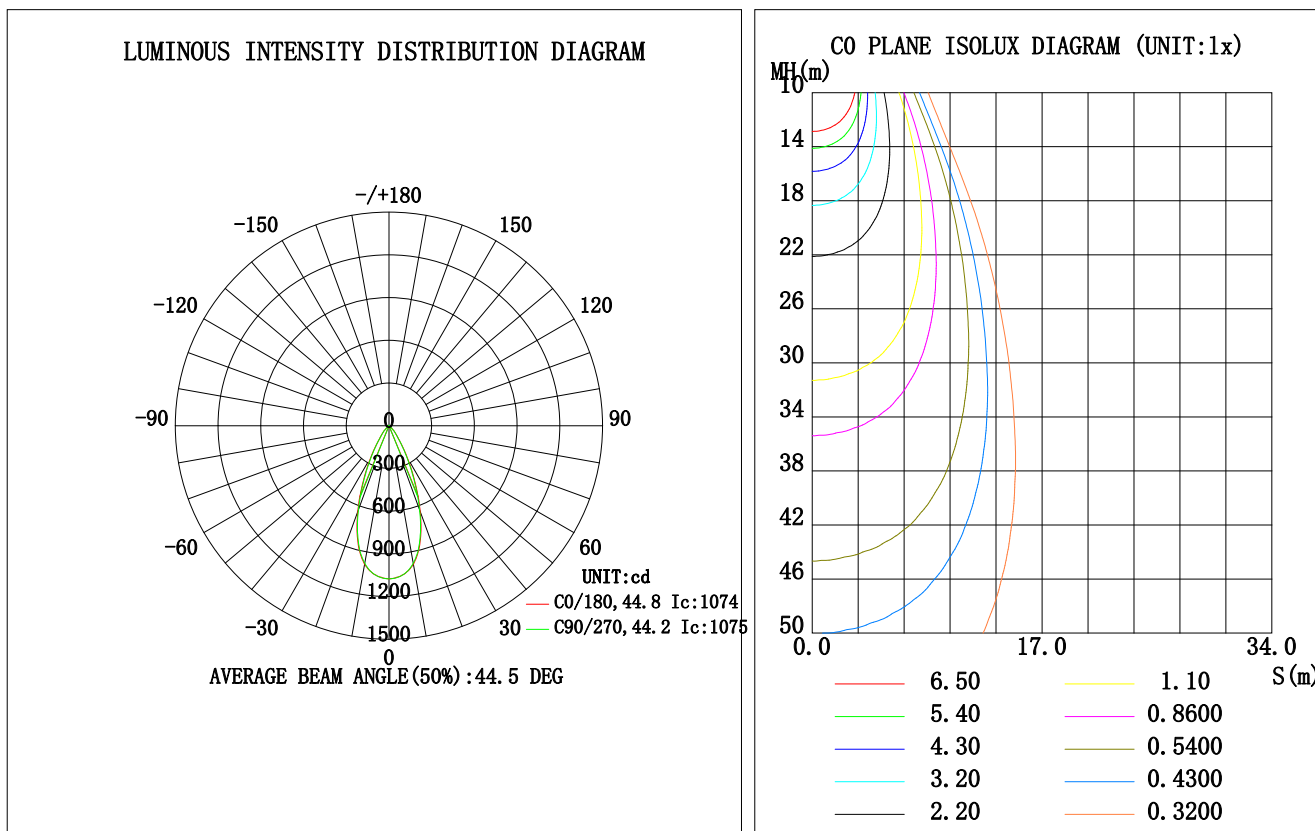


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.72 lm/W
MODEL	TD3110	I _{max} (cd)	1075	S/MH(C0/180)	0.71	
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.70	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	664.85	η UP, DN(C0-180)	0.1, 49.9	
NOMINAL FLUX(lm)	664.852	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 49.9	
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	240	η down (%)	99.8	CIBSE SHR MAX	0.70	



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Near
Test Date: 2018-12-14

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	1053	1054	1055	1054	1053	1054	1055	1054	0- 5	25.45	25.45	3.83, 3.83
10	988.4	984.0	980.9	984.0	988.4	984.0	980.9	984.0	5- 10	73.03	98.49	14.8, 14.8
15	845.7	840.4	837.5	840.4	845.7	840.4	837.5	840.4	10- 15	108.5	207.0	31.1, 31.1
20	642.7	633.4	629.7	633.4	642.7	633.4	629.7	633.4	15- 20	121.4	328.4	49.4, 49.4
25	427.6	418.6	416.1	418.6	427.6	418.6	416.1	418.6	20- 25	109.5	437.8	65.9, 65.9
30	255.9	247.8	243.6	247.8	255.9	247.8	243.6	247.8	25- 30	82.87	520.7	78.3, 78.3
35	134.7	134.2	131.3	134.2	134.7	134.2	131.3	134.2	30- 35	54.56	575.3	86.5, 86.5
40	76.98	76.12	76.38	76.12	76.98	76.12	76.38	76.12	35- 40	33.45	608.7	91.6, 91.6
45	43.71	42.68	43.95	42.68	43.71	42.68	43.95	42.68	40- 45	22.08	630.8	94.9, 94.9
50	19.92	19.16	19.77	19.16	19.92	19.16	19.77	19.16	45- 50	11.03	641.8	96.5, 96.5
55	13.49	13.03	12.78	13.03	13.49	13.03	12.78	13.03	50- 55	6.738	648.6	97.6, 97.6
60	10.68	10.50	10.08	10.50	10.68	10.50	10.08	10.50	55- 60	5.420	654.0	98.4, 98.4
65	5.112	5.215	5.206	5.215	5.112	5.215	5.206	5.215	60- 65	3.969	658.0	99.99
70	3.616	3.590	3.572	3.590	3.616	3.590	3.572	3.590	65- 70	2.036	660.0	99.3, 99.3
75	2.730	2.703	2.687	2.703	2.730	2.703	2.687	2.703	70- 75	1.657	661.7	99.5, 99.5
80	1.675	1.647	1.629	1.647	1.675	1.647	1.629	1.647	75- 80	1.172	662.8	99.7, 99.7
85	0.5926	0.5768	0.5676	0.5768	0.5926	0.5768	0.5676	0.5768	80- 85	0.6021	663.4	99.8, 99.8
90	0.0021	0.0007	0.0008	0.0007	0.0021	0.0007	0.0008	0.0007	85- 90	0.1003	663.5	99.8, 99.8
95	0.0030	0.0023	0.0020	0.0023	0.0030	0.0023	0.0020	0.0023	90- 95	0.0010	663.5	99.8, 99.8
100	0.0037	0.0027	0.0026	0.0027	0.0037	0.0027	0.0026	0.0027	95-100	0.0016	663.5	99.8, 99.8
105	0.0020	0.0021	0.0017	0.0021	0.0020	0.0021	0.0017	0.0021	100-105	0.0016	663.5	99.8, 99.8
110	0.0024	0.0018	0.0024	0.0018	0.0024	0.0018	0.0024	0.0018	105-110	0.0013	663.5	99.8, 99.8
115	0.0058	0.0048	0.0051	0.0048	0.0058	0.0048	0.0051	0.0048	110-115	0.0018	663.5	99.8, 99.8
120	0.0177	0.0155	0.0155	0.0155	0.0177	0.0155	0.0155	0.0155	115-120	0.0047	663.5	99.8, 99.8
125	0.0391	0.0385	0.0391	0.0385	0.0391	0.0385	0.0391	0.0385	120-125	0.0120	663.6	99.8, 99.8
130	0.0774	0.0810	0.0844	0.0810	0.0774	0.0810	0.0844	0.0810	125-130	0.0253	663.6	99.8, 99.8
135	0.1622	0.1745	0.1825	0.1745	0.1622	0.1745	0.1825	0.1745	130-135	0.0487	663.6	99.8, 99.8
140	0.2869	0.3386	0.3615	0.3386	0.2869	0.3386	0.3615	0.3386	135-140	0.0916	663.7	99.8, 99.8
145	0.4441	0.5471	0.5945	0.5471	0.4441	0.5471	0.5945	0.5471	140-145	0.1430	663.9	99.9, 99.9
150	0.5870	0.7366	0.8010	0.7366	0.5870	0.7366	0.8010	0.7366	145-150	0.1845	664.1	99.9, 99.9
155	0.7429	0.9282	0.9996	0.9282	0.7429	0.9282	0.9996	0.9282	150-155	0.2054	664.3	99.9, 99.9
160	0.9210	1.054	1.132	1.054	0.9210	1.054	1.132	1.054	155-160	0.2061	664.5	99.9, 99.9
165	0.9843	1.068	1.144	1.068	0.9843	1.068	1.144	1.068	160-165	0.1745	664.6	100, 100
170	0.9806	0.9811	1.017	0.9811	0.9806	0.9811	1.017	0.9811	165-170	0.1226	664.8	100, 100
175	0.9380	0.8963	0.8932	0.8963	0.9380	0.8963	0.8932	0.8963	170-175	0.0679	664.8	100, 100
180	0.9575	0.8993	0.8768	0.8993	0.9575	0.8993	0.8768	0.8993	175-180	0.0216	664.9	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 630.81 lm

%lum = 94.9%

%lamp = 94.9%

Conical surface Flux(120deg): 654 lm

%lum = 98.4%

%lamp = 98.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2018-12-14

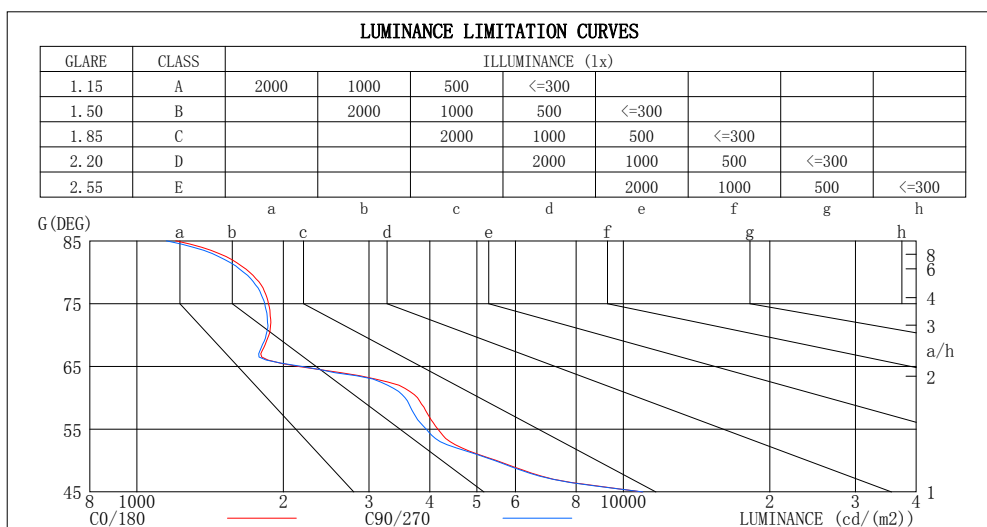
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.718m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1202	1149
80	1705	1656
75	1865	1832
70	1869	1843
65	2138	2174
60	3775	3558
55	4157	3933
50	5479	5428
45	10927	10968

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2018-12-14

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

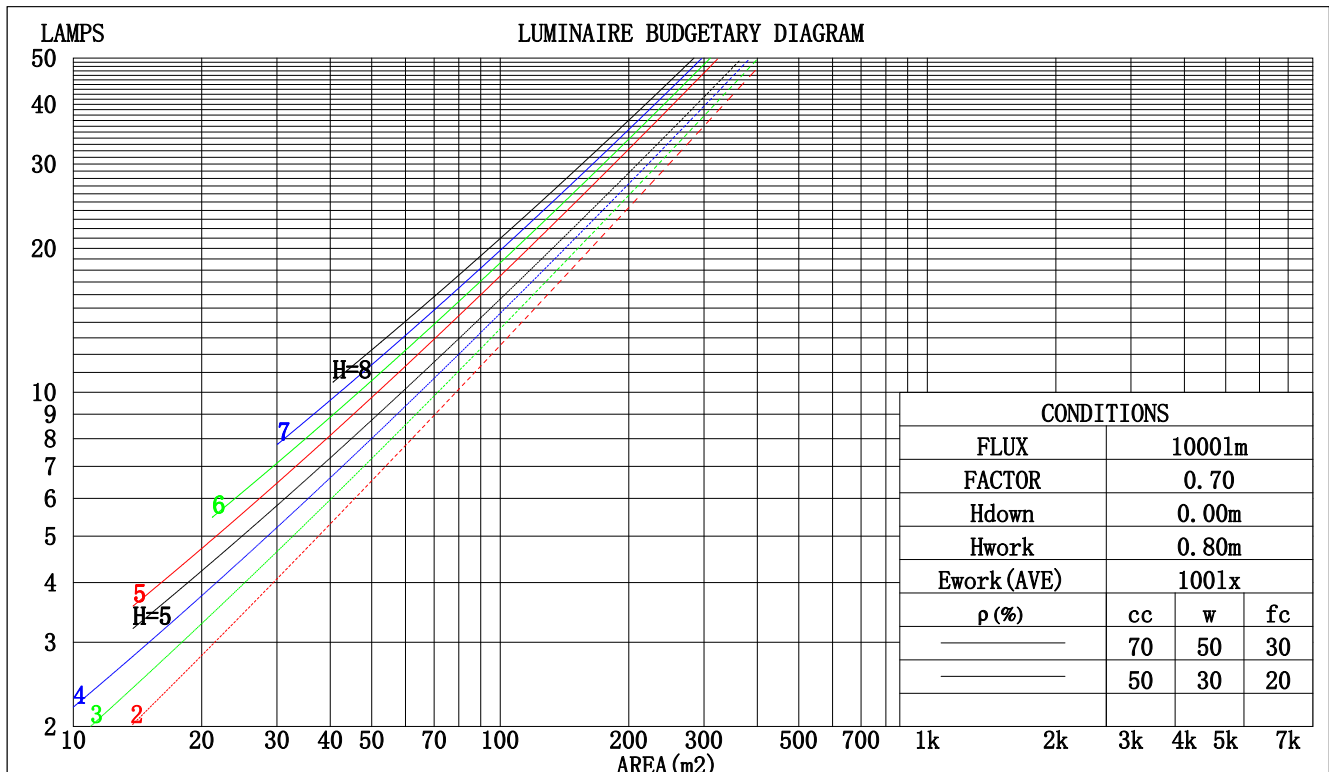
Checker: Near Gao

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 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	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.98	.98	.96	.95	.94	
2.0	1.04	.97	.97	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.89	.96	.91	.88	.93	.89	.86	.91	.88	.85	.88	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.76	.72	.81	.75	.72	.79	.74	.71	.78	.74	.71	.76	.73	.70	.69
7.0	.77	.72	.68	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.73	.68	.64	.73	.67	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.62
9.0	.70	.64	.60	.69	.64	.60	.68	.64	.60	.67	.63	.60	.67	.63	.60	.59
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.56



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2018-12-14

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:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 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	.173	.098	.031	.166	.095	.030	.154	.088	.028	.142	.082	.026	.131	.076	.025		
2.0	.164	.090	.028	.159	.087	.027	.148	.082	.026	.138	.078	.024	.129	.073	.023		
3.0	.156	.083	.025	.151	.081	.024	.142	.077	.023	.133	.073	.022	.126	.070	.022		
4.0	.147	.077	.023	.143	.075	.022	.136	.072	.021	.128	.069	.021	.122	.066	.020		
5.0	.140	.071	.021	.136	.070	.020	.130	.067	.020	.123	.065	.019	.117	.063	.019		
6.0	.133	.067	.019	.130	.066	.019	.124	.064	.018	.119	.062	.018	.113	.060	.018		
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.114	.058	.017	.109	.057	.017		
8.0	.121	.059	.017	.119	.058	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016		
9.0	.116	.056	.016	.114	.055	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015		
10.0	.111	.053	.015	.109	.053	.015	.105	.052	.015	.102	.051	.014	.099	.050	.014		

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.172	.159	.147	.147	.136	.126	.101	.094	.087	.058	.054	.051	.019	.017	.016	
2.0	.157	.134	.115	.134	.115	.099	.092	.080	.069	.053	.046	.041	.017	.015	.013	
3.0	.144	.115	.092	.123	.099	.080	.085	.069	.056	.049	.040	.033	.016	.013	.011	
4.0	.133	.100	.075	.114	.087	.065	.079	.060	.046	.046	.035	.027	.015	.012	.009	
5.0	.124	.089	.062	.107	.077	.054	.074	.054	.038	.043	.031	.023	.014	.010	.007	
6.0	.117	.079	.052	.100	.069	.046	.069	.048	.032	.040	.028	.019	.013	.009	.006	
7.0	.110	.071	.045	.094	.062	.039	.065	.043	.028	.038	.026	.016	.012	.008	.005	
8.0	.104	.065	.038	.089	.056	.034	.062	.040	.024	.036	.023	.014	.012	.008	.005	
9.0	.099	.060	.034	.085	.052	.029	.059	.037	.021	.034	.022	.012	.011	.007	.004	
10.0	.094	.055	.030	.081	.048	.026	.056	.034	.018	.033	.020	.011	.011	.007	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2018-12-14

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:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 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	2H	16.5	17.4	16.8	17.6	17.8	16.4	17.3	16.6	17.4	17.6
	3H	16.5	17.3	16.8	17.5	17.7	16.3	17.2	16.6	17.4	17.6
	4H	16.5	17.3	16.8	17.5	17.8	16.3	17.1	16.6	17.3	17.6
	6H	16.5	17.3	16.8	17.5	17.7	16.3	17.1	16.6	17.3	17.6
	8H	16.5	17.2	16.8	17.5	17.7	16.3	17.0	16.6	17.3	17.5
	12H	16.5	17.2	16.8	17.4	17.7	16.3	17.0	16.6	17.2	17.5
4H	2H	16.4	17.2	16.7	17.4	17.7	16.2	17.0	16.5	17.2	17.5
	3H	16.5	17.1	16.8	17.4	17.7	16.3	17.0	16.6	17.2	17.5
	4H	16.5	17.1	16.8	17.4	17.7	16.3	16.9	16.7	17.2	17.5
	6H	16.5	17.1	16.9	17.4	17.8	16.4	16.9	16.7	17.2	17.6
	8H	16.5	17.0	16.9	17.4	17.8	16.4	16.9	16.8	17.2	17.6
	12H	16.5	17.0	16.9	17.4	17.7	16.3	16.8	16.8	17.2	17.6
8H	4H	16.4	16.9	16.8	17.3	17.7	16.3	16.8	16.7	17.1	17.5
	6H	16.5	16.9	16.9	17.3	17.7	16.3	16.8	16.8	17.2	17.6
	8H	16.5	16.9	17.0	17.3	17.8	16.4	16.7	16.8	17.1	17.6
	12H	16.5	16.8	17.0	17.3	17.8	16.4	16.7	16.8	17.1	17.6
12H	4H	16.4	16.8	16.8	17.2	17.6	16.2	16.7	16.6	17.1	17.4
	6H	16.5	16.8	16.9	17.3	17.7	16.3	16.7	16.8	17.1	17.5
	8H	16.5	16.8	17.0	17.3	17.7	16.3	16.7	16.8	17.1	17.6
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 3.1					+ 1.9 / - 3.2					
1.5H	+ 3.5 / - 2.7					+ 3.6 / - 2.8					
2.0H	+ 3.7 / - 1.8					+ 3.9 / - 1.7					

CIE Pub.117, 664.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.4)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2018-12-14

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:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	93	89	98	92	89	96	92	88	84
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	107	104	106	104	102	95
4.00	114	111	108	111	109	107	108	106	104	97
5.00	115	112	111	113	111	109	109	107	106	98
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:2018-12-14

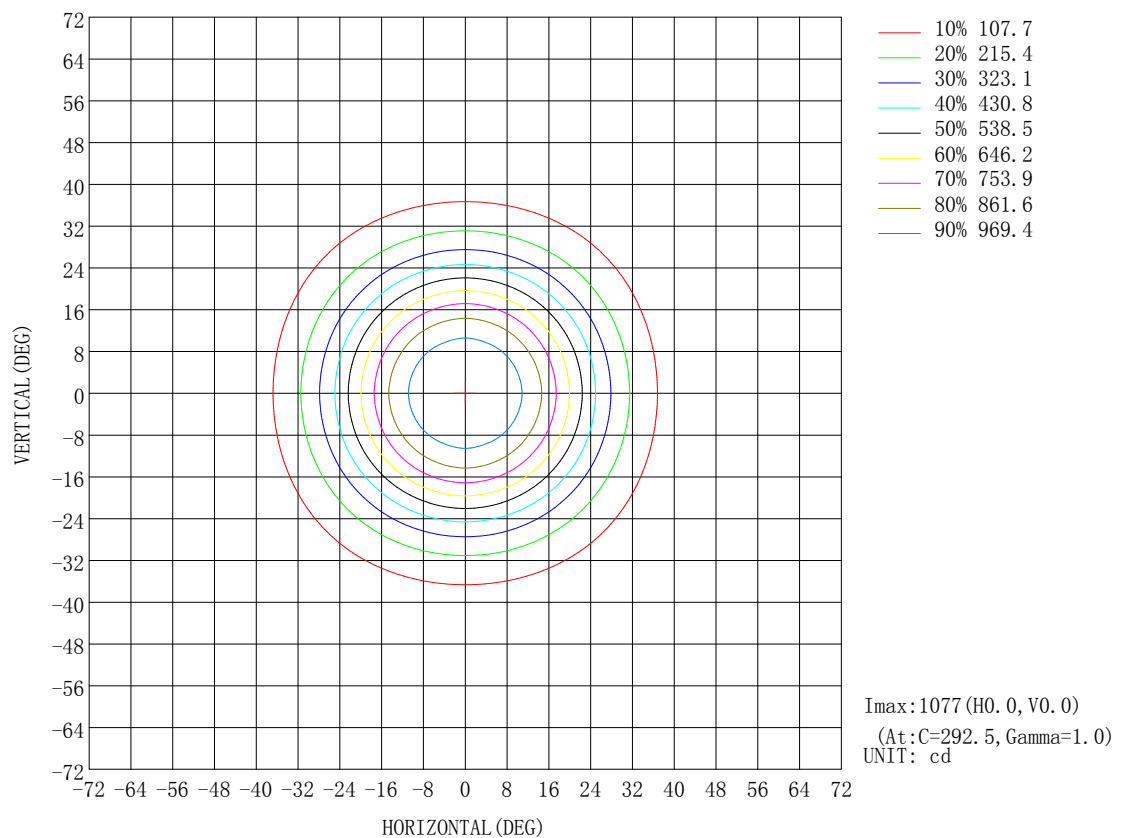
Checker: Near Gao

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

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 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: 2018-12-14

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

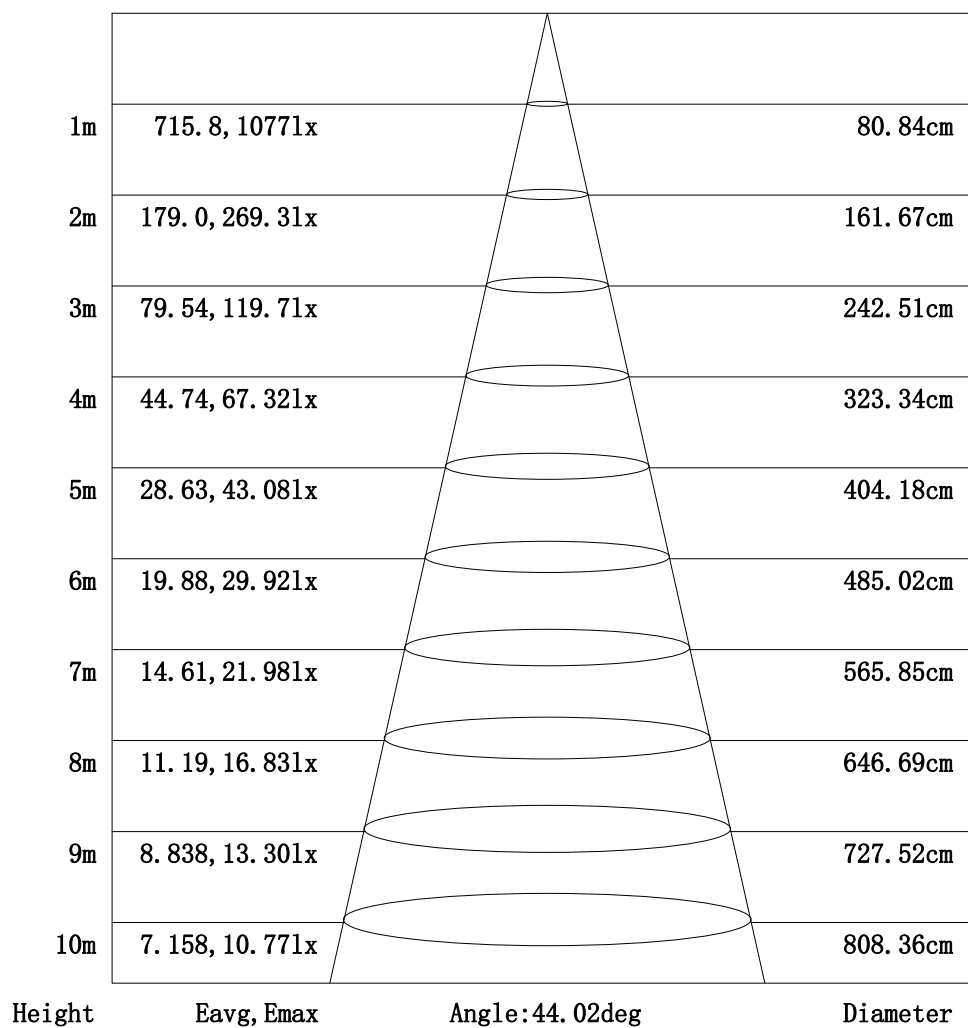
Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Flux out:385.9 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:2018-12-14

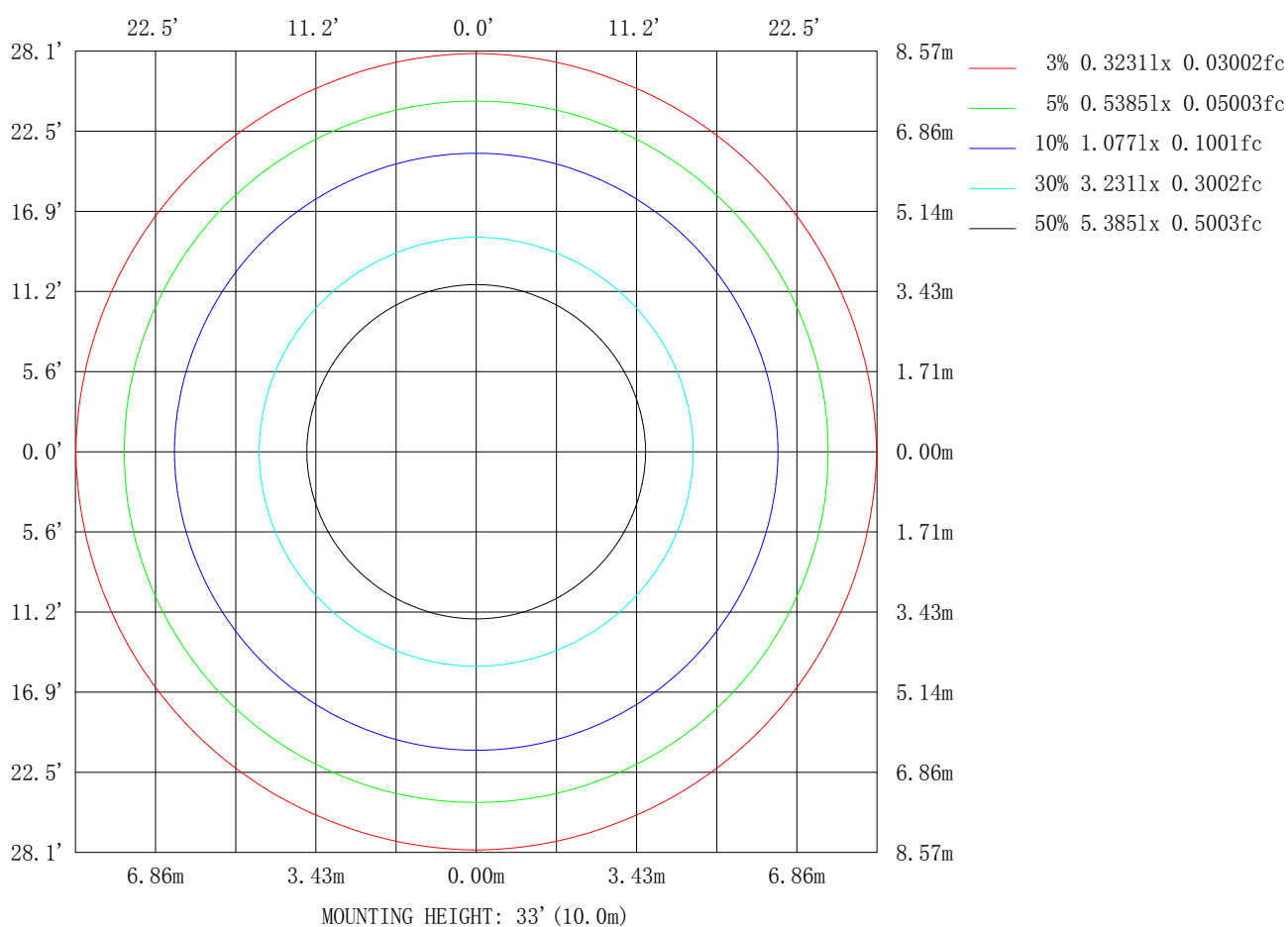
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.718m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 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: 2018-12-14

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

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	2133
L_0~180(75)av	1860
L_0~180(85)av	1199
L_90~270(65)av	2172
L_90~270(75)av	1830
L_90~270(85)av	1148
L_45(65)av	2176
L_45(75)av	1841
L_45(85)av	1167

Standard: GB/T 29293-2012

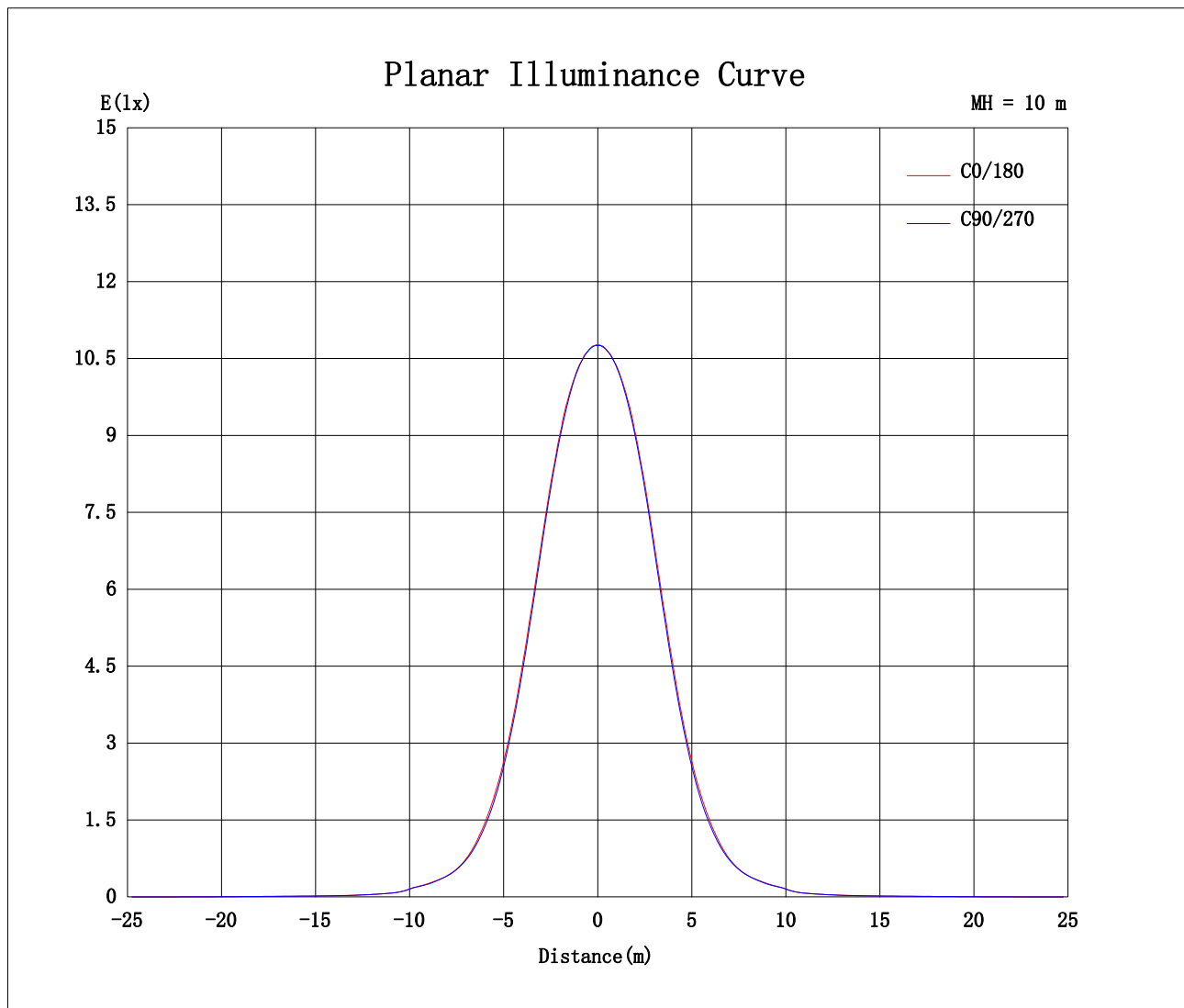
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2018-12-14

Checker: Near Gao

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

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Near
Test Date: 2018-12-14

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.0V I:0.0358A P:8.037W PF:0.9362 Freq:50.00Hz Lamp Flux:664.852x1 lm		
NAME: 1	TYPE:	WEIGHT:
SPEC. :	DIM. :	SERIAL No. :
MFR. :	SUR. :	Shielding Angle:

Table—1

UNIT: cd

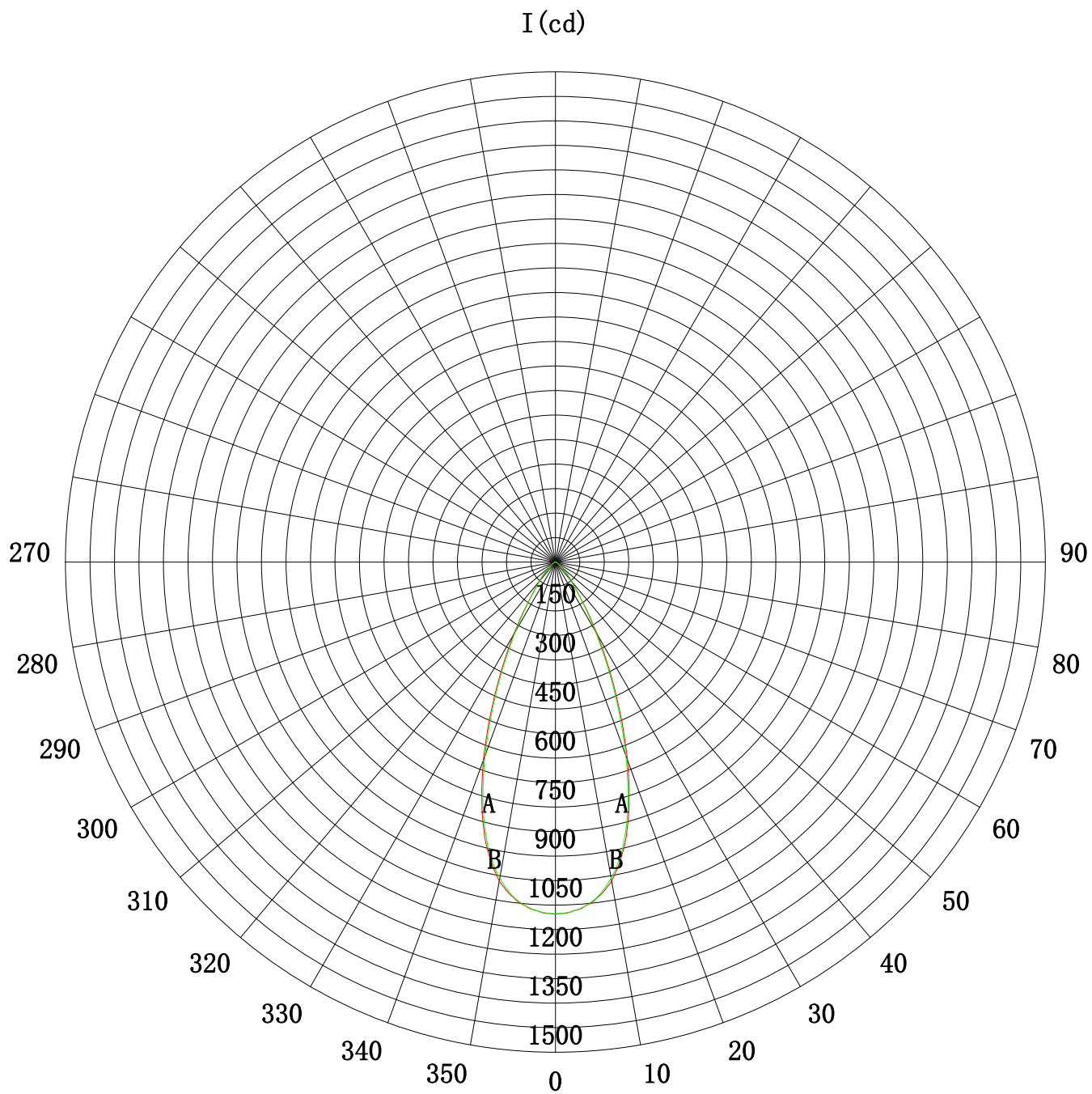
C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074			
5	1053	1054	1054	1056	1055	1056	1054	1054	1053	1054	1054	1056	1055	1056	1054	1054			
10	988	987	984	981	981	981	984	987	988	987	984	981	981	981	984	987			
15	846	845	840	839	837	839	840	845	846	845	840	839	837	839	840	845			
20	643	640	633	630	630	630	633	640	643	640	633	630	630	630	633	640			
25	428	425	419	416	416	416	419	425	428	425	419	416	416	416	419	425			
30	256	252	248	246	244	246	248	252	256	252	248	246	244	246	248	252			
35	135	134	134	133	131	133	134	134	135	134	134	133	131	133	134	134			
40	77.0	76.4	76.1	75.4	76.4	75.4	76.1	76.4	77.0	76.4	76.1	75.4	76.4	75.4	76.1	76.4			
45	43.7	44.0	42.7	42.9	43.9	42.9	42.7	44.0	43.7	44.0	42.7	42.9	43.9	42.9	42.7	44.0			
50	19.9	20.1	19.2	18.8	19.8	18.8	19.2	20.1	19.9	20.1	19.2	18.8	19.8	18.8	19.2	20.1			
55	13.5	13.4	13.0	12.7	12.8	12.7	13.0	13.4	13.5	13.4	13.0	12.7	12.8	12.7	13.0	13.4			
60	10.7	10.6	10.5	10.3	10.1	10.3	10.5	10.6	10.7	10.6	10.5	10.3	10.1	10.3	10.5	10.6			
65	5.11	5.19	5.21	5.23	5.21	5.23	5.21	5.19	5.11	5.19	5.21	5.23	5.21	5.23	5.21	5.19			
70	3.62	3.61	3.59	3.58	3.57	3.58	3.59	3.61	3.62	3.61	3.59	3.58	3.57	3.58	3.59	3.61			
75	2.73	2.72	2.70	2.70	2.69	2.70	2.70	2.72	2.73	2.72	2.70	2.70	2.69	2.70	2.70	2.72			
80	1.67	1.66	1.65	1.64	1.63	1.64	1.65	1.66	1.67	1.66	1.65	1.64	1.63	1.64	1.65	1.66			
85	0.59	0.58	0.58	0.57	0.57	0.57	0.58	0.58	0.59	0.58	0.58	0.57	0.57	0.57	0.58	0.58			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01			
120	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
125	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
130	0.08	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.09	0.08	0.09	0.08	0.08			
135	0.16	0.16	0.17	0.18	0.18	0.18	0.17	0.16	0.16	0.16	0.17	0.18	0.18	0.18	0.17	0.16			
140	0.29	0.30	0.34	0.36	0.36	0.36	0.34	0.30	0.29	0.30	0.34	0.36	0.36	0.36	0.34	0.30			
145	0.44	0.48	0.55	0.59	0.59	0.59	0.55	0.48	0.44	0.48	0.55	0.59	0.59	0.59	0.55	0.48			
150	0.59	0.65	0.74	0.79	0.80	0.79	0.74	0.65	0.59	0.65	0.74	0.79	0.80	0.79	0.74	0.65			
155	0.74	0.84	0.93	0.99	1.00	0.99	0.93	0.84	0.74	0.84	0.93	0.99	1.00	0.99	0.93	0.84			
160	0.92	0.97	1.05	1.12	1.13	1.12	1.05	0.97	0.92	0.97	1.05	1.12	1.13	1.12	1.05	0.97			
165	0.98	1.00	1.07	1.11	1.14	1.11	1.07	1.00	0.98	1.00	1.07	1.11	1.14	1.11	1.07	1.00			
170	0.98	0.96	0.98	1.01	1.02	1.01	0.98	0.96	0.98	0.96	0.98	1.01	1.02	1.01	0.98	0.96			
175	0.94	0.91	0.90	0.90	0.89	0.90	0.90	0.91	0.94	0.91	0.90	0.90	0.89	0.90	0.90	0.91			
180	0.96	0.91	0.90	0.87	0.88	0.87	0.90	0.91	0.96	0.91	0.90	0.87	0.88	0.87	0.90	0.91			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2018-12-14

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

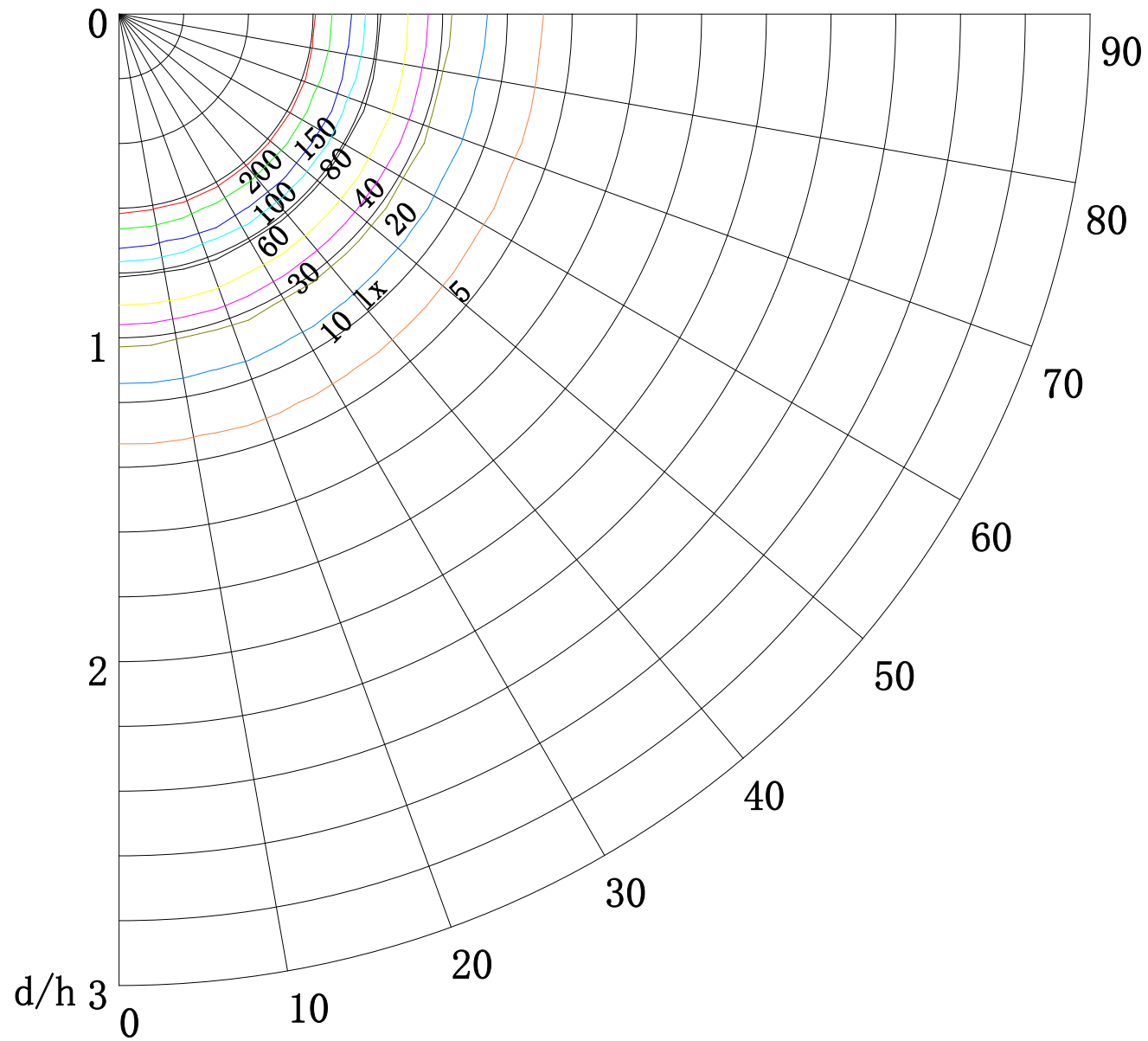
Checker: Near Gao

Assessor: Akin Xu



1000 l_m

$K = 1$



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

	P _{cc}	P _w	P _{fc}
—————	70	50	30
—————	50	30	20

