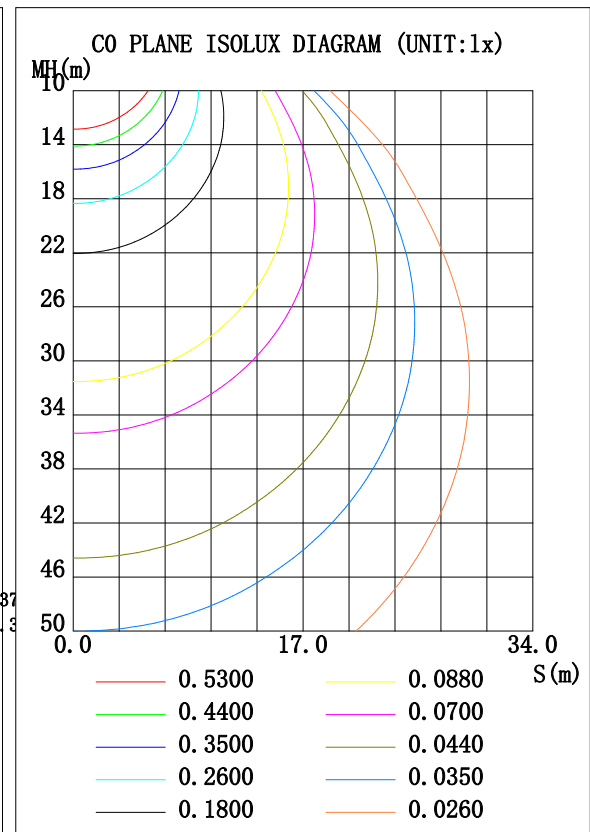
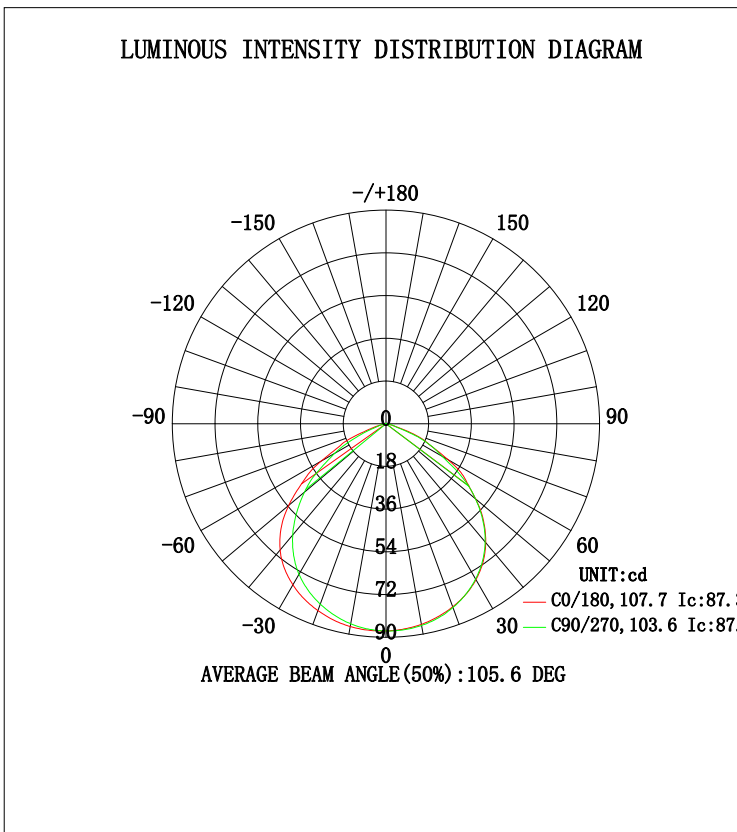


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 92.16 lm/W
MODEL	CTB210-PE	I <sub>max</sub> (cd)	87.37	S/MH(C0/180)	1.29	
NOMINAL POWER(W)	2.5	LOR (%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	4.48	TOTAL FLUX(1m)	218.98	η UP, DN(C0-180)	0.1, 49.1	
NOMINAL FLUX(1m)	218.984	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 50.8	
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	4.48	η down (%)	99.9	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Near  
 Test Date:2018-08-01

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	86.76	86.30	85.60	85.58	85.85	86.04	86.30	86.73	0- 10	8.278	8.278	3.78, 3.78
20	83.80	82.44	80.92	81.16	82.14	82.27	82.40	83.55	10- 20	23.88	32.16	14.7, 14.7
30	78.41	75.49	73.26	74.29	75.86	75.64	75.51	77.54	20- 30	36.61	68.77	31.4, 31.4
40	69.40	65.21	61.13	64.64	65.36	65.51	64.99	68.60	30- 40	44.49	113.3	51.7, 51.7
50	53.49	49.33	44.85	50.59	49.31	50.55	49.22	55.90	40- 50	45.07	158.3	72.3, 72.3
60	31.73	27.12	25.00	31.43	29.99	29.49	27.12	35.84	50- 60	36.12	194.5	88.8, 88.8
70	9.861	8.377	5.722	9.495	11.10	9.951	7.850	12.17	60- 70	19.29	213.7	97.6, 97.6
80	0.8047	0.8330	0.6614	1.128	0.9716	1.179	1.071	1.636	70- 80	4.425	218.2	99.6, 99.6
90	0.0284	0.0331	0.0297	0.1102	0.0397	0.1271	0.0975	0.0730	80- 90	0.5027	218.7	99.9, 99.9
100	0.0031	0.0074	0.0330	0.0398	0.0037	0.0544	0.0400	0.0247	90-100	0.0449	218.7	99.9, 99.9
110	0.0064	0.0214	0.0122	0.0526	0.0089	0.0604	0.0101	0.0303	100-110	0.0199	218.7	99.9, 99.9
120	0.0152	0.0229	0.0425	0.0321	0.0195	0.0409	0.0452	0.0290	110-120	0.0253	218.8	99.9, 99.9
130	0.0262	0.0305	0.0422	0.0312	0.0354	0.0434	0.0526	0.0385	120-130	0.0284	218.8	99.9, 99.9
140	0.0503	0.0586	0.0641	0.0553	0.0628	0.0712	0.0789	0.0682	130-140	0.0374	218.8	99.9, 99.9
150	0.0695	0.0791	0.0850	0.0746	0.1032	0.1211	0.1290	0.1181	140-150	0.0500	218.9	100, 100
160	0.0932	0.0953	0.0972	0.0896	0.1476	0.1616	0.1715	0.1584	150-160	0.0523	218.9	100, 100
170	0.1033	0.1031	0.0941	0.0945	0.1612	0.1622	0.1687	0.1663	160-170	0.0374	219.0	100, 100
180	0.1335	0.1292	0.1235	0.1287	0.1335	0.1304	0.1229	0.1290	170-180	0.0124	219.0	100, 100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

Conical surface Flux(90deg): 136.29 lm

%lum = 62.2%

%lamp = 62.2%

Conical surface Flux(120deg): 194.46 lm

%lum = 88.8%

%lamp = 88.8%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Near  
 Test Date:2018-08-01

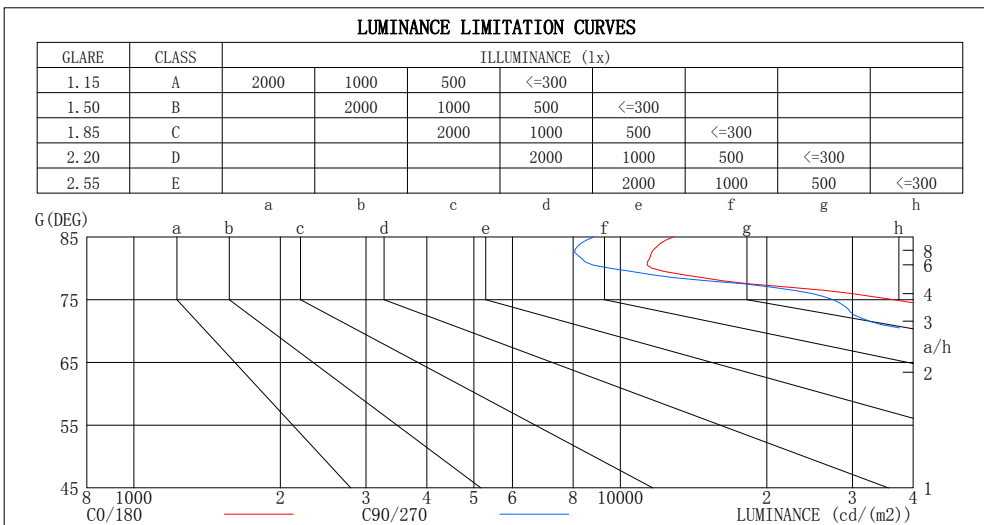
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:2.718m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12867	8827
80	11607	9515
75	36311	27325
70	72225	41799
65	122887	86266
60	158957	124914
55	187017	152812
50	208430	174319
45	221600	188574

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

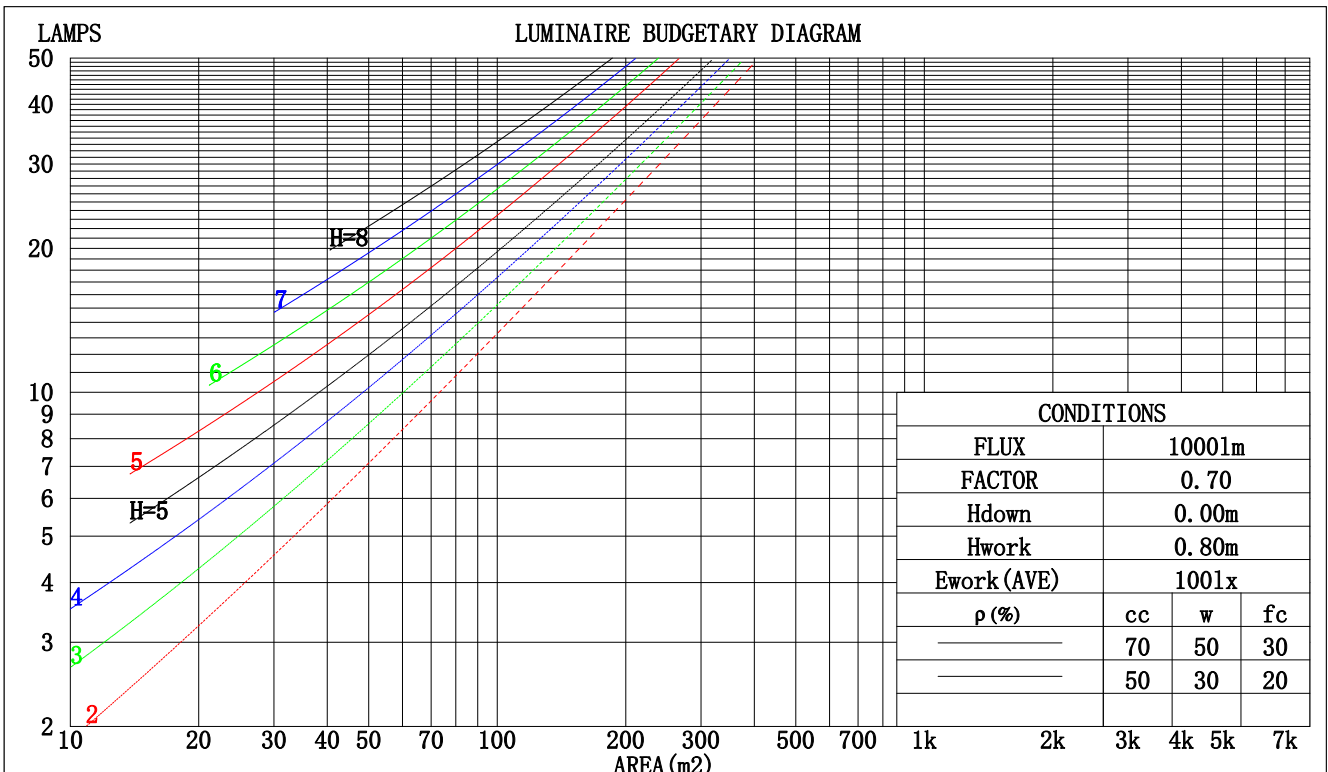
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 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	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.94	.88	.83	.93	.87	.82	.89	.84	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.76	.71	.82	.75	.70	.79	.74	.69	.77	.72	.68	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.66	.60	.71	.65	.59	.69	.63	.59	.67	.62	.58	.56
5.0	.67	.59	.53	.66	.58	.52	.64	.57	.52	.62	.56	.51	.60	.55	.51	.49
6.0	.61	.52	.46	.60	.52	.46	.58	.51	.46	.56	.50	.45	.55	.49	.45	.43
7.0	.55	.47	.41	.54	.46	.41	.53	.46	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.37	.50	.42	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.38	.33	.43	.37	.32	.42	.37	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.29	.28



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-08-01

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:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 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	.258	.147	.047	.251	.143	.046	.238	.137	.044	.226	.131	.042	.215	.125	.040	
2.0	.253	.139	.043	.247	.136	.042	.236	.131	.041	.225	.126	.040	.216	.122	.038	
3.0	.241	.128	.038	.236	.126	.038	.226	.122	.037	.216	.119	.036	.208	.115	.036	
4.0	.227	.118	.035	.222	.116	.034	.214	.113	.034	.205	.110	.033	.198	.107	.033	
5.0	.213	.109	.031	.209	.107	.031	.201	.105	.031	.194	.102	.030	.187	.100	.030	
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.183	.095	.028	.177	.093	.028	
7.0	.188	.093	.026	.185	.092	.026	.178	.090	.026	.172	.088	.026	.167	.087	.025	
8.0	.177	.086	.024	.174	.086	.024	.168	.084	.024	.163	.083	.024	.158	.081	.024	
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.154	.077	.022	.150	.076	.022	
10.0	.158	.076	.021	.155	.075	.021	.151	.074	.021	.146	.073	.021	.142	.071	.021	

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	.135	.120	.104	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.168	.133	.104	.144	.115	.090	.099	.079	.063	.057	.046	.037	.018	.015	.012	
3.0	.160	.115	.079	.137	.099	.069	.094	.069	.048	.054	.040	.028	.017	.013	.009	
4.0	.153	.102	.063	.131	.088	.054	.090	.061	.038	.052	.036	.023	.017	.012	.007	
5.0	.145	.091	.051	.125	.079	.044	.086	.055	.031	.050	.032	.019	.016	.011	.006	
6.0	.139	.083	.042	.119	.071	.037	.082	.050	.026	.048	.029	.015	.015	.010	.005	
7.0	.132	.076	.036	.114	.066	.031	.079	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.126	.070	.031	.109	.061	.027	.075	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.121	.065	.027	.104	.056	.024	.072	.040	.017	.042	.023	.010	.014	.008	.003	
10.0	.115	.061	.024	.100	.053	.021	.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:2018-08-01

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:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 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	35.5	36.9	37.1
3H	36.7	38.0	37.0	38.2	38.4	35.5	36.8	35.8	37.0	37.2
4H	36.7	37.9	37.0	38.1	38.4	35.4	36.7	35.7	36.9	37.2
6H	36.6	37.7	36.9	38.0	38.3	35.4	36.5	35.7	36.8	37.0
8H	36.5	37.6	36.9	37.9	38.2	35.3	36.4	35.6	36.7	37.0
12H	36.5	37.5	36.8	37.8	38.1	35.3	36.3	35.6	36.6	36.9
4H 2H	36.4	37.6	36.7	37.9	38.1	35.6	36.8	35.9	37.1	37.3
3H	36.9	38.0	37.3	38.3	38.6	35.8	36.9	36.2	37.2	37.5
4H	36.9	37.9	37.3	38.2	38.5	35.8	36.8	36.2	37.1	37.4
6H	36.9	37.7	37.2	38.0	38.4	35.7	36.6	36.1	36.9	37.3
8H	36.8	37.6	37.2	38.0	38.3	35.7	36.5	36.1	36.8	37.2
12H	36.8	37.5	37.2	37.9	38.3	35.7	36.4	36.1	36.8	37.2
8H 4H	36.8	37.6	37.2	38.0	38.4	35.7	36.5	36.2	36.9	37.3
6H	36.8	37.4	37.2	37.8	38.2	35.7	36.3	36.1	36.7	37.2
8H	36.7	37.3	37.2	37.7	38.2	35.7	36.2	36.1	36.6	37.1
12H	36.7	37.2	37.2	37.6	38.1	35.6	36.1	36.1	36.5	37.0
12H 4H	36.8	37.5	37.2	37.9	38.3	35.7	36.4	36.1	36.8	37.2
6H	36.7	37.3	37.2	37.7	38.2	35.7	36.2	36.1	36.6	37.1
8H	36.7	37.2	37.2	37.6	38.1	35.6	36.1	36.1	36.5	37.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.7 / - 0.9				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.7				
2.0H	+ 1.1 / - 1.5					+ 1.0 / - 1.2				

CIE Pub.117, 219.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.3)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Near  
 Test Date:2018-08-01

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:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 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	61	50	43	60	50	43	59	49	43	37
0.80	72	61	54	71	60	54	69	60	53	47
1.00	80	70	64	79	70	64	77	71	63	57
1.25	88	78	72	86	78	72	84	76	71	64
1.50	92	84	78	91	83	77	88	81	76	69
2.00	99	92	86	97	90	85	94	88	84	77
2.50	102	96	90	100	94	89	97	92	88	80
3.00	105	99	95	103	98	94	99	95	91	84
4.00	109	104	100	106	102	98	102	99	96	87
5.00	111	106	103	108	105	101	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: 2018-08-01

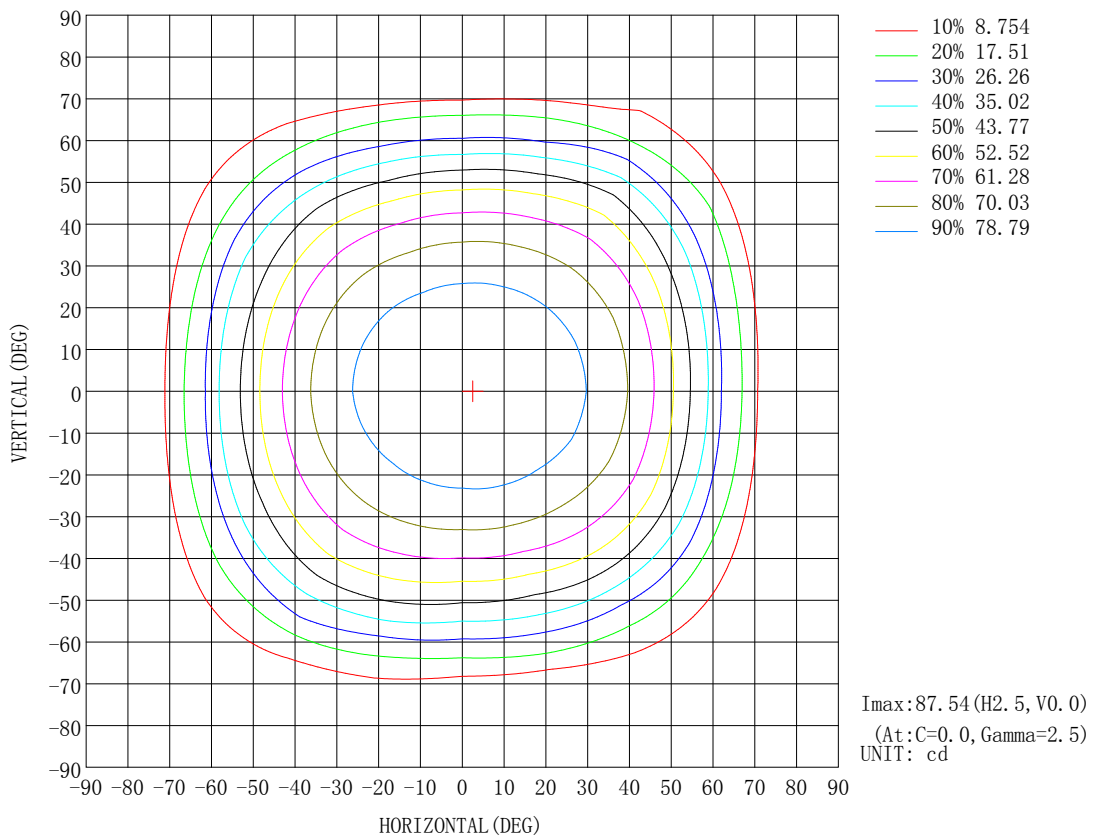
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.354  
 Humidity: 65.0%  
 Test Distance: 2.718m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

### ISOCANDELA DIAGRAM

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 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:2018-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

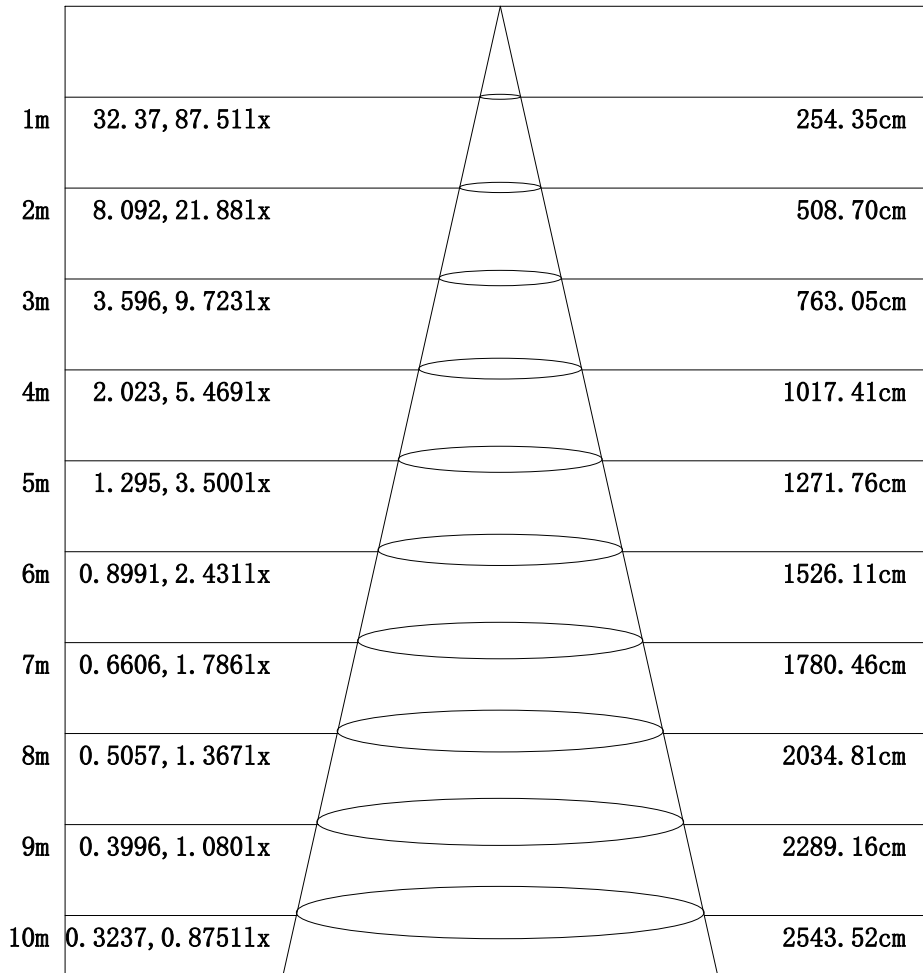
Assessor: Akin Xu



AAI Figure

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Flux out:166.6 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:25.3DEG  
 Operators:Near  
 Test Date:2018-08-01

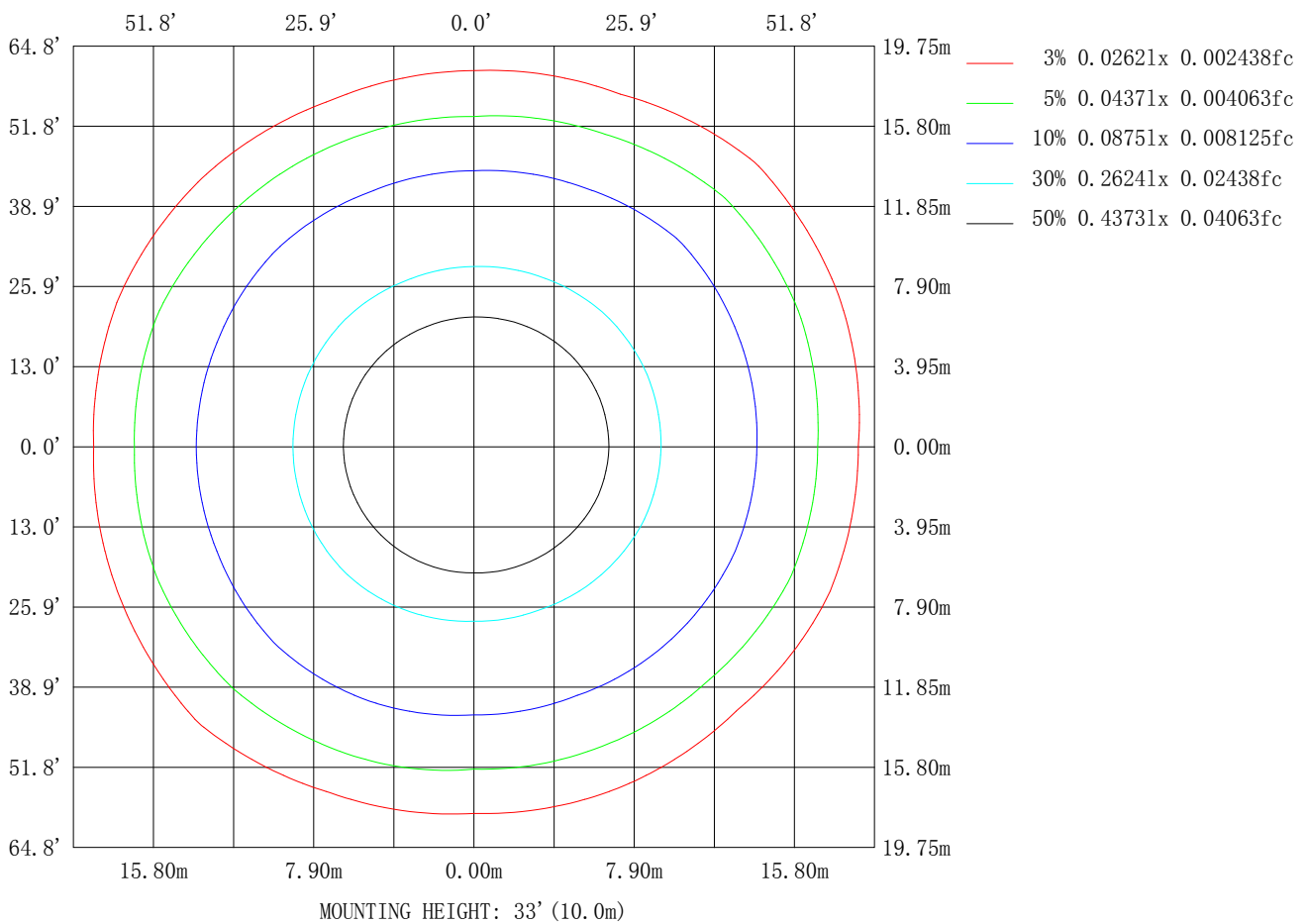
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:2.718m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 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:2018-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65) av	118772
L_0~180(75) av	33486
L_0~180(85) av	13930
L_90~270(65) av	100326
L_90~270(75) av	30716
L_90~270(85) av	9755
L_45(65) av	120155
L_45(75) av	41883
L_45(85) av	14417

Standard: GB/T 29293-2012

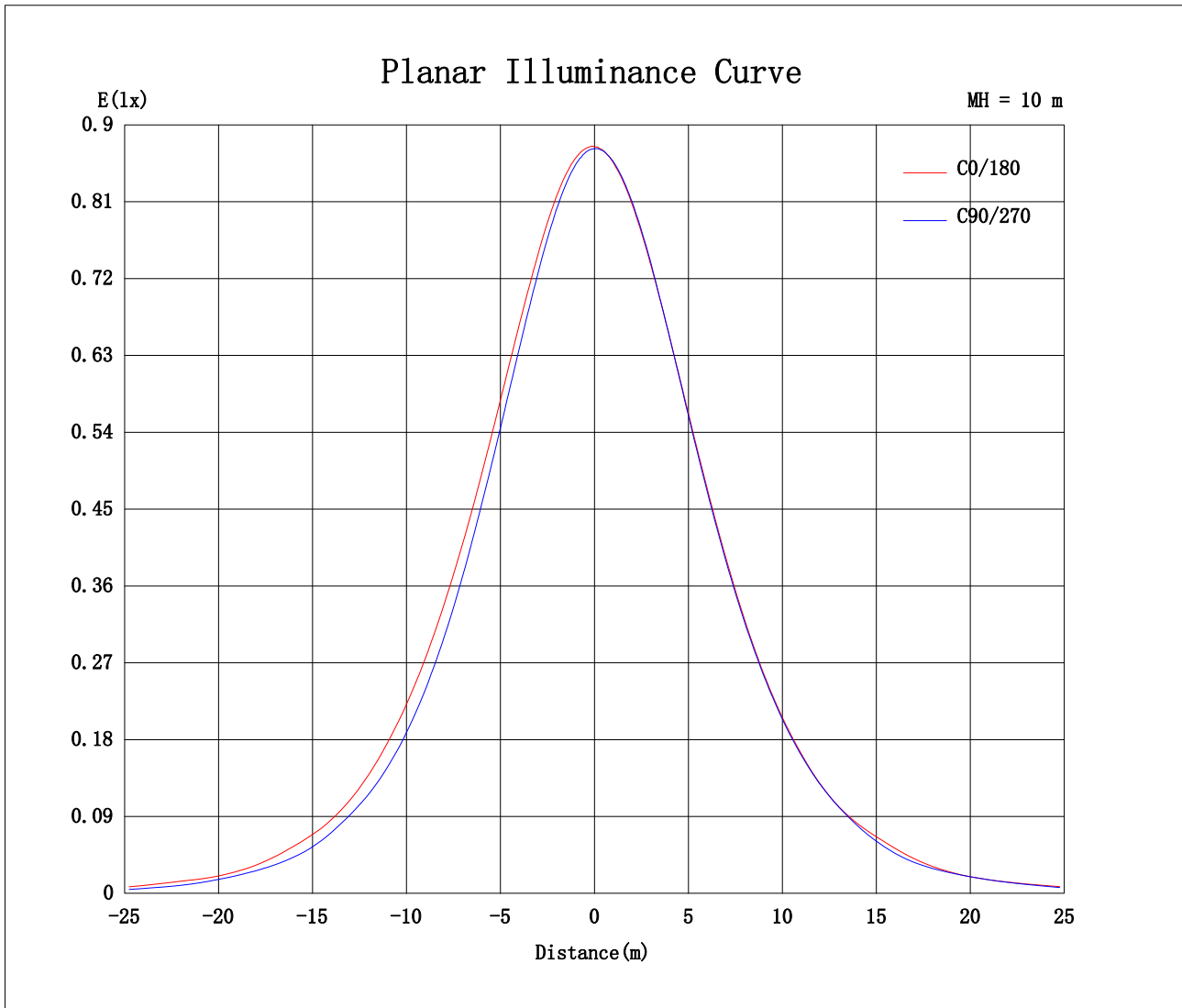
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Near  
 Test Date:2018-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:4.480V I:0.5304A P:2.376W PF:1.000 Freq:0Hz Lamp Flux:218.984x1 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	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3			
5	87.3	87.2	87.1	87.0	86.8	86.8	86.8	86.7	86.8	86.8	86.9	87.0	87.1	87.2	87.3	87.3			
10	86.8	86.6	86.3	86.0	85.6	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.3	86.4	86.7	86.8			
15	85.6	85.4	84.8	84.1	83.6	83.6	83.7	84.0	84.2	84.3	84.5	84.5	84.8	85.0	85.5	85.7			
20	83.8	83.4	82.4	81.6	80.9	80.9	81.2	81.7	82.1	82.2	82.3	82.2	82.4	82.9	83.5	83.7			
25	81.5	80.8	79.3	78.3	77.5	77.6	78.1	78.8	79.4	79.4	79.3	79.0	79.4	80.0	80.9	81.4			
30	78.4	77.5	75.5	74.2	73.3	73.6	74.3	75.3	75.9	75.9	75.6	75.2	75.5	76.4	77.5	78.4			
35	74.5	73.4	70.9	68.8	67.8	68.7	69.9	70.7	71.3	71.3	71.0	70.3	70.8	71.9	73.5	74.5			
40	69.4	68.2	65.2	62.2	61.1	62.8	64.6	65.1	65.4	65.5	65.5	64.5	65.0	66.5	68.6	69.7			
45	62.6	61.5	58.0	54.3	53.4	55.9	58.2	58.2	58.2	58.4	58.6	57.3	57.8	59.9	62.9	63.4			
50	53.5	52.8	49.3	45.5	44.9	48.0	50.6	49.8	49.3	49.9	50.5	48.8	49.2	51.7	55.9	55.2			
55	42.8	41.9	38.9	36.3	35.1	39.2	41.5	40.6	40.8	40.3	40.8	39.2	39.1	42.2	47.1	44.8			
60	31.7	31.6	27.1	25.9	25.0	27.6	31.4	31.6	30.0	31.7	29.5	27.6	27.1	29.8	35.8	35.2			
65	20.7	18.9	17.1	16.4	14.6	17.8	20.9	19.9	19.4	19.4	19.3	19.1	19.3	20.5	23.9	22.0			
70	9.86	9.98	8.38	5.56	5.72	9.02	9.50	12.8	11.1	11.7	9.95	8.45	7.85	11.2	12.2	14.0			
75	3.75	3.73	2.89	2.85	2.83	3.03	4.65	3.29	3.18	3.32	3.82	3.10	3.53	3.92	5.99	5.08			
80	0.80	0.82	0.83	0.74	0.66	0.88	1.13	1.01	0.97	1.02	1.18	1.18	1.07	1.21	1.64	0.99			
85	0.45	0.45	0.40	0.34	0.31	0.44	0.62	0.53	0.52	0.54	0.54	0.45	0.37	0.39	0.45	0.47			
90	0.03	0.03	0.03	0.03	0.03	0.15	0.11	0.05	0.04	0.05	0.13	0.18	0.10	0.08	0.07	0.04			
95	0.00	0.00	0.02	0.02	0.03	0.13	0.07	0.02	0.01	0.02	0.07	0.10	0.04	0.04	0.03	0.01			
100	0.00	0.00	0.01	0.03	0.03	0.10	0.04	0.01	0.00	0.01	0.05	0.10	0.04	0.05	0.02	0.01			
105	0.00	0.01	0.02	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.06	0.02	0.01	0.01	0.01			
110	0.01	0.01	0.02	0.02	0.01	0.03	0.05	0.01	0.01	0.01	0.02	0.06	0.02	0.01	0.01	0.01			
115	0.01	0.01	0.02	0.02	0.04	0.03	0.04	0.02	0.01	0.02	0.05	0.03	0.04	0.02	0.03	0.02			
120	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.02	0.02	0.02	0.04	0.03	0.05	0.03	0.03	0.02			
125	0.02	0.02	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.04	0.03	0.03			
130	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04			
135	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.05	0.05			
140	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.07	0.08	0.08	0.07	0.07	0.06			
145	0.06	0.07	0.07	0.08	0.08	0.07	0.07	0.06	0.08	0.08	0.10	0.10	0.10	0.10	0.09	0.08			
150	0.07	0.08	0.08	0.09	0.08	0.08	0.07	0.07	0.10	0.11	0.12	0.13	0.13	0.12	0.12	0.11			
155	0.08	0.09	0.09	0.10	0.09	0.09	0.08	0.08	0.13	0.13	0.15	0.15	0.15	0.15	0.14	0.13			
160	0.09	0.10	0.10	0.10	0.10	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	0.09	0.10	0.10	0.09	0.16	0.16	0.17	0.17	0.18	0.18	0.17	0.16			
170	0.10	0.11	0.10	0.10	0.09	0.09	0.09	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	0.16	0.15			
180	0.13	0.13	0.13	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.13	0.13			

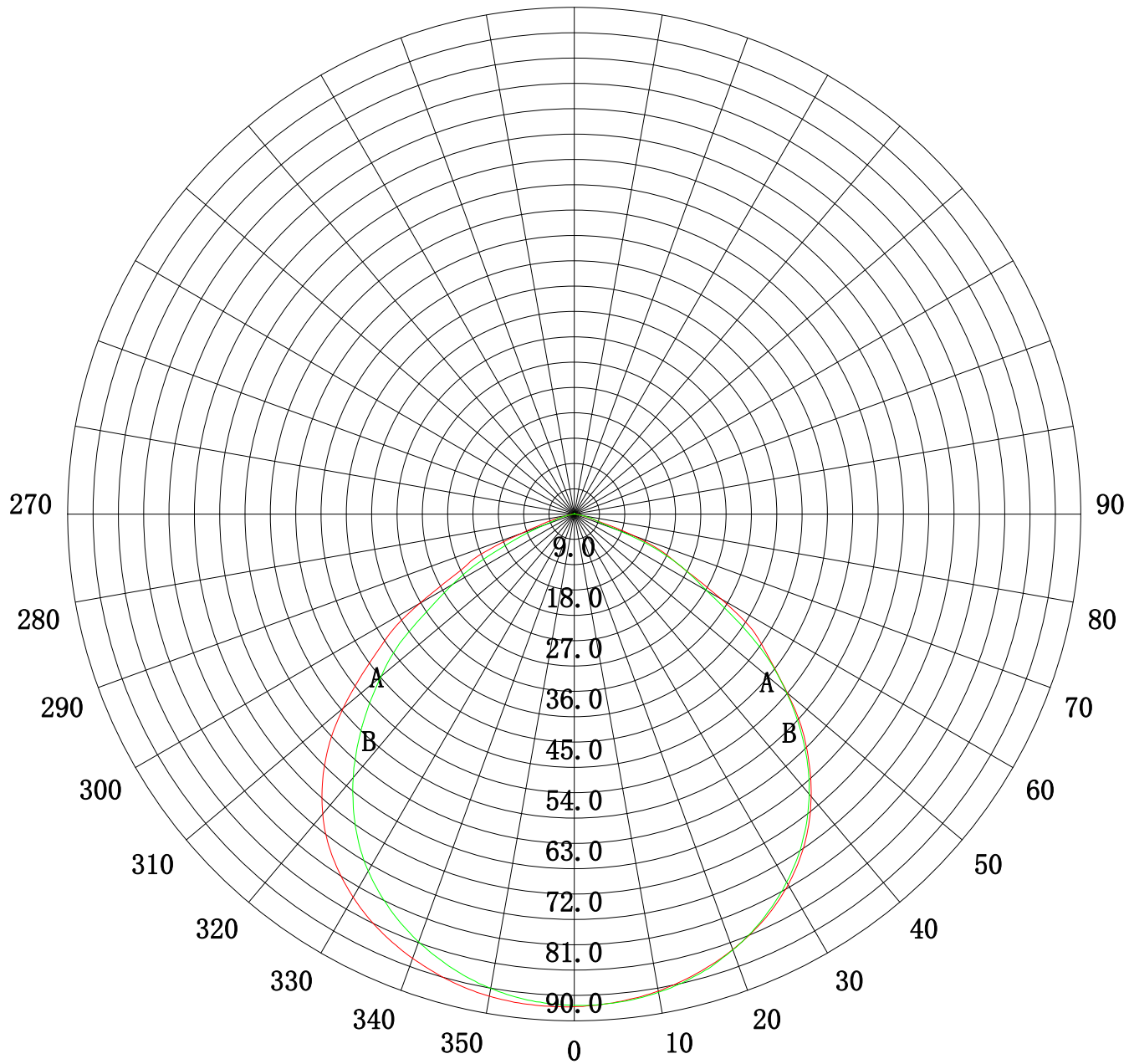
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-08-01

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

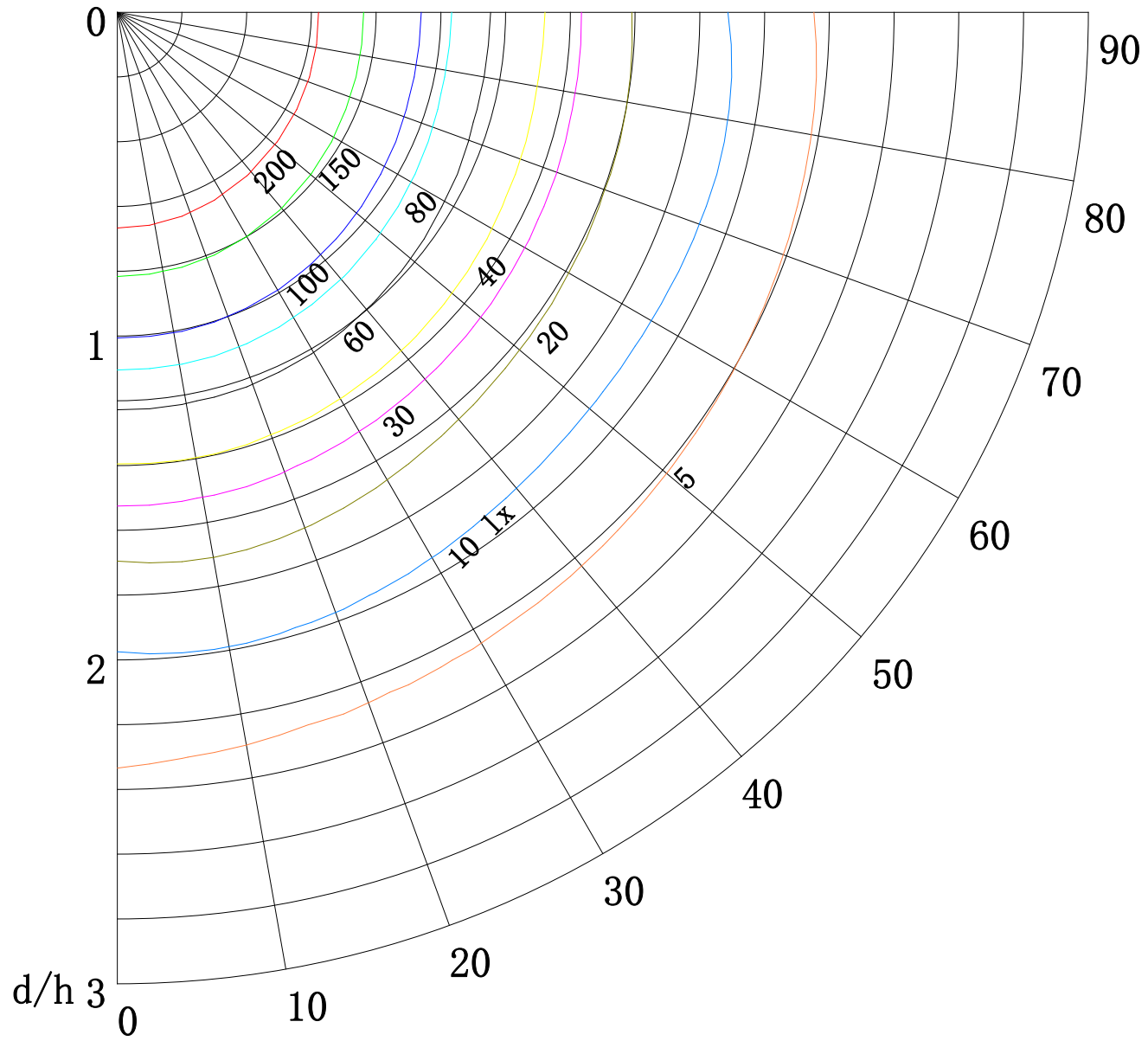
Assessor: Akin Xu

I (cd)



1000 lm

K = 1



$F = 1000 \text{ lm}$   
 $K = 0.7$   
 $H_{cc} = 0.8 \text{ m}$   
 $H_{fc} = 0.0 \text{ m}$   
 $E_{ave} = 100 \text{ lx}$

	$P_{cc}$	$P_w$	$P_{fc}$
—	70	50	30
---	50	30	20

