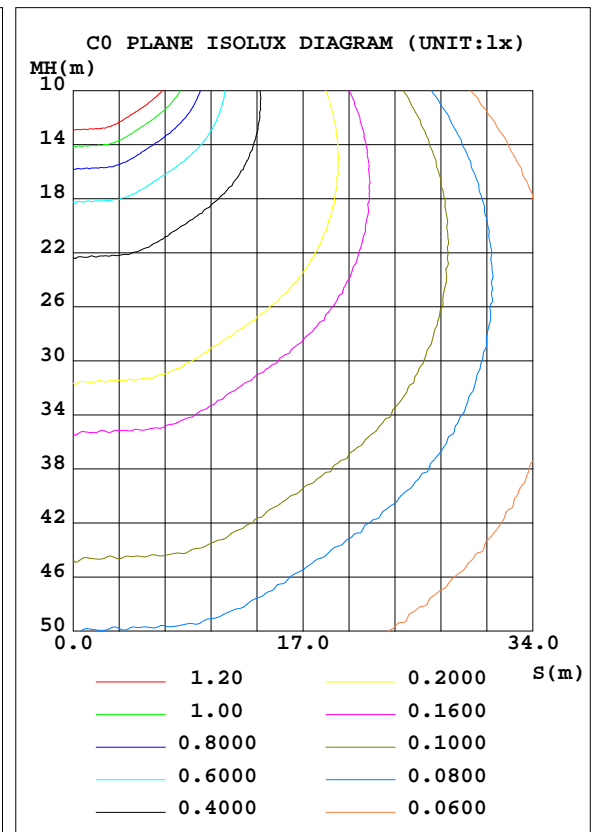
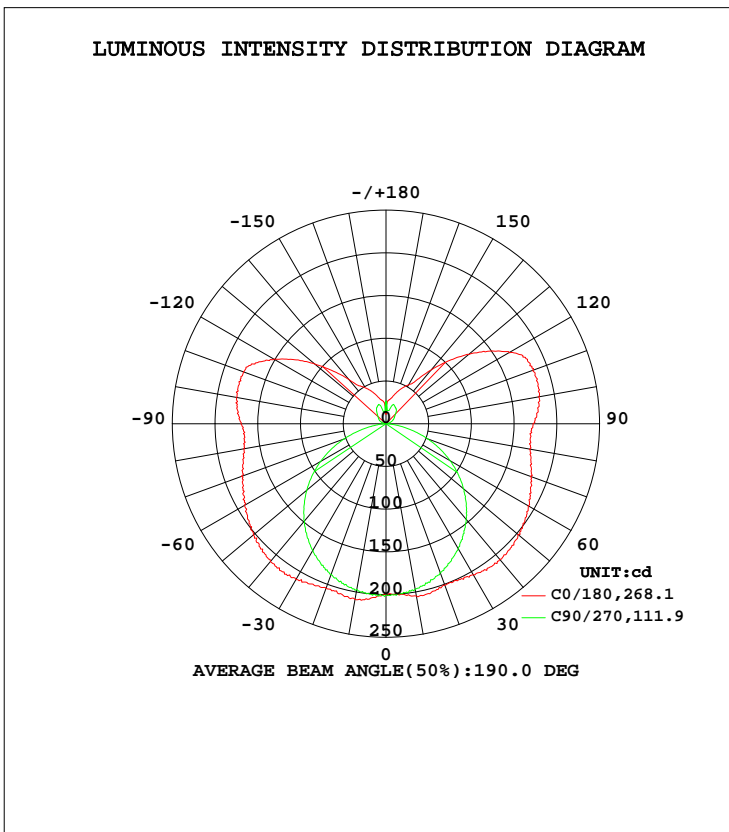


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.53 lm/W			
MODEL	VN27-36-30S-952C5-MVTD-SB00-2700K	I _{max} (cd)	212.4	S/MH(C0/180)	1.60
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1412.9	η UP, DN(C0-180)	17.4, 32.5
NOMINAL FLUX(lm)	1412.86	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	17.3, 32.8
LAMPS INSIDE	1	η up(%)	34.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	65.3	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.617m [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	204.7	200.1	196.5	205.5	208.9	206.0	196.7	201.2	0- 10	19.24	19.24	1.36,1.36
20	200.9	197.6	185.4	199.2	205.0	200.5	187.7	199.1	10- 20	56.74	75.99	5.38,5.38
30	204.0	184.9	168.7	189.5	210.6	191.9	170.9	186.8	20- 30	89.29	165.3	11.7,11.7
40	207.1	177.2	145.7	182.7	210.6	185.2	148.6	180.3	30- 40	116.1	281.3	19.9,19.9
50	201.6	167.4	118.4	171.0	202.8	172.6	120.8	171.2	40- 50	133.7	415.0	29.4,29.4
60	192.1	150.5	86.45	153.8	191.2	153.9	88.21	156.1	50- 60	139.8	554.8	39.3,39.3
70	179.9	130.6	51.90	134.3	180.0	132.6	52.07	137.2	60- 70	134.9	689.8	48.8,48.8
80	170.7	113.2	17.89	117.4	169.1	114.5	17.35	120.5	70- 80	122.0	811.8	57.5,57.5
90	172.0	110.2	0.7099	115.2	170.0	110.6	0.6848	118.8	80- 90	111.2	923.0	65.3,65.3
100	181.4	118.7	2.321	122.4	177.6	117.6	2.371	128.2	90-100	115.5	1039	73.5,73.5
110	182.6	120.9	6.082	114.2	177.7	111.7	5.726	128.2	100-110	114.6	1153	81.6,81.6
120	166.6	97.11	10.01	87.85	151.4	84.57	9.259	101.5	110-120	96.97	1250	88.5,88.5
130	126.4	67.52	13.37	58.43	109.2	54.07	11.93	69.58	120-130	68.75	1319	93.3,93.3
140	82.08	46.00	18.84	45.08	68.13	41.97	16.34	48.77	130-140	42.61	1361	96.4,96.4
150	52.71	39.27	22.25	37.46	48.64	35.54	21.87	40.80	140-150	25.73	1387	98.2,98.2
160	40.18	32.17	23.80	30.56	36.90	28.88	24.12	32.43	150-160	15.91	1403	99.3,99.3
170	29.53	20.15	15.93	20.21	27.96	25.25	14.36	27.63	160-170	7.798	1411	99.9,99.9
180	13.13	13.13	13.13	13.13	13.01	13.01	13.01	13.01	170-180	1.949	1413	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 346.66 lm

%lum = 24.5%
%lamp = 24.5%

Conical surface Flux(120deg): 554.84 lm

%lum = 39.3%
%lamp = 39.3%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-12-09

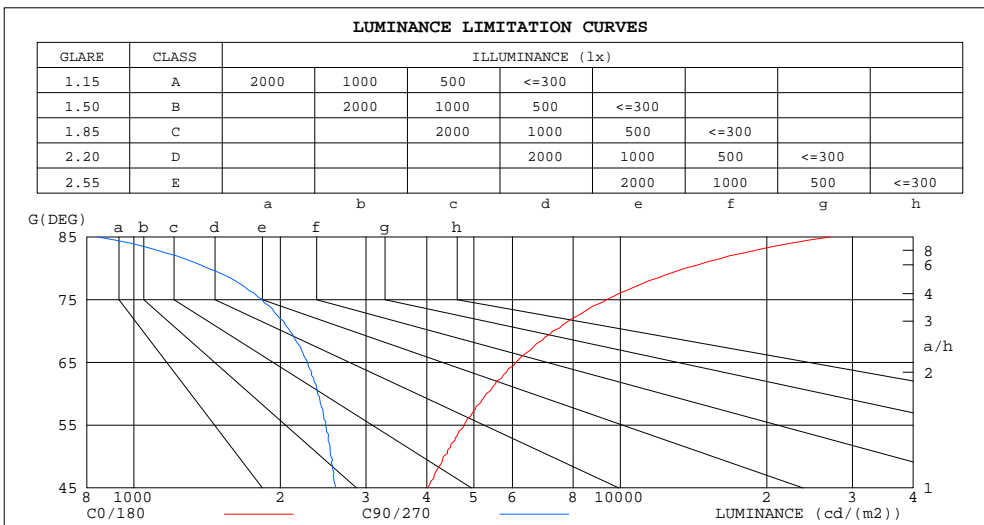
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.617m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 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: 2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

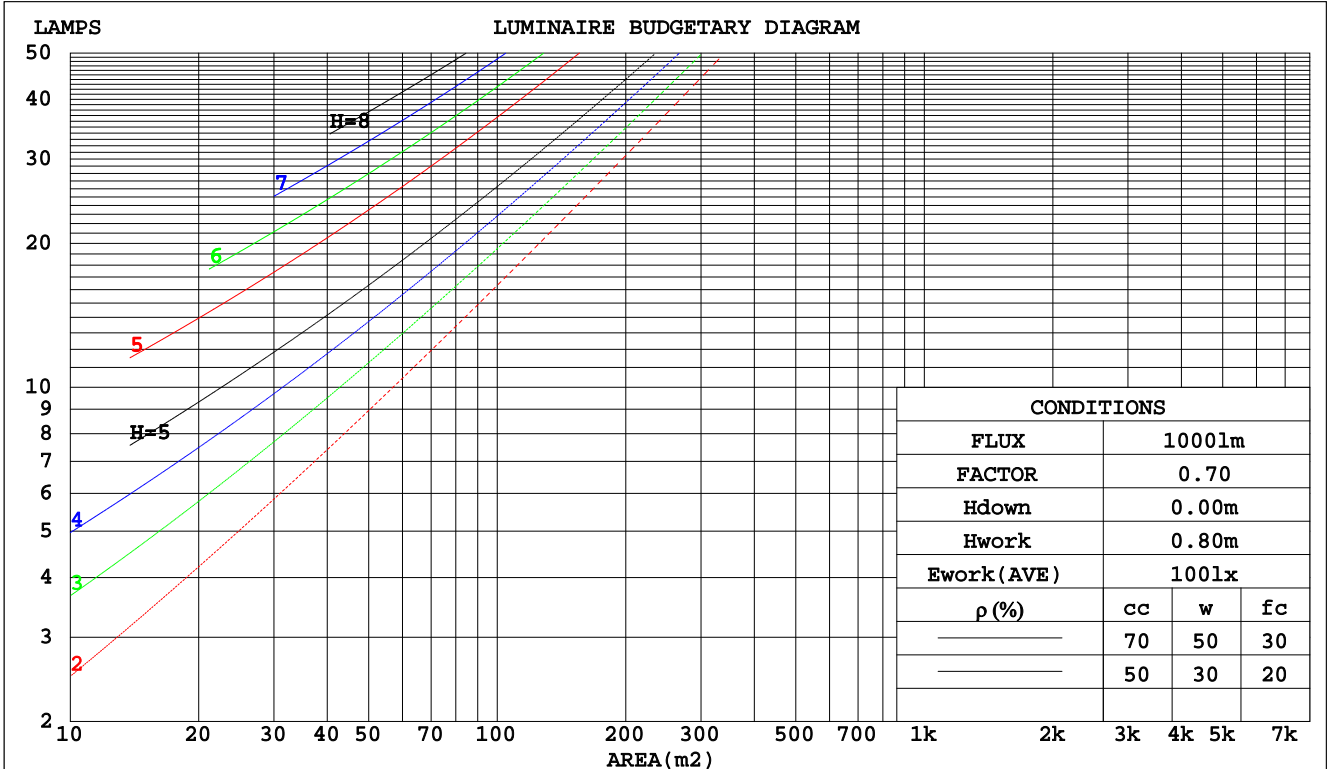
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz		
Lamp Flux:1412.86x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.11	1.11	1.11	1.04	1.04	1.04	.92	.92	.92	.81	.81	.81	.70	.70	.70	.65
1.0	.92	.86	.81	.86	.81	.77	.75	.71	.68	.65	.62	.60	.56	.54	.52	.47
2.0	.78	.70	.64	.73	.66	.60	.64	.58	.54	.55	.51	.47	.48	.44	.41	.37
3.0	.67	.59	.51	.63	.55	.49	.55	.49	.44	.48	.43	.38	.41	.37	.34	.30
4.0	.59	.50	.43	.55	.47	.40	.48	.42	.36	.42	.37	.32	.36	.32	.28	.25
5.0	.52	.43	.36	.49	.41	.34	.43	.36	.31	.37	.32	.27	.32	.28	.24	.21
6.0	.47	.37	.31	.44	.35	.29	.39	.32	.26	.34	.28	.23	.29	.24	.21	.18
7.0	.42	.33	.27	.39	.31	.26	.35	.28	.23	.30	.25	.20	.26	.22	.18	.15
8.0	.38	.29	.24	.36	.28	.22	.32	.25	.20	.28	.22	.18	.24	.19	.16	.14
9.0	.35	.26	.21	.33	.25	.20	.29	.22	.18	.25	.20	.16	.22	.18	.14	.12
10.0	.32	.24	.19	.30	.23	.18	.27	.20	.16	.23	.18	.14	.20	.16	.13	.11



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 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	.387	.220	.070	.369	.210	.067	.336	.193	.061	.305	.176	.056	.277	.161	.052	
2.0	.331	.181	.056	.315	.173	.053	.284	.158	.049	.256	.144	.045	.231	.130	.041	
3.0	.292	.155	.047	.278	.149	.045	.250	.135	.041	.224	.123	.038	.201	.111	.034	
4.0	.262	.136	.040	.249	.130	.039	.224	.119	.035	.200	.108	.032	.179	.097	.030	
5.0	.238	.121	.035	.226	.116	.034	.203	.106	.031	.181	.096	.028	.161	.086	.026	
6.0	.218	.109	.031	.207	.104	.030	.185	.095	.028	.166	.086	.025	.147	.077	.023	
7.0	.201	.099	.028	.190	.095	.027	.171	.086	.025	.153	.078	.023	.135	.070	.021	
8.0	.186	.091	.026	.177	.087	.025	.158	.079	.023	.141	.072	.021	.125	.064	.019	
9.0	.173	.084	.023	.165	.080	.023	.148	.073	.021	.132	.066	.019	.117	.059	.017	
10.0	.162	.078	.022	.154	.074	.021	.138	.068	.019	.124	.061	.017	.110	.055	.016	

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	.455	.455	.455	.389	.389	.389	.265	.265	.265	.152	.152	.152	.049	.049	.049	
1.0	.452	.422	.395	.387	.362	.340	.265	.249	.235	.152	.144	.137	.049	.046	.044	
2.0	.446	.400	.361	.382	.344	.312	.262	.238	.218	.151	.139	.128	.048	.045	.042	
3.0	.438	.384	.341	.376	.331	.295	.258	.230	.207	.149	.134	.122	.048	.044	.040	
4.0	.431	.372	.327	.370	.321	.284	.254	.224	.200	.147	.131	.118	.047	.043	.039	
5.0	.423	.363	.318	.364	.314	.276	.250	.219	.195	.145	.129	.116	.047	.042	.038	
6.0	.416	.355	.311	.358	.307	.271	.247	.215	.192	.143	.127	.114	.046	.041	.038	
7.0	.409	.349	.306	.352	.302	.267	.243	.212	.189	.141	.125	.113	.046	.041	.037	
8.0	.403	.343	.302	.347	.298	.264	.240	.209	.187	.140	.123	.111	.045	.040	.037	
9.0	.397	.339	.299	.342	.294	.261	.237	.207	.185	.138	.122	.111	.045	.040	.037	
10.0	.391	.335	.297	.337	.291	.259	.234	.204	.184	.136	.121	.110	.044	.040	.036	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.617m [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:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz										
Lamp Flux:1412.86x1 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	16.7	17.9	17.4	18.6	19.5	13.4	14.6	14.1	15.4	16.2
3H	19.7	20.8	20.4	21.5	22.4	15.0	16.0	15.7	16.8	17.7
4H	21.3	22.4	22.1	23.1	24.1	15.5	16.6	16.3	17.3	18.3
6H	23.3	24.2	24.0	25.0	26.0	15.9	16.9	16.7	17.7	18.6
8H	24.3	25.3	25.1	26.1	27.0	16.0	17.0	16.8	17.7	18.7
12H	25.6	26.5	26.4	27.3	28.3	16.0	16.9	16.8	17.7	18.7
4H 2H	17.2	18.2	17.9	19.0	19.9	15.0	16.0	15.7	16.8	17.7
3H	20.4	21.3	21.2	22.1	23.1	16.7	17.6	17.5	18.4	19.4
4H	22.3	23.1	23.1	23.9	24.9	17.5	18.3	18.3	19.2	20.2
6H	24.4	25.2	25.3	26.0	27.0	18.1	18.9	19.0	19.7	20.7
8H	25.6	26.3	26.5	27.2	28.2	18.3	19.0	19.2	19.9	20.9
12H	27.0	27.7	27.9	28.5	29.6	18.5	19.1	19.3	19.9	21.0
8H 4H	22.6	23.3	23.4	24.1	25.2	19.0	19.7	19.8	20.5	21.6
6H	25.0	25.6	25.9	26.5	27.6	20.0	20.6	20.9	21.5	22.6
8H	26.5	27.0	27.4	27.9	29.0	20.5	21.0	21.4	21.9	23.0
12H	28.2	28.6	29.1	29.5	30.7	20.8	21.3	21.7	22.2	23.3
12H 4H	22.6	23.2	23.4	24.1	25.2	19.5	20.1	20.3	21.0	22.1
6H	25.1	25.7	26.0	26.5	27.7	20.9	21.4	21.7	22.3	23.4
8H	26.7	27.2	27.6	28.1	29.2	21.5	22.0	22.4	22.9	24.0
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	+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 1413 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.2)
 Area: 0.07248 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 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	42	29	22	40	29	22	38	27	21	14
0.80	51	37	29	49	36	29	45	34	27	19
1.00	58	45	36	56	43	35	51	42	33	23
1.25	65	52	43	62	50	42	56	46	39	28
1.50	70	58	48	67	55	47	60	51	44	31
2.00	78	66	57	74	63	55	66	57	51	36
2.50	83	72	63	78	68	61	70	62	55	39
3.00	87	77	68	82	73	65	73	65	60	42
4.00	92	83	76	86	79	72	76	70	65	46
5.00	95	87	81	89	82	77	79	74	69	49
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:2022-12-09

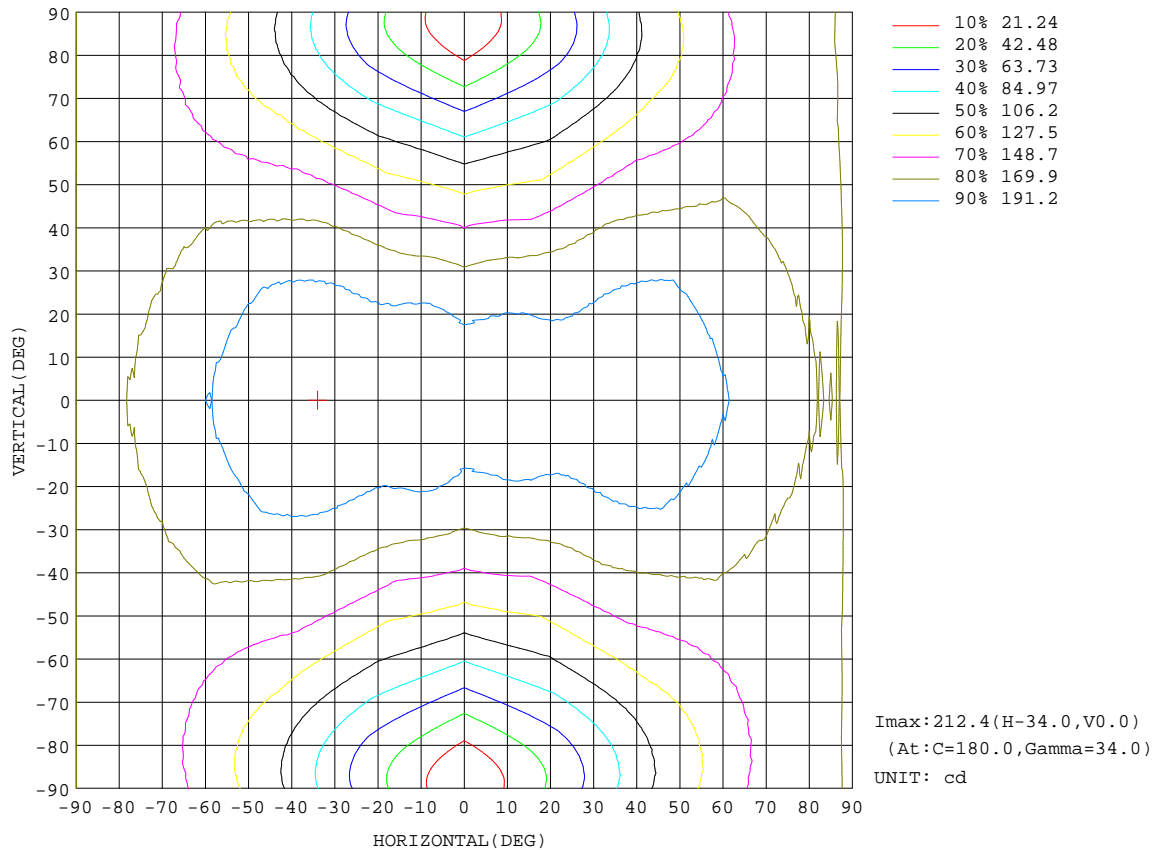
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 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: 2022-12-09

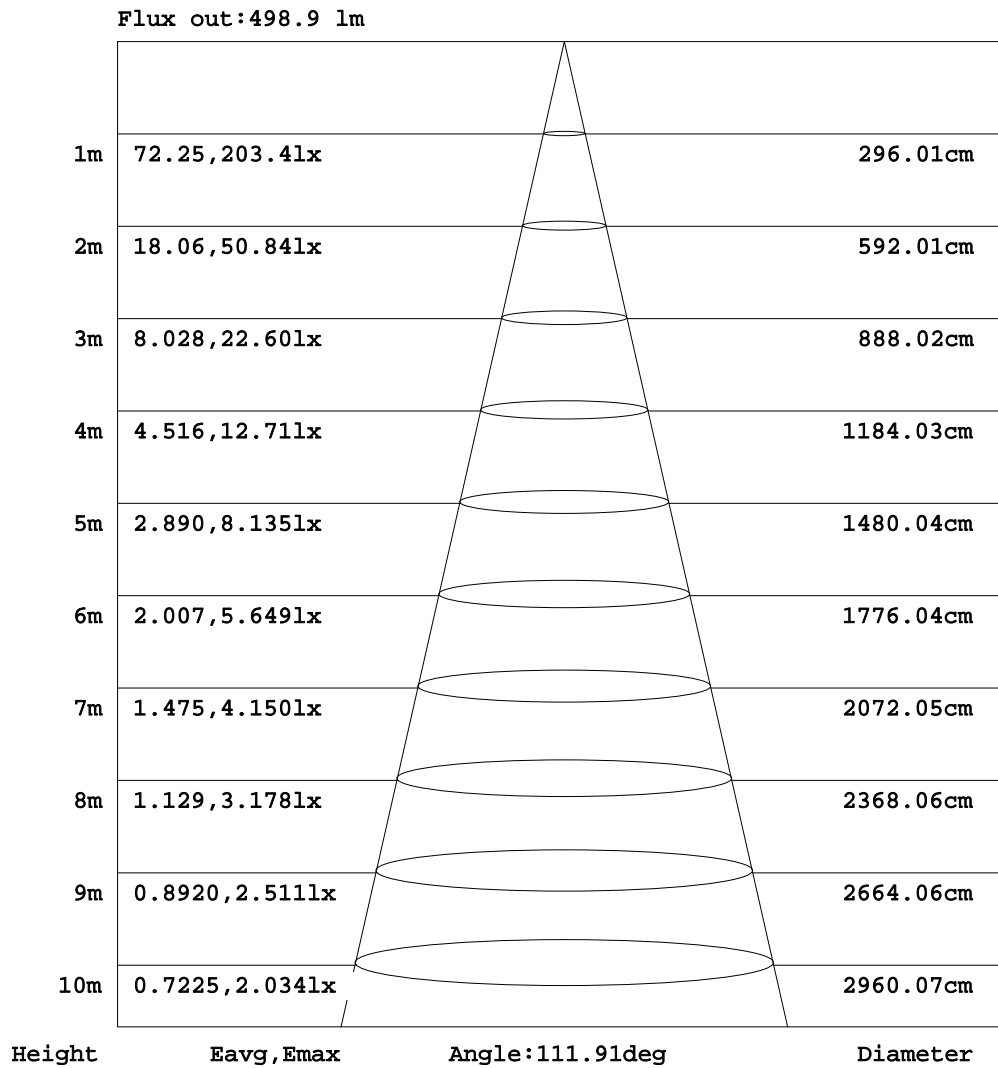
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 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:2022-12-09

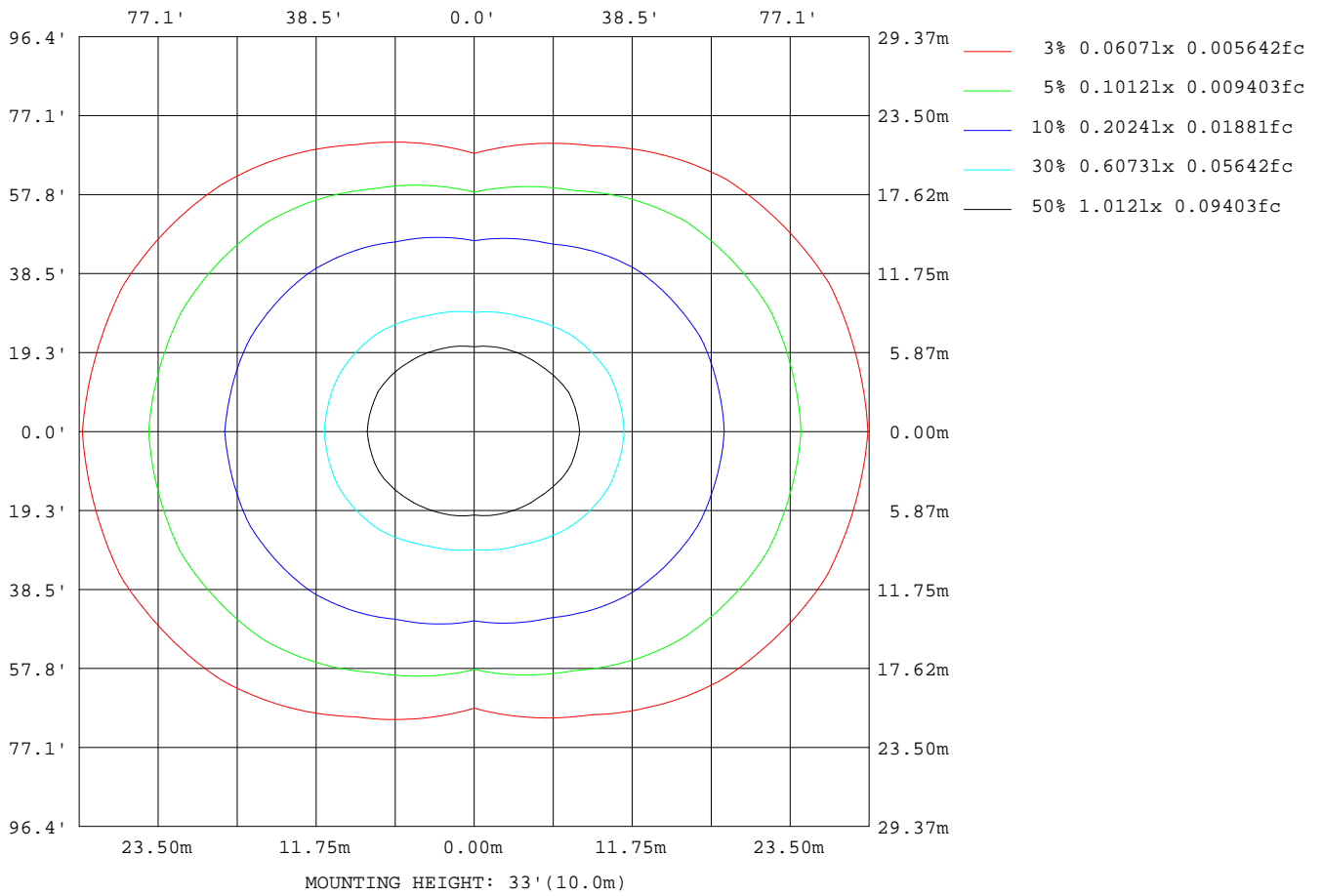
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 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: 2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LED Avg.L Report

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	6064
L_0~180(75)av	9290
L_0~180(85)av	26651
L_90~270(65)av	2292
L_90~270(75)av	1827
L_90~270(85)av	795
L_45(65)av	4682
L_45(75)av	6601
L_45(85)av	17690

Standard: GB/T 29293-2012

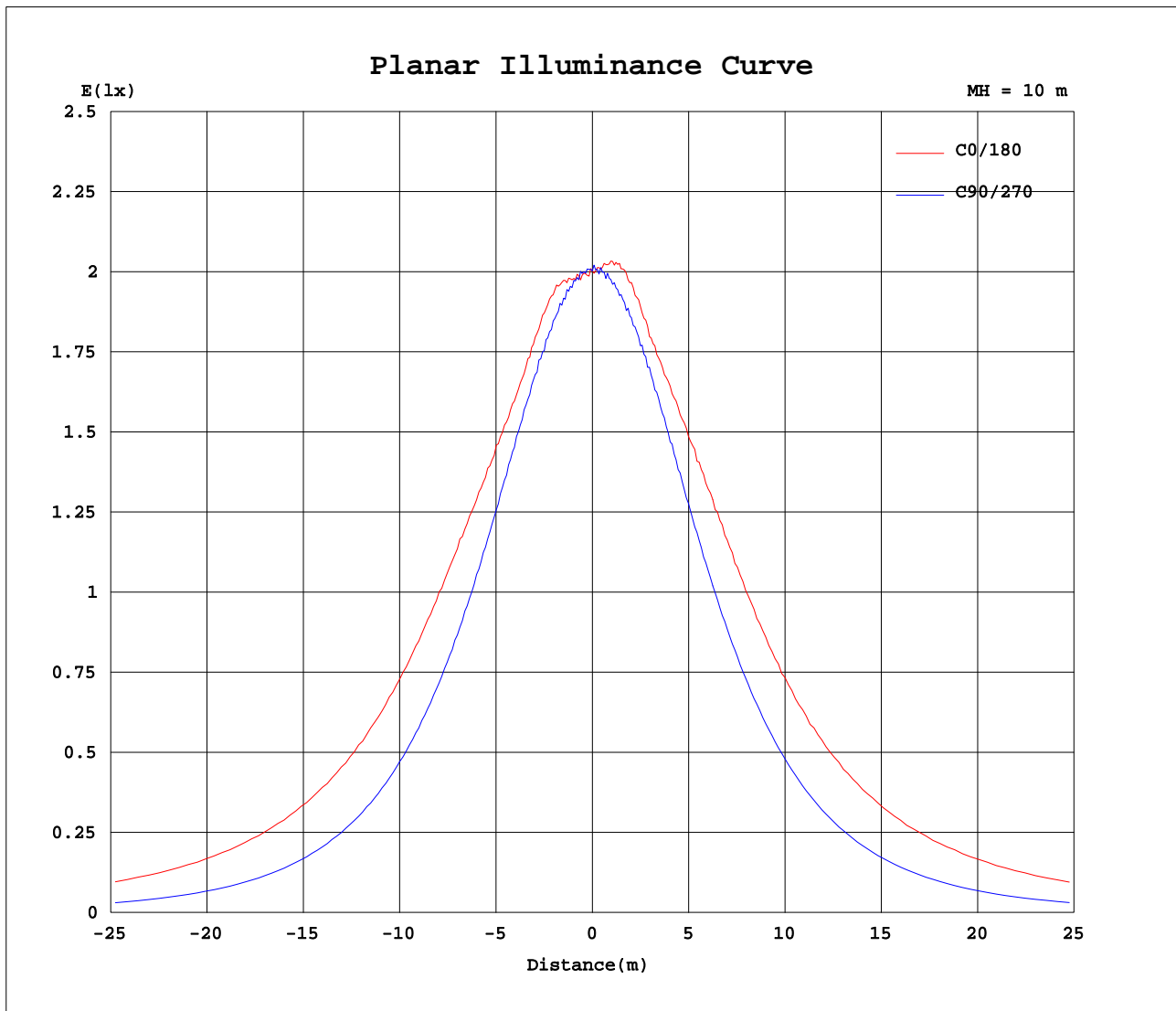
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-12-09

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.617m [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: 2022-12-09

γ Range: 0 - 180DEG
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 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.617m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.2347A P:27.960W PF:0.9916 Freq:60.00Hz Lamp Flux:1412.86x1 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	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200			
5	200	200	199	198	199	200	203	204	205	204	202	200	200	199	199	200			
10	205	203	200	196	196	201	206	208	209	208	206	201	197	198	201	204			
15	205	203	201	193	192	198	204	205	206	206	204	199	193	195	202	204			
20	201	199	198	190	185	195	199	203	205	204	200	197	188	192	199	201			
25	201	197	190	185	178	188	193	202	207	203	195	190	181	187	192	198			
30	204	198	185	177	169	180	190	204	211	205	192	182	171	180	187	199			
35	207	199	181	167	158	169	185	204	212	205	188	171	161	170	183	200			
40	207	199	177	156	146	158	183	202	211	203	185	161	149	159	180	201			
45	206	196	173	144	133	146	177	198	207	199	179	150	136	147	176	199			
50	202	192	167	133	118	136	171	193	203	194	173	139	121	135	171	196			
55	198	186	159	121	103	124	163	187	196	186	163	127	105	123	164	190			
60	192	180	151	109	86.4	112	154	180	191	180	154	115	88.2	112	156	184			
65	187	173	141	97.1	69.7	99.2	144	173	185	172	143	101	70.7	99.5	147	177			
70	180	165	131	83.9	51.9	86.2	134	166	180	165	133	87.0	52.1	86.5	137	171			
75	176	159	121	70.9	34.4	72.7	125	160	173	158	122	72.6	34.1	73.3	128	164			
80	171	153	113	58.6	17.9	61.0	117	155	169	152	115	60.1	17.4	61.5	120	159			
85	170	151	108	51.1	5.32	53.6	113	152	166	149	109	52.1	4.72	54.1	117	156			
90	172	152	110	51.3	0.71	54.4	115	155	170	152	111	52.5	0.68	55.2	119	160			
95	179	158	115	55.7	0.94	57.8	119	159	174	156	114	56.1	1.10	60.1	124	165			
100	181	161	119	59.6	2.32	59.0	122	163	178	159	118	57.6	2.37	63.7	128	169			
105	184	164	121	56.5	4.07	53.0	122	164	178	160	119	50.7	3.94	58.8	131	171			
110	183	164	121	49.2	6.08	45.1	114	162	178	159	112	42.2	5.73	50.8	128	170			
115	181	161	110	41.1	8.15	36.8	101	150	169	147	98.6	33.3	7.74	42.3	116	166			
120	167	146	97.1	33.5	10.0	34.1	87.9	132	151	131	84.6	29.9	9.26	36.5	102	151			
125	148	129	82.4	31.1	11.8	32.6	72.7	113	131	112	69.4	28.8	10.7	34.0	86.0	132			
130	126	109	67.5	30.9	13.4	31.2	58.4	94.0	109	91.6	54.1	27.7	11.9	30.7	69.6	112			
135	105	89.1	53.3	30.0	15.6	29.9	48.5	75.5	86.9	72.5	45.0	26.8	13.9	32.0	55.1	90.6			
140	82.1	69.8	46.0	29.1	18.8	28.9	45.1	58.5	68.1	56.2	42.0	26.1	16.3	30.8	48.8	71.1			
145	62.0	54.1	42.6	28.3	20.9	27.7	41.3	51.3	54.4	49.0	38.7	25.1	19.5	29.5	44.8	55.5			
150	52.7	48.6	39.3	27.4	22.2	26.2	37.5	46.0	48.6	44.3	35.5	24.6	21.9	28.5	40.8	49.6			
155	46.6	43.5	35.7	26.9	23.5	26.7	33.9	40.6	42.7	39.3	32.1	24.8	23.3	27.7	36.7	44.0			
160	40.2	37.9	32.2	25.4	23.8	26.5	30.6	35.0	36.9	34.2	28.9	25.1	24.1	27.3	32.4	38.3			
165	34.0	32.6	29.1	20.5	18.3	23.3	28.2	30.2	31.1	29.7	27.2	24.7	18.9	25.2	29.7	32.8			
170	29.5	28.7	20.1	14.8	15.9	17.0	20.2	27.0	28.0	27.1	25.3	14.1	14.4	17.3	27.6	29.3			
175	27.3	17.3	15.7	18.2	17.6	17.3	17.1	16.6	25.2	24.9	16.9	13.9	15.3	15.5	21.3	25.9			
180	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0			

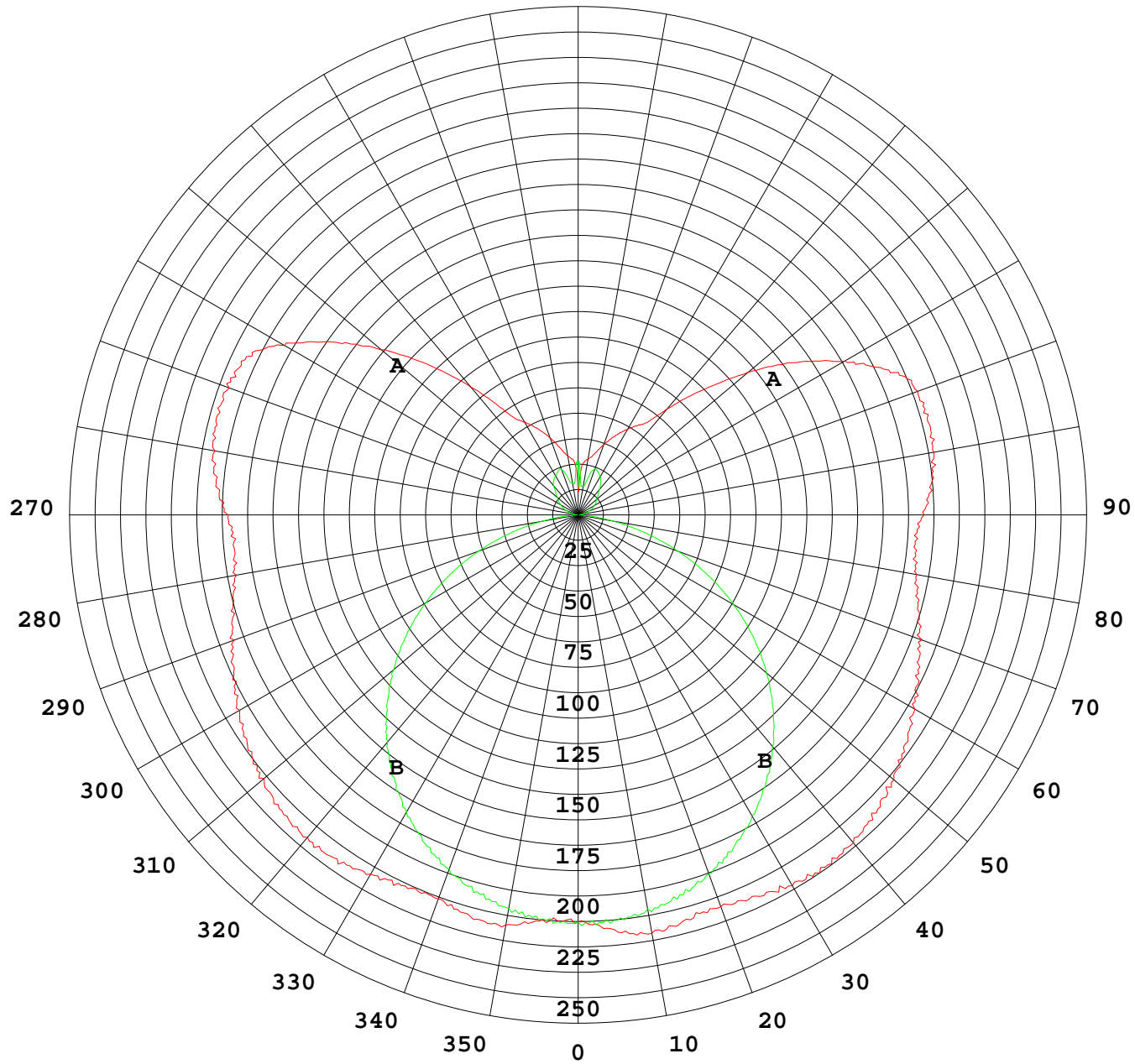
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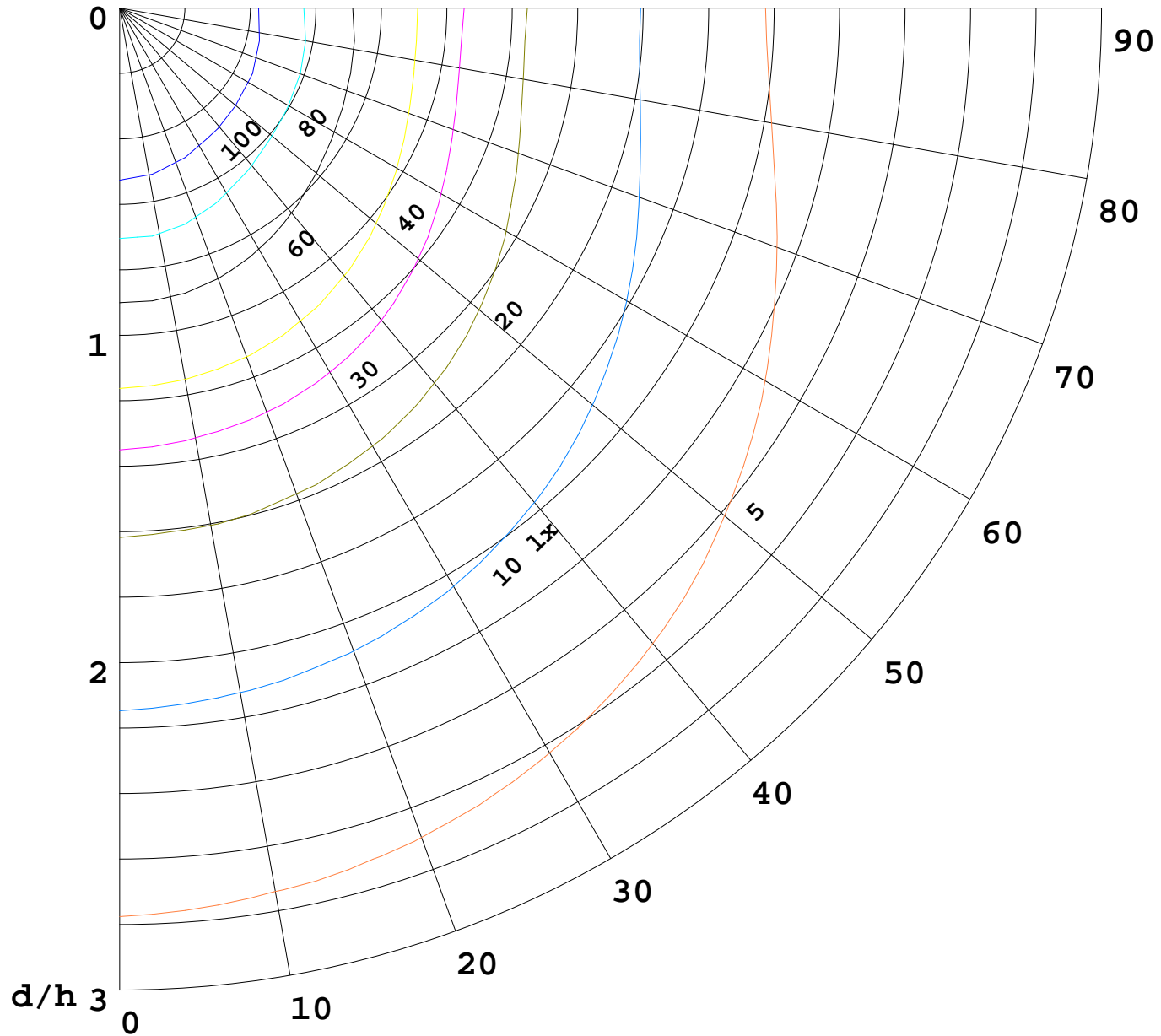
Assessor: Akin Xu

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

