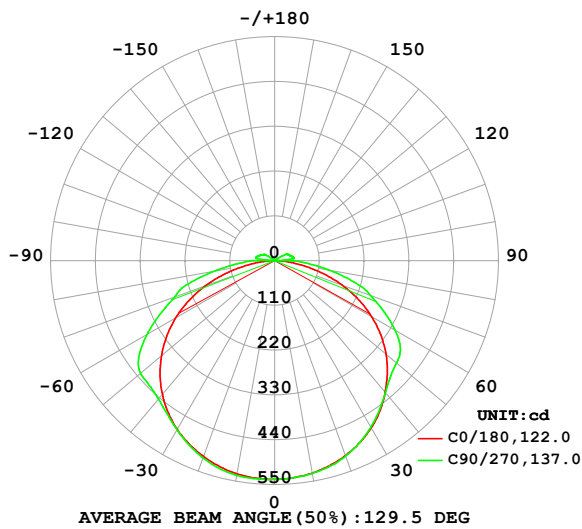


LUMINAIRE PHOTOMETRIC TEST REPORT

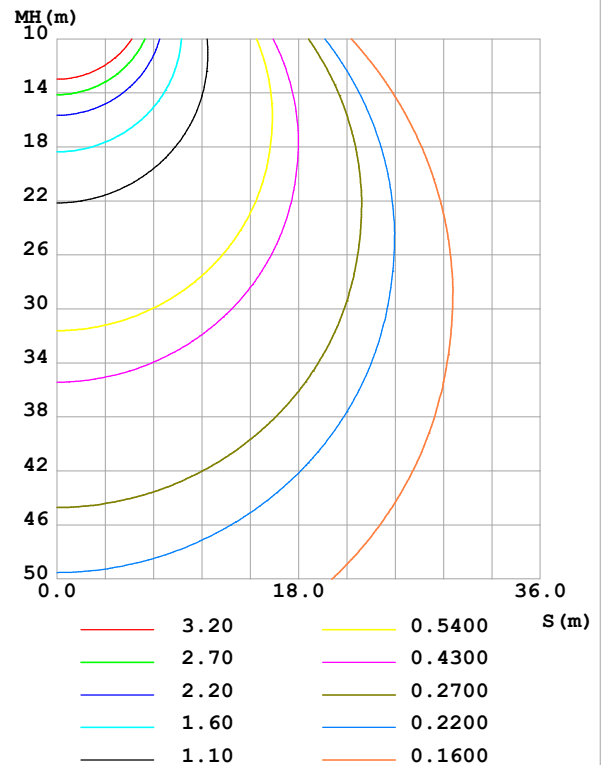
Test:U:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 120.49 lm/W
MODEL	100V-2835-288L-5000K	I _{max} (cd)	538.3	S/MH(C0/180)	1.33	
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.33	
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	1953.0	η UP,DN(C0-180)	1.7,47.4	
NOMINAL FLUX(lm)	1952.97	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.7,49.2	
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	100	η down (%)	96.6	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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: 46.6%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

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	534.8	535.3	535.1	535.8	536.1	537.2	537.5	536.9	0- 5	12.83	12.83	0.66,0.66
10	529.9	530.2	530.6	531.6	531.4	534.3	535.4	533.5	5- 10	38.23	51.06	2.61,2.61
15	521.4	522.5	522.8	524.7	523.7	526.1	528.0	526.4	10- 15	62.71	113.8	5.83,5.83
20	509.3	510.6	510.4	513.5	511.6	515.9	515.6	515.0	15- 20	85.56	199.3	10.2,10.2
25	494.1	495.3	493.6	497.7	496.9	502.4	498.9	499.1	20- 25	106.0	305.3	15.6,15.6
30	474.5	475.3	472.8	477.7	478.9	483.6	479.8	479.1	25- 30	123.5	428.8	22,22
35	450.7	451.5	448.8	453.8	456.1	460.9	460.1	455.8	30- 35	137.4	566.2	29,29
40	422.3	424.5	423.3	426.3	429.0	436.7	444.1	431.3	35- 40	147.7	713.9	36.6,36.6
45	391.5	396.0	402.5	397.4	398.1	413.4	434.5	408.6	40- 45	154.8	868.7	44.5,44.5
50	357.2	367.8	391.0	370.1	362.8	393.1	430.1	389.7	45- 50	159.4	1028	52.6,52.6
55	318.6	343.4	377.2	346.0	323.7	374.1	406.6	372.5	50- 55	161.4	1190	60.9,60.9
60	275.0	313.6	341.6	318.4	280.5	342.1	361.8	337.4	55- 60	157.4	1347	69,69
65	227.8	272.5	296.1	275.3	232.6	294.0	309.8	288.0	60- 65	145.5	1492	76.4,76.4
70	176.8	225.2	251.4	226.2	180.8	241.4	261.6	235.6	65- 70	127.4	1620	82.9,82.9
75	122.8	181.2	201.0	179.4	126.3	197.0	218.7	192.7	70- 75	106.6	1726	88.4,88.4
80	70.34	127.7	136.9	123.5	72.37	142.9	150.9	138.3	75- 80	80.84	1807	92.5,92.5
85	26.71	76.38	80.77	71.74	27.33	84.75	92.20	82.26	80- 85	51.58	1859	95.2,95.2
90	1.762	21.49	12.49	2.157	1.234	38.65	54.76	47.93	85- 90	27.16	1886	96.6,96.6
95	0.1783	33.85	27.45	34.77	0.2035	25.72	1.413	16.53	90- 95	5.436	1891	96.8,96.8
100	0.2065	36.69	46.17	36.77	0.2757	36.71	46.96	38.22	95-100	14.83	1906	97.6,97.6
105	0.2490	29.94	42.97	30.60	0.3323	31.15	43.76	32.65	100-105	14.36	1921	98.3,98.3
110	0.3001	19.48	38.61	20.15	0.4250	21.10	38.98	23.07	105-110	11.31	1932	98.9,98.9
115	0.3394	10.79	36.28	9.739	0.5083	12.33	33.63	9.425	110-115	8.564	1940	99.4,99.4
120	0.4346	3.635	30.85	1.979	0.6046	3.706	31.29	3.600	115-120	6.213	1947	99.7,99.7
125	0.4956	0.5266	11.12	0.5824	0.6855	0.5187	19.98	0.5506	120-125	3.478	1950	99.9,99.9
130	0.5501	0.5468	3.327	0.5968	0.7759	0.6914	3.396	0.6853	125-130	1.058	1951	99.9,99.9
135	0.5895	0.4652	0.7498	0.6054	0.6694	0.7555	0.6426	0.7493	130-135	0.3135	1952	99.9,99.9
140	0.6165	0.6032	0.6594	0.5295	0.7541	0.6314	0.8236	0.6267	135-140	0.2477	1952	99.9,99.9
145	0.6650	0.6631	0.5352	0.7321	0.7690	0.7896	0.8483	0.8150	140-145	0.2428	1952	100,100
150	0.7224	0.6416	0.6811	0.6192	0.8085	0.9237	0.7008	0.7805	145-150	0.2170	1952	100,100
155	0.7584	0.8531	0.6713	0.7116	0.8358	1.045	0.8586	0.8629	150-155	0.2010	1952	100,100
160	0.7807	0.6207	0.8546	0.8145	0.8559	0.9946	1.021	0.9952	155-160	0.1786	1953	100,100
165	0.7782	0.8666	0.7979	0.8082	0.8535	0.7717	1.014	0.8781	160-165	0.1456	1953	100,100
170	0.7659	0.8721	0.8454	0.9143	0.8290	1.053	0.9195	0.9750	165-170	0.1042	1953	100,100
175	0.8275	1.018	1.003	0.9885	0.8515	1.067	1.036	0.9124	170-175	0.0652	1953	100,100
180	0.8484	0.8366	0.8691	0.8269	0.8487	0.8372	0.8699	0.8281	175-180	0.0223	1953	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 868.72 lm

%lum = 44.5%

%lamp = 44.5%

Conical surface Flux(120deg): 1346.9 lm

%lum = 69.0%

%lamp = 69.0%

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

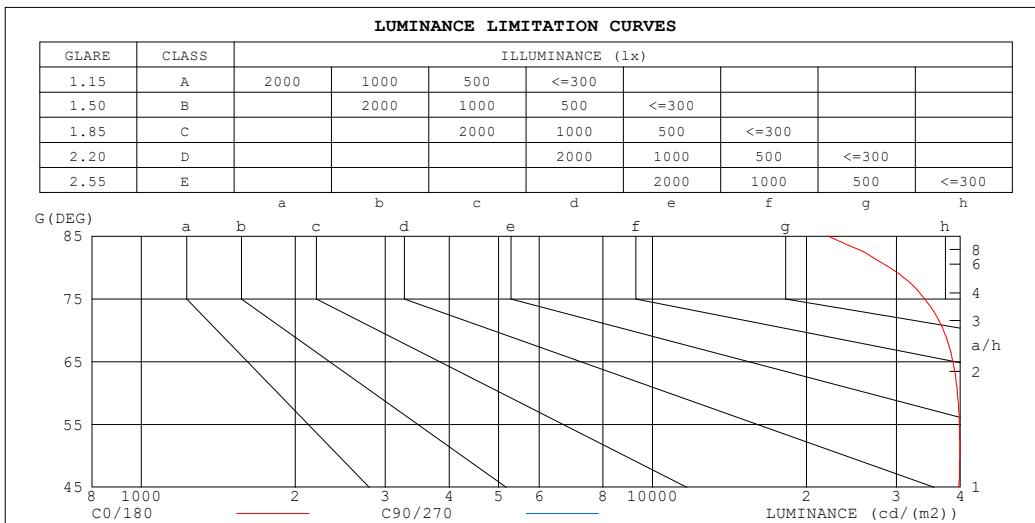
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 46.6%
 Test Distance:2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test: U:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux: 1952.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	21996	66082
80	29070	56238
75	34065	55390
70	37097	52414
65	38689	49953
60	39477	48720
55	39865	46900
50	39887	43381
45	39734	40591

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

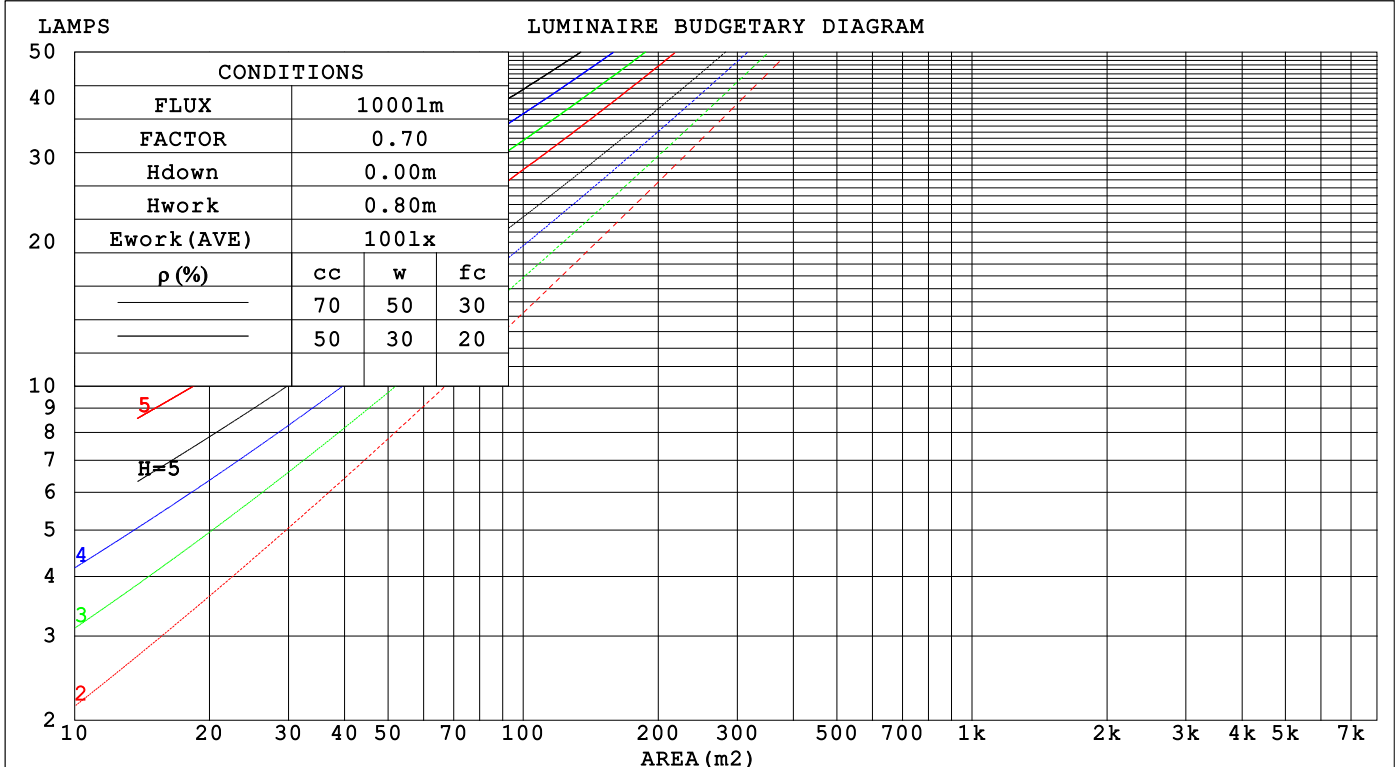
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 46.6%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz																	
Lamp Flux:1952.97x1 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	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.01	.96	.91	.98	.94	.90	.93	.90	.86	.89	.86	.83	.84	.82	.80	.77
2.0	.87	.79	.73	.84	.77	.71	.80	.74	.69	.76	.71	.67	.73	.69	.65	.63
3.0	.75	.66	.59	.73	.65	.58	.70	.63	.57	.66	.60	.55	.63	.58	.54	.52
4.0	.66	.57	.49	.64	.56	.49	.61	.54	.48	.59	.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	.31	.44	.37	.31	.43	.36	.31	.41	.35	.30	.28
8.0	.43	.34	.28	.42	.34	.28	.41	.33	.28	.39	.32	.27	.38	.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: 46.6%
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:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 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	.353	.201	.064	.345	.197	.062	.329	.189	.060	.315	.182	.058	.302	.175	.056		
2.0	.321	.176	.054	.314	.173	.053	.300	.167	.052	.287	.161	.050	.276	.156	.049		
3.0	.292	.155	.046	.285	.153	.046	.273	.148	.045	.261	.143	.044	.251	.139	.043		
4.0	.266	.138	.041	.260	.136	.040	.249	.132	.039	.239	.128	.039	.229	.125	.038		
5.0	.243	.124	.036	.238	.122	.036	.228	.119	.035	.219	.116	.034	.211	.112	.034		
6.0	.224	.112	.032	.219	.111	.032	.210	.108	.031	.202	.105	.031	.194	.102	.030		
7.0	.207	.102	.029	.203	.101	.029	.195	.099	.028	.188	.096	.028	.181	.094	.028		
8.0	.192	.094	.026	.189	.093	.026	.182	.091	.026	.175	.089	.026	.169	.087	.025		
9.0	.180	.087	.024	.176	.086	.024	.170	.084	.024	.164	.082	.023	.158	.080	.023		
10.0	.168	.081	.022	.165	.080	.022	.159	.078	.022	.154	.076	.022	.149	.075	.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	.217	.217	.217	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023	
1.0	.210	.182	.157	.179	.156	.135	.123	.108	.094	.071	.062	.054	.023	.020	.018	
2.0	.203	.158	.121	.174	.136	.105	.119	.094	.073	.069	.055	.043	.022	.018	.014	
3.0	.195	.141	.098	.167	.122	.085	.115	.085	.060	.066	.049	.035	.021	.016	.011	
4.0	.188	.128	.083	.161	.111	.072	.111	.077	.051	.064	.045	.030	.021	.015	.010	
5.0	.180	.118	.072	.155	.102	.063	.107	.071	.044	.062	.042	.026	.020	.014	.009	
6.0	.173	.110	.065	.148	.095	.056	.102	.067	.040	.059	.039	.024	.019	.013	.008	
7.0	.166	.103	.059	.142	.089	.052	.098	.063	.036	.057	.037	.022	.018	.012	.007	
8.0	.159	.097	.055	.137	.084	.048	.095	.059	.034	.055	.035	.020	.018	.011	.007	
9.0	.152	.092	.052	.131	.080	.045	.091	.056	.032	.053	.033	.019	.017	.011	.006	
10.0	.147	.088	.049	.126	.076	.043	.088	.054	.030	.051	.032	.018	.017	.010	.006	

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: 46.6%
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:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 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	27.0	25.8	27.3	27.6	26.2	27.8	26.6	28.1	28.4
	3H	27.2	28.6	27.5	28.9	29.3	28.4	29.8	28.7	30.1
	4H	27.9	29.3	28.2	29.6	29.9	29.4	30.8	29.8	31.1
	6H	28.3	29.6	28.7	30.0	30.3	30.2	31.5	30.6	31.9
	8H	28.5	29.7	28.9	30.1	30.4	30.6	31.8	30.9	32.2
	12H	28.5	29.7	28.9	30.1	30.5	30.8	32.1	31.2	32.4
4H	2H	26.3	27.7	26.7	28.0	28.4	26.9	28.3	27.3	28.6
	3H	28.3	29.5	28.7	29.9	30.2	29.3	30.5	29.7	30.8
	4H	29.1	30.2	29.5	30.6	31.0	30.4	31.6	30.9	31.9
	6H	29.7	30.7	30.2	31.2	31.6	31.4	32.4	31.9	32.8
	8H	29.9	30.9	30.4	31.3	31.8	31.8	32.8	32.3	33.2
	12H	30.0	30.9	30.5	31.4	31.8	32.2	33.1	32.7	33.5
8H	4H	29.7	30.6	30.1	31.0	31.5	30.8	31.7	31.2	32.1
	6H	30.5	31.3	31.0	31.8	32.3	32.0	32.8	32.5	33.2
	8H	30.9	31.6	31.4	32.0	32.6	32.5	33.2	33.1	33.7
	12H	31.1	31.7	31.6	32.2	32.8	33.1	33.7	33.6	34.2
12H	4H	29.8	30.6	30.2	31.1	31.5	30.8	31.7	31.3	32.1
	6H	30.7	31.4	31.2	31.9	32.4	32.1	32.8	32.6	33.3
	8H	31.1	31.7	31.7	32.2	32.8	32.7	33.3	33.2	33.8
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 / - 0.3				
2.0H		+ 0.2 / - 0.4				+ 0.2 / - 0.4				

CIE Pub.117, 1953 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.3$)
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: 46.6%
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:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux: 1952.97x1 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	42	34
1.00	71	59	51	70	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	73	84	77	71	62
2.50	95	86	79	93	84	78	88	81	76	66
3.00	99	91	84	96	89	83	91	85	80	71
4.00	103	96	91	100	94	89	95	91	86	76
5.00	106	100	95	103	98	94	98	94	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

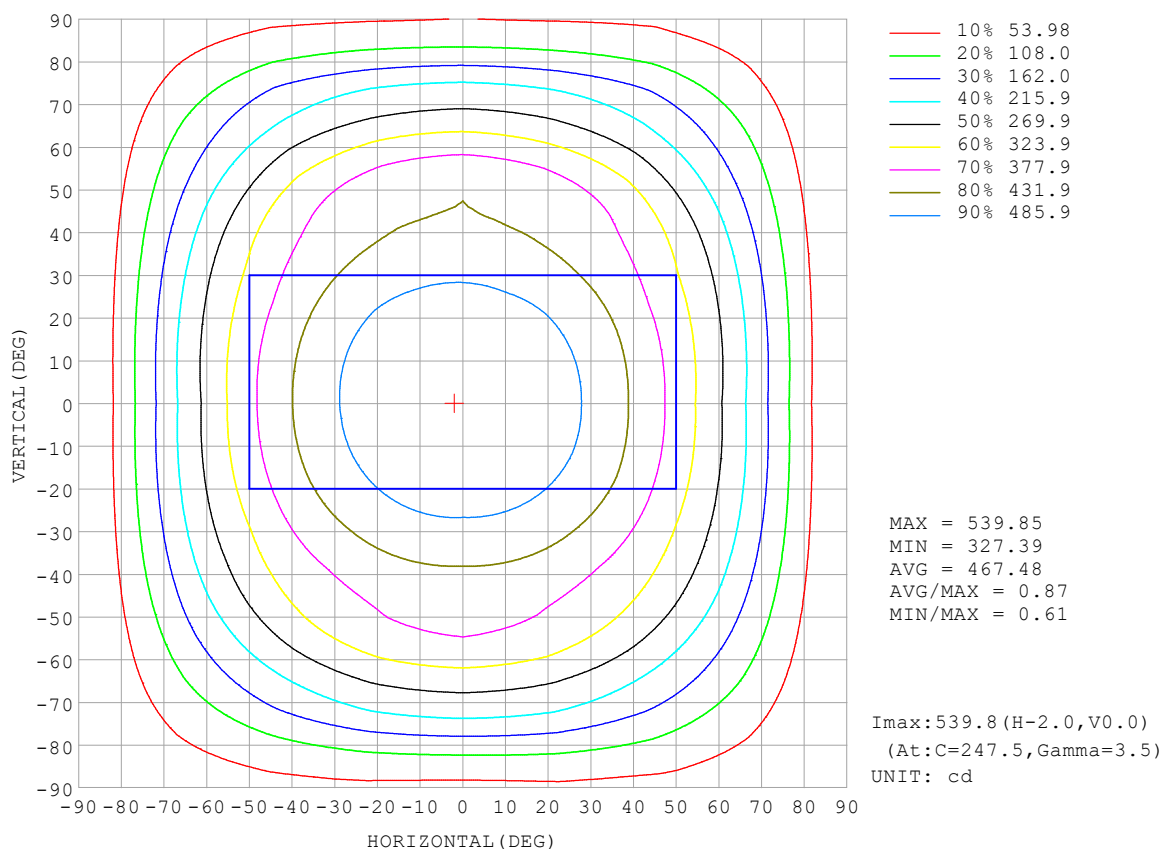
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 46.6%
 Test Distance: 2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 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

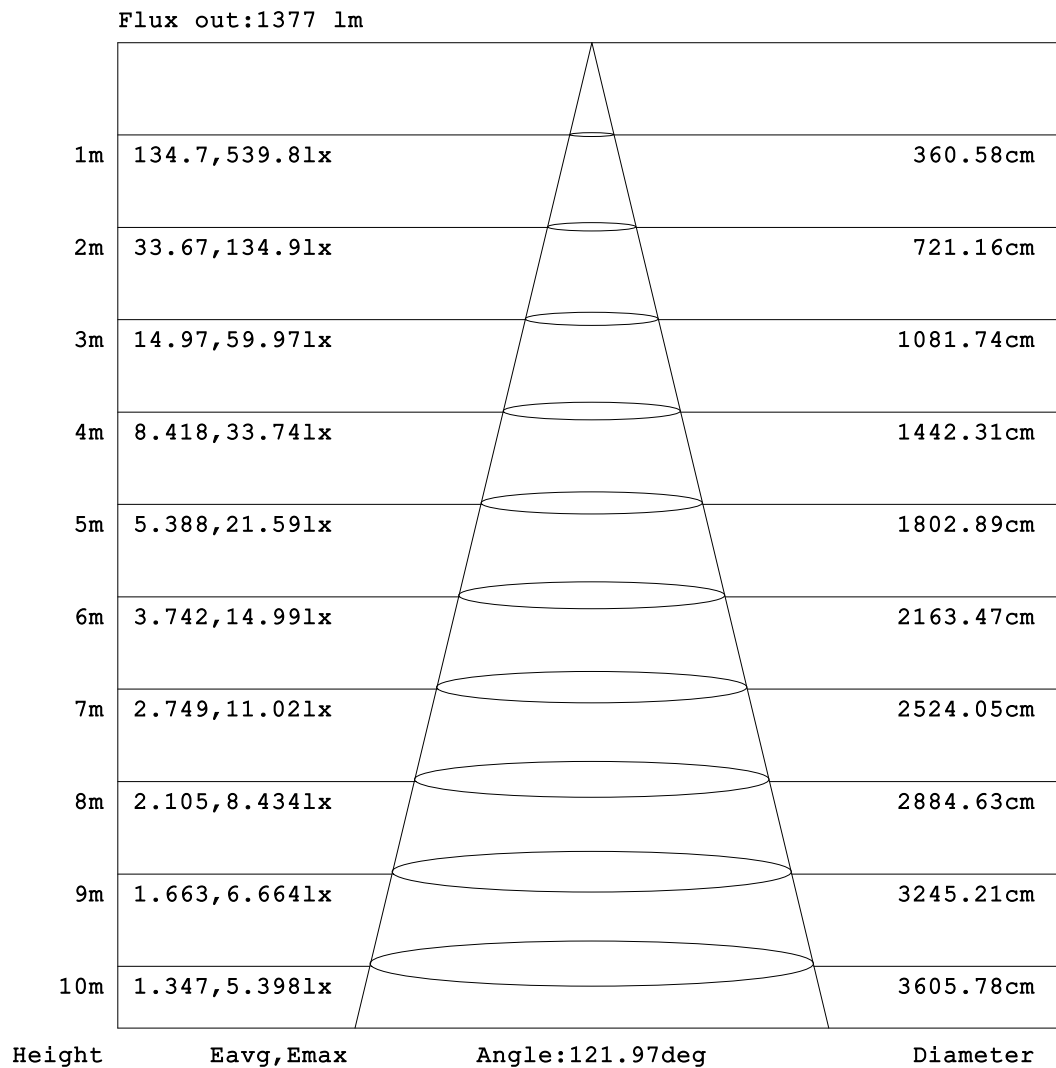
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 46.6%
 Test Distance:2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

AAI Figure

Test:U:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 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

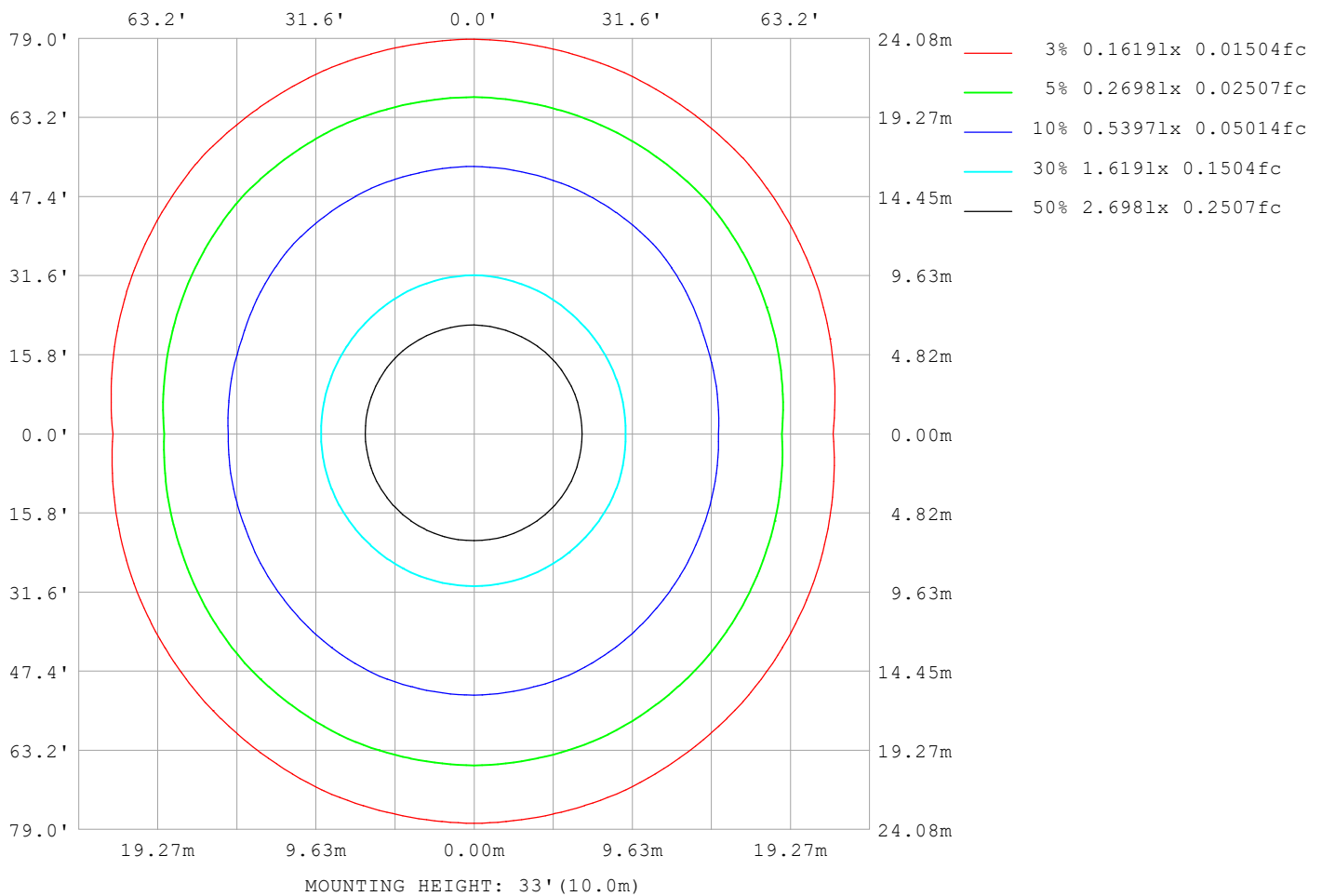
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 46.6%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 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: 46.6%
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:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	38908
L_0~180 (75) av	34379
L_0~180 (85) av	22147
L_90~270 (65) av	51201
L_90~270 (75) av	57914
L_90~270 (85) av	70880
L_45 (65) av	47738
L_45 (75) av	51765
L_45 (85) av	64566

Standard: GB/T 29293-2012

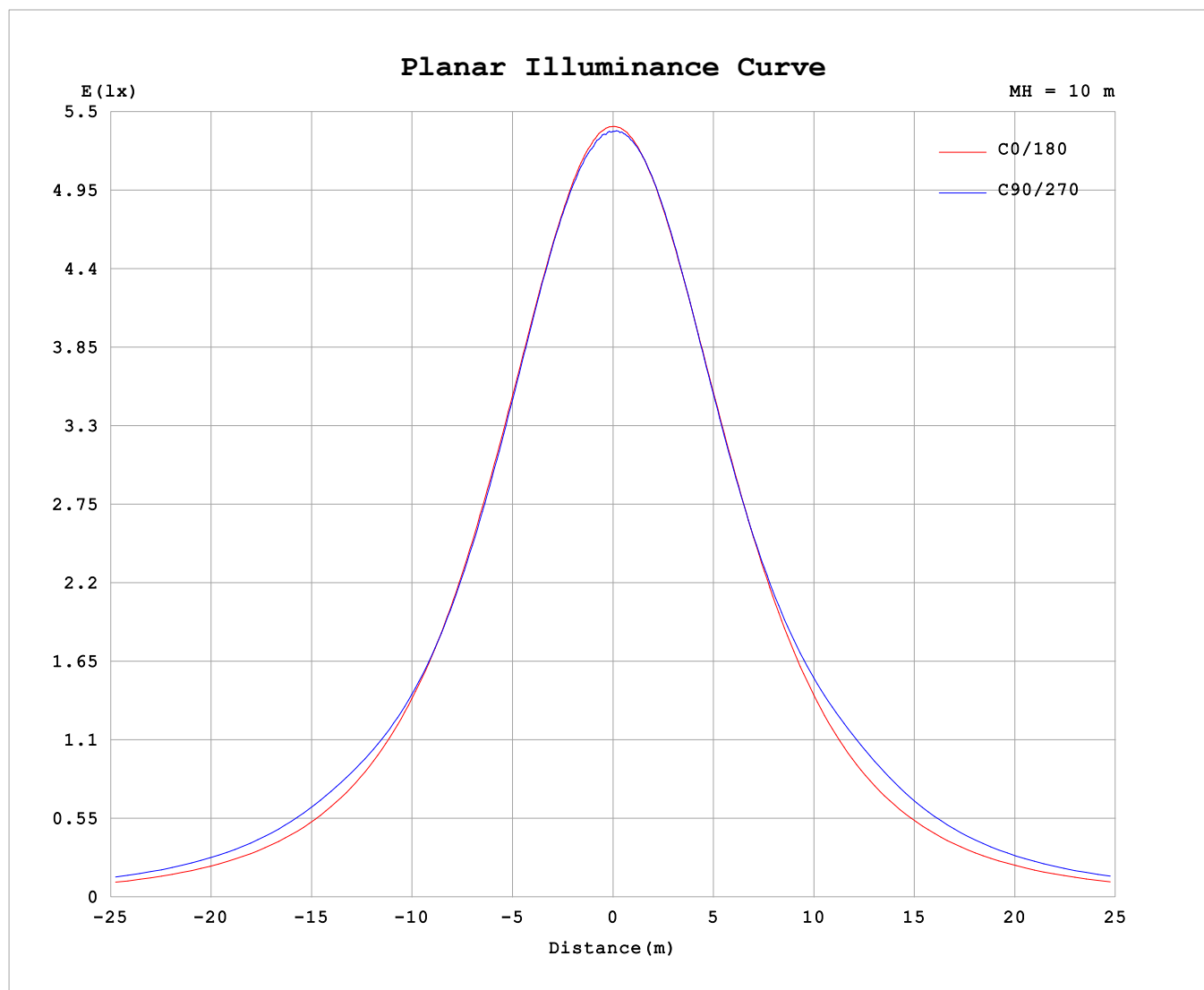
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5℃
Operators:Near Gao
Test Date:2025-12-19

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 46.6%
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: 46.6%
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:100.08V I:0.1786A P:16.208W PF:0.9069 Freq:50.01Hz Lamp Flux:1952.97x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

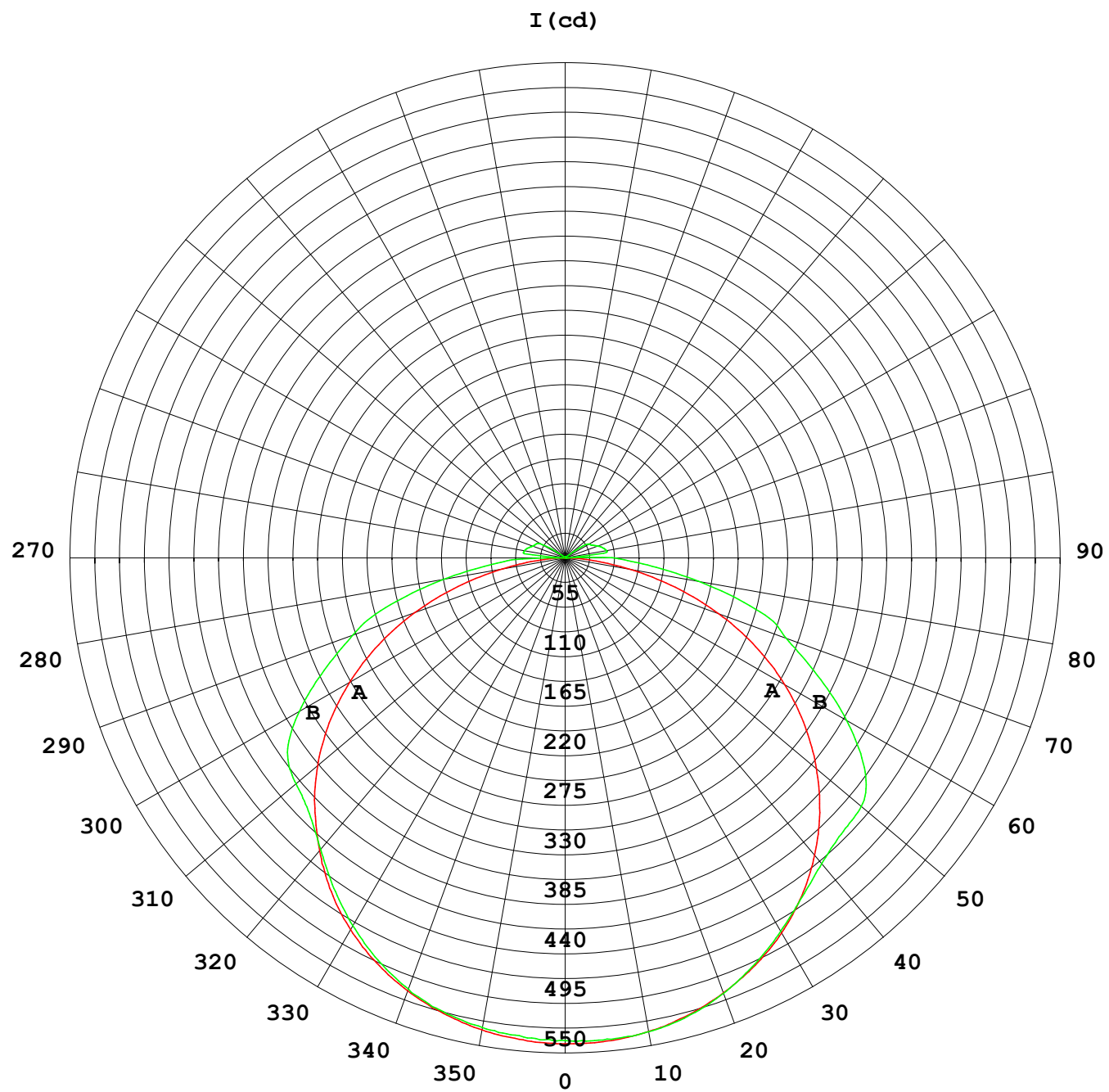
C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	537	537	537	537	537	537	537	537	537	537	537	537	537	537	537	537			
5	535	536	535	536	535	536	536	535	536	536	537	538	537	537	537	535			
10	530	531	530	532	531	532	532	530	531	533	534	536	535	534	533	531			
15	521	523	522	525	523	525	525	523	524	526	526	529	528	526	526	524			
20	509	511	511	513	510	513	513	513	512	515	516	517	516	514	515	512			
25	494	496	495	496	494	496	498	498	497	501	502	501	499	497	499	498			
30	474	477	475	474	473	474	478	480	479	483	484	481	480	477	479	479			
35	451	455	452	451	449	451	454	457	456	460	461	461	460	456	456	456			
40	422	428	425	424	423	425	426	430	429	434	437	442	444	438	431	429			
45	391	397	396	400	403	401	397	399	398	404	413	429	435	424	409	399			
50	357	363	368	383	391	384	370	365	363	372	393	420	430	418	390	367			
55	319	328	343	367	377	370	346	330	324	340	374	400	407	396	373	335			
60	275	291	314	335	342	337	318	293	280	306	342	358	362	352	337	301			
65	228	252	273	291	296	291	275	254	233	264	294	307	310	301	288	260			
70	177	205	225	247	251	246	226	207	181	214	241	256	262	256	236	209			
75	123	155	181	199	201	198	179	155	126	160	197	215	219	211	193	156			
80	70.3	104	128	140	137	135	124	104	72.4	111	143	148	151	146	138	107			
85	26.7	57.1	76.4	83.3	80.8	79.2	71.7	55.3	27.3	59.9	84.7	90.9	92.2	88.7	82.3	58.7			
90	1.76	14.4	21.5	29.0	12.5	22.1	2.16	7.08	1.23	17.3	38.6	50.1	54.8	50.4	47.9	29.6			
95	0.18	14.6	33.8	38.3	27.5	38.9	34.8	16.8	0.20	13.8	25.7	8.86	1.41	0.47	16.5	13.7			
100	0.21	12.2	36.7	42.8	46.2	45.2	36.8	11.2	0.28	12.1	36.7	45.6	47.0	44.0	38.2	11.1			
105	0.25	2.94	29.9	40.6	43.0	40.9	30.6	2.32	0.33	3.02	31.1	41.5	43.8	42.0	32.7	1.98			
110	0.30	0.48	19.5	35.1	38.6	35.8	20.1	0.52	0.43	0.42	21.1	35.6	39.0	36.5	23.1	0.47			
115	0.34	0.37	10.8	30.1	36.3	31.8	9.74	0.40	0.51	0.46	12.3	28.7	33.6	30.7	9.42	0.48			
120	0.43	0.40	3.63	22.5	30.9	21.5	1.98	0.42	0.60	0.50	3.71	25.0	31.3	24.6	3.60	0.53			
125	0.50	0.50	0.53	6.93	11.1	5.42	0.58	0.40	0.69	0.53	0.52	10.5	20.0	9.93	0.55	0.53			
130	0.55	0.50	0.55	1.65	3.33	1.58	0.60	0.51	0.78	0.73	0.69	1.01	3.40	1.01	0.69	0.60			
135	0.59	0.53	0.47	0.66	0.75	0.66	0.61	0.52	0.67	0.67	0.76	0.83	0.64	0.76	0.75	0.66			
140	0.62	0.60	0.60	0.62	0.66	0.64	0.53	0.77	0.75	0.92	0.63	0.82	0.82	0.81	0.63	0.75			
145	0.67	0.67	0.66	0.56	0.54	0.55	0.73	0.83	0.77	0.99	0.79	0.69	0.85	0.67	0.82	0.92			
150	0.72	0.71	0.64	0.72	0.68	0.72	0.62	0.72	0.81	0.88	0.92	0.84	0.70	0.82	0.78	0.92			
155	0.76	0.90	0.85	0.62	0.67	0.64	0.71	0.78	0.84	0.94	1.05	0.84	0.86	0.80	0.86	0.86			
160	0.78	0.93	0.62	0.81	0.85	0.87	0.81	0.77	0.86	1.11	0.99	1.06	1.02	1.01	1.00	0.88			
165	0.78	0.79	0.87	0.73	0.80	0.80	0.81	0.95	0.85	0.97	0.77	1.05	1.01	0.98	0.88	1.00			
170	0.77	0.78	0.87	0.84	0.85	0.93	0.91	0.95	0.83	1.01	1.05	0.96	0.92	0.92	0.98	0.83			
175	0.83	0.97	1.02	0.89	1.00	0.98	0.99	1.02	0.85	0.89	1.07	1.01	1.04	0.87	0.91	0.84			
180	0.85	0.85	0.84	0.87	0.87	0.84	0.83	0.83	0.85	0.85	0.84	0.87	0.87	0.84	0.83	0.83			

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: 46.6%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

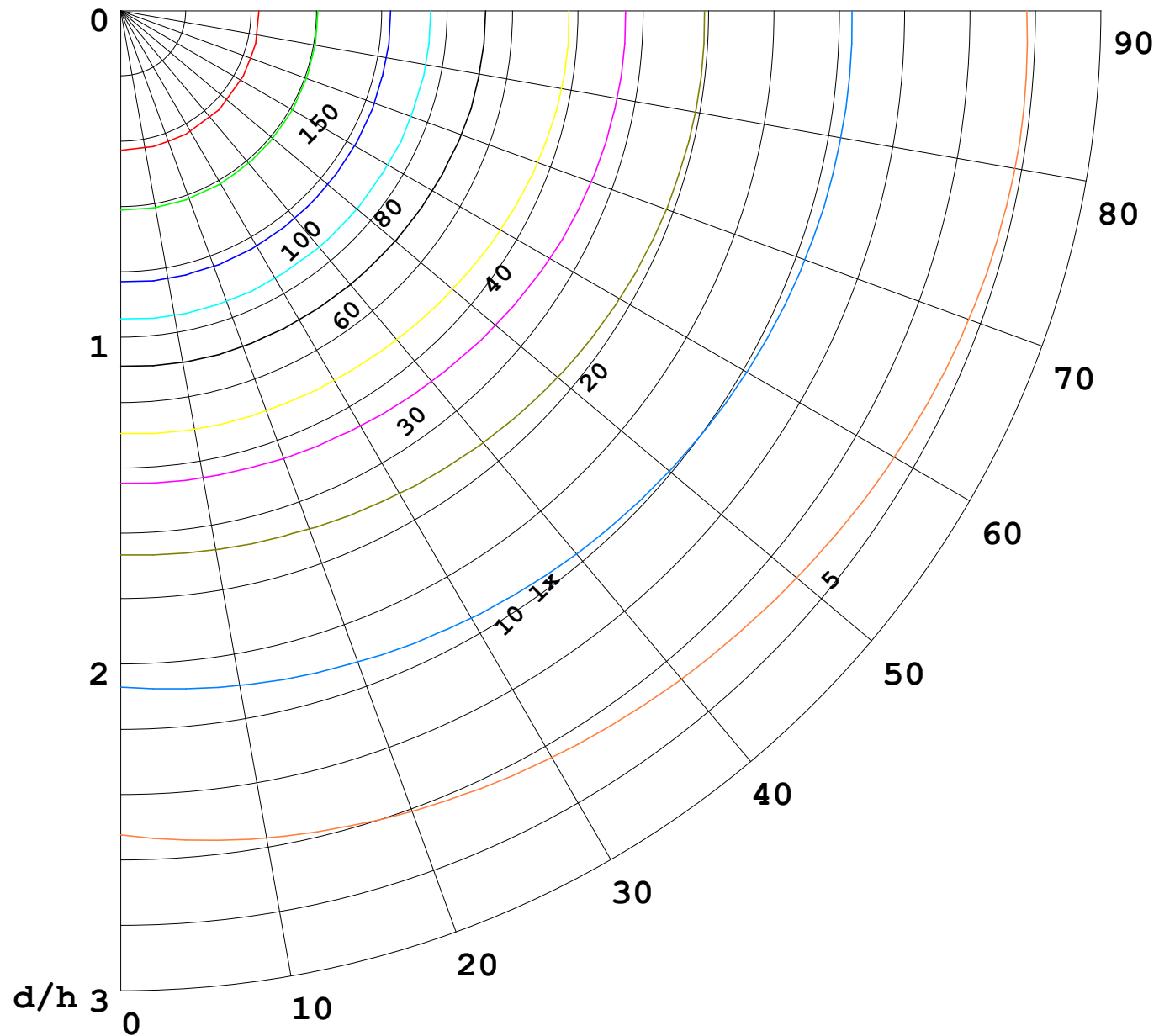
Checker: Near Gao

Assessor: Akin Xu



1000 lm

$\kappa = 1$



F = 1000 lm
 K = 0.7
 Hcc = 0.8 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

