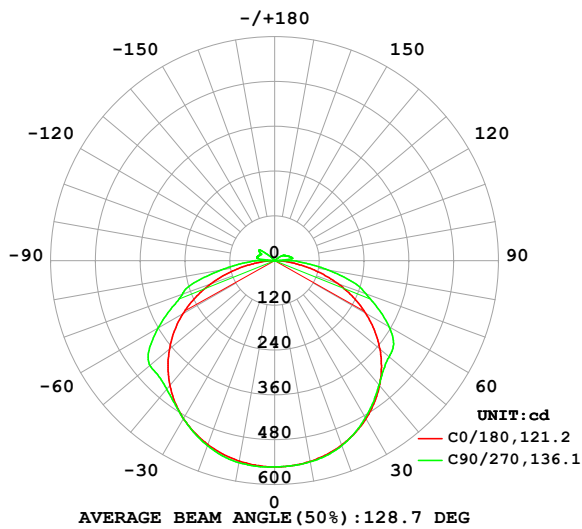


LUMINAIRE PHOTOMETRIC TEST REPORT

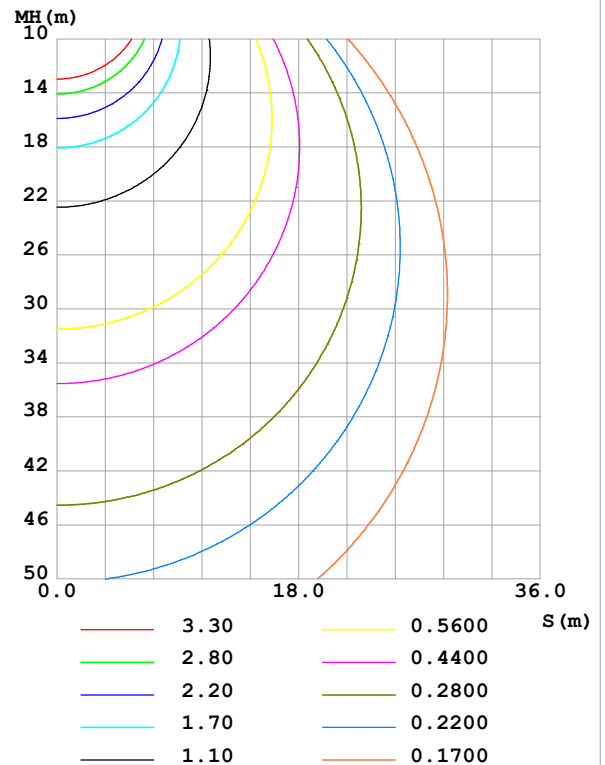
Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 123.26 lm/W
MODEL	100V-2835-288L-4000K	I _{max} (cd)	553.6	S/MH(C0/180)	1.32	
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.32	
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	2005.9	η UP,DN(C0-180)	1.7,47.6	
NOMINAL FLUX(lm)	2005.94	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.4,48.4	
LAMPS INSIDE	1	η up (%)	4.0	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	100	η down (%)	96.0	CIBSE SHR MAX	1.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5°C
Operators: Near Gao
Test Date: 2025-12-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance: 2.488m [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	551.2	550.8	551.2	550.7	550.9	552.2	552.9	552.7	0- 5	13.20	13.20	0.66,0.66
10	546.4	547.0	547.4	545.7	545.5	548.2	549.8	549.0	5- 10	39.33	52.53	2.62,2.62
15	538.0	539.2	540.3	537.4	536.8	540.1	541.5	541.9	10- 15	64.51	117.0	5.83,5.83
20	525.9	528.2	527.2	526.2	524.4	528.3	527.7	530.0	15- 20	87.97	205.0	10.2,10.2
25	509.6	512.1	508.9	510.5	508.4	510.8	509.5	513.4	20- 25	108.9	313.9	15.6,15.6
30	489.6	491.1	486.6	490.3	488.8	490.3	489.3	492.3	25- 30	126.7	440.6	22,22
35	465.3	466.2	461.9	465.9	464.9	465.9	467.7	468.5	30- 35	140.9	581.5	29,29
40	437.1	437.5	435.3	438.3	436.5	439.6	450.0	442.8	35- 40	151.3	732.7	36.5,36.5
45	405.2	406.6	413.3	408.7	404.4	415.2	438.9	418.7	40- 45	158.3	891.0	44.4,44.4
50	368.2	376.7	400.6	379.9	367.9	394.4	436.6	397.3	45- 50	162.7	1054	52.5,52.5
55	326.7	352.2	389.3	353.8	327.9	377.9	409.4	377.0	50- 55	164.6	1218	60.7,60.7
60	281.5	325.5	354.2	325.7	283.4	342.1	360.3	342.8	55- 60	160.3	1379	68.7,68.7
65	232.5	282.1	307.1	285.3	234.2	289.8	306.9	294.0	60- 65	147.9	1526	76.1,76.1
70	180.1	230.6	260.1	235.2	181.5	234.2	263.4	240.8	65- 70	129.2	1656	82.5,82.5
75	125.5	183.4	212.8	186.2	127.3	192.3	216.7	194.5	70- 75	108.4	1764	87.9,87.9
80	72.62	129.2	145.3	133.0	73.41	133.6	145.5	140.4	75- 80	81.87	1846	92,92
85	28.83	75.12	84.72	79.37	28.86	77.32	86.81	84.40	80- 85	51.95	1898	94.6,94.6
90	1.962	22.98	18.30	2.347	2.090	37.70	52.01	49.58	85- 90	27.26	1925	96,96
95	0.1843	33.40	22.98	32.55	0.2621	25.53	1.302	12.57	90- 95	5.558	1931	96.2,96.2
100	0.2157	36.64	46.28	36.64	0.3208	40.33	48.66	40.74	95-100	15.03	1946	97,97
105	0.2537	29.10	42.52	29.07	0.4245	36.25	47.42	36.43	100-105	15.18	1961	97.8,97.8
110	0.3143	19.93	36.76	19.97	0.5287	30.40	43.84	27.00	105-110	12.29	1973	98.4,98.4
115	0.3415	13.55	31.86	13.61	0.5584	27.37	41.65	22.10	110-115	9.732	1983	98.9,98.9
120	0.4280	4.779	29.24	6.343	0.6456	26.43	47.41	19.73	115-120	8.560	1991	99.3,99.3
125	0.4866	0.4447	21.31	0.5021	0.7866	14.62	50.33	9.481	120-125	7.160	1999	99.6,99.6
130	0.5418	0.5601	4.920	0.6384	0.8355	3.227	30.53	3.360	125-130	4.030	2003	99.8,99.8
135	0.6108	0.4891	0.6865	0.6459	0.7591	0.8960	11.17	0.8215	130-135	1.467	2004	99.9,99.9
140	0.6691	0.6229	0.6903	0.5974	0.8280	0.7416	2.854	0.6787	135-140	0.5135	2005	99.9,99.9
145	0.6784	0.7028	0.5732	0.7582	0.8080	0.8916	0.9692	0.9098	140-145	0.2897	2005	99.9,99.9
150	0.8154	0.7264	0.7194	0.7215	0.8981	1.113	0.8068	0.8653	145-150	0.2416	2005	100,100
155	0.8600	0.9562	0.7507	0.8209	0.9028	1.159	0.9683	0.8922	150-155	0.2256	2005	100,100
160	0.8761	0.7309	0.9540	0.8553	0.8670	1.105	1.121	1.172	155-160	0.1992	2006	100,100
165	0.8849	0.9858	0.9109	0.8154	0.8663	0.8376	1.113	1.048	160-165	0.1600	2006	100,100
170	0.8745	0.8984	0.9609	0.9556	0.8441	1.110	0.9866	1.137	165-170	0.1143	2006	100,100
175	0.8804	1.088	1.023	1.034	0.9491	1.171	1.082	0.9081	170-175	0.0699	2006	100,100
180	0.8647	0.8552	0.8841	0.8482	0.8632	0.8552	0.8875	0.8479	175-180	0.0234	2006	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 891 lm

%lum = 44.4%

%lamp = 44.4%

Conical surface Flux(120deg): 1378.6 lm

%lum = 68.7%

%lamp = 68.7%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5°C
 Operators: Near Gao
 Test Date: 2025-12-19

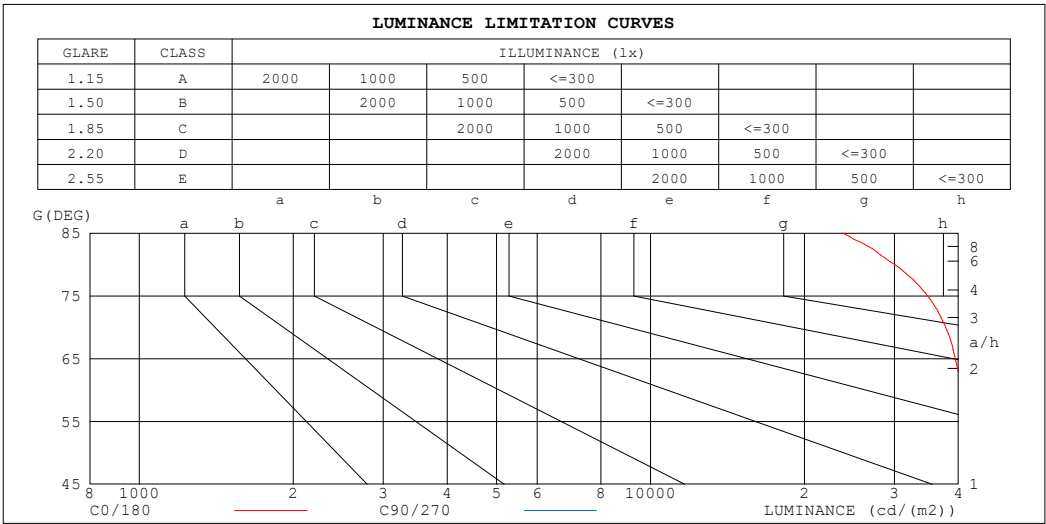
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 52.8%
 Test Distance: 2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	23740	69351
80	30012	59709
75	34805	58670
70	37783	54252
65	39478	51851
60	40407	50536
55	40875	48430
50	41111	44468
45	41127	41707

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5°C
Operators:Near Gao
Test Date:2025-12-19

Checker: Near Gao

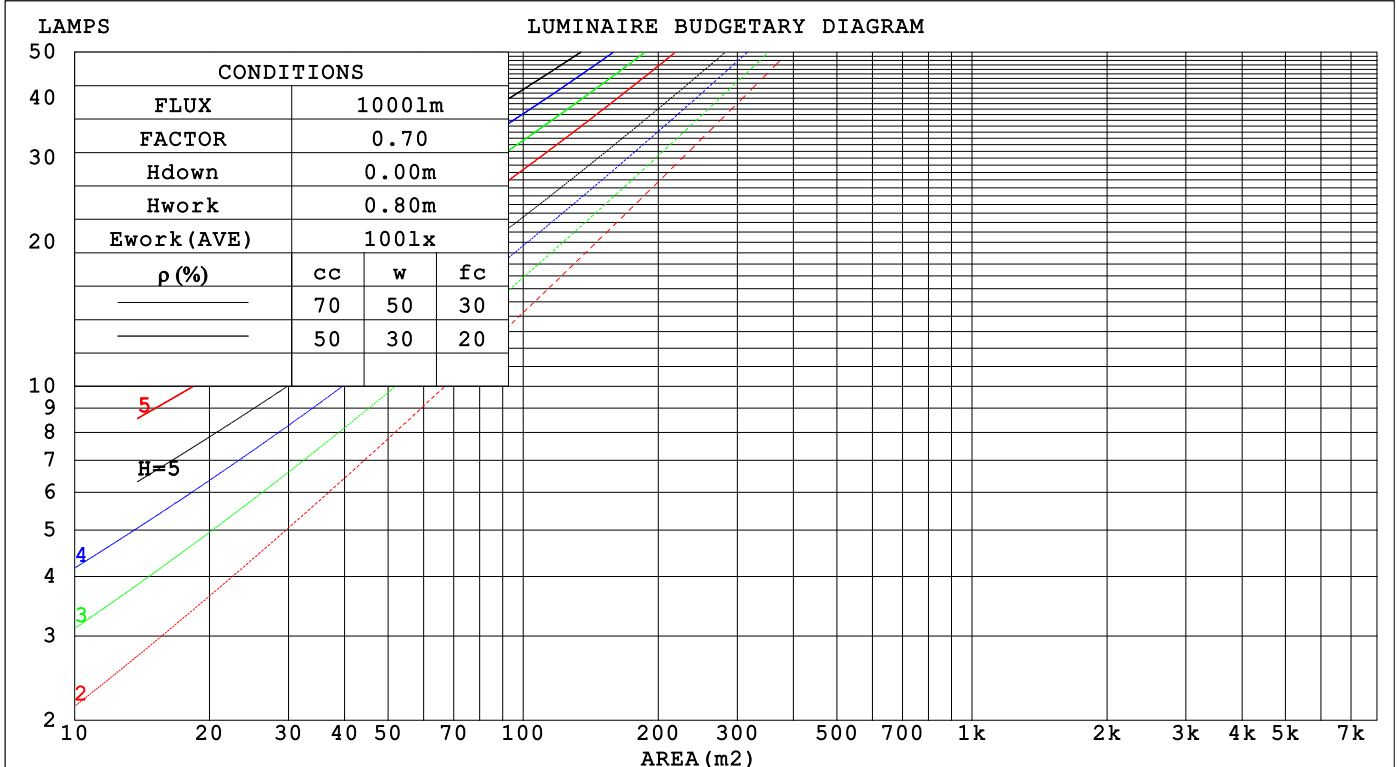
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 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			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.01	.96	.91	.98	.94	.90	.93	.89	.86	.88	.85	.83	.84	.82	.79	.77
2.0	.87	.79	.73	.84	.77	.71	.80	.74	.69	.76	.71	.67	.72	.68	.65	.62
3.0	.75	.66	.59	.73	.65	.58	.70	.63	.57	.66	.60	.55	.63	.58	.54	.51
4.0	.66	.57	.49	.64	.56	.49	.61	.54	.48	.58	.52	.47	.56	.50	.46	.43
5.0	.59	.49	.42	.57	.48	.42	.55	.47	.41	.52	.45	.40	.50	.44	.39	.37
6.0	.52	.43	.36	.51	.42	.36	.49	.41	.35	.47	.40	.35	.45	.39	.34	.32
7.0	.47	.38	.32	.46	.38	.32	.44	.37	.31	.43	.36	.31	.41	.35	.30	.28
8.0	.43	.34	.28	.42	.34	.28	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25
9.0	.39	.31	.25	.39	.31	.25	.37	.30	.25	.36	.29	.24	.35	.28	.24	.22
10.0	.36	.28	.23	.36	.28	.23	.34	.27	.22	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5°C
Operators: Near Gao
Test Date: 2025-12-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 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															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.351	.200	.063	.343	.196	.062	.327	.188	.060	.313	.180	.058	.299	.173	.056															
2.0	.320	.175	.054	.312	.172	.053	.298	.166	.052	.285	.160	.050	.273	.155	.049															
3.0	.291	.155	.046	.284	.152	.046	.271	.147	.045	.260	.142	.044	.249	.138	.043															
4.0	.265	.138	.040	.259	.135	.040	.248	.131	.039	.237	.127	.038	.227	.124	.038															
5.0	.242	.124	.036	.237	.122	.035	.227	.118	.035	.218	.115	.034	.209	.112	.034															
6.0	.223	.112	.032	.218	.110	.032	.209	.107	.031	.201	.104	.031	.193	.102	.030															
7.0	.207	.102	.029	.202	.101	.029	.194	.098	.028	.187	.096	.028	.179	.093	.027															
8.0	.192	.094	.026	.188	.093	.026	.181	.090	.026	.174	.088	.025	.167	.086	.025															
9.0	.179	.087	.024	.176	.086	.024	.169	.084	.024	.163	.082	.023	.157	.080	.023															
10.0	.168	.081	.022	.165	.080	.022	.159	.078	.022	.153	.076	.022	.148	.074	.021															

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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.214	.187	.162	.183	.160	.139	.125	.110	.096	.072	.064	.056	.023	.021	.018	
2.0	.207	.163	.126	.177	.140	.109	.122	.097	.076	.070	.056	.044	.022	.018	.014	
3.0	.200	.146	.103	.171	.126	.089	.118	.087	.062	.068	.051	.037	.022	.017	.012	
4.0	.192	.133	.087	.165	.115	.076	.113	.080	.054	.066	.047	.032	.021	.015	.010	
5.0	.185	.123	.077	.159	.106	.067	.109	.074	.047	.063	.044	.028	.020	.014	.009	
6.0	.177	.114	.069	.152	.099	.060	.105	.069	.043	.061	.041	.025	.020	.013	.008	
7.0	.170	.108	.064	.146	.093	.056	.101	.065	.039	.059	.039	.023	.019	.013	.008	
8.0	.163	.102	.060	.141	.088	.052	.097	.062	.037	.057	.037	.022	.018	.012	.007	
9.0	.157	.097	.056	.135	.084	.049	.094	.059	.035	.055	.035	.021	.018	.011	.007	
10.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5℃
Operators:Near Gao
Test Date:2025-12-19

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

UGR(Unified Glare Rating) Table

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 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	25.5	27.1	25.9	27.4	27.7	26.4	27.9	26.7	28.2	28.5
	3H	27.3	28.7	27.6	29.0	29.3	28.5	29.9	28.9	30.2
	4H	27.9	29.3	28.3	29.6	30.0	29.5	30.9	29.9	31.2
	6H	28.4	29.7	28.8	30.0	30.4	30.4	31.7	30.8	32.0
	8H	28.5	29.8	28.9	30.1	30.5	30.7	32.0	31.1	32.3
	12H	28.6	29.8	29.0	30.1	30.5	31.0	32.2	31.4	32.6
4H	2H	26.4	27.8	26.8	28.1	28.5	27.0	28.4	27.4	28.7
	3H	28.3	29.5	28.8	29.9	30.3	29.4	30.6	29.8	30.9
	4H	29.2	30.3	29.6	30.7	31.1	30.6	31.7	31.0	32.1
	6H	29.8	30.8	30.2	31.2	31.6	31.6	32.6	32.1	33.0
	8H	30.0	30.9	30.4	31.3	31.8	32.0	32.9	32.5	33.4
	12H	30.1	30.9	30.6	31.4	31.9	32.4	33.2	32.9	33.7
8H	4H	29.7	30.6	30.2	31.1	31.5	30.9	31.8	31.4	32.3
	6H	30.5	31.3	31.1	31.8	32.3	32.1	32.9	32.6	33.4
	8H	30.9	31.6	31.4	32.1	32.6	32.7	33.4	33.2	33.9
	12H	31.1	31.7	31.7	32.2	32.8	33.2	33.8	33.7	34.3
12H	4H	29.8	30.6	30.3	31.1	31.6	30.9	31.8	31.4	32.2
	6H	30.7	31.4	31.3	31.9	32.5	32.2	32.9	32.7	33.4
	8H	31.1	31.7	31.7	32.3	32.8	32.8	33.4	33.4	34.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H		+ 0.1 / - 0.2				+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3				+ 0.2 / - 0.2				
2.0H		+ 0.2 / - 0.4				+ 0.2 / - 0.4				

CIE Pub.117, 2006 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.4$)
Area: 0.014 m²

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5°C
Operators:Near Gao
Test Date:2025-12-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test: U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux: 2005.94x1 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) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	33	52	40	33	51	40	33	26
0.80	63	50	42	61	50	42	59	49	41	34
1.00	71	59	51	69	58	50	67	59	50	42
1.25	78	66	58	76	66	58	73	64	57	49
1.50	83	72	64	81	71	64	78	69	62	54
2.00	91	81	73	88	79	72	84	77	71	62
2.50	95	86	79	92	84	78	88	81	76	66
3.00	99	91	84	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	95	90	86	76
5.00	106	100	95	103	98	93	98	93	90	79
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHR NOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5°C
 Operators: Near Gao
 Test Date: 2025-12-19

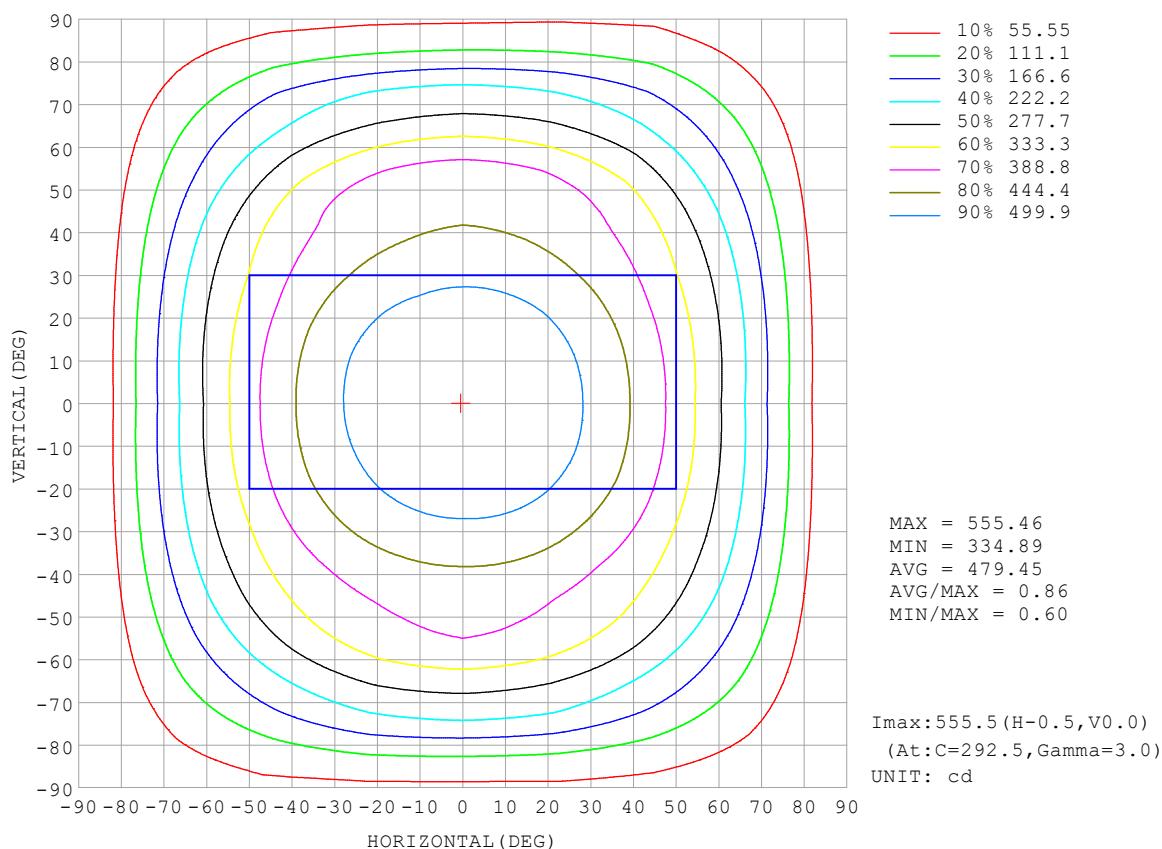
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 52.8%
 Test Distance: 2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5°C
 Operators:Near Gao
 Test Date:2025-12-19

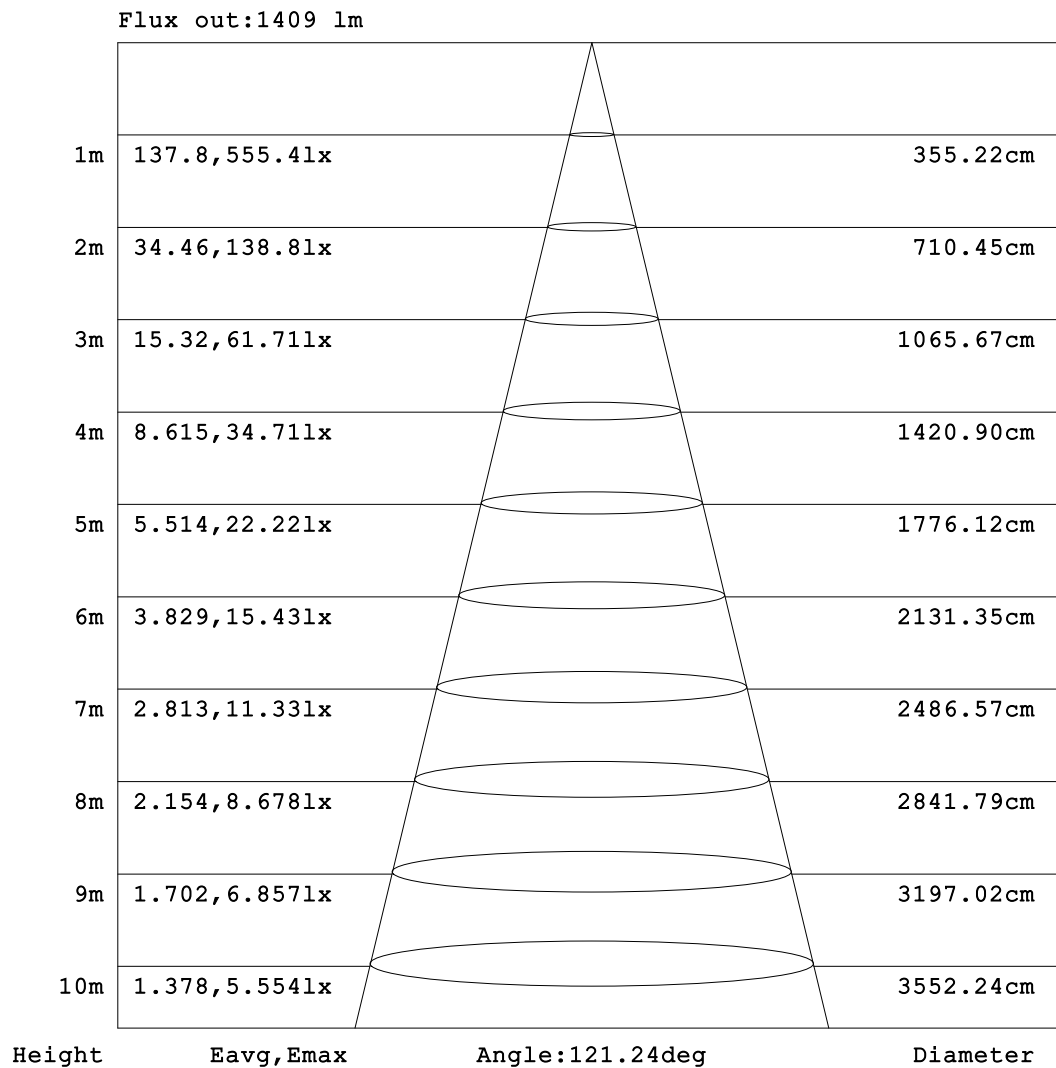
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 52.8%
 Test Distance:2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

AAI Figure

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 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: 25.5°C
Operators:Near Gao
Test Date:2025-12-19

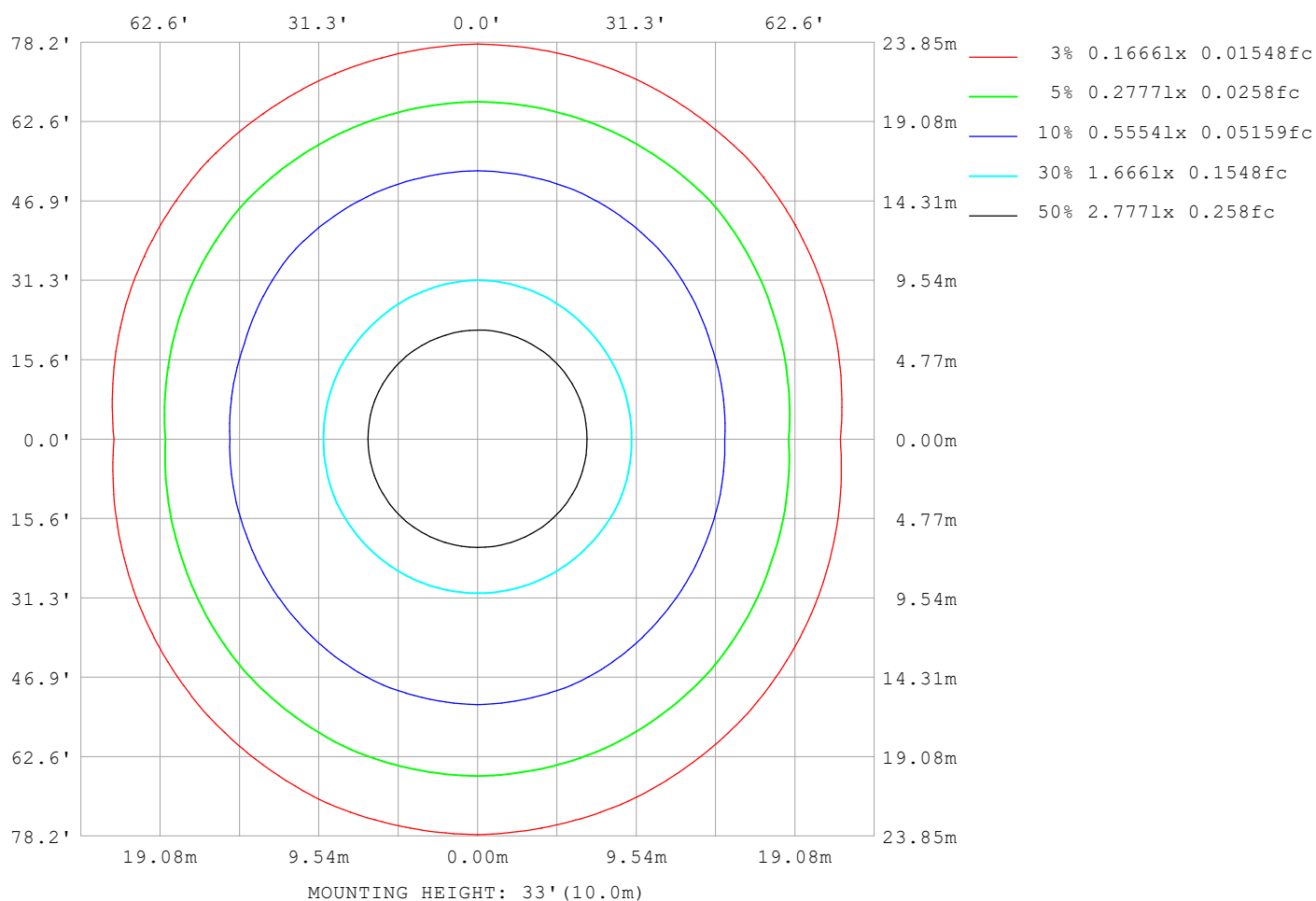
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test: U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux: 2005.94x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5°C
Operators: Near Gao
Test Date: 2025-12-19

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LED Avg.L Report

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	39439
L_0~180 (75) av	34888
L_0~180 (85) av	23639
L_90~270 (65) av	51892
L_90~270 (75) av	59269
L_90~270 (85) av	70289
L_45 (65) av	48638
L_45 (75) av	52190
L_45 (85) av	64788

Standard: GB/T 29293-2012

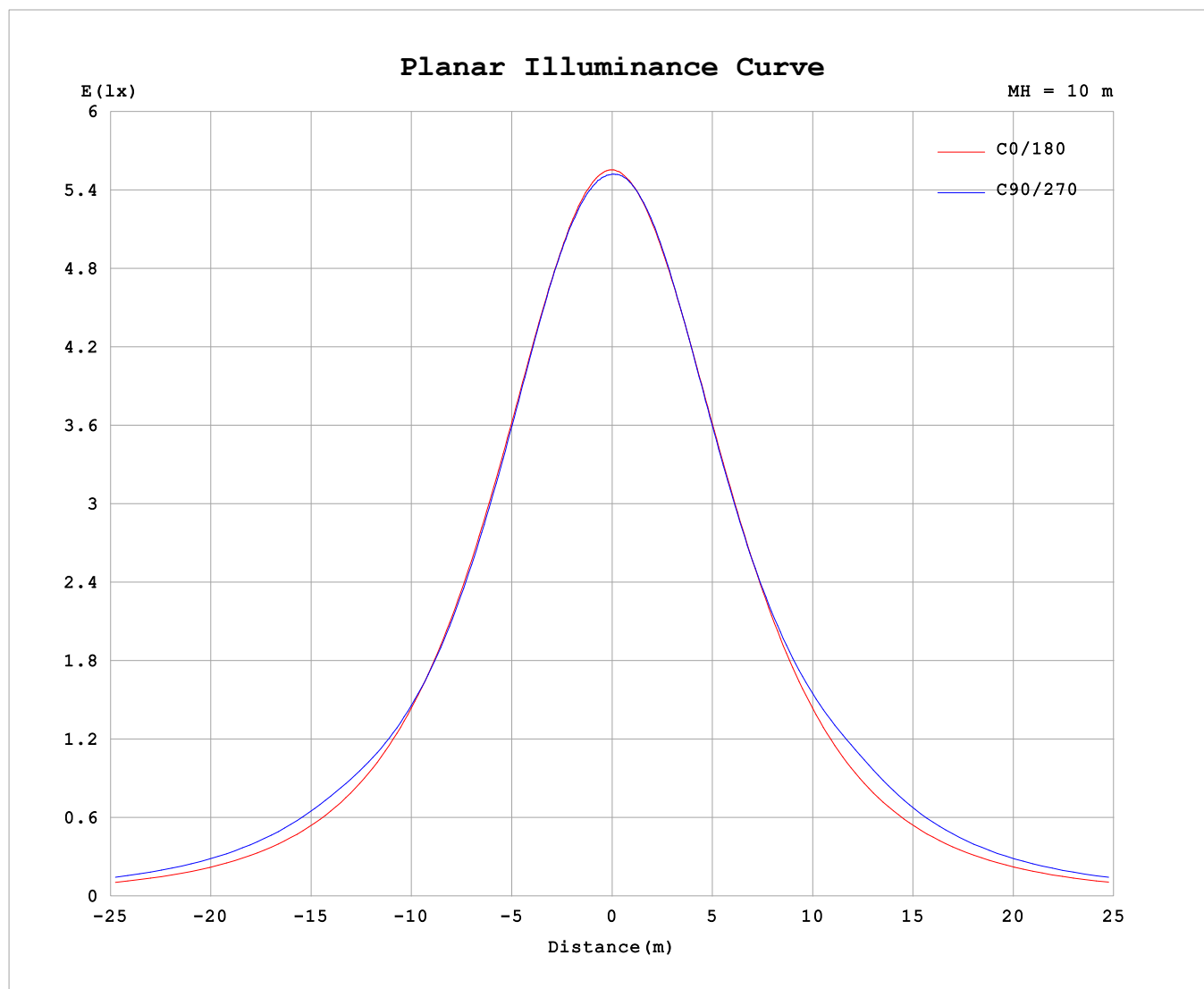
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5℃
Operators:Near Gao
Test Date:2025-12-19

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance:2.488m [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: 25.5°C
 Operators: Near Gao
 Test Date: 2025-12-19

Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 52.8%
 Test Distance: 2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:100.09V I:0.1793A P:16.274W PF:0.9066 Freq:50.01Hz Lamp Flux:2005.94x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

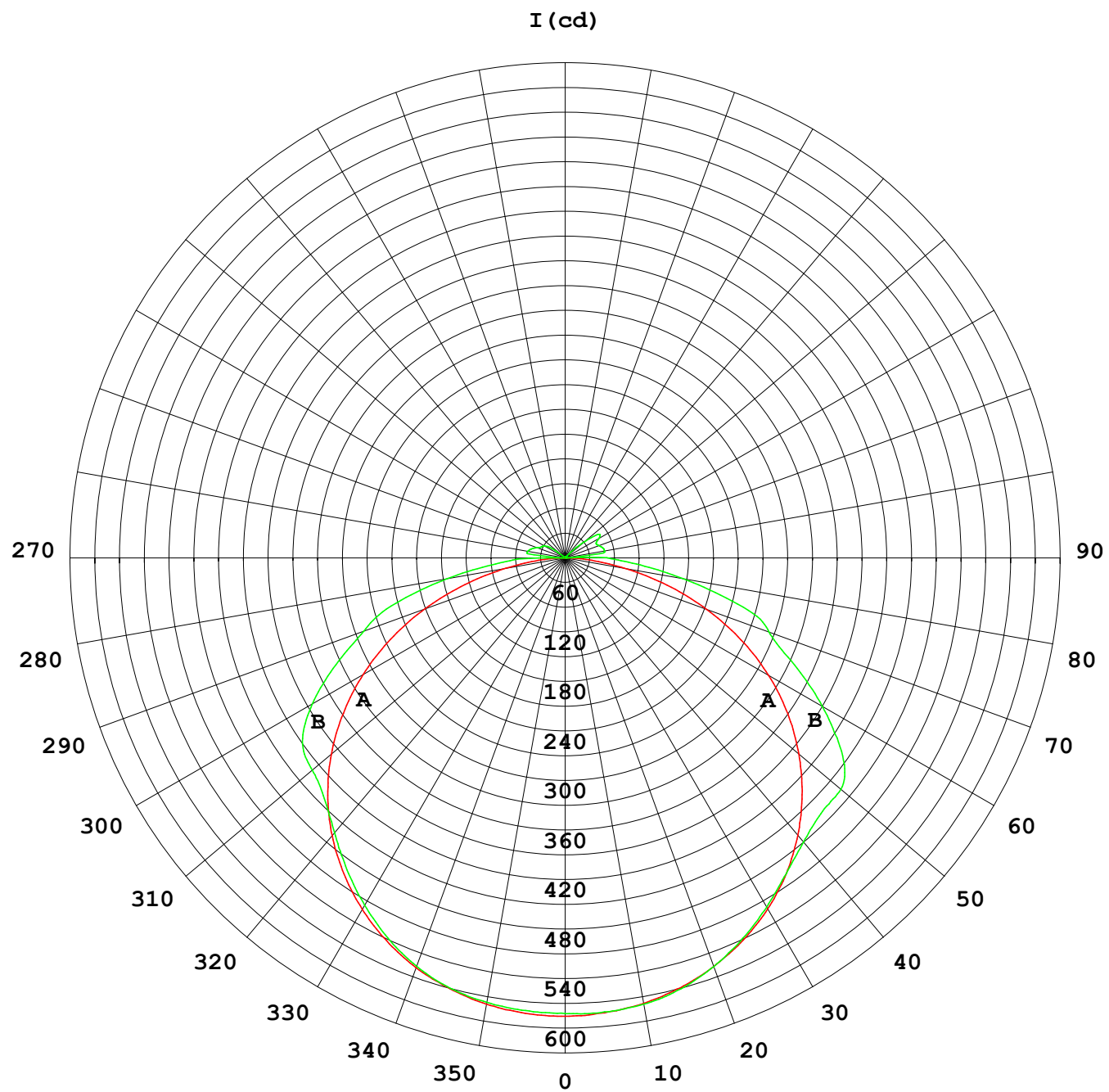
C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553	553			
5	551	552	551	551	551	551	551	551	551	551	552	553	553	553	553	552			
10	546	547	547	547	547	547	546	546	546	547	548	549	550	550	549	548			
15	538	540	539	540	540	540	537	538	537	539	540	541	542	542	542	540			
20	526	528	528	528	527	528	526	526	524	528	528	527	528	528	530	529			
25	510	513	512	511	509	509	511	510	508	512	511	509	509	511	513	513			
30	490	493	491	489	487	488	490	492	489	493	490	487	489	490	492	494			
35	465	470	466	464	462	463	466	469	465	469	466	464	468	468	468	470			
40	437	442	437	437	435	436	438	441	437	441	440	444	450	448	443	442			
45	405	411	407	411	413	411	409	410	404	409	415	430	439	432	419	411			
50	368	375	377	392	401	392	380	375	368	376	394	425	437	424	397	378			
55	327	337	352	379	389	377	354	338	328	342	378	403	409	402	377	343			
60	282	298	325	346	354	348	326	300	283	308	342	354	360	356	343	307			
65	232	258	282	300	307	303	285	259	234	265	290	301	307	303	294	264			
70	180	210	231	252	260	256	235	213	182	212	234	255	263	258	241	213			
75	126	157	183	207	213	210	186	160	127	158	192	211	217	212	195	160			
80	72.6	105	129	143	145	146	133	108	73.4	106	134	140	145	146	140	108			
85	28.8	56.9	75.1	83.6	84.7	86.8	79.4	59.9	28.9	56.8	77.3	82.6	86.8	88.0	84.4	56.3			
90	1.96	13.7	23.0	32.1	18.3	23.6	2.35	9.70	2.09	18.7	37.7	50.6	52.0	53.2	49.6	28.2			
95	0.18	14.4	33.4	34.2	23.0	34.6	32.6	16.2	0.26	14.4	25.5	9.06	1.30	0.45	12.6	14.4			
100	0.22	11.6	36.6	43.1	46.3	45.2	36.6	10.5	0.32	15.6	40.3	48.0	48.7	46.3	40.7	13.1			
105	0.25	3.97	29.1	40.2	42.5	40.3	29.1	3.61	0.42	9.01	36.3	45.7	47.4	45.9	36.4	7.07			
110	0.31	0.35	19.9	33.5	36.8	33.3	20.0	0.49	0.53	3.60	30.4	41.6	43.8	41.0	27.0	3.30			
115	0.34	0.37	13.6	28.4	31.9	27.6	13.6	0.45	0.56	1.56	27.4	39.6	41.7	38.1	22.1	0.98			
120	0.43	0.40	4.78	24.3	29.2	24.0	6.34	0.47	0.65	0.59	26.4	45.7	47.4	41.1	19.7	0.54			
125	0.49	0.49	0.44	12.7	21.3	14.2	0.50	0.46	0.79	0.60	14.6	43.2	50.3	39.6	9.48	0.52			
130	0.54	0.53	0.56	1.27	4.92	1.46	0.64	0.53	0.84	0.90	3.23	21.8	30.5	20.5	3.36	0.61			
135	0.61	0.57	0.49	0.68	0.69	0.70	0.65	0.62	0.76	0.70	0.90	6.29	11.2	6.35	0.82	0.67			
140	0.67	0.67	0.62	0.66	0.69	0.68	0.60	0.78	0.83	1.05	0.74	1.89	2.85	1.62	0.68	0.78			
145	0.68	0.67	0.70	0.61	0.57	0.61	0.76	0.93	0.81	1.12	0.89	0.77	0.97	0.78	0.91	0.98			
150	0.82	0.81	0.73	0.73	0.72	0.74	0.72	0.84	0.90	1.08	1.11	0.93	0.81	0.91	0.87	1.05			
155	0.86	1.00	0.96	0.72	0.75	0.74	0.82	0.89	0.90	1.11	1.16	0.94	0.97	0.91	0.89	1.00			
160	0.88	0.99	0.73	0.91	0.95	0.96	0.86	0.78	0.87	1.20	1.10	1.17	1.12	1.10	1.17	1.00			
165	0.88	0.81	0.99	0.84	0.91	0.80	0.82	0.97	0.87	1.00	0.84	1.25	1.11	1.16	1.05	1.14			
170	0.87	0.84	0.90	0.95	0.96	0.94	0.96	0.98	0.84	1.13	1.11	1.13	0.99	1.04	1.14	0.97			
175	0.88	1.07	1.09	0.92	1.02	1.01	1.03	1.09	0.95	0.99	1.17	1.05	1.08	0.89	0.91	0.89			
180	0.86	0.86	0.86	0.88	0.88	0.86	0.85	0.87	0.86	0.86	0.86	0.88	0.89	0.86	0.85	0.87			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5℃
Operators:Near Gao
Test Date:2025-12-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 52.8%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

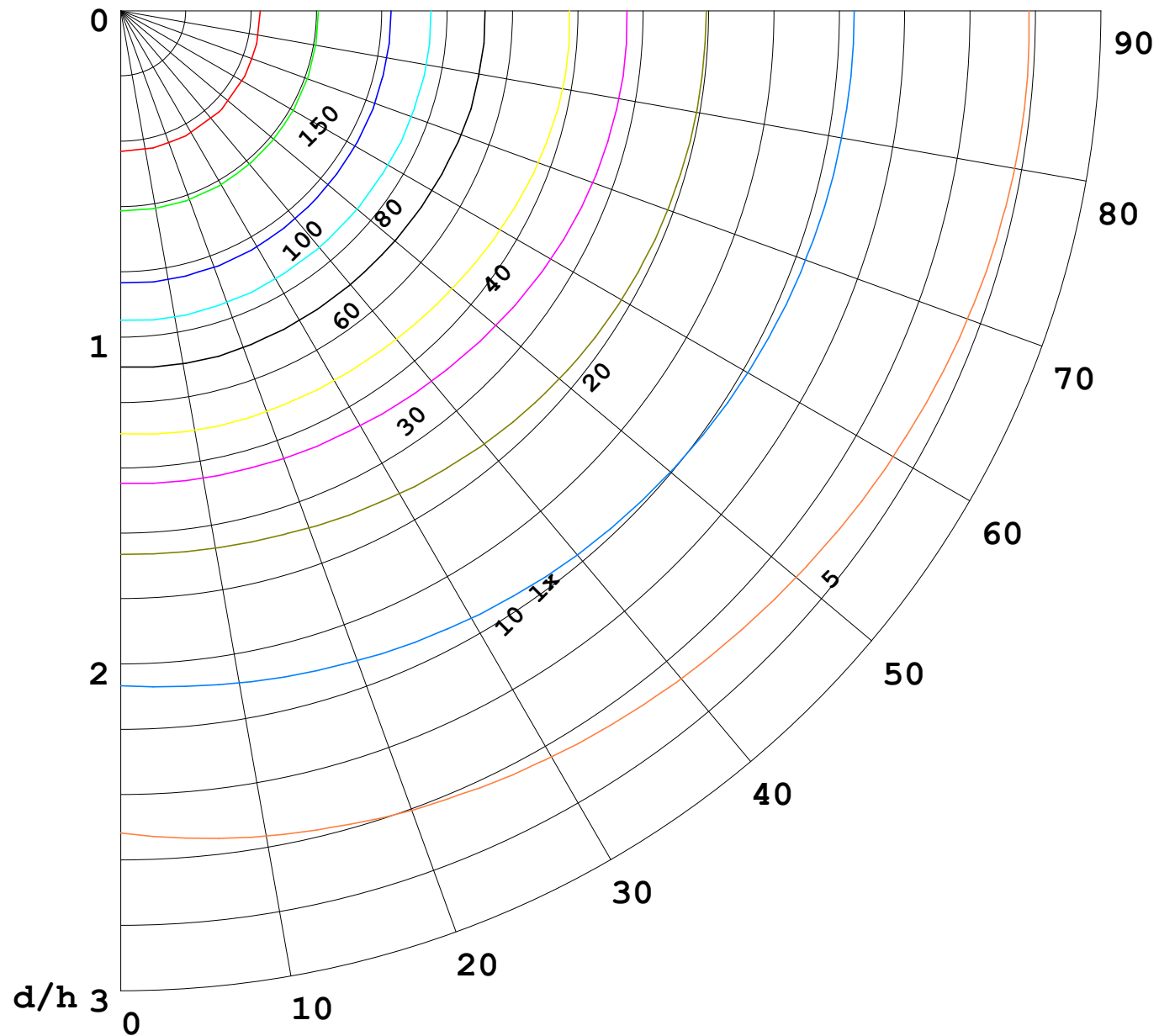
Checker: Near Gao

Assessor: Akin Xu



1000 lm

$\kappa = 1$



	Pcc	Pw	Pfc
_____	70	50	30
_____	50	30	20

