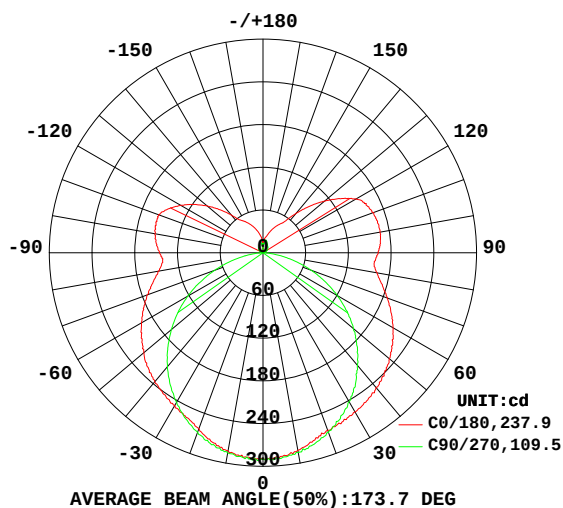


LUMINAIRE PHOTOMETRIC TEST REPORT

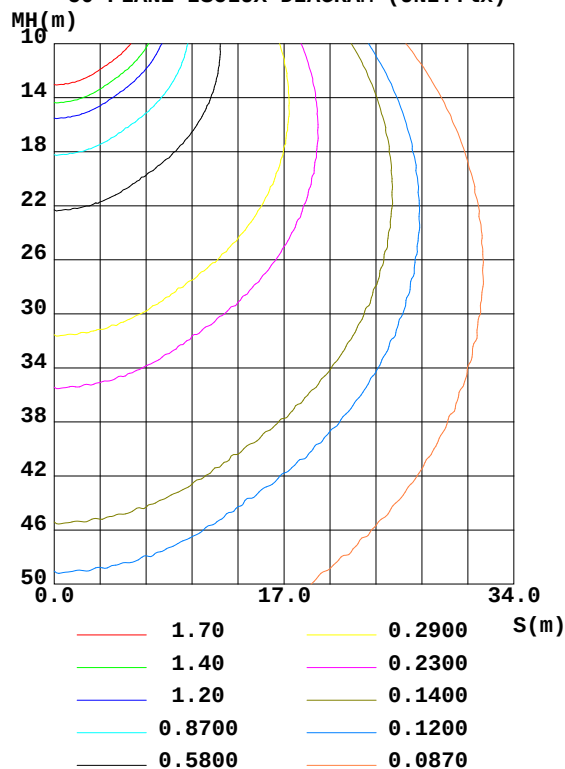
Test:U:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.30 lm/W			
MODEL	26-24-25S-952C5-MVTD-BK	Imax(cd)	291.9	S/MH(C0/180)	1.30
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1489.7	η UP, DN(C0-180)	14.6, 35.6
NOMINAL FLUX(lm)	1489.69	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	14.3, 35.5
LAMPS INSIDE	1	η up(%)	28.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	71.1	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	281.7	282.3	284.9	284.7	282.5	283.7	285.3	283.7	0- 10	27.35	27.35	1.84,1.84
20	265.4	263.5	268.6	265.5	263.2	265.9	268.3	265.3	10- 20	77.79	105.1	7.06,7.06
30	258.4	243.4	242.0	239.0	247.6	239.3	242.6	244.3	20- 30	117.9	223.0	15,15
40	246.9	223.9	206.6	214.3	236.3	214.9	208.8	225.1	30- 40	146.3	369.4	24.8,24.8
50	231.7	199.6	166.0	191.0	218.4	190.9	167.9	202.9	40- 50	161.1	530.5	35.6,35.6
60	210.8	171.6	120.6	164.2	197.1	163.2	122.1	175.1	50- 60	161.2	691.7	46.4,46.4
70	186.2	139.3	72.18	134.2	172.9	132.4	72.22	144.0	60- 70	146.8	838.5	56.3,56.3
80	162.8	109.0	25.85	105.4	149.0	102.3	25.59	115.0	70- 80	121.6	960.0	64.4,64.4
90	162.2	102.0	0.3251	97.41	145.8	92.04	0.4073	107.5	80- 90	99.71	1060	71.1,71.1
100	167.0	107.0	1.329	105.1	154.1	99.52	1.571	112.6	90-100	101.5	1161	78,78
110	165.3	106.5	3.957	99.06	156.3	95.31	3.712	111.6	100-110	100.3	1262	84.7,84.7
120	151.3	85.18	6.573	79.44	133.5	75.88	5.941	88.17	110-120	85.01	1347	90.4,90.4
130	112.9	57.48	8.886	55.86	102.6	53.29	7.937	59.52	120-130	61.07	1408	94.5,94.5
140	72.26	37.95	10.74	43.86	69.35	40.17	9.337	39.44	130-140	37.85	1445	97,97
150	46.13	30.93	12.84	37.20	50.37	34.86	11.46	30.73	140-150	22.41	1468	98.5,98.5
160	33.37	24.03	16.09	30.17	38.79	27.97	14.14	24.80	150-160	13.61	1482	99.5,99.5
170	22.36	19.33	16.87	19.96	26.21	21.66	13.48	18.91	160-170	6.667	1488	99.9,99.9
180	2.419	2.419	2.419	2.419	2.417	2.417	2.417	2.417	170-180	1.500	1490	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 448.97 lm

%lum = 30.1%

%lamp = 30.1%

Conical surface Flux(120deg): 691.67 lm

%lum = 46.4%

%lamp = 46.4%

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

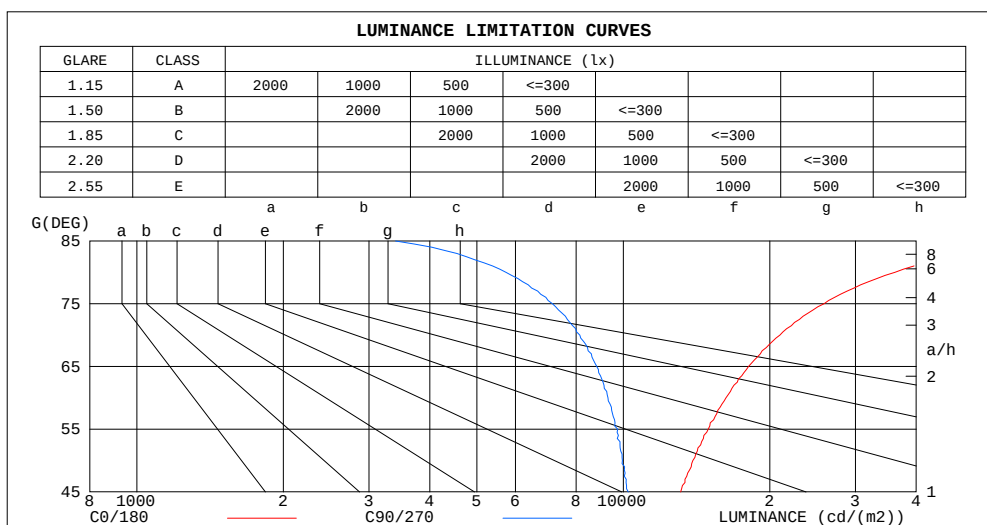
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	69465	3403
80	36143	5740
75	25864	7152
70	20985	8135
65	18083	8818
60	16255	9300
55	14948	9738
50	13895	9953
45	13114	10239

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

Checker: Near Gao

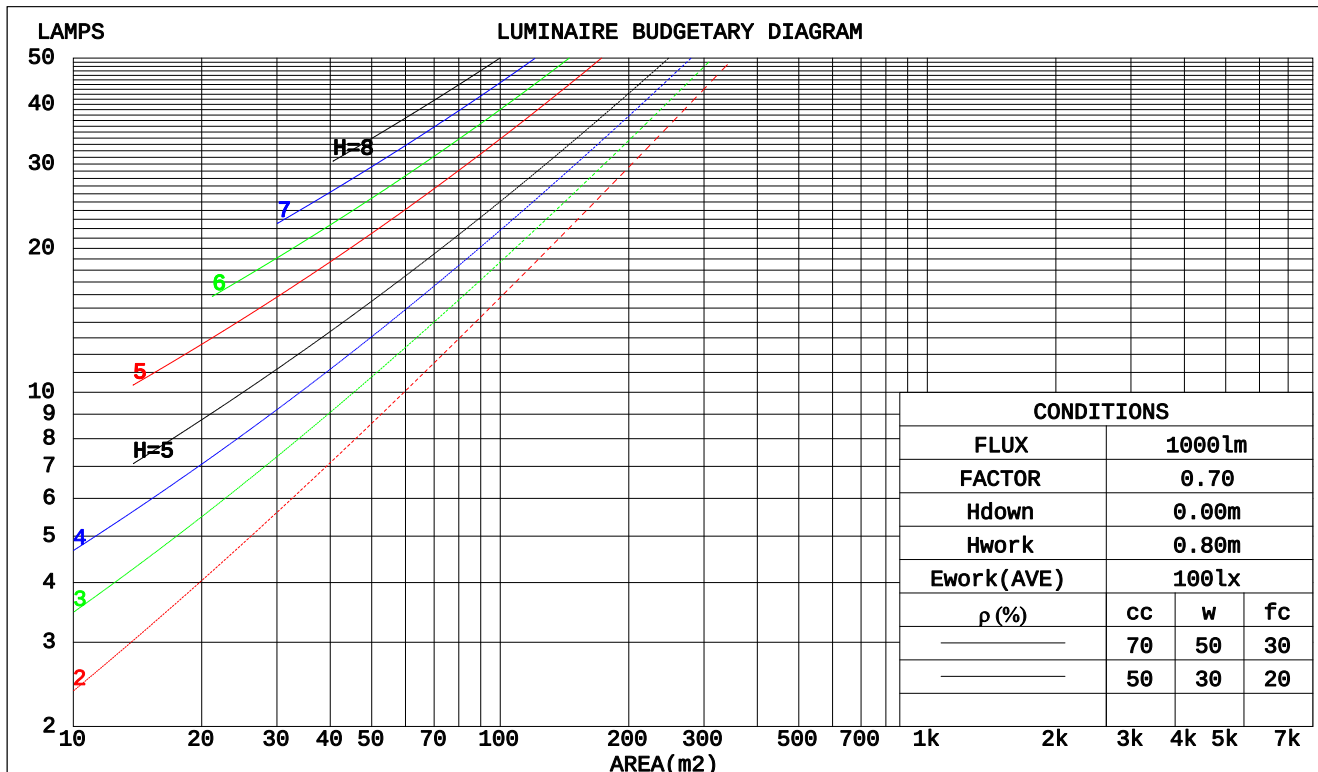
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 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						Coefficients of Utilization(CU)									
0.0	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.76	.76	.76	.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	.58	.60	.56	.52	.53	.50	.47	.43
3.0	.70	.61	.54	.66	.58	.52	.59	.52	.47	.52	.47	.43	.46	.42	.39	.35
4.0	.61	.52	.45	.58	.50	.43	.52	.45	.40	.46	.41	.36	.41	.36	.33	.29
5.0	.54	.45	.38	.52	.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	.22
7.0	.44	.35	.29	.42	.34	.28	.38	.31	.26	.34	.28	.23	.30	.25	.21	.19
8.0	.40	.31	.25	.38	.30	.25	.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	.21	.17	.15
10.0	.33	.26	.20	.32	.25	.20	.29	.23	.18	.26	.21	.17	.24	.19	.15	.14



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:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 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	.370	.210	.067	.354	.202	.064	.324	.186	.059	.297	.171	.055	.271	.157	.051	
2.0	.321	.176	.054	.307	.169	.052	.280	.156	.048	.255	.143	.045	.232	.131	.041	
3.0	.286	.152	.046	.273	.146	.044	.248	.135	.041	.226	.124	.038	.204	.113	.035	
4.0	.258	.134	.039	.246	.129	.038	.224	.119	.035	.203	.109	.033	.184	.100	.030	
5.0	.235	.120	.035	.224	.115	.034	.204	.106	.031	.185	.097	.029	.167	.089	.027	
6.0	.216	.108	.031	.206	.104	.030	.187	.096	.028	.169	.088	.026	.153	.081	.024	
7.0	.199	.099	.028	.190	.095	.027	.173	.087	.025	.157	.080	.023	.141	.073	.022	
8.0	.185	.090	.025	.177	.087	.025	.161	.080	.023	.146	.074	.021	.131	.067	.020	
9.0	.173	.083	.023	.165	.080	.023	.150	.074	.021	.136	.068	.020	.123	.062	.018	
10.0	.162	.078	.022	.154	.075	.021	.141	.069	.019	.128	.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	.410	.410	.410	.351	.351	.351	.239	.239	.239	.138	.138	.138	.044	.044	.044	
1.0	.406	.377	.351	.348	.324	.302	.238	.223	.209	.137	.129	.122	.044	.041	.039	
2.0	.399	.355	.318	.342	.306	.275	.234	.211	.192	.135	.123	.112	.043	.040	.037	
3.0	.392	.339	.296	.336	.292	.257	.231	.203	.180	.133	.119	.106	.043	.039	.035	
4.0	.384	.327	.282	.330	.282	.245	.227	.197	.173	.131	.115	.102	.042	.038	.034	
5.0	.377	.317	.273	.324	.274	.237	.223	.192	.167	.129	.112	.099	.042	.037	.033	
6.0	.370	.309	.266	.318	.268	.231	.219	.187	.164	.127	.110	.097	.041	.036	.032	
7.0	.363	.303	.261	.312	.262	.227	.216	.184	.161	.125	.108	.096	.041	.035	.032	
8.0	.357	.297	.257	.307	.258	.224	.212	.181	.159	.124	.107	.095	.040	.035	.031	
9.0	.351	.293	.254	.302	.254	.221	.209	.179	.157	.122	.105	.094	.039	.035	.031	
10.0	.345	.289	.251	.297	.251	.219	.206	.176	.156	.120	.104	.093	.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:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 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	21.0	22.2	21.6	22.8	23.6	18.6	19.8	19.2	20.5	21.2
	3H	23.6	24.8	24.3	25.4	26.2	20.1	21.2	20.7	21.9	22.7
	4H	25.1	26.2	25.8	26.9	27.7	20.6	21.7	21.3	22.4	23.2
	6H	26.8	27.8	27.5	28.5	29.4	21.0	22.0	21.7	22.7	23.6
	8H	27.7	28.7	28.5	29.4	30.3	21.1	22.1	21.8	22.8	23.7
	12H	28.9	29.8	29.6	30.5	31.4	21.1	22.1	21.9	22.8	23.7
4H	2H	21.5	22.5	22.1	23.2	24.0	19.8	20.8	20.5	21.5	22.4
	3H	24.4	25.3	25.1	26.0	26.9	21.5	22.4	22.2	23.1	24.0
	4H	26.1	26.9	26.8	27.7	28.6	22.2	23.1	23.0	23.8	24.7
	6H	27.9	28.7	28.7	29.5	30.4	22.8	23.5	23.6	24.3	25.3
	8H	29.0	29.7	29.8	30.5	31.5	23.0	23.7	23.7	24.5	25.4
	12H	30.3	31.0	31.1	31.8	32.7	23.1	23.7	23.9	24.5	25.5
8H	4H	26.3	27.0	27.1	27.8	28.8	23.3	24.0	24.1	24.8	25.8
	6H	28.5	29.1	29.3	29.9	30.9	24.3	24.8	25.1	25.7	26.7
	8H	29.8	30.4	30.7	31.2	32.2	24.6	25.2	25.5	26.0	27.0
	12H	31.4	31.9	32.2	32.7	33.7	24.9	25.4	25.8	26.3	27.3
12H	4H	26.3	27.0	27.1	27.8	28.8	23.7	24.3	24.5	25.1	26.1
	6H	28.6	29.2	29.4	30.0	31.0	24.9	25.4	25.7	26.2	27.2
	8H	30.0	30.5	30.9	31.3	32.4	25.5	25.9	26.3	26.8	27.8
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 / - 0.3				
2.0H		+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 1490 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.4$)
 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:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 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	26	44	32	25	41	31	25	18
0.80	54	41	33	52	40	33	49	38	31	23
1.00	62	49	40	59	47	39	55	47	38	28
1.25	69	56	47	66	54	46	60	51	44	33
1.50	74	61	53	70	59	51	64	55	48	37
2.00	81	70	61	77	67	59	70	62	56	42
2.50	86	75	67	82	72	65	74	66	60	45
3.00	89	80	72	85	77	70	77	70	64	49
4.00	94	86	79	89	82	76	81	75	70	53
5.00	97	90	84	92	86	81	83	78	74	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

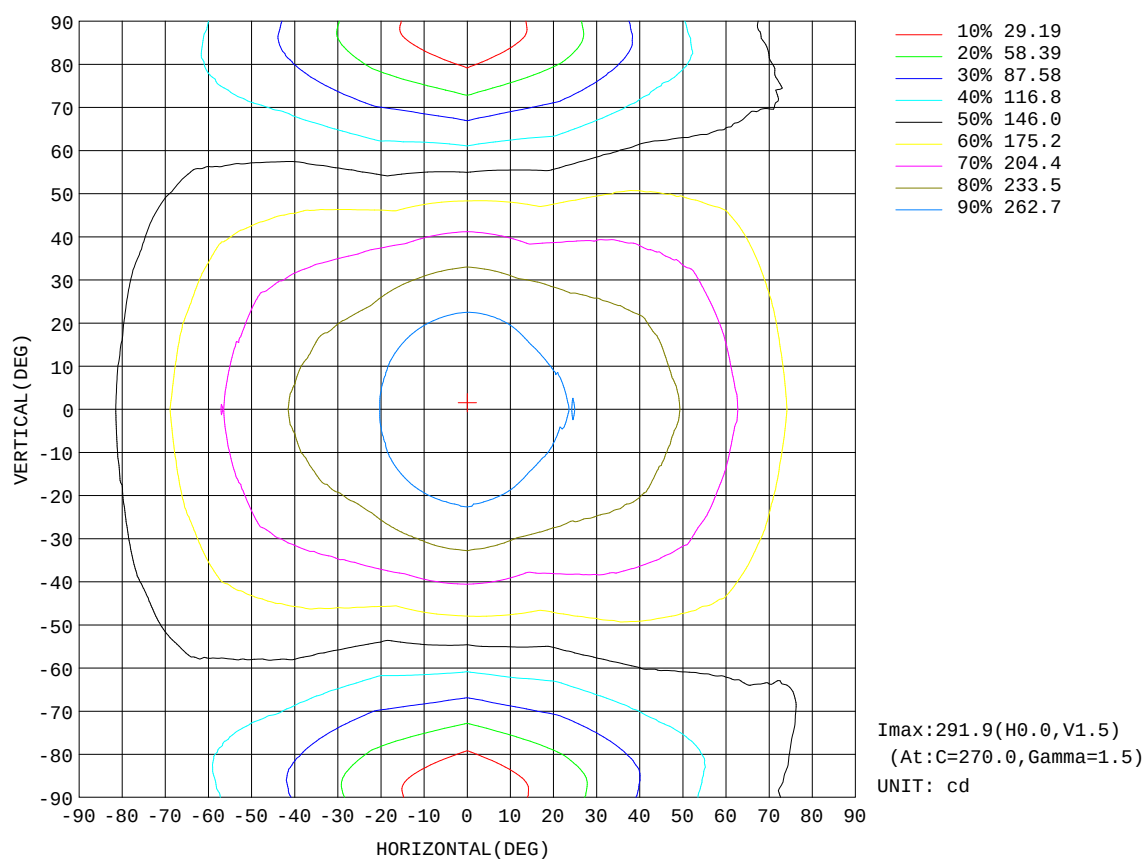
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 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

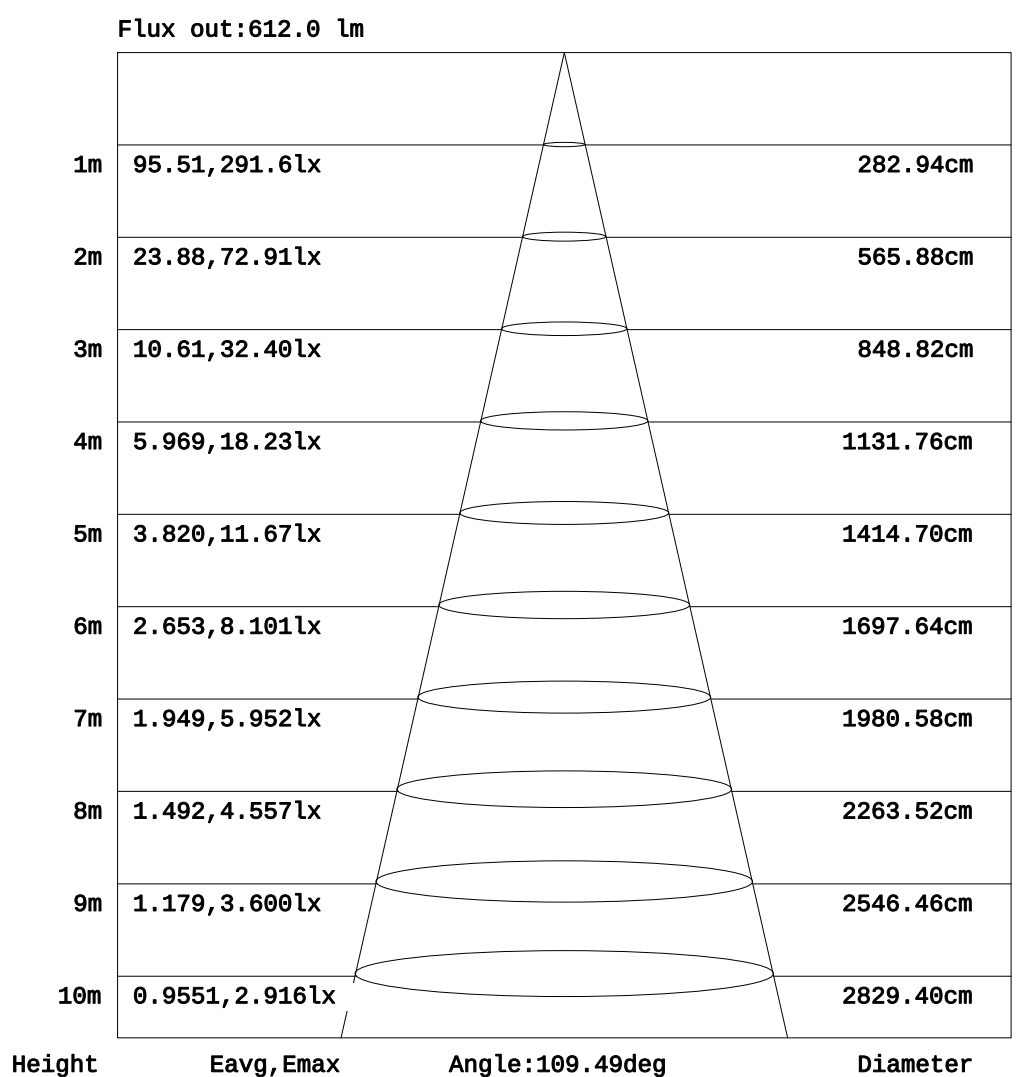
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 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

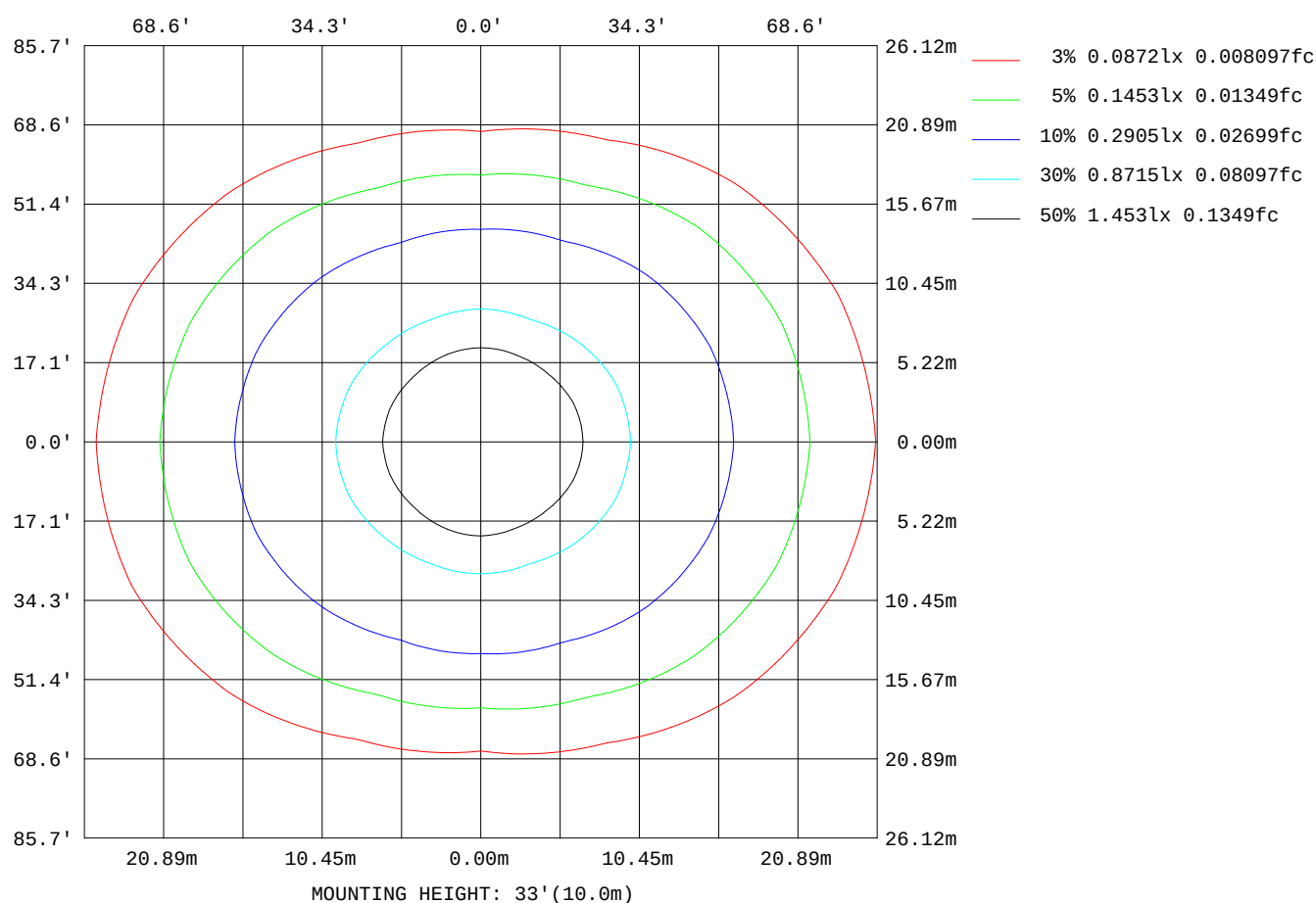
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 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

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:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	17505
L_0~180(75)av	24850
L_0~180(85)av	66053
L_90~270(65)av	8823
L_90~270(75)av	7127
L_90~270(85)av	3386
L_45(65)av	13978
L_45(75)av	18120
L_45(85)av	43128

Standard: GB/T 29293-2012

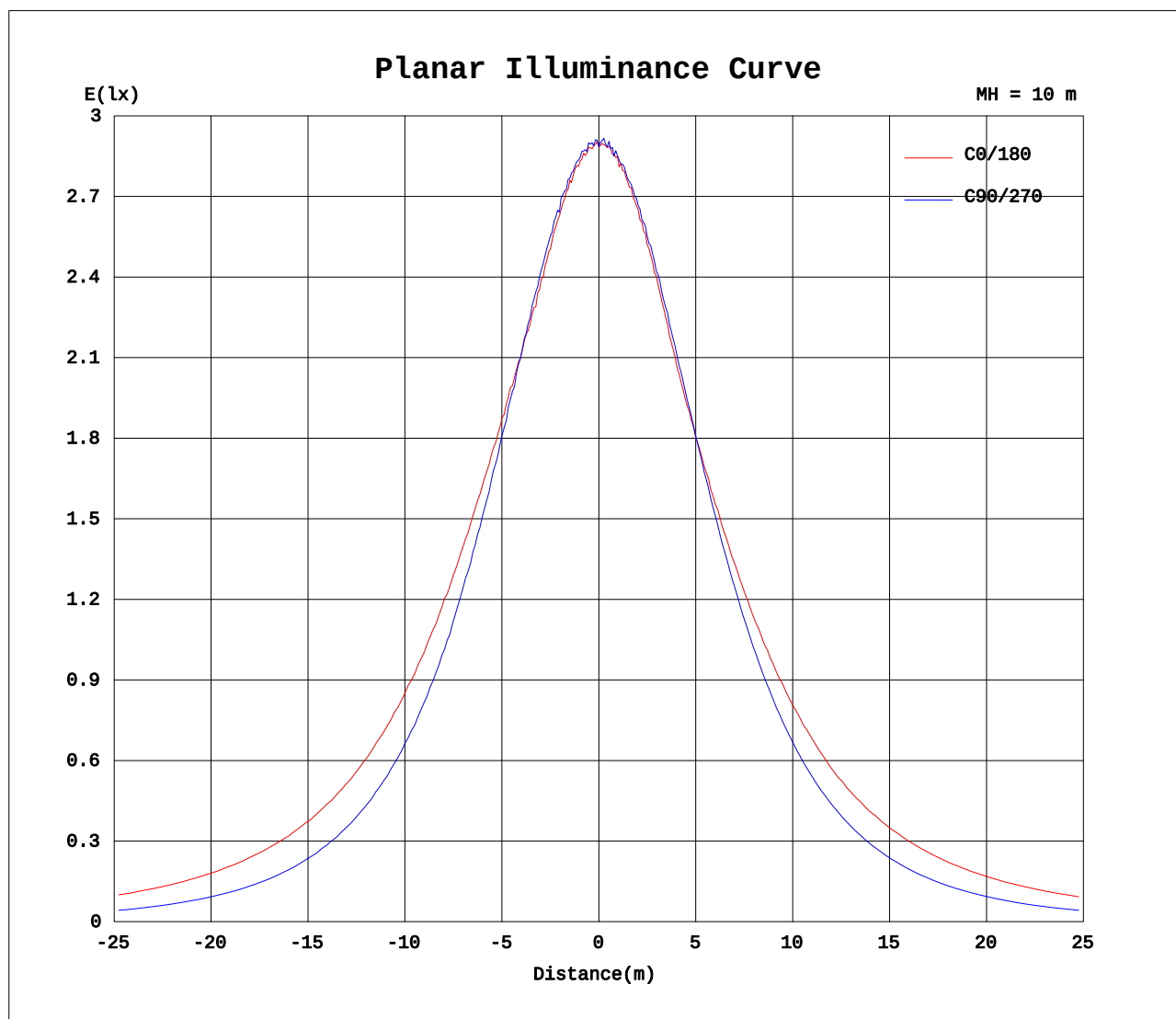
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
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 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

Planar Illuminance Curve



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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.2001A P:23.910W PF:0.9945 Freq:60.00Hz Lamp Flux:1489.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (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			
0	289	289	289	289	289	289	289	289	289	289	289	289	289	289	289	289			
5	287	288	287	288	290	289	288	289	288	288	288	288	290	289	288	288			
10	282	282	282	283	285	284	285	283	283	283	284	284	285	284	284	283			
15	273	274	274	276	278	277	276	275	275	276	276	277	279	278	276	275			
20	265	264	264	266	269	267	266	264	263	264	266	267	268	267	265	265			
25	263	259	251	254	257	256	253	253	255	253	253	255	257	255	253	260			
30	258	254	243	239	242	240	239	244	248	245	239	240	243	241	244	254			
35	254	248	233	222	226	224	226	237	243	238	227	224	227	225	235	249			
40	247	241	224	204	207	206	214	230	236	230	215	206	209	206	225	242			
45	241	233	211	188	188	187	203	221	228	221	204	187	189	190	214	234			
50	232	222	200	171	166	167	191	212	218	211	191	169	168	172	203	225			
55	222	210	186	154	145	149	177	200	209	200	178	150	146	155	189	214			
60	211	198	172	135	121	130	164	189	197	187	163	132	122	136	175	201			
65	198	185	155	116	96.7	112	149	176	186	175	148	113	96.8	117	160	189			
70	186	171	139	96.6	72.2	92.6	134	163	173	160	132	94.0	72.2	97.9	144	174			
75	174	157	123	78.1	48.0	74.5	119	149	160	147	117	74.6	47.7	79.2	128	161			
80	163	145	109	60.8	25.9	57.8	105	138	149	135	102	57.8	25.6	62.1	115	149			
85	157	138	98.9	48.1	7.69	45.5	95.2	130	142	126	91.4	44.8	7.62	49.2	105	143			
90	162	141	102	46.9	0.33	44.3	97.4	133	146	129	92.0	42.7	0.41	48.0	107	146			
95	166	146	104	49.7	0.34	48.4	101	138	150	134	96.7	46.2	0.79	50.9	110	150			
100	167	147	107	51.6	1.33	48.8	105	141	154	138	99.5	48.0	1.57	53.1	113	151			
105	166	147	107	48.8	2.60	45.1	106	143	156	139	102	43.3	2.57	49.8	113	152			
110	165	145	107	41.7	3.96	39.7	99.1	142	156	138	95.3	37.2	3.71	43.7	112	150			
115	159	142	97.8	33.5	5.31	33.9	89.9	131	147	128	86.6	30.2	4.84	36.2	101	146			
120	151	131	85.2	26.0	6.57	31.7	79.4	119	134	116	75.9	25.9	5.94	31.2	88.2	133			
125	132	114	71.3	23.9	7.80	30.3	68.0	104	118	102	64.8	23.7	6.93	28.9	73.9	117			
130	113	96.3	57.5	18.8	8.89	28.7	55.9	89.3	103	86.8	53.3	23.3	7.94	26.7	59.5	98.0			
135	92.5	78.1	44.1	15.3	9.92	27.3	47.3	73.6	85.8	71.7	43.8	23.1	8.86	24.3	46.3	79.6			
140	72.3	60.5	37.9	16.6	10.7	26.1	43.9	59.6	69.4	57.7	40.2	23.2	9.34	22.5	39.4	61.4			
145	54.2	47.1	34.4	18.1	11.5	25.1	40.5	52.0	56.3	50.3	37.7	22.5	9.89	20.1	33.0	48.4			
150	46.1	41.6	30.9	18.7	12.8	24.2	37.2	46.6	50.4	45.1	34.9	20.8	11.5	18.7	30.7	42.4			
155	39.8	36.0	27.6	18.2	14.3	23.0	33.8	41.3	44.8	40.3	32.1	21.1	12.4	18.4	28.5	36.5			
160	33.4	30.6	24.0	17.9	16.1	21.6	30.2	36.2	38.8	35.3	28.0	20.3	14.1	18.0	24.8	30.8			
165	26.9	25.1	20.8	17.4	18.1	20.2	26.1	30.7	32.5	30.0	24.8	18.7	16.6	17.8	21.9	25.4			
170	22.4	20.4	19.3	14.1	16.9	19.1	20.0	25.0	26.2	24.2	21.7	14.0	13.5	15.1	18.9	21.7			
175	17.2	14.8	9.94	10.8	12.2	13.2	14.0	18.5	18.9	19.1	9.56	9.53	10.3	11.2	12.1	16.0			
180	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42			

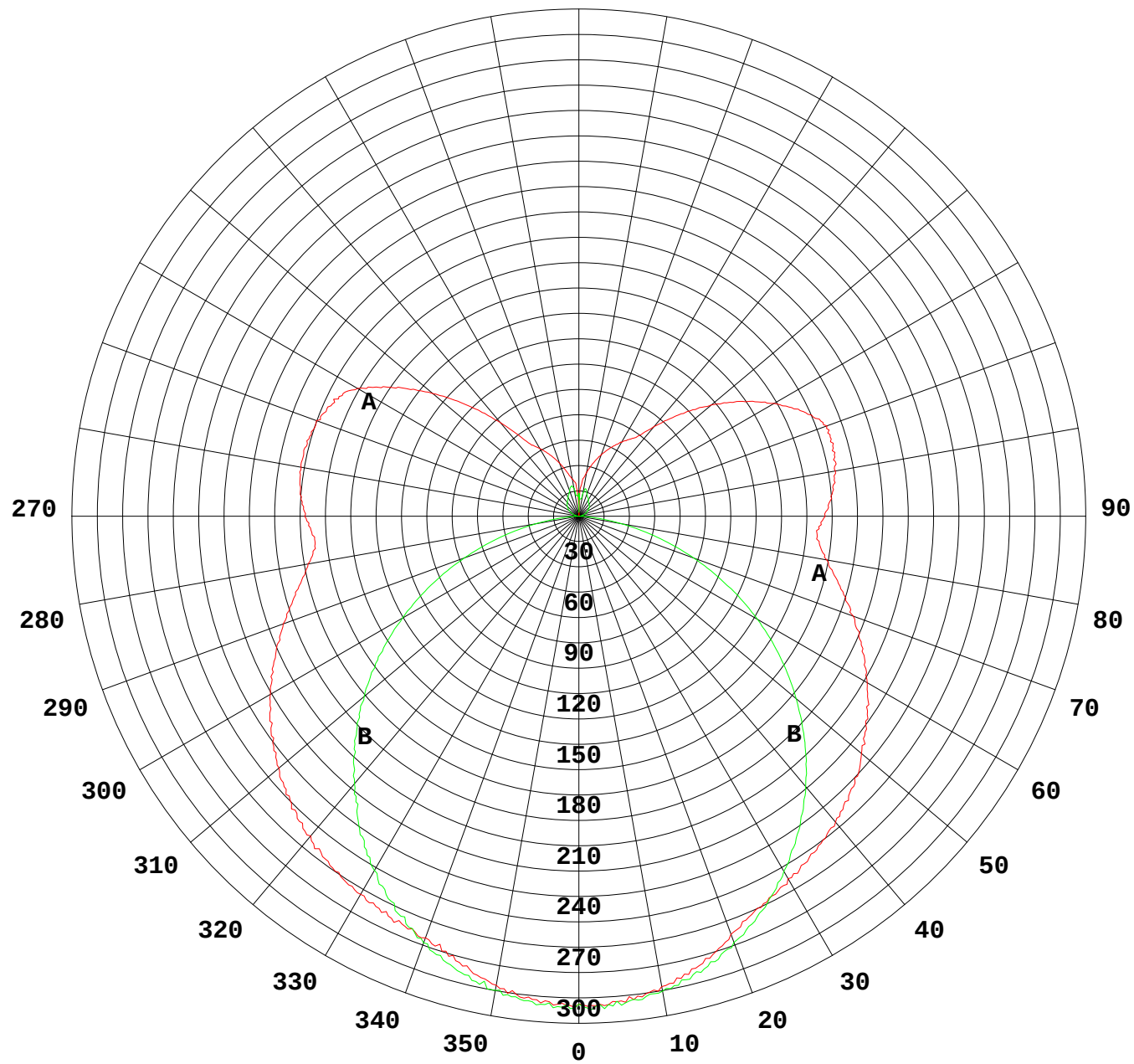
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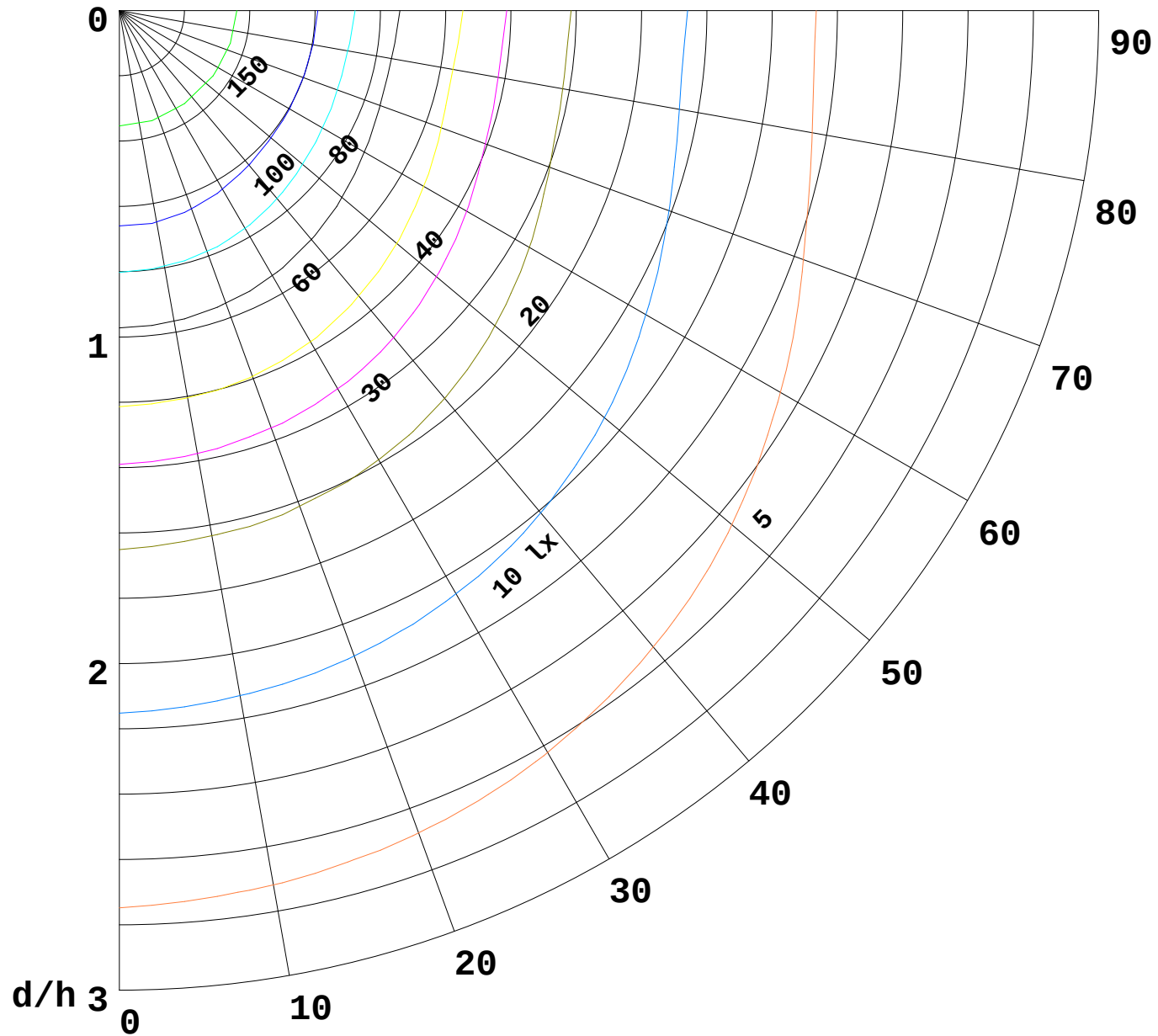
Checker: Near Gao

Assessor: Akin Xu

I(cd)



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

