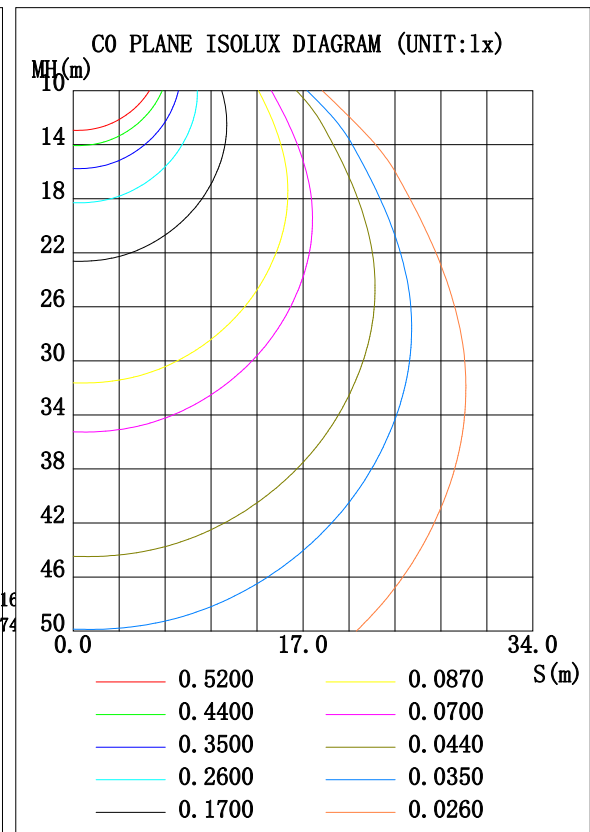
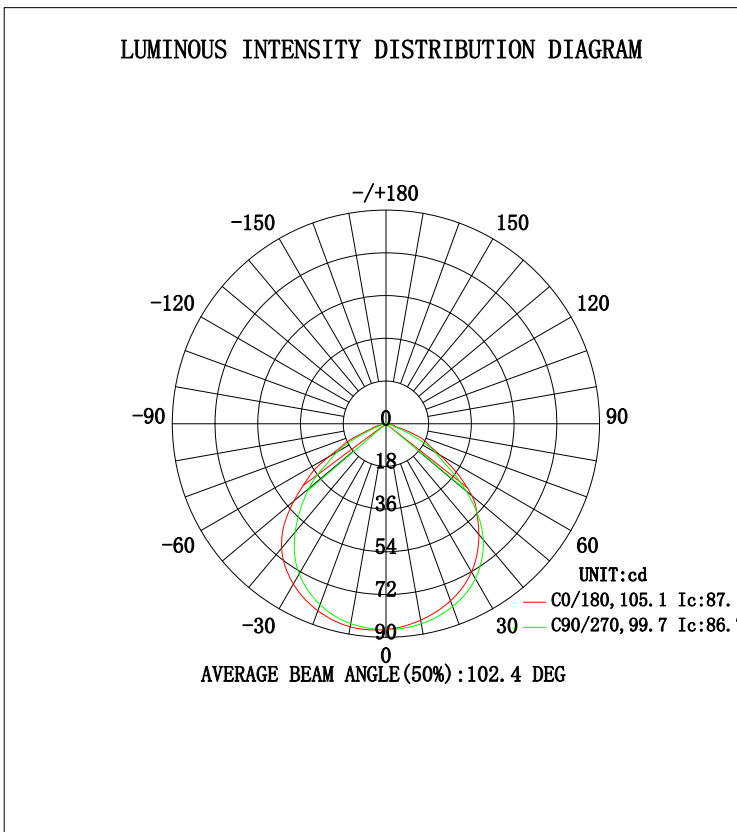


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 88.13 lm/W
MODEL	CTB210-WE	I _{max} (cd)	87.16	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	2.5	LOR (%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	4.48	TOTAL FLUX (lm)	210.24	η UP, DN(C0-180)	0.1, 49.6	
NOMINAL FLUX (lm)	210.238	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 50.2	
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	4.48	η down (%)	99.8	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2018-08-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.718m [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	86.89	86.63	85.50	84.35	84.06	84.45	85.61	86.52	0- 10	8.219	8.219	3.91, 3.91
20	83.86	83.74	81.20	79.59	79.42	80.12	81.99	83.45	10- 20	23.70	31.92	15.2, 15.2
30	78.01	77.19	73.11	72.03	72.09	73.36	75.36	77.31	20- 30	36.25	68.17	32.4, 32.4
40	68.45	66.39	59.53	61.21	60.88	63.10	63.79	67.82	30- 40	43.69	111.9	53.2, 53.2
50	50.63	49.15	42.39	45.98	47.27	47.79	44.09	52.76	40- 50	43.32	155.2	73.8, 73.8
60	27.79	26.10	23.66	27.96	25.88	27.85	23.76	28.09	50- 60	33.05	188.2	89.5, 89.5
70	7.458	8.377	4.033	8.634	11.65	9.777	5.438	8.999	60- 70	16.72	204.9	97.5, 97.5
80	1.184	1.195	0.6417	1.111	2.036	1.717	0.6721	1.294	70- 80	4.127	209.1	99.4, 99.4
90	0.1440	0.0921	0.0293	0.4074	0.2023	0.2684	0.0395	0.1947	80- 90	0.7428	209.8	99.8, 99.8
100	0.0064	0.0059	0.0223	0.6449	0.0061	0.2746	0.0223	0.0810	90-100	0.1632	210.0	99.9, 99.9
110	0.0073	0.0165	0.0122	0.0483	0.0094	0.0372	0.0101	0.0156	100-110	0.0320	210.0	99.9, 99.9
120	0.0164	0.0168	0.0266	0.0187	0.0201	0.0230	0.0281	0.0223	110-120	0.0210	210.0	99.9, 99.9
130	0.0271	0.0272	0.0315	0.0321	0.0369	0.0437	0.0426	0.0367	120-130	0.0256	210.1	99.9, 99.9
140	0.0490	0.0558	0.0592	0.0564	0.0642	0.0708	0.0737	0.0657	130-140	0.0362	210.1	99.9, 99.9
150	0.0688	0.0763	0.0807	0.0755	0.1054	0.1216	0.1272	0.1165	140-150	0.0493	210.1	100, 100
160	0.0910	0.0950	0.0948	0.0902	0.1502	0.1631	0.1697	0.1605	150-160	0.0520	210.2	100, 100
170	0.1041	0.1041	0.0945	0.0960	0.1620	0.1618	0.1687	0.1668	160-170	0.0375	210.2	100, 100
180	0.1373	0.1298	0.1241	0.1290	0.1355	0.1313	0.1238	0.1302	170-180	0.0124	210.2	100, 100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

Conical surface Flux(90deg): 134.15 lm

%lum = 63.8%

%lamp = 63.8%

Conical surface Flux(120deg): 188.22 lm

%lum = 89.5%

%lamp = 89.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2018-08-02

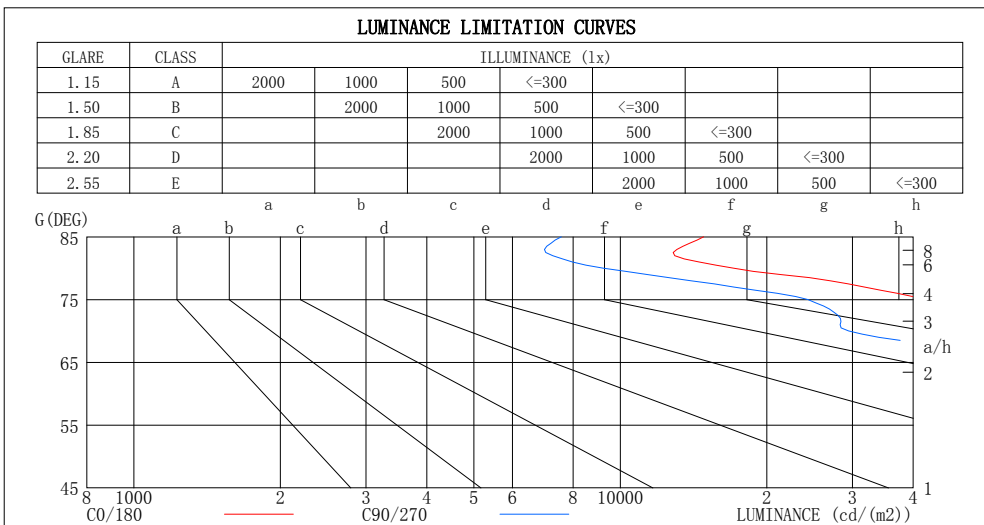
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14825	7564
80	17103	9231
75	42909	24306
70	54680	29456
65	106330	78548
60	139383	118218
55	175690	140160
50	197512	164758
45	215913	180347

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2018-08-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

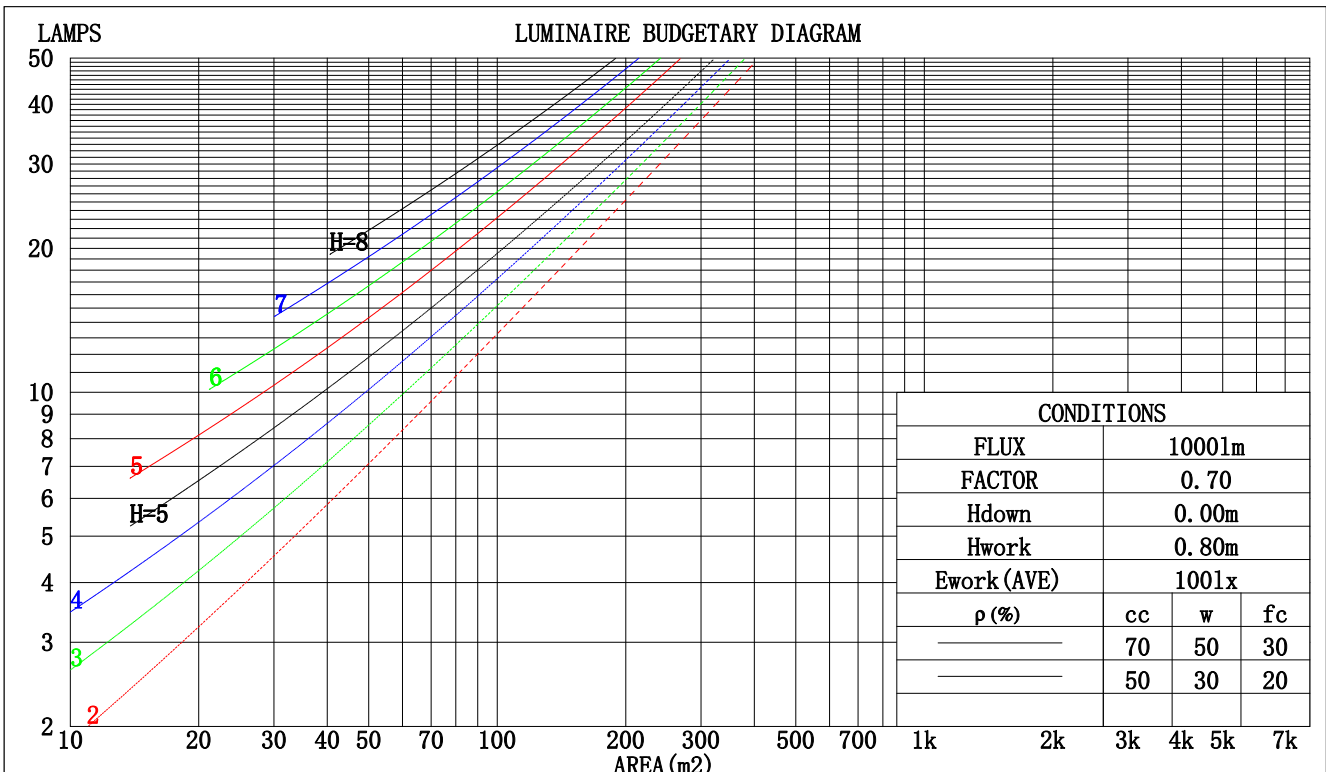
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.07	1.03	.00	1.04	1.01	.98	1.00	.98	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.83	.76	.71	.80	.74	.69	.77	.72	.68	.75	.71	.67	.65
4.0	.75	.67	.61	.74	.67	.61	.72	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.68	.59	.53	.67	.59	.53	.65	.58	.52	.63	.57	.52	.61	.56	.51	.49
6.0	.61	.53	.47	.60	.52	.47	.59	.52	.46	.57	.51	.46	.55	.50	.46	.44
7.0	.56	.47	.42	.55	.47	.42	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.37	.50	.43	.37	.49	.42	.37	.48	.41	.37	.47	.41	.37	.35
9.0	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.43	.37	.33	.31
10.0	.43	.36	.31	.43	.35	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2018-08-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	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	.256	.146	.046	.249	.142	.045	.236	.135	.043	.224	.129	.041	.213	.123	.040	
2.0	.250	.137	.042	.244	.134	.041	.233	.129	.040	.222	.125	.039	.212	.120	.038	
3.0	.238	.127	.038	.233	.125	.038	.223	.121	.037	.213	.117	.036	.205	.113	.035	
4.0	.224	.117	.034	.220	.115	.034	.211	.112	.033	.202	.109	.033	.195	.106	.032	
5.0	.211	.107	.031	.207	.106	.031	.199	.103	.030	.191	.101	.030	.184	.099	.030	
6.0	.198	.099	.028	.194	.098	.028	.187	.096	.028	.181	.094	.028	.174	.092	.027	
7.0	.186	.092	.026	.183	.091	.026	.177	.089	.026	.171	.087	.025	.165	.086	.025	
8.0	.175	.086	.024	.172	.085	.024	.167	.083	.024	.161	.082	.024	.156	.080	.023	
9.0	.165	.080	.022	.163	.079	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.156	.075	.021	.154	.074	.021	.149	.073	.021	.145	.072	.020	.141	.071	.020	

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.178	.158	.140	.152	.136	.121	.104	.093	.083	.060	.054	.049	.019	.017	.016	
2.0	.168	.134	.105	.144	.115	.090	.099	.080	.063	.057	.046	.037	.018	.015	.012	
3.0	.160	.116	.080	.137	.100	.070	.094	.069	.049	.054	.040	.029	.017	.013	.009	
4.0	.152	.102	.064	.131	.088	.055	.090	.061	.039	.052	.036	.023	.017	.012	.008	
5.0	.145	.091	.052	.125	.079	.045	.086	.055	.032	.050	.032	.019	.016	.011	.006	
6.0	.139	.083	.043	.119	.072	.037	.082	.050	.026	.048	.030	.016	.015	.010	.005	
7.0	.132	.076	.037	.114	.066	.032	.079	.046	.023	.046	.027	.013	.015	.009	.004	
8.0	.126	.070	.032	.109	.061	.028	.075	.043	.020	.044	.025	.012	.014	.008	.004	
9.0	.121	.065	.028	.104	.057	.024	.072	.040	.017	.042	.024	.010	.014	.008	.003	
10.0	.115	.061	.025	.099	.053	.022	.069	.037	.015	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2018-08-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.718m [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:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm										
NAME: 1					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	36.2	37.6	36.5	37.8	38.0	35.3	36.7	35.6	36.9	37.1
3H	36.5	37.8	36.8	38.0	38.3	35.5	36.7	35.8	37.0	37.2
4H	36.5	37.8	36.9	38.0	38.3	35.4	36.6	35.7	36.9	37.1
6H	36.5	37.6	36.8	37.9	38.2	35.3	36.5	35.6	36.7	37.0
8H	36.4	37.5	36.8	37.8	38.1	35.3	36.4	35.6	36.6	36.9
12H	36.4	37.4	36.7	37.7	38.0	35.2	36.3	35.6	36.6	36.9
4H 2H	36.4	37.6	36.7	37.8	38.1	35.6	36.9	36.0	37.1	37.4
3H	36.8	37.8	37.1	38.1	38.4	35.8	36.9	36.2	37.2	37.5
4H	36.8	37.8	37.2	38.1	38.4	35.8	36.7	36.2	37.1	37.4
6H	36.8	37.6	37.2	38.0	38.3	35.7	36.6	36.1	36.9	37.3
8H	36.8	37.5	37.2	37.9	38.3	35.7	36.5	36.1	36.8	37.2
12H	36.7	37.4	37.2	37.8	38.2	35.6	36.3	36.1	36.7	37.1
8H 4H	36.7	37.5	37.2	37.9	38.3	35.7	36.5	36.1	36.9	37.2
6H	36.7	37.4	37.2	37.8	38.2	35.7	36.3	36.1	36.7	37.1
8H	36.7	37.3	37.2	37.7	38.1	35.6	36.2	36.1	36.6	37.1
12H	36.7	37.1	37.2	37.6	38.1	35.6	36.1	36.1	36.5	37.0
12H 4H	36.7	37.4	37.1	37.8	38.2	35.7	36.4	36.1	36.8	37.2
6H	36.7	37.2	37.2	37.7	38.1	35.6	36.2	36.1	36.6	37.1
8H	36.7	37.1	37.1	37.6	38.1	35.6	36.1	36.1	36.5	37.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.9 / - 1.1				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.7				
2.0H	+ 1.1 / - 1.6					+ 0.9 / - 1.2				

CIE Pub.117, 210.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.4)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2018-08-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	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	62	51	44	61	51	44	60	50	44	38
0.80	72	62	55	71	61	55	70	61	55	48
1.00	81	71	65	80	71	65	78	72	64	58
1.25	88	79	73	87	78	72	84	77	72	65
1.50	93	84	78	91	84	78	89	82	77	70
2.00	99	92	87	97	91	86	94	89	84	77
2.50	102	96	91	101	95	90	97	92	88	80
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	99	102	99	96	88
5.00	111	107	103	108	105	102	104	101	98	90
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: 25.3DEG
 Operators: Near
 Test Date: 2018-08-02

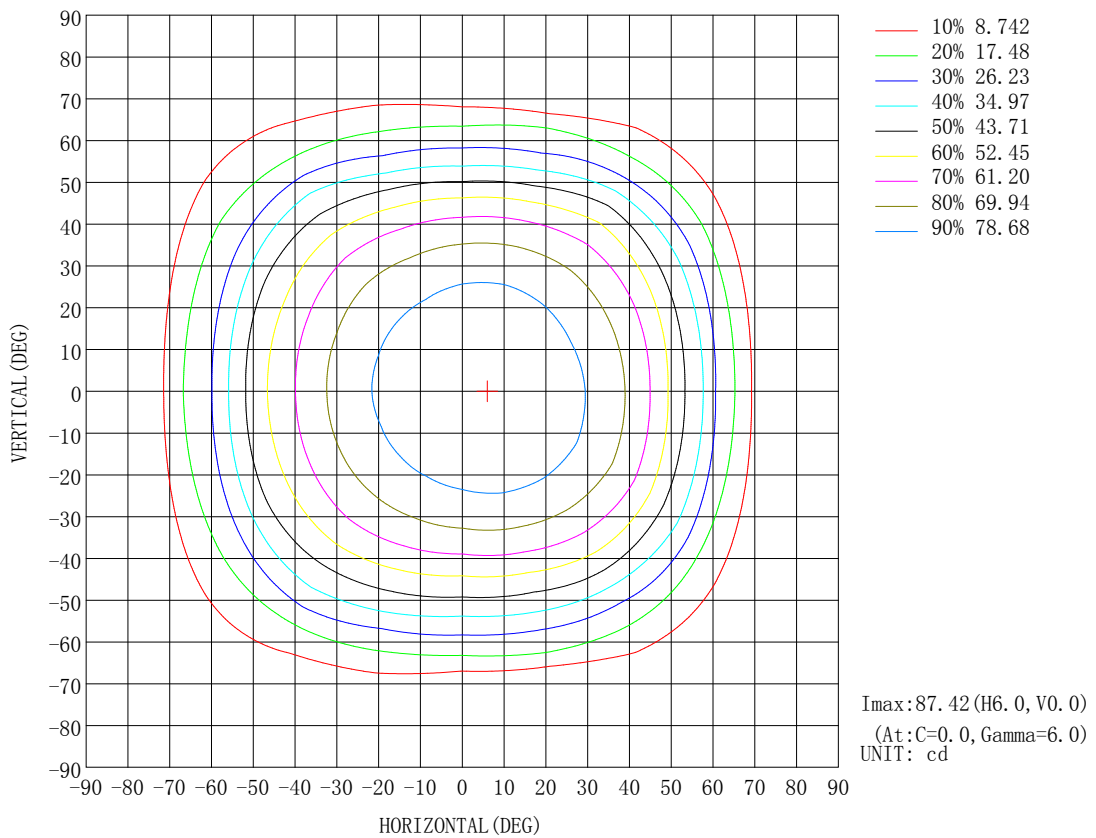
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2018-08-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

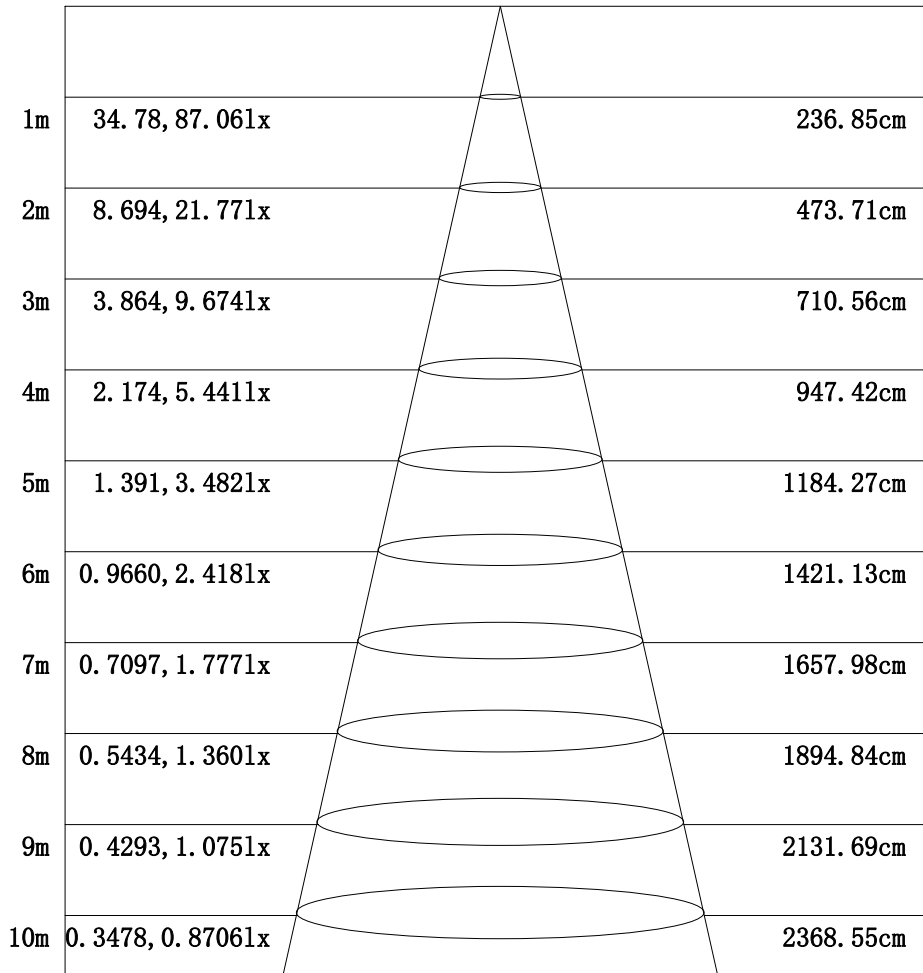
Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Flux out:155.2 lm



Height Eavg, Emax Angle:99.64deg Diameter

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:25.3DEG
 Operators:Near
 Test Date:2018-08-02

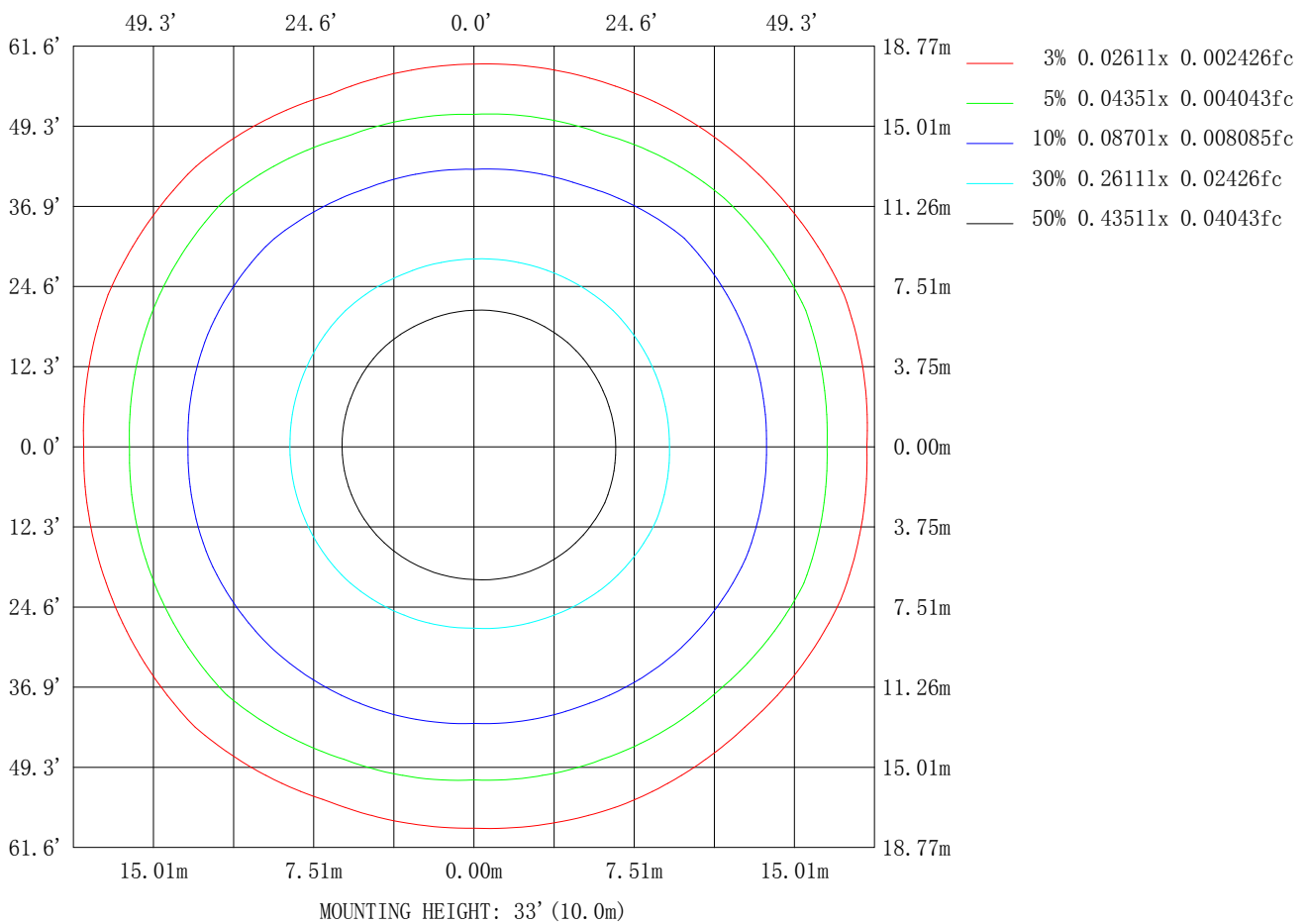
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2018-08-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.718m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LED Avg. L Report

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NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65) av	108748
L_0~180(75) av	37221
L_0~180(85) av	19584
L_90~270(65) av	81086
L_90~270(75) av	25864
L_90~270(85) av	8096
L_45(65) av	99547
L_45(75) av	38121
L_45(85) av	26121

Standard: GB/T 29293-2012

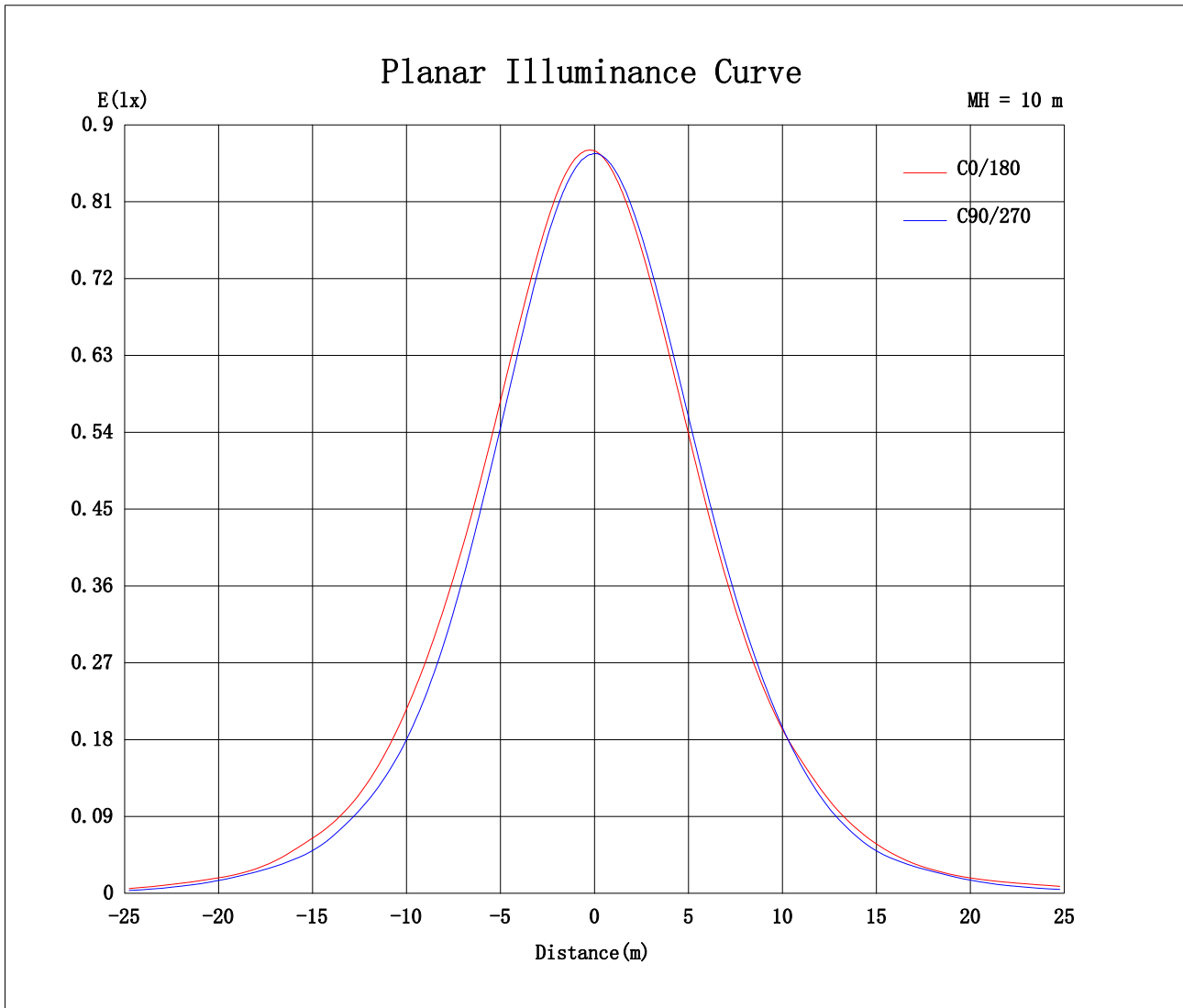
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:4.480V I:0.5325A P:2.386W PF:1.000 Freq:0Hz Lamp Flux:210.238x1 lm		
NAME: 1	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	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7			
5	87.1	87.1	87.0	86.8	86.4	86.1	85.8	85.6	85.6	85.7	85.9	86.1	86.5	86.7	86.9	87.1			
10	86.9	86.9	86.6	86.2	85.5	84.8	84.3	84.1	84.1	84.2	84.5	84.9	85.6	86.0	86.5	86.8			
15	85.7	85.9	85.6	84.9	83.8	82.9	82.3	82.0	82.0	82.1	82.5	83.1	84.1	84.7	85.4	85.6			
20	83.9	84.1	83.7	82.7	81.2	80.1	79.6	79.5	79.4	79.6	80.1	80.8	82.0	82.9	83.5	83.7			
25	81.3	81.7	80.9	79.5	77.6	76.5	76.2	76.2	76.2	76.5	77.1	77.7	79.2	80.2	80.8	81.0			
30	78.0	78.5	77.2	75.3	73.1	72.2	72.0	72.2	72.1	72.6	73.4	73.9	75.4	76.7	77.3	77.6			
35	73.8	74.4	72.4	69.7	67.1	66.8	67.1	67.1	67.0	67.6	68.8	68.9	70.2	71.9	73.1	73.5			
40	68.4	69.1	66.4	62.5	59.5	60.1	61.2	61.1	60.9	61.6	63.1	62.8	63.8	65.7	67.8	68.4			
45	60.9	62.0	58.6	53.6	51.0	52.3	54.1	54.3	54.2	54.8	56.1	54.9	55.1	57.6	61.0	61.5			
50	50.6	52.0	49.1	44.3	42.4	43.9	46.0	47.6	47.3	48.3	47.8	45.0	44.1	47.0	52.8	52.1			
55	40.2	40.6	37.7	34.7	32.2	35.0	37.5	37.8	36.9	38.4	38.9	33.7	32.2	35.1	41.6	41.2			
60	27.8	29.9	26.1	24.9	23.7	24.2	28.0	27.0	25.9	27.5	27.8	23.4	23.8	24.7	28.1	30.7			
65	17.9	16.6	16.8	16.1	13.3	15.7	16.4	18.0	18.8	19.0	17.0	15.7	14.1	16.9	17.1	18.3			
70	7.46	8.68	8.38	4.33	4.03	6.50	8.63	11.9	11.6	13.4	9.78	8.54	5.44	5.30	9.00	8.93			
75	4.43	4.54	2.99	2.72	2.52	2.73	3.70	3.21	3.28	3.88	5.29	2.61	2.84	3.19	3.81	4.86			
80	1.18	1.38	1.20	0.81	0.64	0.81	1.11	2.41	2.04	2.03	1.72	1.00	0.67	0.74	1.29	1.24			
85	0.52	0.54	0.67	0.34	0.26	0.34	1.46	1.03	0.85	0.88	1.05	0.61	0.30	0.32	0.46	0.53			
90	0.14	0.14	0.09	0.18	0.03	0.37	0.41	0.42	0.20	0.34	0.27	0.22	0.04	0.23	0.19	0.13			
95	0.01	0.01	0.03	0.10	0.03	0.89	0.34	0.11	0.01	0.10	0.34	0.68	0.02	0.26	0.15	0.02			
100	0.01	0.01	0.01	0.06	0.02	0.18	0.64	0.07	0.01	0.08	0.27	0.15	0.02	0.05	0.08	0.01			
105	0.01	0.01	0.03	0.01	0.01	0.01	0.03	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.01	0.01			
110	0.01	0.01	0.02	0.01	0.01	0.01	0.05	0.02	0.01	0.01	0.04	0.01	0.01	0.01	0.02	0.01			
115	0.01	0.01	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.06	0.02	0.03	0.02	0.01			
120	0.02	0.02	0.02	0.02	0.03	0.04	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.02	0.02			
125	0.02	0.02	0.02	0.03	0.03	0.04	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03			
130	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.03			
135	0.04	0.04	0.04	0.05	0.04	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.04			
140	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.06			
145	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.06	0.08	0.08	0.10	0.10	0.10	0.09	0.09	0.08			
150	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.11	0.11	0.12	0.13	0.13	0.12	0.12	0.11			
155	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.13	0.13	0.15	0.15	0.15	0.15	0.14	0.13			
160	0.09	0.10	0.09	0.10	0.09	0.10	0.09	0.09	0.15	0.15	0.16	0.17	0.17	0.17	0.16	0.15			
165	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.16	0.16	0.17	0.18	0.18	0.18	0.17	0.16			
170	0.10	0.11	0.10	0.10	0.09	0.10	0.10	0.10	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.16			
175	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.11	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15			
180	0.14	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.14	0.13	0.13	0.13	0.12	0.13	0.13	0.14			

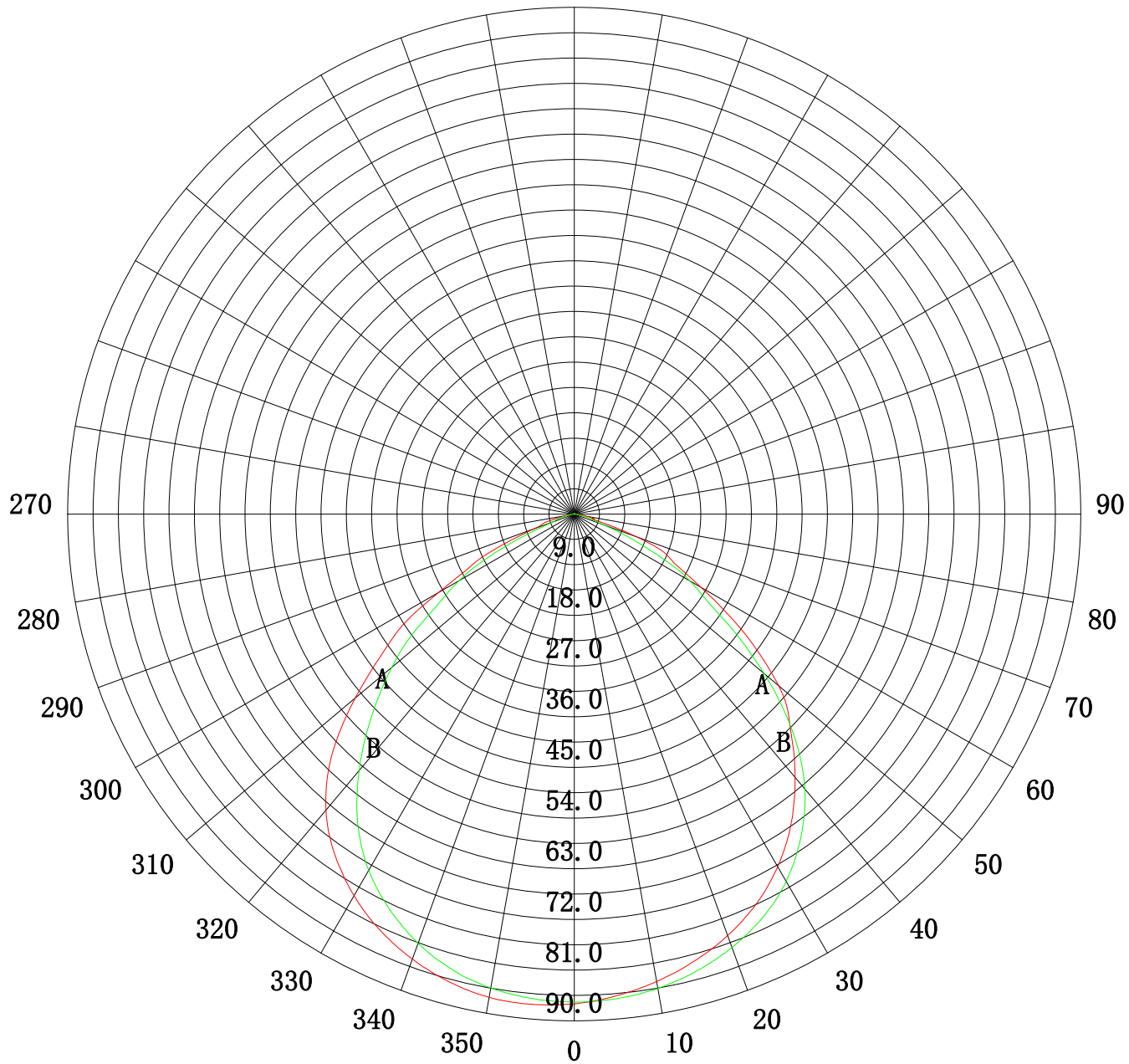
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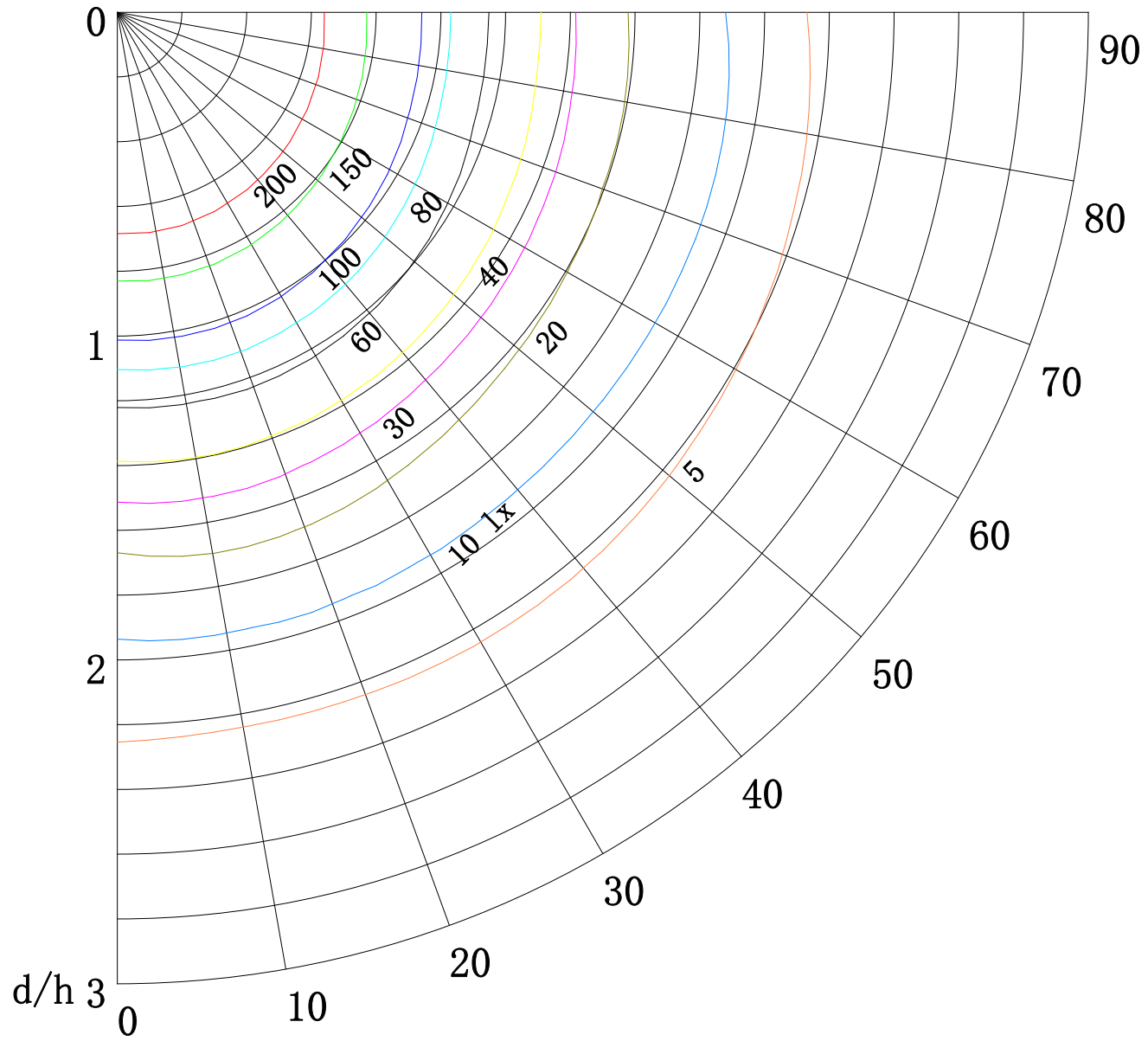
Assessor: Akin Xu

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
— (thin)	70	50	30
— (thick)	50	30	20

