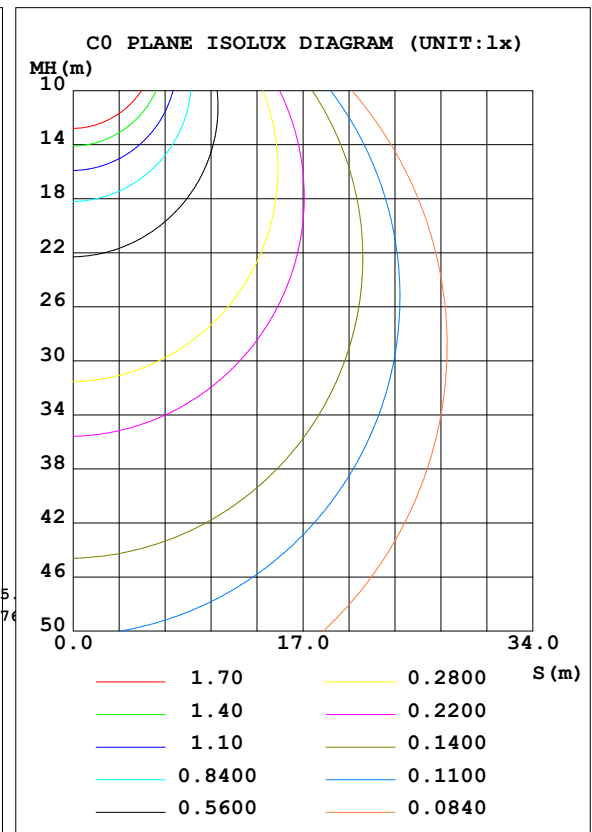
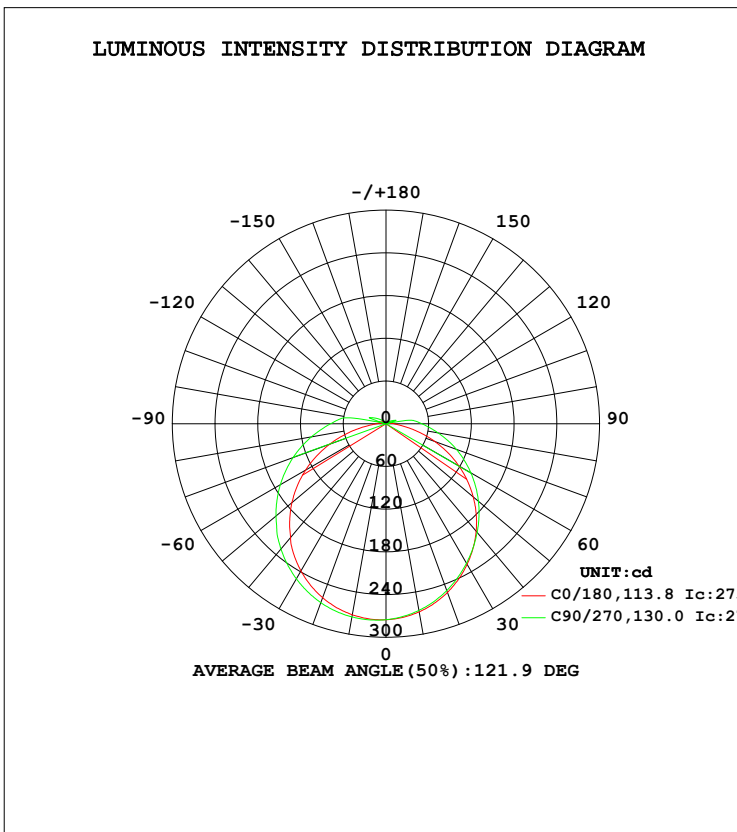


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shada BV	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.17 lm/W			
MODEL	2710011	I _{max} (cd)	276.6	S/MH (C0/180)	1.29
NOMINAL POWER (W)	11	LOR (%)	100.0	S/MH (C90/270)	1.36
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	973.45	η UP, DN (C0-180)	2.4, 43.7
NOMINAL FLUX (lm)	973.452	CIE CLASS	DIRECT	η UP, DN (C180-360)	3.8, 50.1
LAMPS INSIDE	1	η up (%)	6.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	93.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 60.5%
 Test Distance: 2.521m [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	273.0	271.6	271.8	273.1	275.1	276.3	276.3	275.0	0- 5	6.566	6.566	0.67,0.67
10	268.4	265.8	266.3	268.8	272.5	275.3	275.6	272.5	5- 10	19.48	26.05	2.68,2.68
15	261.2	258.0	258.8	262.2	267.6	271.9	272.5	267.8	10- 15	31.77	57.82	5.94,5.94
20	252.2	248.0	249.4	253.5	260.1	266.3	267.4	260.9	15- 20	43.03	100.9	10.4,10.4
25	241.1	236.1	238.4	242.7	250.6	258.5	260.4	252.0	20- 25	52.93	153.8	15.8,15.8
30	228.0	222.6	226.2	230.1	238.8	248.6	251.6	241.2	25- 30	61.16	214.9	22.1,22.1
35	213.3	207.9	213.1	216.0	225.2	236.8	241.2	228.6	30- 35	67.53	282.5	29,29
40	197.0	192.2	199.3	200.9	208.6	223.5	229.6	214.1	35- 40	71.82	354.3	36.4,36.4
45	179.3	175.8	184.7	184.7	191.3	207.4	216.6	198.5	40- 45	74.07	428.4	44,44
50	160.0	158.8	169.6	167.9	172.5	191.3	201.7	182.5	45- 50	74.27	502.6	51.6,51.6
55	139.5	141.6	153.7	150.7	152.2	174.4	187.0	165.8	50- 55	72.49	575.1	59.1,59.1
60	118.2	124.0	137.6	133.0	130.4	156.8	171.4	148.5	55- 60	68.83	644.0	66.2,66.2
65	95.93	106.5	121.2	115.1	107.7	138.6	155.2	130.8	60- 65	63.47	707.4	72.7,72.7
70	72.88	89.01	105.2	97.29	84.15	120.3	138.8	113.2	65- 70	56.71	764.1	78.5,78.5
75	50.87	72.73	89.12	80.07	60.80	102.4	122.4	96.16	70- 75	48.96	813.1	83.5,83.5
80	31.10	57.98	74.34	64.46	38.98	85.26	106.3	80.04	75- 80	40.76	853.9	87.7,87.7
85	16.97	45.14	61.13	50.54	21.95	69.86	91.10	65.67	80- 85	32.84	886.7	91.1,91.1
90	11.29	35.16	50.66	39.47	12.94	56.62	78.07	53.44	85- 90	26.10	912.8	93.8,93.8
95	3.165	23.36	42.15	30.90	11.16	46.02	67.11	43.46	90- 95	20.65	933.4	95.9,95.9
100	9.114	4.040	24.41	3.020	2.414	0.4353	45.79	0.3344	95-100	12.42	945.9	97.2,97.2
105	8.003	12.34	0.4214	12.93	9.042	23.96	0.2423	17.38	100-105	4.921	950.8	97.7,97.7
110	7.015	8.237	14.53	8.975	7.760	15.25	25.28	13.67	105-110	5.668	956.5	98.3,98.3
115	5.695	6.011	11.18	6.701	6.514	11.37	20.11	10.63	110-115	5.580	962.0	98.8,98.8
120	4.334	4.141	8.072	4.716	5.318	8.390	15.43	7.501	115-120	4.082	966.1	99.2,99.2
125	3.631	2.628	5.587	3.033	4.216	5.693	11.47	4.575	120-125	2.831	969.0	99.5,99.5
130	2.222	1.623	3.639	1.848	0.3342	3.617	8.041	2.813	125-130	1.782	970.7	99.7,99.7
135	1.492	0.8926	2.198	1.065	1.496	2.056	5.259	1.680	130-135	1.025	971.8	99.8,99.8
140	0.8529	0.4874	1.316	0.5480	1.078	1.030	3.154	0.8302	135-140	0.5809	972.3	99.9,99.9
145	0.4851	0.4333	0.7264	0.4891	0.7856	0.9139	1.787	0.7604	140-145	0.3265	972.7	99.9,99.9
150	0.4456	0.4625	0.4568	0.4851	0.6390	0.9206	1.039	0.7751	145-150	0.2008	972.9	99.9,99.9
155	0.4488	0.4790	0.4809	0.5029	0.7759	0.8328	1.081	0.8152	150-155	0.1718	973.0	100,100
160	0.4624	0.4982	0.4734	0.5167	0.8938	0.9849	1.060	0.8615	155-160	0.1489	973.2	100,100
165	0.4852	0.5075	0.4671	0.5130	0.9128	0.9941	0.8965	0.8891	160-165	0.1171	973.3	100,100
170	0.5258	0.5147	0.4706	0.5109	0.8973	0.9066	0.8799	0.8313	165-170	0.0837	973.4	100,100
175	0.5343	0.5481	0.4897	0.5098	0.7789	0.7952	0.7490	0.7385	170-175	0.0477	973.4	100,100
180	0.6620	0.6651	0.5998	0.6031	0.6636	0.6687	0.6021	0.6054	175-180	0.0153	973.5	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

Conical surface Flux(90deg): 428.37 lm

%lum = 44.0%
%lamp = 44.0%

Conical surface Flux(120deg): 643.95 lm

%lum = 66.2%
%lamp = 66.2%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2021-03-11

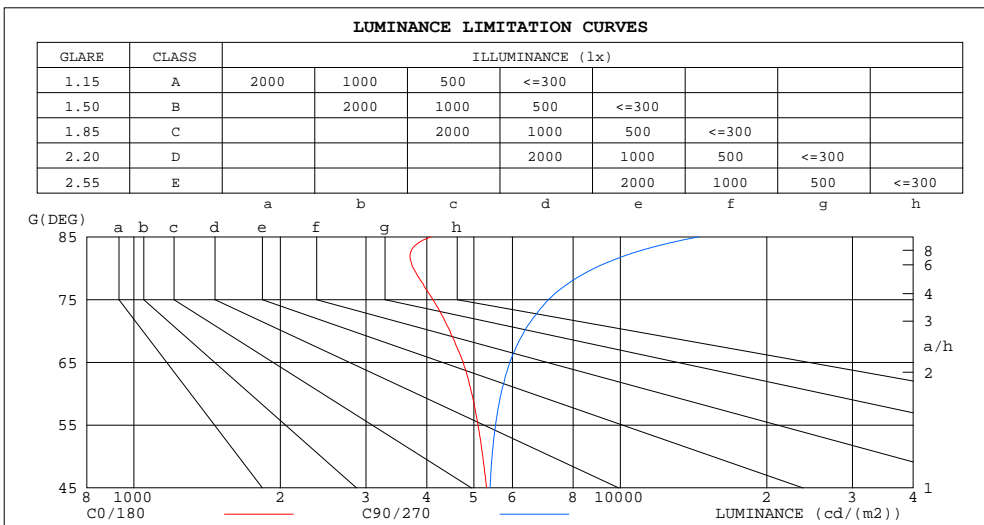
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:60.5%
Test Distance:2.521m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4080	14492
80	3753	8845
75	4117	7114
70	4465	6354
65	4756	5926
60	4951	5687
55	5096	5538
50	5215	5451
45	5311	5397

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:60.5%
 Test Distance:2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

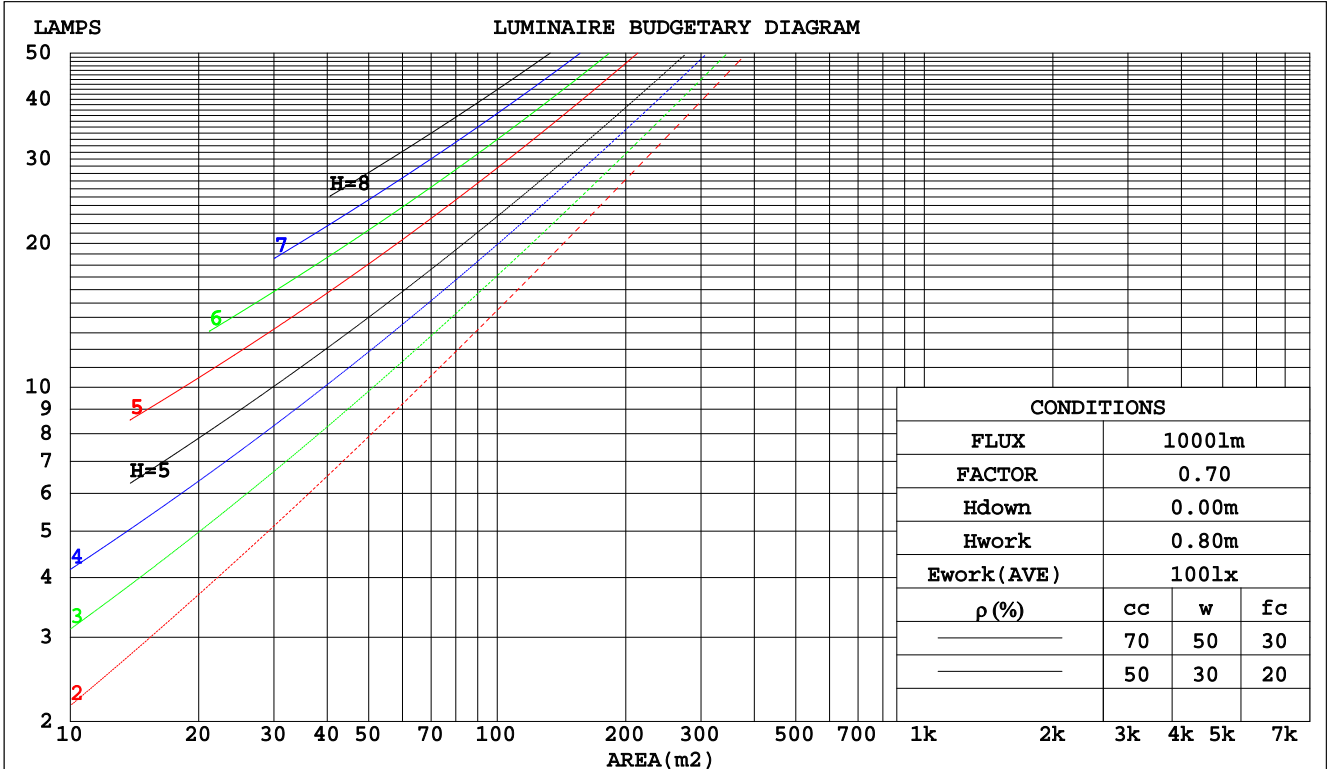
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 lm		
NAME: 1	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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94
1.0	.99	.94	.90	.96	.92	.88	.91	.87	.84	.86	.83	.80	.81	.79	.76	.74
2.0	.85	.78	.71	.83	.76	.70	.78	.73	.67	.74	.69	.65	.70	.66	.63	.60
3.0	.74	.66	.58	.72	.64	.58	.68	.61	.56	.65	.59	.54	.61	.56	.52	.50
4.0	.66	.56	.49	.64	.55	.48	.60	.53	.47	.57	.51	.46	.54	.49	.44	.42
5.0	.58	.49	.42	.57	.48	.41	.54	.46	.40	.51	.45	.39	.49	.43	.38	.36
6.0	.52	.43	.36	.51	.42	.36	.49	.41	.35	.46	.39	.34	.44	.38	.33	.31
7.0	.47	.38	.32	.46	.38	.32	.44	.36	.31	.42	.35	.30	.40	.34	.30	.27
8.0	.43	.34	.28	.42	.34	.28	.40	.33	.27	.39	.32	.27	.37	.31	.26	.24
9.0	.40	.31	.25	.39	.31	.25	.37	.30	.25	.36	.29	.24	.34	.28	.24	.22
10.0	.36	.28	.23	.36	.28	.23	.34	.27	.22	.33	.26	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 60.5%
 Test Distance: 2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 lm		
NAME: 1	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	.367	.209	.066	.358	.204	.065	.341	.196	.062	.325	.188	.060	.311	.180	.058	
2.0	.325	.178	.055	.317	.174	.054	.301	.168	.052	.287	.161	.050	.274	.155	.049	
3.0	.292	.155	.046	.284	.152	.046	.271	.147	.045	.258	.141	.043	.246	.136	.042	
4.0	.264	.137	.040	.258	.135	.040	.246	.130	.039	.234	.126	.038	.224	.122	.037	
5.0	.241	.123	.036	.236	.121	.035	.225	.117	.034	.214	.113	.034	.205	.109	.033	
6.0	.222	.111	.032	.217	.109	.031	.207	.106	.031	.197	.103	.030	.189	.099	.030	
7.0	.205	.101	.029	.200	.100	.028	.191	.097	.028	.183	.094	.027	.175	.091	.027	
8.0	.191	.093	.026	.186	.092	.026	.178	.089	.025	.171	.086	.025	.163	.084	.024	
9.0	.178	.086	.024	.174	.085	.024	.167	.082	.023	.160	.080	.023	.153	.078	.022	
10.0	.167	.080	.022	.163	.079	.022	.156	.077	.022	.150	.075	.021	.144	.072	.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	.238	.238	.238	.203	.203	.203	.139	.139	.139	.080	.080	.080	.025	.025	.025	
1.0	.232	.203	.178	.199	.175	.153	.136	.120	.106	.078	.070	.062	.025	.022	.020	
2.0	.225	.180	.142	.193	.155	.123	.132	.107	.086	.076	.062	.050	.024	.020	.016	
3.0	.217	.163	.120	.186	.141	.104	.128	.098	.073	.074	.057	.043	.024	.019	.014	
4.0	.209	.150	.105	.180	.130	.091	.123	.090	.064	.071	.053	.038	.023	.017	.012	
5.0	.201	.140	.094	.173	.121	.082	.119	.085	.058	.069	.050	.034	.022	.016	.011	
6.0	.194	.132	.087	.167	.114	.076	.115	.080	.054	.067	.047	.032	.022	.015	.011	
7.0	.187	.125	.081	.161	.108	.071	.111	.076	.050	.065	.045	.030	.021	.015	.010	
8.0	.180	.119	.077	.155	.103	.067	.107	.073	.048	.062	.043	.028	.020	.014	.009	
9.0	.174	.114	.074	.150	.099	.065	.104	.070	.046	.060	.041	.027	.020	.014	.009	
10.0	.168	.110	.071	.145	.096	.062	.100	.067	.044	.059	.040	.026	.019	.013	.009	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:60.5%
 Test Distance:2.521m [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:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 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	17.6	19.1	18.0	19.4	19.8	18.2	19.8	18.6	20.1	20.4
3H	19.2	20.6	19.6	20.9	21.3	20.4	21.8	20.8	22.1	22.5
4H	19.8	21.1	20.2	21.5	21.9	21.5	22.8	21.9	23.2	23.6
6H	20.3	21.5	20.7	21.9	22.3	22.6	23.9	23.0	24.3	24.7
8H	20.4	21.7	20.9	22.1	22.5	23.2	24.5	23.7	24.9	25.3
12H	20.6	21.8	21.0	22.2	22.6	23.9	25.1	24.4	25.5	26.0
4H 2H	18.4	19.7	18.8	20.1	20.4	18.8	20.2	19.2	20.5	20.9
3H	20.1	21.3	20.6	21.7	22.1	21.2	22.3	21.6	22.8	23.2
4H	20.9	22.0	21.4	22.4	22.9	22.5	23.5	22.9	24.0	24.4
6H	21.5	22.5	22.0	23.0	23.5	23.8	24.8	24.3	25.3	25.8
8H	21.8	22.7	22.3	23.2	23.7	24.6	25.5	25.1	25.9	26.5
12H	22.0	22.8	22.5	23.3	23.9	25.4	26.2	25.9	26.7	27.3
8H 4H	21.5	22.4	22.0	22.8	23.4	22.8	23.7	23.3	24.2	24.7
6H	22.4	23.1	22.9	23.6	24.2	24.4	25.2	25.0	25.7	26.3
8H	22.8	23.5	23.3	24.0	24.6	25.3	26.0	25.9	26.6	27.2
12H	23.1	23.7	23.7	24.3	24.9	26.4	27.0	27.0	27.6	28.2
12H 4H	21.6	22.4	22.1	22.9	23.5	22.8	23.6	23.3	24.1	24.7
6H	22.6	23.3	23.2	23.9	24.5	24.5	25.2	25.1	25.7	26.3
8H	23.2	23.8	23.7	24.3	24.9	25.6	26.2	26.1	26.7	27.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 973.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:60.5%
 Test Distance:2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 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	53	40	33	52	40	33	50	40	33	26
0.80	62	50	42	61	49	42	59	48	41	34
1.00	70	58	50	69	57	50	66	58	49	41
1.25	77	65	57	75	64	57	72	63	56	47
1.50	82	71	63	80	70	62	77	68	61	52
2.00	89	79	72	87	78	71	83	75	69	59
2.50	93	84	77	91	82	76	86	79	74	64
3.00	97	89	82	94	87	81	89	83	78	68
4.00	101	94	88	99	92	87	93	88	84	73
5.00	104	98	93	101	96	91	96	91	87	76
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNO = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2021-03-11

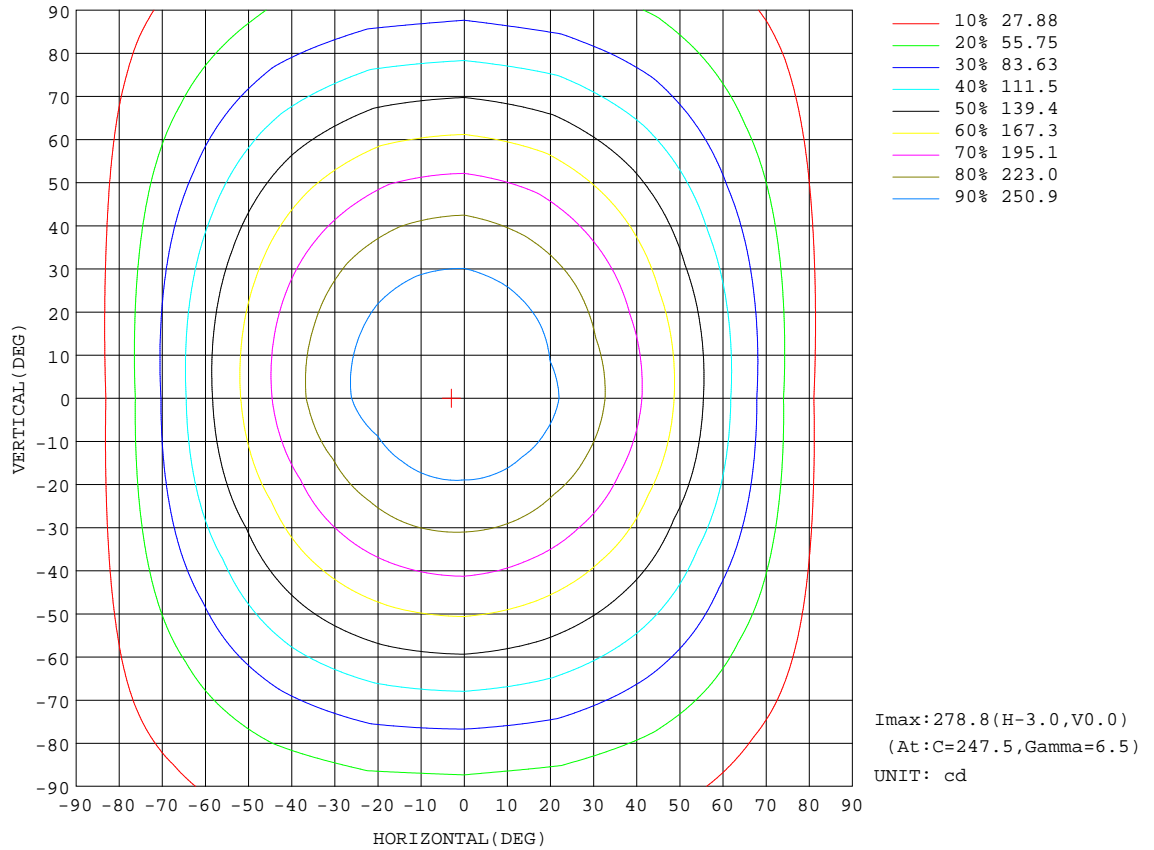
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:60.5%
 Test Distance:2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 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: 25.1DEG
 Operators: Wilson
 Test Date: 2021-03-11

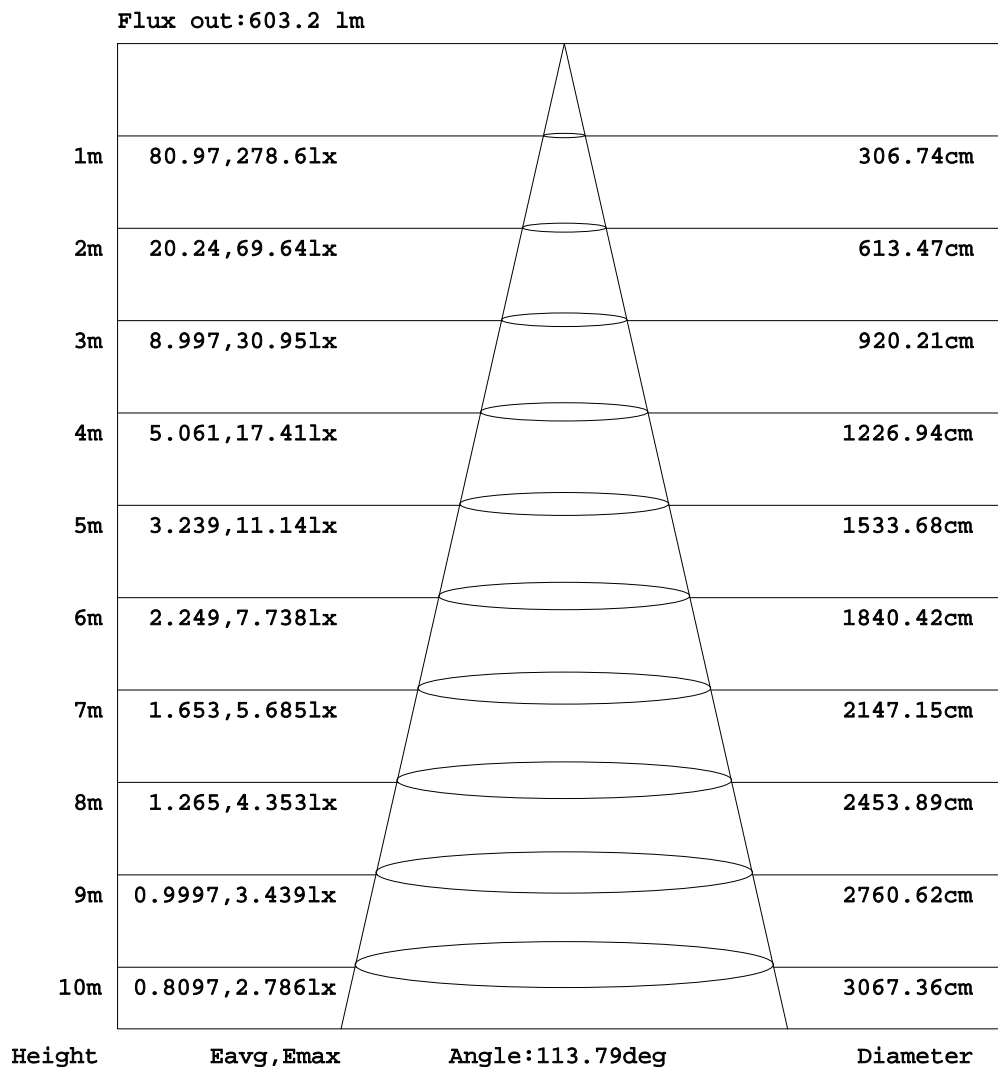
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 60.5%
 Test Distance: 2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 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: 25.1DEG
 Operators: Wilson
 Test Date: 2021-03-11

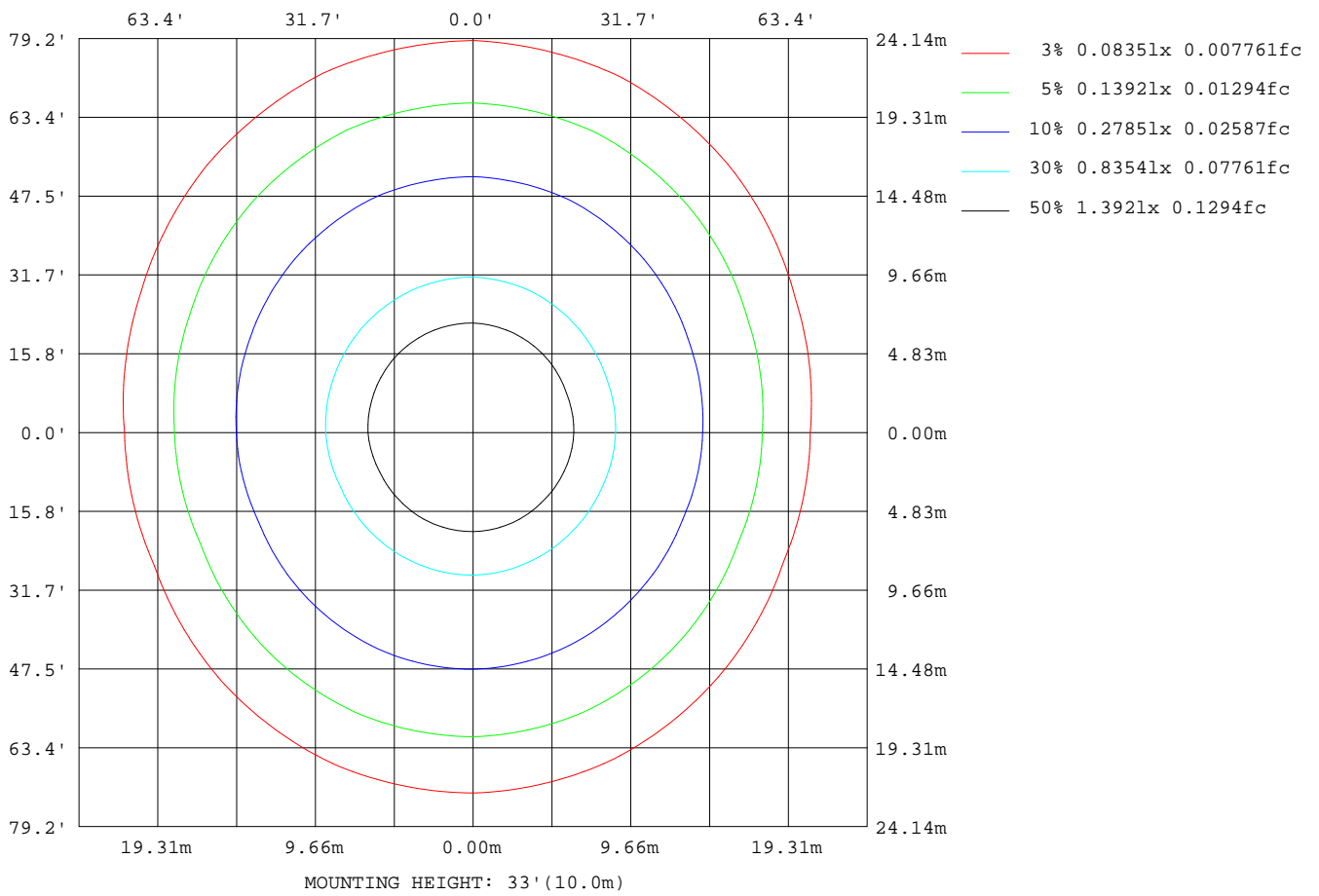
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 60.5%
 Test Distance: 2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452lx 1m		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 60.5%
 Test Distance: 2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LED Avg.L Report

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	4987
L_0~180 (75) av	4466
L_0~180 (85) av	4623
L_90~270 (65) av	6771
L_90~270 (75) av	8459
L_90~270 (85) av	18082
L_45 (65) av	6014
L_45 (75) av	7026
L_45 (85) av	13730

Standard: GB/T 29293-2012

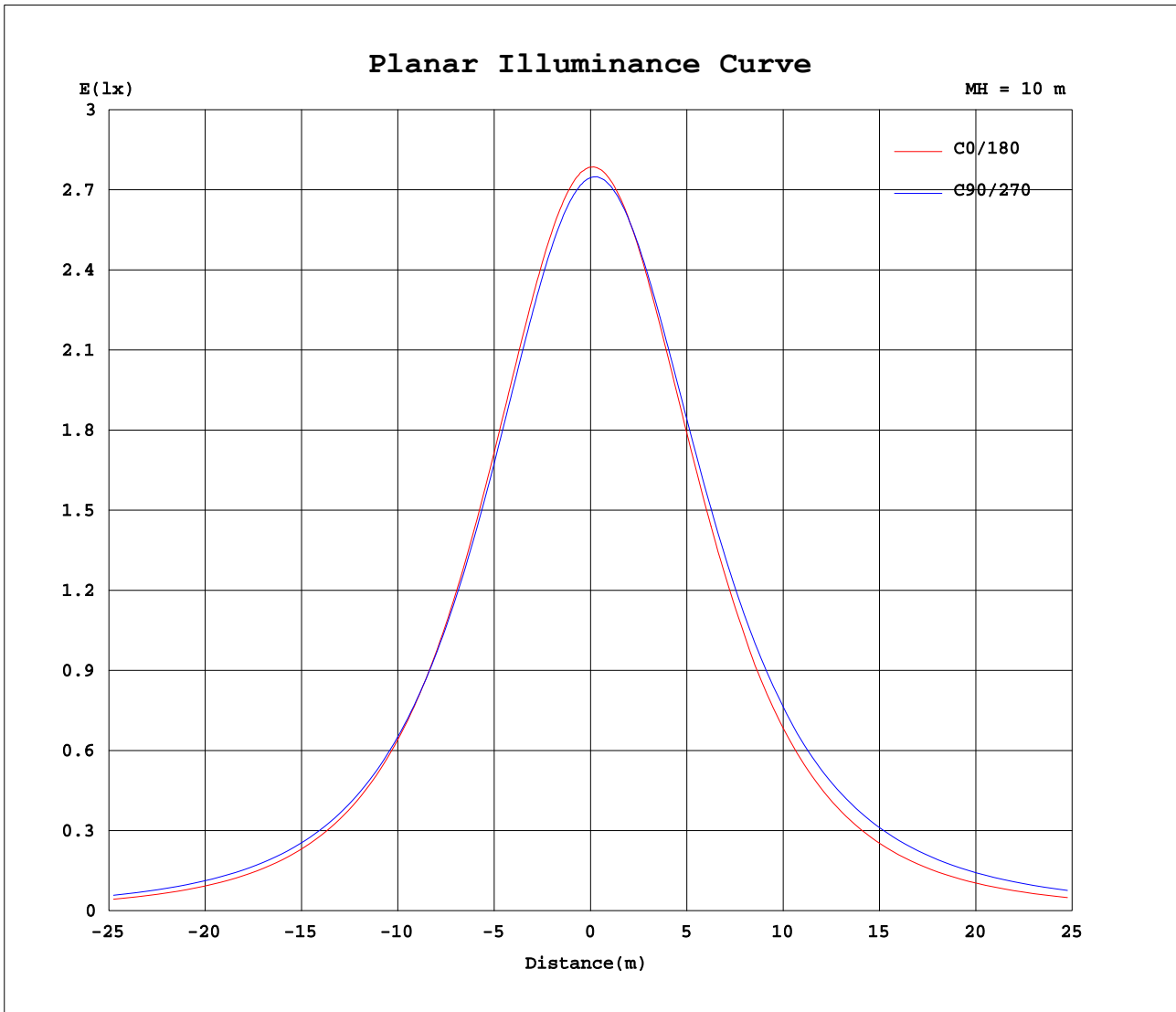
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:60.5%
 Test Distance:2.521m [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: Wilson
 Test Date: 2021-03-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 60.5%
 Test Distance: 2.521m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.0588A P:11.04W PF:0.8158 Freq:50.00Hz Lamp Flux:973.452x1 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	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275			
5	273	272	272	272	272	272	273	274	275	276	276	277	276	276	275	274			
10	268	267	266	266	266	268	269	271	272	274	275	276	276	274	273	270			
15	261	259	258	258	259	261	262	265	268	270	272	273	272	270	268	264			
20	252	250	248	249	249	252	253	257	260	263	266	268	267	265	261	256			
25	241	238	236	237	238	241	243	246	251	254	258	260	260	257	252	246			
30	228	224	223	224	226	229	230	234	239	243	249	251	252	247	241	234			
35	213	208	208	210	213	215	216	220	225	231	237	241	241	236	229	220			
40	197	192	192	195	199	200	201	203	209	216	223	228	230	224	214	205			
45	179	174	176	180	185	185	185	185	191	199	207	215	217	210	198	188			
50	160	155	159	165	170	170	168	167	173	181	191	200	202	196	182	170			
55	140	136	142	149	154	154	151	147	152	162	174	185	187	180	166	150			
60	118	116	124	133	138	137	133	127	130	142	157	169	171	164	148	131			
65	95.9	95.9	107	116	121	121	115	107	108	121	139	152	155	148	131	110			
70	72.9	76.4	89.0	100	105	105	97.3	86.5	84.1	99.5	120	135	139	132	113	90.1			
75	50.9	58.1	72.7	84.8	89.1	88.8	80.1	67.2	60.8	78.4	102	119	122	115	96.2	70.8			
80	31.1	41.8	58.0	70.3	74.3	73.8	64.5	49.6	39.0	59.3	85.3	102	106	99.2	80.0	53.4			
85	17.0	28.9	45.1	57.0	61.1	60.1	50.5	35.1	21.9	43.2	69.9	86.4	91.1	83.8	65.7	39.0			
90	11.3	20.3	35.2	46.5	50.7	49.0	39.5	24.7	12.9	31.3	56.6	73.0	78.1	71.0	53.4	28.7			
95	3.16	0.68	23.4	37.9	42.2	40.0	30.9	12.6	11.2	15.8	46.0	61.8	67.1	60.2	43.5	5.60			
100	9.11	10.9	4.04	6.16	24.4	18.3	3.02	11.7	2.41	13.3	0.44	32.8	45.8	29.2	0.33	14.8			
105	8.00	8.05	12.3	4.20	0.42	0.90	12.9	9.77	9.04	11.9	24.0	2.82	0.24	2.62	17.4	8.96			
110	7.01	6.20	8.24	12.1	14.5	13.3	8.97	7.21	7.76	8.26	15.3	22.9	25.3	22.0	13.7	6.19			
115	5.70	4.98	6.01	9.06	11.2	9.88	6.70	5.61	6.51	6.16	11.4	18.2	20.1	17.0	10.6	5.45			
120	4.33	3.95	4.14	6.41	8.07	7.04	4.72	4.38	5.32	4.64	8.39	13.9	15.4	12.8	7.50	4.15			
125	3.63	2.96	2.63	4.21	5.59	4.75	3.03	3.28	4.22	3.52	5.69	9.97	11.5	9.07	4.58	2.97			
130	2.22	0.80	1.62	2.62	3.64	3.02	1.85	2.35	0.33	1.94	3.62	6.67	8.04	6.12	2.81	2.14			
135	1.49	0.94	0.89	1.60	2.20	1.80	1.06	1.42	1.50	0.85	2.06	4.21	5.26	3.78	1.68	1.05			
140	0.85	0.97	0.49	0.93	1.32	1.09	0.55	0.55	1.08	1.11	1.03	2.52	3.15	2.22	0.83	0.60			
145	0.49	0.40	0.43	0.51	0.73	0.61	0.49	0.38	0.79	0.93	0.91	1.35	1.79	1.22	0.76	0.53			
150	0.45	0.45	0.46	0.46	0.46	0.49	0.49	0.47	0.64	0.77	0.92	1.06	1.04	0.97	0.78	0.67			
155	0.45	0.48	0.48	0.52	0.48	0.51	0.50	0.51	0.78	0.86	0.83	1.09	1.08	1.01	0.82	0.76			
160	0.46	0.50	0.50	0.47	0.47	0.51	0.52	0.53	0.89	0.95	0.98	0.98	1.06	0.97	0.86	0.83			
165	0.49	0.52	0.51	0.47	0.47	0.47	0.51	0.54	0.91	0.96	0.99	0.99	0.90	0.94	0.89	0.84			
170	0.53	0.54	0.51	0.48	0.47	0.46	0.51	0.54	0.90	0.90	0.91	0.87	0.88	0.86	0.83	0.82			
175	0.53	0.55	0.55	0.51	0.49	0.48	0.51	0.54	0.78	0.80	0.80	0.78	0.75	0.76	0.74	0.72			
180	0.66	0.67	0.67	0.63	0.60	0.60	0.60	0.64	0.66	0.67	0.67	0.63	0.60	0.60	0.61	0.64			

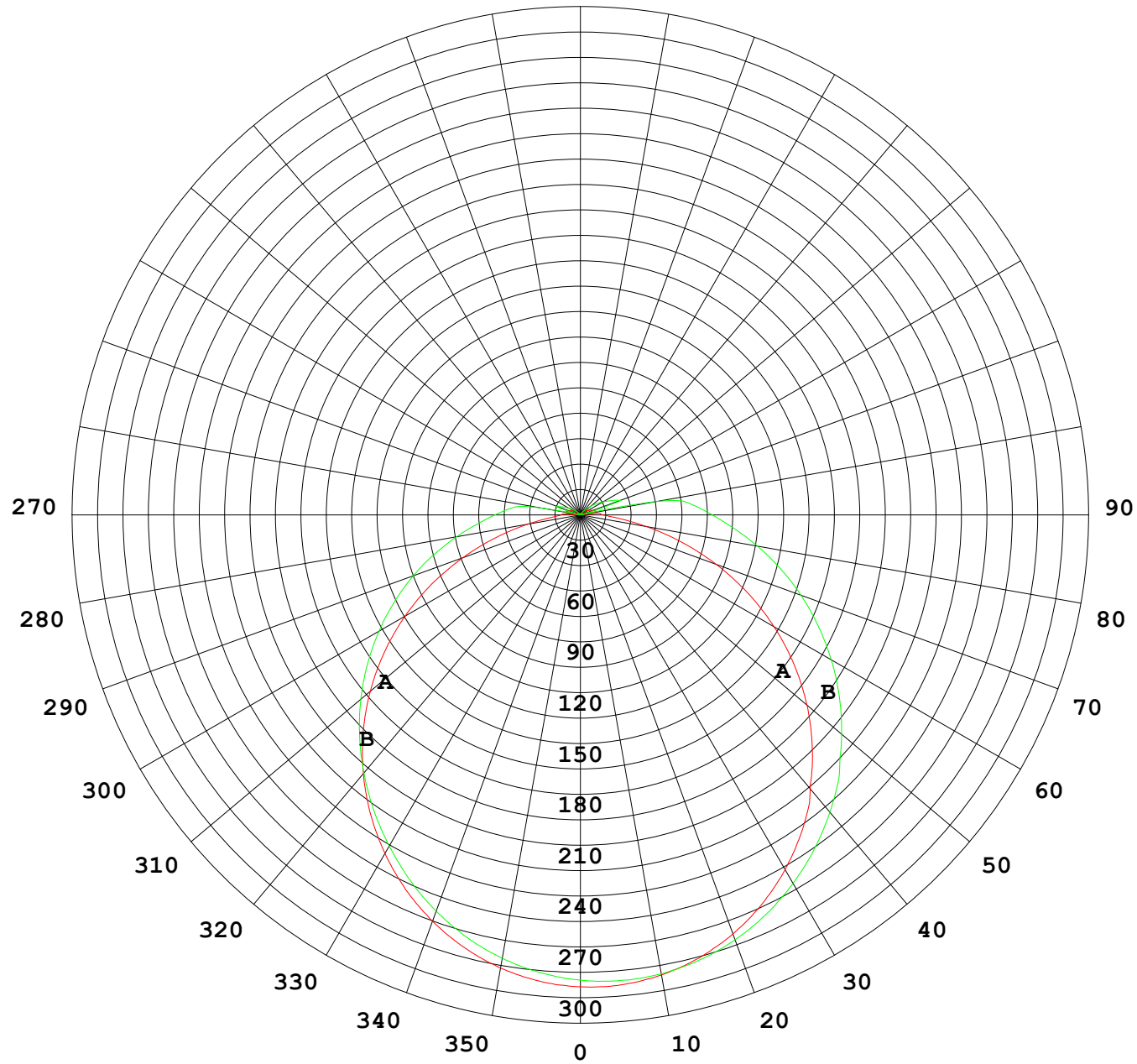
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
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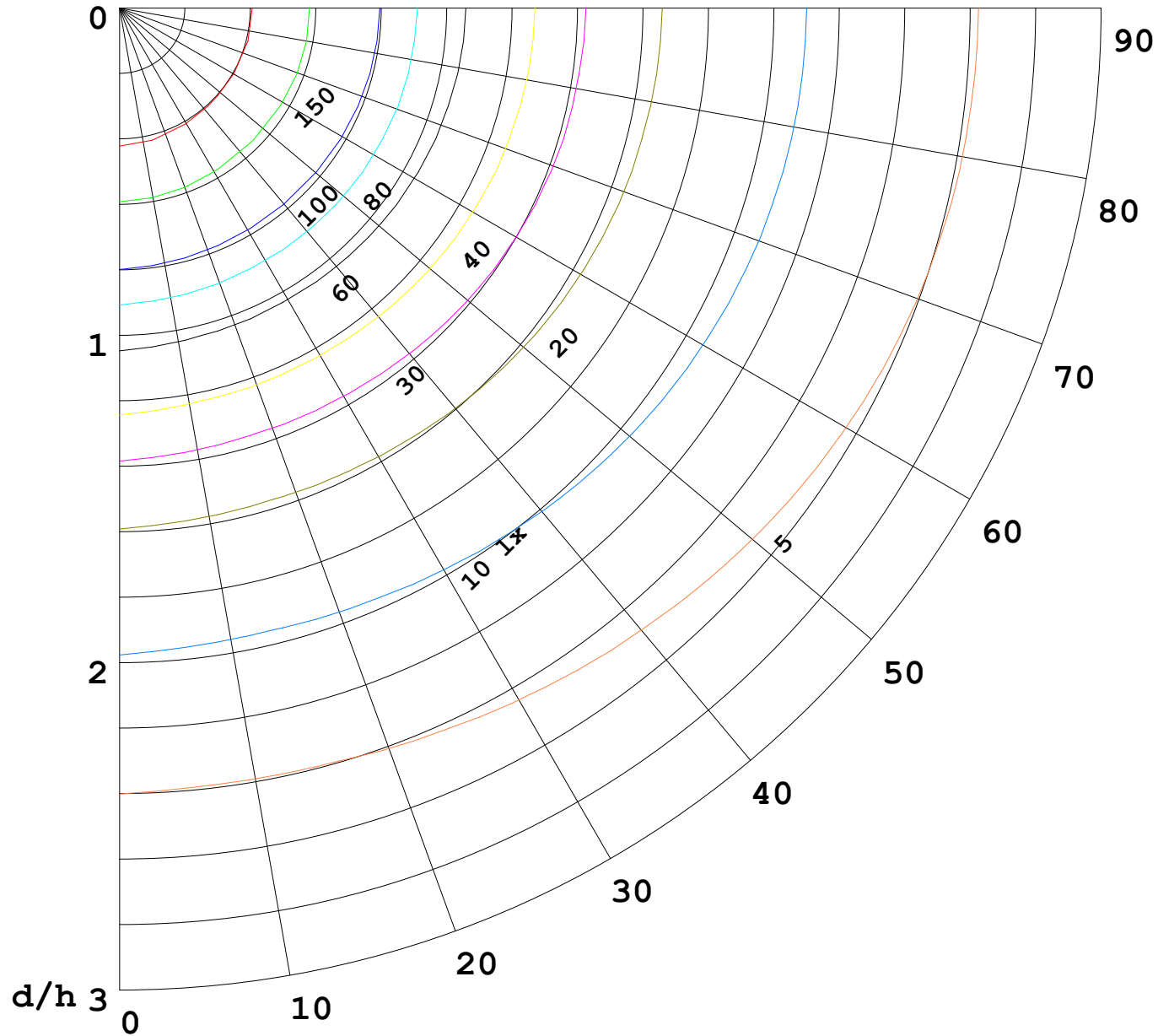
Assessor: Akin Xu

I (cd)



1000 lm

$\kappa = 1$



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

