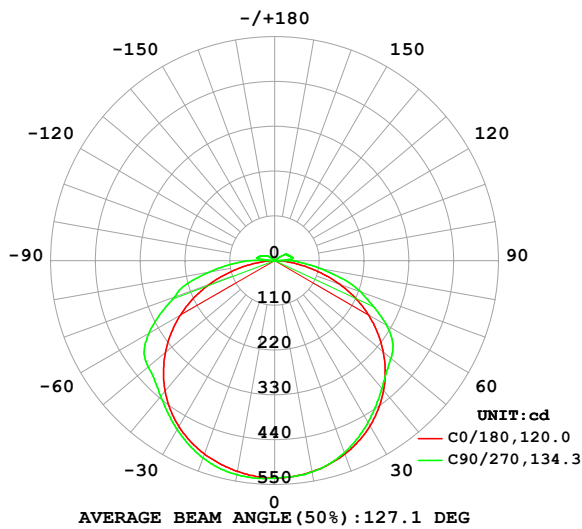


LUMINAIRE PHOTOMETRIC TEST REPORT

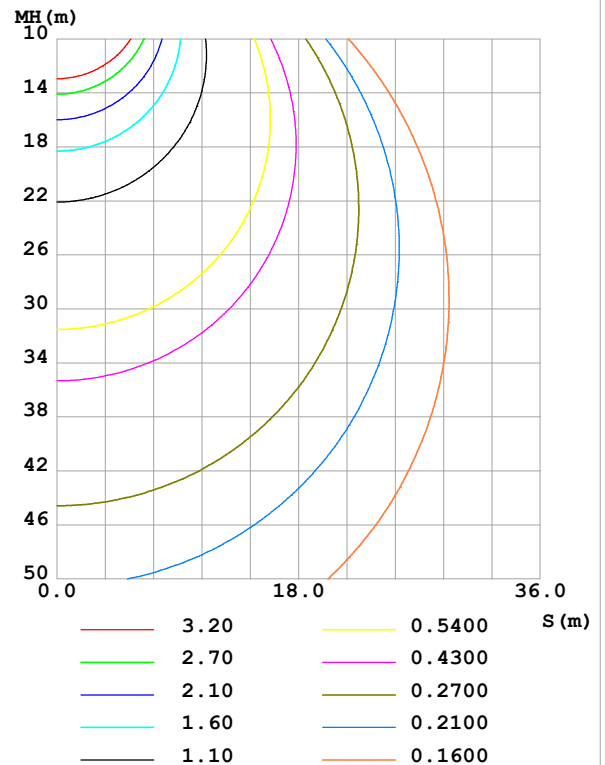
Test:U:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 116.93 lm/W
MODEL	100V-2835-288L-3000K	I _{max} (cd)	536.5	S/MH(C0/180)	1.31	
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.33	
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	1890.7	η UP,DN(C0-180)	1.7,46.5	
NOMINAL FLUX(lm)	1890.66	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.7,50.0	
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	100	η down (%)	96.6	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

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 42.4%
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	532.1	531.5	532.2	530.9	532.0	533.9	536.0	533.7	0- 5	12.75	12.75	0.67,0.67
10	526.4	526.0	527.3	525.9	525.4	531.0	533.9	530.8	5- 10	37.96	50.71	2.68,2.68
15	517.7	516.5	517.2	516.7	516.8	524.2	527.8	524.1	10- 15	62.20	112.9	5.97,5.97
20	505.3	503.3	501.7	504.0	505.1	513.7	515.6	513.6	15- 20	84.73	197.6	10.5,10.5
25	488.8	485.6	481.9	486.9	489.9	498.3	498.8	498.3	20- 25	104.8	302.4	16,16
30	468.7	463.6	458.5	465.1	470.7	478.4	478.7	478.9	25- 30	121.7	424.1	22.4,22.4
35	444.4	437.5	434.9	440.5	446.8	454.4	457.1	455.6	30- 35	135.0	559.1	29.6,29.6
40	416.2	407.8	409.5	413.0	418.7	427.7	435.7	429.7	35- 40	144.7	703.8	37.2,37.2
45	384.2	378.5	388.8	383.8	386.3	399.9	416.7	402.7	40- 45	150.6	854.4	45.2,45.2
50	348.7	350.8	373.2	354.6	350.3	373.7	405.5	377.1	45- 50	153.6	1008	53.3,53.3
55	308.7	325.7	354.2	326.2	310.7	352.1	391.6	354.1	50- 55	154.2	1162	61.5,61.5
60	266.0	292.4	317.8	296.4	267.6	328.8	356.5	327.6	55- 60	150.1	1312	69.4,69.4
65	220.2	248.1	268.1	256.9	220.6	284.6	309.6	287.1	60- 65	138.7	1451	76.7,76.7
70	169.9	201.3	224.9	208.0	170.6	233.3	262.5	241.1	65- 70	121.0	1572	83.2,83.2
75	118.4	154.0	171.9	162.1	118.7	188.3	224.3	197.4	70- 75	100.7	1673	88.5,88.5
80	68.09	101.6	115.3	110.9	67.42	139.3	163.4	148.7	75- 80	76.33	1749	92.5,92.5
85	26.42	58.87	68.00	65.24	24.77	85.03	107.7	96.69	80- 85	49.57	1799	95.1,95.1
90	1.956	20.08	22.15	2.371	1.046	38.59	63.96	57.25	85- 90	27.45	1826	96.6,96.6
95	0.1558	31.57	25.65	32.95	0.2115	24.74	1.618	14.25	90- 95	5.568	1832	96.9,96.9
100	0.2179	34.11	43.36	34.46	0.2314	34.22	43.67	35.83	95-100	13.89	1846	97.6,97.6
105	0.2700	29.08	40.31	28.09	0.2820	28.27	40.01	29.85	100-105	13.44	1859	98.3,98.3
110	0.3405	22.02	36.83	19.17	0.3611	18.82	35.16	21.03	105-110	10.62	1870	98.9,98.9
115	0.4100	15.82	33.78	11.10	0.3816	9.720	28.54	11.86	110-115	8.059	1878	99.3,99.3
120	0.4485	7.985	32.34	4.295	0.4563	4.473	23.10	4.658	115-120	5.922	1884	99.6,99.6
125	0.5712	1.614	16.71	1.536	0.5282	0.4900	17.96	0.4607	120-125	3.697	1887	99.8,99.8
130	0.6390	0.5123	5.793	0.5609	0.6016	0.6599	6.791	0.6248	125-130	1.546	1889	99.9,99.9
135	0.5217	0.4252	1.796	0.5632	0.6694	0.7247	0.6146	0.7019	130-135	0.4338	1889	99.9,99.9
140	0.7293	0.5500	0.6201	0.4440	0.6735	0.6247	0.7950	0.6138	135-140	0.2491	1890	99.9,99.9
145	0.7168	0.5695	0.4958	0.6700	0.7313	0.8397	0.8224	0.8510	140-145	0.2361	1890	100,100
150	0.7532	0.7764	0.6244	0.5959	0.7808	0.7877	0.6892	0.7412	145-150	0.2077	1890	100,100
155	0.7508	0.8641	0.6366	0.8459	0.8054	0.9711	0.8497	0.8933	150-155	0.1938	1890	100,100
160	0.7548	0.7910	0.8452	0.7411	0.8254	0.8967	0.9192	0.8346	155-160	0.1704	1890	100,100
165	0.7497	0.7119	0.7843	0.7570	0.8204	0.8355	0.9607	0.8922	160-165	0.1395	1890	100,100
170	0.7506	0.7721	0.8438	0.7174	0.7977	0.8204	0.8751	0.9443	165-170	0.0971	1891	100,100
175	0.8086	0.8547	0.8826	0.9705	0.8251	1.038	0.8611	0.8555	170-175	0.0596	1891	100,100
180	0.8268	0.8103	0.8486	0.7989	0.8251	0.8117	0.8507	0.8009	175-180	0.0208	1891	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 854.41 lm

%lum = 45.2%

%lamp = 45.2%

Conical surface Flux(120deg): 1312.3 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

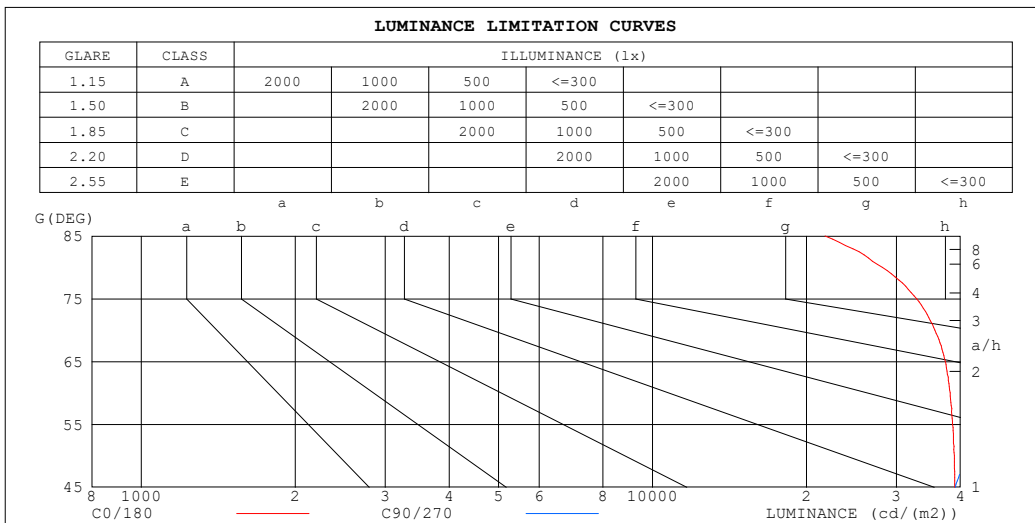
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
 Humidity: 42.4%
 Test Distance:2.488m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test: U:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux: 1890.66x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	21758	55529
80	28149	47260
75	32834	47277
70	35664	46801
65	37397	45144
60	38197	45229
55	38638	43945
50	38937	41321
45	39001	39127

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

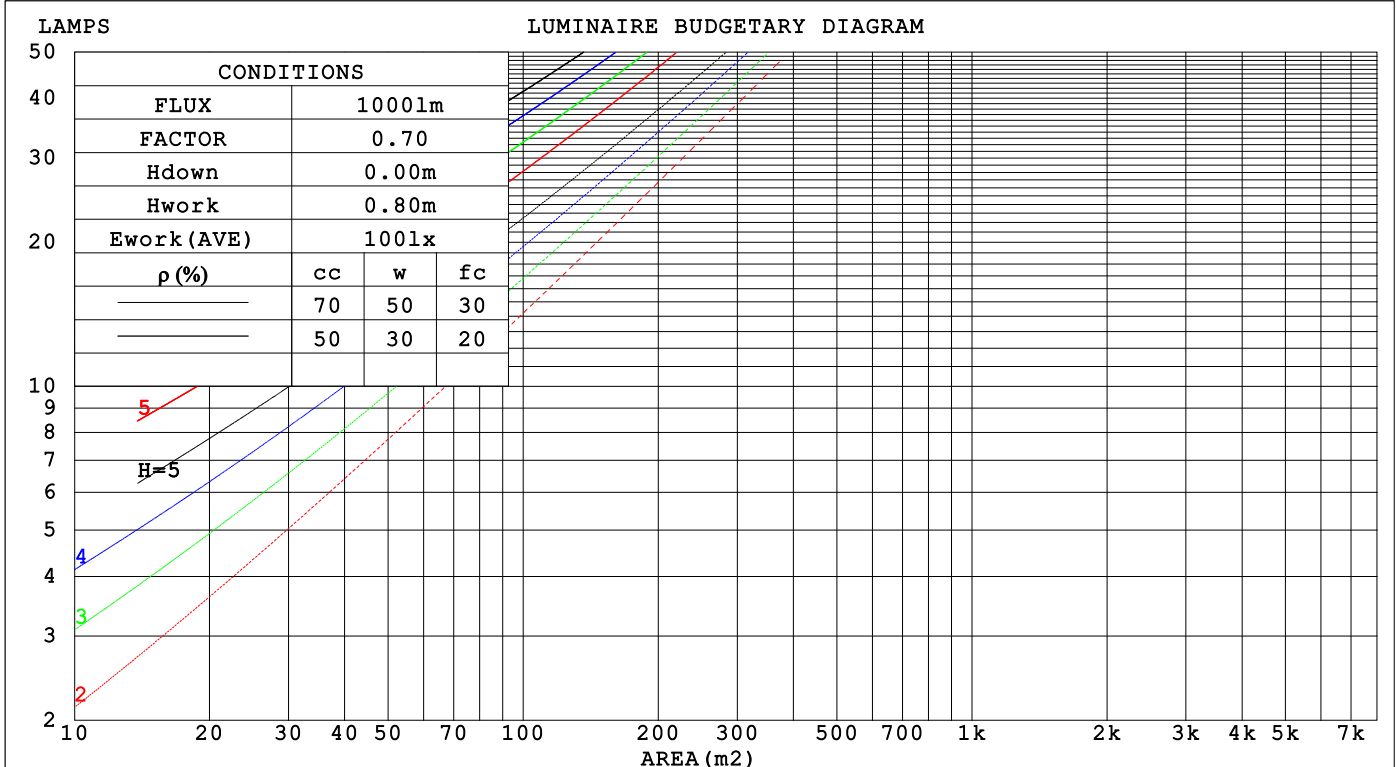
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 42.4%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 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	.92	.98	.94	.90	.93	.90	.86	.89	.86	.83	.85	.82	.80	.78
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	.28	.42	.34	.28	.41	.33	.28	.39	.32	.27	.38	.32	.27	.25
9.0	.40	.31	.25	.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: 42.4%
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:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 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 .181 .058	.300 .174 .056	
2.0	.319 .175 .054	.312 .172 .053	.298 .166 .052	.286 .160 .050	.274 .155 .049	
3.0	.290 .154 .046	.284 .152 .046	.271 .147 .045	.260 .142 .044	.249 .138 .043	
4.0	.264 .137 .040	.258 .135 .040	.248 .131 .039	.237 .127 .038	.228 .124 .038	
5.0	.242 .123 .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 .105 .031	.194 .102 .030	
7.0	.206 .102 .029	.202 .101 .029	.194 .098 .028	.187 .096 .028	.180 .093 .027	
8.0	.192 .094 .026	.188 .093 .026	.181 .090 .026	.174 .088 .025	.168 .086 .025	
9.0	.179 .087 .024	.176 .086 .024	.169 .084 .024	.163 .082 .023	.157 .080 .023	
10.0	.168 .080 .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	.216 .216 .216	.185 .185 .185	.126 .126 .126	.073 .073 .073	.023 .023 .023	
1.0	.209 .182 .157	.179 .156 .135	.123 .107 .094	.071 .062 .054	.023 .020 .018	
2.0	.202 .158 .121	.173 .136 .105	.119 .094 .073	.068 .055 .043	.022 .018 .014	
3.0	.195 .141 .098	.167 .122 .085	.115 .084 .060	.066 .049 .035	.021 .016 .012	
4.0	.187 .128 .083	.161 .111 .072	.110 .077 .051	.064 .045 .030	.021 .015 .010	
5.0	.180 .118 .072	.154 .102 .063	.106 .071 .044	.062 .042 .026	.020 .014 .009	
6.0	.172 .110 .065	.148 .095 .056	.102 .066 .040	.059 .039 .024	.019 .013 .008	
7.0	.165 .103 .059	.142 .089 .051	.098 .062 .036	.057 .037 .022	.018 .012 .007	
8.0	.158 .097 .055	.136 .084 .048	.094 .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	.146 .088 .049	.126 .076 .043	.087 .054 .030	.051 .032 .018	.017 .010 .006	

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: 42.4%
 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:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 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	25.3	26.8	25.6	27.1	27.4	25.9	27.4	26.2	27.7	28.0
	3H	26.9	28.4	27.3	28.7	29.0	27.9	29.3	28.2	29.6
	4H	27.6	29.0	28.0	29.3	29.6	28.8	30.1	29.1	30.5
	6H	28.0	29.3	28.4	29.7	30.0	29.5	30.8	29.9	31.1
	8H	28.2	29.4	28.6	29.8	30.1	29.8	31.0	30.2	31.4
	12H	28.2	29.4	28.6	29.8	30.2	30.0	31.2	30.4	31.6
4H	2H	26.1	27.4	26.4	27.8	28.1	26.5	27.9	26.9	28.2
	3H	27.9	29.1	28.3	29.5	29.9	28.7	29.9	29.1	30.3
	4H	28.7	29.8	29.2	30.2	30.6	29.7	30.9	30.2	31.2
	6H	29.3	30.3	29.8	30.7	31.2	30.6	31.6	31.1	32.0
	8H	29.5	30.4	30.0	30.8	31.3	31.0	31.9	31.4	32.3
	12H	29.6	30.5	30.1	30.9	31.4	31.3	32.2	31.8	32.6
8H	4H	29.2	30.1	29.6	30.5	31.0	30.0	31.0	30.5	31.4
	6H	29.9	30.7	30.4	31.2	31.7	31.1	31.9	31.6	32.3
	8H	30.2	30.9	30.8	31.4	32.0	31.6	32.3	32.1	32.8
	12H	30.5	31.1	31.0	31.6	32.1	32.1	32.7	32.6	33.2
12H	4H	29.2	30.1	29.7	30.5	31.0	30.1	30.9	30.5	31.4
	6H	30.1	30.8	30.6	31.3	31.8	31.2	31.9	31.7	32.4
	8H	30.5	31.1	31.0	31.6	32.1	31.7	32.3	32.3	32.8
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, 1891 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.2$)
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: 42.4%
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:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 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	71	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	84	96	89	83	92	86	81	71
4.00	103	97	91	100	95	90	96	91	86	76
5.00	106	100	95	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

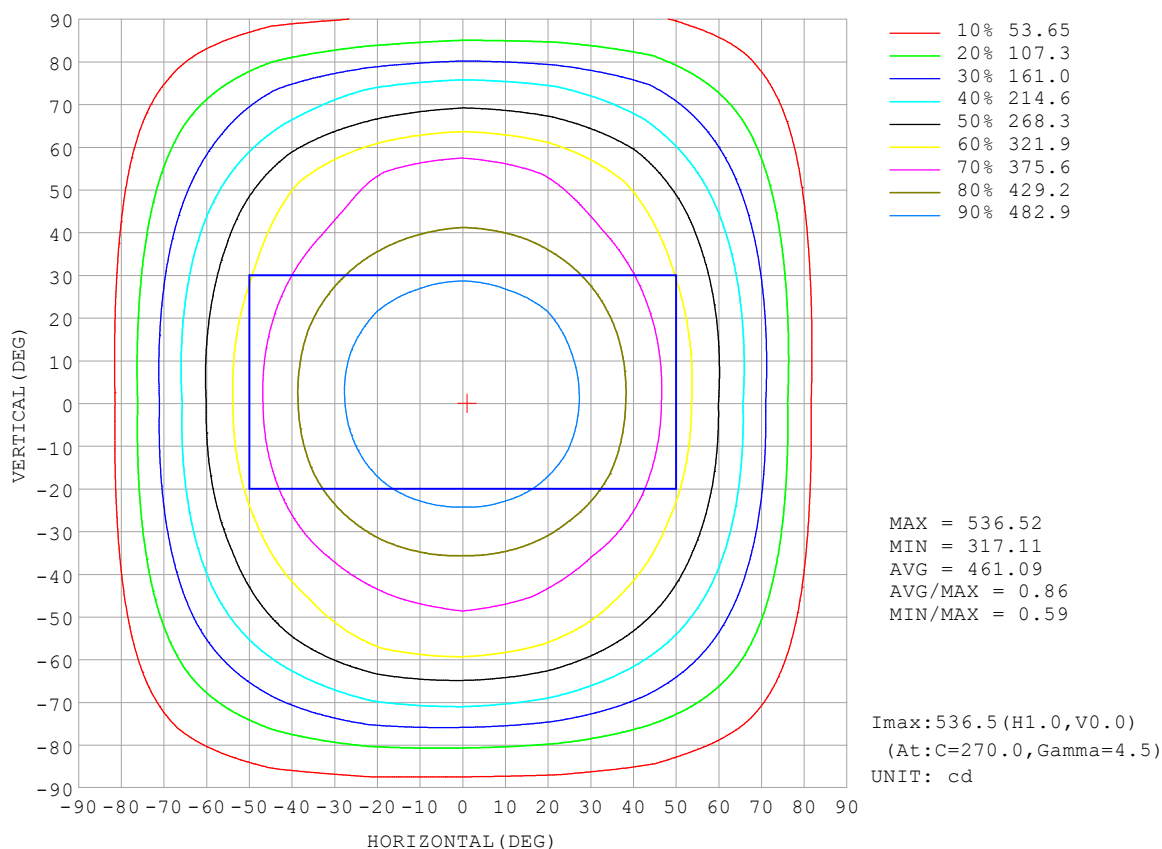
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 42.4%
Test Distance: 2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 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

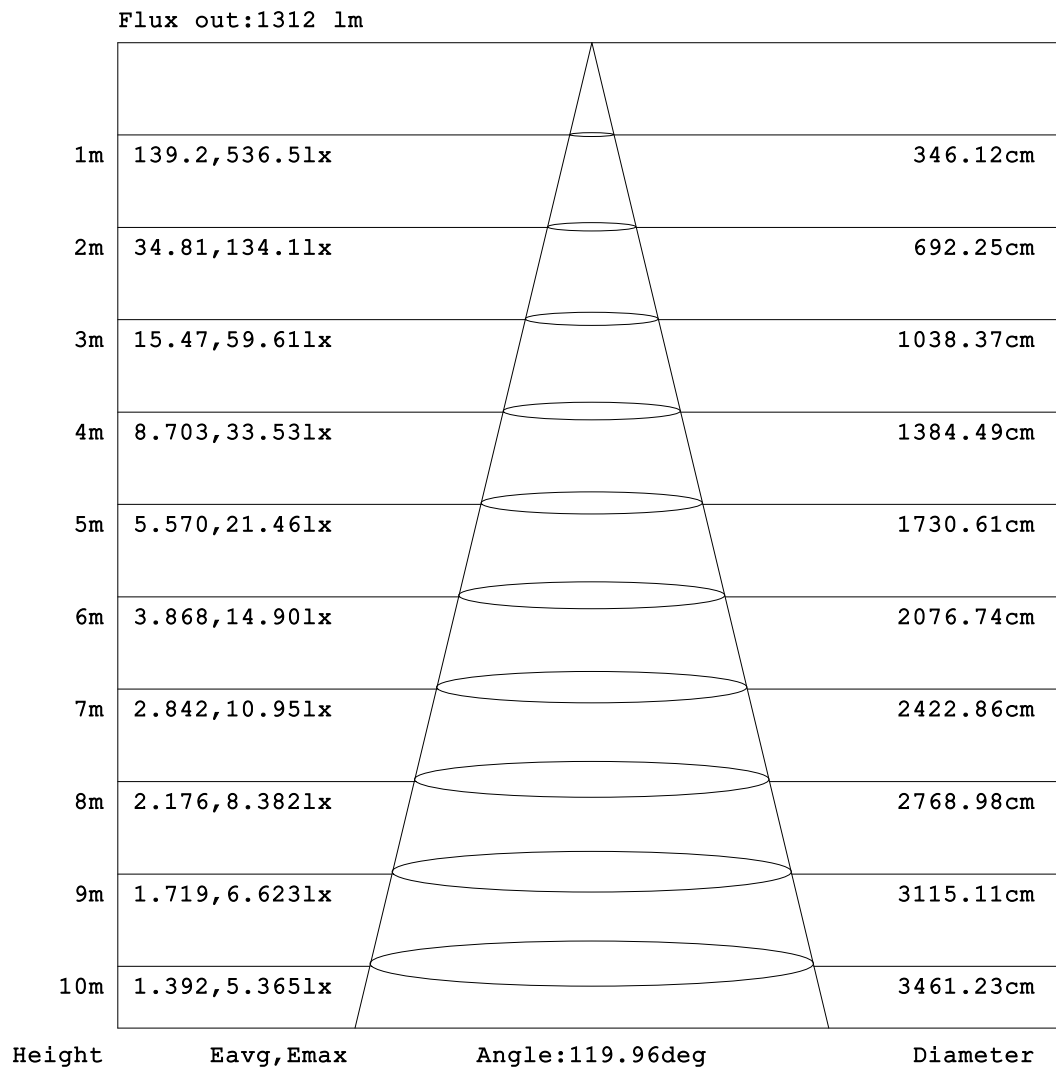
Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 42.4%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

AAI Figure

Test:U:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 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℃
Operators:Near Gao
Test Date:2025-12-19

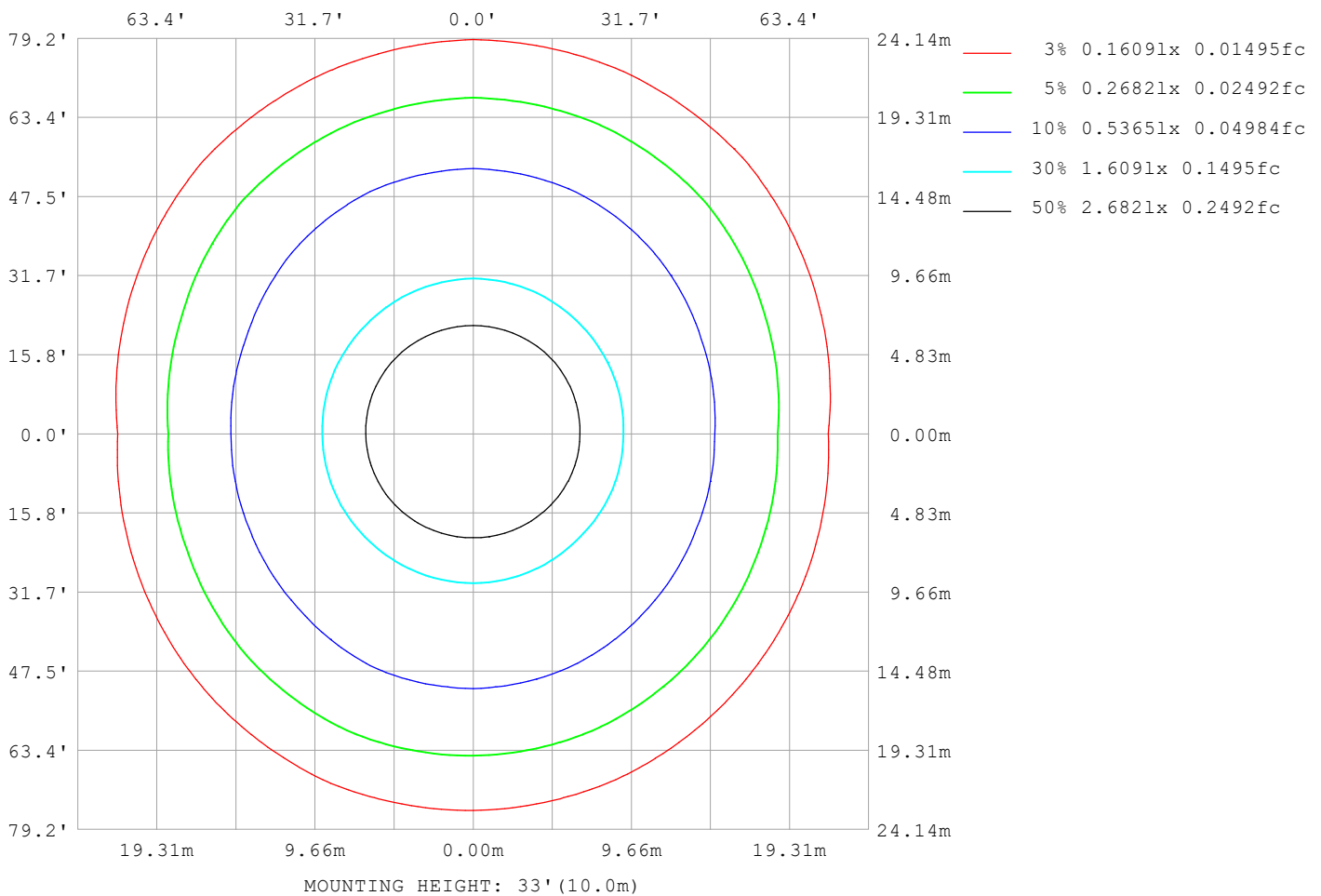
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 42.4%
Test Distance:2.488m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 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: 42.4%
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:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	37251
L_0~180 (75) av	32720
L_0~180 (85) av	20974
L_90~270 (65) av	48819
L_90~270 (75) av	54670
L_90~270 (85) av	72019
L_45 (65) av	45493
L_45 (75) av	48424
L_45 (85) av	62661

Standard: GB/T 29293-2012

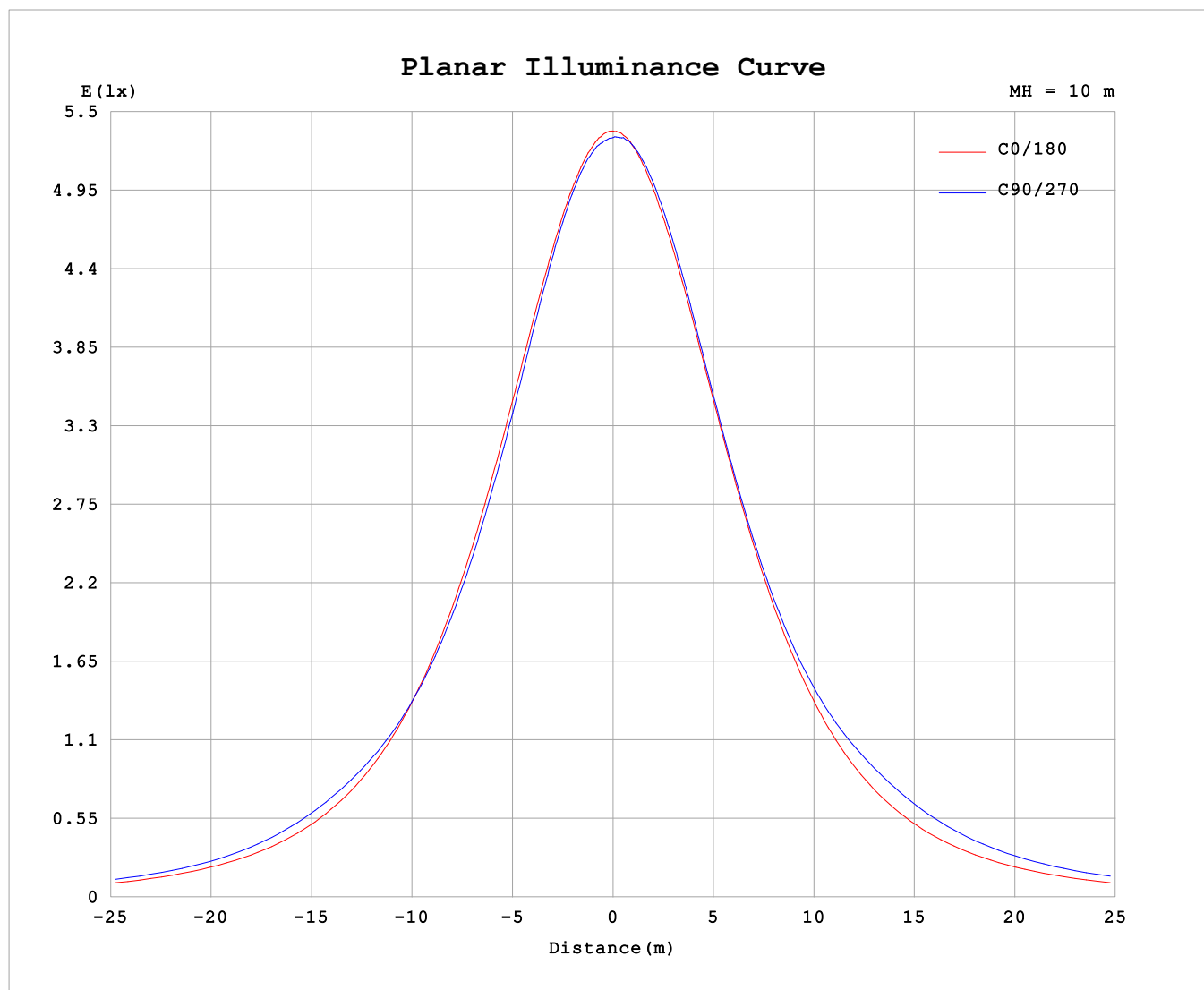
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.4℃
Operators:Near Gao
Test Date:2025-12-19

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.491
Humidity: 42.4%
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: 42.4%
 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:100.07V I:0.1782A P:16.169W PF:0.9066 Freq:50.01Hz Lamp Flux:1890.66x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

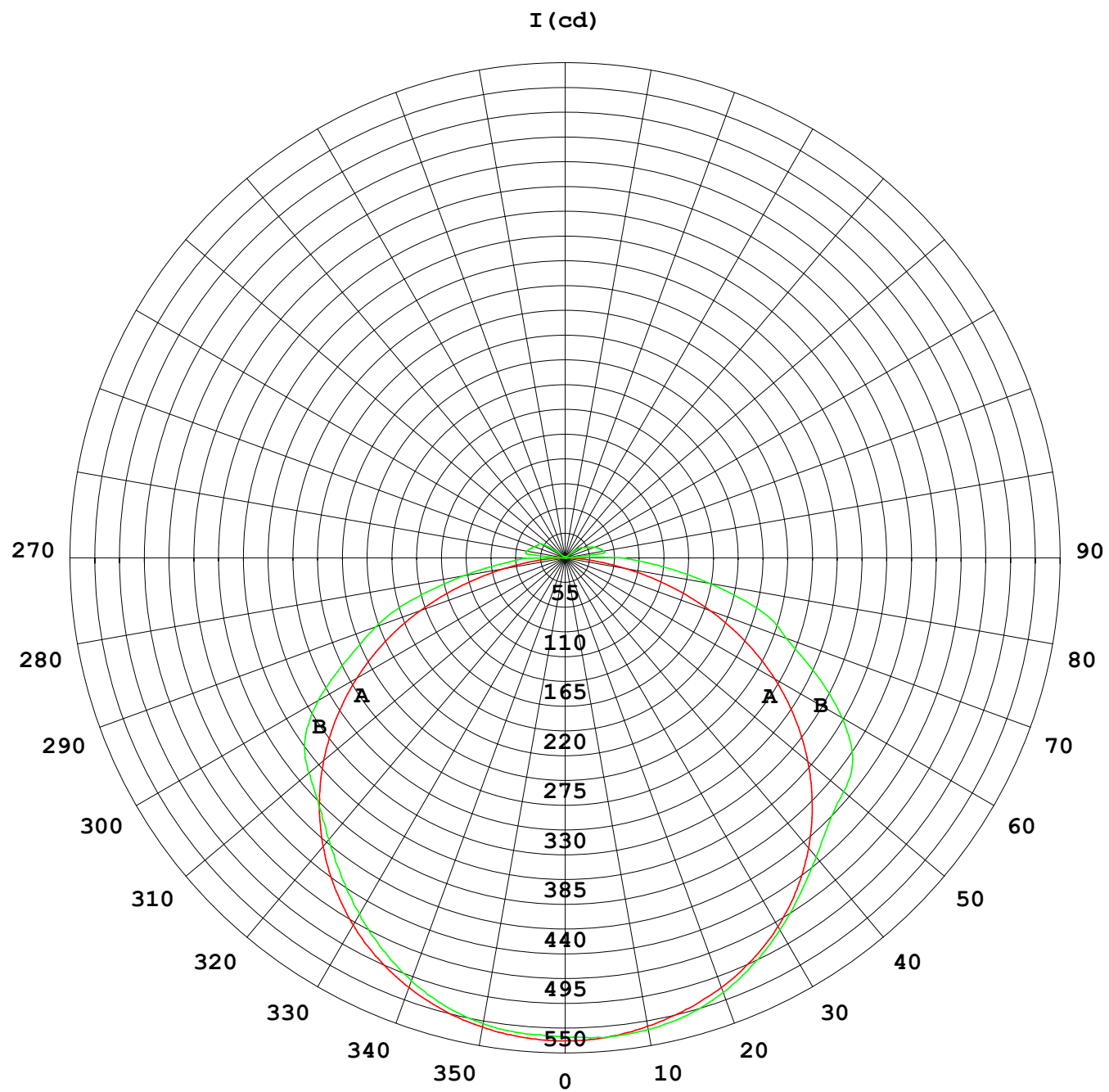
C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	534	534	534	534	534	534	534	534	534	534	534	534	534	534	534	534			
5	532	533	531	531	532	531	531	532	532	533	534	534	536	535	534	533			
10	526	528	526	525	527	526	526	527	525	529	531	532	534	532	531	528			
15	518	519	517	516	517	516	517	518	517	522	524	525	528	525	524	520			
20	505	506	503	501	502	502	504	506	505	511	514	513	516	514	514	509			
25	489	490	486	482	482	482	487	490	490	496	498	497	499	497	498	494			
30	469	469	464	459	459	459	465	470	471	477	478	477	479	477	479	475			
35	444	445	437	434	435	436	440	447	447	454	454	454	457	455	456	452			
40	416	416	408	409	410	410	413	419	419	427	428	431	436	433	430	426			
45	384	384	379	385	389	386	384	387	386	395	400	409	417	412	403	395			
50	349	349	351	366	373	366	355	352	350	361	374	394	405	396	377	363			
55	309	313	326	345	354	348	326	316	311	325	352	381	392	380	354	328			
60	266	276	292	309	318	317	296	277	268	290	329	348	357	348	328	293			
65	220	234	248	262	268	270	257	237	221	252	285	300	310	303	287	254			
70	170	186	201	217	225	225	208	193	171	203	233	250	262	257	241	207			
75	118	137	154	167	172	177	162	144	119	153	188	213	224	218	197	159			
80	68.1	88.3	102	112	115	119	111	94.6	67.4	106	139	154	163	161	149	112			
85	26.4	45.7	58.9	66.1	68.0	70.2	65.2	50.4	24.8	56.4	85.0	98.4	108	107	96.7	65.0			
90	1.96	12.8	20.1	19.4	22.1	19.7	2.37	6.36	1.05	15.3	38.6	57.1	64.0	64.4	57.2	32.2			
95	0.16	13.5	31.6	35.3	25.7	37.2	32.9	17.3	0.21	13.8	24.7	8.25	1.62	0.42	14.2	13.5			
100	0.22	10.6	34.1	39.9	43.4	41.8	34.5	10.9	0.23	12.0	34.2	41.9	43.7	40.8	35.8	11.8			
105	0.27	3.95	29.1	38.4	40.3	38.1	28.1	3.29	0.28	3.55	28.3	37.7	40.0	38.3	29.9	3.59			
110	0.34	1.17	22.0	34.4	36.8	33.1	19.2	0.89	0.36	0.40	18.8	31.8	35.2	32.5	21.0	0.44			
115	0.41	0.34	15.8	31.1	33.8	28.8	11.1	0.40	0.38	0.44	9.72	24.1	28.5	24.9	11.9	0.42			
120	0.45	0.37	7.99	26.7	32.3	24.6	4.30	0.42	0.46	0.48	4.47	17.9	23.1	18.6	4.66	0.46			
125	0.57	0.52	1.61	11.8	16.7	10.2	1.54	0.44	0.53	0.51	0.49	11.9	18.0	11.8	0.46	0.45			
130	0.64	0.62	0.51	3.30	5.79	3.41	0.56	0.49	0.60	0.61	0.66	1.78	6.79	2.16	0.62	0.54			
135	0.52	0.50	0.43	0.80	1.80	0.88	0.56	0.51	0.67	0.72	0.72	0.79	0.61	0.73	0.70	0.61			
140	0.73	0.76	0.55	0.59	0.62	0.60	0.44	0.69	0.67	0.82	0.62	0.78	0.79	0.77	0.61	0.85			
145	0.72	0.70	0.57	0.50	0.50	0.49	0.67	0.77	0.73	0.88	0.84	0.67	0.82	0.66	0.85	0.91			
150	0.75	0.75	0.78	0.69	0.62	0.68	0.60	0.52	0.78	0.68	0.79	0.84	0.69	0.83	0.74	0.92			
155	0.75	0.91	0.86	0.60	0.64	0.62	0.85	0.70	0.81	0.71	0.97	0.81	0.85	0.78	0.89	0.75			
160	0.75	0.93	0.79	0.72	0.85	0.83	0.74	0.89	0.83	1.01	0.90	0.98	0.92	1.00	0.83	0.86			
165	0.75	0.91	0.71	0.76	0.78	0.76	0.76	0.73	0.82	0.88	0.84	0.98	0.96	0.94	0.89	0.90			
170	0.75	0.75	0.77	0.71	0.84	0.89	0.72	0.74	0.80	0.83	0.82	0.81	0.88	0.88	0.94	0.92			
175	0.81	0.86	0.85	0.85	0.88	0.80	0.97	0.87	0.83	1.00	1.04	0.82	0.86	0.81	0.86	0.91			
180	0.83	0.82	0.81	0.85	0.85	0.82	0.80	0.80	0.83	0.83	0.81	0.85	0.85	0.82	0.80	0.80			

C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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Humidity: 42.4%
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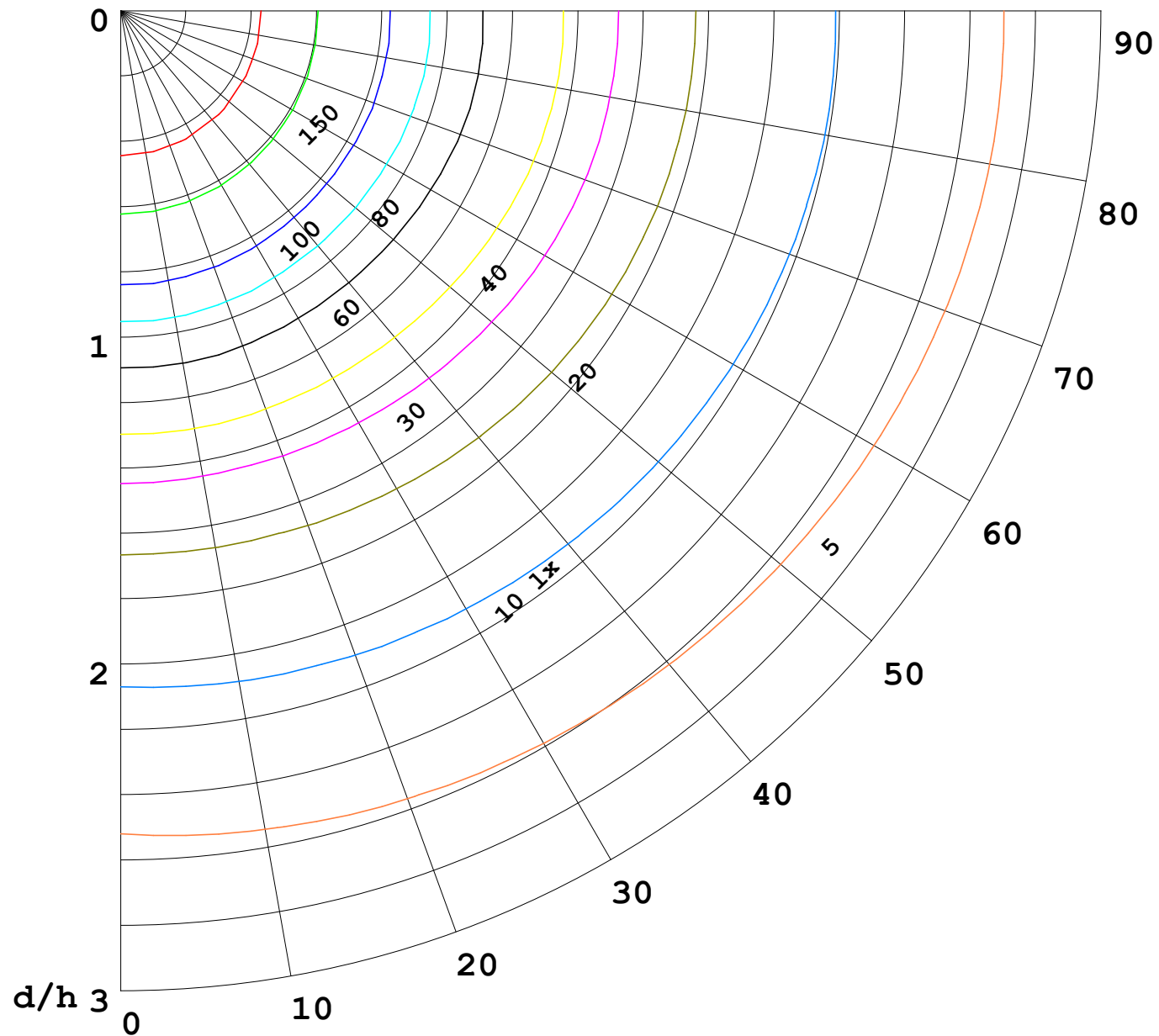
Checker: Near Gao

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

