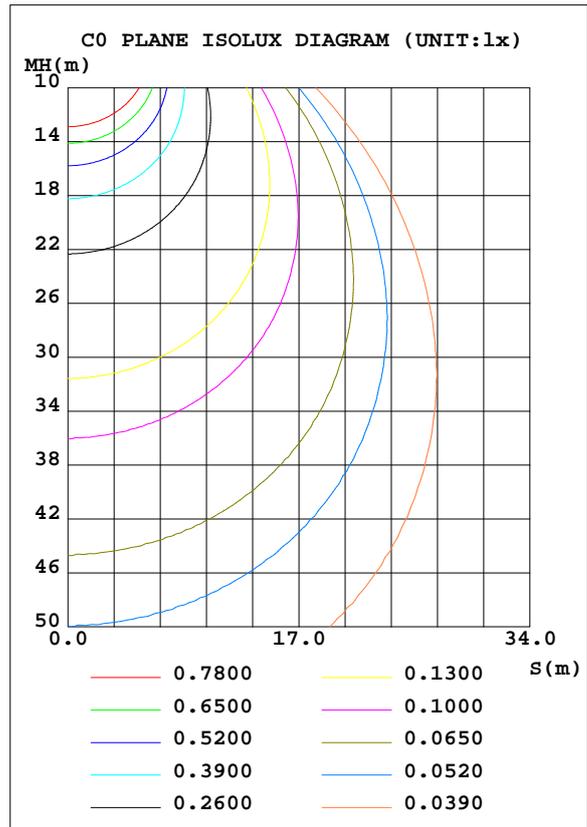
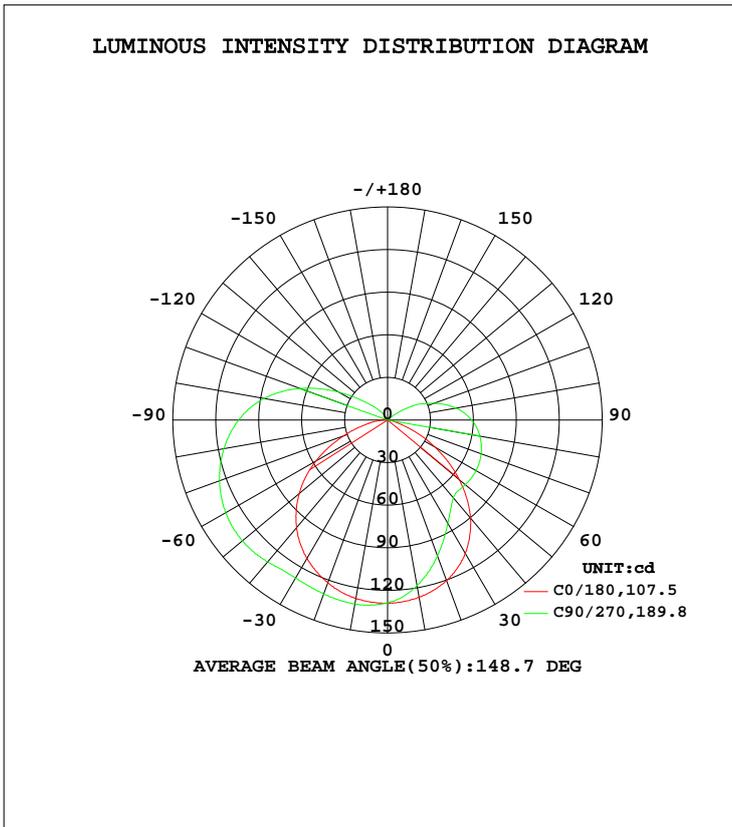


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.22V I:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz Lamp Flux:626.204x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 56.98 lm/W			
MODEL	A22-T-2125002	I _{max} (cd)	132.5	S/MH(C0/180)	1.30
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	1.55
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	626.20	η UP, DN(C0-180)	6.4, 31.6
NOMINAL FLUX(lm)	626.204	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	11.3, 50.7
LAMPS INSIDE	1	η up(%)	17.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	82.2	CIBSE SHR MAX	1.50



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

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	128.3	126.7	124.9	126.1	128.8	130.7	130.7	130.3	0- 5	3.073	3.073	0.49,0.49
10	126.9	122.7	118.5	120.7	127.4	131.2	131.4	129.9	5- 10	9.096	12.17	1.94,1.94
15	124.1	117.2	110.7	113.7	125.3	131.2	131.3	128.3	10- 15	14.75	26.92	4.3,4.3
20	120.3	110.7	102.0	105.3	122.1	130.0	130.5	126.0	15- 20	19.86	46.79	7.47,7.47
25	115.3	103.4	92.83	96.17	117.8	128.1	129.1	123.5	20- 25	24.28	71.07	11.3,11.3
30	108.4	94.77	84.33	86.64	112.4	125.2	128.7	120.9	25- 30	27.94	99.01	15.8,15.8
35	100.0	85.41	76.77	77.43	106.3	122.0	128.6	119.1	30- 35	30.84	129.8	20.7,20.7
40	90.25	75.69	71.80	69.91	98.83	118.3	130.4	119.2	35- 40	33.12	163.0	26,26
45	78.43	66.29	70.16	66.30	90.27	114.5	131.6	119.4	40- 45	34.92	197.9	31.6,31.6
50	65.51	58.37	70.98	65.32	80.47	111.5	132.4	119.2	45- 50	36.33	234.2	37.4,37.4
55	52.20	54.67	71.41	65.06	69.80	109.6	131.9	118.2	50- 55	37.29	271.5	43.4,43.4
60	38.42	51.97	71.52	64.83	57.83	107.3	130.6	115.7	55- 60	37.73	309.2	49.4,49.4
65	25.40	50.26	70.65	64.30	45.14	104.2	128.1	112.3	60- 65	37.66	346.9	55.4,55.4
70	13.26	48.09	69.70	63.10	32.74	99.97	124.9	107.7	65- 70	37.02	383.9	61.3,61.3
75	6.115	45.53	67.90	61.33	21.57	94.66	120.8	102.3	70- 75	35.83	419.7	67,67
80	1.553	42.55	65.56	58.94	13.17	88.68	116.2	95.45	75- 80	34.12	453.9	72.5,72.5
85	0.1858	39.20	62.56	55.77	6.670	82.00	110.3	87.64	80- 85	31.91	485.8	77.6,77.6
90	0.0886	35.03	58.89	52.23	1.481	74.36	104.0	77.56	85- 90	29.22	515.0	82.2,82.2
95	0.1046	30.53	54.20	48.30	0.1595	66.06	96.59	65.43	90- 95	26.05	541.0	86.4,86.4
100	0.0883	25.76	48.69	43.23	0.0504	56.79	87.50	51.80	95-100	22.50	563.5	90,90
105	0.1394	21.05	41.92	36.81	0.0380	47.12	76.76	37.58	100-105	18.61	582.2	93,93
110	0.1085	15.93	34.48	28.87	0.0472	37.64	65.07	24.28	105-110	14.69	596.8	95.3,95.3
115	0.0851	11.85	27.02	20.07	0.0586	28.50	52.16	15.63	110-115	10.93	607.8	97.1,97.1
120	0.0843	7.145	19.65	11.28	0.0682	19.95	39.40	10.81	115-120	7.669	615.4	98.3,98.3
125	0.0945	2.638	10.52	3.913	0.0796	12.70	27.73	7.656	120-125	4.870	620.3	99.1,99.1
130	0.1064	0.2798	3.805	0.7712	0.0931	7.527	18.61	5.040	125-130	2.739	623.1	99.5,99.5
135	0.1152	0.2398	1.682	0.1817	0.1137	4.646	13.05	2.711	130-135	1.498	624.6	99.7,99.7
140	0.1230	0.2179	0.8530	0.1685	0.1259	2.367	8.499	0.8664	135-140	0.8429	625.4	99.9,99.9
145	0.1322	0.2000	0.4484	0.1649	0.1395	0.7986	5.033	0.1996	140-145	0.4402	625.8	99.9,99.9
150	0.1362	0.1801	0.2486	0.1589	0.1493	0.1316	2.300	0.1335	145-150	0.2015	626.0	100,100
155	0.1441	0.1749	0.1783	0.1573	0.1537	0.1328	0.5371	0.1441	150-155	0.0768	626.1	100,100
160	0.1461	0.1685	0.1600	0.1521	0.1643	0.1463	0.1325	0.1485	155-160	0.0329	626.1	100,100
165	0.1500	0.1645	0.1544	0.1493	0.1667	0.1526	0.1400	0.1497	160-165	0.0250	626.2	100,100
170	0.1592	0.1653	0.1536	0.1517	0.1643	0.1502	0.1448	0.1505	165-170	0.0183	626.2	100,100
175	0.1745	0.1772	0.1611	0.1636	0.1536	0.1462	0.1357	0.1533	170-175	0.0109	626.2	100,100
180	0.1421	0.1602	0.1436	0.1401	0.1437	0.1590	0.1436	0.1417	175-180	0.0037	626.2	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

Conical surface Flux(90deg): 197.88 lm

%lum = 31.6%

%lamp = 31.6%

Conical surface Flux(120deg): 309.23 lm

%lum = 49.4%

%lamp = 49.4%

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

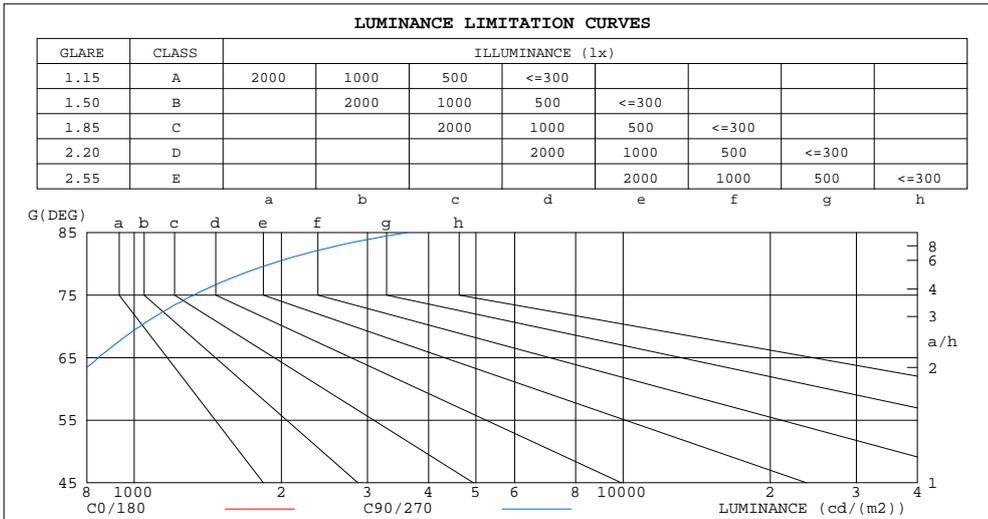
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.786m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:230.22V I:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz Lamp Flux:626.204x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11	3624
80	45	1906
75	120	1325
70	197	1029
65	305	844
60	390	722
55	462	629
50	517	558
45	563	501

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

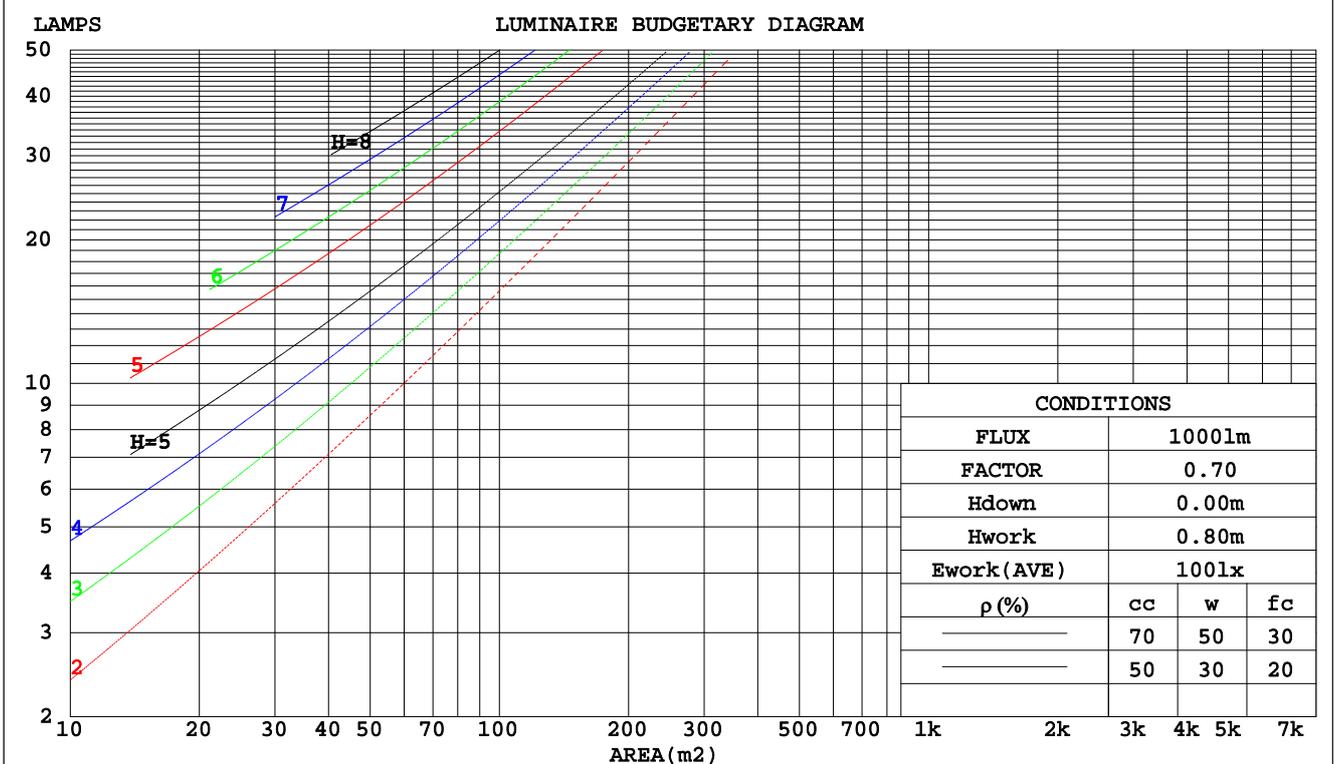
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.22V I:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz		
Lamp Flux:626.204x1 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	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.86	.86	.86	.82
1.0	.94	.88	.83	.90	.85	.80	.82	.78	.74	.75	.72	.69	.69	.66	.63	.60
2.0	.80	.71	.64	.76	.69	.62	.70	.63	.58	.64	.58	.54	.58	.54	.50	.47
3.0	.69	.59	.52	.66	.57	.50	.60	.53	.47	.55	.49	.44	.50	.45	.41	.38
4.0	.60	.50	.43	.58	.49	.42	.53	.45	.39	.48	.42	.37	.44	.39	.34	.31
5.0	.53	.44	.36	.51	.42	.35	.47	.39	.33	.43	.36	.31	.39	.34	.29	.27
6.0	.48	.38	.31	.46	.37	.30	.42	.34	.29	.39	.32	.27	.36	.30	.25	.23
7.0	.43	.34	.27	.41	.33	.27	.38	.31	.25	.35	.29	.24	.32	.27	.22	.20
8.0	.39	.30	.24	.38	.29	.24	.35	.28	.22	.32	.26	.21	.30	.24	.20	.18
9.0	.36	.27	.22	.34	.26	.21	.32	.25	.20	.30	.23	.19	.27	.22	.18	.16
10.0	.33	.25	.19	.32	.24	.19	.30	.23	.18	.27	.21	.17	.25	.20	.16	.14



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:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz		
Lamp Flux:626.204x1 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	.418	.238	.075	.406	.231	.074	.382	.219	.070	.360	.208	.067	.340	.197	.063	
2.0	.354	.194	.059	.342	.188	.058	.320	.178	.055	.301	.169	.053	.282	.160	.050	
3.0	.310	.165	.049	.299	.160	.048	.280	.152	.046	.262	.143	.044	.245	.136	.042	
4.0	.276	.144	.042	.267	.140	.041	.249	.132	.039	.233	.125	.038	.218	.118	.036	
5.0	.250	.127	.037	.241	.124	.036	.225	.117	.034	.210	.111	.033	.196	.105	.031	
6.0	.228	.114	.033	.220	.111	.032	.205	.105	.031	.192	.100	.029	.179	.094	.028	
7.0	.209	.103	.029	.202	.101	.029	.189	.095	.027	.176	.090	.026	.164	.085	.025	
8.0	.193	.094	.027	.187	.092	.026	.175	.087	.025	.163	.083	.024	.152	.078	.023	
9.0	.180	.087	.024	.174	.085	.024	.163	.080	.023	.152	.076	.022	.142	.072	.021	
10.0	.168	.081	.022	.162	.078	.022	.152	.074	.021	.142	.071	.020	.133	.067	.019	

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	.326	.326	.326	.278	.278	.278	.190	.190	.190	.109	.109	.109	.035	.035	.035	
1.0	.324	.292	.262	.277	.250	.226	.190	.172	.156	.109	.100	.091	.035	.032	.029	
2.0	.318	.269	.228	.272	.232	.197	.187	.160	.137	.108	.093	.081	.035	.030	.026	
3.0	.310	.253	.207	.266	.218	.179	.183	.151	.126	.105	.088	.074	.034	.029	.024	
4.0	.302	.240	.193	.259	.208	.168	.178	.145	.118	.103	.085	.070	.033	.028	.023	
5.0	.294	.231	.183	.253	.199	.160	.174	.139	.113	.101	.082	.067	.032	.027	.022	
6.0	.287	.223	.177	.246	.193	.154	.170	.135	.109	.099	.079	.065	.032	.026	.021	
7.0	.279	.216	.172	.240	.187	.150	.166	.131	.106	.096	.077	.063	.031	.025	.021	
8.0	.272	.210	.168	.234	.183	.146	.162	.128	.104	.094	.076	.062	.031	.025	.020	
9.0	.266	.206	.165	.229	.178	.144	.159	.125	.102	.092	.074	.061	.030	.024	.020	
10.0	.260	.201	.163	.224	.175	.142	.155	.123	.101	.091	.073	.060	.029	.024	.020	

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:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz										
Lamp Flux:626.204x1 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	6.3	7.7	6.8	8.2	8.8	9.2	10.6	9.7	11.1	11.7
3H	6.9	8.2	7.4	8.8	9.4	12.4	13.7	13.0	14.3	14.9
4H	7.0	8.3	7.6	8.9	9.5	14.2	15.5	14.8	16.1	16.7
6H	7.0	8.2	7.6	8.8	9.5	16.2	17.4	16.8	18.0	18.6
8H	7.0	8.2	7.6	8.7	9.4	17.3	18.4	17.9	19.0	19.7
12H	6.9	8.1	7.5	8.7	9.3	18.5	19.6	19.1	20.2	20.9
4H 2H	7.6	8.8	8.1	9.4	10.0	9.7	11.0	10.3	11.5	12.2
3H	8.6	9.7	9.2	10.3	11.0	13.2	14.3	13.8	14.9	15.6
4H	8.9	9.9	9.5	10.5	11.3	15.2	16.3	15.9	16.9	17.6
6H	9.0	10.0	9.7	10.6	11.3	17.4	18.4	18.1	19.0	19.7
8H	9.1	9.9	9.7	10.6	11.3	18.7	19.5	19.3	20.2	20.9
12H	9.0	9.8	9.7	10.5	11.3	20.0	20.8	20.7	21.5	22.3
8H 4H	11.0	11.8	11.6	12.5	13.2	15.5	16.4	16.2	17.1	17.8
6H	11.6	12.4	12.3	13.0	13.8	18.1	18.8	18.8	19.5	20.3
8H	11.8	12.5	12.5	13.2	14.0	19.5	20.2	20.2	20.9	21.7
12H	11.9	12.5	12.6	13.2	14.0	21.2	21.8	21.9	22.5	23.3
12H 4H	11.7	12.5	12.3	13.1	13.9	15.5	16.3	16.2	17.0	17.8
6H	12.8	13.5	13.5	14.2	15.0	18.2	18.8	18.9	19.5	20.4
8H	13.3	13.9	14.0	14.6	15.4	19.7	20.3	20.5	21.1	21.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.1					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.4				

CIE Pub.117, 626.2 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.6)
 Area: 0.198 m2

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

UTILIZATION FACTORS TABLE

Test:U:230.22V I:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz Lamp Flux:626.204x1 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	46	34	26	45	33	26	43	32	26	19
0.80	55	42	33	54	41	33	51	40	32	24
1.00	63	49	40	61	48	40	57	49	39	30
1.25	69	56	47	67	55	46	63	52	45	35
1.50	74	61	52	72	60	51	67	57	50	39
2.00	82	70	61	79	68	60	73	64	57	45
2.50	86	75	67	83	73	65	77	69	62	49
3.00	90	80	72	87	78	70	80	73	66	53
4.00	95	87	79	91	84	77	84	78	72	58
5.00	98	91	84	94	88	82	87	81	77	62
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

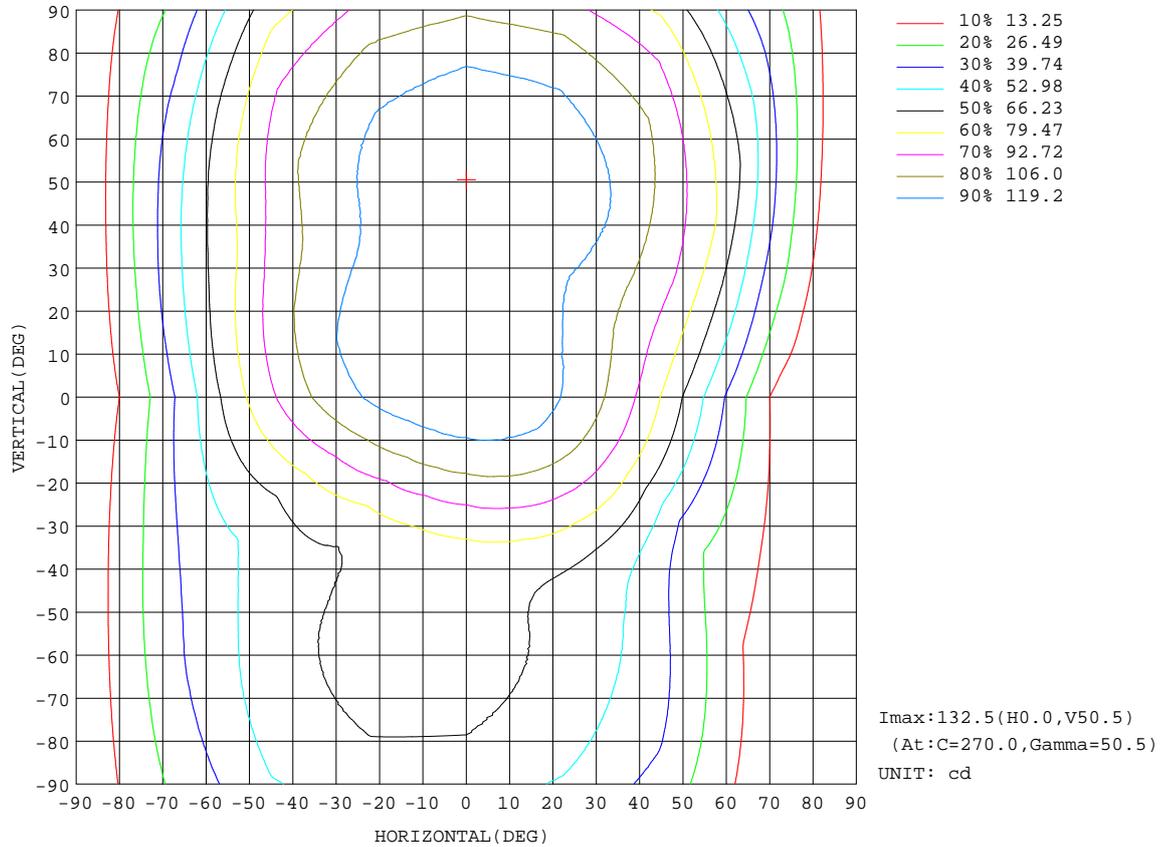
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.786m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:230.22V I:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz Lamp Flux:626.204x1 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

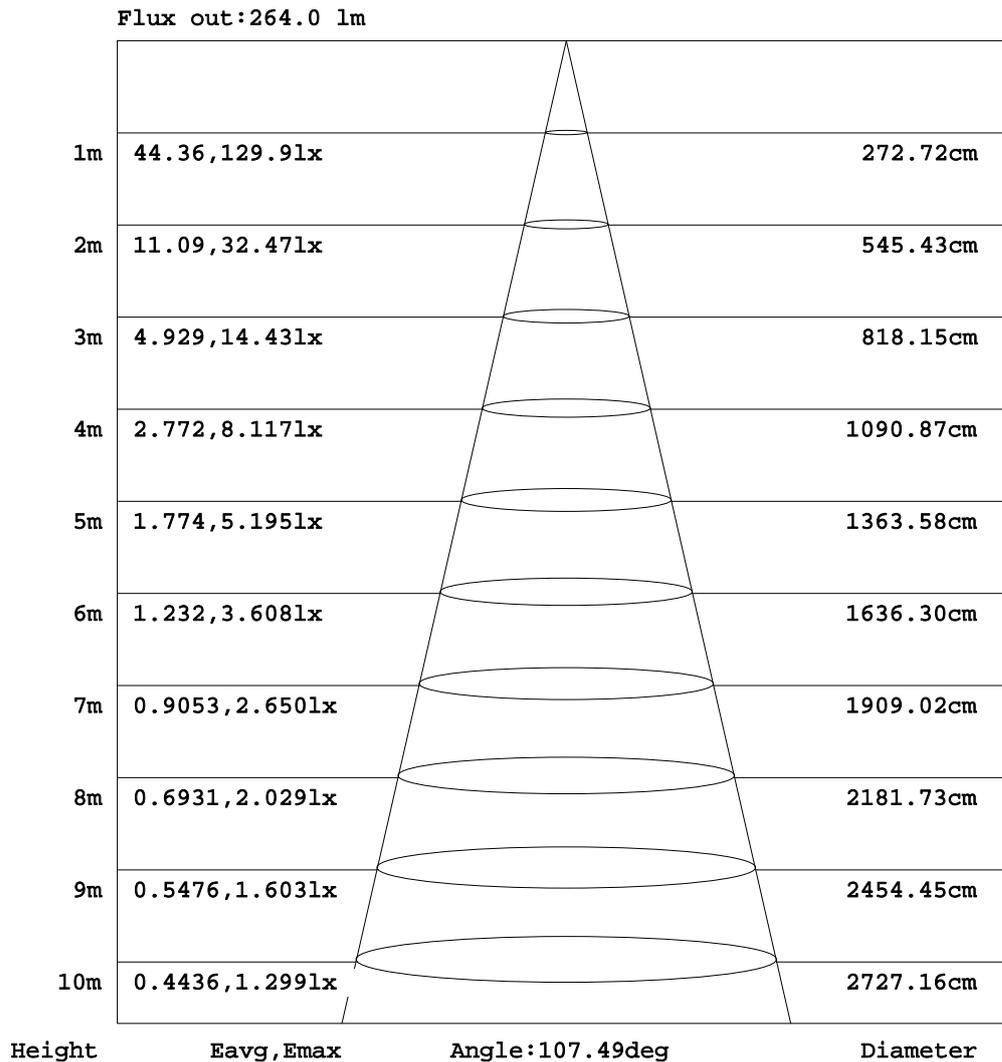
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.786m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:230.22V I:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz Lamp Flux:626.204x1 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

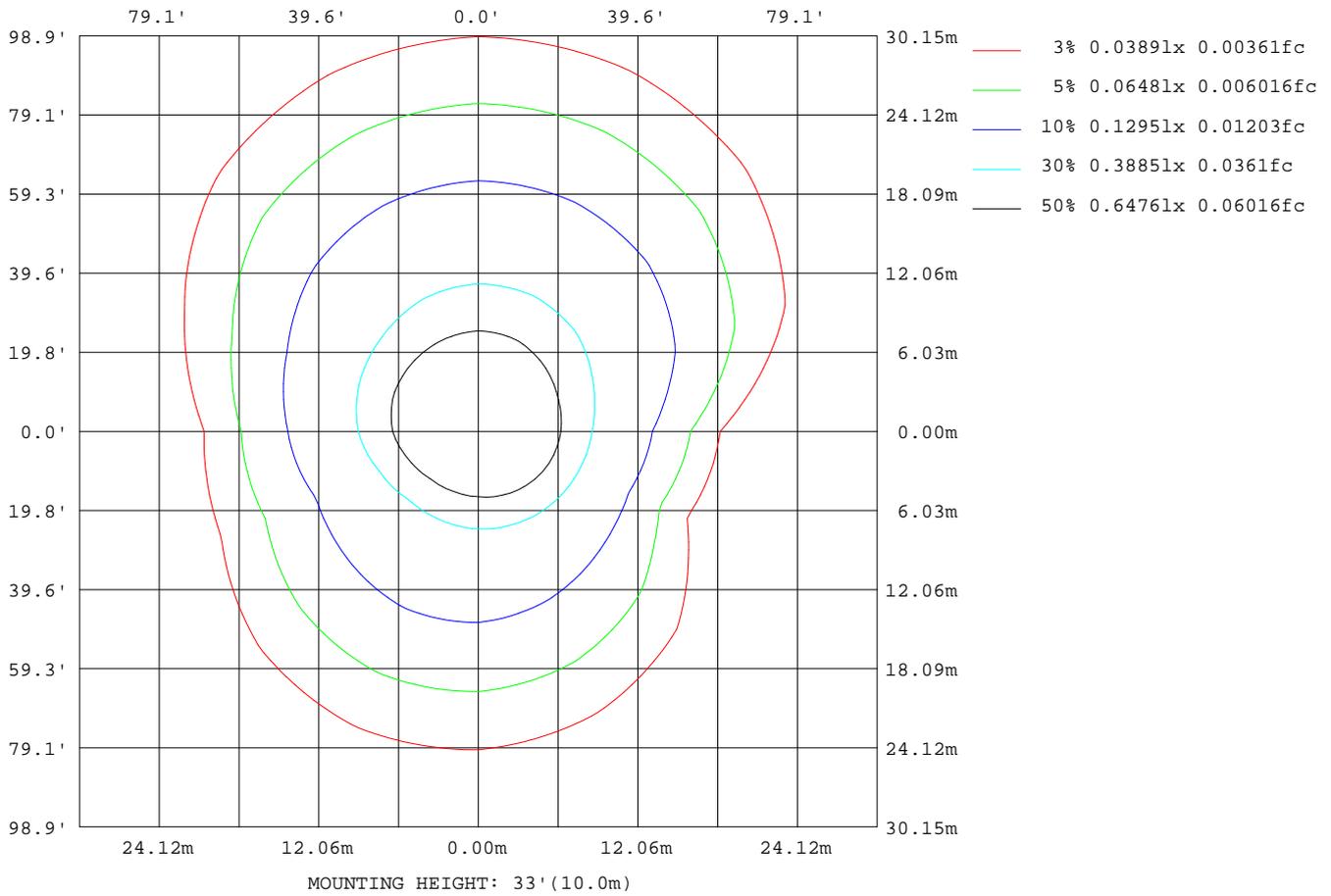
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.786m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:230.22V I:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz Lamp Flux:626.204x1 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:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz Lamp Flux:626.204x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	421
L_0~180(75)av	270
L_0~180(85)av	199
L_90~270(65)av	1187
L_90~270(75)av	1841
L_90~270(85)av	5007
L_45(65)av	989
L_45(75)av	1482
L_45(85)av	3833

Standard: GB/T 29293-2012

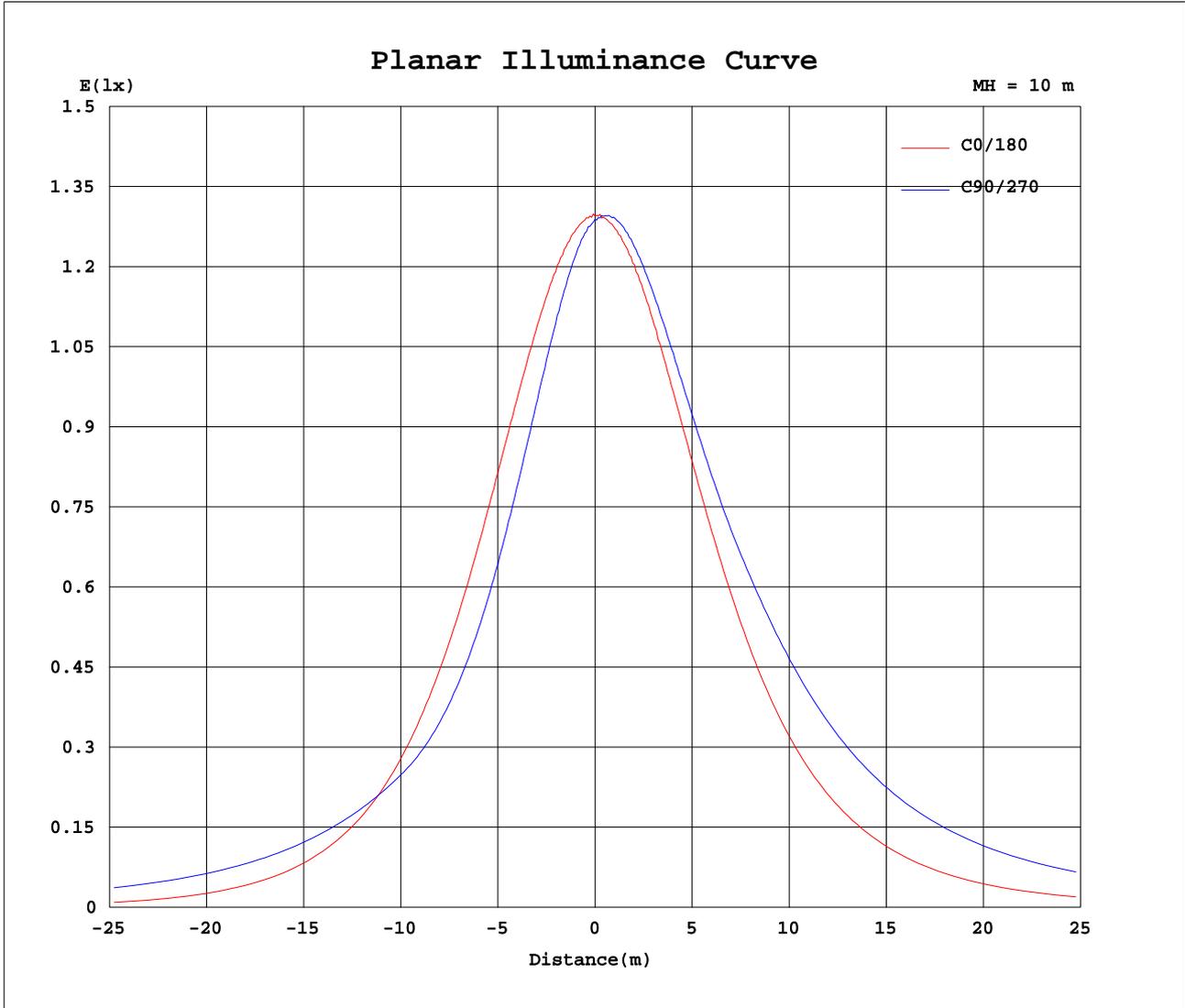
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Jiale liang
 Test Date:2024-04-03

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:0.0506A P:10.990W PF:0.9438 Freq:50.00Hz		
Lamp Flux:626.204x1 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	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129	129			
5	128	127	127	126	125	125	126	127	129	130	131	131	131	130	130	129			
10	127	125	123	120	119	119	121	124	127	130	131	132	131	131	130	128			
15	124	121	117	114	111	111	114	119	125	129	131	132	131	130	128	126			
20	120	117	111	106	102	102	105	113	122	127	130	131	130	129	126	123			
25	115	110	103	97.1	92.8	92.1	96.2	106	118	124	128	129	129	127	123	119			
30	108	102	94.8	88.6	84.3	83.2	86.6	98.1	112	121	125	128	129	127	121	114			
35	100	92.1	85.4	80.1	76.8	75.3	77.4	89.3	106	116	122	126	129	127	119	109			
40	90.2	80.9	75.7	72.6	71.8	70.9	69.9	80.6	98.8	111	118	125	130	129	119	104			
45	78.4	67.6	66.3	67.4	70.2	70.3	66.3	71.7	90.3	104	115	126	132	130	119	99.7			
50	65.5	53.5	58.4	65.5	71.0	71.0	65.3	64.0	80.5	95.8	111	126	132	131	119	96.1			
55	52.2	39.5	54.7	64.9	71.4	71.5	65.1	57.3	69.8	86.9	110	125	132	130	118	91.8			
60	38.4	29.4	52.0	64.5	71.5	71.9	64.8	52.8	57.8	78.3	107	124	131	128	116	86.9			
65	25.4	22.5	50.3	63.8	70.7	71.4	64.3	49.0	45.1	71.3	104	121	128	125	112	81.2			
70	13.3	17.7	48.1	62.3	69.7	70.3	63.1	45.6	32.7	64.7	100.0	118	125	122	108	74.6			
75	6.11	14.0	45.5	60.5	67.9	68.7	61.3	42.5	21.6	56.8	94.7	114	121	117	102	66.7			
80	1.55	10.9	42.5	58.2	65.6	66.1	58.9	38.6	13.2	47.8	88.7	109	116	112	95.4	57.1			
85	0.19	8.37	39.2	55.3	62.6	63.1	55.8	33.9	6.67	38.0	82.0	103	110	106	87.6	46.4			
90	0.09	6.15	35.0	51.8	58.9	59.5	52.2	28.9	1.48	28.6	74.4	97.3	104	98.0	77.6	35.3			
95	0.10	4.13	30.5	47.5	54.2	55.1	48.3	23.4	0.16	19.7	66.1	90.4	96.6	88.2	65.4	23.7			
100	0.09	2.56	25.8	42.1	48.7	50.2	43.2	17.7	0.05	12.5	56.8	82.3	87.5	76.3	51.8	13.1			
105	0.14	1.34	21.0	36.3	41.9	43.5	36.8	11.9	0.04	7.15	47.1	72.9	76.8	62.7	37.6	5.47			
110	0.11	0.53	15.9	29.9	34.5	35.4	28.9	6.52	0.05	3.77	37.6	62.8	65.1	48.5	24.3	2.76			
115	0.09	0.16	11.9	23.3	27.0	26.6	20.1	2.27	0.06	1.71	28.5	51.2	52.2	34.9	15.6	1.42			
120	0.08	0.11	7.15	17.2	19.7	16.9	11.3	0.50	0.07	0.64	19.9	39.5	39.4	24.6	10.8	0.56			
125	0.09	0.12	2.64	9.59	10.5	8.55	3.91	0.10	0.08	0.30	12.7	28.2	27.7	18.4	7.66	0.11			
130	0.11	0.14	0.28	3.41	3.81	3.09	0.77	0.11	0.09	0.14	7.53	18.2	18.6	13.5	5.04	0.10			
135	0.12	0.15	0.24	1.14	1.68	1.07	0.18	0.11	0.11	0.11	4.65	11.3	13.1	9.30	2.71	0.12			
140	0.12	0.15	0.22	0.55	0.85	0.46	0.17	0.12	0.13	0.12	2.37	7.11	8.50	5.78	0.87	0.13			
145	0.13	0.16	0.20	0.28	0.45	0.29	0.16	0.12	0.14	0.13	0.80	3.90	5.03	3.06	0.20	0.14			
150	0.14	0.16	0.18	0.19	0.25	0.22	0.16	0.13	0.15	0.14	0.13	1.62	2.30	1.16	0.13	0.15			
155	0.14	0.16	0.17	0.17	0.18	0.18	0.16	0.14	0.15	0.14	0.13	0.23	0.54	0.14	0.14	0.15			
160	0.15	0.16	0.17	0.16	0.16	0.15	0.15	0.14	0.16	0.15	0.15	0.13	0.13	0.14	0.15	0.15			
165	0.15	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.17	0.16	0.15	0.15	0.14	0.14	0.15	0.16			
170	0.16	0.16	0.17	0.16	0.15	0.15	0.15	0.15	0.16	0.16	0.15	0.15	0.14	0.15	0.15	0.16			
175	0.17	0.18	0.18	0.17	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.15	0.16			
180	0.14	0.15	0.16	0.16	0.14	0.14	0.14	0.14	0.14	0.15	0.16	0.16	0.14	0.14	0.14	0.14			

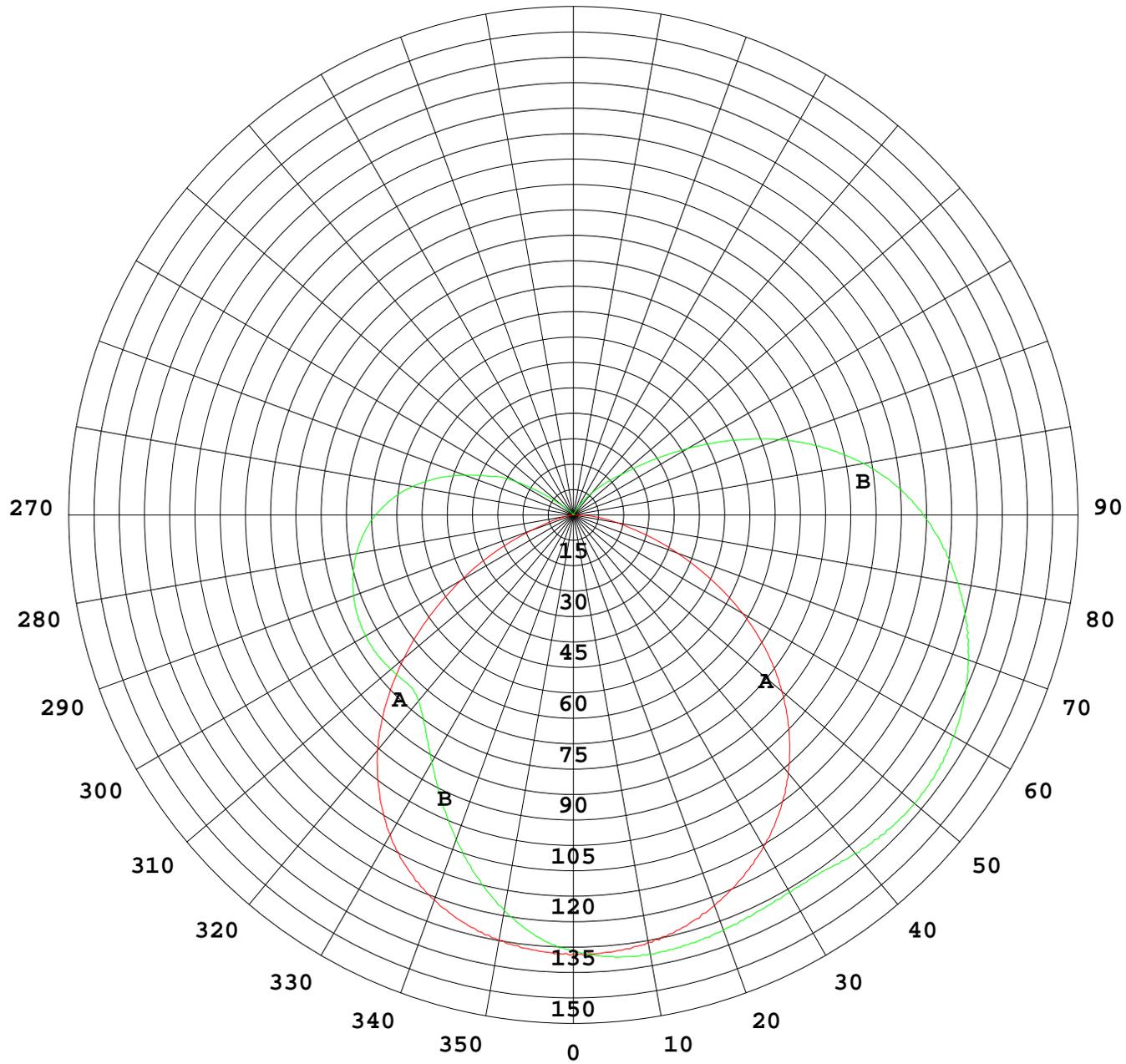
C Range: 0 - 360DEG
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Checker: Near Gao

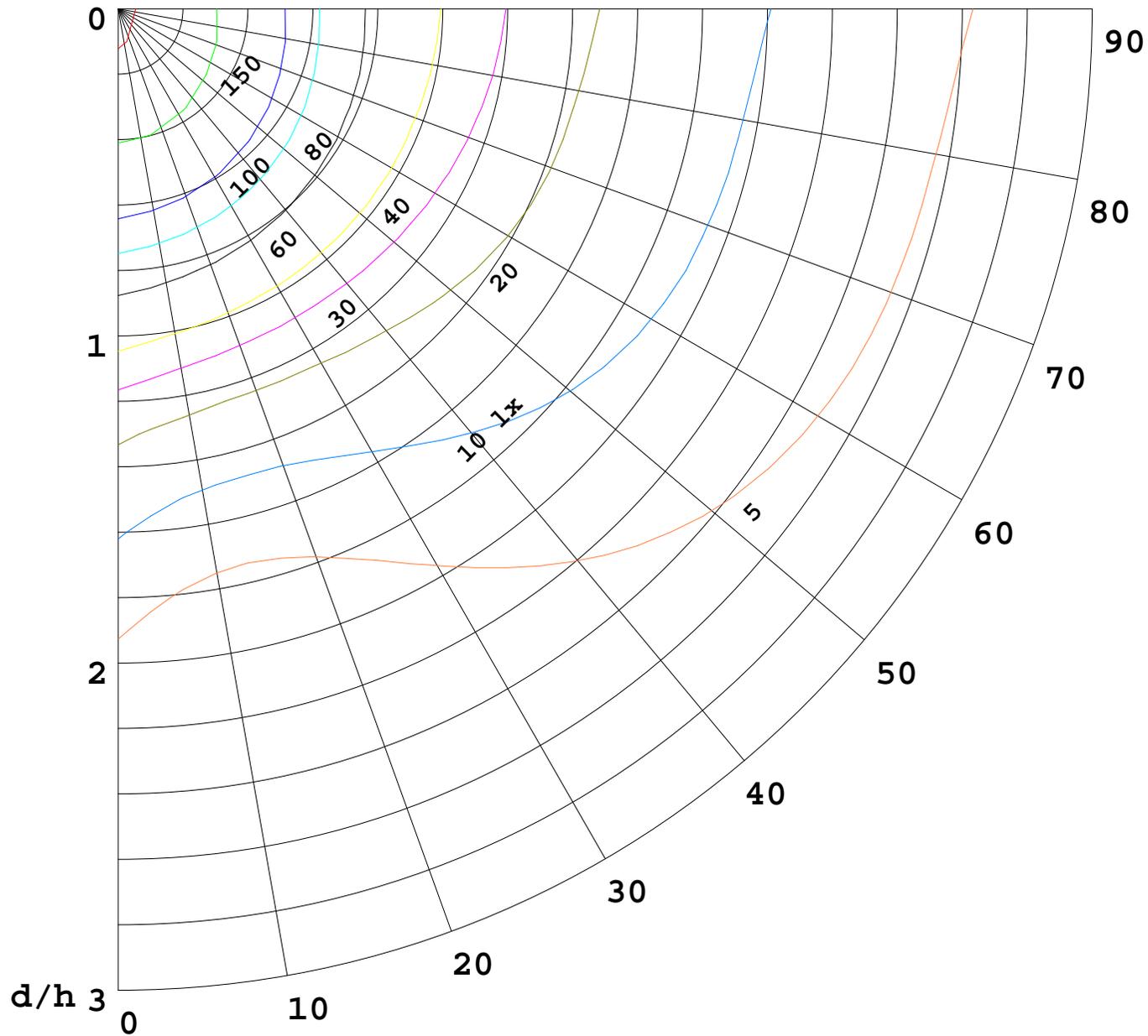
Assessor: Akin Xu

I(cd)



1000 lm

$K = 1$



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

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

