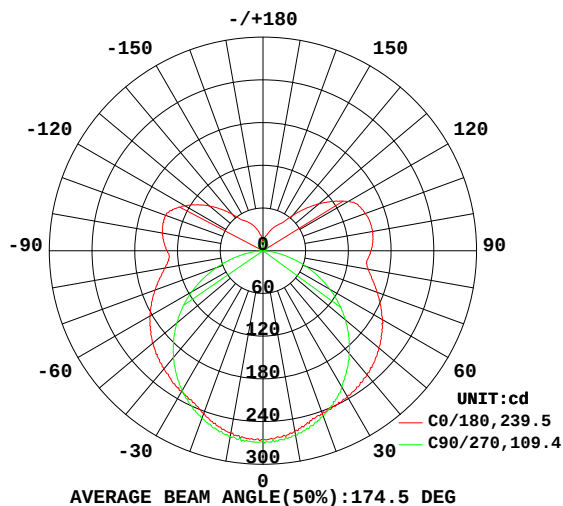


LUMINAIRE PHOTOMETRIC TEST REPORT

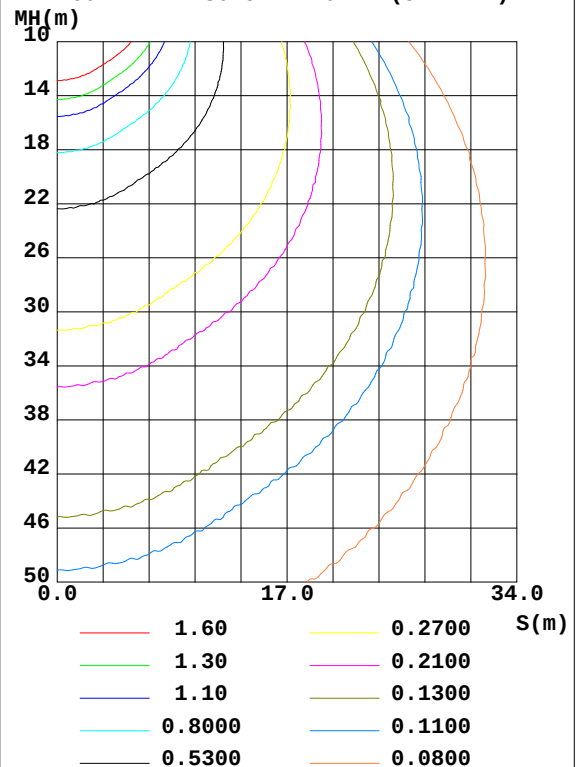
Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.23 lm/W			
MODEL	26-24-25S-952C5-MVTD-BK	I _{max} (cd)	270.4	S/MH(C0/180)	1.31
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1378.2	η UP, DN(C0-180)	14.6, 35.2
NOMINAL FLUX(lm)	1378.18	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	14.5, 35.7
LAMPS INSIDE	1	η up(%)	29.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	70.9	CIBSE SHR MAX	1.50

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:2022-12-16

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	257.4	257.0	262.7	260.8	260.6	259.5	264.5	260.1	0- 10	25.12	25.12	1.82,1.82
20	244.2	238.5	246.2	244.9	242.9	245.0	250.8	243.2	10- 20	71.43	96.55	7.01,7.01
30	236.9	220.1	221.2	218.3	228.0	219.8	227.2	225.6	20- 30	108.3	204.9	14.9,14.9
40	227.8	202.2	189.0	196.5	216.6	198.0	195.8	208.4	30- 40	134.3	339.2	24.6,24.6
50	212.3	180.1	150.8	174.9	201.0	177.1	158.1	188.3	40- 50	148.1	487.2	35.4,35.4
60	193.2	154.0	108.9	151.2	182.8	152.4	115.8	163.4	50- 60	148.5	635.7	46.1,46.1
70	170.4	124.9	64.11	124.5	160.9	124.1	69.48	134.8	60- 70	135.6	771.3	56.56
80	149.8	98.12	22.08	98.70	139.4	96.71	25.65	107.6	70- 80	112.8	884.1	64.2,64.2
90	151.4	93.89	0.3455	91.02	134.4	85.33	0.4413	101.9	80- 90	93.12	977.3	70.9,70.9
100	156.2	97.66	1.534	98.58	142.8	92.30	1.412	106.0	90-100	94.72	1072	77.8,77.8
110	153.5	96.86	4.123	94.26	145.1	90.07	3.412	104.6	100-110	93.65	1166	84.6,84.6
120	138.5	75.43	6.640	76.32	126.5	72.47	5.440	81.76	110-120	79.41	1245	90.3,90.3
130	103.0	49.82	8.900	54.30	97.44	51.52	7.205	54.38	120-130	56.90	1302	94.5,94.5
140	64.94	34.23	10.63	42.13	66.39	38.57	8.511	37.43	130-140	35.24	1337	97.97
150	42.18	27.70	12.79	35.69	47.97	33.02	10.06	27.13	140-150	20.90	1358	98.5,98.5
160	30.21	20.95	15.77	29.22	37.03	26.96	13.16	22.48	150-160	12.54	1371	99.5,99.5
170	20.28	17.84	15.80	20.47	23.10	19.28	12.96	17.21	160-170	6.177	1377	99.9,99.9
180	1.951	1.951	1.951	1.951	1.948	1.948	1.948	1.948	170-180	1.398	1378	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 412.31 lm

%lum = 29.9%

%lamp = 29.9%

Conical surface Flux(120deg): 635.72 lm

%lum = 46.1%

%lamp = 46.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-16

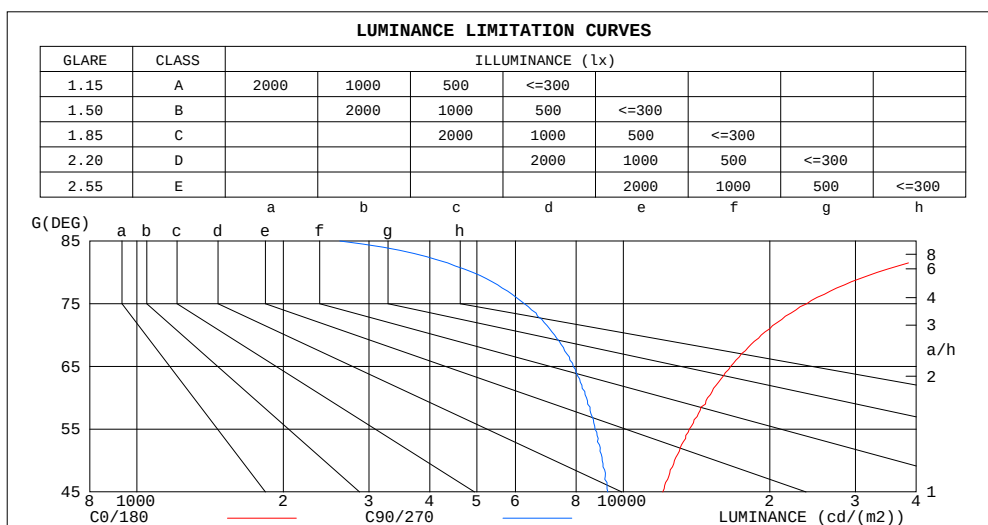
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	65116	2613
80	33260	4903
75	23828	6263
70	19207	7226
65	16615	7889
60	14896	8399
55	13660	8746
50	12733	9046
45	12046	9293

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-12-16

Checker: Near Gao

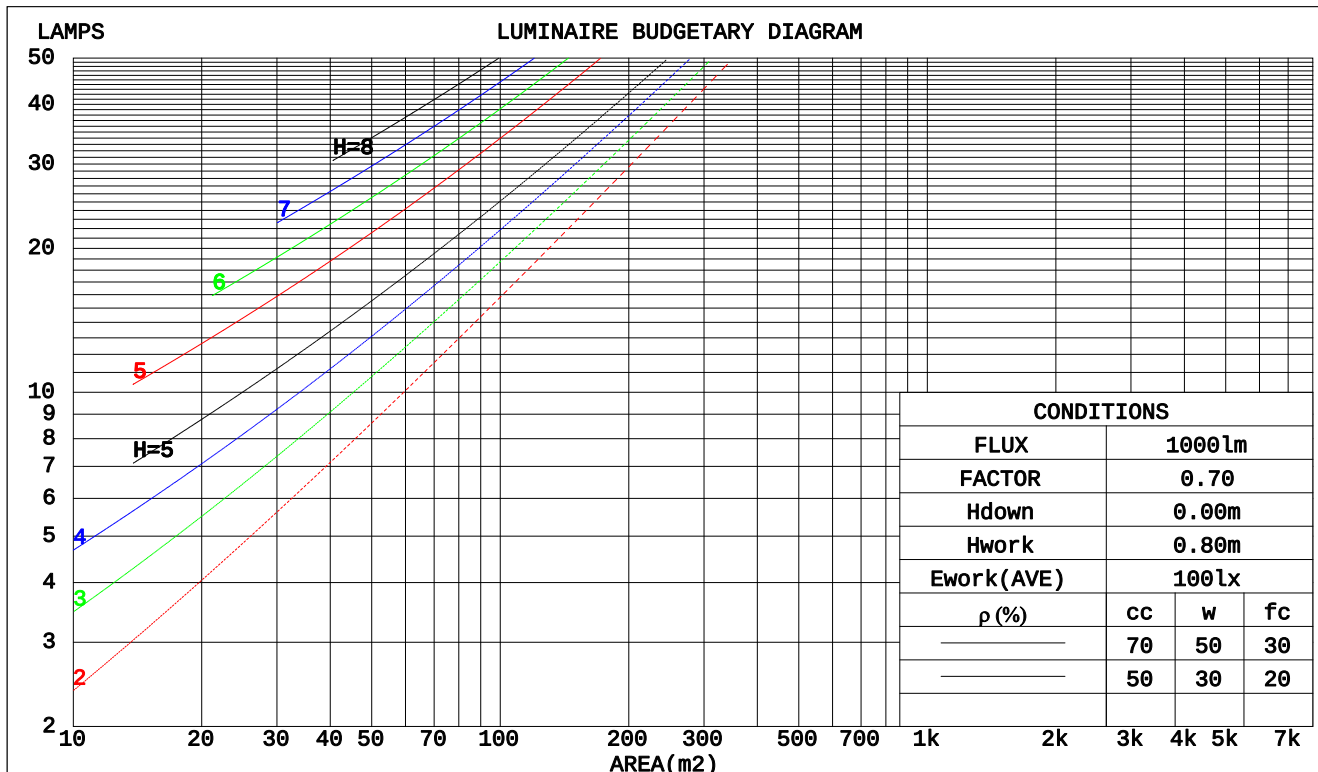
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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						Coefficients of Utilization(CU)									
0.0	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.75	.75	.75	.71
1.0	.94	.89	.84	.89	.84	.80	.79	.75	.72	.70	.67	.65	.62	.60	.58	.54
2.0	.80	.73	.66	.76	.69	.63	.68	.62	.57	.60	.56	.52	.53	.49	.46	.43
3.0	.70	.61	.54	.66	.58	.52	.59	.52	.47	.52	.47	.43	.46	.42	.38	.35
4.0	.61	.52	.45	.58	.50	.43	.52	.45	.39	.46	.40	.36	.41	.36	.32	.29
5.0	.54	.45	.38	.51	.43	.37	.46	.39	.34	.41	.35	.31	.36	.32	.28	.25
6.0	.49	.40	.33	.46	.38	.32	.41	.34	.29	.37	.31	.27	.33	.28	.24	.21
7.0	.44	.35	.29	.42	.33	.28	.37	.31	.26	.34	.28	.23	.30	.25	.21	.19
8.0	.40	.31	.25	.38	.30	.24	.34	.27	.23	.31	.25	.21	.27	.23	.19	.17
9.0	.36	.28	.23	.35	.27	.22	.31	.25	.20	.28	.23	.19	.25	.20	.17	.15
10.0	.33	.25	.20	.32	.24	.20	.29	.23	.18	.26	.21	.17	.23	.19	.15	.13



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-12-16

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:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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	.371	.211	.067	.355	.202	.064	.325	.186	.059	.297	.171	.055	.272	.157	.051		
2.0	.322	.176	.054	.307	.169	.052	.280	.156	.048	.255	.143	.045	.232	.131	.041		
3.0	.286	.152	.046	.273	.146	.044	.249	.135	.041	.226	.124	.038	.204	.113	.035		
4.0	.258	.134	.039	.246	.129	.038	.224	.119	.035	.203	.109	.033	.183	.100	.030		
5.0	.235	.120	.035	.224	.115	.034	.204	.106	.031	.184	.097	.029	.167	.089	.027		
6.0	.216	.108	.031	.206	.104	.030	.187	.096	.028	.169	.088	.026	.153	.080	.024		
7.0	.199	.099	.028	.190	.095	.027	.173	.087	.025	.156	.080	.023	.141	.073	.022		
8.0	.185	.090	.025	.177	.087	.025	.161	.080	.023	.145	.074	.021	.131	.067	.020		
9.0	.173	.084	.023	.165	.080	.023	.150	.074	.021	.136	.068	.019	.123	.062	.018		
10.0	.162	.078	.022	.154	.075	.021	.141	.069	.019	.127	.063	.018	.115	.058	.017		

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	.412	.412	.412	.352	.352	.352	.240	.240	.240	.138	.138	.138	.044	.044	.044		
1.0	.408	.379	.353	.349	.325	.304	.239	.224	.210	.137	.130	.122	.044	.042	.040		
2.0	.401	.357	.319	.344	.307	.276	.235	.212	.193	.136	.124	.113	.044	.040	.037		
3.0	.394	.341	.298	.338	.294	.258	.232	.204	.181	.134	.119	.107	.043	.039	.035		
4.0	.386	.328	.284	.331	.284	.247	.228	.198	.174	.132	.116	.103	.042	.038	.034		
5.0	.379	.319	.274	.325	.276	.239	.224	.193	.169	.130	.113	.100	.042	.037	.033		
6.0	.372	.311	.267	.319	.269	.233	.220	.189	.165	.128	.111	.098	.041	.036	.032		
7.0	.365	.305	.262	.314	.264	.229	.217	.185	.162	.126	.109	.096	.041	.036	.032		
8.0	.358	.299	.258	.309	.259	.225	.213	.182	.160	.124	.107	.095	.040	.035	.032		
9.0	.352	.294	.255	.304	.256	.223	.210	.180	.158	.122	.106	.094	.040	.035	.031		
10.0	.347	.290	.253	.299	.252	.221	.207	.177	.157	.121	.105	.094	.039	.034	.031		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-16

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:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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	2H	20.6	21.8	21.2	22.5	23.2	18.1	19.3	18.8	20.0	20.8
	3H	23.3	24.4	23.9	25.1	25.9	19.6	20.7	20.2	21.4	22.2
	4H	24.8	25.8	25.5	26.5	27.4	20.1	21.2	20.8	21.9	22.7
	6H	26.5	27.5	27.2	28.2	29.0	20.4	21.4	21.2	22.2	23.0
	8H	27.4	28.4	28.1	29.1	30.0	20.5	21.5	21.2	22.2	23.1
	12H	28.6	29.5	29.3	30.3	31.1	20.5	21.5	21.3	22.2	23.1
4H	2H	21.1	22.1	21.7	22.8	23.6	19.3	20.4	20.0	21.0	21.9
	3H	24.0	24.9	24.7	25.7	26.5	21.0	21.9	21.7	22.6	23.5
	4H	25.7	26.5	26.4	27.3	28.2	21.7	22.5	22.4	23.3	24.2
	6H	27.6	28.4	28.4	29.1	30.1	22.2	23.0	23.0	23.7	24.7
	8H	28.7	29.4	29.5	30.2	31.1	22.4	23.1	23.2	23.9	24.8
	12H	30.0	30.7	30.8	31.5	32.4	22.5	23.1	23.3	23.9	24.9
8H	4H	26.0	26.7	26.7	27.4	28.4	22.8	23.5	23.6	24.3	25.2
	6H	28.2	28.8	29.0	29.6	30.6	23.7	24.3	24.5	25.1	26.1
	8H	29.5	30.0	30.3	30.9	31.9	24.1	24.6	24.9	25.4	26.5
	12H	31.1	31.6	31.9	32.4	33.4	24.4	24.8	25.2	25.7	26.7
12H	4H	26.0	26.6	26.7	27.4	28.4	23.2	23.8	24.0	24.6	25.6
	6H	28.3	28.8	29.1	29.6	30.6	24.3	24.9	25.2	25.7	26.7
	8H	29.7	30.2	30.5	31.0	32.0	24.9	25.4	25.8	26.2	27.3
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 / - 0.2				
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 1378 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.1$)
 Area: 0.02594 m²

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-16

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:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	25	44	32	25	41	31	24	18
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	49	40	59	47	39	55	47	38	28
1.25	68	56	47	66	54	46	60	51	44	33
1.50	74	61	53	70	59	51	64	55	48	36
2.00	81	70	61	77	67	59	70	62	55	42
2.50	86	75	67	81	72	65	74	66	60	45
3.00	89	80	72	85	76	70	77	70	64	48
4.00	94	86	79	89	82	76	80	75	70	52
5.00	97	90	84	92	86	80	83	78	73	55
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:2022-12-16

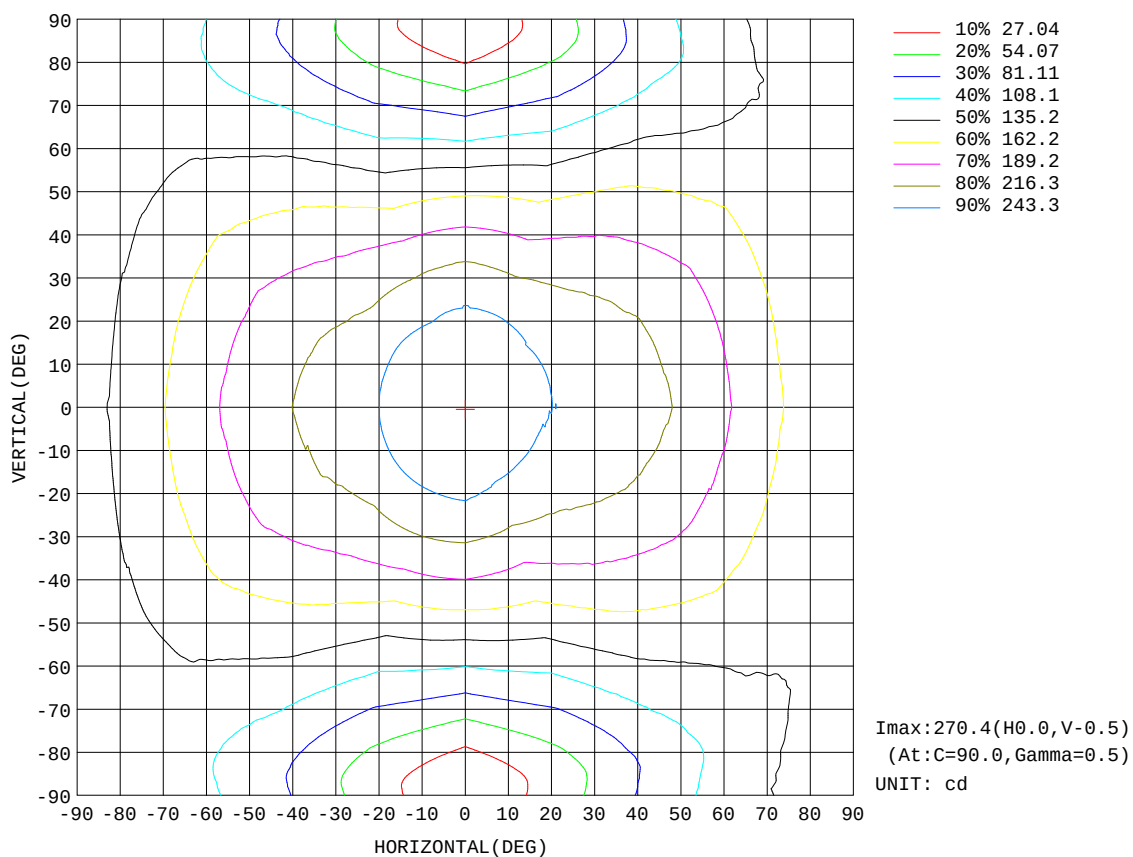
Checker: Near Gao

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

ISOCANDELA DIAGRAM

Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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:2022-12-16

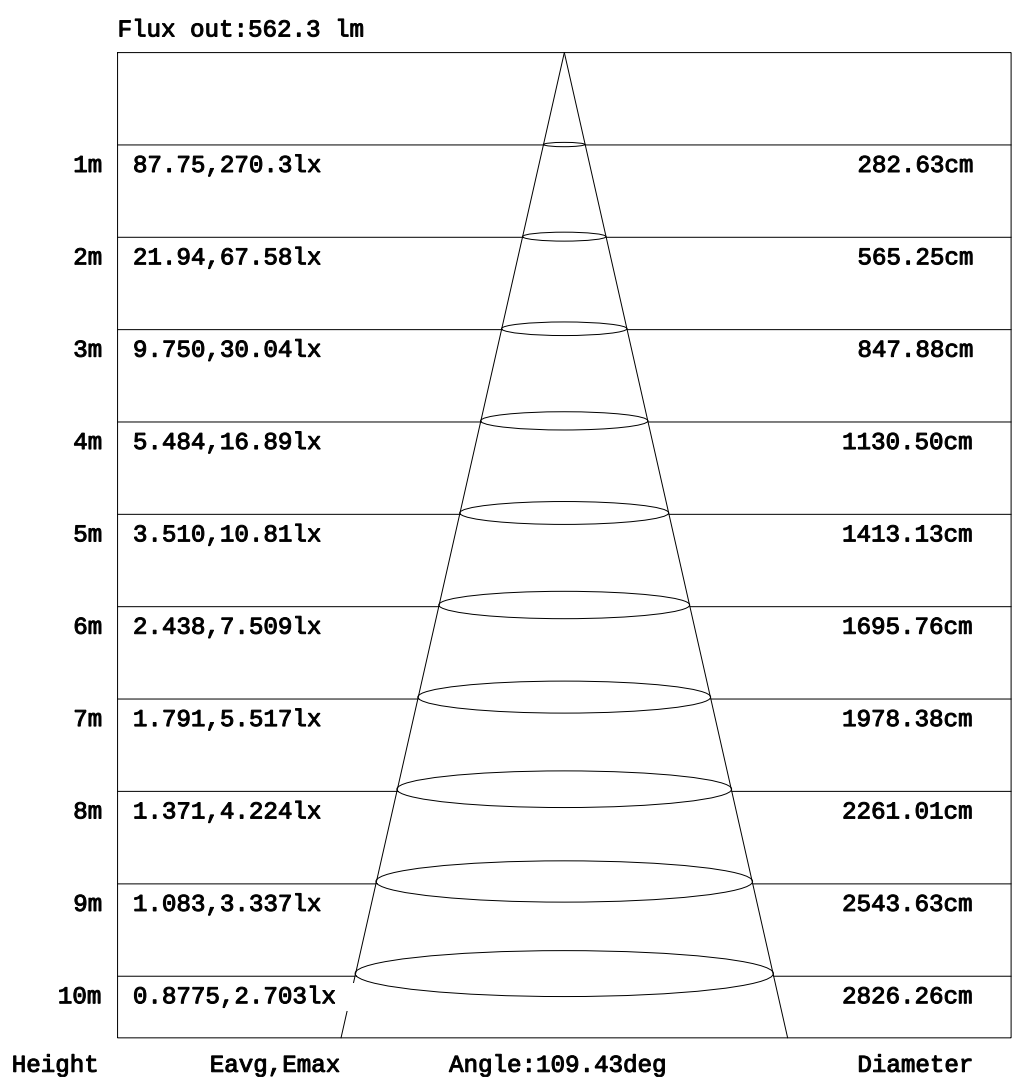
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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:2022-12-16

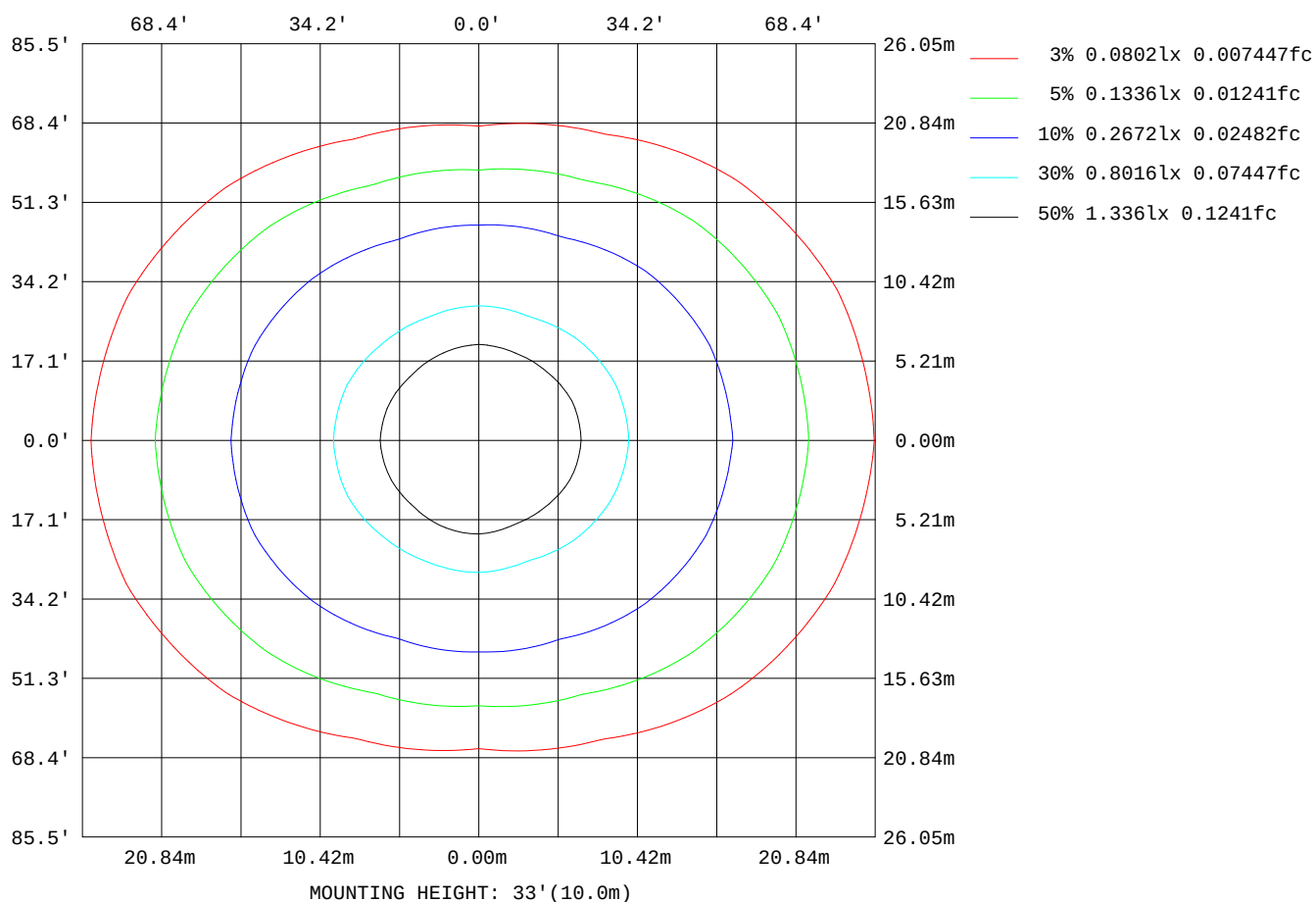
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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: 2022-12-16

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

LED Avg.L Report

Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	16201
L_0~180(75)av	23116
L_0~180(85)av	61852
L_90~270(65)av	8166
L_90~270(75)av	6612
L_90~270(85)av	3127
L_45(65)av	12908
L_45(75)av	16817
L_45(85)av	40453

Standard: GB/T 29293-2012

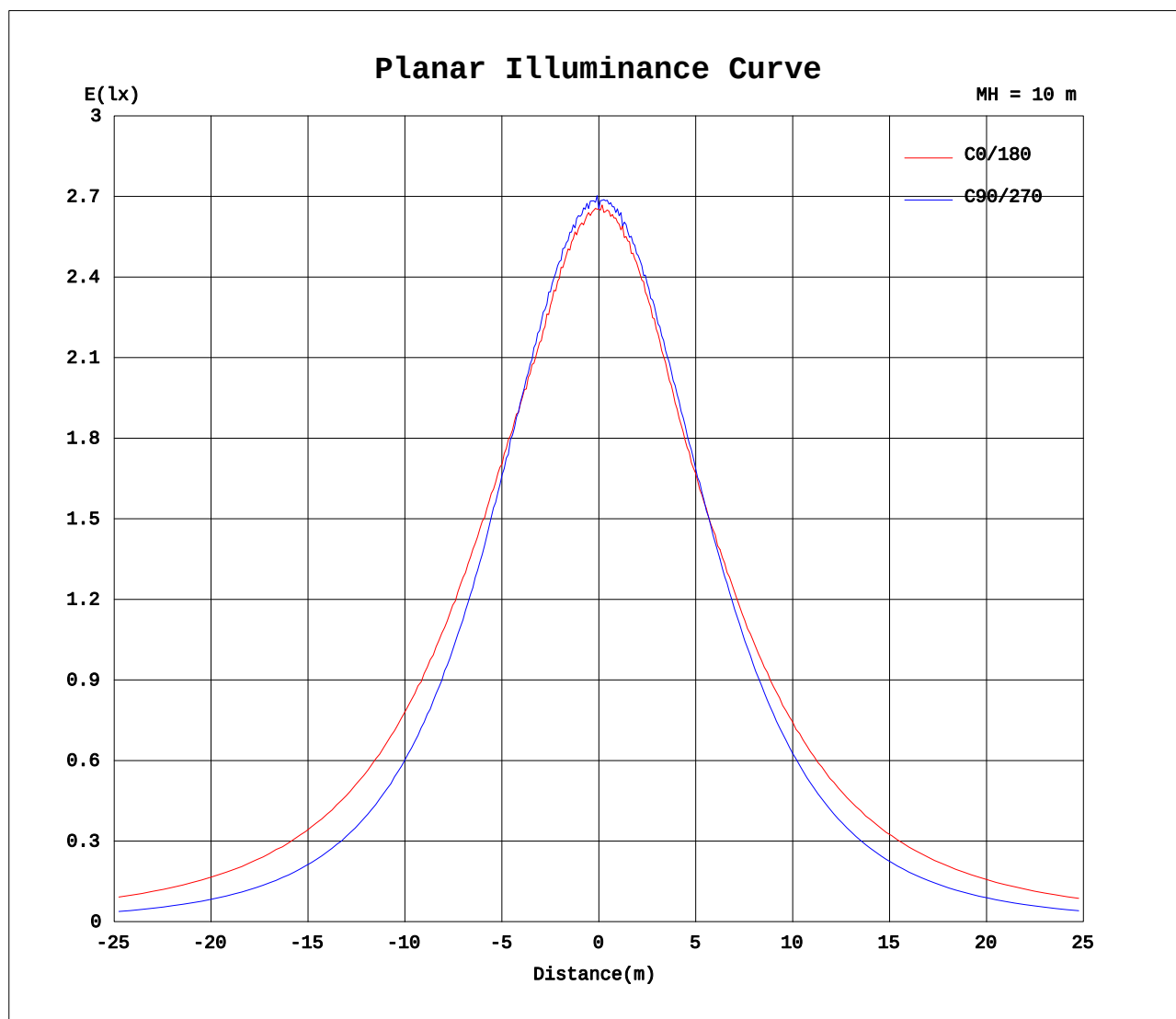
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.11V I:0.1949A P:23.270W PF:0.9942 Freq:60.00Hz Lamp Flux:1378.18x1 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	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265			
5	263	262	262	262	266	266	265	265	265	264	263	263	267	267	265	264			
10	257	257	257	257	263	262	261	261	261	260	260	260	264	263	260	259			
15	251	250	249	250	255	255	254	253	254	254	254	254	258	257	254	252			
20	244	241	239	241	246	246	245	244	243	244	245	246	251	248	243	244			
25	241	236	228	229	234	234	233	232	235	233	234	235	239	237	235	239			
30	237	231	220	215	221	221	218	225	228	226	220	222	227	224	226	235			
35	233	226	211	199	205	205	207	218	223	219	208	208	212	208	218	229			
40	228	218	202	184	189	189	196	211	217	212	198	192	196	192	208	224			
45	221	211	191	169	170	171	186	203	210	204	188	174	177	177	200	215			
50	212	201	180	153	151	153	175	195	201	195	177	157	158	162	188	207			
55	203	192	167	137	130	135	164	185	193	186	165	140	137	145	177	197			
60	193	180	154	120	109	119	151	175	183	175	152	123	116	128	163	187			
65	182	168	139	103	86.5	102	138	164	173	163	139	106	92.6	111	150	174			
70	170	155	125	85.5	64.1	84.6	125	152	161	151	124	87.8	69.5	93.2	135	162			
75	160	143	110	68.3	42.0	68.3	111	140	150	138	110	70.8	46.7	75.5	120	150			
80	150	132	98.1	53.5	22.1	53.6	98.7	129	139	127	96.7	55.0	25.6	59.8	108	140			
85	147	128	90.1	42.3	5.91	42.8	90.1	121	132	118	86.6	42.7	8.23	47.4	99.1	134			
90	151	132	93.9	42.7	0.35	42.3	91.0	124	134	119	85.3	38.8	0.44	46.0	102	139			
95	155	135	95.8	44.9	0.45	46.0	95.0	129	140	124	89.3	42.6	0.64	48.4	104	141			
100	156	137	97.7	46.7	1.53	46.8	98.6	132	143	127	92.3	44.9	1.41	50.3	106	143			
105	156	137	97.8	42.6	2.80	43.5	100	134	146	129	94.7	41.1	2.39	47.3	106	142			
110	153	134	96.9	35.8	4.12	38.6	94.3	133	145	129	90.1	35.4	3.41	41.3	105	140			
115	149	131	87.2	28.0	5.41	33.1	86.0	124	138	121	82.2	29.2	4.43	33.9	94.5	136			
120	138	118	75.4	22.6	6.64	30.5	76.3	113	126	110	72.5	24.4	5.44	29.3	81.8	124			
125	121	103	62.6	20.6	7.83	29.2	65.4	99.8	113	96.4	62.4	23.2	6.35	27.0	68.3	107			
130	103	86.2	49.8	15.6	8.90	27.8	54.3	85.3	97.4	83.4	51.5	21.5	7.21	24.8	54.4	89.8			
135	83.3	69.4	38.1	13.6	9.84	26.3	45.2	71.2	82.6	69.1	42.0	21.4	7.94	22.5	42.4	72.0			
140	64.9	53.2	34.2	15.6	10.6	25.4	42.1	57.6	66.4	55.8	38.6	21.8	8.51	20.6	37.4	55.5			
145	48.3	42.7	30.7	16.7	11.5	24.5	39.0	49.4	53.5	47.4	35.7	20.5	8.96	18.8	30.5	44.4			
150	42.2	37.7	27.7	16.5	12.8	23.6	35.7	44.5	48.0	42.8	33.0	18.1	10.1	17.1	27.1	38.7			
155	36.3	32.6	24.7	16.3	14.1	22.5	32.5	39.5	42.5	38.2	27.7	15.4	11.8	16.2	25.3	33.2			
160	30.2	27.5	21.0	16.4	15.8	20.3	29.2	34.6	37.0	32.5	27.0	16.8	13.2	16.5	22.5	27.9			
165	24.3	22.6	18.9	15.8	17.1	20.3	25.6	29.4	30.5	28.2	21.9	16.7	15.2	16.3	19.9	22.9			
170	20.3	18.8	17.8	13.1	15.8	18.6	20.5	23.5	23.1	21.4	19.3	13.6	13.0	13.6	17.2	19.6			
175	15.7	13.7	9.31	10.4	12.1	13.0	13.6	17.2	19.0	19.0	8.13	8.51	9.30	10.2	11.0	14.4			
180	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95			

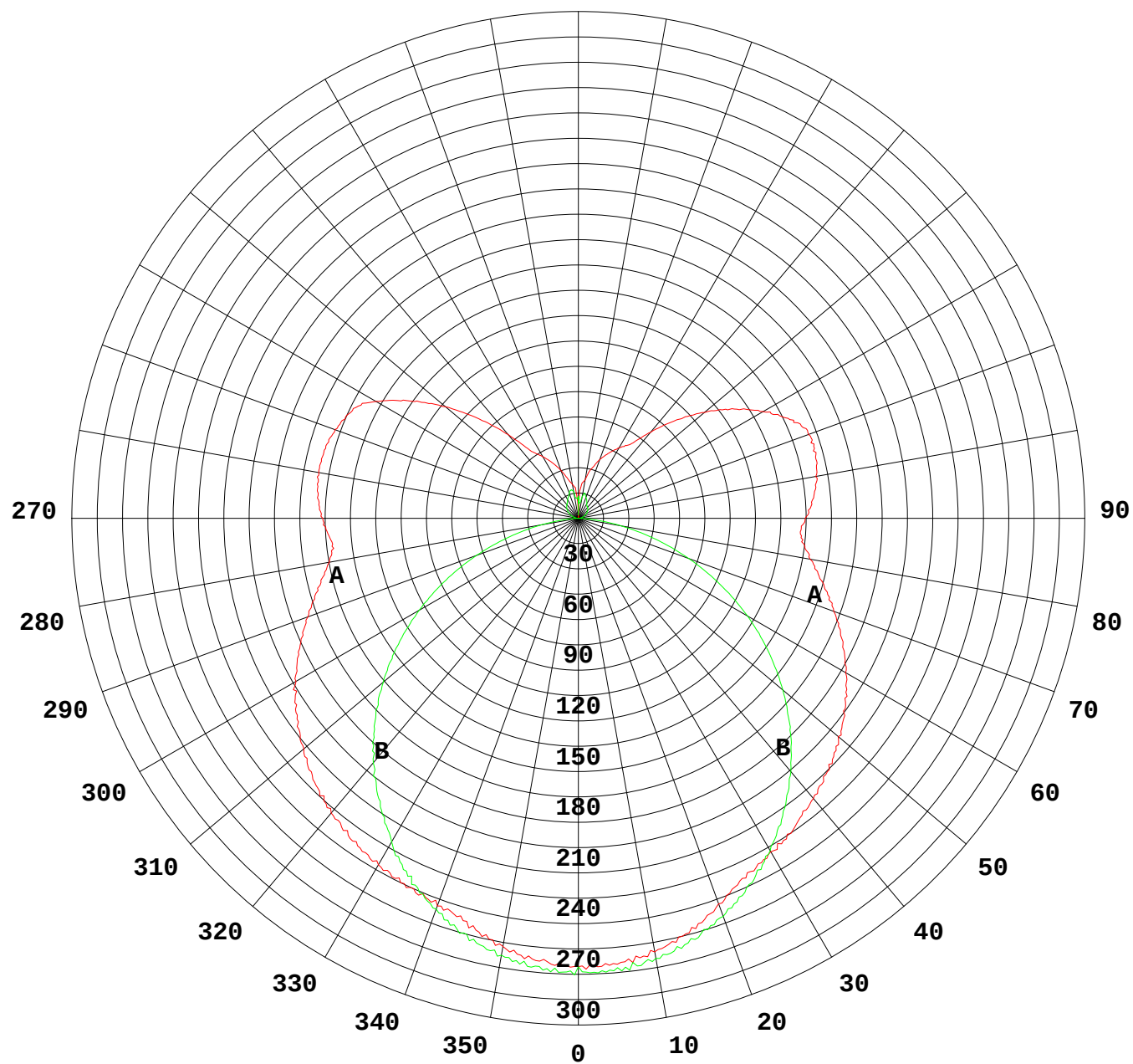
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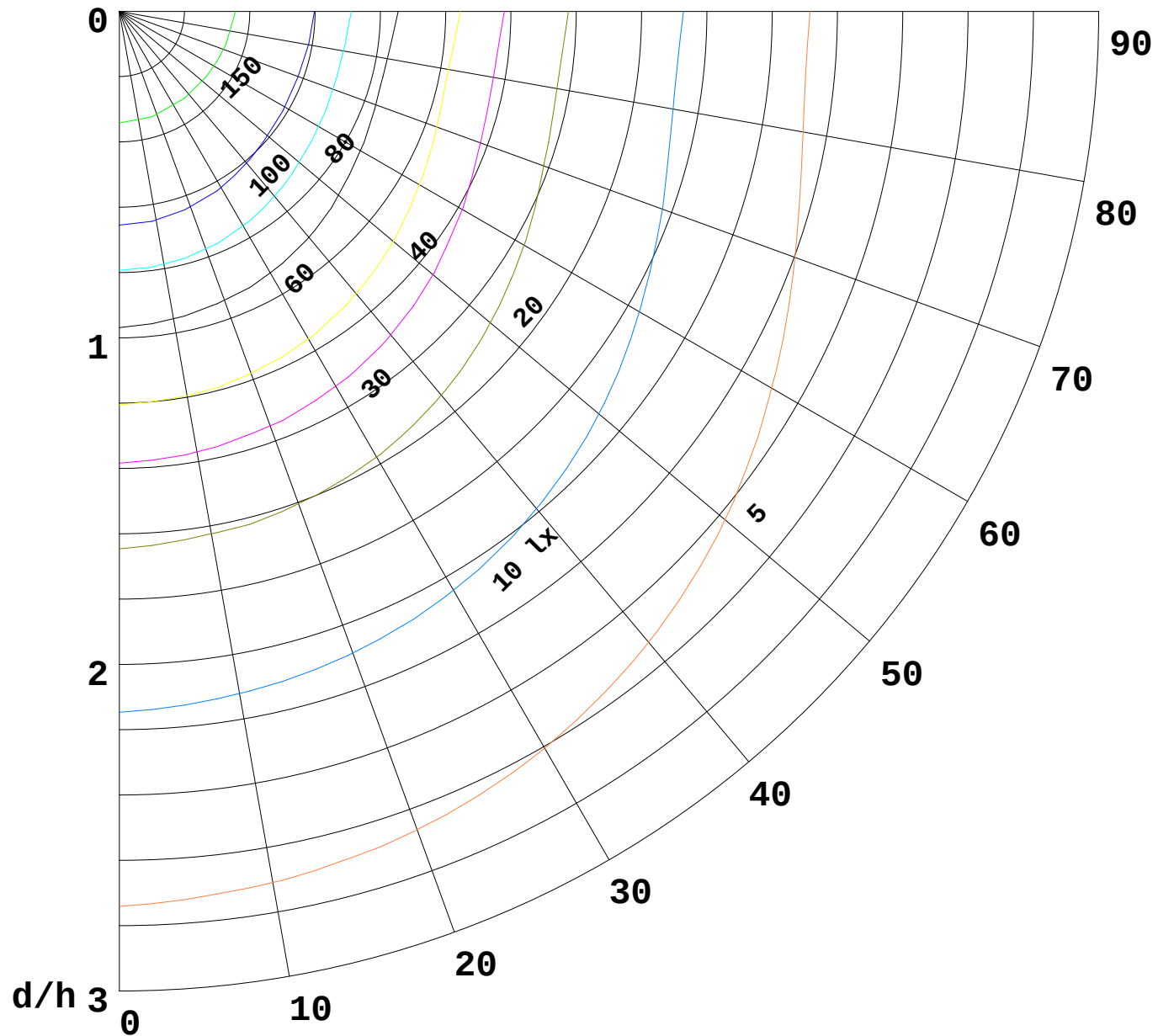
Assessor: Akin Xu

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

