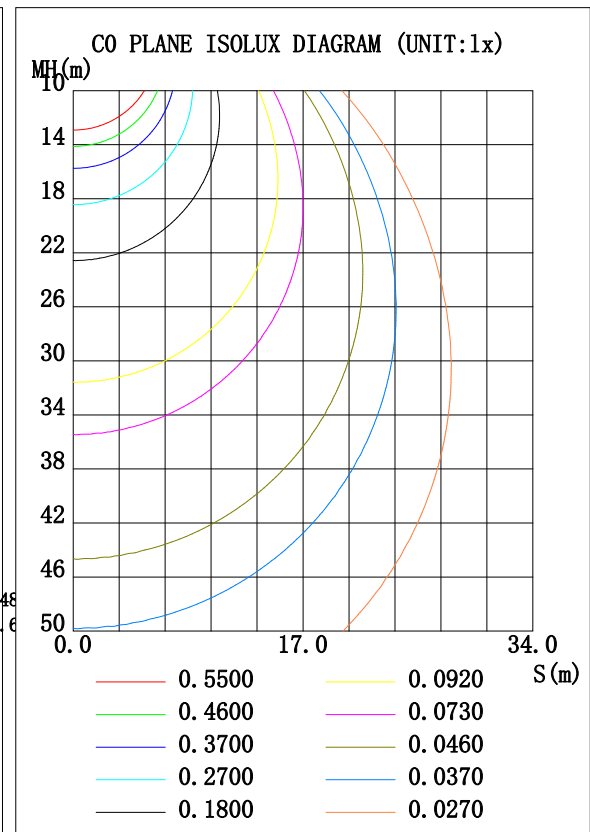
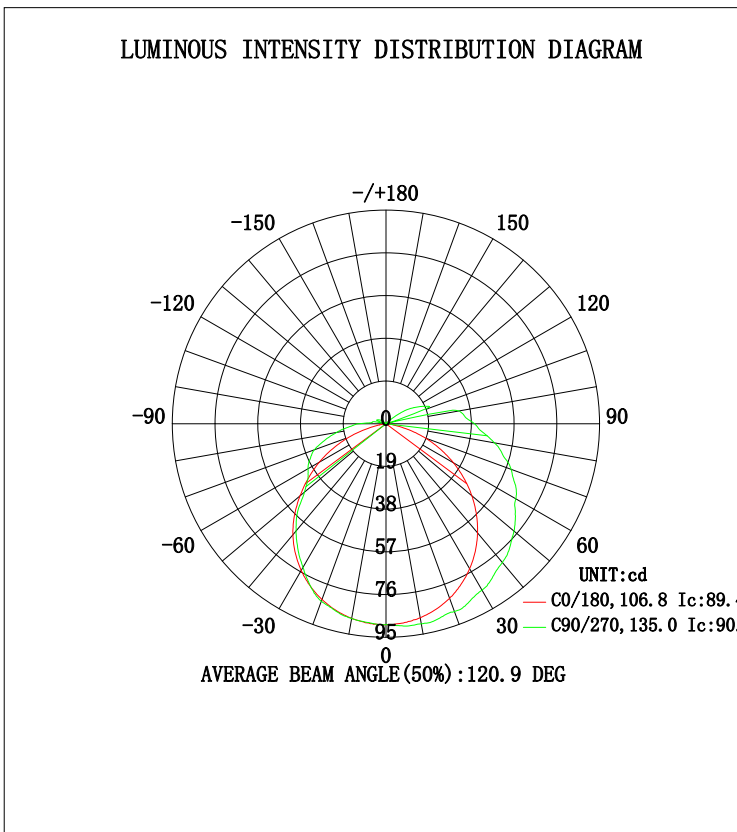


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I <sub>max</sub> (cd)	90.60	S/MH(C0/180)	1.24
NOMINAL POWER(W)	4.5	LOR (%)	100.0	S/MH(C90/270)	1.43
RATED VOLTAGE(V)	6.9	TOTAL FLUX(1m)	319.42	η UP, DN(C0-180)	1.5, 39.0
NOMINAL FLUX(1m)	319.417	CIE CLASS	DIRECT	η UP, DN(C180-360)	6.1, 53.5
LAMPS INSIDE	1	η up (%)	7.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	6.9	η down (%)	92.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-07-30

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
5	88.99	88.89	88.74	88.66	88.96	89.60	90.32	89.82	0- 5	2.136	2.136	0.67, 0.67
10	87.90	87.70	87.97	87.51	87.60	89.38	90.39	89.74	5- 10	6.361	8.496	2.66, 2.66
15	85.95	86.27	86.32	85.64	85.53	88.18	89.85	88.84	10- 15	10.42	18.92	5.92, 5.92
20	83.20	83.47	84.01	83.22	82.65	86.36	88.85	87.27	15- 20	14.16	33.08	10.4, 10.4
25	79.69	80.38	79.63	79.76	78.91	83.47	87.42	84.07	20- 25	17.49	50.57	15.8, 15.8
30	75.47	75.96	73.93	75.33	74.43	81.08	85.43	82.61	25- 30	20.21	70.78	22.2, 22.2
35	70.31	69.14	68.26	68.97	69.25	77.08	82.93	78.22	30- 35	22.26	93.04	29.1, 29.1
40	64.42	61.94	62.31	61.72	63.36	73.04	80.59	74.51	35- 40	23.53	116.6	36.5, 36.5
45	57.58	54.71	55.71	54.51	56.87	68.77	77.88	70.25	40- 45	24.13	140.7	44, 44
50	49.99	46.10	47.39	46.28	49.88	64.11	74.30	65.63	45- 50	23.83	164.5	51.5, 51.5
55	42.11	35.87	42.37	36.62	42.36	59.98	70.17	61.48	50- 55	22.73	187.3	58.6, 58.6
60	34.32	29.95	40.06	29.68	34.59	55.01	66.65	56.47	55- 60	21.24	208.5	65.3, 65.3
65	25.97	27.33	37.27	26.75	26.57	50.17	63.34	51.54	60- 65	19.64	228.1	71.4, 71.4
70	17.60	23.78	34.01	22.98	18.67	45.41	59.25	47.01	65- 70	17.81	245.9	77, 77
75	9.102	19.09	28.08	18.28	10.62	41.13	53.81	42.34	70- 75	15.83	261.8	82, 82
80	2.930	14.04	22.22	13.55	3.899	36.22	49.01	37.29	75- 80	13.41	275.2	86.2, 86.2
85	1.078	10.63	16.60	9.573	1.336	31.41	43.11	32.12	80- 85	11.06	286.2	89.6, 89.6
90	0.6415	8.202	12.16	7.532	0.4523	26.59	39.37	27.79	85- 90	9.063	295.3	92.5, 92.5
95	0.6334	4.187	6.403	4.833	0.6190	22.81	35.34	24.05	90- 95	7.406	302.7	94.8, 94.8
100	0.4002	0.4231	5.331	0.1693	0.4152	2.572	32.99	4.528	95-100	5.503	308.2	96.5, 96.5
105	0.2372	2.786	0.0904	2.512	0.2482	9.426	0.3777	10.88	100-105	2.070	310.3	97.1, 97.1
110	0.1419	2.530	4.165	2.310	0.1229	7.965	13.10	8.340	105-110	1.611	311.9	97.6, 97.6
115	0.0980	1.958	4.206	1.932	0.0583	5.728	18.42	6.146	110-115	2.675	314.6	98.5, 98.5
120	0.0884	1.214	3.513	1.299	0.0606	4.046	14.43	4.160	115-120	2.017	316.6	99.1, 99.1
125	0.0833	0.7102	2.675	0.7817	0.0802	2.361	10.19	2.211	120-125	1.358	317.9	99.5, 99.5
130	0.0842	0.3635	1.768	0.4312	0.0881	1.019	4.640	0.9516	125-130	0.7439	318.7	99.8, 99.8
135	0.0951	0.1519	1.015	0.1928	0.0910	0.3659	1.894	0.3734	130-135	0.3289	319.0	99.9, 99.9
140	0.1037	0.1024	0.4927	0.1042	0.1077	0.2030	0.8423	0.2058	135-140	0.1453	319.2	99.9, 99.9
145	0.1119	0.1090	0.1993	0.1052	0.1284	0.1983	0.3738	0.1916	140-145	0.0702	319.2	99.9, 99.9
150	0.1232	0.1181	0.1206	0.1086	0.1450	0.2038	0.2376	0.2003	145-150	0.0451	319.3	100, 100
155	0.1315	0.1212	0.1196	0.1111	0.1652	0.2031	0.2401	0.2074	150-155	0.0395	319.3	100, 100
160	0.1434	0.1096	0.1205	0.1000	0.1884	0.1774	0.2373	0.1730	155-160	0.0338	319.4	100, 100
165	0.1485	0.1187	0.0932	0.1071	0.1905	0.2123	0.1922	0.2120	160-165	0.0261	319.4	100, 100
170	0.1494	0.1233	0.0950	0.1148	0.1931	0.1955	0.2054	0.2043	165-170	0.0191	319.4	100, 100
175	0.1532	0.1433	0.1085	0.1302	0.1827	0.1798	0.1829	0.1881	170-175	0.0114	319.4	100, 100
180	0.1688	0.1625	0.1439	0.1634	0.1699	0.1634	0.1454	0.1631	175-180	0.0039	319.4	100, 100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

Conical surface Flux(90deg): 140.7 lm

%lum = 44.0%  
%lamp = 44.0%

Conical surface Flux(120deg): 208.5 lm

%lum = 65.3%  
%lamp = 65.3%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Near  
Test Date:2018-07-30

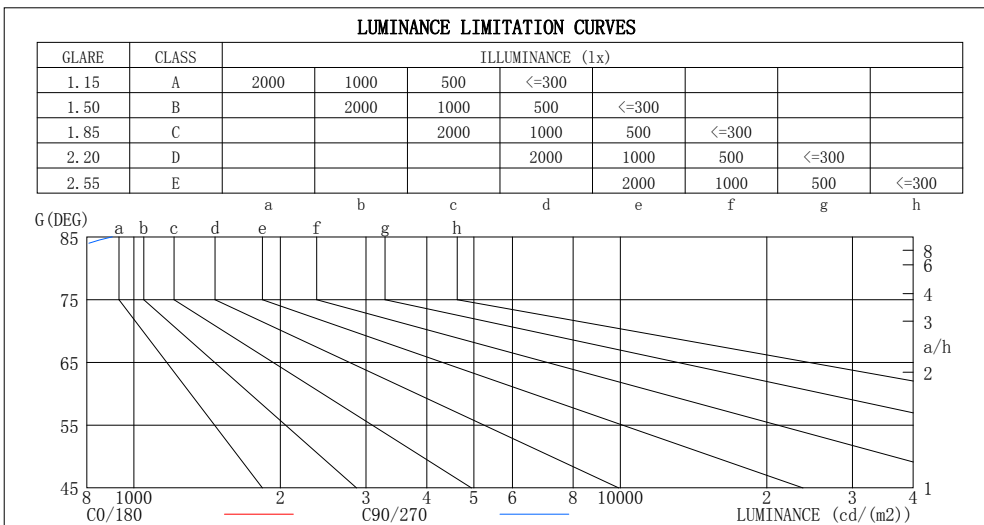
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.354  
Humidity:65.0%  
Test Distance:2.718m [K=1.0000]  
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	61	903
80	83	606
75	172	514
70	252	471
65	301	418
60	336	380
55	360	350
50	381	349
45	399	373

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-07-30

$\gamma$  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

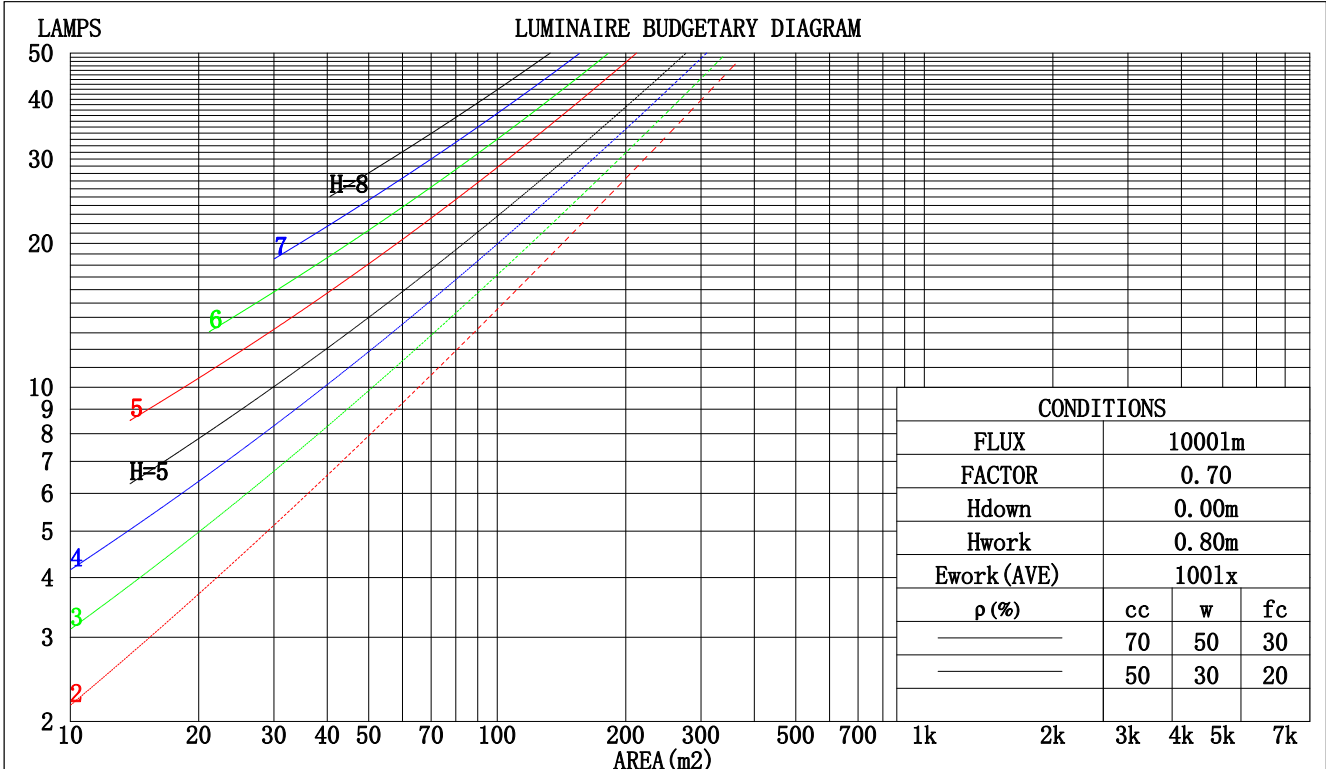
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92
1.0	.99	.94	.89	.96	.91	.87	.90	.86	.83	.85	.82	.79	.80	.78	.75	.73
2.0	.85	.78	.71	.83	.76	.70	.78	.72	.67	.73	.69	.64	.69	.65	.62	.59
3.0	.74	.66	.58	.72	.64	.57	.68	.61	.55	.64	.58	.54	.61	.56	.52	.49
4.0	.66	.56	.49	.64	.55	.48	.60	.53	.47	.57	.51	.45	.54	.48	.44	.41
5.0	.58	.49	.42	.57	.48	.41	.54	.46	.40	.51	.44	.39	.48	.43	.38	.36
6.0	.52	.43	.37	.51	.42	.36	.48	.41	.35	.46	.39	.34	.44	.38	.33	.31
7.0	.47	.38	.32	.46	.38	.32	.44	.36	.31	.42	.35	.30	.40	.34	.29	.27
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.28	.38	.32	.27	.37	.31	.26	.24
9.0	.40	.31	.26	.39	.31	.25	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22
10.0	.37	.28	.23	.36	.28	.23	.34	.27	.22	.33	.26	.22	.31	.26	.22	.20



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-07-30

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:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.367	.209	.066	.358	.204	.065	.340	.195	.062	.324	.187	.060	.309	.179	.058	
2.0	.324	.177	.054	.315	.174	.053	.299	.166	.052	.285	.160	.050	.271	.153	.048	
3.0	.290	.154	.046	.283	.151	.046	.268	.145	.044	.255	.140	.043	.243	.134	.042	
4.0	.263	.137	.040	.256	.134	.040	.243	.129	.039	.231	.124	.037	.220	.120	.036	
5.0	.240	.122	.035	.234	.120	.035	.222	.116	.034	.212	.112	.033	.202	.108	.032	
6.0	.221	.111	.032	.215	.109	.031	.205	.105	.031	.195	.101	.030	.186	.098	.029	
7.0	.204	.101	.029	.199	.099	.028	.190	.096	.028	.181	.093	.027	.172	.090	.026	
8.0	.190	.093	.026	.185	.091	.026	.176	.088	.025	.168	.085	.025	.161	.083	.024	
9.0	.177	.086	.024	.173	.084	.024	.165	.082	.023	.158	.079	.023	.151	.077	.022	
10.0	.166	.080	.022	.162	.078	.022	.155	.076	.021	.148	.074	.021	.142	.071	.020	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.248	.248	.248	.212	.212	.212	.145	.145	.145	.083	.083	.083	.027	.027	.027	
1.0	.242	.214	.188	.207	.183	.162	.142	.126	.112	.082	.073	.065	.026	.023	.021	
2.0	.235	.190	.153	.201	.164	.132	.138	.113	.092	.079	.066	.054	.026	.021	.018	
3.0	.227	.173	.130	.195	.149	.113	.134	.104	.079	.077	.061	.047	.025	.020	.015	
4.0	.219	.160	.115	.188	.138	.100	.129	.096	.070	.075	.057	.042	.024	.018	.014	
5.0	.211	.150	.105	.182	.130	.091	.125	.091	.064	.072	.053	.038	.023	.017	.013	
6.0	.204	.142	.097	.175	.123	.085	.121	.086	.060	.070	.051	.036	.023	.017	.012	
7.0	.197	.135	.092	.169	.117	.080	.117	.082	.057	.068	.048	.034	.022	.016	.011	
8.0	.190	.129	.088	.164	.112	.077	.113	.079	.054	.066	.047	.032	.021	.015	.011	
9.0	.184	.125	.085	.158	.108	.074	.110	.076	.052	.064	.045	.031	.021	.015	.010	
10.0	.178	.120	.082	.153	.104	.072	.106	.074	.051	.062	.043	.030	.020	.014	.010	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Near  
 Test Date:2018-07-30

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:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 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	11.5	13.0	11.9	13.3	13.7	12.2	13.7	12.6	14.0	14.4
3H	12.4	13.8	12.8	14.1	14.5	14.6	16.0	15.0	16.4	16.8
4H	12.7	14.0	13.1	14.4	14.8	15.8	17.1	16.2	17.5	17.9
6H	12.7	14.0	13.2	14.4	14.8	16.9	18.2	17.4	18.6	19.0
8H	12.7	13.9	13.2	14.3	14.8	17.5	18.7	18.0	19.1	19.6
12H	12.7	13.8	13.1	14.2	14.7	18.1	19.3	18.6	19.7	20.2
4H 2H	12.0	13.3	12.4	13.7	14.1	12.6	13.9	13.1	14.3	14.8
3H	13.1	14.2	13.5	14.6	15.1	15.3	16.5	15.8	16.9	17.4
4H	13.4	14.5	13.9	15.0	15.5	16.7	17.8	17.2	18.2	18.7
6H	13.6	14.6	14.1	15.0	15.6	18.1	19.0	18.6	19.5	20.0
8H	13.6	14.5	14.2	15.0	15.6	18.8	19.7	19.3	20.2	20.7
12H	13.6	14.4	14.2	15.0	15.5	19.5	20.3	20.0	20.8	21.4
8H 4H	14.1	15.0	14.7	15.5	16.1	16.9	17.8	17.4	18.3	18.9
6H	14.5	15.3	15.1	15.8	16.4	18.5	19.3	19.1	19.8	20.4
8H	14.6	15.3	15.2	15.9	16.5	19.4	20.1	20.0	20.7	21.3
12H	14.7	15.3	15.3	15.8	16.5	20.4	21.0	21.0	21.6	22.2
12H 4H	14.3	15.2	14.9	15.7	16.3	16.9	17.7	17.4	18.2	18.8
6H	14.9	15.6	15.5	16.1	16.7	18.6	19.3	19.2	19.8	20.4
8H	15.1	15.7	15.7	16.3	16.9	19.6	20.1	20.1	20.7	21.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.4					+ 0.1 / - 0.2				
2.0H	+ 0.5 / - 0.7					+ 0.2 / - 0.2				

CIE Pub.117, 319.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.0)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Near  
 Test Date:2018-07-30

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:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 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	53	41	33	52	40	33	50	40	33	26
0.80	62	50	42	61	49	42	59	48	41	34
1.00	70	58	50	69	57	49	66	58	49	41
1.25	77	65	57	75	64	57	72	62	55	47
1.50	82	71	63	80	69	62	76	67	60	52
2.00	89	79	71	87	77	70	82	74	68	59
2.50	93	84	76	91	82	75	86	79	73	63
3.00	97	88	81	94	86	80	89	82	77	67
4.00	101	94	88	98	92	86	93	87	83	71
5.00	104	98	92	101	95	90	95	90	86	75
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: 2018-07-30

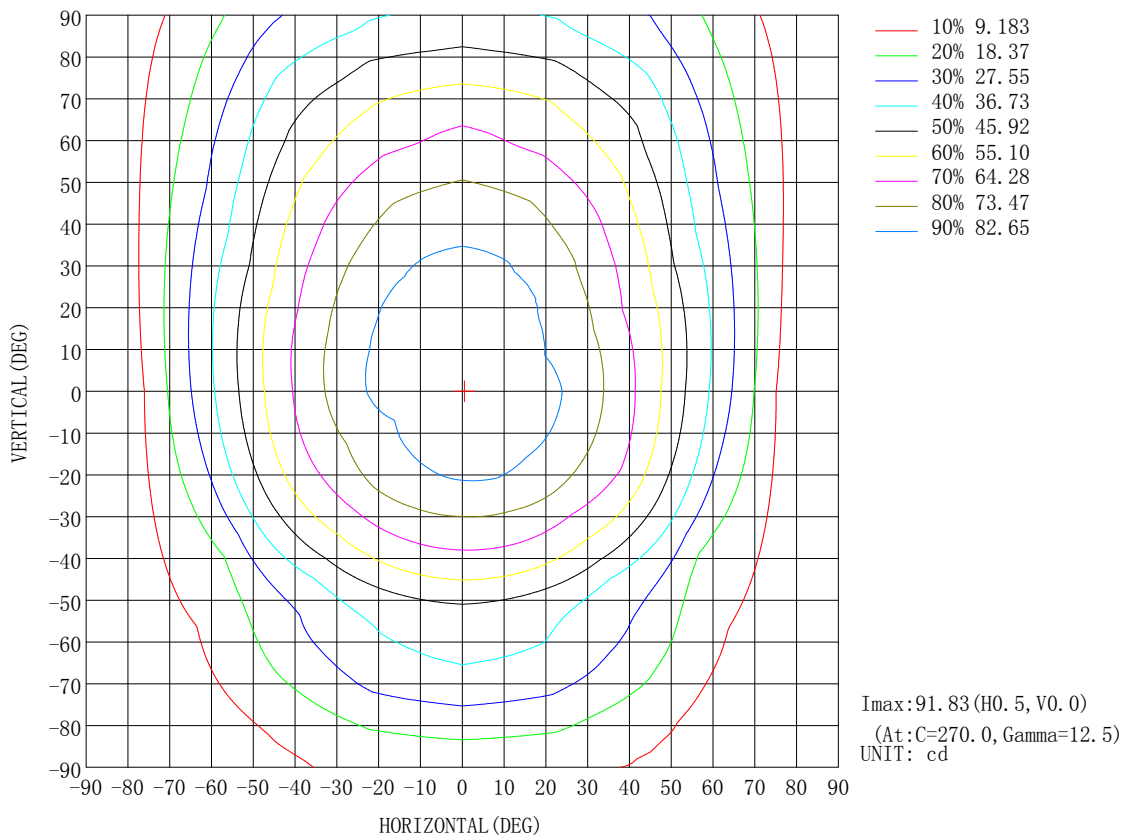
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.354  
 Humidity: 65.0%  
 Test Distance: 2.718m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

### ISOCANDELA DIAGRAM

Test:U:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 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:2018-07-30

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

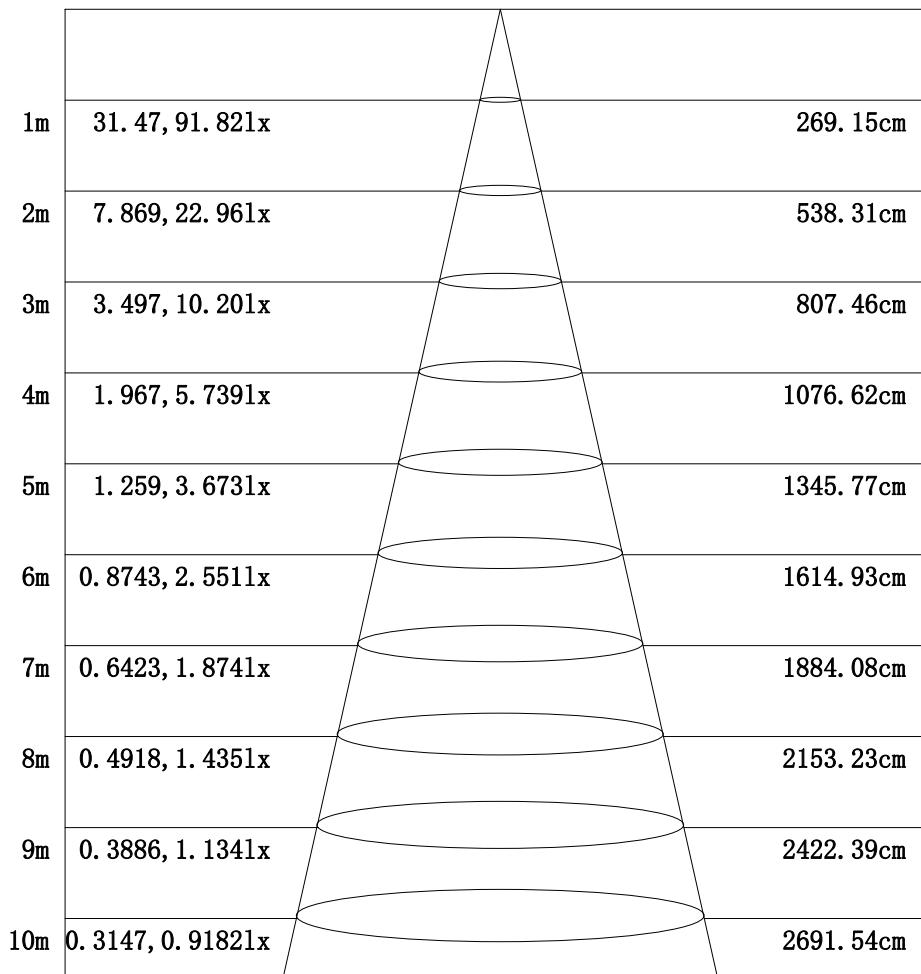
Assessor: Akin Xu



### AAI Figure

Test:U:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Flux out:180.6 lm



Height                      Eavg, Emax                      Angle:106.77deg                      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:2018-07-30

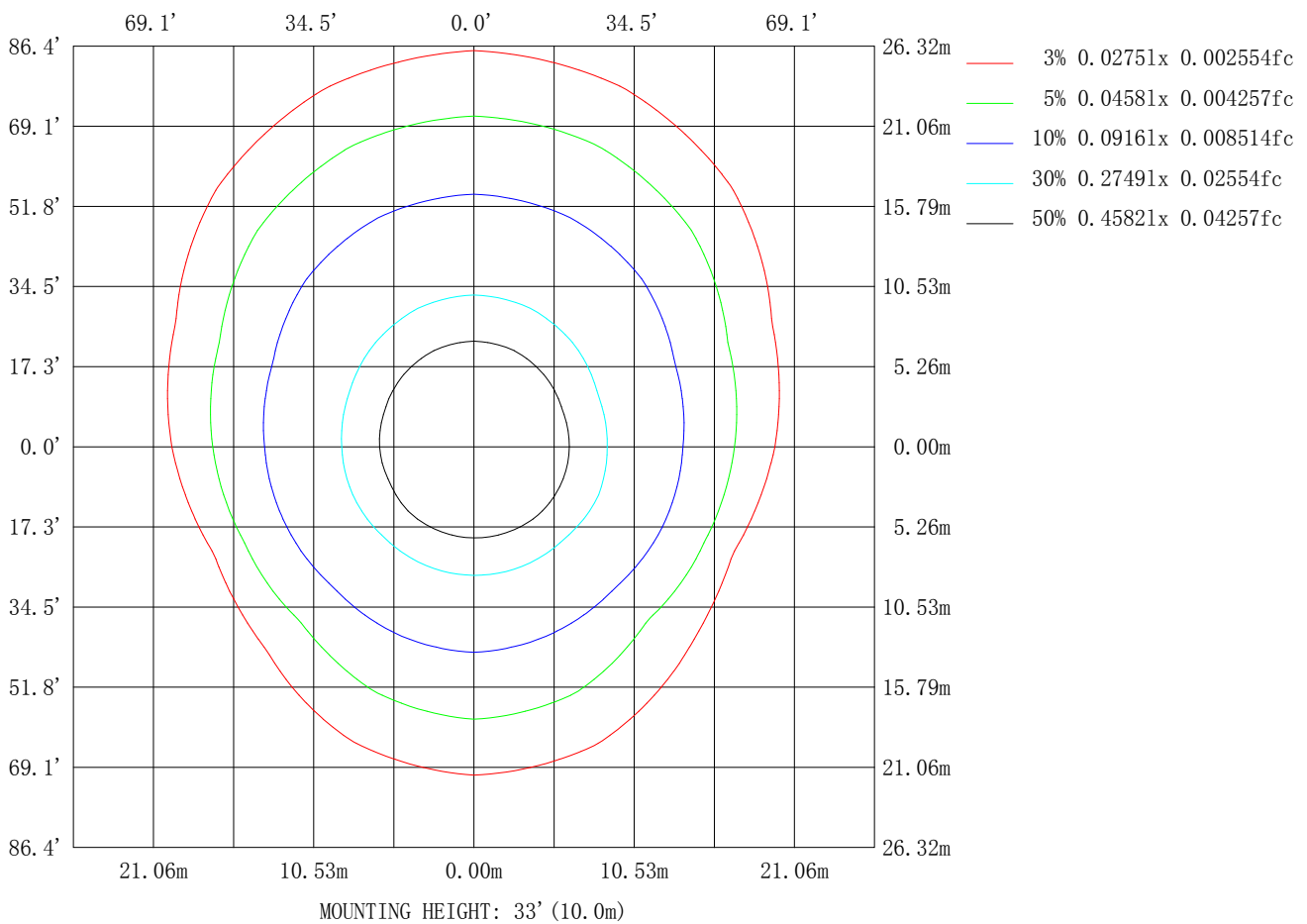
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:2.718m [K=1.0000]  
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

### ISOLUX DIAGRAM

Test:U:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 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:2018-07-30

$\gamma$  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:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65) av	297
L_0~180(75) av	182
L_0~180(85) av	66
L_90~270(65) av	568
L_90~270(75) av	755
L_90~270(85) av	1634
L_45(65) av	440
L_45(75) av	557
L_45(85) av	1146

Standard: GB/T 29293-2012

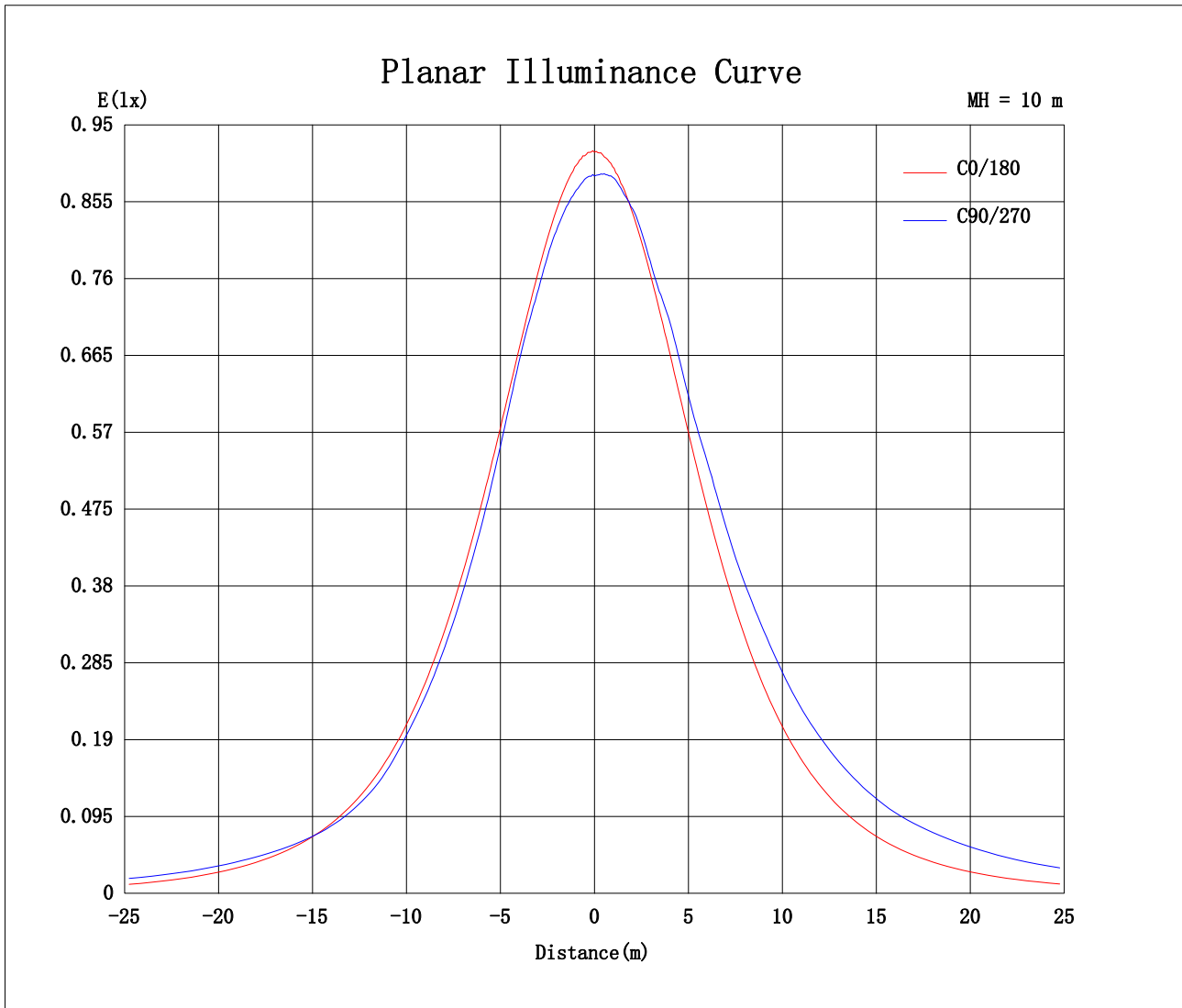
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Near  
 Test Date:2018-07-30

$\gamma$  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: 2018-07-30

$\gamma$  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:6.900V I:0.6660A P:4.595W PF:1.000 Freq:0Hz Lamp Flux:319.417x1 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	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3			
5	89.0	89.2	88.9	88.7	88.7	88.7	88.7	88.8	89.0	89.2	89.6	90.0	90.3	90.2	89.8	89.3			
10	87.9	87.9	87.7	87.9	88.0	87.8	87.5	87.3	87.6	88.4	89.4	89.7	90.4	90.1	89.7	88.8			
15	86.0	85.8	86.3	86.4	86.3	86.2	85.6	85.3	85.5	86.6	88.2	89.3	89.9	89.8	88.8	87.6			
20	83.2	83.2	83.5	83.9	84.0	83.6	83.2	82.6	82.6	84.2	86.4	87.5	88.9	87.9	87.3	85.0			
25	79.7	80.3	80.4	80.2	79.6	80.0	79.8	78.9	78.9	81.0	83.5	86.5	87.4	87.2	84.1	81.9			
30	75.5	75.9	76.0	74.4	73.9	74.2	75.3	74.8	74.4	77.0	81.1	83.4	85.4	84.1	82.6	78.5			
35	70.3	70.6	69.1	68.4	68.3	68.4	69.0	70.0	69.2	72.4	77.1	81.2	82.9	82.1	78.2	74.0			
40	64.4	65.5	61.9	62.1	62.3	62.0	61.7	64.4	63.4	67.2	73.0	77.7	80.6	78.7	74.5	68.2			
45	57.6	58.1	54.7	55.4	55.7	55.1	54.5	57.6	56.9	61.2	68.8	75.2	77.9	76.2	70.2	62.1			
50	50.0	49.0	46.1	46.7	47.4	46.8	46.3	49.4	49.9	55.0	64.1	71.2	74.3	72.3	65.6	56.7			
55	42.1	39.6	35.9	40.7	42.4	40.6	36.6	40.0	42.4	48.1	60.0	67.2	70.2	68.4	61.5	49.5			
60	34.3	28.6	29.9	37.6	40.1	37.2	29.7	29.5	34.6	41.3	55.0	62.6	66.7	63.7	56.5	42.1			
65	26.0	17.3	27.3	35.0	37.3	34.4	26.8	18.9	26.6	34.6	50.2	59.7	63.3	60.8	51.5	35.6			
70	17.6	12.3	23.8	31.5	34.0	30.7	23.0	12.4	18.7	28.8	45.4	55.1	59.3	56.3	47.0	29.7			
75	9.10	9.67	19.1	26.1	28.1	25.8	18.3	9.70	10.6	23.6	41.1	50.6	53.8	51.4	42.3	24.4			
80	2.93	6.13	14.0	20.6	22.2	20.2	13.6	6.57	3.90	18.7	36.2	45.8	49.0	46.3	37.3	19.4			
85	1.08	3.16	10.6	15.3	16.6	15.3	9.57	3.37	1.34	14.4	31.4	39.9	43.1	40.5	32.1	14.9			
90	0.64	2.18	8.20	11.2	12.2	11.7	7.53	1.74	0.45	10.7	26.6	36.0	39.4	36.6	27.8	11.1			
95	0.63	1.07	4.19	6.09	6.40	6.10	4.83	1.09	0.62	5.50	22.8	32.0	35.3	32.9	24.0	5.74			
100	0.40	1.01	0.42	3.70	5.33	4.26	0.17	0.68	0.42	2.16	2.57	29.3	33.0	29.6	4.53	2.43			
105	0.24	0.66	2.79	0.34	0.09	0.19	2.51	0.66	0.25	1.42	9.43	0.07	0.38	0.06	10.9	1.66			
110	0.14	0.34	2.53	4.16	4.16	4.02	2.31	0.31	0.12	0.90	7.97	17.8	13.1	16.0	8.34	0.95			
115	0.10	0.16	1.96	3.69	4.21	3.68	1.93	0.16	0.06	0.48	5.73	14.3	18.4	15.1	6.15	0.47			
120	0.09	0.08	1.21	3.00	3.51	2.99	1.30	0.08	0.06	0.16	4.05	10.5	14.4	10.9	4.16	0.17			
125	0.08	0.07	0.71	2.09	2.68	2.08	0.78	0.07	0.08	0.12	2.36	6.89	10.2	6.73	2.21	0.12			
130	0.08	0.07	0.36	1.31	1.77	1.36	0.43	0.07	0.09	0.11	1.02	3.21	4.64	3.09	0.95	0.12			
135	0.10	0.08	0.15	0.71	1.01	0.76	0.19	0.08	0.09	0.12	0.37	1.32	1.89	1.33	0.37	0.11			
140	0.10	0.09	0.10	0.33	0.49	0.35	0.10	0.09	0.11	0.13	0.20	0.59	0.84	0.57	0.21	0.09			
145	0.11	0.09	0.11	0.13	0.20	0.14	0.11	0.08	0.13	0.11	0.20	0.28	0.37	0.28	0.19	0.10			
150	0.12	0.10	0.12	0.12	0.12	0.12	0.11	0.09	0.15	0.14	0.20	0.23	0.24	0.22	0.20	0.16			
155	0.13	0.12	0.12	0.13	0.12	0.12	0.11	0.10	0.17	0.17	0.20	0.24	0.24	0.24	0.21	0.18			
160	0.14	0.13	0.11	0.12	0.12	0.12	0.10	0.11	0.19	0.19	0.18	0.23	0.24	0.24	0.17	0.20			
165	0.15	0.13	0.12	0.10	0.09	0.10	0.11	0.12	0.19	0.20	0.21	0.19	0.19	0.19	0.21	0.21			
170	0.15	0.15	0.12	0.11	0.10	0.11	0.11	0.13	0.19	0.19	0.20	0.21	0.21	0.21	0.20	0.21			
175	0.15	0.16	0.14	0.12	0.11	0.12	0.13	0.15	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19			
180	0.17	0.17	0.16	0.15	0.14	0.16	0.16	0.17	0.17	0.17	0.16	0.15	0.15	0.16	0.16	0.17			

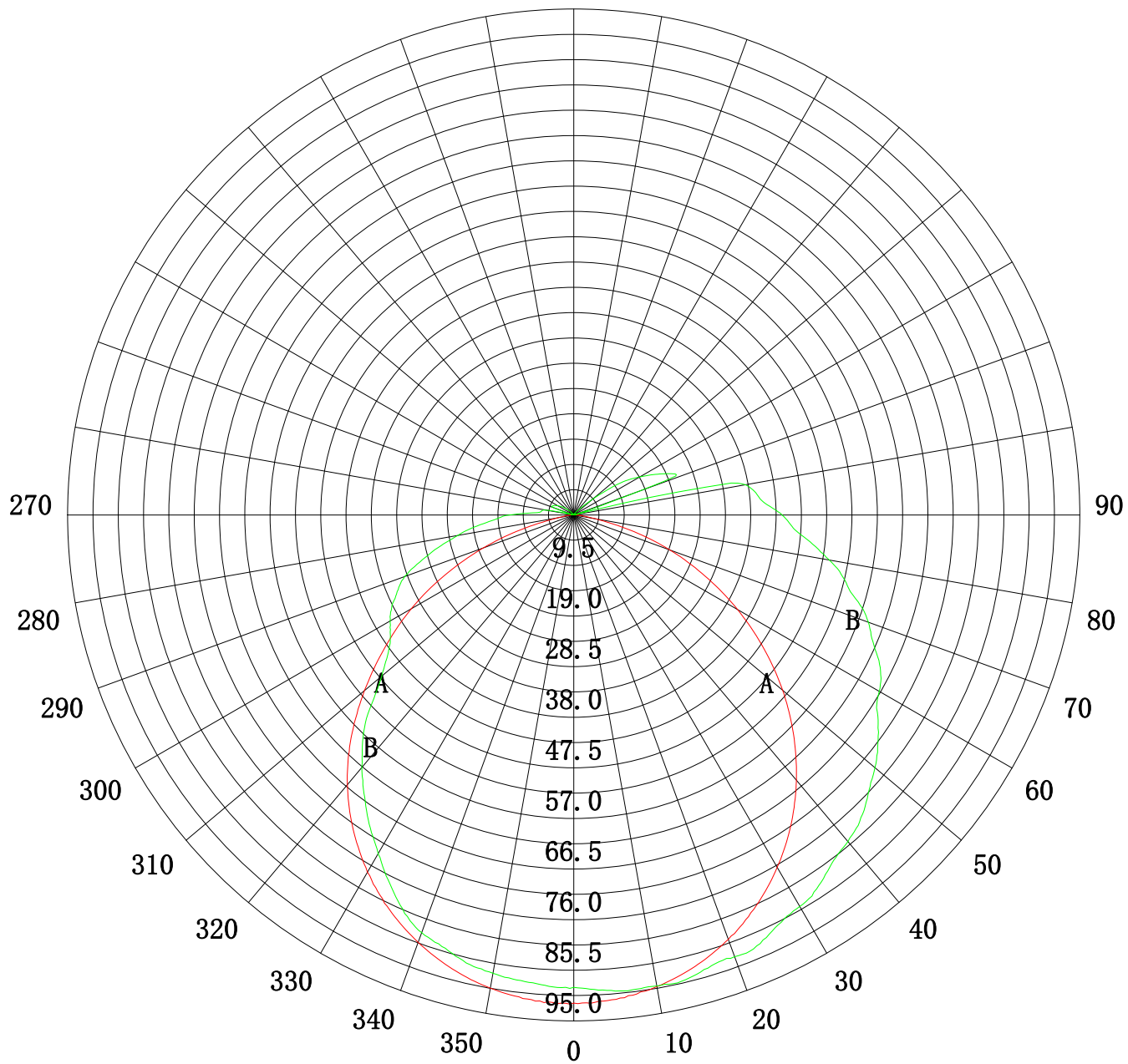
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Near  
 Test Date: 2018-07-30

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

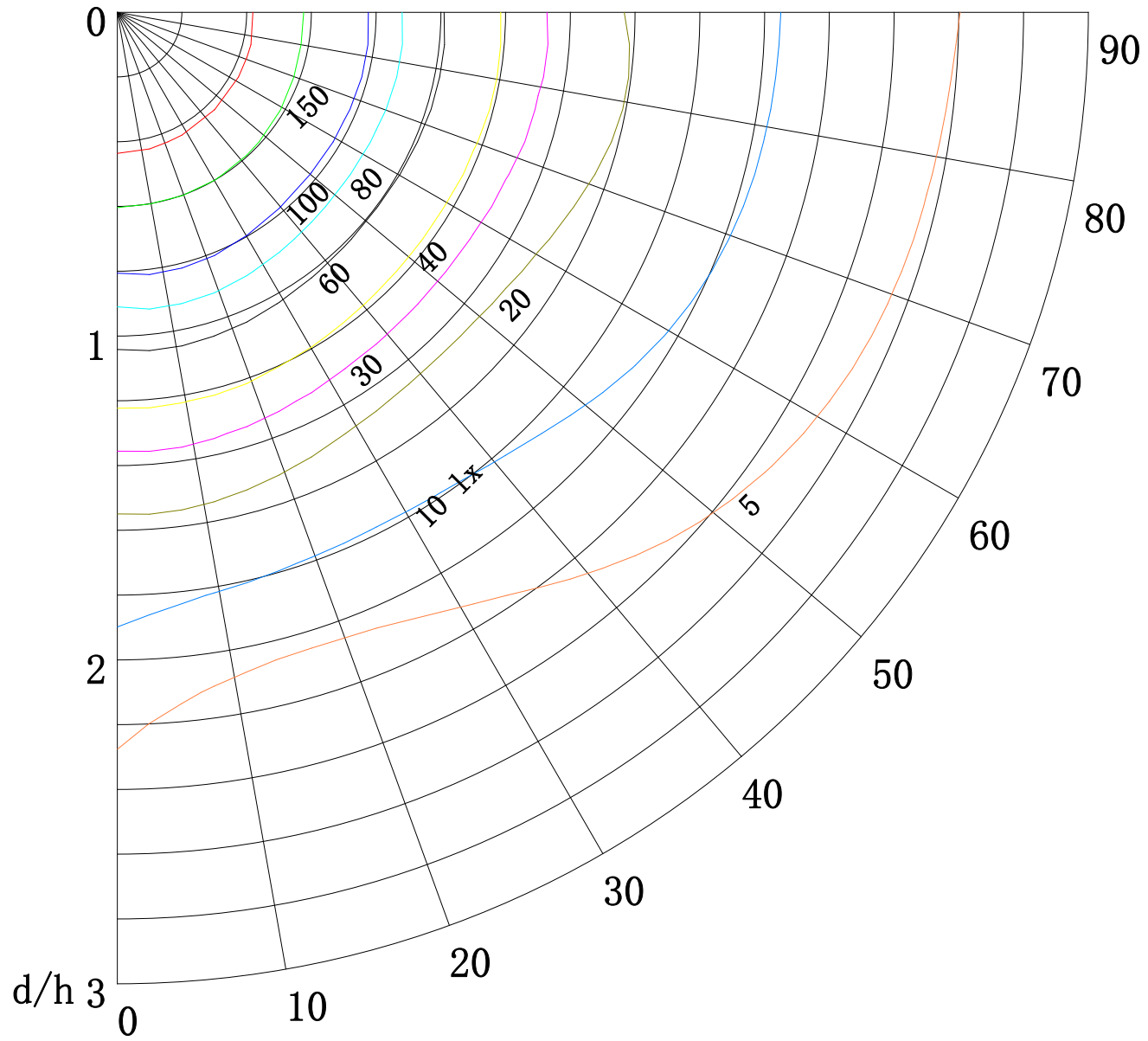
Assessor: Akin Xu

I (cd)



1000 1m

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

