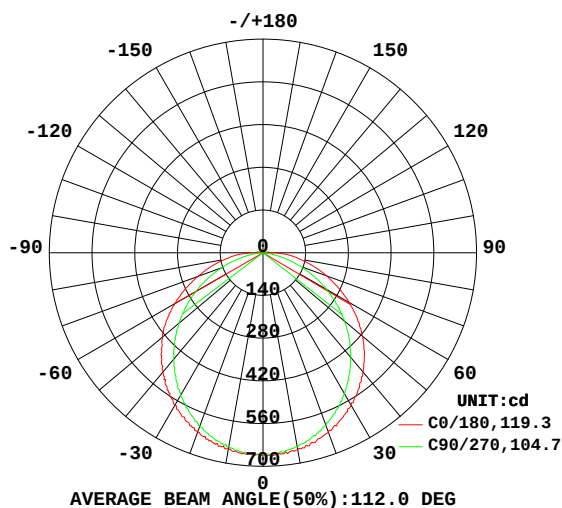


LUMINAIRE PHOTOMETRIC TEST REPORT

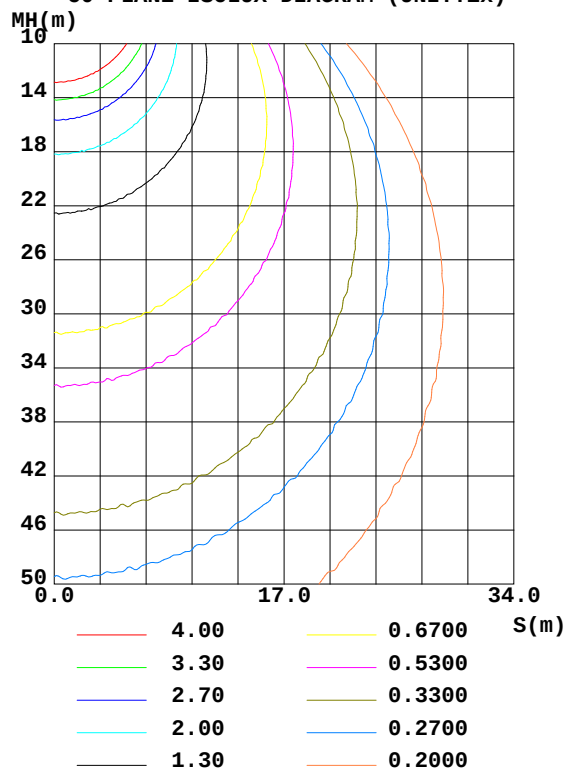
Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.99 lm/W			
VN0016-30S-952C5-MVTD-SB002		I _{max} (cd)	667.4	S/MH(C0/180)	1.30
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1902.8	η UP, DN(C0-180)	0.4, 49.1
NOMINAL FLUX(lm)	1902.76	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.4, 50.1
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-15

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.635m [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
10	655.1	650.2	647.3	645.4	653.9	649.1	645.5	647.7	0- 10	62.61	62.61	3.29, 3.29
20	627.0	611.5	603.8	609.2	625.7	614.3	604.5	612.4	10- 20	179.0	241.6	12.7, 12.7
30	577.4	554.6	533.7	550.0	576.7	557.6	540.5	555.6	20- 30	270.4	512.1	26.9, 26.9
40	509.1	476.4	451.0	474.9	509.4	480.0	455.5	480.0	30- 40	324.9	837.0	44, 44
50	425.2	382.5	349.8	381.3	430.5	390.9	358.6	390.0	40- 50	335.7	1173	61.6, 61.6
60	326.9	278.1	242.6	276.9	333.4	286.8	254.2	287.7	50- 60	302.6	1475	77.5, 77.5
70	222.9	168.4	131.1	170.0	227.1	178.7	145.0	179.2	60- 70	229.4	1705	89.6, 89.6
80	123.4	72.08	34.10	73.25	127.5	82.52	46.78	82.34	70- 80	134.2	1839	96.6, 96.6
90	31.62	9.183	0.0966	9.342	34.98	14.86	0.0841	15.85	80- 90	49.30	1888	99.2, 99.2
100	10.88	1.827	0.1842	2.242	11.55	1.999	0.1085	2.007	90-100	5.698	1894	99.5, 99.5
110	6.771	1.931	0.2548	2.035	5.979	1.905	0.1594	1.726	100-110	2.162	1896	99.6, 99.6
120	5.476	2.053	0.3570	2.109	5.718	2.069	0.2993	1.761	110-120	2.070	1898	99.8, 99.8
130	4.109	1.909	0.4918	1.989	4.435	2.046	0.5117	1.719	120-130	1.723	1900	99.8, 99.8
140	0.5404	1.307	0.6056	1.702	0.6131	1.346	0.6712	1.548	130-140	1.162	1901	99.9, 99.9
150	2.020	1.395	0.6934	0.9919	2.423	1.563	0.6708	0.6361	140-150	0.9303	1902	100, 100
160	1.389	1.045	0.7402	1.368	1.535	1.401	0.6712	1.003	150-160	0.5712	1902	100, 100
170	0.6959	0.8931	0.8951	0.7765	0.6449	0.8310	0.7411	0.7934	160-170	0.2699	1903	100, 100
180	0.8609	0.8934	0.8718	0.8634	0.8594	0.8945	0.8711	0.8656	170-180	0.0772	1903	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1006.3 lm

%lum = 52.9%

%lamp = 52.9%

Conical surface Flux(120deg): 1475.2 lm

%lum = 77.5%

%lamp = 77.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-12-15

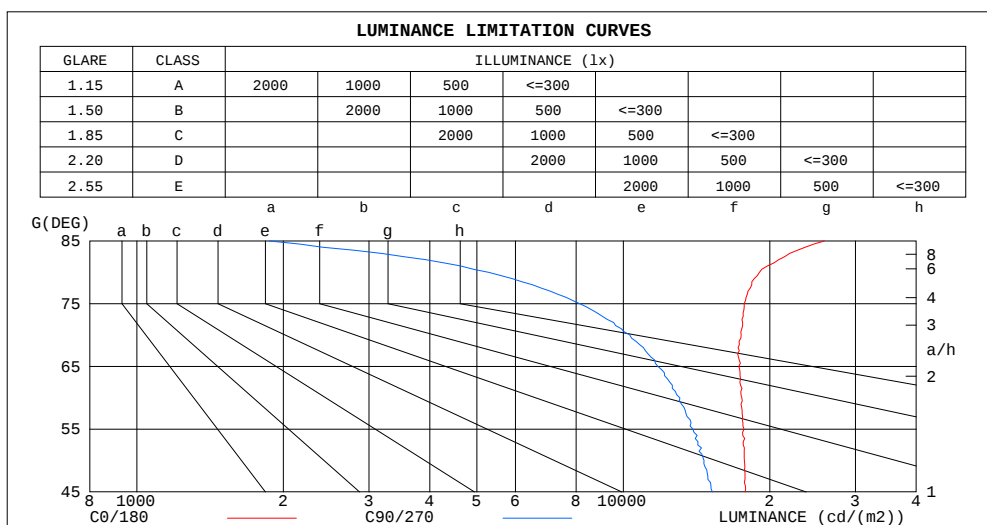
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	25880	1872
80	19043	5286
75	17724	8138
70	17468	10317
65	17275	11783
60	17523	13064
55	17705	13905
50	17728	14653
45	17799	15238

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-12-15

Checker: Near Gao

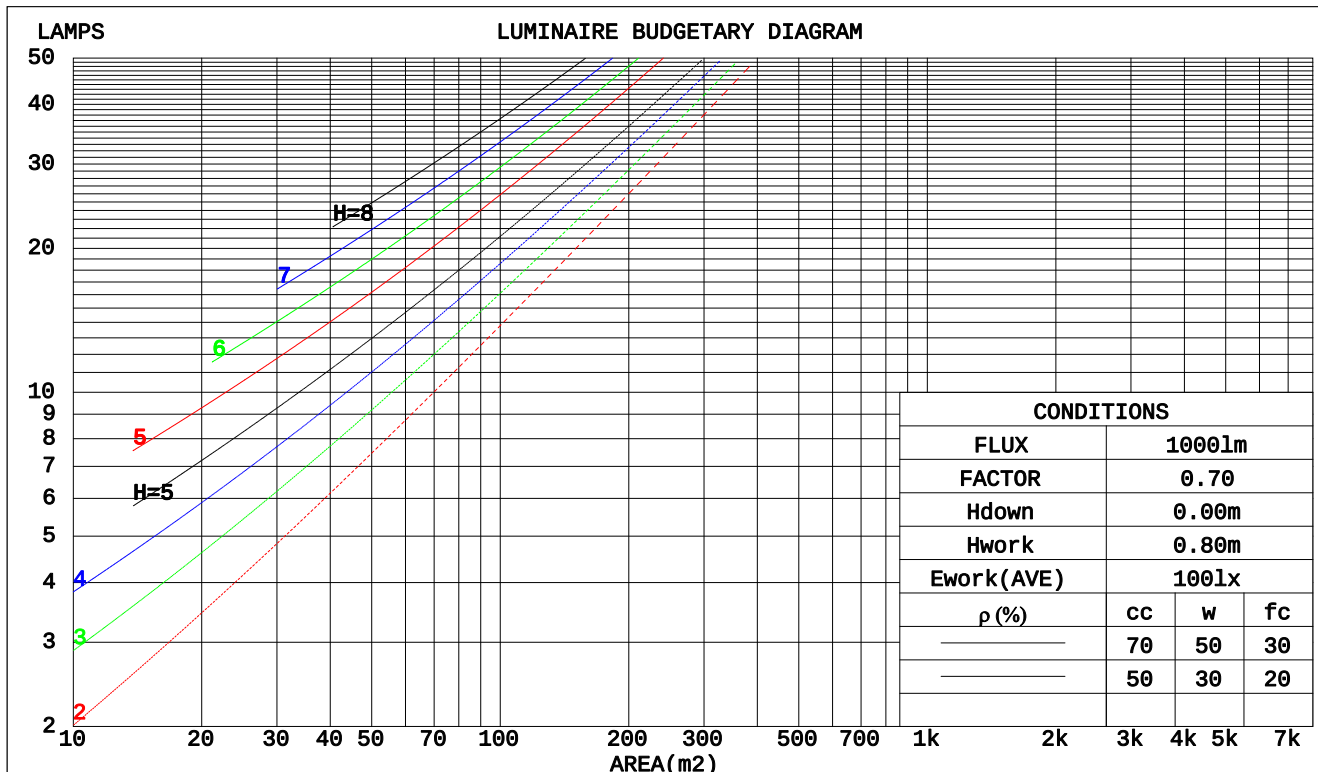
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	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	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.92	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.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	.26	.24



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 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	.317	.180	.057	.309	.177	.056	.296	.170	.054	.283	.163	.052	.271	.157	.051	
2.0	.295	.162	.050	.289	.159	.049	.276	.154	.048	.265	.149	.047	.255	.144	.045	
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.210	.111	.033	.203	.108	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.195	.102	.030	.189	.099	.030	
7.0	.199	.098	.028	.196	.097	.028	.189	.095	.027	.182	.094	.027	.176	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.078	.022	.161	.078	.022	.156	.077	.022	.151	.075	.021	.147	.074	.021	

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.196	.196	.196	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.187	.162	.140	.160	.139	.120	.109	.096	.083	.063	.055	.048	.020	.018	.016	
2.0	.179	.138	.104	.153	.119	.090	.105	.082	.062	.060	.048	.037	.019	.015	.012	
3.0	.171	.120	.080	.146	.104	.069	.101	.072	.049	.058	.042	.029	.019	.014	.009	
4.0	.163	.107	.064	.140	.092	.056	.096	.064	.039	.056	.038	.023	.018	.012	.008	
5.0	.156	.097	.053	.134	.084	.046	.092	.058	.033	.053	.034	.019	.017	.011	.006	
6.0	.148	.088	.045	.128	.076	.039	.088	.054	.028	.051	.031	.017	.016	.010	.005	
7.0	.142	.081	.039	.122	.071	.034	.084	.049	.024	.049	.029	.014	.016	.010	.005	
8.0	.135	.076	.035	.116	.066	.030	.080	.046	.021	.047	.027	.013	.015	.009	.004	
9.0	.129	.071	.031	.111	.061	.027	.077	.043	.019	.045	.025	.012	.015	.008	.004	
10.0	.123	.066	.029	.106	.058	.025	.074	.041	.018	.043	.024	.011	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [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:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 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	22.9	24.4	23.2	24.6	24.9	21.7	23.2	22.0	23.4	23.7
3H	24.7	26.1	25.0	26.3	26.6	22.9	24.3	23.2	24.5	24.8
4H	25.5	26.8	25.8	27.1	27.4	23.2	24.5	23.5	24.8	25.1
6H	26.2	27.5	26.6	27.8	28.1	23.3	24.6	23.7	24.9	25.2
8H	26.6	27.8	26.9	28.1	28.4	23.3	24.6	23.7	24.9	25.2
12H	26.9	28.1	27.3	28.4	28.7	23.3	24.5	23.7	24.8	25.1
4H 2H	23.4	24.7	23.7	25.0	25.2	22.4	23.7	22.7	24.0	24.3
3H	25.3	26.5	25.7	26.8	27.1	23.7	24.9	24.1	25.2	25.5
4H	26.3	27.3	26.7	27.7	28.0	24.2	25.3	24.6	25.6	25.9
6H	27.2	28.1	27.6	28.5	28.9	24.4	25.4	24.8	25.7	26.1
8H	27.6	28.5	28.1	28.9	29.3	24.4	25.3	24.9	25.7	26.1
12H	28.1	28.9	28.5	29.3	29.7	24.4	25.2	24.9	25.6	26.1
8H 4H	26.4	27.3	26.9	27.7	28.1	24.6	25.5	25.0	25.8	26.2
6H	27.5	28.3	28.0	28.7	29.1	24.9	25.7	25.4	26.1	26.5
8H	28.1	28.8	28.6	29.2	29.7	25.0	25.7	25.5	26.1	26.6
12H	28.7	29.3	29.2	29.8	30.3	25.0	25.6	25.5	26.0	26.5
12H 4H	26.4	27.2	26.9	27.6	28.1	24.6	25.5	25.1	25.9	26.3
6H	27.5	28.2	28.0	28.6	29.1	25.1	25.7	25.5	26.2	26.6
8H	28.2	28.7	28.7	29.2	29.7	25.2	25.7	25.7	26.2	26.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 1903 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.2$)
 Area: 0.0372 m²

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	77	70	86	77	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-15

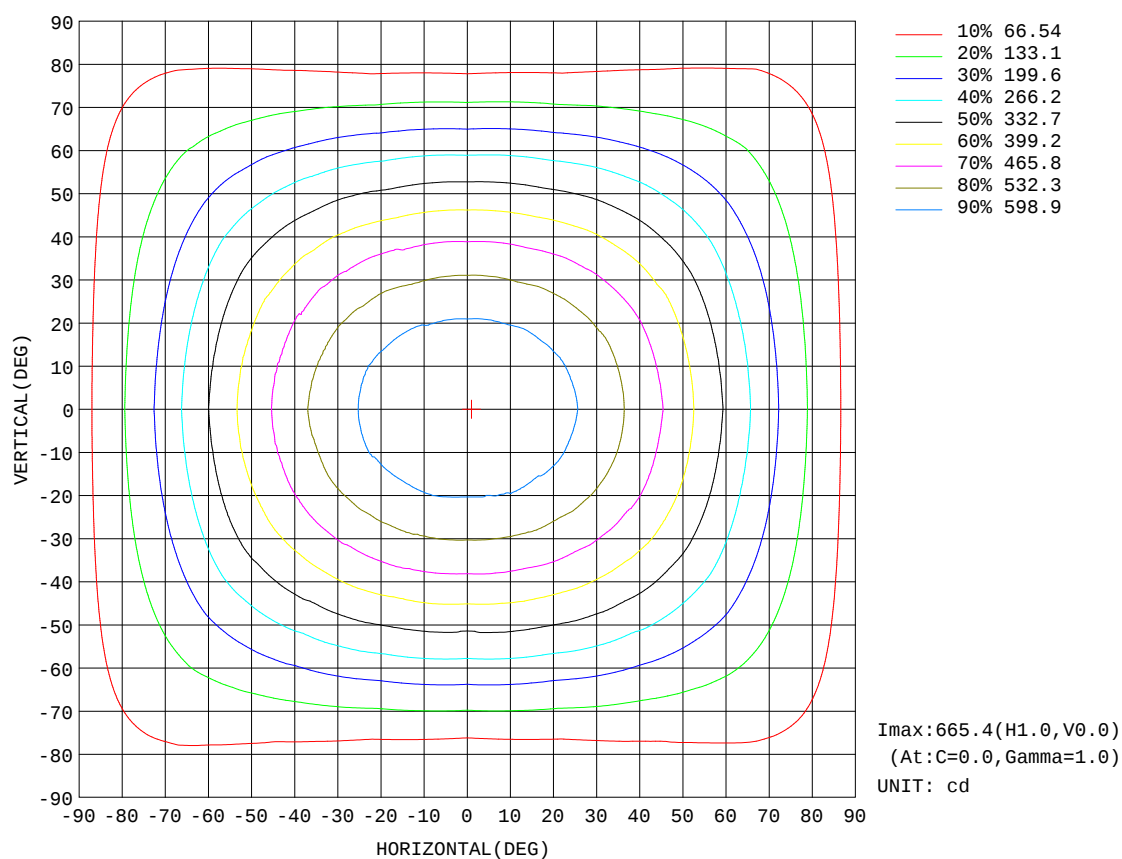
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 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:Wilson
Test Date:2022-12-15

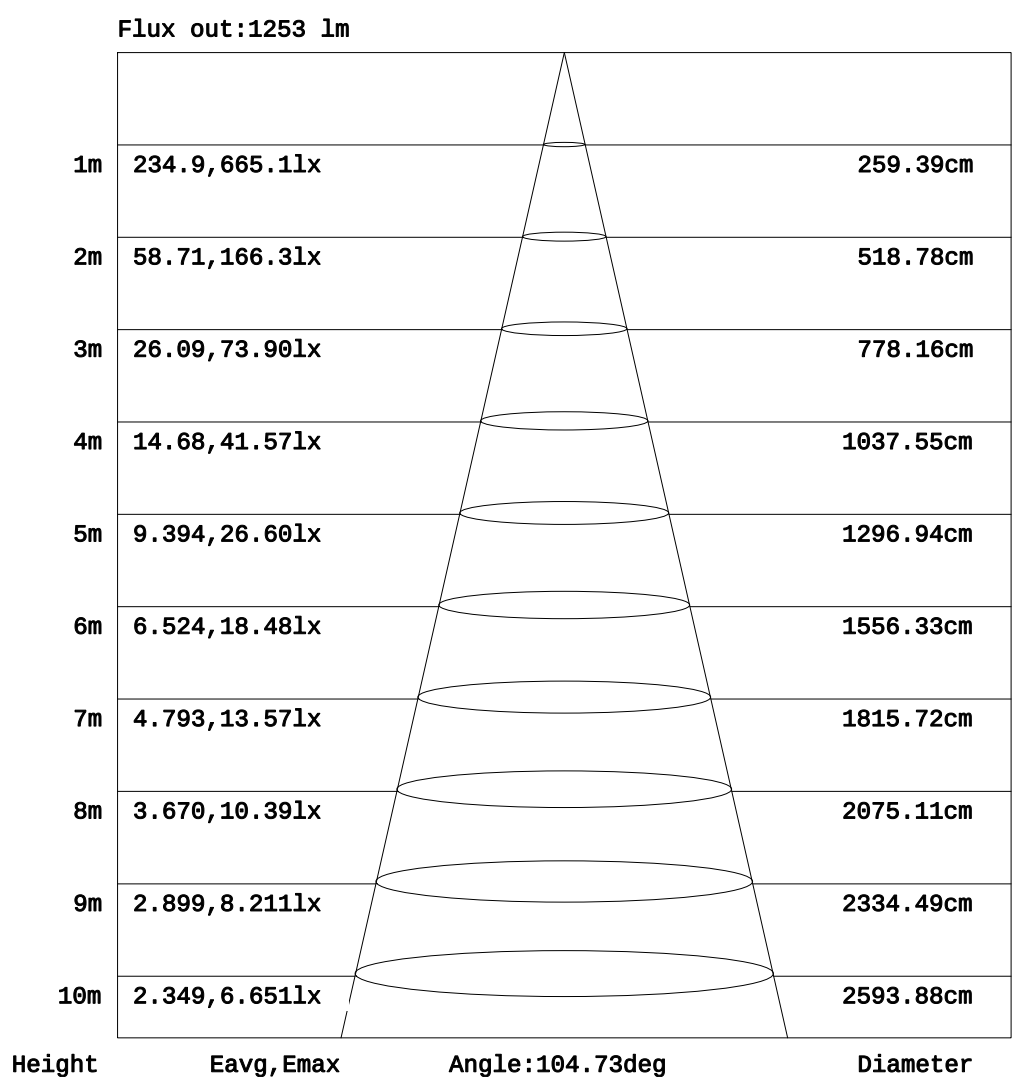
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 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:Wilson
 Test Date:2022-12-15

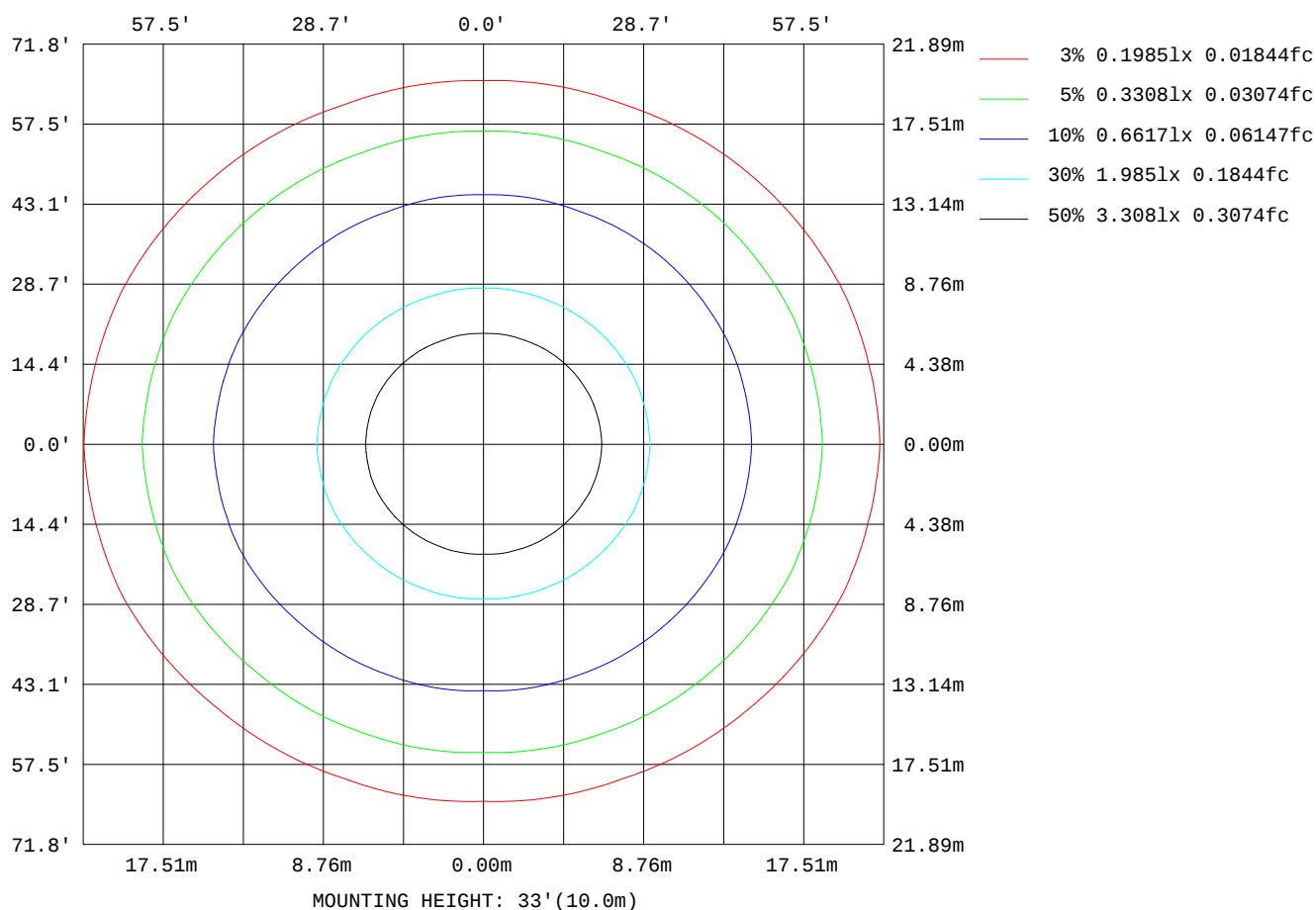
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 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:Wilson
Test Date:2022-12-15

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LED Avg.L Report

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	17625
L_0~180(75)av	18070
L_0~180(85)av	26434
L_90~270(65)av	12201
L_90~270(75)av	8877
L_90~270(85)av	2949
L_45(65)av	14543
L_45(75)av	12713
L_45(85)av	12834

Standard: GB/T 29293-2012

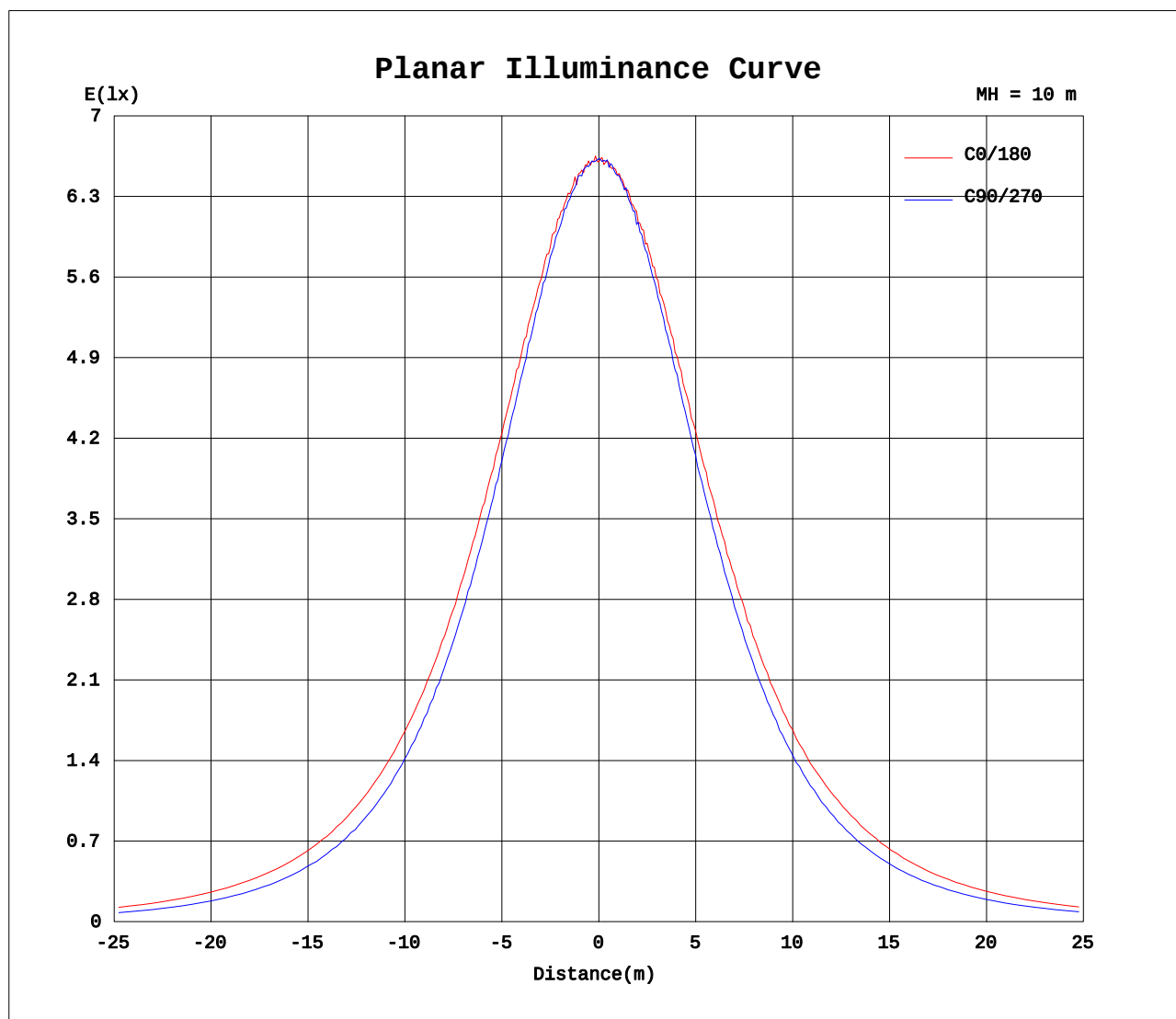
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.2633A P:31.200W PF:0.9865 Freq:60.00Hz Lamp Flux:1902.76x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(°)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (°)	0	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662			
5	663	660	658	656	654	660	655	658	663	659	658	656	656	661	657	658			
10	655	651	650	647	647	648	645	652	654	652	649	647	646	649	648	651			
15	645	638	634	628	625	632	630	640	643	639	636	628	629	634	635	639			
20	627	620	611	607	604	605	609	620	626	622	614	609	604	609	612	621			
25	604	596	584	576	568	578	581	597	605	599	589	578	574	581	586	597			
30	577	568	555	541	534	539	550	568	577	569	558	545	541	546	556	570			
35	545	535	514	500	492	501	513	536	548	538	522	504	497	507	521	535			
40	509	500	476	457	451	456	475	499	509	499	480	464	456	464	480	500			
45	470	455	429	411	400	411	428	458	474	459	438	415	409	418	437	457			
50	425	411	383	361	350	360	381	412	430	416	391	367	359	367	390	414			
55	379	361	330	307	296	309	329	369	387	370	341	316	307	318	341	364			
60	327	311	278	253	243	254	277	317	333	320	287	262	254	264	288	314			
65	272	255	222	196	185	197	222	262	282	265	235	208	199	211	235	260			
70	223	204	168	141	131	142	170	206	227	211	179	153	145	156	179	208			
75	171	153	117	89.9	78.2	90.5	117	157	177	159	128	101	92.7	103	128	160			
80	123	107	72.1	45.3	34.1	45.7	73.2	109	128	114	82.5	54.9	46.8	56.7	82.3	112			
85	84.2	66.1	37.4	15.2	6.06	15.5	37.9	68.9	87.2	71.0	45.2	21.4	13.1	22.5	45.9	71.2			
90	31.6	24.5	9.18	1.20	0.10	1.34	9.34	24.4	35.0	27.5	14.9	3.51	0.08	3.79	15.8	28.5			
95	14.5	6.19	3.49	0.43	0.14	0.54	4.12	1.40	14.0	7.61	4.00	0.66	0.09	0.41	4.48	6.27			
100	10.9	3.60	1.83	0.53	0.18	0.59	2.24	0.40	11.5	4.23	2.00	0.61	0.11	0.36	2.01	4.02			
105	6.53	3.09	1.86	0.60	0.22	0.66	2.07	0.26	4.62	3.11	1.86	0.65	0.13	0.42	1.74	2.55			
110	6.77	3.42	1.93	0.67	0.25	0.74	2.03	0.29	5.98	3.26	1.91	0.71	0.16	0.49	1.73	2.40			
115	6.21	3.59	1.99	0.74	0.30	0.82	2.05	0.33	6.68	3.54	2.01	0.77	0.21	0.56	1.75	2.22			
120	5.48	3.54	2.05	0.82	0.36	0.91	2.11	0.38	5.72	3.38	2.07	0.86	0.30	0.65	1.76	1.91			
125	4.71	3.43	2.00	0.90	0.42	0.98	2.08	0.44	4.89	3.29	2.10	0.96	0.40	0.73	1.78	1.50			
130	4.11	3.32	1.91	0.93	0.49	1.05	1.99	0.51	4.43	3.31	2.05	1.06	0.51	0.83	1.72	1.08			
135	3.47	1.16	1.79	0.93	0.56	1.09	1.84	0.52	3.85	1.49	1.99	1.15	0.63	0.91	1.69	0.57			
140	0.54	2.58	1.31	0.90	0.61	1.08	1.70	0.83	0.61	2.98	1.35	1.16	0.67	0.92	1.55	2.34			
145	2.43	2.22	0.64	0.90	0.67	1.07	1.56	2.37	2.97	2.52	0.90	1.14	0.72	0.93	1.44	2.12			
150	2.02	1.86	1.39	0.60	0.69	1.03	0.99	2.08	2.42	2.22	1.56	0.69	0.67	0.90	0.64	1.84			
155	1.70	1.63	1.27	0.86	0.69	0.91	0.76	1.67	2.04	1.76	1.44	1.05	0.75	0.68	1.05	1.58			
160	1.39	1.31	1.04	0.84	0.74	0.68	1.37	1.42	1.53	1.26	1.40	0.96	0.67	0.76	1.00	1.30			
165	1.09	0.78	0.97	0.66	0.83	0.87	0.70	1.44	1.37	0.68	1.35	0.80	0.72	0.76	0.61	1.02			
170	0.70	0.73	0.89	0.74	0.90	0.85	0.78	0.71	0.64	0.68	0.83	0.62	0.74	0.75	0.79	0.63			
175	0.97	0.87	0.84	0.83	0.88	0.88	0.98	0.99	0.89	0.90	0.79	0.72	0.82	0.79	0.83	0.87			
180	0.86	0.88	0.89	0.89	0.87	0.85	0.86	0.84	0.86	0.88	0.89	0.89	0.87	0.85	0.87	0.85			

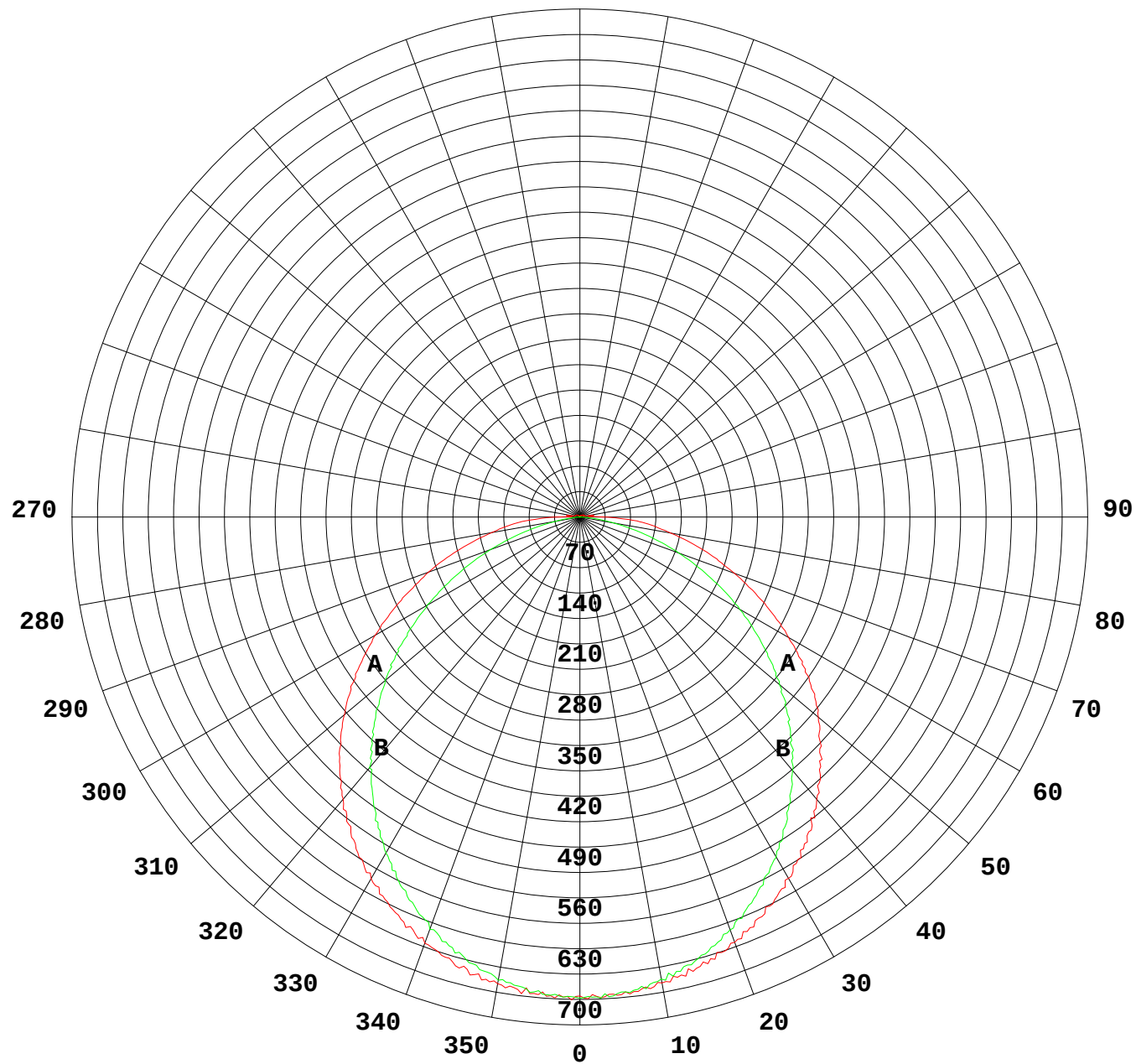
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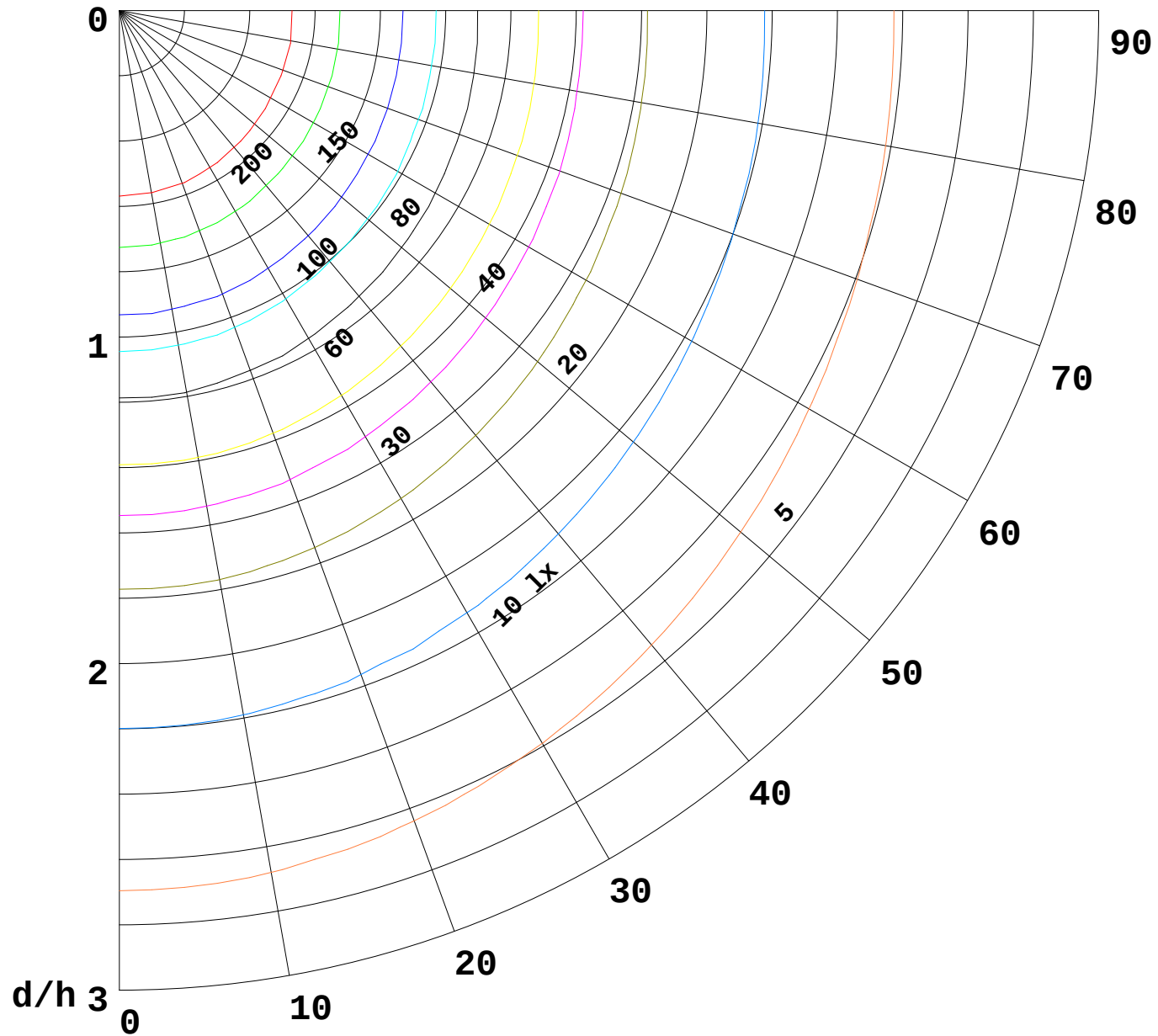
Assessor: Akin Xu

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

