

ALT-R38-1000-3000K-24W-10X60D



Light Output Ratio:	100.0%	
Luminaire Power:	26.35 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.30	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: 邓光文
Test Date: 2026-08-28

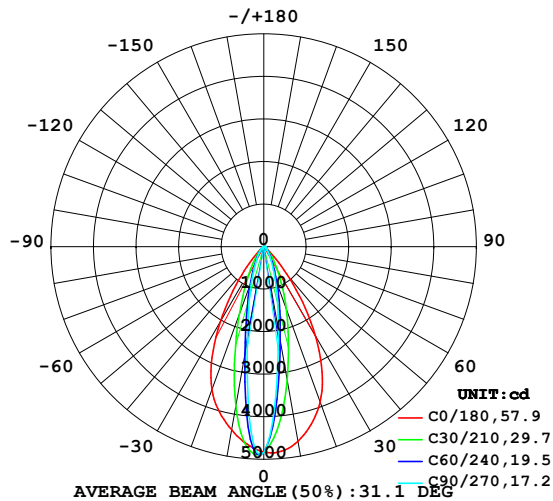
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话: 020-36933476

LUMINAIRE PHOTOMETRIC TEST REPORT

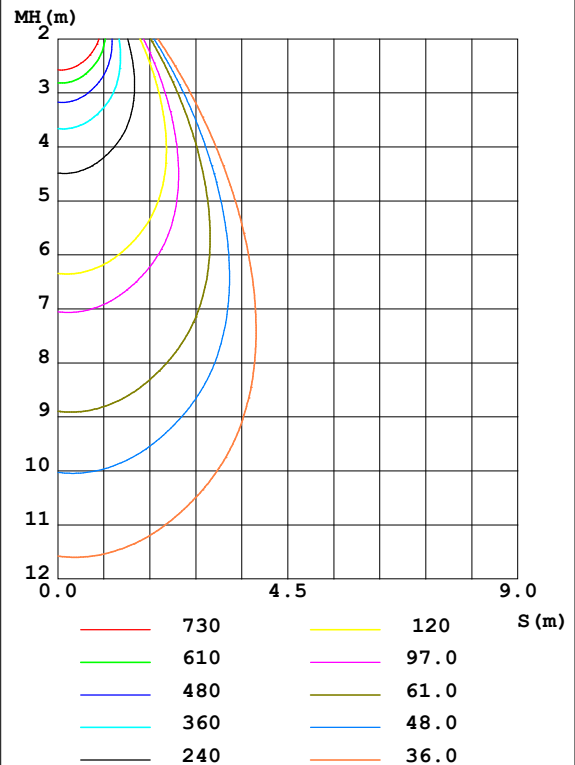
Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.88 lm/W			
MODEL	R38A	I _{max} (cd)	4970	S/MH(C0/180)	0.85
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	0.32
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2052.4	η UP,DN(C0-180)	0.4,49.6
NOMINAL FLUX(lm)	2052.45	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,49.5
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	24	η down(%)	99.1	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: 邓光文
Test Date: 2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话: 020-36933476

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

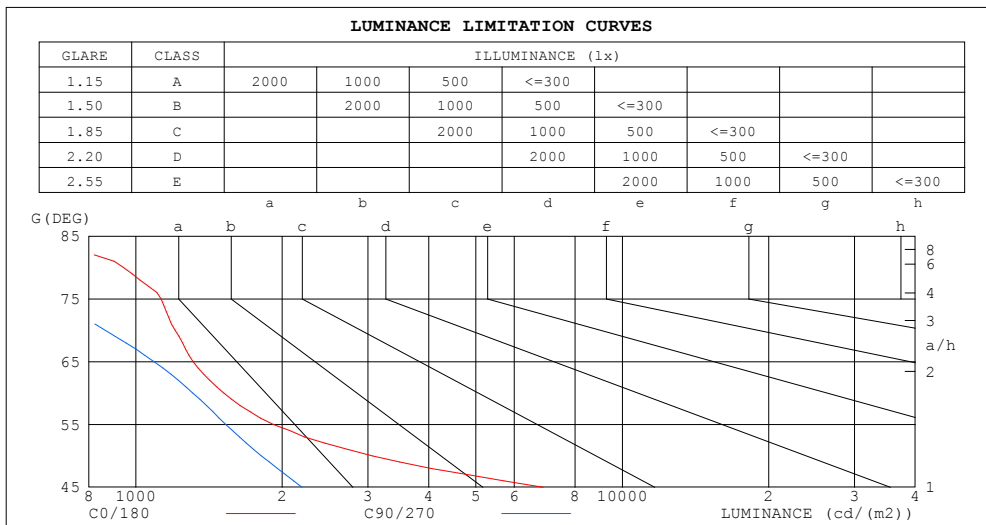
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4644	2714	1996	2765	4370	3187	2232	3156	0- 10	363.8	363.8	17.7,17.7
20	3883	1229	762.1	1180	3568	1314	822.5	1351	10- 20	617.9	981.7	47.8,47.8
30	2446	515.8	321.5	469.2	2053	498.1	322.2	530.4	20- 30	518.5	1500	73.1,73.1
40	853.4	216.0	153.3	187.8	624.5	187.5	147.1	205.6	30- 40	306.0	1806	88,88
50	141.9	101.3	83.83	79.87	97.90	76.54	77.37	87.16	40- 50	125.3	1932	94.1,94.1
60	54.59	49.00	47.14	39.80	44.96	37.17	39.39	41.31	50- 60	56.16	1988	96.8,96.8
70	29.68	22.66	21.32	19.46	27.44	17.28	17.18	18.31	60- 70	31.03	2019	98.4,98.4
80	11.81	6.530	5.128	5.635	9.320	4.130	3.543	4.725	70- 80	13.68	2032	99,99
90	0.1467	0.2144	0.1644	0.2086	0.1454	0.1230	0.0950	0.1426	80- 90	2.221	2035	99.1,99.1
100	0.2486	0.2096	0.1733	0.1926	0.2853	0.2208	0.2067	0.2278	90-100	0.1841	2035	99.1,99.1
110	0.5752	0.4079	0.3074	0.3617	0.8023	0.4246	0.3492	0.4386	100-110	0.3300	2035	99.2,99.2
120	1.525	0.9574	0.5507	0.7477	2.030	0.8483	0.6092	1.029	110-120	0.6673	2036	99.2,99.2
130	3.226	2.290	1.059	1.760	3.981	1.879	1.131	2.388	120-130	1.346	2037	99.3,99.3
140	5.396	4.918	2.388	3.896	6.262	4.003	2.453	4.952	130-140	2.420	2040	99.4,99.4
150	7.586	8.640	6.305	7.434	8.522	7.445	6.104	8.816	140-150	3.694	2043	99.6,99.6
160	9.893	11.77	11.62	10.93	10.84	11.03	11.59	12.19	150-160	4.408	2048	99.8,99.8
170	12.37	13.36	13.97	12.54	13.05	12.85	14.26	14.05	160-170	3.499	2051	99.9,99.9
180	13.91	13.40	13.58	13.68	13.99	13.39	13.53	13.65	170-180	1.285	2052	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:邓光文
 Test Date:2026-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.440m [K=1.0000]
 Remarks: 广州市花都区花城街永昌路21号
 联系电话:020-36933476

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	590	208
80	945	410
75	1128	643
70	1205	866
65	1312	1090
60	1516	1309
55	1918	1531
50	3065	1811
45	6870	2197

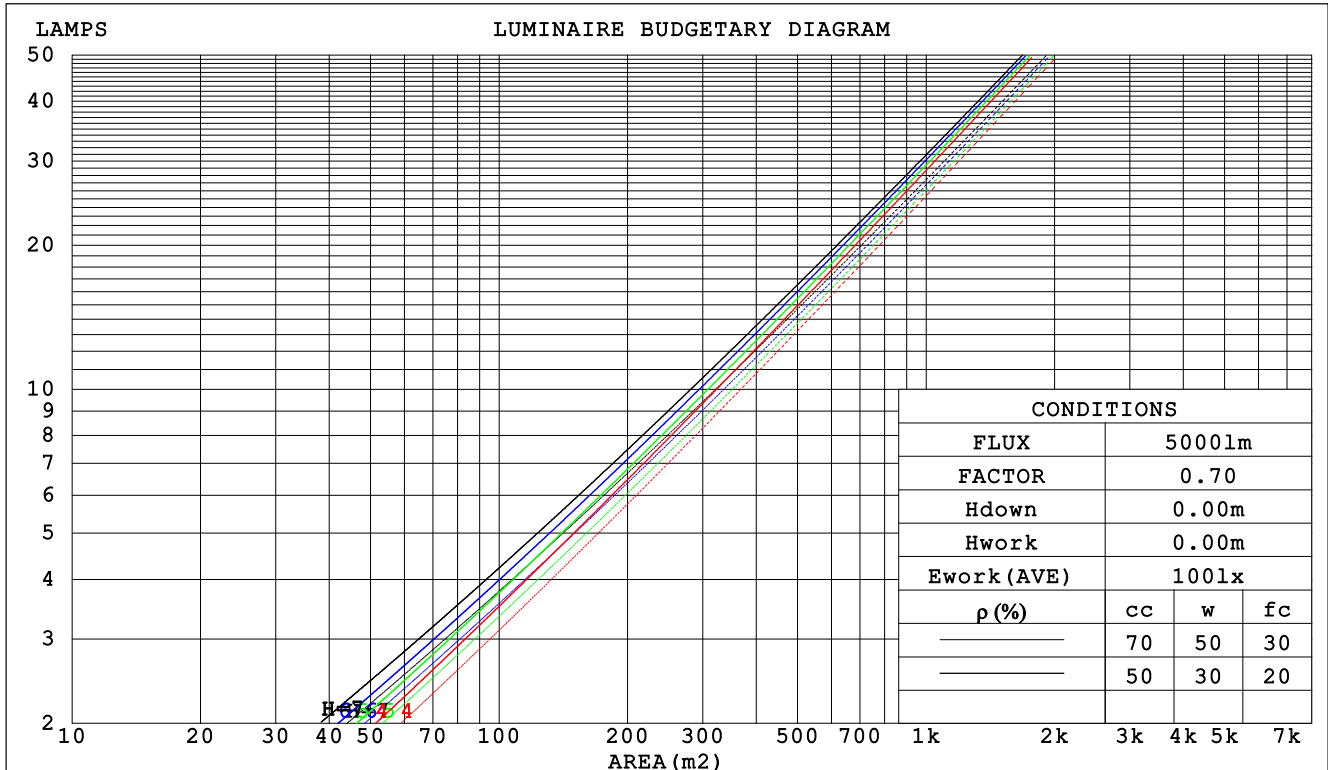
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.01	1.01	1.01	.99
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.86	.84	.87	.85	.82	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.80	.76	.73	.79	.75	.73	.71
6.0	.80	.75	.70	.79	.74	.70	.78	.73	.70	.76	.72	.69	.75	.71	.69	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.63
8.0	.72	.66	.63	.72	.66	.62	.70	.66	.62	.69	.65	.62	.68	.64	.62	.60
9.0	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.57
10.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.63	.59	.56	.55



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

WEC AND CCEC

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	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	.178	.101	.032	.171	.098	.031	.158	.091	.029	.146	.084	.027	.135	.078	.025		
2.0	.170	.093	.029	.164	.090	.028	.153	.085	.026	.143	.080	.025	.133	.075	.024		
3.0	.161	.085	.026	.155	.083	.025	.146	.079	.024	.137	.075	.023	.129	.072	.022		
4.0	.152	.079	.023	.147	.077	.023	.139	.074	.022	.132	.071	.021	.125	.068	.021		
5.0	.144	.073	.021	.140	.072	.021	.133	.069	.020	.126	.067	.020	.120	.064	.019		
6.0	.136	.068	.020	.133	.067	.019	.127	.065	.019	.121	.063	.018	.115	.061	.018		
7.0	.130	.064	.018	.127	.063	.018	.121	.061	.018	.116	.059	.017	.111	.058	.017		
8.0	.123	.060	.017	.121	.059	.017	.116	.058	.017	.111	.056	.016	.107	.055	.016		
9.0	.118	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.103	.052	.015		
10.0	.113	.054	.015	.111	.053	.015	.107	.052	.015	.103	.051	.015	.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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.178	.164	.151	.152	.141	.130	.104	.097	.090	.060	.056	.052	.019	.018	.017	
2.0	.163	.139	.119	.139	.120	.103	.095	.083	.072	.055	.048	.042	.018	.016	.014	
3.0	.150	.120	.097	.129	.104	.084	.088	.072	.059	.051	.042	.035	.016	.014	.011	
4.0	.140	.106	.080	.120	.091	.069	.082	.064	.049	.048	.037	.029	.015	.012	.009	
5.0	.131	.094	.067	.112	.081	.058	.077	.057	.041	.045	.033	.024	.014	.011	.008	
6.0	.123	.085	.057	.106	.073	.050	.073	.051	.035	.042	.030	.021	.014	.010	.007	
7.0	.116	.077	.049	.100	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
8.0	.110	.071	.043	.095	.061	.038	.066	.043	.027	.038	.025	.016	.012	.008	.005	
9.0	.105	.065	.039	.090	.057	.034	.063	.040	.024	.036	.024	.014	.012	.008	.005	
10.0	.100	.061	.035	.086	.053	.030	.060	.037	.022	.035	.022	.013	.011	.007	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

UGR(Unified Glare Rating) Table

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm										
NAME: LED洗墙灯					TYPE: 户外灯具			WEIGHT: /		
SPEC.: 1000*38*78MM					DIM.: /			SERIAL No.: C01		
MFR.: GZAILITELED					SUR.: 0.072			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	12.7	13.6	13.0	13.8	14.0	7.1	8.0	7.3	8.2	8.4
3H	12.8	13.6	13.0	13.8	14.0	7.6	8.4	7.9	8.6	8.9
4H	12.8	13.6	13.1	13.8	14.1	7.7	8.5	8.0	8.7	9.0
6H	12.8	13.5	13.1	13.8	14.1	7.7	8.5	8.0	8.7	9.0
8H	12.8	13.5	13.1	13.8	14.0	7.7	8.4	8.0	8.7	9.0
12H	12.7	13.4	13.1	13.7	14.0	7.7	8.4	8.0	8.6	8.9
4H 2H	12.6	13.4	12.9	13.6	13.8	7.3	8.1	7.6	8.4	8.6
3H	12.7	13.3	13.0	13.6	13.9	7.9	8.6	8.3	8.9	9.2
4H	12.7	13.3	13.1	13.7	14.0	8.1	8.7	8.5	9.1	9.4
6H	12.8	13.3	13.1	13.7	14.0	8.2	8.7	8.6	9.1	9.4
8H	12.7	13.3	13.2	13.6	14.0	8.1	8.7	8.6	9.0	9.4
12H	12.7	13.2	13.1	13.6	14.0	8.1	8.6	8.5	9.0	9.4
8H 4H	12.6	13.1	13.0	13.5	13.9	8.1	8.7	8.6	9.0	9.4
6H	12.7	13.1	13.1	13.5	13.9	8.2	8.7	8.7	9.1	9.5
8H	12.7	13.1	13.1	13.5	13.9	8.2	8.6	8.7	9.0	9.5
12H	12.7	13.0	13.1	13.4	13.9	8.2	8.5	8.7	9.0	9.5
12H 4H	12.6	13.0	13.0	13.4	13.8	8.1	8.6	8.5	9.0	9.4
6H	12.6	13.0	13.1	13.4	13.9	8.2	8.6	8.7	9.0	9.5
8H	12.6	13.0	13.1	13.4	13.9	8.2	8.5	8.7	9.0	9.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.8 / - 4.6					+ 0.8 / - 1.1				
1.5H	+ 6.9 / - 4.4					+ 0.7 / - 0.9				
2.0H	+ 5.6 / - 2.2					+ 1.2 / - 1.1				

CIE Pub.117, 2052 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.5)
Area: 0.072 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

UTILIZATION FACTORS TABLE

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /

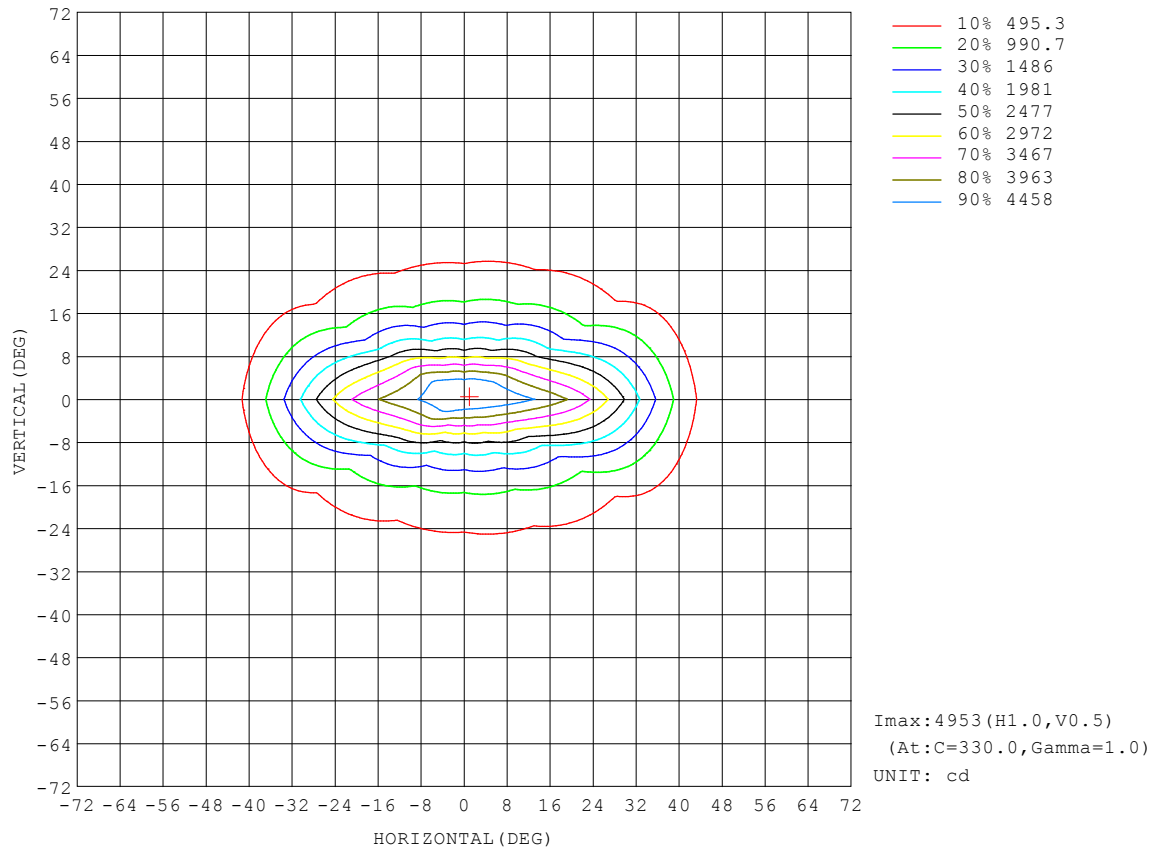
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	83	77	73	83	77	73	69
0.80	92	85	81	91	85	81	90	84	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	92	100	95	91	98	93	90	86
1.50	104	99	95	103	98	95	100	96	93	89
2.00	107	103	99	106	101	98	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: 邓光文
Test Date: 2026-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话: 020-36933476

ISOCANDELA DIAGRAM

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /

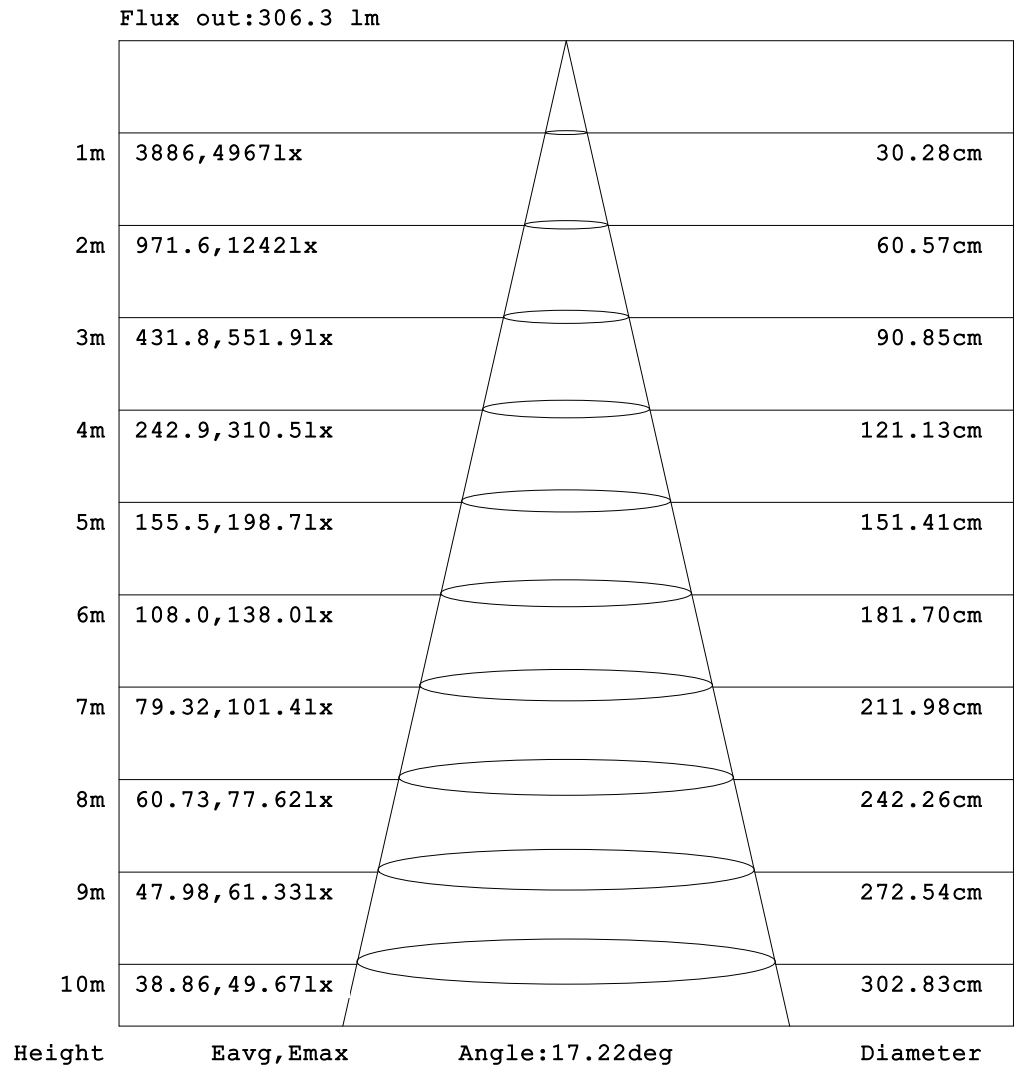


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

AAI Figure

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /



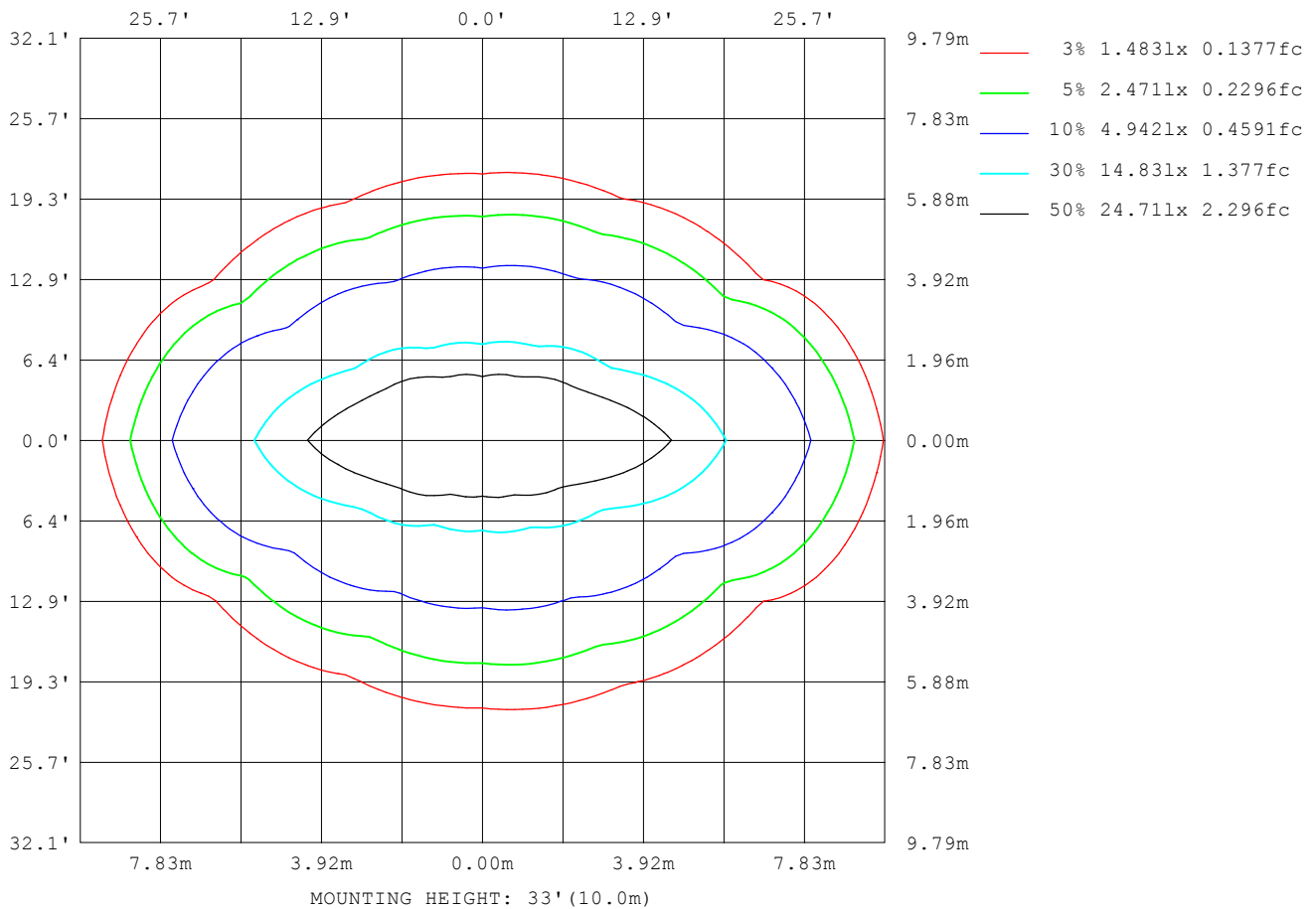
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

ISOLUX DIAGRAM

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

LED Avg.L Report

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /

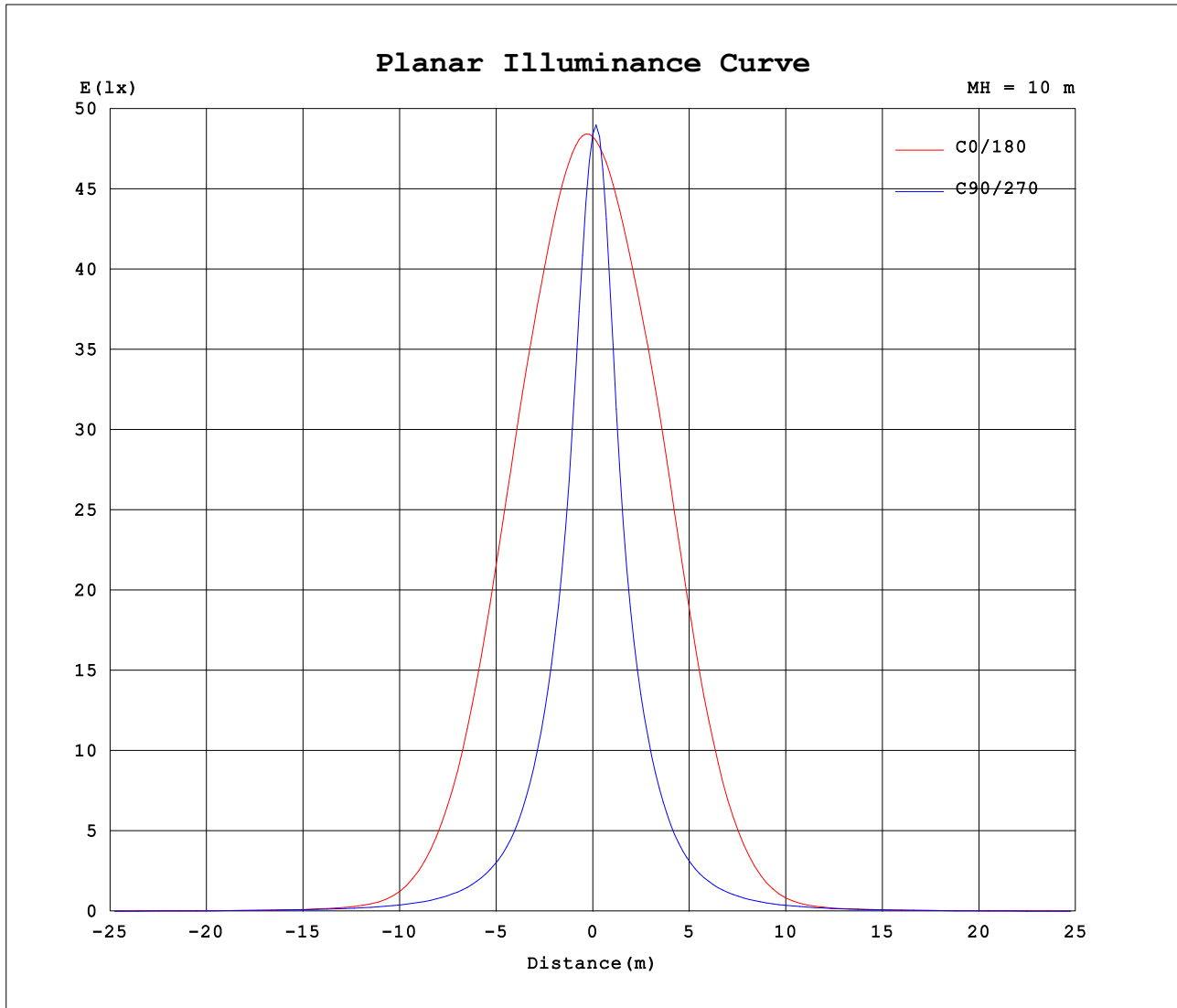
AvgL	cd/m2
L_0~180 (65) av	1330
L_0~180 (75) av	1045
L_0~180 (85) av	456
L_90~270 (65) av	986
L_90~270 (75) av	568
L_90~270 (85) av	160
L_45 (65) av	934
L_45 (75) av	601
L_45 (85) av	176

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: 邓光文
Test Date: 2026-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话: 020-36933476

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:1.0982A P:26.355W PF:1.0000 Freq:49.99Hz Lamp Flux:2052.45x1 lm		
NAME: LED洗墙灯	TYPE: 户外灯具	WEIGHT: /
SPEC.: 1000*38*78MM	DIM.: /	SERIAL No.: C01
MFR.: GZAILITELED	SUR.: 0.072	Shielding Angle: /

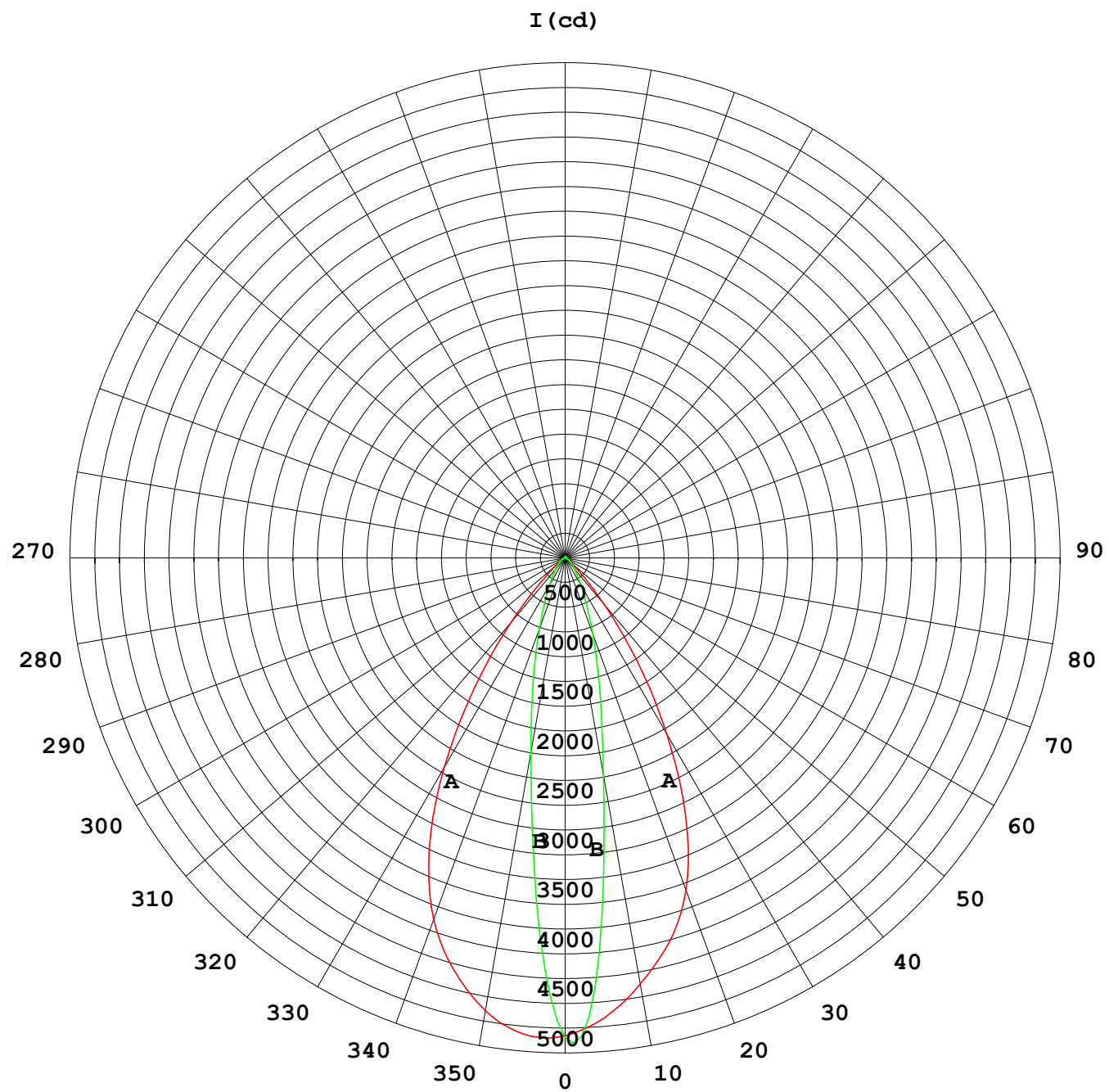
Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	4826	4828	4834	4842	4896	4950	4826	4828	4834	4842	4896	4950						
5	4827	4185	3602	3410	3617	4395	4655	4713	4250	3984	4264	4687						
10	4644	3184	2245	1996	2191	3339	4370	3803	2571	2232	2596	3716						
15	4321	2249	1432	1237	1365	2293	4032	2642	1530	1342	1592	2600						
20	3883	1546	912	762	847	1514	3568	1683	944	823	1005	1697						
25	3251	1027	574	482	520	967	2883	1042	578	506	620	1079						
30	2446	658	374	322	332	606	2053	639	358	322	382	679						
35	1588	409	254	219	224	368	1260	380	230	213	244	415						
40	853	255	177	153	155	221	625	222	153	147	162	249						
45	350	163	128	112	110	132	235	131	106	105	112	152						
50	142	108	94.5	83.8	78.5	81.2	97.9	78.3	74.8	77.4	80.1	94.2						
55	79.2	71.1	68.8	63.2	55.9	55.3	60.5	52.4	52.6	56.2	56.6	60.6						
60	54.6	49.3	48.7	47.1	39.2	40.4	45.0	37.7	36.7	39.4	40.4	42.2						
65	39.9	35.1	33.4	33.2	26.9	29.5	41.0	27.0	24.5	26.8	27.6	29.3						
70	29.7	24.0	21.3	21.3	17.5	21.4	27.4	19.3	15.2	17.2	16.9	19.8						
75	21.0	15.3	11.9	12.0	9.97	14.3	17.9	11.9	8.24	9.18	9.17	12.3						
80	11.8	7.74	5.32	5.13	4.39	6.88	9.32	4.95	3.31	3.54	3.82	5.64						
85	3.70	1.98	1.28	1.30	1.10	1.79	2.02	0.95	0.67	0.70	0.73	1.07						
90	0.15	0.25	0.18	0.16	0.18	0.24	0.15	0.13	0.11	0.09	0.13	0.16						
95	0.18	0.19	0.17	0.12	0.14	0.16	0.20	0.18	0.15	0.14	0.16	0.19						
100	0.25	0.22	0.20	0.17	0.18	0.21	0.29	0.23	0.21	0.21	0.21	0.25						
105	0.36	0.31	0.26	0.23	0.23	0.28	0.47	0.34	0.29	0.26	0.27	0.34						
110	0.58	0.47	0.35	0.31	0.32	0.40	0.80	0.47	0.37	0.35	0.37	0.51						
115	0.96	0.76	0.46	0.41	0.42	0.59	1.31	0.68	0.50	0.46	0.49	0.82						
120	1.53	1.26	0.65	0.55	0.58	0.91	2.03	1.03	0.67	0.61	0.69	1.36						
125	2.28	2.05	0.95	0.75	0.80	1.47	2.94	1.60	0.91	0.83	0.98	2.18						
130	3.23	3.12	1.46	1.06	1.16	2.36	3.98	2.50	1.26	1.13	1.47	3.31						
135	4.29	4.43	2.36	1.55	1.73	3.60	5.12	3.74	1.83	1.64	2.28	4.68						
140	5.40	5.90	3.93	2.39	2.66	5.13	6.26	5.28	2.73	2.45	3.70	6.20						
145	6.50	7.43	6.09	3.84	4.22	6.77	7.41	6.92	4.19	3.82	5.81	7.81						
150	7.59	8.95	8.33	6.31	6.56	8.30	8.52	8.46	6.43	6.10	8.23	9.40						
155	8.70	10.4	10.3	9.24	9.15	9.57	9.66	9.76	9.05	9.09	10.4	10.9						
160	9.89	11.6	11.9	11.6	11.3	10.6	10.8	10.8	11.3	11.6	12.1	12.2						
165	11.1	12.5	13.1	13.2	12.6	11.4	12.0	11.8	12.6	13.3	13.5	13.2						
170	12.4	13.0	13.7	14.0	12.8	12.2	13.0	12.6	13.1	14.3	14.3	13.8						
175	13.3	13.4	13.5	13.7	12.8	13.2	13.8	13.3	13.2	14.3	14.3	14.0						
180	13.9	13.6	13.2	13.6	13.5	13.9	14.0	13.5	13.2	13.5	13.5	13.8						

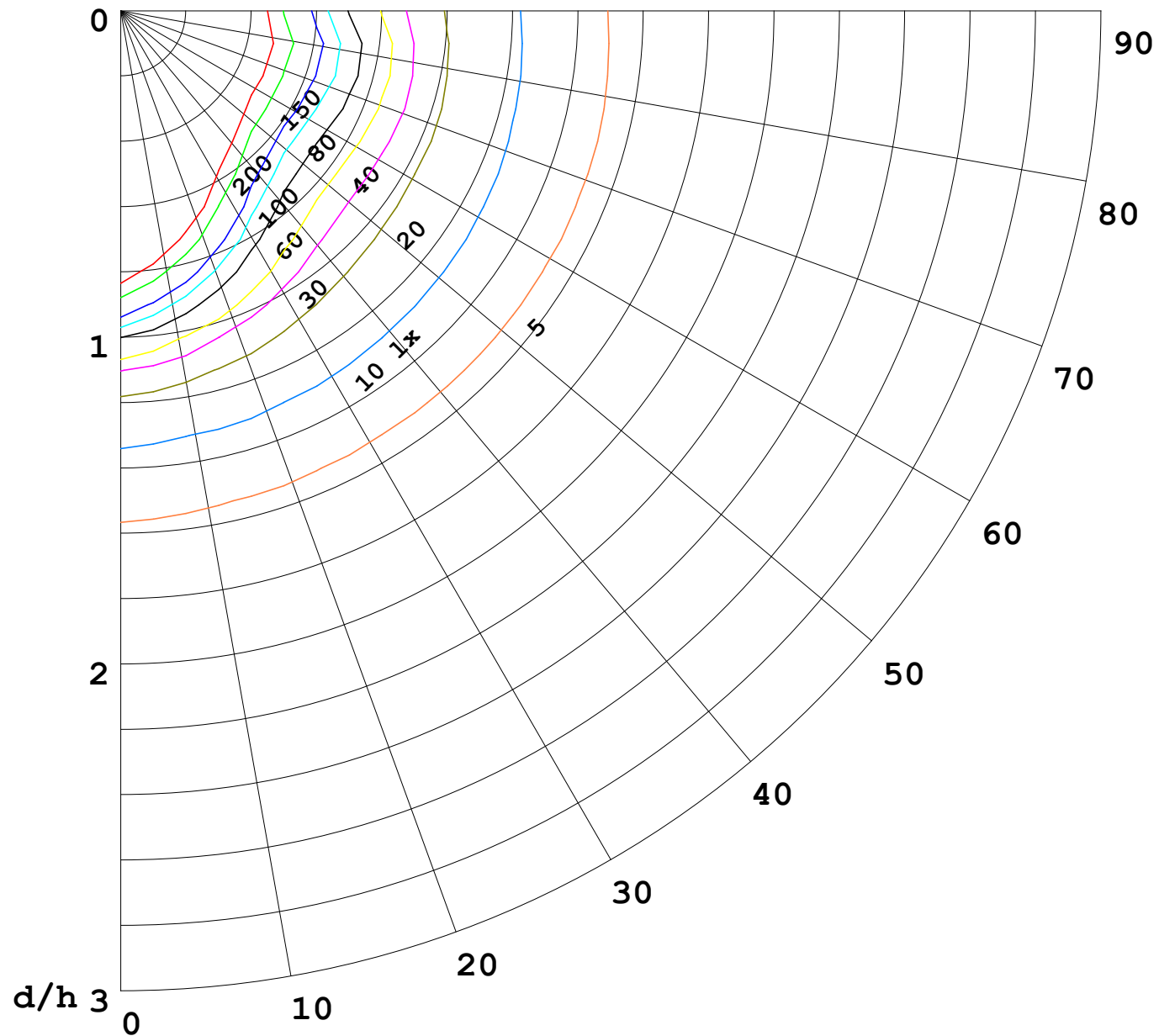
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:邓光文
Test Date:2026-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.440m [K=1.0000]
Remarks: 广州市花都区花城街永昌路21号
联系电话:020-36933476



1000 lm

$\kappa = 1$



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

