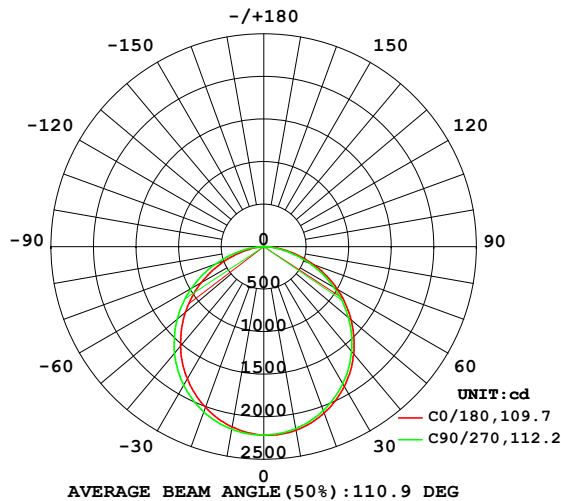


LUMINAIRE PHOTOMETRIC TEST REPORT

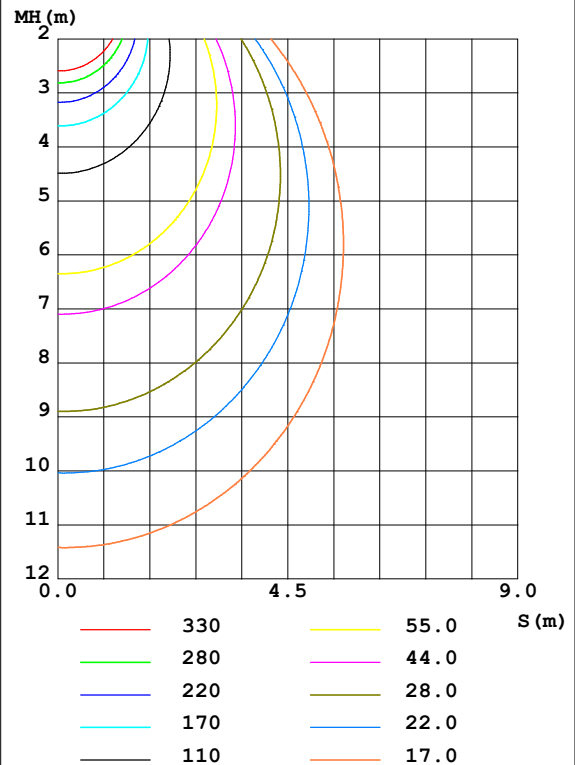
Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.81 lm/W			
MODEL	1X4	I _{max} (cd)	2217	S/MH(C0/180)	1.21
NOMINAL POWER(W)	45W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6181.5	η UP,DN(C0-180)	0.1,50.7
NOMINAL FLUX(lm)	6181.49	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.1
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2026-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 7.540m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

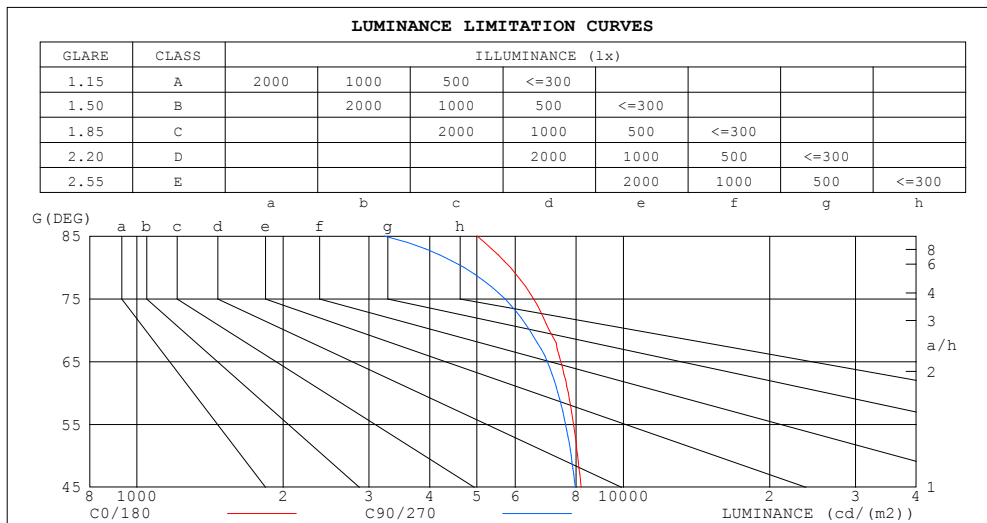
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2190	2186	2170	2164	2152	2160	2178	2180	0- 10	209.4	209.4	3.39,3.39
20	2080	2078	2050	2036	2009	2028	2067	2068	10- 20	598.7	808.1	13.1,13.1
30	1895	1894	1859	1837	1797	1824	1882	1879	20- 30	904.7	1713	27.7,27.7
40	1645	1646	1605	1575	1523	1559	1637	1627	30- 40	1087	2800	45.3,45.3
50	1341	1339	1301	1264	1203	1246	1327	1320	40- 50	1120	3919	63.4,63.4
60	997.6	994.2	949.8	913.8	852.2	892.4	983.0	971.0	50- 60	1003	4922	79.6,79.6
70	623.2	621.1	568.2	543.2	483.2	514.0	606.6	591.2	60- 70	750.1	5672	91.8,91.8
80	263.5	259.9	211.4	196.3	149.0	171.3	241.7	232.8	70- 80	408.0	6081	98.4,98.4
90	7.784	5.015	0.2948	0.2833	0.2543	0.2739	0.3309	1.023	80- 90	93.89	6174	99.9,99.9
100	0.3920	0.4536	0.4548	0.4772	0.4844	0.4775	0.4431	0.4912	90-100	0.4958	6175	99.9,99.9
110	0.6412	0.6864	0.7185	0.7532	0.8235	0.7466	0.6926	0.7381	100-110	0.6208	6176	99.9,99.9
120	0.9293	0.9314	1.016	1.048	1.252	1.052	0.9975	0.9925	110-120	0.8658	6176	99.9,99.9
130	1.239	1.191	1.304	1.346	1.547	1.360	1.264	1.215	120-130	1.048	6177	99.9,99.9
140	1.561	1.475	1.626	1.639	1.889	1.666	1.518	1.486	130-140	1.123	6179	100,100
150	1.956	1.766	1.902	1.903	2.189	1.933	1.876	1.740	140-150	1.100	6180	100,100
160	2.237	2.030	2.130	2.165	2.503	2.170	2.099	2.026	150-160	0.9433	6181	100,100
170	2.300	2.173	2.273	2.341	2.707	2.504	2.244	2.159	160-170	0.6364	6181	100,100
180	2.537	2.379	2.382	2.448	2.540	2.379	2.379	2.445	170-180	0.2268	6181	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5004	3224
80	5861	4703
75	6539	5709
70	7038	6418
65	7440	6981
60	7706	7339
55	7902	7610
50	8056	7817
45	8189	7972

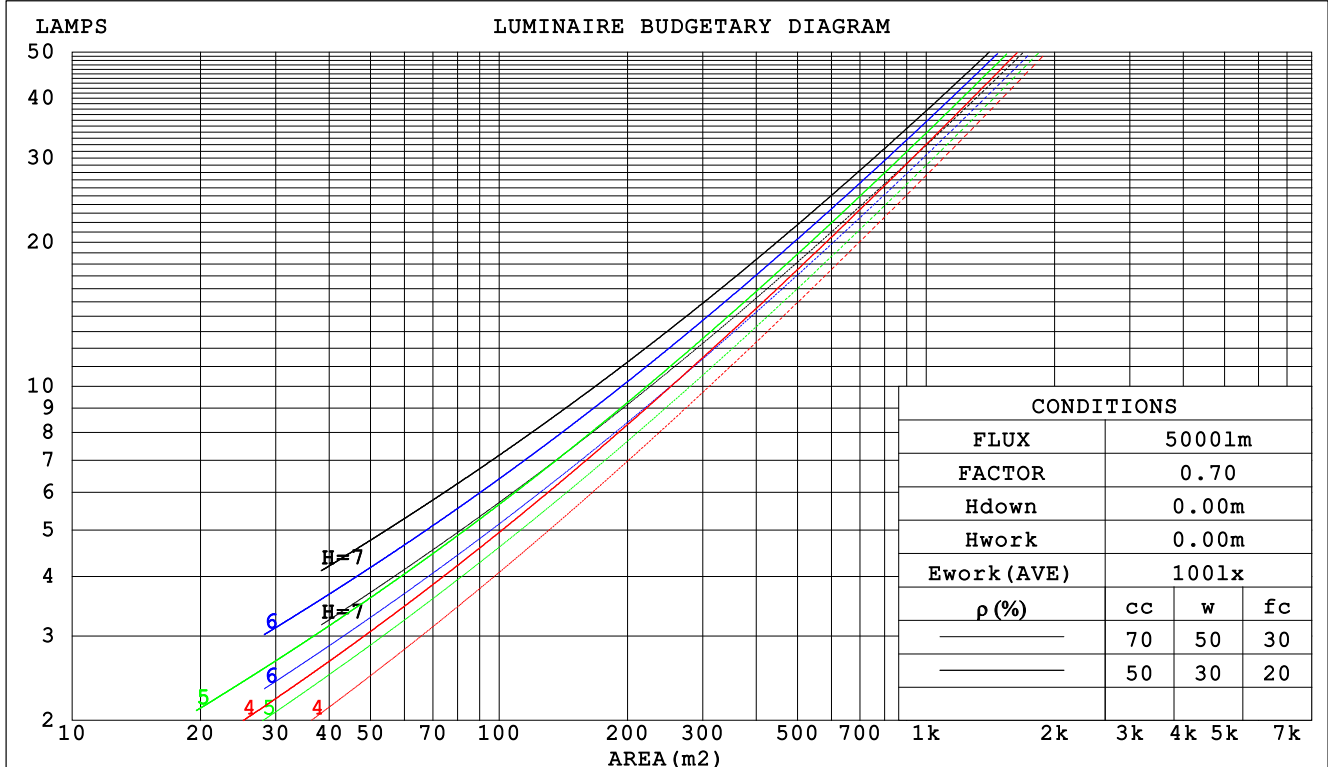
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	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	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.95	.98	.94	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.48	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.47	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.36	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	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	.303	.173	.055	.296	.169	.054	.283	.162	.052	.271	.156	.050	.259	.150	.048		
2.0	.287	.158	.048	.281	.155	.048	.270	.150	.047	.259	.145	.045	.249	.141	.044		
3.0	.267	.142	.043	.261	.140	.042	.251	.136	.041	.241	.132	.041	.233	.129	.040		
4.0	.247	.128	.038	.242	.127	.037	.233	.123	.037	.224	.120	.036	.216	.118	.036		
5.0	.229	.117	.034	.224	.115	.034	.216	.113	.033	.209	.110	.033	.201	.108	.032		
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029		
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027		
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.147	.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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.181	.157	.136	.155	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.076	.141	.099	.066	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.060	.135	.088	.052	.093	.061	.036	.054	.036	.022	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.129	.070	.030	.111	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.123	.065	.026	.106	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.070	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm										
NAME: 净化灯					TYPE:3500K			WEIGHT:		
SPEC.:					DIM.: 4FT			SERIAL No.:		
MFR.: WS					SUR.:0.0825*3.14715			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	20.2	21.7	20.5	21.9	22.1	20.0	21.6	20.3	21.8	22.0
3H	21.8	23.2	22.1	23.4	23.6	21.5	22.9	21.8	23.1	23.4
4H	22.4	23.7	22.7	23.9	24.2	22.0	23.3	22.3	23.6	23.9
6H	22.8	24.0	23.1	24.3	24.6	22.3	23.6	22.7	23.9	24.2
8H	22.9	24.1	23.3	24.4	24.7	22.4	23.6	22.8	23.9	24.2
12H	23.0	24.2	23.4	24.5	24.8	22.5	23.6	22.8	23.9	24.2
4H 2H	20.8	22.1	21.1	22.4	22.7	20.7	22.0	21.0	22.3	22.5
3H	22.5	23.7	22.9	24.0	24.3	22.3	23.5	22.7	23.8	24.1
4H	23.3	24.3	23.7	24.7	25.0	23.0	24.0	23.4	24.4	24.7
6H	23.8	24.8	24.2	25.1	25.5	23.4	24.4	23.8	24.7	25.1
8H	24.0	24.9	24.4	25.3	25.7	23.6	24.4	24.0	24.8	25.2
12H	24.2	25.0	24.6	25.3	25.8	23.6	24.4	24.0	24.8	25.2
8H 4H	23.5	24.4	24.0	24.8	25.2	23.3	24.1	23.7	24.5	24.9
6H	24.2	25.0	24.7	25.4	25.8	23.9	24.6	24.3	25.0	25.4
8H	24.5	25.2	25.0	25.6	26.0	24.1	24.7	24.5	25.1	25.6
12H	24.7	25.3	25.2	25.7	26.2	24.2	24.7	24.7	25.2	25.7
12H 4H	23.5	24.3	24.0	24.7	25.1	23.3	24.1	23.7	24.5	24.9
6H	24.3	24.9	24.8	25.4	25.8	23.9	24.6	24.4	25.0	25.5
8H	24.6	25.2	25.1	25.6	26.1	24.2	24.7	24.6	25.2	25.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 6181 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.3)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	Shielding Angle:

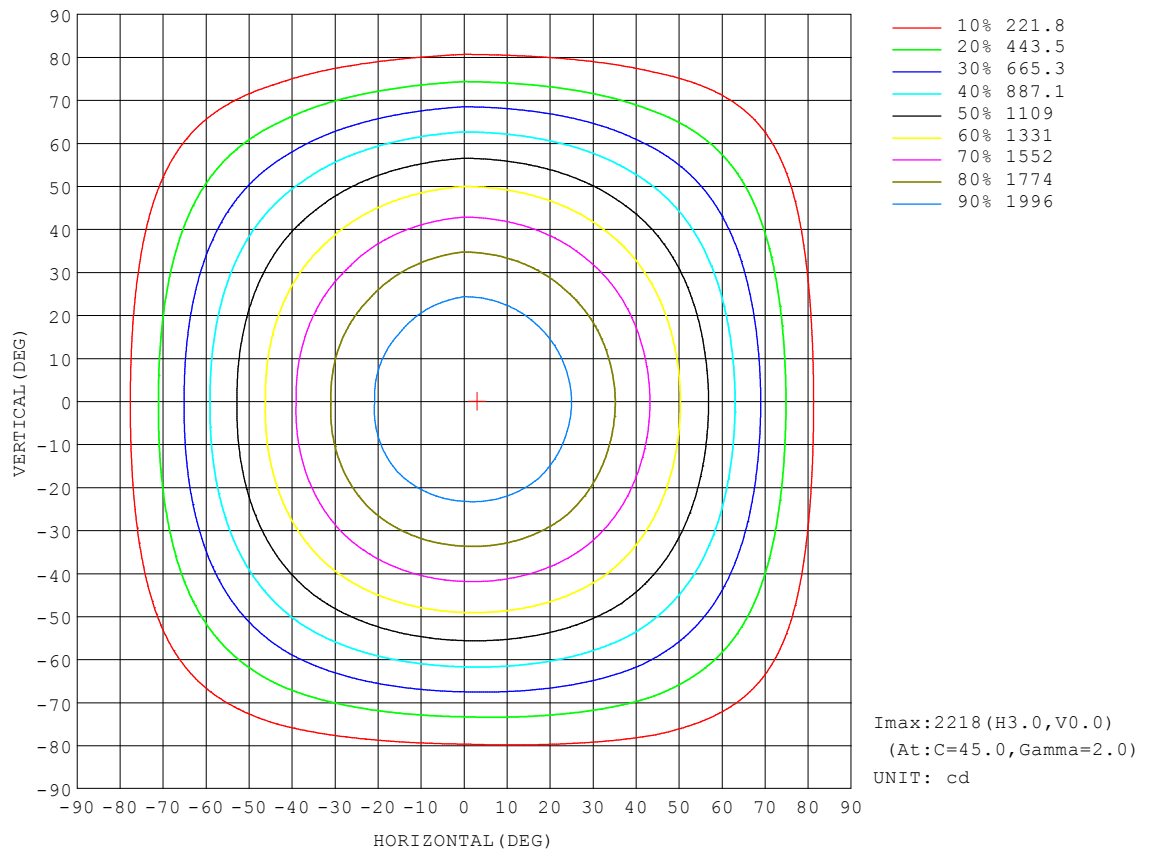
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	49	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	84	73	66	82	72	66	79	71	65	58
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	81	93	86	80	90	83	78	70
2.50	99	92	86	97	90	85	93	87	83	75
3.00	103	96	90	100	94	89	96	91	87	79
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	99	96	86
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	Shielding Angle:

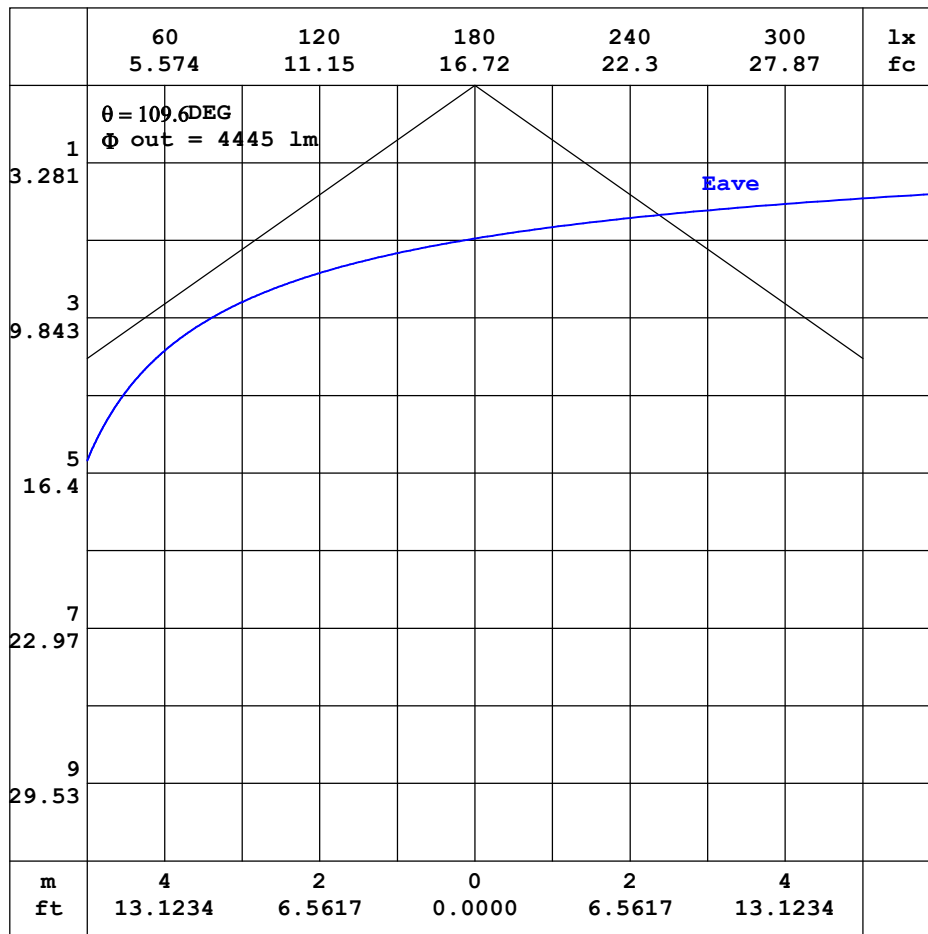


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	Shielding Angle:



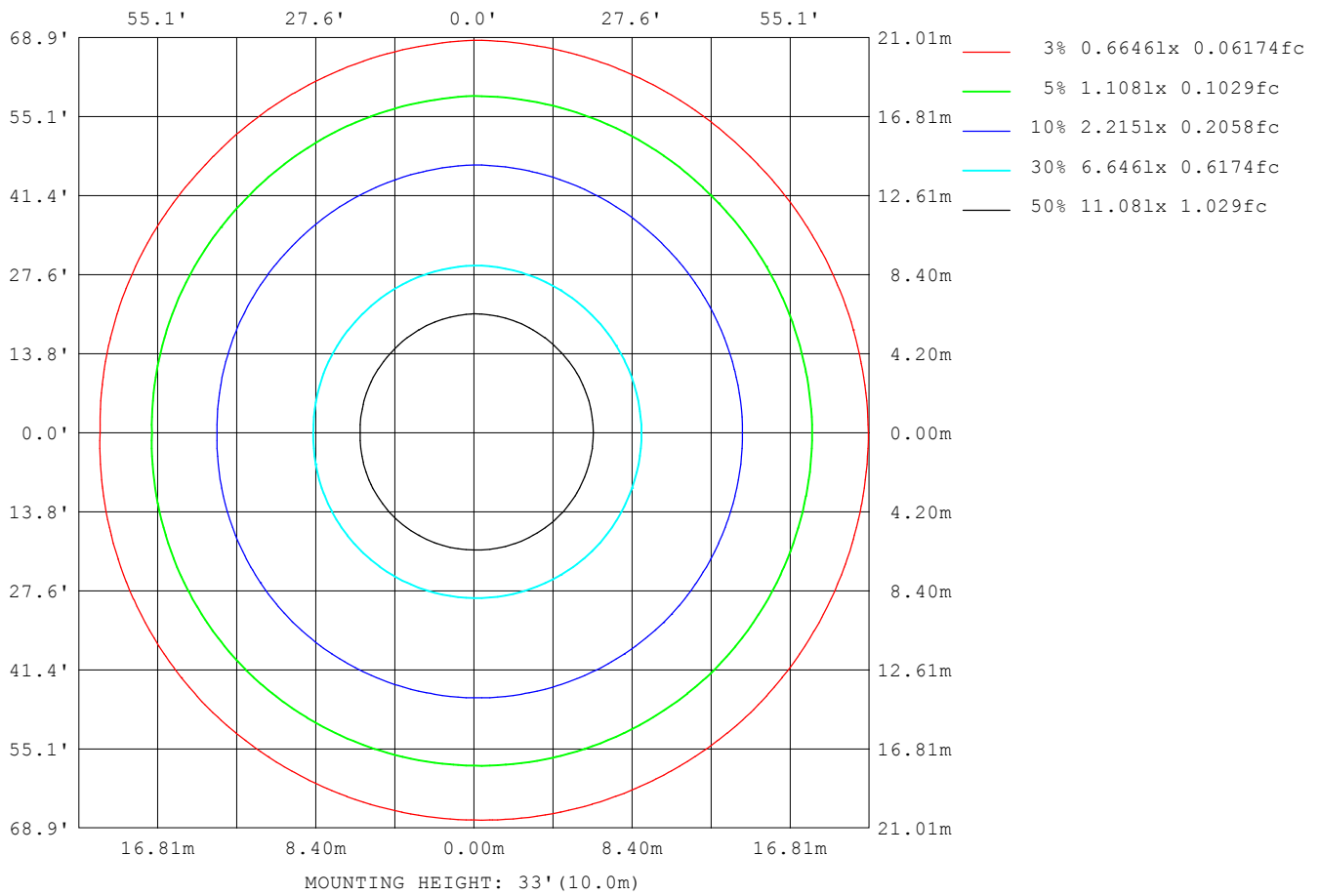
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2026-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:7.540m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm		
NAME: 净化灯	TYPE:3500K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.: WS	SUR.:0.0825*3.14715	Shielding Angle:

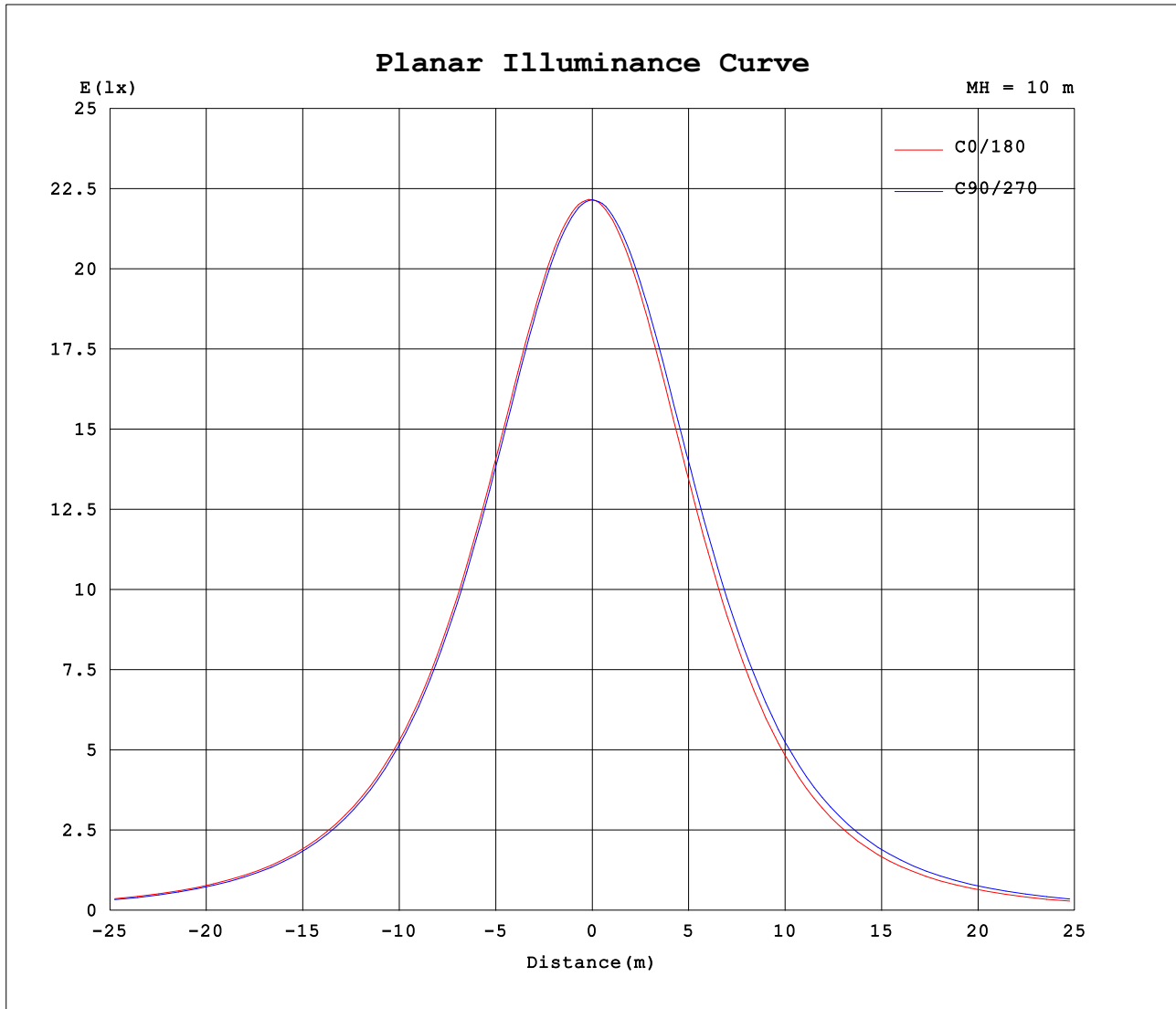
AvgL	cd/m2
L_0~180 (65) av	6771
L_0~180 (75) av	5550
L_0~180 (85) av	3057
L_90~270 (65) av	7135
L_90~270 (75) av	5964
L_90~270 (85) av	3681
L_45 (65) av	6925
L_45 (75) av	5725
L_45 (85) av	3316

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2026-02-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2026-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.353
 Humidity: 65.0%
 Test Distance: 7.540m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.9V I:0.3640A P:43.90W PF:0.9980 Freq:50.00Hz Lamp Flux:6181.49x1 lm								
NAME: 净化灯					TYPE:3500K			WEIGHT:
SPEC.:					DIM.: 4FT			SERIAL No.:
MFR.: WS					SUR.:0.0825*3.14715			Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	2215	2215	2215	2215	2215	2215	2215	2215										
5	2215	2211	2201	2199	2194	2198	2206	2207										
10	2190	2186	2170	2164	2152	2160	2178	2180										
15	2145	2141	2119	2109	2091	2103	2131	2132										
20	2080	2078	2050	2036	2009	2028	2067	2068										
25	1995	1993	1962	1945	1911	1935	1983	1983										
30	1895	1894	1859	1837	1797	1824	1882	1879										
35	1778	1777	1740	1714	1668	1699	1766	1759										
40	1645	1646	1605	1575	1523	1559	1637	1627										
45	1499	1497	1459	1424	1367	1409	1485	1479										
50	1341	1339	1301	1264	1203	1246	1327	1320										
55	1173	1172	1130	1093	1032	1073	1160	1149										
60	998	994	950	914	852	892	983	971										
65	814	810	764	730	668	707	798	786										
70	623	621	568	543	483	514	607	591										
75	438	435	382	362	306	333	417	405										
80	263	260	211	196	149	171	242	233										
85	113	107	72.7	58.4	25.1	45.7	93.4	88.8										
90	7.78	5.01	0.29	0.28	0.25	0.27	0.33	1.02										
95	0.29	0.36	0.35	0.35	0.35	0.35	0.32	0.37										
100	0.39	0.45	0.45	0.48	0.48	0.48	0.44	0.49										
105	0.50	0.56	0.58	0.66	0.63	0.60	0.55	0.61										
110	0.64	0.69	0.72	0.75	0.82	0.75	0.69	0.74										
115	0.78	0.82	0.87	0.91	0.96	0.90	0.85	0.87										
120	0.93	0.93	1.02	1.05	1.25	1.05	1.00	0.99										
125	1.07	1.06	1.15	1.20	1.41	1.20	1.13	1.15										
130	1.24	1.19	1.30	1.35	1.55	1.36	1.26	1.22										
135	1.34	1.31	1.48	1.50	1.73	1.51	1.40	1.35										
140	1.56	1.47	1.63	1.64	1.89	1.67	1.52	1.49										
145	1.81	1.62	1.78	1.77	2.03	1.81	1.64	1.61										
150	1.96	1.77	1.90	1.90	2.19	1.93	1.88	1.74										
155	2.14	1.91	2.03	2.03	2.35	2.04	2.00	1.90										
160	2.24	2.03	2.13	2.16	2.50	2.17	2.10	2.03										
165	2.22	2.13	2.22	2.27	2.63	2.28	2.18	2.10										
170	2.30	2.17	2.27	2.34	2.71	2.50	2.24	2.16										
175	2.32	2.21	2.31	2.43	2.66	2.50	2.41	2.31										
180	2.54	2.38	2.38	2.45	2.54	2.38	2.38	2.45										

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