119	154	174	165	132	66.7	5.96	30.5	76.2	79.9	70.2	58.2	43.4	19.1			
90	0.21	54.5	120	155	173	161	125	56.7	1.83	28.2	75.2	78.9	70.7	58.5	43.5	18.7			
95	1.64	65.1	125	157	171	159	118	47.5	0.81	27.6	74.2	78.3	70.9	58.6	43.3	19.6			
100	7.10	76.6	129	158	168	154	111	40.7	0.90	27.8	74.0	78.0	70.5	57.9	43.0	20.5			
105	25.7	86.5	133	158	165	148	105	37.6	1.18	28.0	72.6	77.3	69.8	57.1	42.8	21.8			
110	46.0	92.7	136	156	159	143	101	36.3	1.31	28.5	71.2	75.3	68.6	56.6	44.9	29.8			
115	62.1	98.5	137	153	154	138	95.4	36.7	1.99	28.9	69.0	73.3	67.9	58.8	52.0	43.9			
120	73.5	103	134	149	148	131	91.7	39.0	4.45	30.6	67.2	72.4	69.1	63.1	59.2	56.2			
125	80.4	106	132	144	142	125	88.2	41.9	10.1	33.5	66.0	72.8	71.2	67.8	65.9	65.6			
130	84.0	107	128	138	135	118	85.4	45.0	13.1	36.4	65.2	73.6	73.7	71.7	69.9	71.5			
135	86.3	107	124	132	128	111	81.7	48.2	20.2	38.9	63.6	73.3	74.7	72.9	72.6	74.5			
140	87.0	105	118	125	120	104	79.1	51.2	27.1	40.6	61.6	71.6	74.0	72.9	73.3	74.7			
145	86.8	102	113	116	112	97.0	76.7	52.9	32.4	41.9	57.9	68.1	71.1	71.4	72.1	75.4			
150	85.4	98.3	108	109	104	91.6	75.0	52.3	37.4	43.0	51.2	64.3	67.7	68.2	70.1	75.6			
155	83.8	94.0	102	103	97.4	87.7	73.5	53.7	40.6	44.6	47.8	59.8	63.8	65.1	68.3	75.3			
160	81.2	89.4	94.8	95.8	91.4	83.4	72.1	54.3	5.98	30.0	46.8	56.3	60.0	62.8	68.4	74.6			
165	77.8	84.6	88.0	88.1	85.1	78.8	64.4	6.97	1.28	0.87	17.1	55.5	59.1	63.7	68.6	74.0			
170	74.9	79.2	80.7	81.0	78.4	74.0	6.42	7.01	1.43	1.98	3.59	21.4	61.4	64.7	68.5	72.0			
175	70.6	72.1	73.9	73.9	72.8	7.70	64.8	65.4	62.8	61.3	61.8	15.8	53.4	65.5	67.6	69.4			
180	66.7	66.7	67.0	67.2	20.5	65.7	67.4	67.4	67.1	66.7	67.2	66.9	20.5	65.7	67.8	67.5			

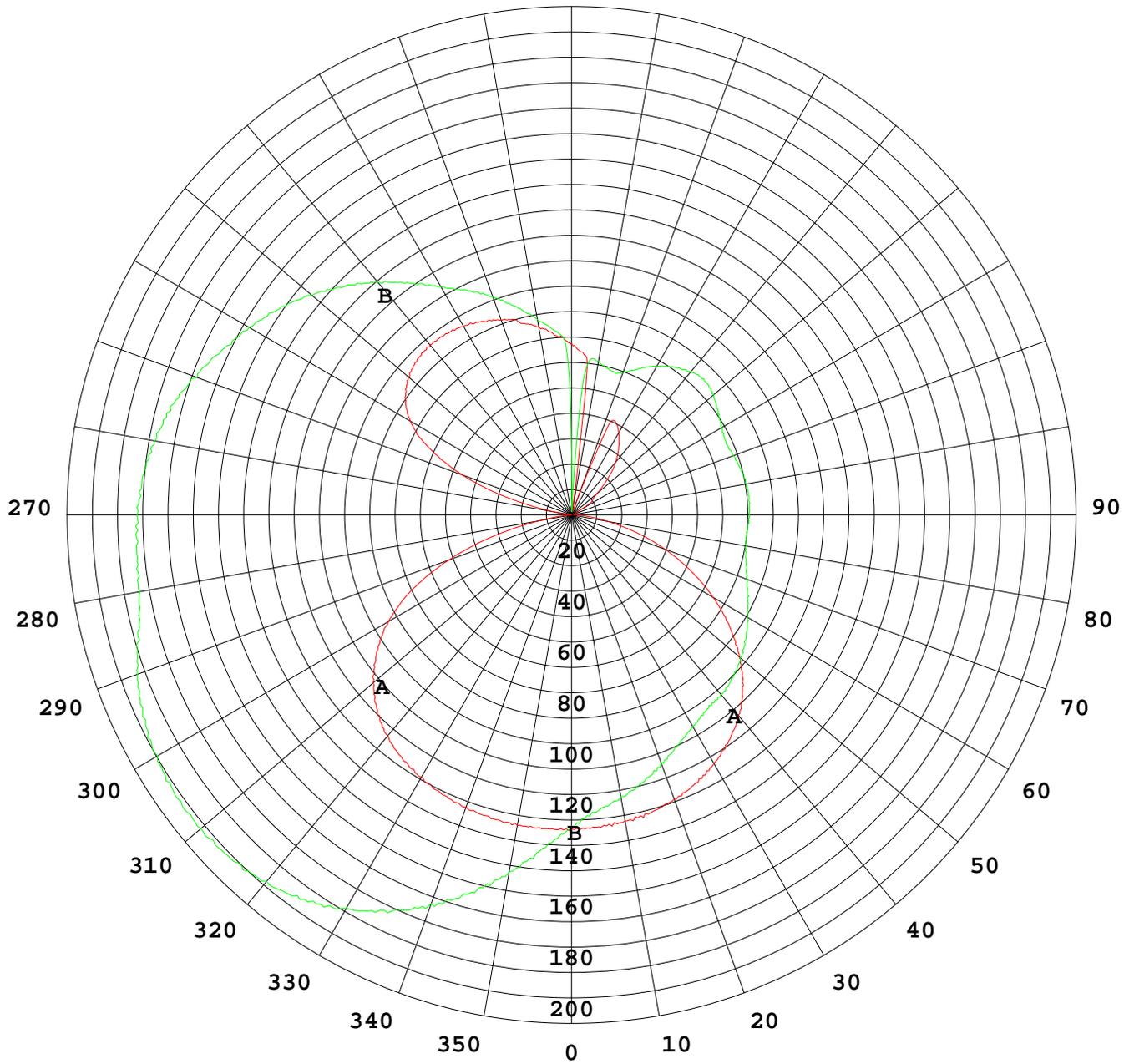
C Range: 0 - 360DEG
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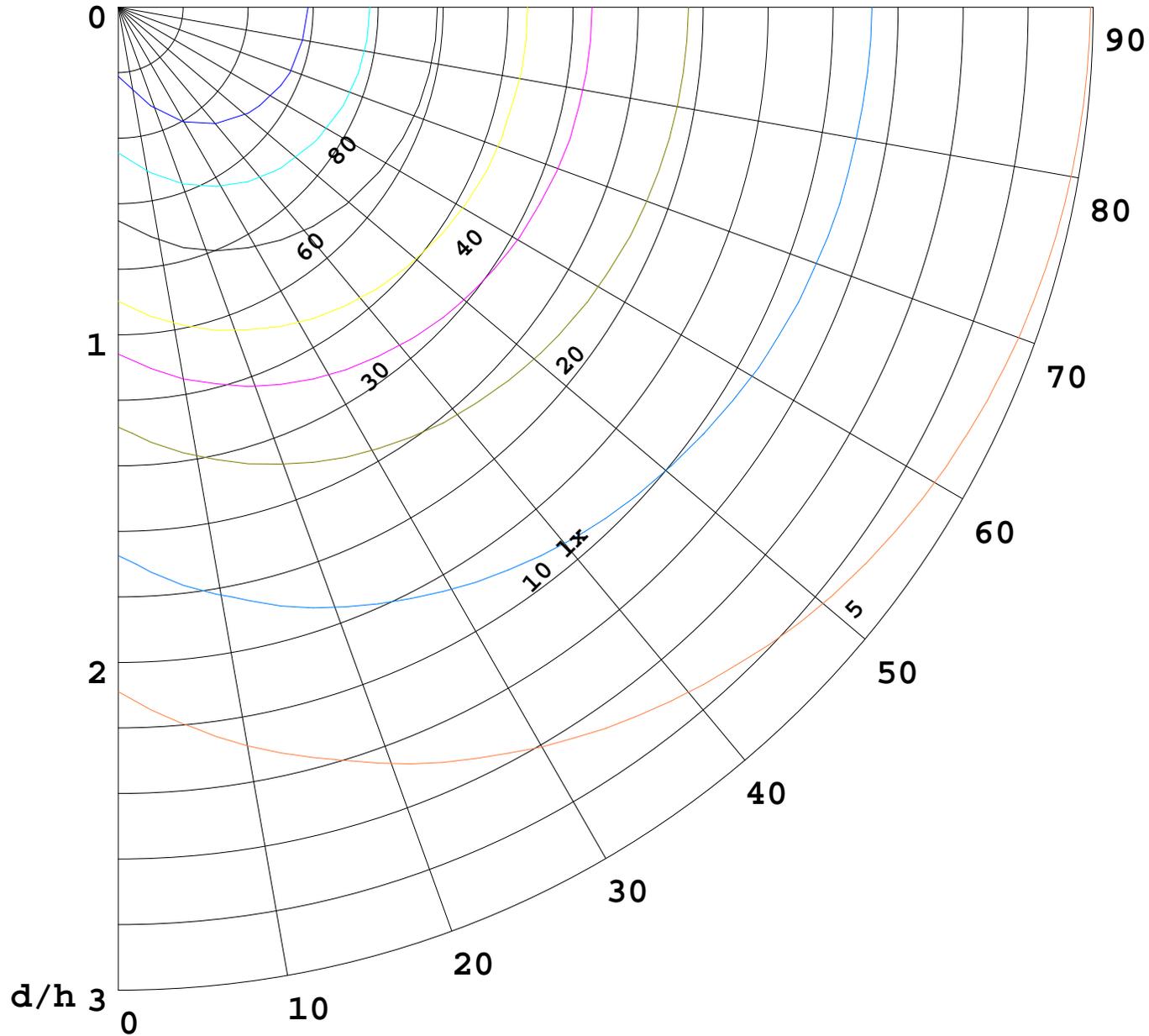
Assessor: Akin Xu

I(cd)



1000 lm

$K = 1$



F = 1000 lm
K = 0.7
Hcc = 0.8 m
Hfc = 0.0 m
Eave = 100 lx

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

