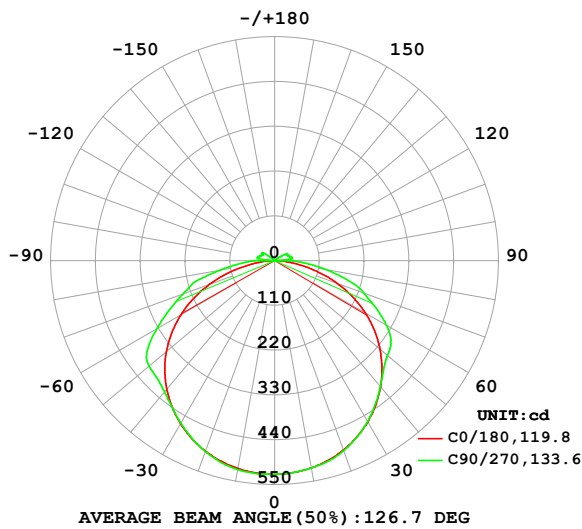


LUMINAIRE PHOTOMETRIC TEST REPORT

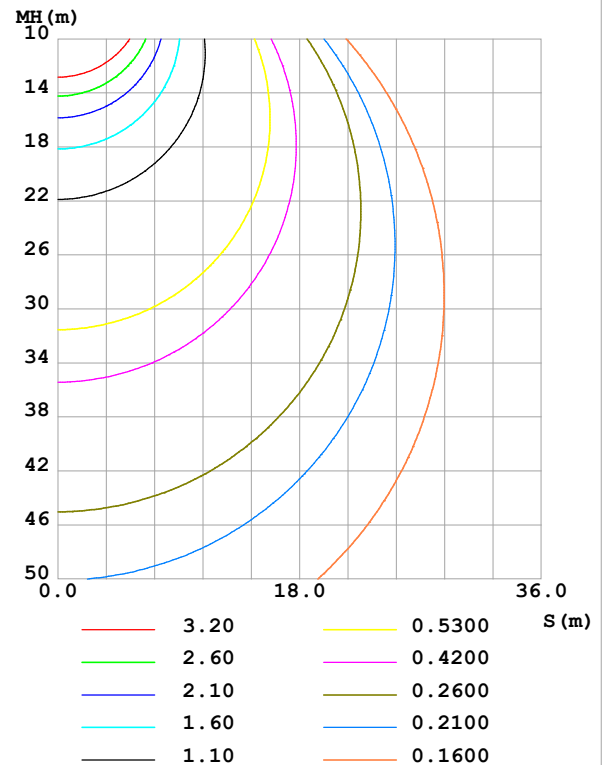
Test:U:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.76 lm/W			
MODEL	100V-2835-288L-2700K	I _{max} (cd)	525.5	S/MH(C0/180)	1.31
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	1852.8	η UP,DN(C0-180)	1.7,47.4
NOMINAL FLUX(lm)	1852.77	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.9,49.0
LAMPS INSIDE	1	η up (%)	3.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	100	η down (%)	96.3	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: 25.4℃
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: 48.4%
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	522.5	522.9	522.5	524.1	522.9	524.0	524.9	523.8	0- 5	12.53	12.53	0.68,0.68
10	517.1	517.8	517.2	519.5	518.4	520.0	521.0	519.6	5- 10	37.30	49.83	2.69,2.69
15	507.9	509.1	510.0	512.2	509.9	511.2	512.6	511.8	10- 15	61.09	110.9	5.99,5.99
20	494.5	496.6	496.6	500.8	497.9	499.3	498.6	499.1	15- 20	83.14	194.1	10.5,10.5
25	477.8	479.6	478.5	484.4	482.3	483.1	481.4	482.6	20- 25	102.7	296.8	16,16
30	457.5	458.4	456.5	463.9	462.5	462.6	460.8	462.0	25- 30	119.2	416.0	22.5,22.5
35	433.0	433.5	431.5	439.3	439.1	439.4	439.7	438.3	30- 35	132.2	548.2	29.6,29.6
40	405.0	405.3	403.9	411.8	412.2	414.7	421.0	413.2	35- 40	141.5	689.7	37.2,37.2
45	372.7	374.2	378.6	381.9	381.9	390.8	408.7	388.6	40- 45	147.4	837.1	45.2,45.2
50	337.9	343.2	362.0	352.4	347.3	370.0	402.9	366.6	45- 50	150.6	987.7	53.3,53.3
55	299.3	316.2	348.8	325.6	308.3	353.0	381.4	344.7	50- 55	151.5	1139	61.5,61.5
60	257.6	290.9	317.1	298.1	265.7	320.0	334.1	315.8	55- 60	147.1	1286	69.4,69.4
65	212.0	252.0	274.3	260.4	219.1	270.2	284.4	267.8	60- 65	135.3	1422	76.7,76.7
70	163.6	205.1	232.9	214.1	169.9	219.4	239.6	219.2	65- 70	117.9	1539	83.1,83.1
75	113.1	163.0	186.2	168.7	118.8	178.1	203.2	175.4	70- 75	98.13	1638	88.4,88.4
80	63.84	113.6	129.2	119.7	68.45	126.9	137.1	130.3	75- 80	74.40	1712	92.4,92.4
85	24.42	66.52	75.84	71.57	26.12	74.37	83.91	78.65	80- 85	47.56	1760	95,95
90	1.579	20.33	25.69	3.837	1.740	35.09	49.87	45.02	85- 90	25.45	1785	96.3,96.3
95	0.1678	30.74	20.88	31.12	0.1972	22.17	1.131	11.37	90- 95	5.140	1790	96.6,96.6
100	0.1895	33.18	41.93	34.35	0.2659	34.17	43.15	35.17	95-100	13.54	1804	97.4,97.4
105	0.2255	27.13	39.18	29.31	0.3184	30.31	40.51	30.91	100-105	13.47	1817	98.1,98.1
110	0.2878	19.40	35.67	21.57	0.3866	23.63	37.03	21.55	105-110	10.80	1828	98.7,98.7
115	0.3153	11.96	35.00	15.76	0.4736	18.99	34.23	15.26	110-115	8.688	1837	99.1,99.1
120	0.4006	4.099	33.18	7.794	0.5671	10.48	36.23	8.366	115-120	7.276	1844	99.5,99.5
125	0.4603	0.4079	19.57	0.4496	0.6333	1.104	31.89	1.068	120-125	5.073	1849	99.8,99.8
130	0.5091	0.5023	5.248	0.5572	0.7263	0.6571	8.681	0.6446	125-130	1.990	1851	99.9,99.9
135	0.5462	0.4244	0.6138	0.5570	0.6281	0.7155	1.030	0.7133	130-135	0.3926	1851	99.9,99.9
140	0.5680	0.5917	0.6092	0.5094	0.6702	0.6042	0.7886	0.6072	135-140	0.2336	1852	99.9,99.9
145	0.6263	0.6556	0.4972	0.7452	0.7131	0.7509	0.8093	0.7875	140-145	0.2306	1852	100,100
150	0.6751	0.5879	0.6653	0.5785	0.7590	0.8270	0.6742	0.7413	145-150	0.2063	1852	100,100
155	0.7052	0.8298	0.6312	0.6633	0.7815	0.9732	0.8214	0.8205	150-155	0.1916	1852	100,100
160	0.7269	0.5866	0.8435	0.7956	0.8013	0.9301	0.9575	0.9320	155-160	0.1683	1852	100,100
165	0.7312	0.8270	0.7727	0.7751	0.8046	0.7421	0.9522	0.8209	160-165	0.1378	1853	100,100
170	0.7268	0.8277	0.8090	0.8771	0.7886	0.9818	0.8669	0.9108	165-170	0.0986	1853	100,100
175	0.7835	0.9658	0.9459	0.9398	0.8057	1.000	0.9723	0.8978	170-175	0.0618	1853	100,100
180	0.8060	0.7933	0.8233	0.7832	0.8046	0.7945	0.8244	0.7827	175-180	0.0210	1853	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 837.11 lm

%lum = 45.2%

%lamp = 45.2%

Conical surface Flux(120deg): 1286.3 lm

%lum = 69.4%

%lamp = 69.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.4℃
 Operators:Near Gao
 Test Date:2025-12-19

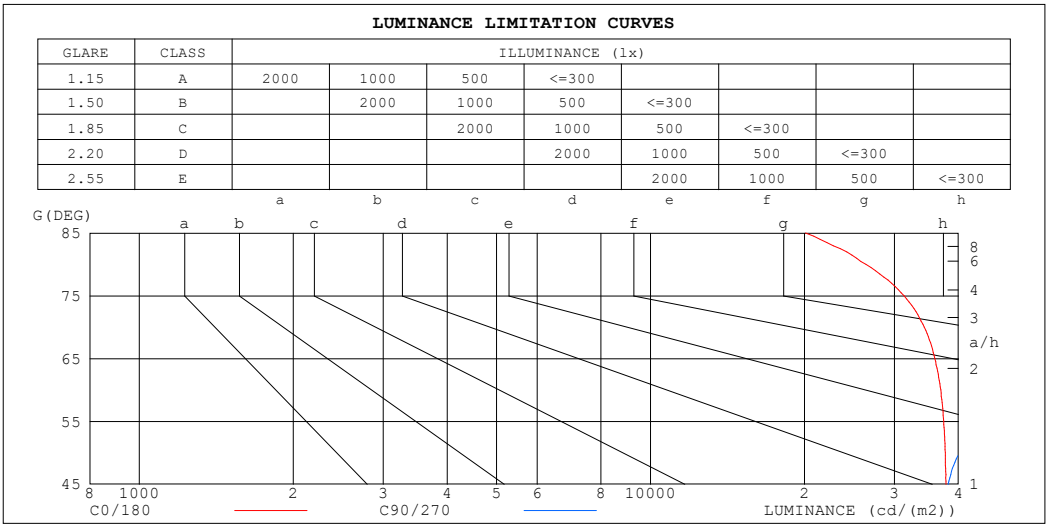
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 48.4%
 Test Distance:2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	20102	62082
80	26377	53066
75	31342	51327
70	34321	48582
65	35995	46307
60	36963	45246
55	37440	43380
50	37723	40174
45	37815	38197

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.4℃
Operators:Near Gao
Test Date:2025-12-19

Checker: Near Gao

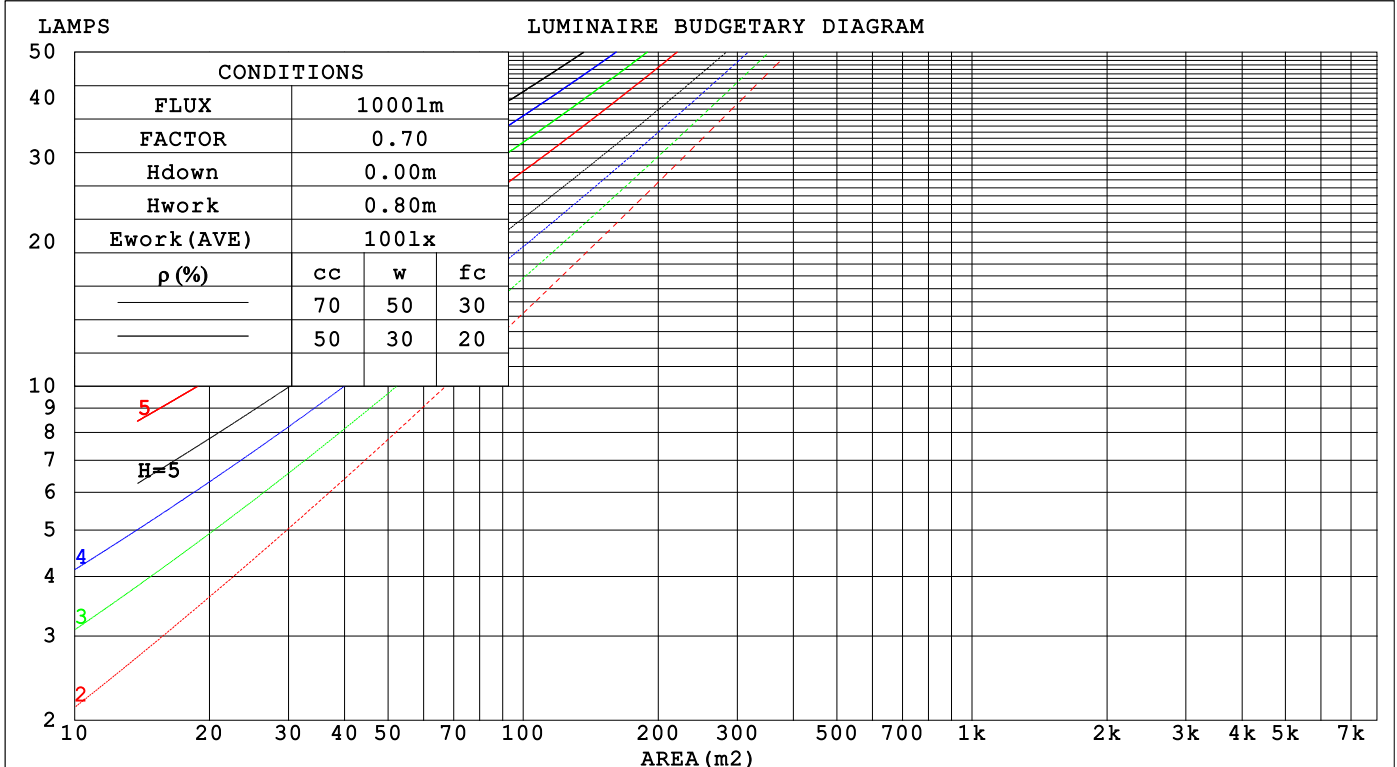
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 48.4%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 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	.96
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.86	.89	.86	.83	.84	.82	.80	.77
2.0	.87	.79	.73	.85	.78	.72	.80	.75	.70	.76	.72	.67	.73	.69	.65	.63
3.0	.75	.67	.60	.74	.65	.59	.70	.63	.57	.67	.61	.56	.64	.59	.54	.52
4.0	.66	.57	.50	.65	.56	.49	.62	.54	.48	.59	.52	.47	.56	.51	.46	.44
5.0	.59	.49	.42	.58	.49	.42	.55	.47	.41	.53	.46	.40	.50	.44	.40	.37
6.0	.53	.43	.37	.52	.43	.36	.49	.42	.36	.47	.40	.35	.45	.39	.35	.32
7.0	.48	.39	.32	.47	.38	.32	.45	.37	.31	.43	.36	.31	.41	.35	.30	.28
8.0	.43	.35	.29	.43	.34	.28	.41	.33	.28	.39	.32	.27	.38	.32	.27	.25
9.0	.40	.31	.26	.39	.31	.25	.38	.30	.25	.36	.29	.25	.35	.29	.24	.22
10.0	.37	.28	.23	.36	.28	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.4℃
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: 48.4%
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:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 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	.349	.199	.063	.341	.195	.062	.326	.187	.060	.311	.180	.058	.298	.173	.056															
2.0	.318	.174	.054	.311	.171	.053	.297	.165	.051	.284	.159	.050	.272	.154	.049															
3.0	.289	.154	.046	.283	.151	.046	.270	.147	.045	.259	.142	.044	.248	.137	.043															
4.0	.264	.137	.040	.258	.135	.040	.247	.131	.039	.237	.127	.038	.227	.123	.038															
5.0	.242	.123	.036	.236	.121	.035	.226	.118	.035	.217	.115	.034	.209	.112	.034															
6.0	.223	.112	.032	.218	.110	.032	.209	.107	.031	.201	.104	.031	.193	.102	.030															
7.0	.206	.102	.029	.202	.101	.029	.194	.098	.028	.186	.096	.028	.179	.093	.027															
8.0	.191	.094	.026	.188	.092	.026	.181	.090	.026	.174	.088	.025	.167	.086	.025															
9.0	.179	.086	.024	.175	.085	.024	.169	.083	.024	.163	.082	.023	.157	.080	.023															
10.0	.168	.080	.022	.164	.079	.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	.218	.218	.218	.187	.187	.187	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.211	.184	.159	.181	.158	.137	.124	.109	.095	.071	.063	.055	.023	.020	.018	
2.0	.204	.160	.123	.175	.138	.106	.120	.095	.074	.069	.055	.043	.022	.018	.014	
3.0	.197	.143	.100	.169	.123	.087	.116	.086	.061	.067	.050	.036	.021	.016	.012	
4.0	.189	.130	.085	.162	.112	.074	.112	.078	.052	.065	.046	.031	.021	.015	.010	
5.0	.181	.120	.074	.156	.104	.064	.107	.072	.046	.062	.042	.027	.020	.014	.009	
6.0	.174	.111	.067	.150	.097	.058	.103	.068	.041	.060	.040	.024	.019	.013	.008	
7.0	.167	.105	.061	.144	.091	.053	.099	.064	.038	.058	.037	.022	.019	.012	.007	
8.0	.160	.099	.057	.138	.086	.050	.095	.060	.035	.056	.036	.021	.018	.012	.007	
9.0	.154	.094	.054	.133	.082	.047	.092	.057	.033	.054	.034	.020	.017	.011	.007	
10.0	.148	.090	.051	.128	.078	.044	.089	.055	.032	.052	.032	.019	.017	.011	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.4℃
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: 48.4%
Test Distance:2.488m [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:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 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	25.2	26.7	25.5	27.0	27.3	25.9	27.5	26.2	27.7	28.0	
	3H	26.9	28.3	27.2	28.6	28.9	28.0	29.4	28.4	29.8	30.1
	4H	27.5	28.9	27.9	29.2	29.6	29.0	30.4	29.4	30.7	31.1
	6H	28.0	29.3	28.4	29.6	30.0	29.9	31.1	30.2	31.5	31.9
	8H	28.1	29.3	28.5	29.7	30.1	30.2	31.4	30.6	31.8	32.2
	12H	28.1	29.3	28.5	29.7	30.1	30.5	31.7	30.9	32.1	32.4
4H	2H	26.0	27.4	26.4	27.7	28.1	26.6	27.9	26.9	28.3	28.6
	3H	27.9	29.1	28.3	29.5	29.9	28.9	30.1	29.3	30.4	30.8
	4H	28.7	29.8	29.2	30.2	30.6	30.0	31.1	30.5	31.5	31.9
	6H	29.3	30.3	29.8	30.7	31.2	31.0	32.0	31.5	32.4	32.9
	8H	29.5	30.4	30.0	30.9	31.3	31.4	32.4	31.9	32.8	33.3
	12H	29.6	30.5	30.1	30.9	31.4	31.8	32.7	32.3	33.1	33.6
8H	4H	29.3	30.2	29.7	30.6	31.1	30.4	31.3	30.8	31.7	32.2
	6H	30.1	30.8	30.6	31.3	31.8	31.6	32.3	32.1	32.8	33.3
	8H	30.4	31.1	30.9	31.6	32.1	32.1	32.8	32.6	33.3	33.8
	12H	30.6	31.2	31.2	31.7	32.3	32.6	33.2	33.2	33.8	34.3
12H	4H	29.3	30.2	29.8	30.6	31.1	30.4	31.2	30.9	31.7	32.2
	6H	30.3	30.9	30.8	31.4	32.0	31.6	32.3	32.2	32.8	33.4
	8H	30.7	31.2	31.2	31.8	32.3	32.3	32.9	32.8	33.4	33.9
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, 1853 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.1$)
Area: 0.014 m²

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.4°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: 48.4%
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:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 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	34	52	41	34	51	40	33	27
0.80	63	51	43	62	50	42	60	49	42	35
1.00	71	59	51	70	58	51	67	60	50	42
1.25	78	67	59	77	66	58	74	64	58	49
1.50	84	73	65	82	72	64	78	69	63	54
2.00	91	81	74	89	80	73	85	77	71	62
2.50	95	86	79	93	85	78	88	82	76	67
3.00	99	91	85	96	89	83	92	86	81	71
4.00	103	97	91	100	95	90	96	91	86	76
5.00	106	100	96	103	98	94	98	94	90	80
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: 25.4°C
Operators: Near Gao
Test Date: 2025-12-19

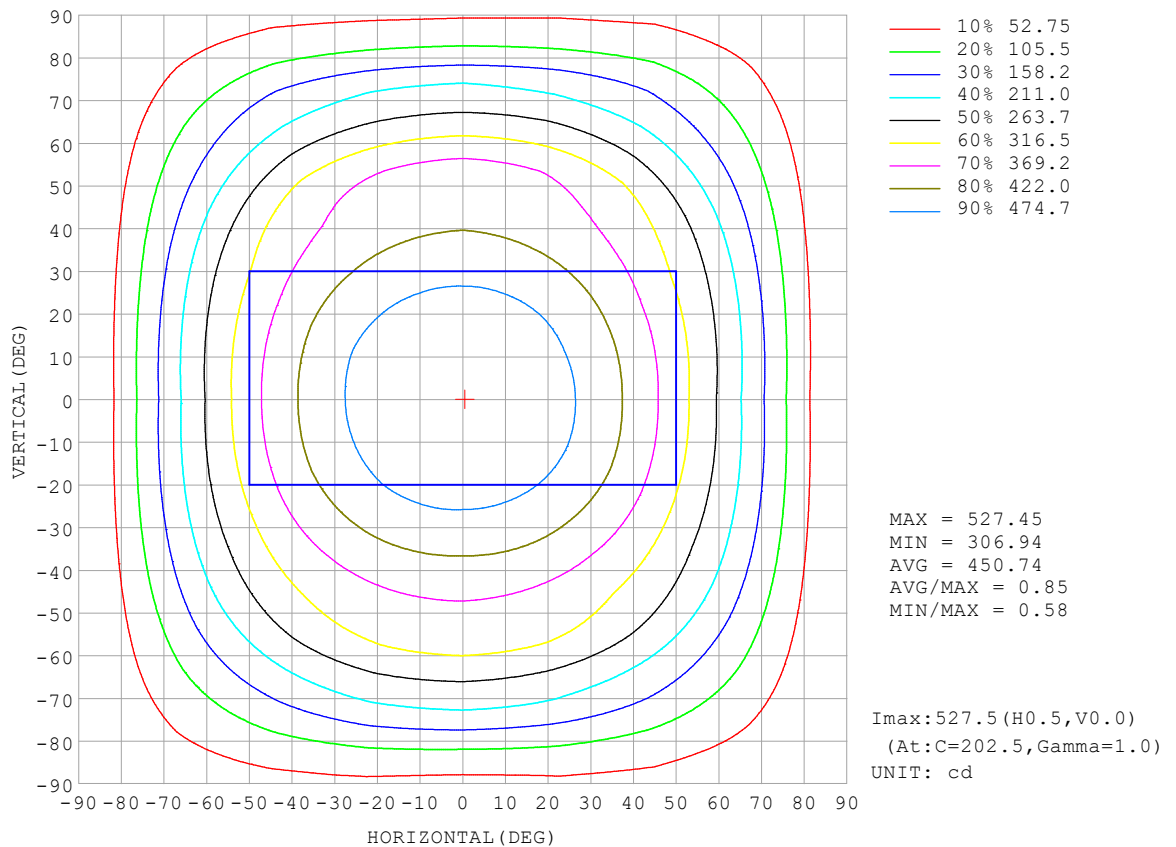
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 48.4%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.4°C
 Operators:Near Gao
 Test Date:2025-12-19

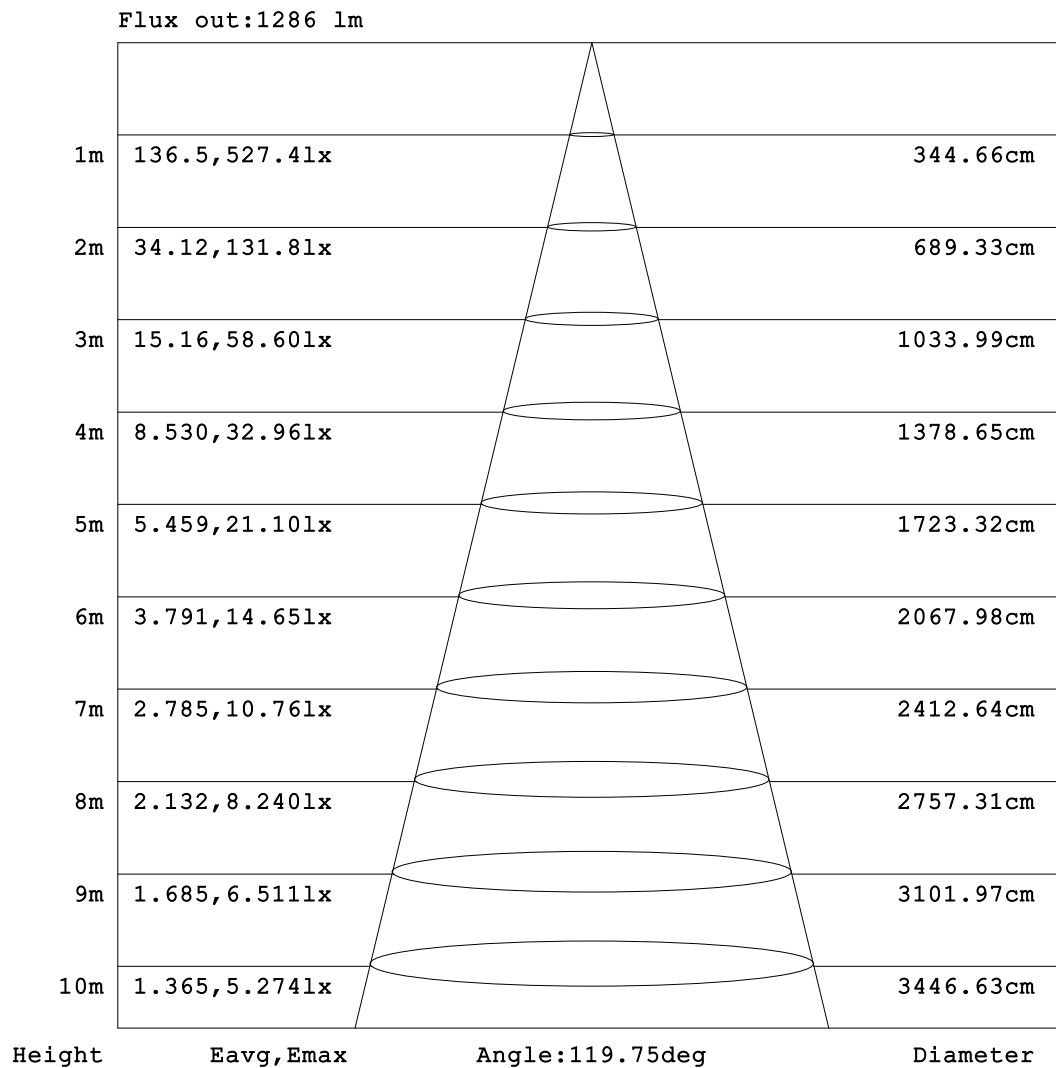
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 48.4%
 Test Distance:2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

AAI Figure

Test:U:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 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: 25.4°C
Operators:Near Gao
Test Date:2025-12-19

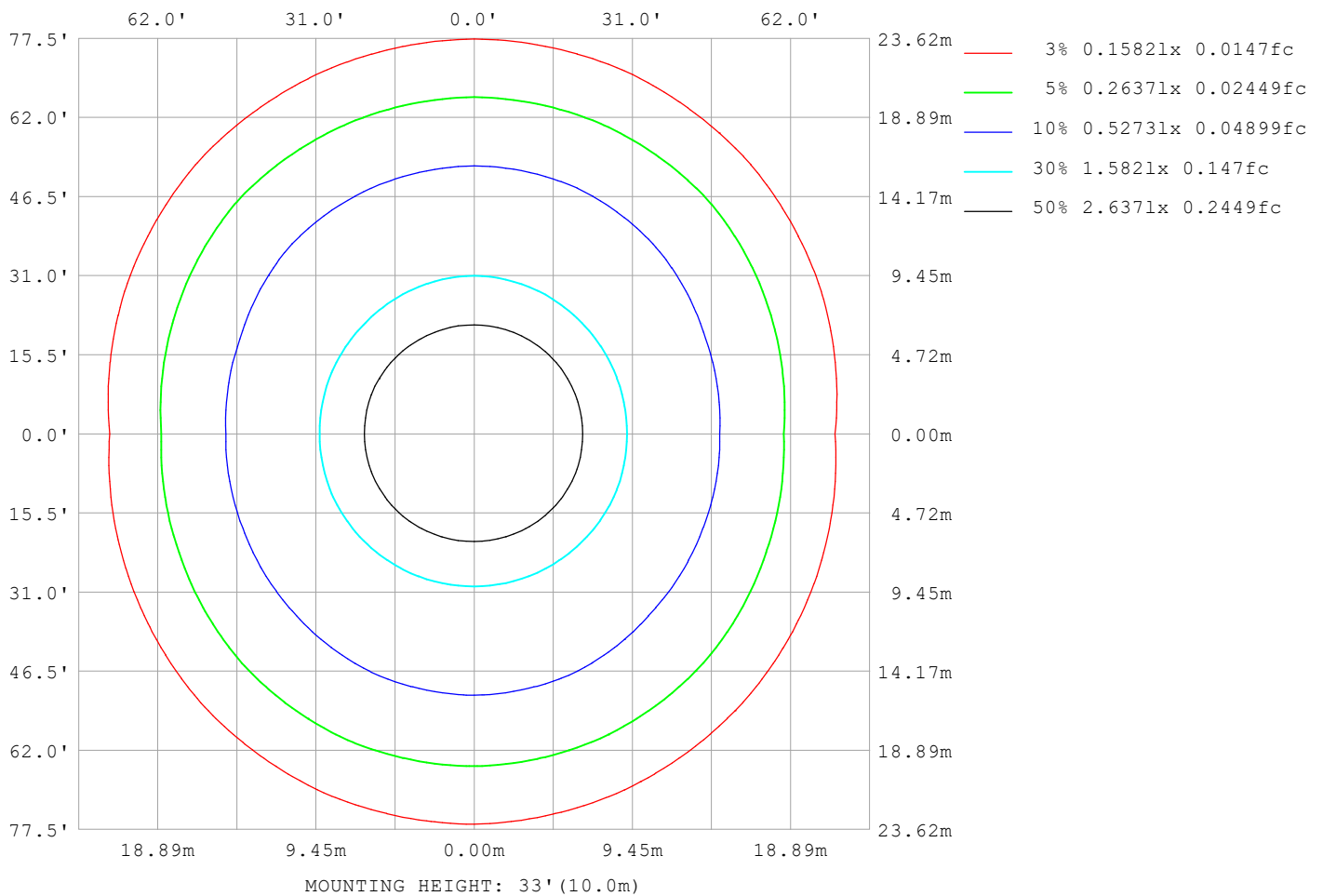
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 48.4%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test: U:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux: 1852.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.4°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: 48.4%
 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:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	36435
L_0~180 (75) av	31994
L_0~180 (85) av	20708
L_90~270 (65) av	47219
L_90~270 (75) av	53731
L_90~270 (85) av	65463
L_45 (65) av	44382
L_45 (75) av	47279
L_45 (85) av	59643

Standard: GB/T 29293-2012

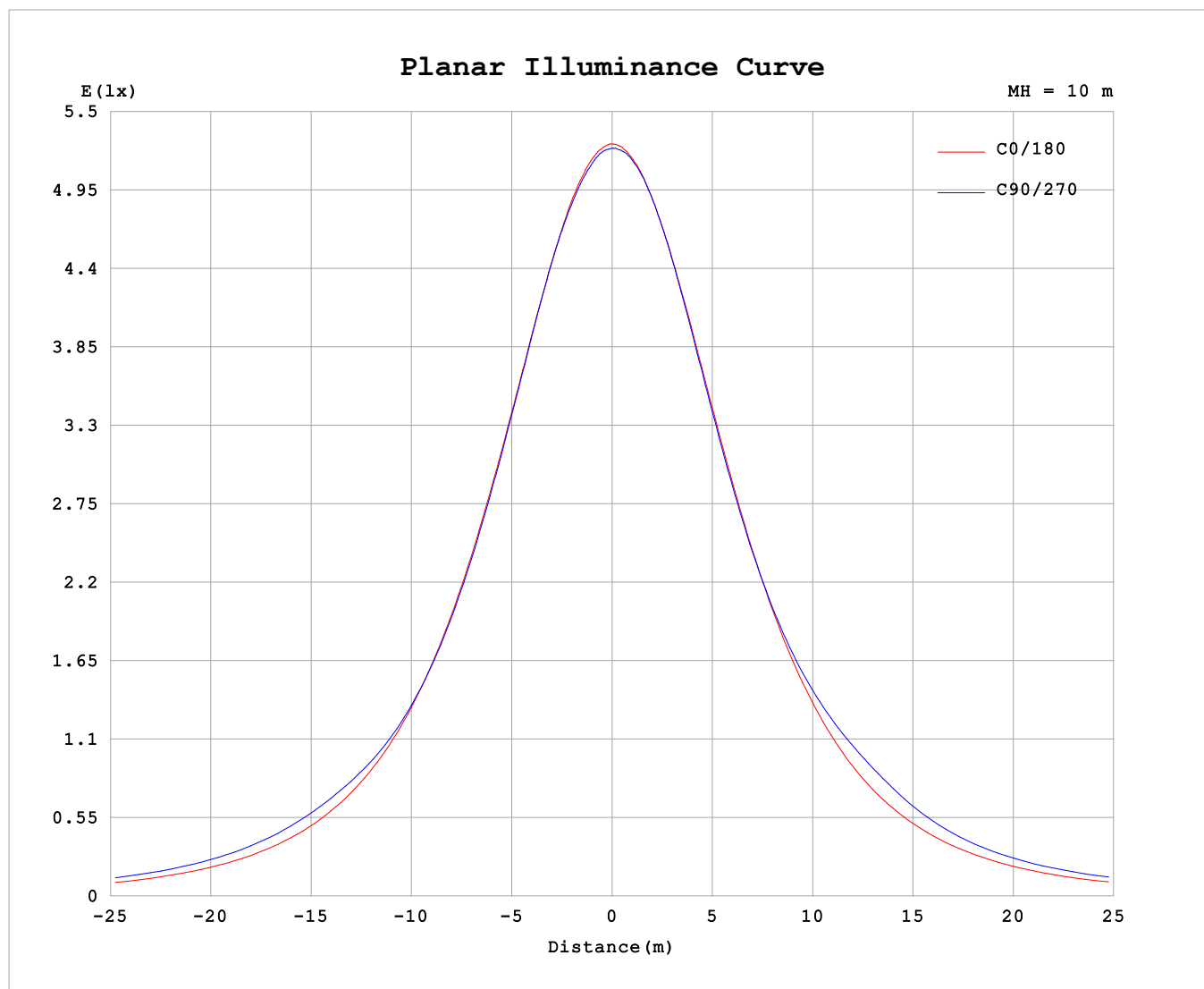
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.4℃
Operators:Near Gao
Test Date:2025-12-19

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 48.4%
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: 25.4°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: 48.4%
 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:100.10V I:0.1780A P:16.145W PF:0.9063 Freq:50.01Hz Lamp Flux:1852.77x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

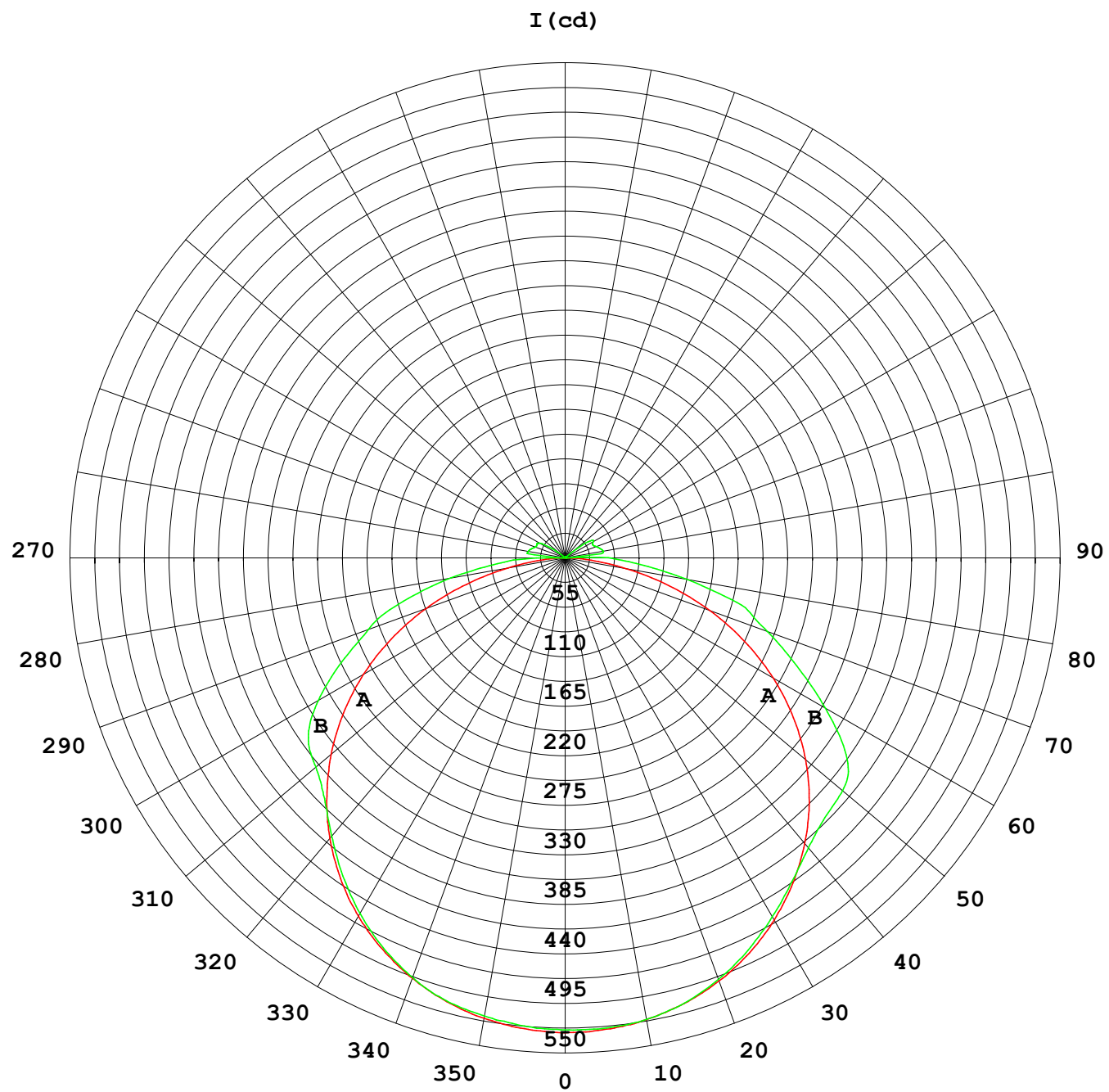
C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525			
5	522	523	523	523	522	524	524	523	523	524	524	524	525	525	524	523			
10	517	517	518	518	517	520	520	518	518	520	520	521	521	520	520	518			
15	508	509	509	510	510	512	512	510	510	512	511	512	513	512	512	509			
20	495	496	497	496	497	499	501	499	498	501	499	499	499	498	499	496			
25	478	480	480	478	479	481	484	483	482	485	483	481	481	481	483	480			
30	457	461	458	457	456	459	464	464	463	466	463	461	461	461	462	460			
35	433	436	434	432	431	434	439	442	439	442	439	438	440	438	438	436			
40	405	408	405	404	404	407	412	415	412	416	415	418	421	418	413	409			
45	373	377	374	376	379	380	382	384	382	386	391	402	409	402	389	379			
50	338	342	343	354	362	358	352	350	347	354	370	394	403	390	367	347			
55	299	306	316	340	349	342	326	315	308	321	353	374	381	373	345	315			
60	258	269	291	310	317	314	298	278	266	288	320	328	334	329	316	281			
65	212	232	252	266	274	272	260	239	219	247	270	279	284	280	268	243			
70	164	189	205	223	233	230	214	195	170	197	219	236	240	234	219	194			
75	113	140	163	180	186	185	169	148	119	147	178	196	203	196	175	145			
80	63.8	93.1	114	126	129	131	120	99.0	68.5	99.7	127	132	137	136	130	98.9			
85	24.4	50.4	66.5	74.2	75.8	77.8	71.6	55.0	26.1	54.1	74.4	79.9	83.9	83.5	78.6	56.2			
90	1.58	12.0	20.3	29.9	25.7	21.7	3.84	8.16	1.74	17.3	35.1	45.3	49.9	50.0	45.0	28.0			
95	0.17	13.6	30.7	32.2	20.9	31.6	31.1	16.7	0.20	13.0	22.2	8.24	1.13	0.43	11.4	13.5			
100	0.19	11.7	33.2	39.2	41.9	41.2	34.4	11.8	0.27	13.4	34.2	42.2	43.2	40.6	35.2	9.95			
105	0.23	3.28	27.1	36.9	39.2	37.7	29.3	4.12	0.32	5.58	30.3	38.7	40.5	39.1	30.9	4.69			
110	0.29	0.32	19.4	32.6	35.7	33.4	21.6	0.50	0.39	0.81	23.6	34.7	37.0	35.1	21.5	0.66			
115	0.32	0.34	12.0	30.3	35.0	30.9	15.8	0.38	0.47	0.43	19.0	32.0	34.2	28.9	15.3	0.46			
120	0.40	0.37	4.10	25.0	33.2	28.7	7.79	0.39	0.57	0.47	10.5	33.0	36.2	29.8	8.37	0.49			
125	0.46	0.48	0.41	11.8	19.6	14.5	0.45	0.38	0.63	0.51	1.10	21.0	31.9	21.3	1.07	0.49			
130	0.51	0.46	0.50	1.48	5.25	2.05	0.56	0.48	0.73	0.67	0.66	3.33	8.68	3.64	0.64	0.56			
135	0.55	0.48	0.42	0.60	0.61	0.62	0.56	0.48	0.63	0.63	0.72	0.78	1.03	0.73	0.71	0.62			
140	0.57	0.56	0.59	0.57	0.61	0.59	0.51	0.76	0.67	0.85	0.60	0.78	0.79	0.77	0.61	0.72			
145	0.63	0.64	0.66	0.51	0.50	0.50	0.75	0.81	0.71	0.92	0.75	0.66	0.81	0.65	0.79	0.86			
150	0.68	0.68	0.59	0.72	0.67	0.71	0.58	0.71	0.76	0.82	0.83	0.80	0.67	0.79	0.74	0.87			
155	0.71	0.85	0.83	0.58	0.63	0.60	0.66	0.74	0.78	0.88	0.97	0.79	0.82	0.76	0.82	0.81			
160	0.73	0.89	0.59	0.79	0.84	0.85	0.80	0.72	0.80	1.03	0.93	0.99	0.96	0.97	0.93	0.82			
165	0.73	0.75	0.83	0.71	0.77	0.77	0.78	0.90	0.80	0.90	0.74	0.98	0.95	0.90	0.82	0.94			
170	0.73	0.74	0.83	0.79	0.81	0.89	0.88	0.89	0.79	0.96	0.98	0.89	0.87	0.86	0.91	0.79			
175	0.78	0.90	0.97	0.83	0.95	0.93	0.94	0.96	0.81	0.85	1.00	0.94	0.97	0.85	0.90	0.80			
180	0.81	0.80	0.79	0.82	0.82	0.80	0.78	0.78	0.80	0.80	0.79	0.82	0.82	0.80	0.78	0.78			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.4℃
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: 48.4%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

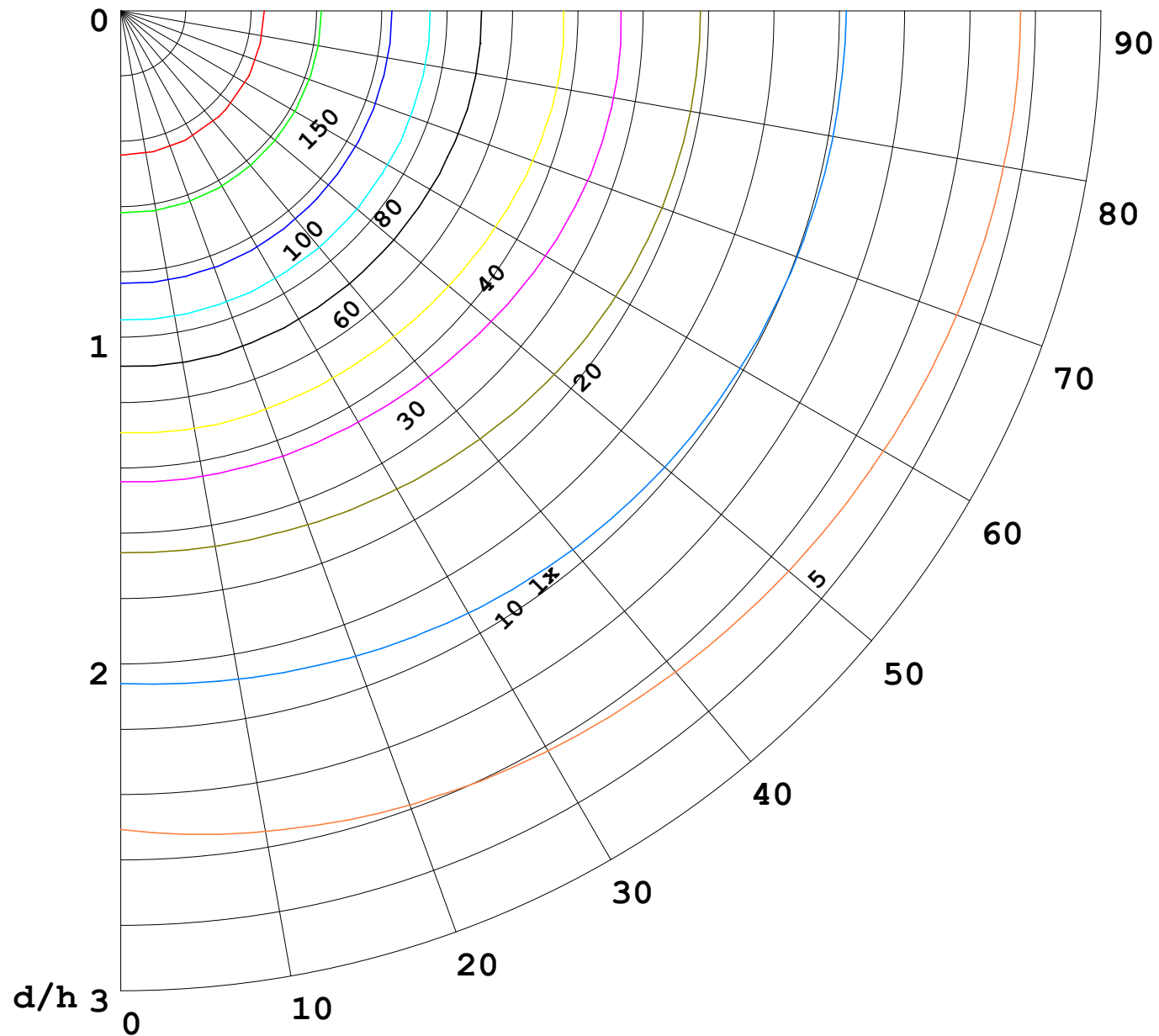
Checker: Near Gao

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

