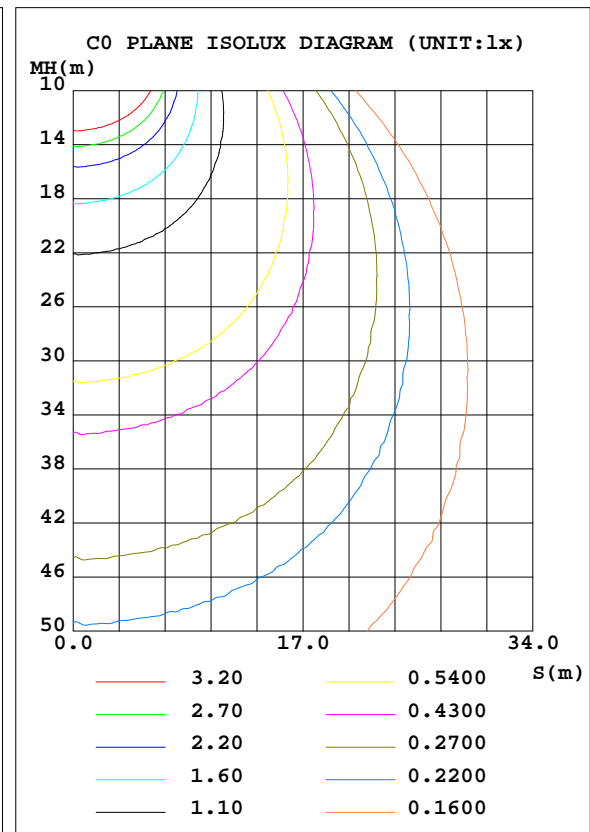
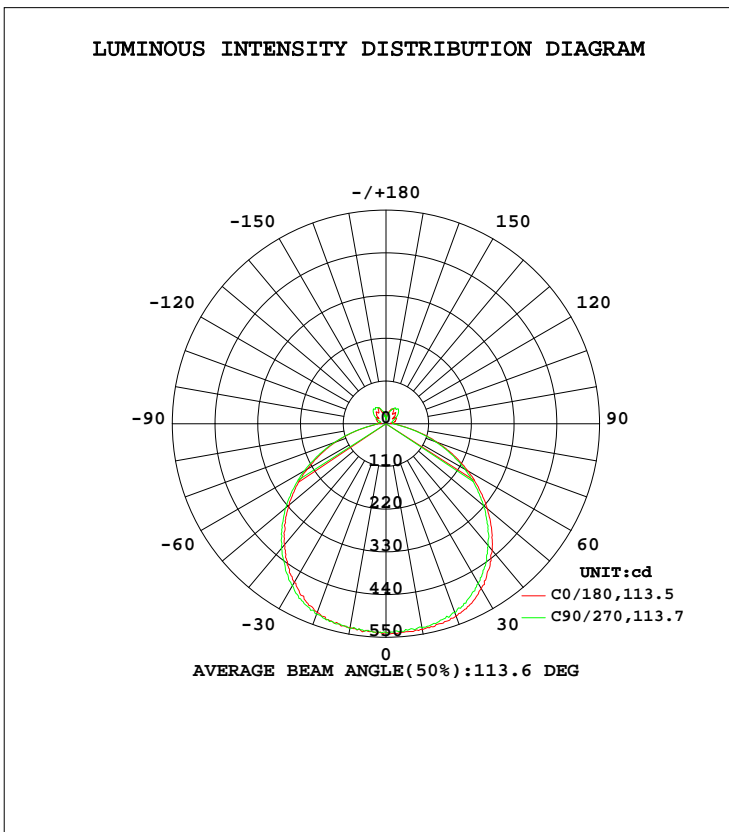


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.90 lm/W			
MODEL	KIL27P-26S-952C5-120D-WH	I _{max} (cd)	542.6	S/MH(C0/180)	1.30
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1756.7	η UP, DN(C0-180)	5.1,44.7
NOMINAL FLUX(lm)	1756.7	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	5.2,45.1
LAMPS INSIDE	1	η up(%)	10.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	89.7	CIBSE SHR MAX	1.35



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 GO-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	538.6	531.1	533.2	532.3	533.4	529.6	534.9	536.7	0- 10	51.06	51.06	2.91,2.91
20	526.9	521.1	517.4	515.6	516.9	516.2	522.6	523.6	10- 20	149.5	200.6	11.4,11.4
30	490.4	480.7	475.4	472.2	472.6	474.3	481.7	490.9	20- 30	231.9	432.5	24.6,24.6
40	425.6	414.3	411.7	405.8	406.6	408.9	418.7	426.1	30- 40	280.9	713.4	40.6,40.6
50	340.6	331.9	328.7	326.1	325.0	327.7	337.8	342.8	40- 50	289.0	1002	57.1,57.1
60	243.6	236.4	236.5	232.8	234.1	236.2	243.4	246.6	50- 60	256.1	1258	71.6,71.6
70	141.0	138.0	136.3	135.6	137.7	139.4	142.2	143.6	60- 70	186.7	1445	82.3,82.3
80	51.62	51.57	48.47	47.15	51.18	53.72	52.80	51.53	70- 80	97.58	1543	87.8,87.8
90	22.90	22.22	19.84	18.64	21.18	23.32	22.49	22.07	80- 90	33.91	1577	89.7,89.7
100	17.15	12.50	16.87	11.26	16.49	12.57	17.36	11.99	90-100	18.45	1595	90.8,90.8
110	26.60	22.76	17.46	19.67	25.04	23.42	16.12	23.10	100-110	18.65	1614	91.9,91.9
120	29.76	34.50	27.99	31.55	26.23	32.93	29.11	34.02	110-120	24.77	1638	93.3,93.3
130	25.10	44.16	41.04	41.78	27.29	42.11	42.04	42.95	120-130	30.40	1669	95,95
140	37.91	46.19	49.69	44.26	39.75	44.79	50.07	46.38	130-140	31.97	1701	96.8,96.8
150	39.85	44.88	47.19	42.85	37.59	43.06	48.19	45.62	140-150	25.96	1727	98.3,98.3
160	40.16	36.48	36.91	35.83	34.18	39.56	41.37	34.68	150-160	19.34	1746	99.4,99.4
170	23.50	25.10	21.88	26.09	24.43	23.49	24.21	16.30	160-170	8.858	1755	99.9,99.9
180	16.71	17.61	18.04	14.68	16.68	17.72	18.19	14.66	170-180	1.731	1757	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 859.42 lm

%lum = 48.9%
 %lamp = 48.9%

Conical surface Flux(120deg): 1258.4 lm

%lum = 71.6%
 %lamp = 71.6%

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

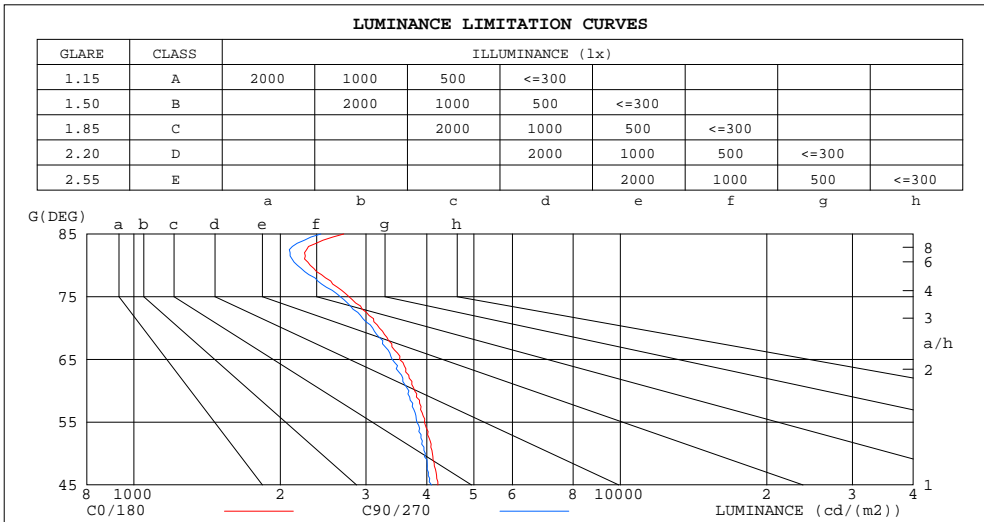
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2701	2422
80	2305	2169
75	2769	2658
70	3197	3097
65	3518	3398
60	3778	3675
55	3955	3818
50	4110	3974
45	4217	4089

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 GO-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

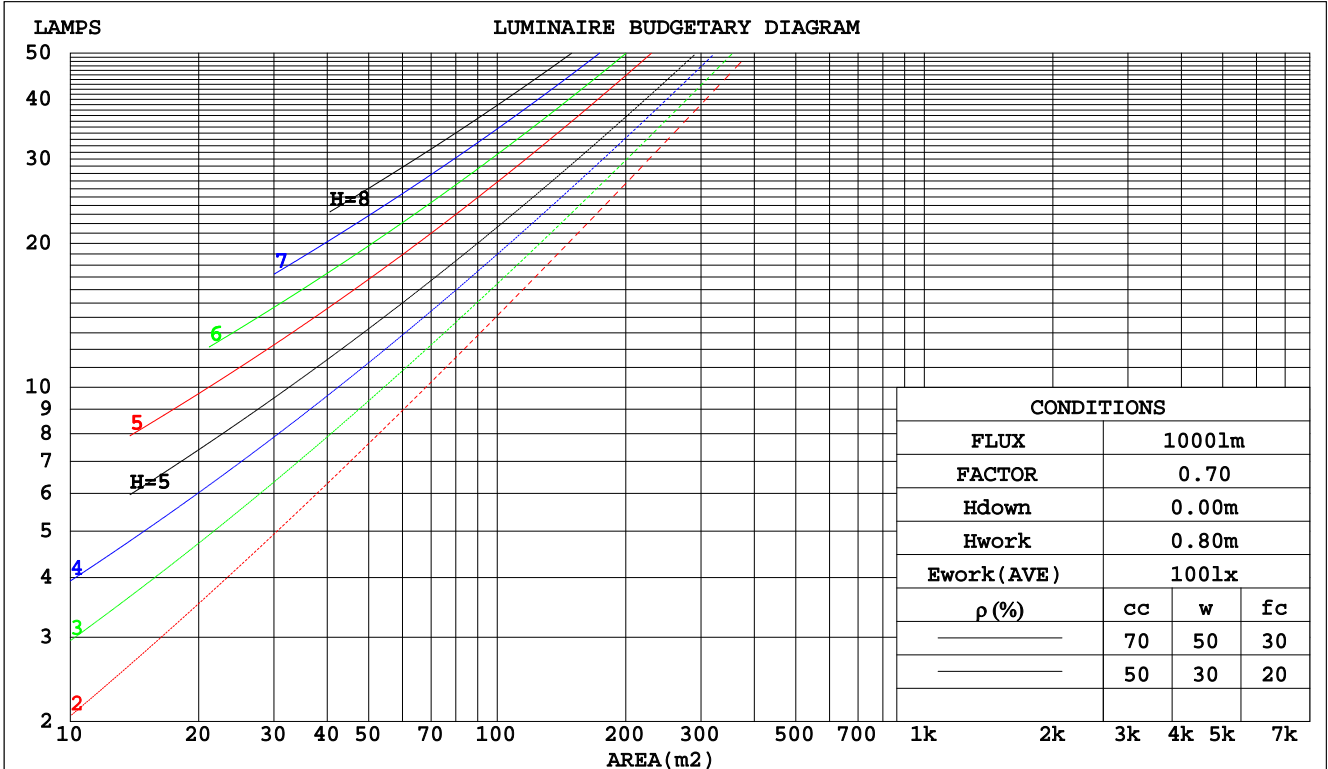
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz		
Lamp Flux:1756.7x1 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	1.17	1.17	1.17	1.13	1.13	1.13	1.05	1.05	1.05	.99	.99	.99	.93	.93	.93	.90
1.0	1.02	.98	.94	.99	.95	.91	.92	.89	.87	.87	.84	.82	.82	.80	.78	.75
2.0	.89	.82	.77	.86	.80	.75	.81	.76	.72	.76	.72	.68	.72	.68	.65	.63
3.0	.78	.70	.64	.76	.68	.62	.71	.65	.60	.67	.62	.58	.63	.59	.55	.53
4.0	.69	.60	.54	.67	.59	.53	.63	.57	.51	.60	.54	.49	.57	.52	.48	.45
5.0	.62	.53	.46	.60	.52	.46	.57	.50	.44	.54	.48	.43	.51	.46	.41	.39
6.0	.55	.47	.40	.54	.46	.40	.51	.44	.39	.48	.42	.37	.46	.41	.36	.34
7.0	.50	.42	.36	.49	.41	.35	.46	.39	.34	.44	.38	.33	.42	.36	.32	.30
8.0	.46	.37	.32	.45	.37	.31	.42	.35	.30	.40	.34	.30	.39	.33	.29	.27
9.0	.42	.34	.28	.41	.33	.28	.39	.32	.27	.37	.31	.27	.36	.30	.26	.24
10.0	.39	.31	.26	.38	.30	.25	.36	.29	.25	.34	.28	.24	.33	.28	.24	.22



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 GO-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:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz		
Lamp Flux:1756.7x1 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	.302	.172	.054	.292	.167	.053	.273	.157	.050	.256	.148	.047	.240	.139	.045	
2.0	.284	.155	.048	.275	.151	.047	.258	.143	.044	.242	.136	.042	.227	.129	.041	
3.0	.263	.140	.042	.255	.136	.041	.239	.130	.039	.225	.123	.038	.212	.117	.036	
4.0	.243	.126	.037	.236	.123	.036	.222	.118	.035	.209	.112	.034	.197	.107	.033	
5.0	.225	.115	.033	.218	.112	.033	.206	.107	.032	.194	.102	.030	.183	.098	.029	
6.0	.209	.105	.030	.203	.102	.029	.192	.098	.029	.181	.094	.028	.171	.090	.027	
7.0	.195	.096	.027	.189	.094	.027	.179	.090	.026	.169	.087	.025	.160	.083	.024	
8.0	.182	.089	.025	.177	.087	.025	.168	.084	.024	.159	.080	.023	.151	.077	.023	
9.0	.171	.083	.023	.166	.081	.023	.158	.078	.022	.149	.075	.021	.142	.072	.021	
10.0	.161	.077	.021	.156	.076	.021	.149	.073	.020	.141	.070	.020	.134	.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	.269	.269	.269	.230	.230	.230	.157	.157	.157	.090	.090	.090	.029	.029	.029	
1.0	.259	.235	.214	.221	.202	.184	.151	.139	.127	.087	.080	.074	.028	.026	.024	
2.0	.250	.211	.178	.215	.182	.154	.147	.126	.108	.085	.073	.063	.027	.024	.021	
3.0	.243	.194	.155	.208	.167	.134	.143	.116	.094	.083	.068	.056	.027	.022	.018	
4.0	.235	.181	.139	.202	.156	.121	.139	.109	.085	.080	.064	.050	.026	.021	.017	
5.0	.228	.171	.128	.196	.148	.112	.135	.103	.079	.078	.061	.047	.025	.020	.015	
6.0	.221	.163	.120	.190	.141	.105	.131	.099	.074	.076	.058	.044	.025	.019	.015	
7.0	.215	.156	.115	.185	.135	.100	.128	.095	.071	.074	.056	.042	.024	.018	.014	
8.0	.208	.150	.110	.179	.130	.096	.124	.091	.068	.072	.054	.041	.023	.018	.013	
9.0	.202	.145	.107	.174	.126	.093	.121	.089	.066	.070	.052	.039	.023	.017	.013	
10.0	.197	.141	.104	.170	.123	.091	.118	.086	.064	.069	.051	.038	.022	.017	.013	

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 GO-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:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz										
Lamp Flux:1756.7x1 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	17.1	18.5	17.5	18.8	19.2	17.0	18.3	17.4	18.7	19.1
3H	18.4	19.7	18.9	20.1	20.5	18.3	19.5	18.7	19.9	20.4
4H	18.9	20.1	19.3	20.5	20.9	18.7	19.9	19.2	20.3	20.8
6H	19.2	20.3	19.6	20.7	21.2	19.0	20.1	19.4	20.5	21.0
8H	19.2	20.3	19.7	20.8	21.3	19.0	20.1	19.5	20.6	21.1
12H	19.3	20.3	19.8	20.8	21.3	19.1	20.1	19.6	20.6	21.1
4H 2H	17.6	18.8	18.1	19.2	19.7	17.5	18.7	17.9	19.1	19.6
3H	19.1	20.1	19.6	20.6	21.1	18.9	20.0	19.4	20.4	21.0
4H	19.6	20.6	20.2	21.1	21.6	19.5	20.4	20.0	20.9	21.5
6H	20.0	20.9	20.6	21.4	22.0	19.9	20.7	20.4	21.2	21.8
8H	20.2	20.9	20.7	21.5	22.1	20.0	20.8	20.5	21.3	21.9
12H	20.3	21.0	20.9	21.6	22.2	20.1	20.8	20.7	21.4	22.0
8H 4H	19.8	20.6	20.4	21.1	21.7	19.7	20.4	20.2	21.0	21.6
6H	20.3	20.9	20.9	21.5	22.2	20.2	20.8	20.8	21.4	22.0
8H	20.5	21.1	21.1	21.7	22.3	20.4	20.9	21.0	21.5	22.2
12H	20.8	21.2	21.4	21.9	22.6	20.6	21.1	21.2	21.7	22.4
12H 4H	19.8	20.5	20.4	21.0	21.7	19.7	20.4	20.2	20.9	21.5
6H	20.3	20.9	21.0	21.5	22.2	20.2	20.8	20.8	21.3	22.0
8H	20.6	21.1	21.2	21.7	22.4	20.4	20.9	21.1	21.5	22.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1757 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.0)
 Area: 0.12876 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 GO-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:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 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	55	43	37	54	43	36	52	42	36	29
0.80	65	53	46	63	52	46	61	51	45	37
1.00	73	62	55	71	61	54	68	61	53	45
1.25	80	70	62	78	68	62	74	66	60	52
1.50	85	75	68	83	74	67	79	71	65	56
2.00	92	83	77	90	82	76	85	78	73	63
2.50	96	88	82	93	86	80	88	82	77	67
3.00	99	92	87	96	90	85	91	86	81	70
4.00	103	98	93	100	95	91	94	90	87	75
5.00	106	101	97	103	98	94	96	93	90	77
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:Wilson
 Test Date:2022-12-15

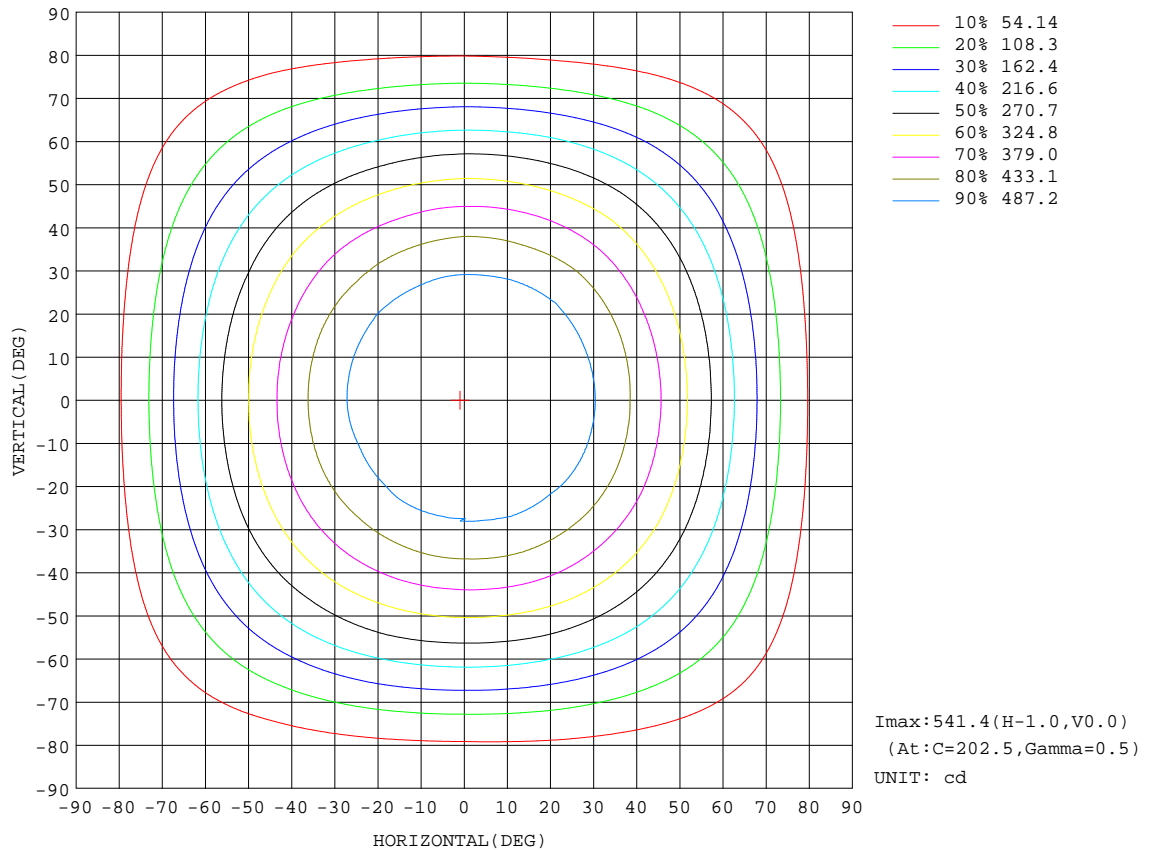
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 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 GO-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

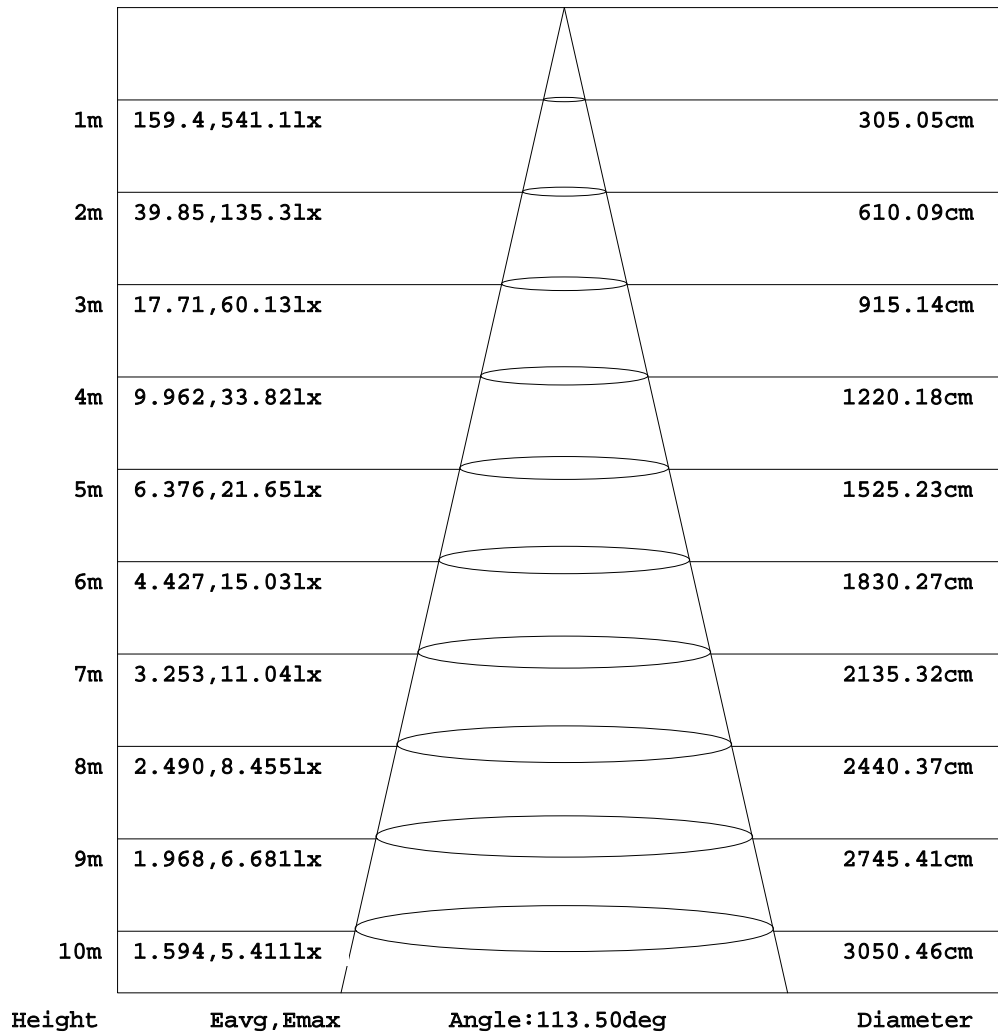
Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:1187 lm



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

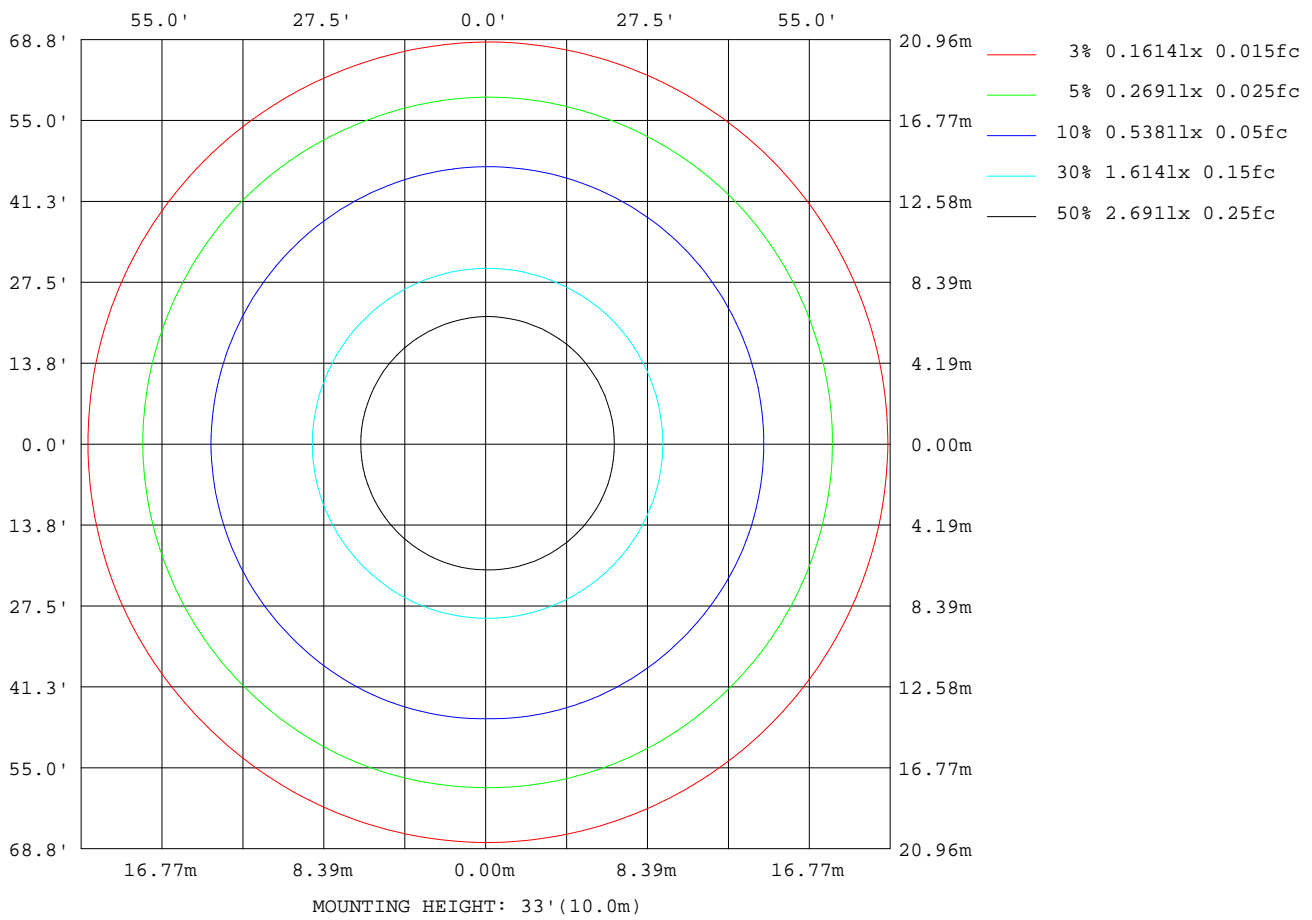
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 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 GO-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:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	3473
L_0~180(75)av	2757
L_0~180(85)av	2666
L_90~270(65)av	3459
L_90~270(75)av	2733
L_90~270(85)av	2558
L_45(65)av	3459
L_45(75)av	2740
L_45(85)av	2611

Standard: GB/T 29293-2012

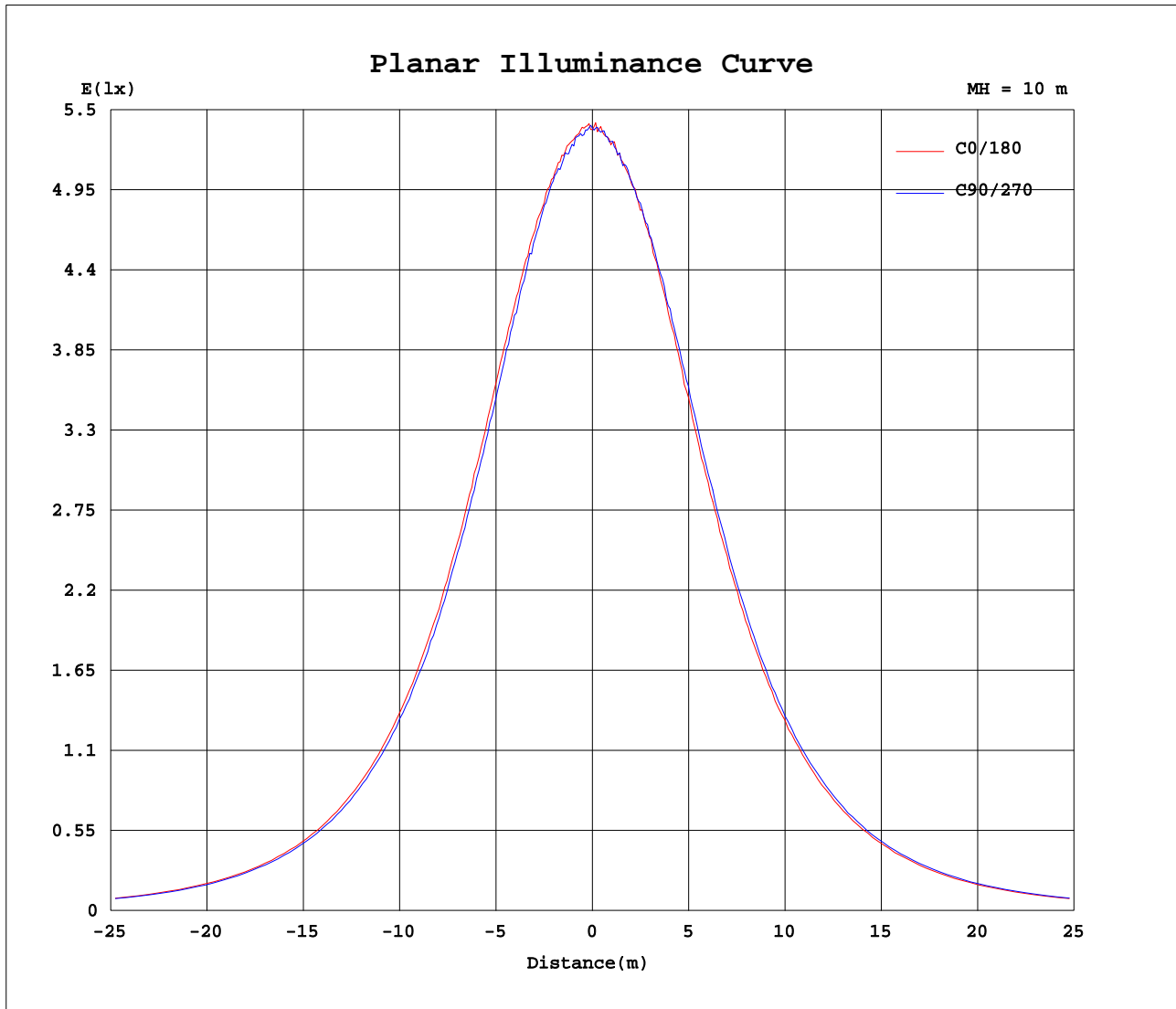
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-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

Planar Illuminance Curve



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 GO-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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.2105A P:25.130W PF:0.9939 Freq:60.00Hz Lamp Flux:1756.7x1 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	537	537	537	537	537	537	537	537	537	537	537	537	537	537	537	537			
5	539	540	533	535	536	535	535	534	537	539	533	536	534	536	538	535			
10	539	535	531	535	533	531	532	532	533	532	530	535	535	533	537	536			
15	533	534	526	529	527	528	529	526	529	528	527	529	528	531	534	534			
20	527	523	521	520	517	513	516	513	517	519	516	520	523	524	524	524			
25	513	513	506	505	499	499	499	495	499	499	499	506	505	510	515	510			
30	490	489	481	481	475	472	472	470	473	473	474	479	482	486	491	490			
35	460	461	450	451	446	443	439	441	444	444	444	448	452	459	462	460			
40	426	421	414	415	412	407	406	405	407	406	409	412	419	419	426	423			
45	385	383	375	376	372	369	367	366	370	369	369	375	378	381	387	383			
50	341	338	332	332	329	326	326	324	325	326	328	332	338	339	343	341			
55	293	292	287	287	282	283	281	280	283	283	283	288	290	293	297	293			
60	244	242	236	238	236	235	233	232	234	235	236	238	243	244	247	244			
65	192	191	188	188	185	184	184	183	186	187	186	189	192	194	195	193			
70	141	140	138	137	136	135	136	135	138	139	139	140	142	142	144	143			
75	92.4	93.0	90.8	91.0	88.5	88.1	87.2	88.4	91.3	92.7	93.0	93.5	93.6	92.9	94.2	93.2			
80	51.6	52.8	51.6	50.9	48.5	47.6	47.2	48.5	51.2	52.9	53.7	52.8	52.8	50.8	51.5	50.9			
85	30.4	31.3	30.2	29.3	27.2	26.3	25.8	27.3	29.5	31.1	31.8	31.1	30.2	29.3	29.5	29.6			
90	22.9	23.0	22.2	21.2	19.8	18.6	18.6	19.5	21.2	22.7	23.3	23.1	22.5	22.1	22.1	22.3			
95	13.4	11.6	17.0	19.2	18.1	17.0	14.3	9.29	12.3	11.6	17.9	20.5	20.5	19.8	17.4	11.8			
100	17.1	15.8	12.5	16.2	16.9	14.3	11.3	13.5	16.5	16.7	12.6	15.3	17.4	15.6	12.0	14.9			
105	24.3	20.7	16.3	15.3	15.9	13.5	14.4	18.5	23.1	21.2	16.6	13.7	15.1	14.1	15.9	20.0			
110	26.6	22.2	22.8	18.0	17.5	16.7	19.7	20.5	25.0	22.6	23.4	17.1	16.1	17.2	23.1	21.7			
115	29.5	24.3	29.0	23.7	21.2	21.6	25.5	22.8	27.7	24.4	28.4	23.8	21.5	24.1	28.8	23.9			
120	29.8	26.1	34.5	30.8	28.0	28.1	31.6	24.8	26.2	25.6	32.9	30.3	29.1	31.6	34.0	25.8			
125	29.3	31.1	39.8	37.5	35.1	35.2	36.9	30.0	27.1	31.1	37.5	36.8	36.5	37.9	38.8	29.8			
130	25.1	35.1	44.2	42.4	41.0	40.8	41.8	31.8	27.3	33.9	42.1	42.4	42.0	43.4	42.9	33.6			
135	33.3	38.4	43.1	47.5	46.3	45.4	40.3	36.1	33.6	35.9	40.6	46.9	46.9	47.4	42.3	36.7			
140	37.9	39.7	46.2	48.9	49.7	47.9	44.3	33.6	39.7	36.9	44.8	46.1	50.1	46.6	46.4	27.1			
145	29.7	23.7	45.3	46.1	45.3	43.8	44.5	31.5	34.2	33.8	44.0	45.9	47.5	49.4	46.1	37.0			
150	39.8	37.9	44.9	47.2	47.2	44.3	42.8	38.2	37.6	32.5	43.1	46.7	48.2	49.2	45.6	40.7			
155	42.3	43.0	42.1	47.9	42.3	44.2	41.7	39.9	46.1	35.2	38.8	46.2	45.3	44.1	43.1	38.4			
160	40.2	39.5	36.5	35.1	36.9	41.6	35.8	36.7	34.2	34.2	39.6	39.7	41.4	26.9	34.7	32.6			
165	33.8	30.8	33.5	25.4	26.5	33.9	35.0	30.2	30.9	30.6	32.7	35.3	33.8	25.8	25.6	32.3			
170	23.5	23.2	25.1	20.2	21.9	29.8	26.1	24.9	24.4	26.6	23.5	23.0	24.2	16.9	16.3	23.3			
175	16.6	14.2	10.8	7.62	10.6	15.6	15.2	17.3	19.6	19.0	17.9	20.8	21.7	19.2	14.7	14.8			
180	16.7	16.3	17.6	18.9	18.0	18.0	14.7	14.3	16.7	16.3	17.7	18.9	18.2	18.1	14.7	14.4			

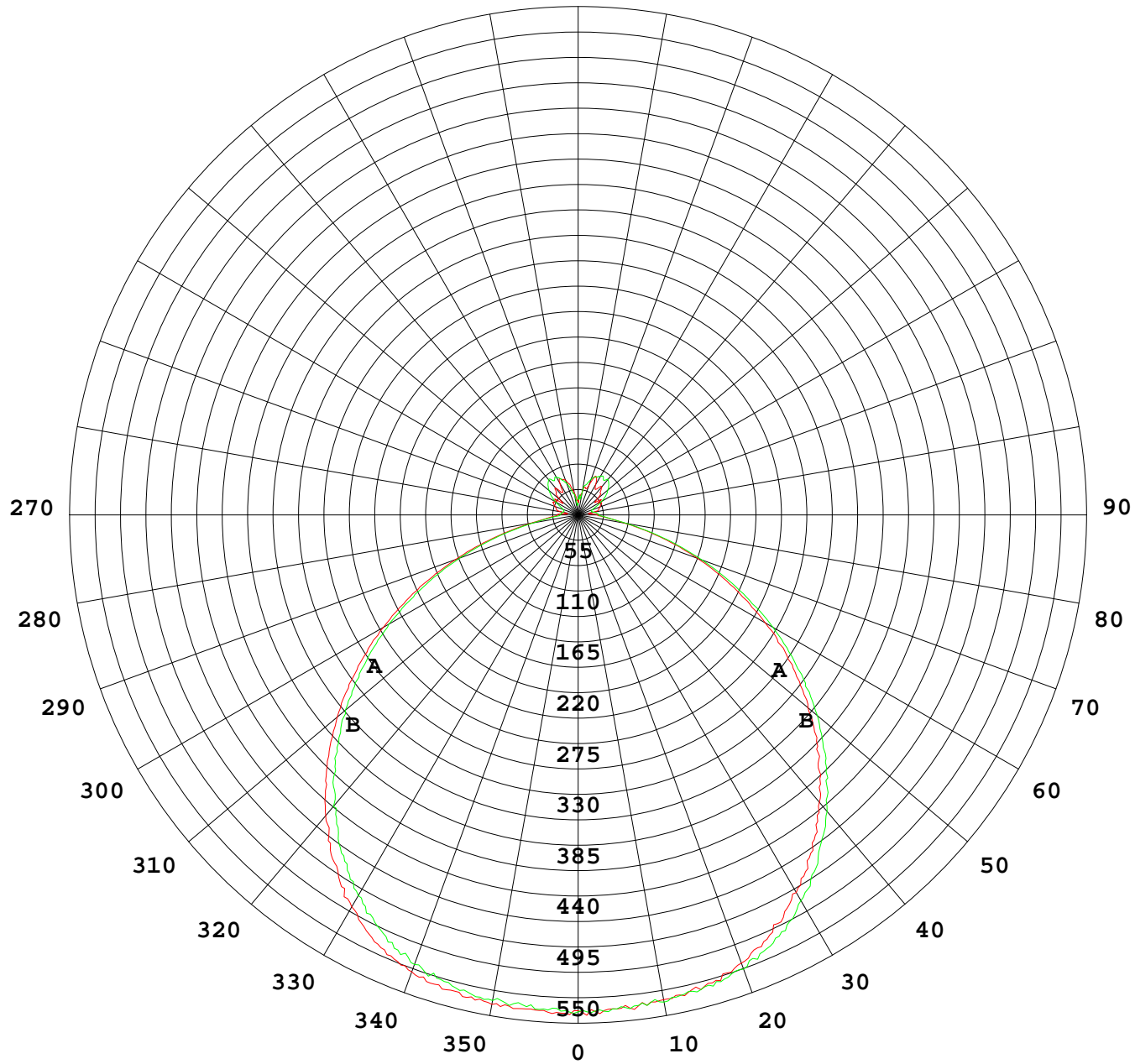
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Checker: Near Gao

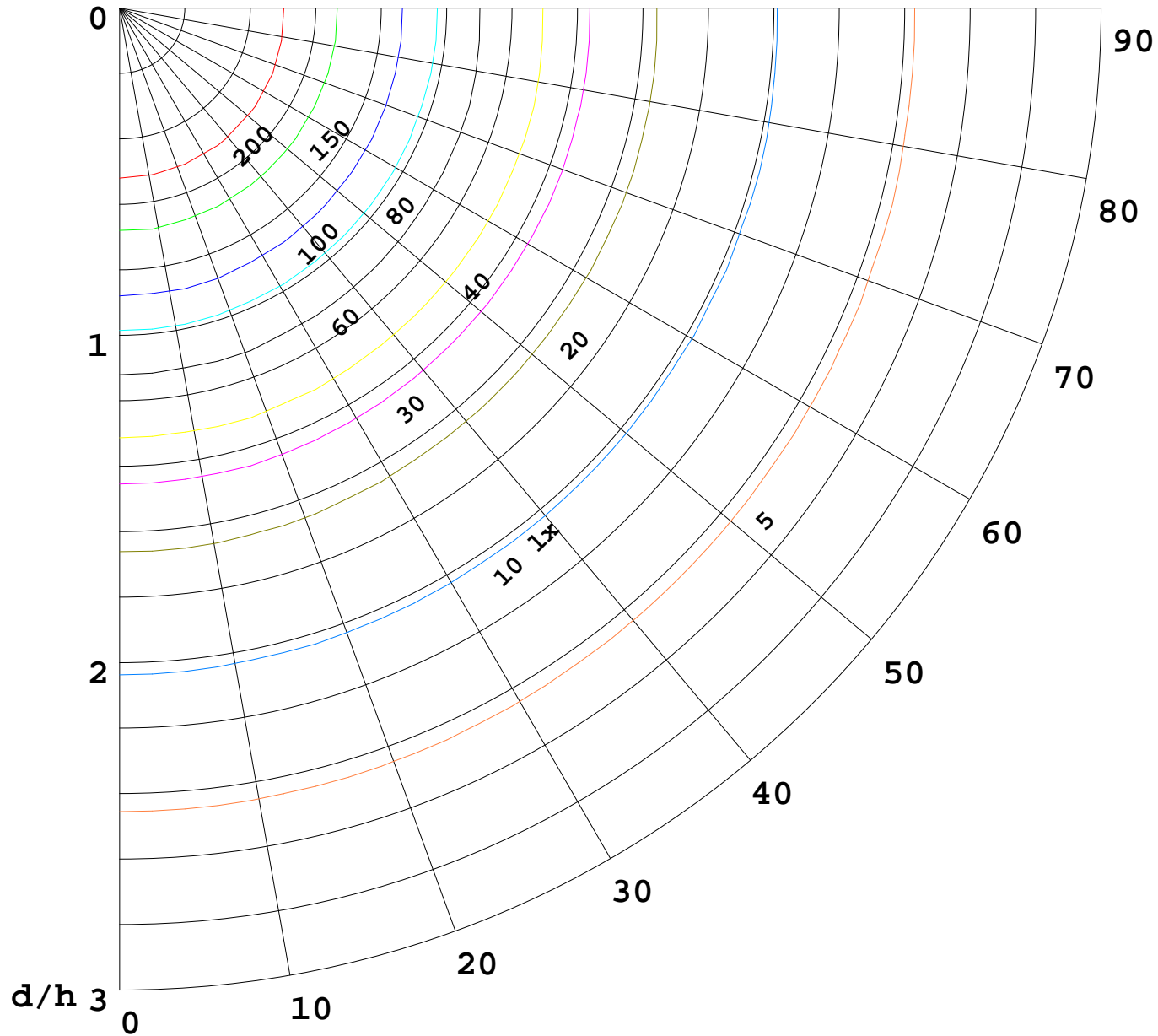
Assessor: Akin Xu

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

