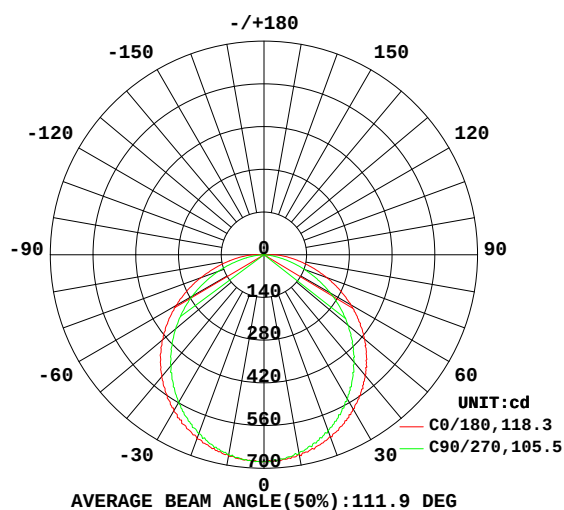
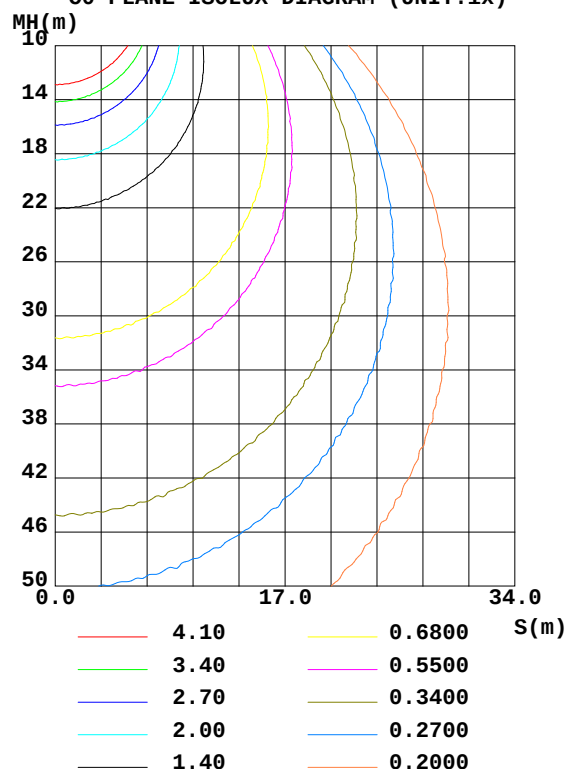


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 68.83 lm/W
MODEL	VN27-24-25S-952C5-MVTD-SB002-2700K	I _{max} (cd)	683.5	S/MH(C0/180)	1.29	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.23	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1940.3	η UP, DN(C0-180)	0.1, 49.1	
NOMINAL FLUX(lm)	1940.33	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 50.6	
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	120	η down(%)	99.7	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: 2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.678m [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	664.5	661.8	660.8	661.9	670.1	666.0	664.0	663.6	0- 10	64.02	64.02	3.3,3.3
20	634.1	623.1	612.8	623.7	642.0	631.5	623.5	630.5	10- 20	183.1	247.1	12.7,12.7
30	582.5	564.3	544.7	564.1	591.6	576.3	558.0	570.6	20- 30	276.8	523.9	27,27
40	513.9	485.2	459.8	484.8	522.8	500.3	474.0	495.2	30- 40	333.0	857.0	44.2,44.2
50	430.3	392.7	360.6	390.8	435.6	407.0	376.6	402.9	40- 50	344.8	1202	61.9,61.9
60	327.2	287.5	251.9	284.5	333.7	302.6	271.9	299.1	50- 60	310.7	1512	77.9,77.9
70	217.9	176.0	141.4	172.9	219.7	188.7	159.4	187.5	60- 70	236.1	1749	90.1,90.1
80	114.8	76.50	43.72	73.36	115.3	85.02	58.22	86.56	70- 80	137.3	1886	97.2,97.2
90	33.54	11.06	0.1134	12.27	35.89	16.32	0.4281	19.15	80- 90	48.64	1934	99.7,99.7
100	1.642	0.2138	0.1926	0.2162	1.063	0.1262	0.1020	0.1248	90-100	3.596	1938	99.9,99.9
110	0.2775	0.2783	0.2629	0.2918	0.2008	0.1948	0.1576	0.1897	100-110	0.2208	1938	99.9,99.9
120	0.3741	0.3760	0.3592	0.3729	0.3162	0.3300	0.3082	0.2993	110-120	0.2781	1939	99.9,99.9
130	0.4916	0.4937	0.4933	0.4787	0.4773	0.5197	0.5124	0.4619	120-130	0.3716	1939	99.9,99.9
140	0.5454	0.5535	0.5714	0.5470	0.6248	0.6833	0.6652	0.6263	130-140	0.4328	1939	100,100
150	0.6126	0.6039	0.6459	0.6181	0.6765	0.7140	0.6576	0.6642	140-150	0.3958	1940	100,100
160	0.6547	0.6483	0.6851	0.6987	0.6772	0.7113	0.6616	0.6428	150-160	0.3067	1940	100,100
170	0.7267	0.7556	0.8096	0.7621	0.6393	0.6946	0.6568	0.6204	160-170	0.1922	1940	100,100
180	0.7674	0.8005	0.8438	0.7698	0.7681	0.8109	0.8453	0.7679	170-180	0.0712	1940	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1030.8 lm

%lum = 53.1%

%lamp = 53.1%

Conical surface Flux(120deg): 1512.5 lm

%lum = 77.9%

%lamp = 77.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-11-21

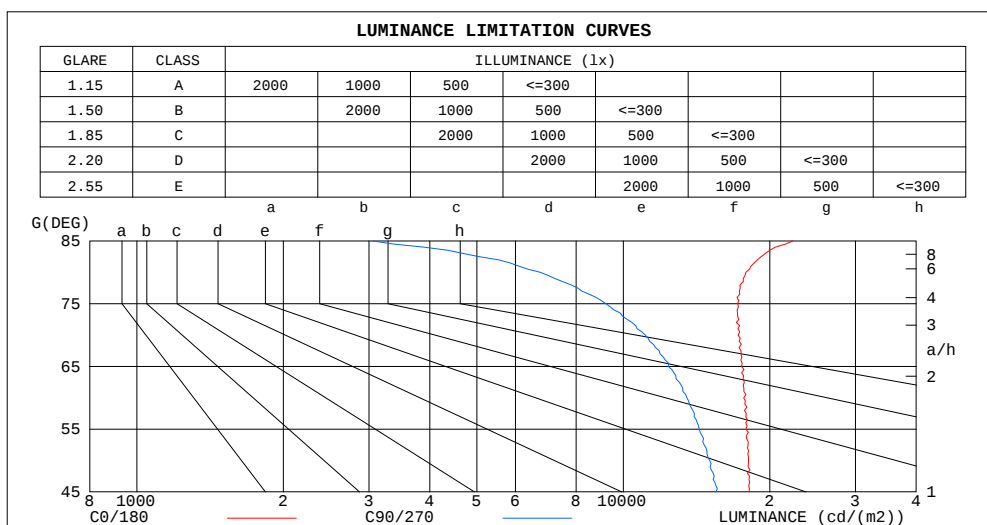
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	22288	3058
80	17861	6756
75	17182	9205
70	17213	11091
65	17503	12371
60	17681	13515
55	17872	14326
50	18088	15053
45	18135	15493

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-11-21

Checker: Near Gao

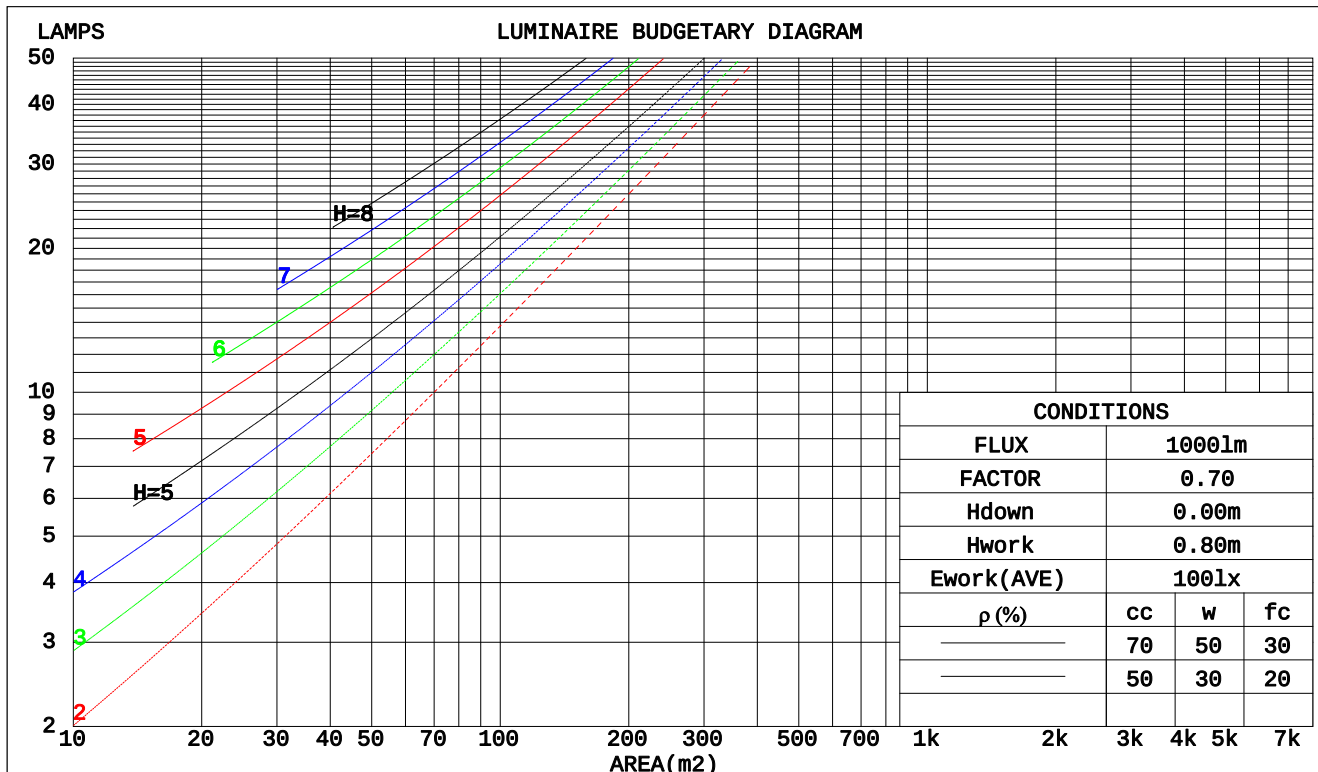
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 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	1.02	1.02	1.02	.00
1.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.35	.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	.29	.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: 2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.316	.180	.057	.309	.176	.056	.296	.170	.054	.283	.163	.052	.272	.158	.051		
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046		
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
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	.219	.114	.033	.211	.111	.033	.204	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.199	.099	.028	.196	.098	.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	.156	.079	.023		
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.075	.021	.148	.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	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.183	.158	.136	.157	.136	.117	.107	.094	.081	.062	.054	.047	.020	.017	.015	
2.0	.175	.134	.100	.150	.116	.086	.103	.080	.060	.059	.047	.035	.019	.015	.012	
3.0	.167	.117	.076	.143	.101	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.160	.103	.060	.137	.089	.053	.094	.062	.037	.054	.036	.022	.018	.012	.007	
5.0	.152	.093	.049	.131	.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	.036	.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	.028	.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:Wilson
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [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:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 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	23.0	24.5	23.2	24.7	24.9	21.9	23.4	22.1	23.6	23.8
3H	24.7	26.1	25.0	26.3	26.6	23.1	24.5	23.4	24.7	25.0
4H	25.4	26.8	25.8	27.0	27.3	23.5	24.8	23.8	25.1	25.4
6H	26.1	27.4	26.5	27.7	27.9	23.7	25.0	24.0	25.2	25.5
8H	26.4	27.6	26.8	27.9	28.2	23.7	24.9	24.1	25.2	25.5
12H	26.7	27.9	27.1	28.2	28.5	23.7	24.9	24.1	25.2	25.5
4H 2H	23.5	24.8	23.8	25.0	25.3	22.6	23.9	22.9	24.2	24.4
3H	25.4	26.5	25.7	26.8	27.2	24.0	25.2	24.3	25.5	25.8
4H	26.3	27.3	26.6	27.7	28.0	24.5	25.6	24.9	25.9	26.2
6H	27.1	28.0	27.5	28.4	28.8	24.8	25.8	25.2	26.1	26.5
8H	27.5	28.4	27.9	28.7	29.1	24.9	25.7	25.3	26.1	26.5
12H	27.8	28.7	28.3	29.1	29.5	24.9	25.7	25.3	26.1	26.5
8H 4H	26.4	27.3	26.9	27.7	28.1	24.9	25.8	25.3	26.1	26.5
6H	27.4	28.2	27.9	28.6	29.0	25.3	26.0	25.7	26.5	26.9
8H	27.9	28.6	28.4	29.0	29.5	25.4	26.1	25.9	26.5	27.0
12H	28.5	29.0	29.0	29.5	30.0	25.5	26.0	25.9	26.5	27.0
12H 4H	26.4	27.2	26.9	27.6	28.0	24.9	25.7	25.4	26.1	26.5
6H	27.5	28.1	27.9	28.6	29.0	25.4	26.1	25.9	26.5	27.0
8H	28.0	28.6	28.5	29.0	29.5	25.6	26.1	26.1	26.6	27.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 1940 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.3$)
 Area: 0.0372 m²

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 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	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	84	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	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:2022-11-21

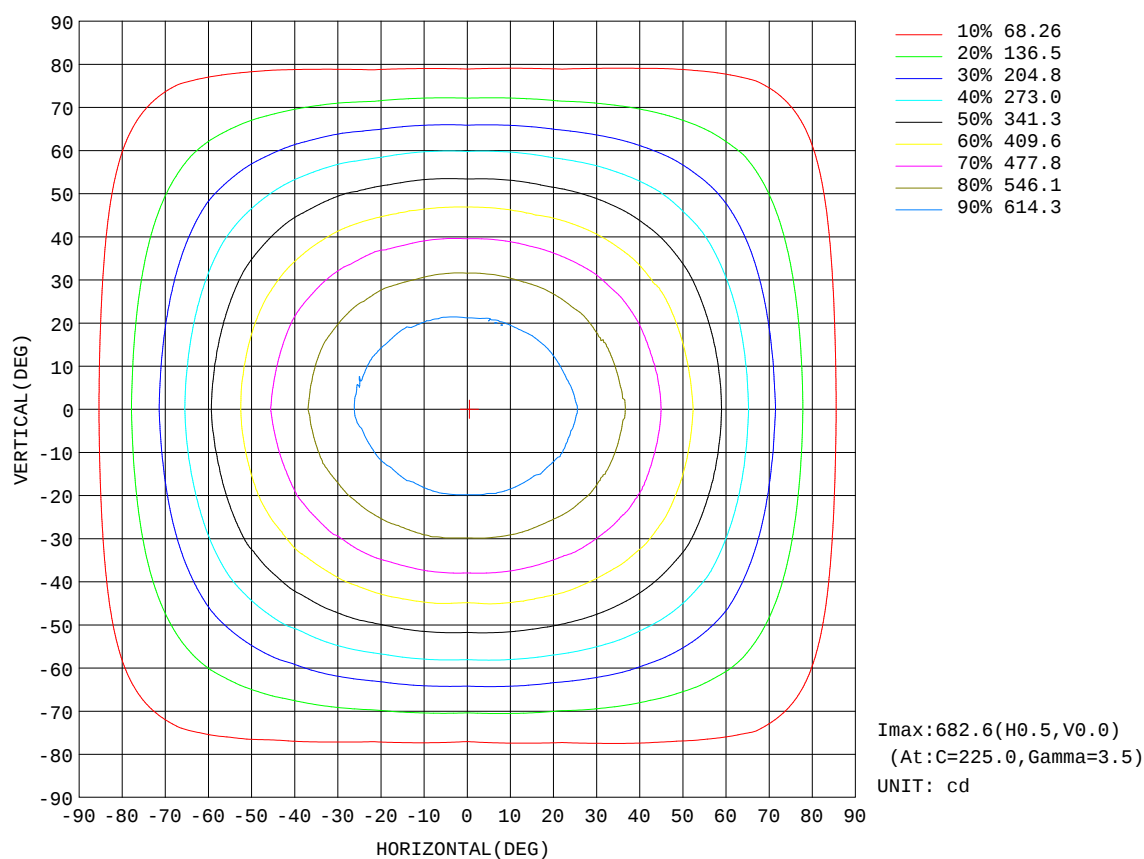
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 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:2022-11-21

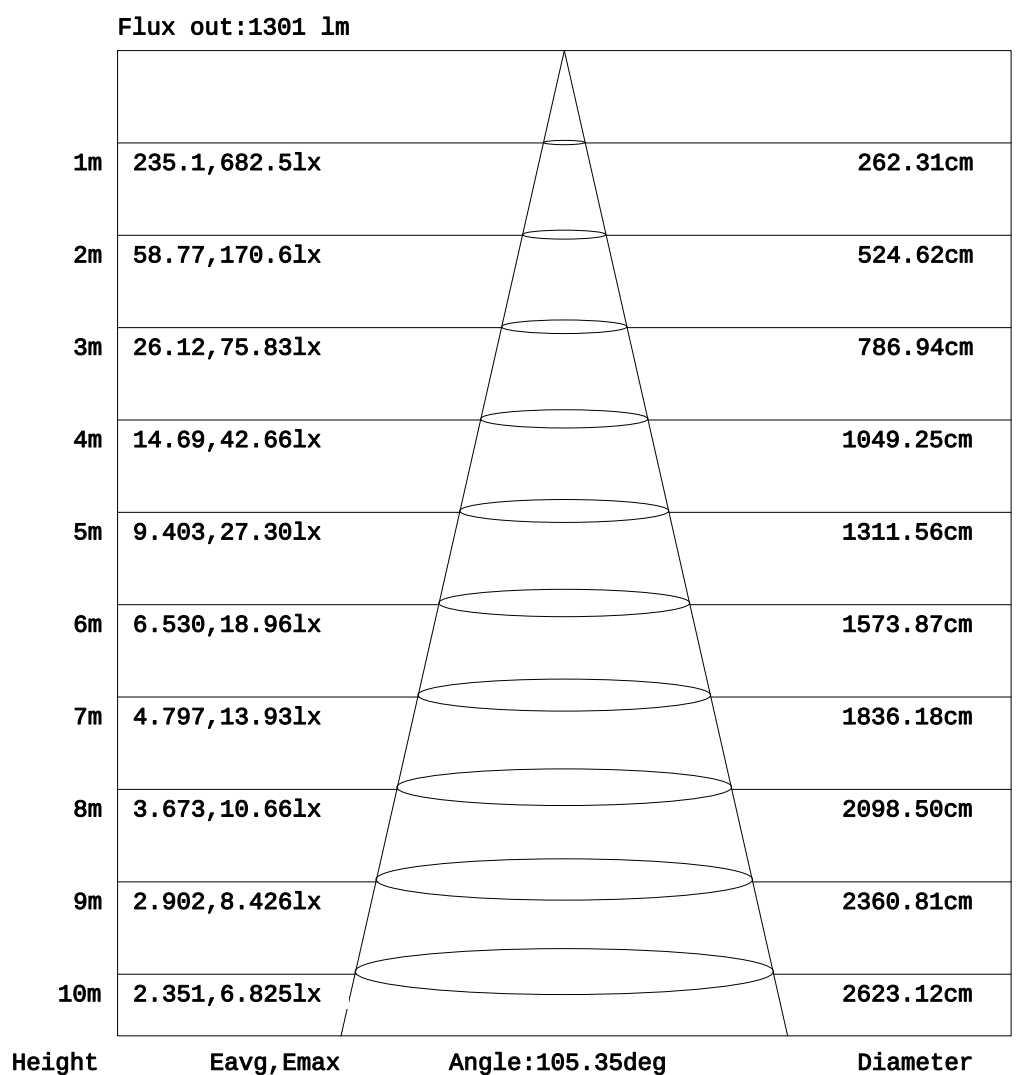
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

AAI Figure

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 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:2022-11-21

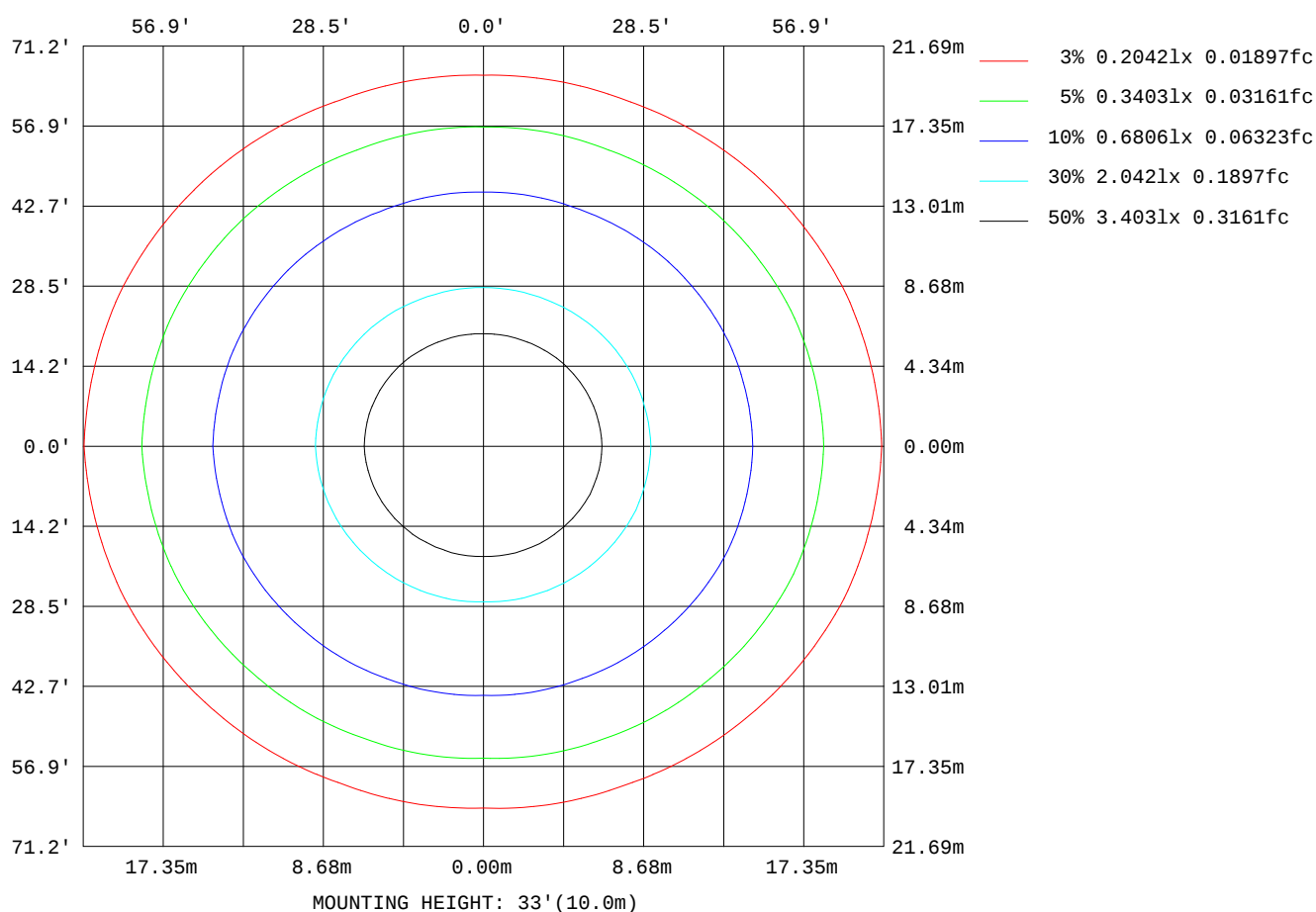
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 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:2022-11-21

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:2.678m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LED Avg.L Report

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	17544
L_0~180(75)av	17094
L_0~180(85)av	22038
L_90~270(65)av	13024
L_90~270(75)av	10147
L_90~270(85)av	4623
L_45(65)av	15133
L_45(75)av	13256
L_45(85)av	12931

Standard: GB/T 29293-2012

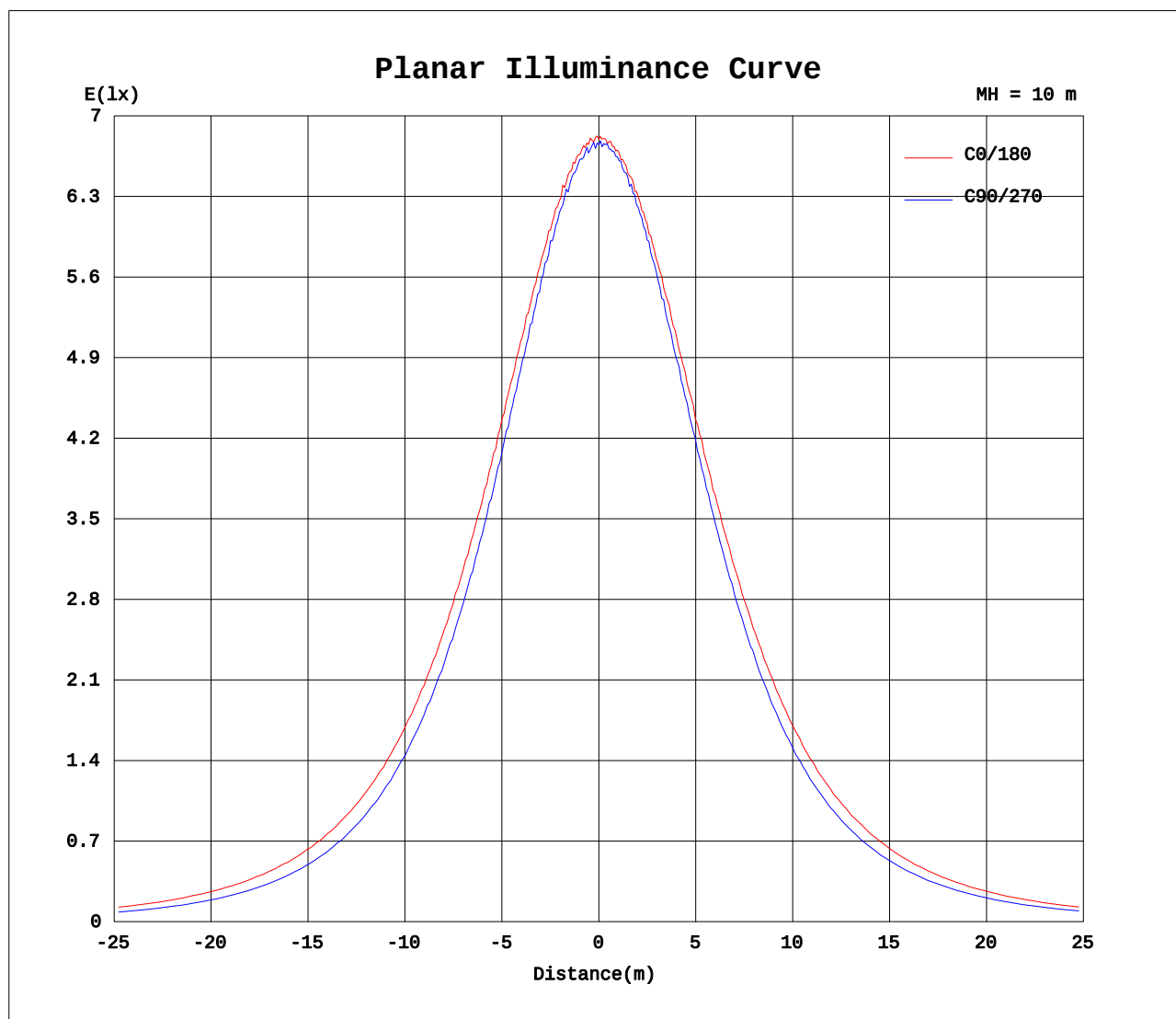
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.11V I:0.2366A P:28.190W PF:0.9918 Freq:60.00Hz Lamp Flux:1940.33x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

C(DEC)	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 (DEC)	0	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676			
5	675	671	679	672	671	668	672	676	674	670	679	672	674	670	671	679			
10	664	664	662	659	661	660	662	666	670	664	666	664	664	663	664	668			
15	653	650	649	639	638	639	643	655	658	654	654	645	647	643	651	656			
20	634	631	623	615	613	617	624	633	642	636	632	624	624	624	631	633			
25	613	606	599	586	578	583	595	609	616	612	609	595	592	593	603	612			
30	582	580	564	551	545	550	564	578	592	584	576	562	558	560	571	582			
35	553	542	531	512	503	508	525	547	557	549	542	521	518	520	536	550			
40	514	506	485	466	460	468	485	505	523	513	500	480	474	479	495	510			
45	475	462	442	421	408	419	436	466	479	470	456	431	428	430	452	469			
50	430	418	393	370	361	369	391	416	436	426	407	386	377	382	403	425			
55	379	367	342	318	306	315	337	369	385	375	356	330	326	329	353	373			
60	327	315	288	263	252	262	284	312	334	321	303	279	272	278	299	321			
65	274	260	232	206	195	204	227	259	278	266	247	221	215	221	245	267			
70	218	203	176	151	141	149	173	200	220	209	189	167	159	167	188	211			
75	165	150	123	99.7	88.8	97.6	119	147	165	155	134	113	107	113	135	157			
80	115	101	76.5	52.7	43.7	51.7	73.4	98.6	115	105	85.0	63.8	58.2	65.7	86.6	108			
85	71.9	60.1	38.0	19.0	9.93	19.4	37.2	58.5	71.0	62.0	44.5	25.7	20.0	28.0	48.0	66.0			
90	33.5	25.3	11.1	1.77	0.11	1.46	12.3	25.2	35.9	29.2	16.3	3.70	0.43	6.82	19.1	31.1			
95	1.32	1.63	1.77	0.15	0.15	0.15	1.10	0.26	0.12	0.13	1.06	0.10	0.09	0.10	1.74	0.17			
100	1.64	0.59	0.21	0.19	0.19	0.19	0.22	0.42	1.06	0.53	0.13	0.12	0.10	0.11	0.12	0.41			
105	0.25	0.23	0.25	0.23	0.23	0.23	0.25	0.24	0.16	0.16	0.15	0.14	0.13	0.13	0.15	0.16			
110	0.28	0.27	0.28	0.27	0.26	0.27	0.29	0.28	0.20	0.20	0.19	0.18	0.16	0.17	0.19	0.19			
115	0.32	0.31	0.32	0.31	0.30	0.32	0.33	0.32	0.25	0.26	0.26	0.23	0.22	0.23	0.24	0.24			
120	0.37	0.36	0.38	0.36	0.36	0.38	0.37	0.37	0.32	0.33	0.33	0.31	0.31	0.31	0.30	0.30			
125	0.43	0.42	0.44	0.44	0.42	0.44	0.43	0.43	0.39	0.41	0.42	0.41	0.40	0.39	0.38	0.38			
130	0.49	0.49	0.49	0.51	0.49	0.50	0.48	0.50	0.48	0.51	0.52	0.54	0.51	0.50	0.46	0.47			
135	0.52	0.53	0.52	0.55	0.54	0.53	0.52	0.53	0.57	0.61	0.64	0.65	0.64	0.61	0.58	0.58			
140	0.55	0.54	0.55	0.57	0.57	0.56	0.55	0.56	0.62	0.65	0.68	0.68	0.67	0.64	0.63	0.62			
145	0.58	0.57	0.59	0.61	0.62	0.59	0.58	0.59	0.64	0.67	0.72	0.70	0.69	0.68	0.66	0.66			
150	0.61	0.61	0.60	0.62	0.65	0.61	0.62	0.61	0.68	0.69	0.71	0.70	0.66	0.68	0.66	0.67			
155	0.64	0.62	0.66	0.64	0.67	0.64	0.68	0.65	0.68	0.68	0.72	0.68	0.70	0.64	0.67	0.67			
160	0.65	0.65	0.65	0.65	0.69	0.68	0.70	0.67	0.68	0.69	0.71	0.70	0.66	0.66	0.64	0.66			
165	0.68	0.69	0.69	0.66	0.75	0.70	0.73	0.71	0.66	0.68	0.69	0.66	0.66	0.61	0.62	0.64			
170	0.73	0.76	0.76	0.73	0.81	0.74	0.76	0.74	0.64	0.68	0.69	0.64	0.66	0.61	0.62	0.66			
175	0.83	0.84	0.85	0.83	0.88	0.83	0.84	0.83	0.73	0.75	0.79	0.75	0.76	0.71	0.72	0.72			
180	0.77	0.79	0.80	0.79	0.84	0.75	0.77	0.75	0.77	0.79	0.81	0.80	0.85	0.75	0.77	0.75			

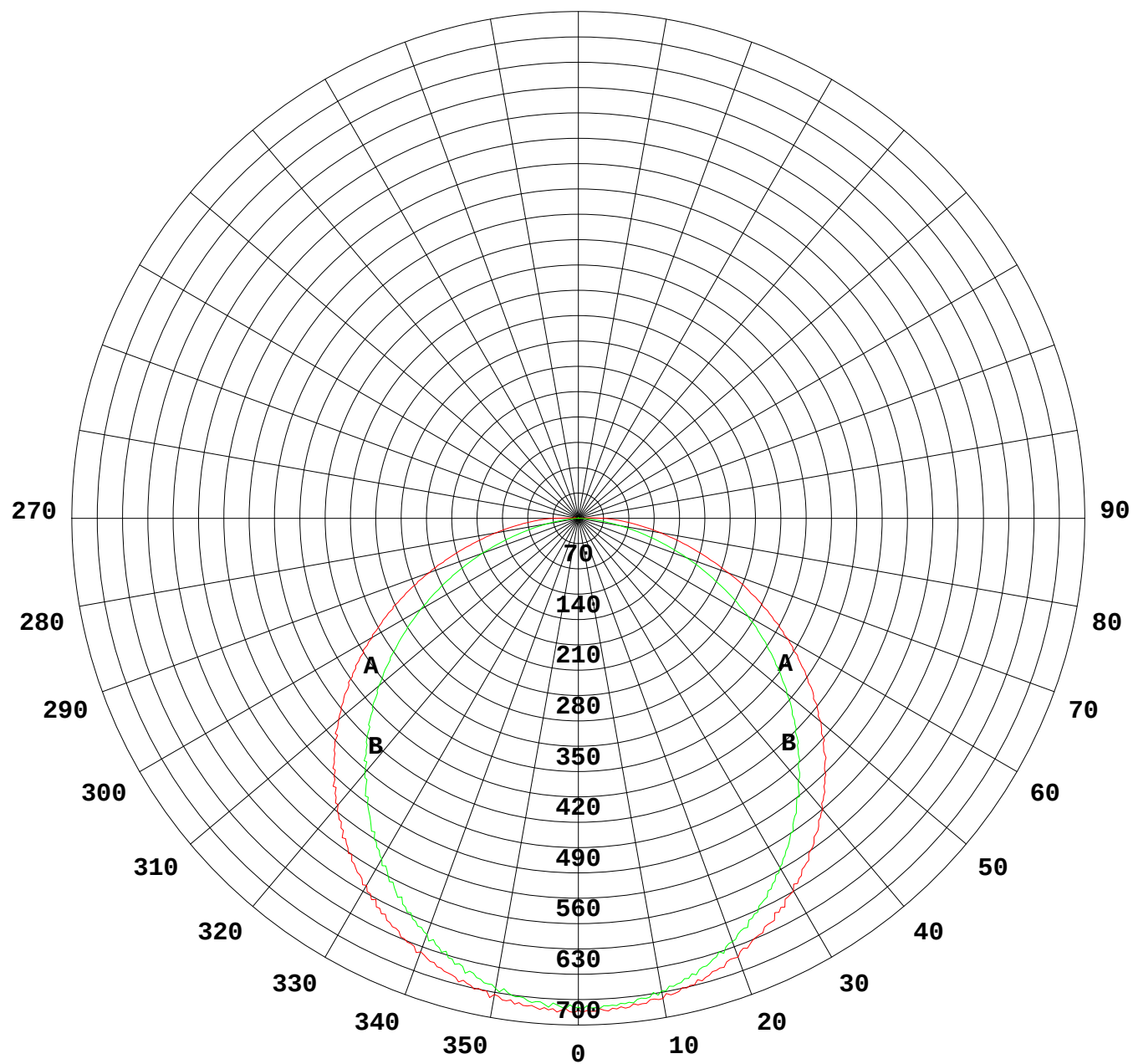
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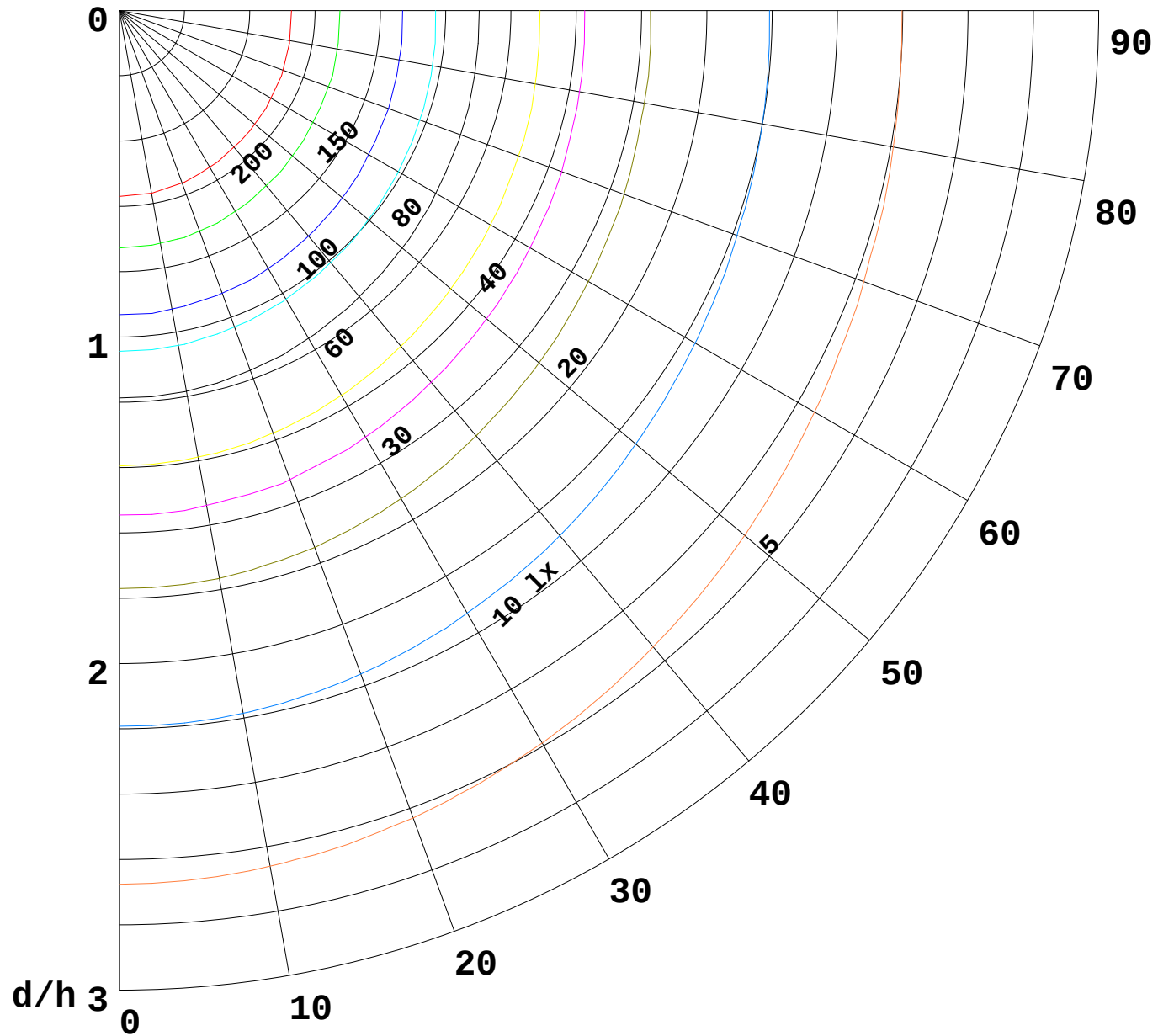
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I(cd)



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

