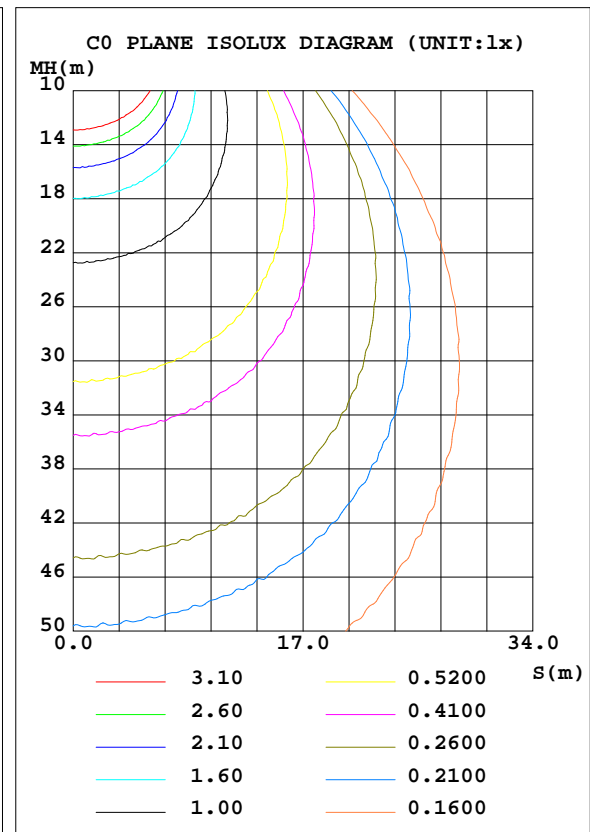
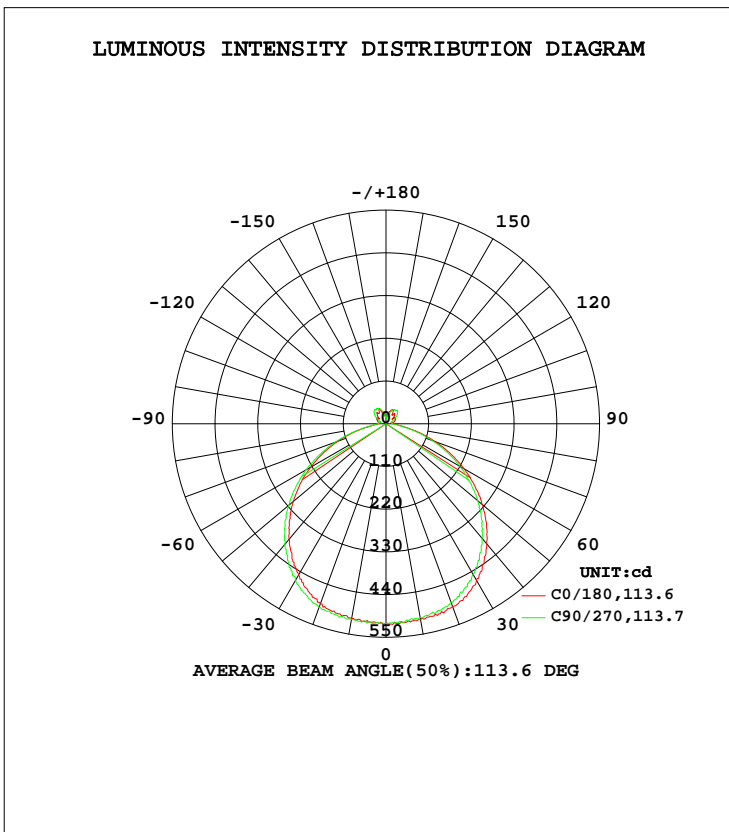


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.58 lm/W			
MODEL	27P-26S-952C5-120D-WH	I _{max} (cd)	520.0	S/MH(C0/180)	1.30
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1673.9	η UP, DN(C0-180)	4.9,44.4
NOMINAL FLUX(lm)	1673.93	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	5.1,45.6
LAMPS INSIDE	1	η up(%)	10.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	90.0	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	512.7	507.7	506.1	508.3	509.5	508.5	511.7	513.0	0- 10	48.88	48.88	2.92,2.92
20	500.7	493.9	488.1	490.7	493.1	496.8	502.8	501.7	10- 20	143.0	191.9	11.5,11.5
30	466.4	453.2	448.8	446.0	450.1	455.4	465.2	469.8	20- 30	221.5	413.4	24.7,24.7
40	404.0	391.1	384.1	384.8	388.1	394.2	405.4	410.7	30- 40	268.3	681.7	40.7,40.7
50	323.5	312.0	307.5	307.7	311.9	317.0	327.6	330.7	40- 50	276.2	957.9	57.2,57.2
60	232.1	222.8	219.7	218.8	223.3	229.6	237.4	238.7	50- 60	244.9	1203	71.9,71.9
70	135.0	129.4	126.6	127.0	131.7	135.3	140.3	140.0	60- 70	178.8	1382	82.5,82.5
80	49.04	47.61	43.95	43.28	48.30	51.33	50.88	50.13	70- 80	93.10	1475	88.1,88.1
90	21.47	20.32	17.60	17.33	19.97	21.83	20.96	20.87	80- 90	31.66	1506	90,90
100	16.12	11.49	14.53	10.17	15.41	11.73	16.78	11.36	90-100	17.13	1523	91,91
110	24.88	21.98	15.55	19.14	23.42	21.08	15.46	20.90	100-110	17.37	1541	92,92
120	27.77	32.18	26.50	29.30	24.52	30.94	26.12	31.96	110-120	23.03	1564	93.4,93.4
130	24.29	40.50	38.60	38.21	24.89	39.32	38.75	40.45	120-130	28.28	1592	95.1,95.1
140	35.44	41.13	45.62	39.95	36.71	42.78	47.07	43.30	130-140	29.78	1622	96.9,96.9
150	38.11	41.74	42.10	38.61	34.25	40.54	45.80	43.10	140-150	24.11	1646	98.3,98.3
160	36.45	34.32	31.27	33.62	32.79	35.40	39.22	33.61	150-160	18.03	1664	99.4,99.4
170	21.33	21.82	17.80	21.21	23.37	23.19	28.69	14.56	160-170	8.262	1672	99.9,99.9
180	15.33	17.01	17.19	14.89	15.35	16.96	17.27	15.01	170-180	1.621	1674	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 821.26 lm

%lum = 49.1%
%lamp = 49.1%

Conical surface Flux(120deg): 1202.8 lm

%lum = 71.9%
%lamp = 71.9%

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

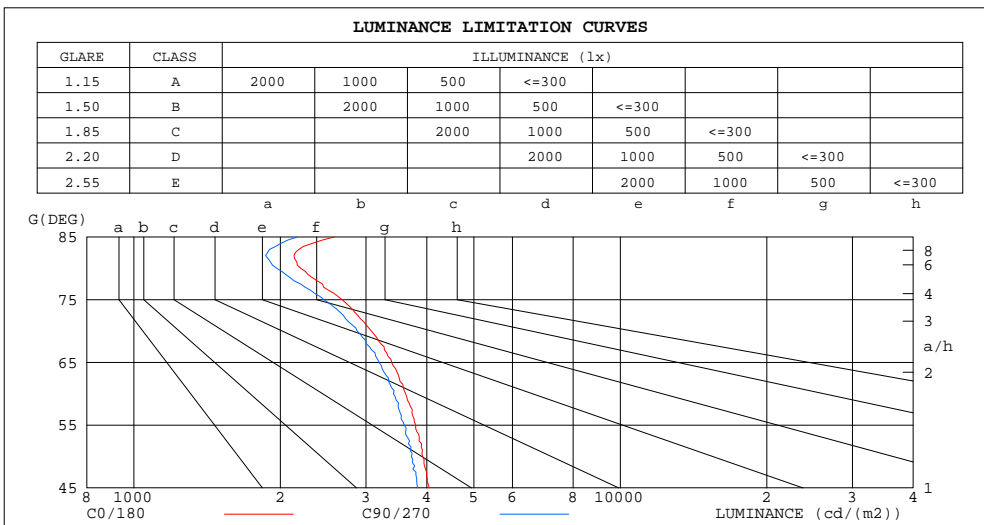
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2581	2167
80	2204	1968
75	2679	2459
70	3079	2877
65	3389	3191
60	3622	3416
55	3798	3598
50	3927	3720
45	4046	3829

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

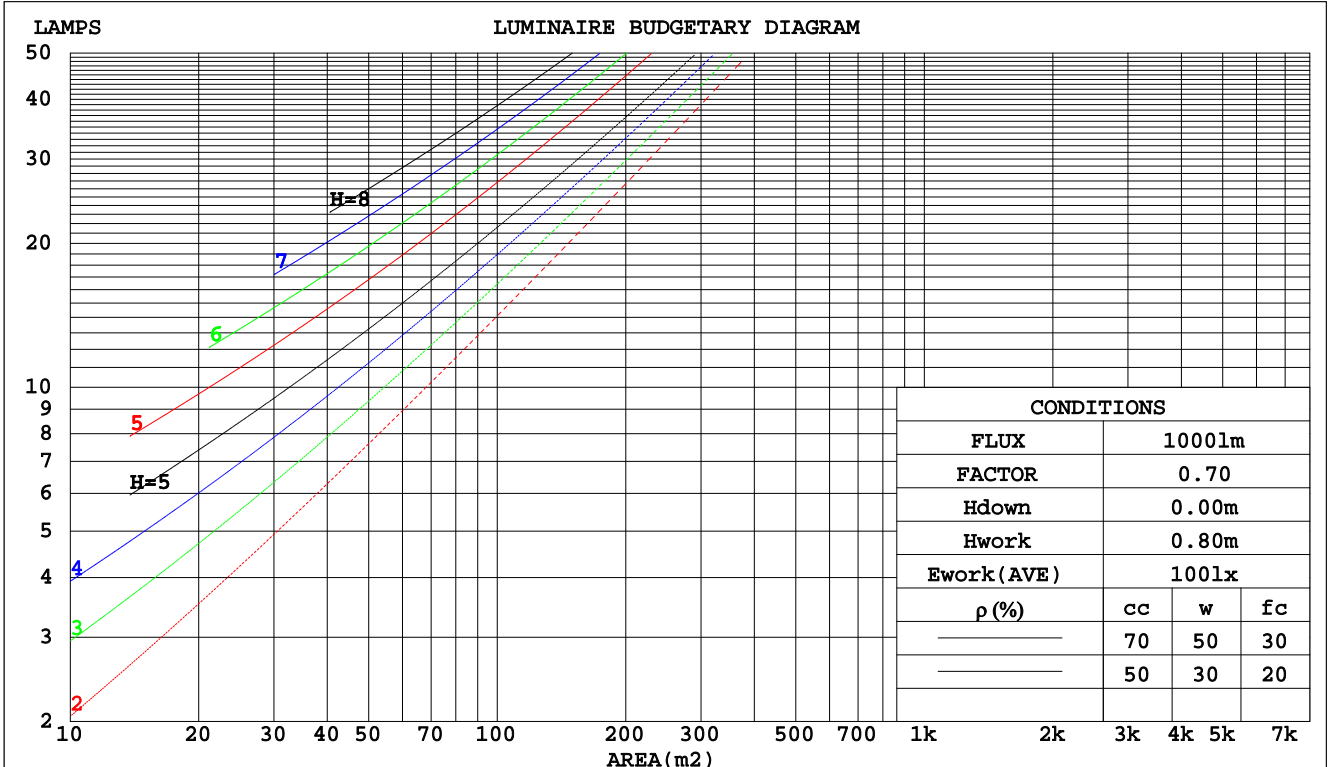
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 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	1.06	1.06	1.06	.99	.99	.99	.93	.93	.93	.90
1.0	1.02	.98	.94	.99	.95	.91	.93	.90	.87	.87	.85	.82	.82	.80	.78	.75
2.0	.89	.82	.77	.86	.80	.75	.81	.76	.72	.76	.72	.69	.72	.69	.66	.63
3.0	.78	.70	.64	.76	.68	.62	.71	.65	.60	.67	.62	.58	.64	.59	.56	.53
4.0	.69	.61	.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	.42	.39
6.0	.55	.47	.40	.54	.46	.40	.51	.44	.39	.49	.42	.38	.46	.41	.36	.34
7.0	.50	.42	.36	.49	.41	.35	.47	.39	.34	.44	.38	.33	.42	.37	.32	.30
8.0	.46	.37	.32	.45	.37	.31	.43	.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	.35	.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:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz		
Lamp Flux:1673.93x1 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	.283	.155	.048	.275	.151	.047	.258	.143	.044	.242	.136	.042	.228	.129	.041	
3.0	.263	.140	.042	.255	.136	.041	.239	.130	.039	.225	.124	.038	.212	.118	.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	.195	.103	.031	.184	.098	.030	
6.0	.209	.105	.030	.203	.103	.030	.192	.098	.029	.181	.094	.028	.172	.090	.027	
7.0	.195	.096	.027	.189	.094	.027	.179	.091	.026	.170	.087	.025	.161	.083	.025	
8.0	.182	.089	.025	.177	.087	.025	.168	.084	.024	.159	.081	.023	.151	.077	.023	
9.0	.171	.083	.023	.166	.081	.023	.158	.078	.022	.150	.075	.021	.142	.072	.021	
10.0	.161	.077	.021	.156	.076	.021	.149	.073	.021	.141	.070	.020	.134	.068	.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	.267	.267	.267	.228	.228	.228	.156	.156	.156	.089	.089	.089	.029	.029	.029	
1.0	.257	.233	.212	.220	.200	.182	.150	.138	.126	.086	.080	.073	.028	.026	.024	
2.0	.249	.209	.176	.213	.180	.153	.146	.125	.106	.084	.073	.062	.027	.023	.020	
3.0	.241	.192	.153	.207	.166	.133	.142	.115	.093	.082	.067	.055	.026	.022	.018	
4.0	.233	.179	.137	.200	.155	.119	.138	.108	.084	.080	.063	.050	.026	.021	.016	
5.0	.226	.169	.126	.194	.146	.110	.134	.102	.078	.078	.060	.046	.025	.020	.015	
6.0	.219	.161	.119	.189	.139	.103	.130	.097	.073	.075	.057	.043	.024	.019	.014	
7.0	.213	.154	.113	.183	.133	.098	.126	.094	.070	.073	.055	.041	.024	.018	.014	
8.0	.206	.148	.108	.178	.129	.094	.123	.090	.067	.072	.053	.040	.023	.017	.013	
9.0	.201	.143	.105	.173	.124	.091	.120	.087	.065	.070	.052	.039	.023	.017	.013	
10.0	.195	.139	.102	.168	.121	.089	.117	.085	.063	.068	.050	.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:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz										
Lamp Flux:1673.93x1 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	16.9	18.3	17.3	18.7	19.1	16.7	18.1	17.1	18.4	18.8
3H	18.3	19.5	18.7	19.9	20.3	18.0	19.2	18.4	19.6	20.1
4H	18.7	19.9	19.2	20.3	20.8	18.4	19.6	18.9	20.0	20.5
6H	19.0	20.1	19.5	20.6	21.0	18.7	19.8	19.1	20.2	20.7
8H	19.1	20.2	19.6	20.6	21.1	18.7	19.8	19.2	20.3	20.8
12H	19.2	20.2	19.7	20.7	21.2	18.8	19.8	19.3	20.3	20.8
4H 2H	17.4	18.6	17.9	19.0	19.5	17.2	18.4	17.7	18.8	19.3
3H	18.9	19.9	19.4	20.4	20.9	18.7	19.7	19.2	20.2	20.7
4H	19.5	20.4	20.0	20.9	21.4	19.2	20.2	19.7	20.7	21.2
6H	19.9	20.7	20.4	21.2	21.8	19.6	20.4	20.1	20.9	21.5
8H	20.0	20.8	20.6	21.3	21.9	19.7	20.4	20.2	21.0	21.6
12H	20.1	20.8	20.7	21.4	22.0	19.8	20.5	20.4	21.0	21.6
8H 4H	19.6	20.4	20.2	20.9	21.5	19.4	20.2	20.0	20.7	21.3
6H	20.1	20.8	20.7	21.3	22.0	19.9	20.5	20.5	21.1	21.7
8H	20.3	20.9	21.0	21.5	22.2	20.0	20.6	20.7	21.2	21.9
12H	20.6	21.1	21.2	21.7	22.4	20.2	20.7	20.9	21.3	22.0
12H 4H	19.6	20.3	20.2	20.9	21.5	19.4	20.1	20.0	20.6	21.3
6H	20.2	20.7	20.8	21.3	22.0	19.9	20.5	20.5	21.0	21.7
8H	20.4	20.9	21.0	21.5	22.2	20.1	20.6	20.7	21.2	21.9
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 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1674 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.8)
 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:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 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) x RCR = 5									
k = 0.60	55	43	37	54	43	36	52	42	36	29
0.80	65	53	46	63	53	46	61	51	45	37
1.00	73	62	55	72	61	54	68	62	53	45
1.25	80	70	63	78	69	62	75	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	81	88	82	78	67
3.00	100	92	87	97	90	85	91	86	82	71
4.00	104	98	93	100	95	91	94	90	87	75
5.00	106	101	97	103	98	94	96	93	90	78
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

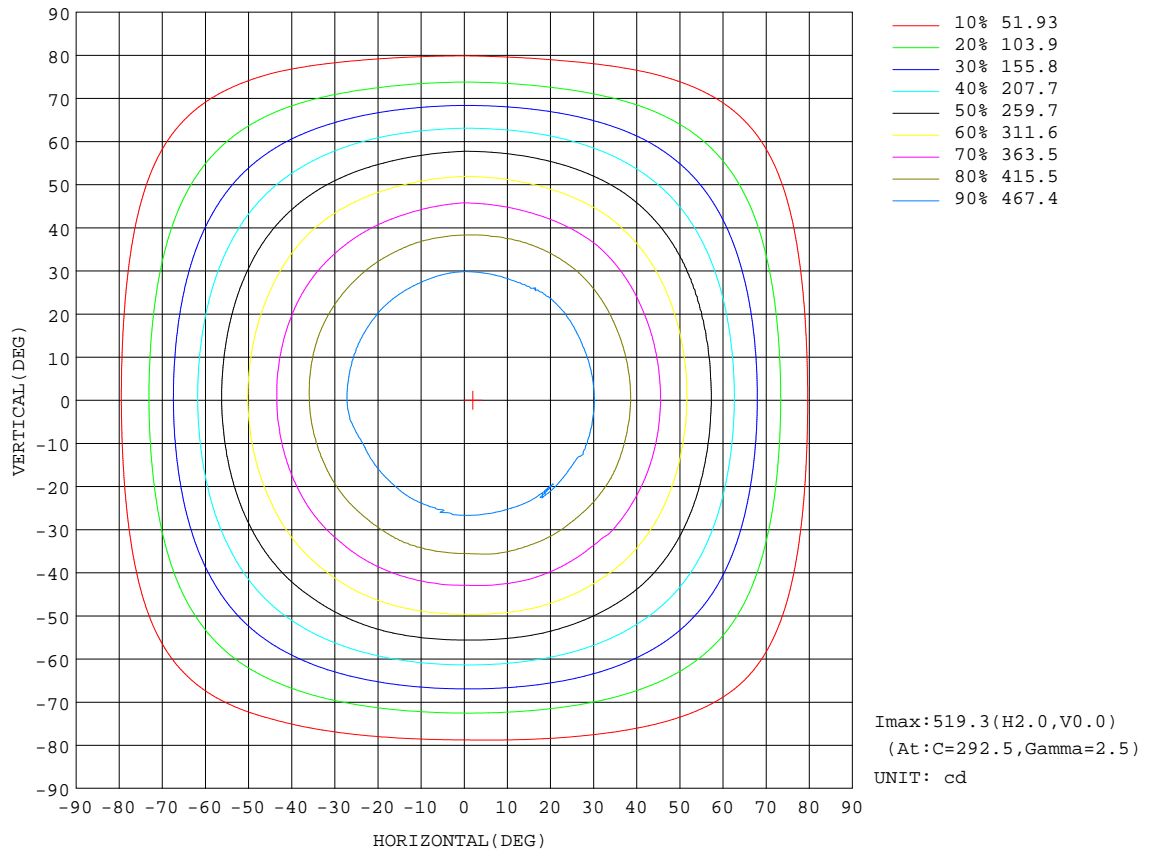
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 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

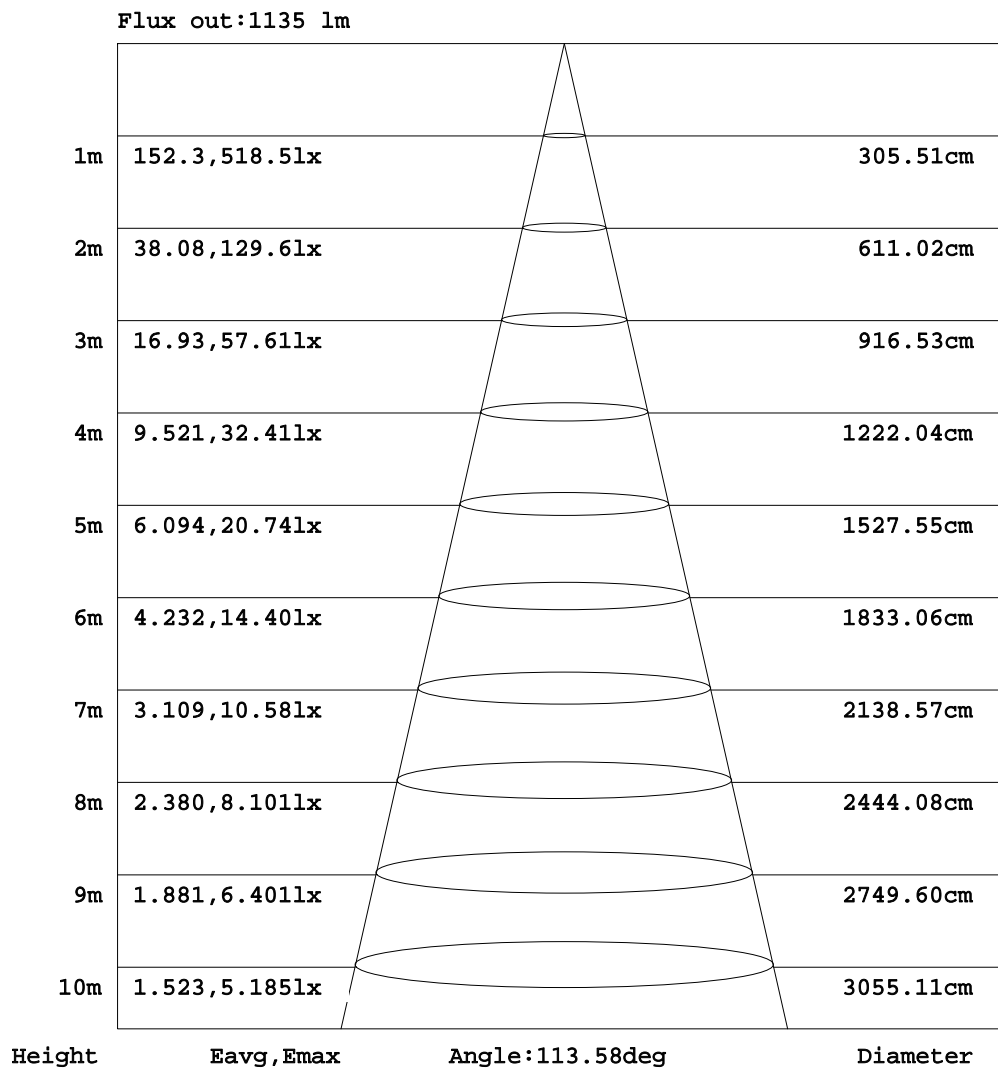
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.635m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 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

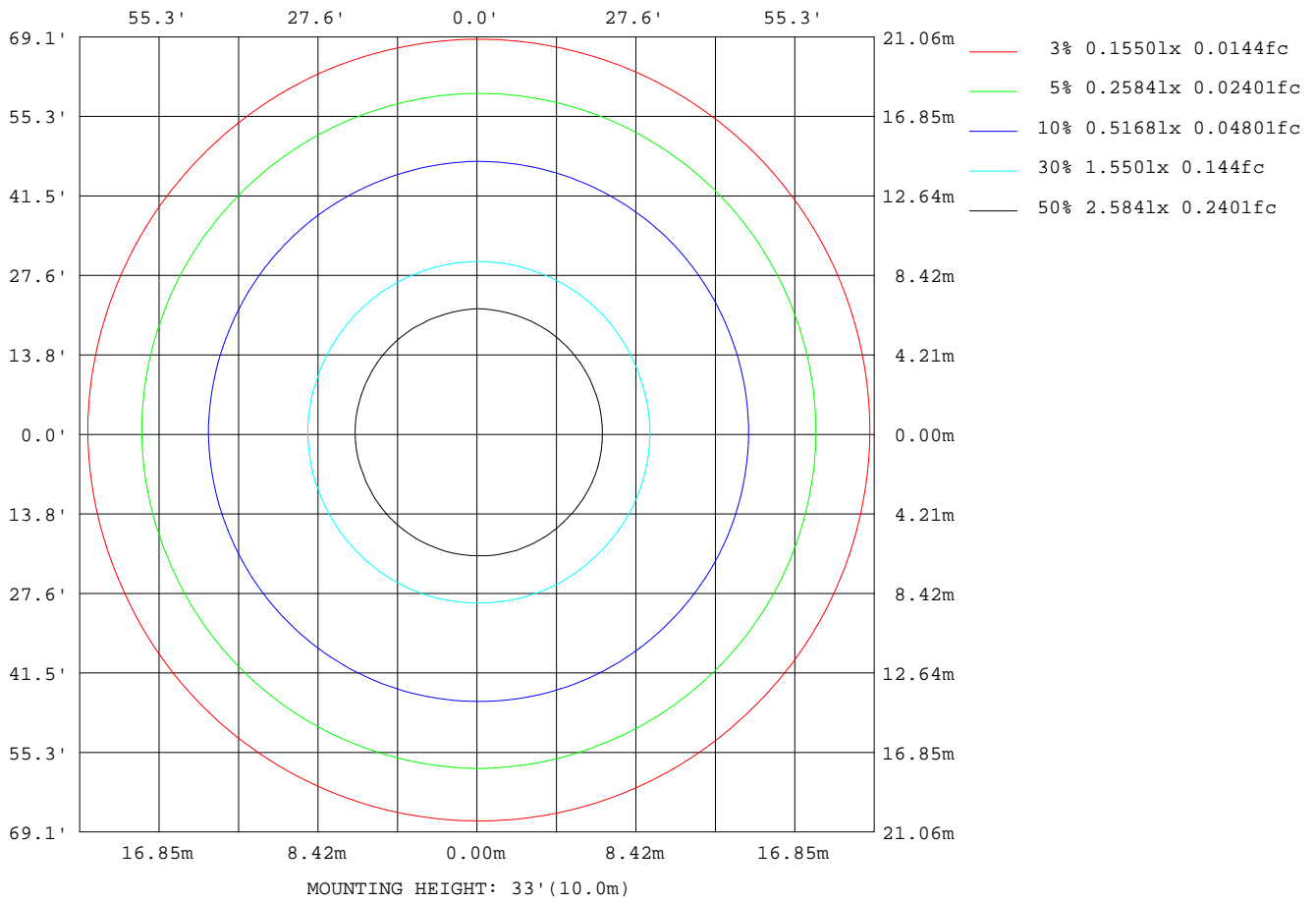
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.635m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 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:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	3324
L_0~180(75)av	2642
L_0~180(85)av	2518
L_90~270(65)av	3320
L_90~270(75)av	2611
L_90~270(85)av	2347
L_45(65)av	3304
L_45(75)av	2608
L_45(85)av	2432

Standard: GB/T 29293-2012

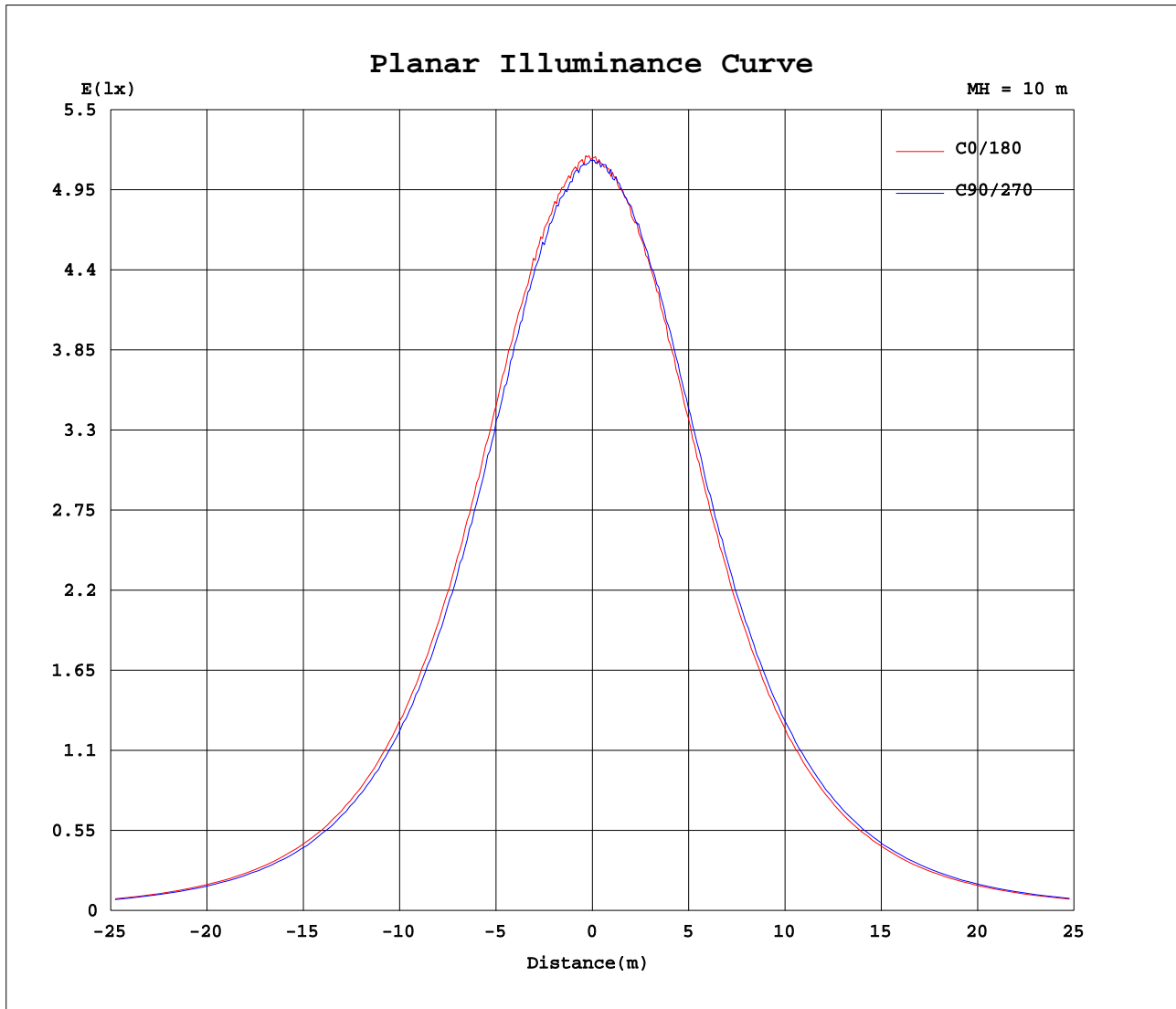
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-15

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:120.03V I:0.2107A P:25.140W PF:0.9939 Freq:60.00Hz Lamp Flux:1673.93x1 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	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514			
5	514	514	511	512	513	513	512	513	513	511	513	512	511	520	515	514			
10	513	516	508	511	506	508	508	507	509	513	508	512	512	513	513	513			
15	511	508	502	503	502	504	502	503	504	506	506	507	508	512	509	508			
20	501	500	494	493	488	492	491	490	493	497	497	502	503	503	502	502			
25	491	488	478	476	473	473	471	472	475	477	483	482	487	491	490	492			
30	466	468	453	454	449	450	446	448	450	453	455	463	465	469	470	469			
35	440	436	427	423	419	420	416	421	423	425	426	432	437	443	441	441			
40	404	404	391	393	384	387	385	385	388	391	394	400	405	408	411	407			
45	367	362	354	352	348	351	345	349	352	353	357	361	368	373	369	368			
50	324	323	312	313	308	309	308	309	312	314	317	322	328	329	331	329			
55	279	276	271	269	265	266	264	266	270	271	274	278	283	286	285	282			
60	232	230	223	221	220	220	219	221	223	226	230	233	237	239	239	236			
65	184	181	177	175	173	174	172	175	178	180	181	186	188	191	189	187			
70	135	133	129	128	127	128	127	128	132	133	135	137	140	140	140	138			
75	88.9	87.8	85.2	83.9	81.9	82.0	81.2	84.0	87.2	88.4	90.0	90.9	92.1	91.6	91.2	90.6			
80	49.0	49.7	47.6	46.6	44.0	43.9	43.3	45.5	48.3	49.4	51.3	50.4	50.9	49.5	50.1	49.5			
85	28.8	29.1	27.6	26.3	24.3	24.0	23.9	25.7	27.7	28.8	29.7	28.9	28.4	27.8	28.0	28.5			
90	21.5	21.0	20.3	19.1	17.6	17.1	17.3	18.5	20.0	21.3	21.8	21.5	21.0	20.9	20.9	21.2			
95	12.5	10.7	15.0	16.9	16.2	15.4	13.0	8.75	11.6	10.8	17.1	19.3	19.3	18.9	16.6	11.2			
100	16.1	15.3	11.5	13.9	14.5	12.4	10.2	13.2	15.4	15.2	11.7	14.8	16.8	15.3	11.4	13.7			
105	22.9	19.5	15.8	13.6	13.9	12.3	13.8	17.2	21.7	19.8	14.9	13.1	14.7	13.8	14.5	18.9			
110	24.9	20.7	22.0	16.8	15.6	15.6	19.1	18.2	23.4	20.9	21.1	15.8	15.5	16.3	20.9	20.3			
115	27.7	23.2	27.3	22.6	20.2	20.8	24.3	20.0	25.8	22.3	26.2	21.1	19.1	21.8	26.5	22.6			
120	27.8	23.9	32.2	29.3	26.5	27.2	29.3	21.2	24.5	23.5	30.9	27.4	26.1	29.0	32.0	24.7			
125	27.7	27.1	36.5	35.2	33.2	33.4	34.1	27.8	25.2	29.7	35.1	33.7	33.3	35.3	36.2	28.9			
130	24.3	31.7	40.5	39.7	38.6	38.7	38.2	29.3	24.9	32.1	39.3	38.7	38.8	40.7	40.5	31.7			
135	30.5	34.5	39.8	43.6	43.1	42.5	36.0	33.9	31.3	34.1	38.5	43.6	43.6	45.1	41.0	35.5			
140	35.4	35.6	41.1	43.9	45.6	42.8	40.0	29.9	36.7	35.5	42.8	44.4	47.1	45.8	43.3	27.9			
145	27.1	21.8	40.8	42.5	42.2	40.3	40.0	29.1	32.6	30.6	42.0	43.6	44.0	46.0	43.2	34.8			
150	38.1	35.1	41.7	44.2	42.1	41.0	38.6	37.6	34.2	31.3	40.5	44.2	45.8	46.5	43.1	36.7			
155	39.4	39.0	37.0	42.8	37.9	40.4	36.3	36.0	42.8	34.7	38.2	43.5	42.8	42.9	41.4	38.4			
160	36.4	34.2	34.3	28.9	31.3	35.7	33.6	32.1	32.8	33.7	35.4	38.2	39.2	28.9	33.6	33.2			
165	30.8	30.3	30.7	24.0	22.8	32.0	30.6	28.0	27.8	28.3	32.7	33.3	32.6	24.3	25.1	26.8			
170	21.3	23.9	21.8	15.5	17.8	25.2	21.2	24.4	23.4	23.9	23.2	27.3	28.7	22.7	14.6	19.8			
175	16.3	13.1	11.8	10.1	11.6	15.7	16.0	17.8	17.7	16.8	17.3	16.7	17.1	15.9	14.4	15.1			
180	15.3	15.2	17.0	18.8	17.2	18.7	14.9	14.4	15.3	15.3	17.0	18.8	17.3	18.7	15.0	14.5			

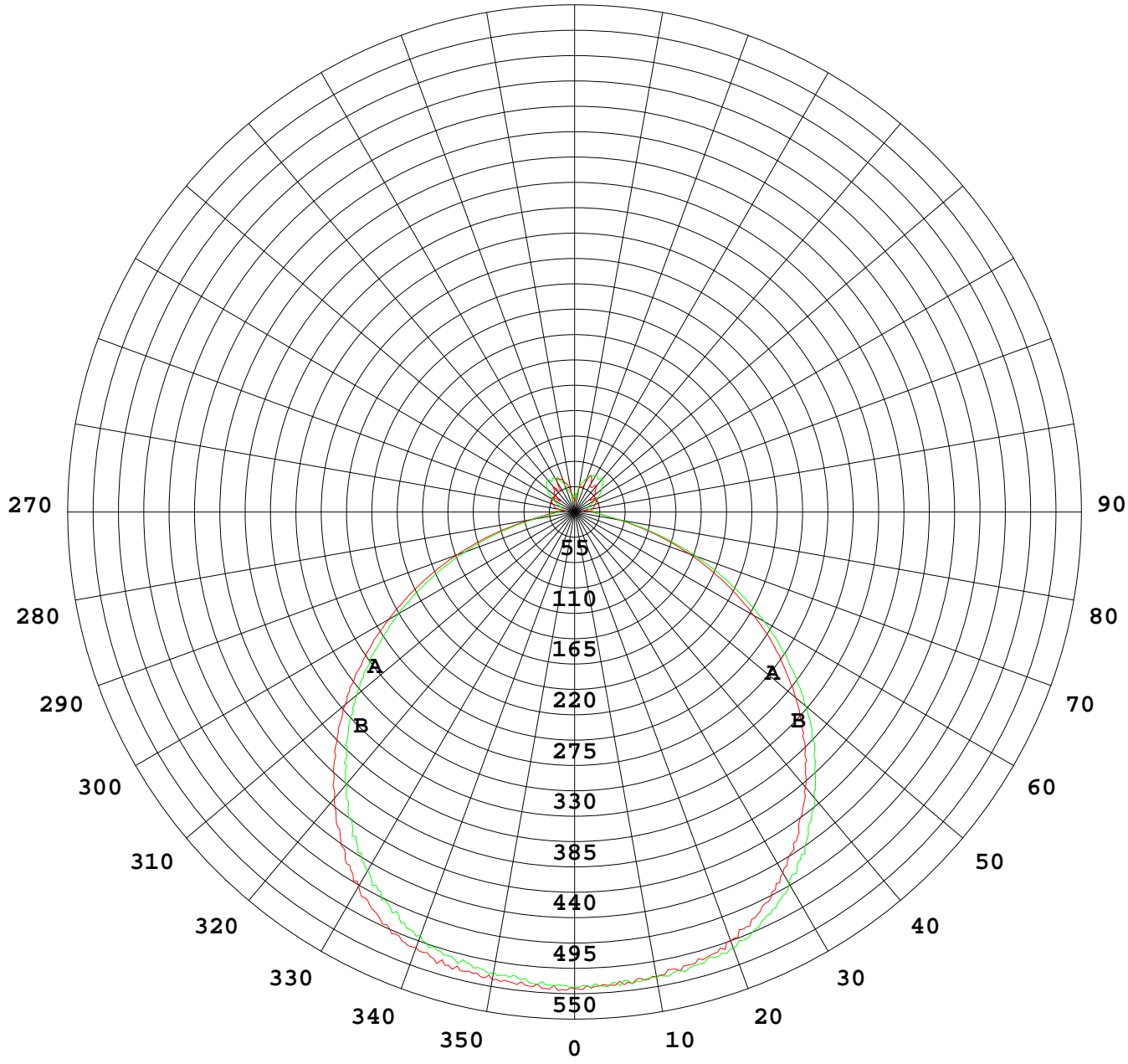
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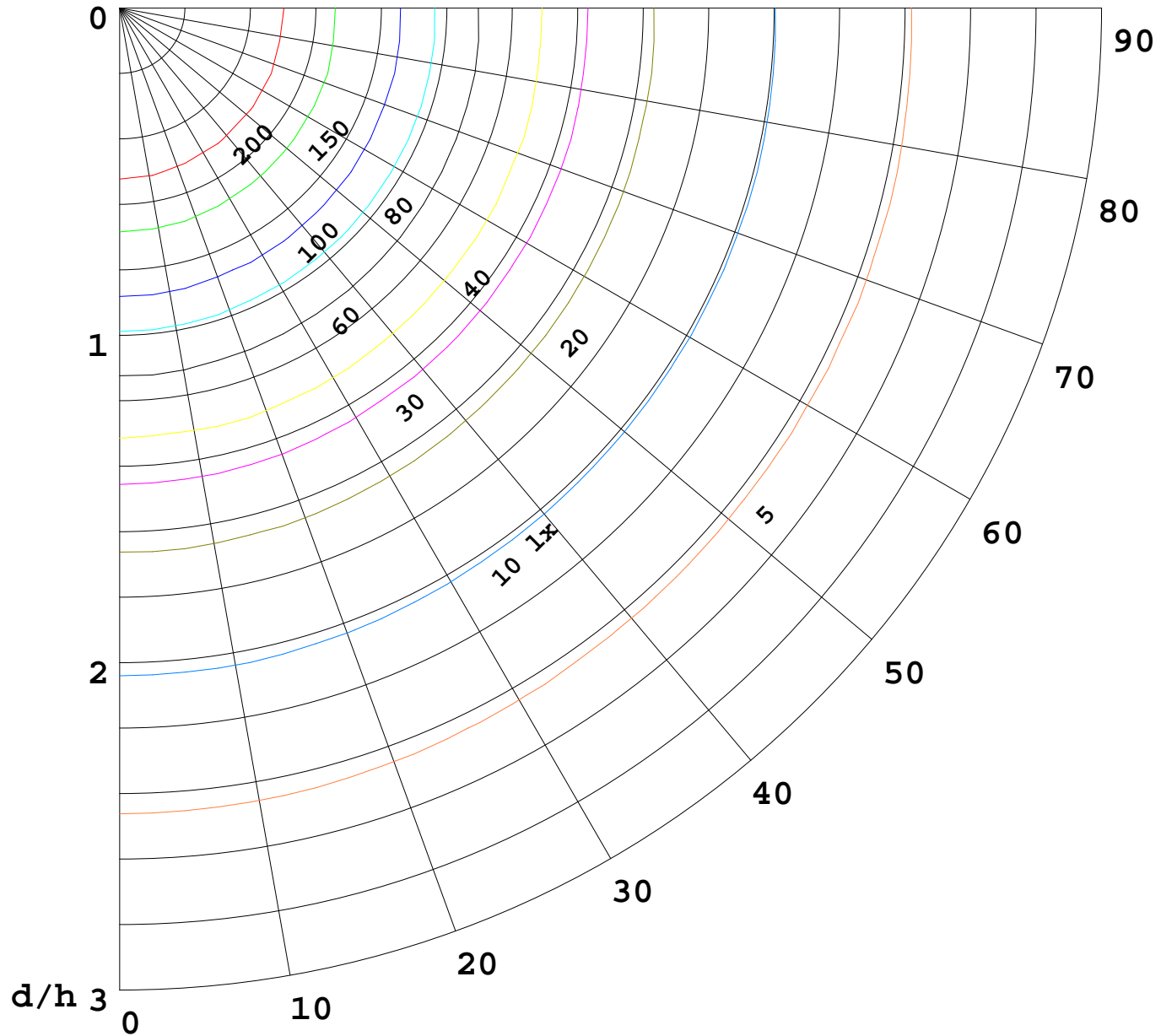
Assessor: Akin Xu

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

