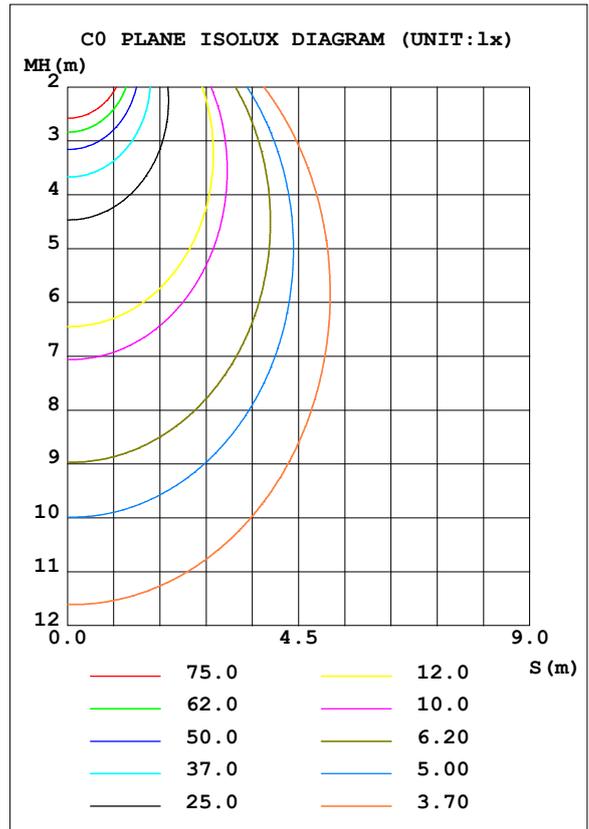
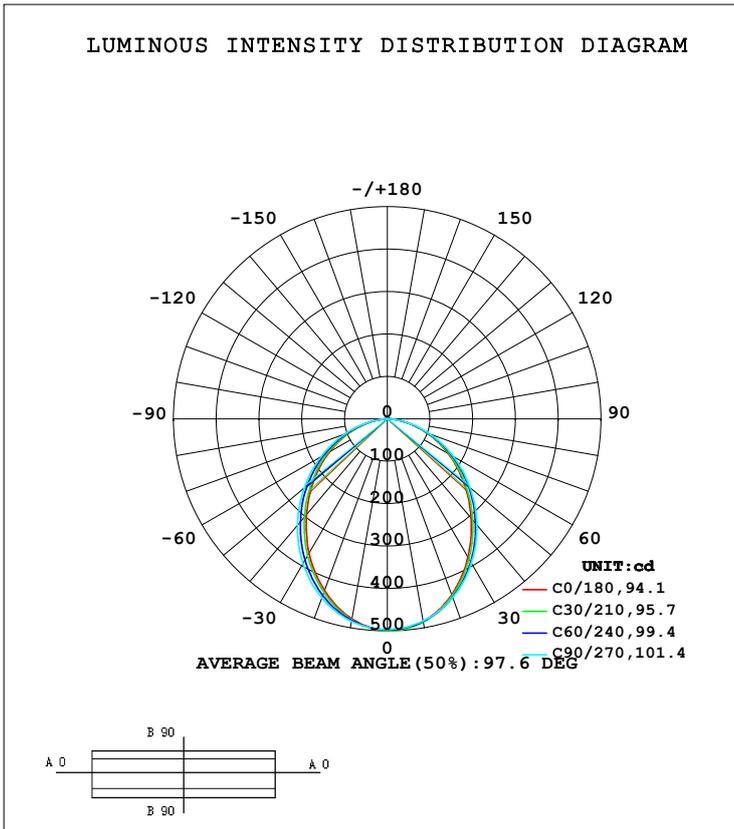


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.89 lm/W			
MODEL		I _{max} (cd)	499.3	S/MH (C0/180)	1.11
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1201.9	η UP, DN (C0-180)	0.0, 50.3
NOMINAL FLUX (lm)	1201.91	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	100.0	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=0.9837]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	484.8	486.3	483.6	480.1	478.5	481.2	484.3	481.6	0- 10	46.70	46.70	3.89,3.89
20	440.9	447.0	447.7	438.7	430.3	438.0	448.7	441.1	10- 20	130.7	177.4	14.8,14.8
30	377.2	387.8	393.2	379.4	366.3	376.7	394.4	381.1	20- 30	190.1	367.5	30.6,30.6
40	305.2	317.9	325.9	310.7	294.0	308.0	327.0	311.3	30- 40	217.3	584.8	48.7,48.7
50	233.5	244.3	253.0	238.3	224.1	235.8	254.1	238.7	40- 50	213.0	797.7	66.4,66.4
60	164.7	172.3	179.0	168.1	157.0	165.5	179.6	167.6	50- 60	182.6	980.4	81.6,81.6
70	99.17	103.3	106.7	100.6	92.86	97.60	106.5	99.13	60- 70	133.1	1113	92.6,92.6
80	38.81	39.59	39.47	38.22	34.01	35.05	38.66	36.41	70- 80	71.88	1185	98.6,98.6
90	1.568	0.9243	0.3504	1.019	1.070	0.4769	0.0945	0.4009	80- 90	16.11	1201	100,100
100	0.7043	0.5668	0.3865	0.5583	0.5153	0.1975	0.1374	0.2406	90-100	0.4441	1202	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0210	1202	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1202	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1202	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1202	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1202	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1202	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1202	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1202	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 693.56 lm

%lum = 57.7%

%lamp = 57.7%

Conical surface Flux(120deg): 980.35 lm

%lum = 81.6%

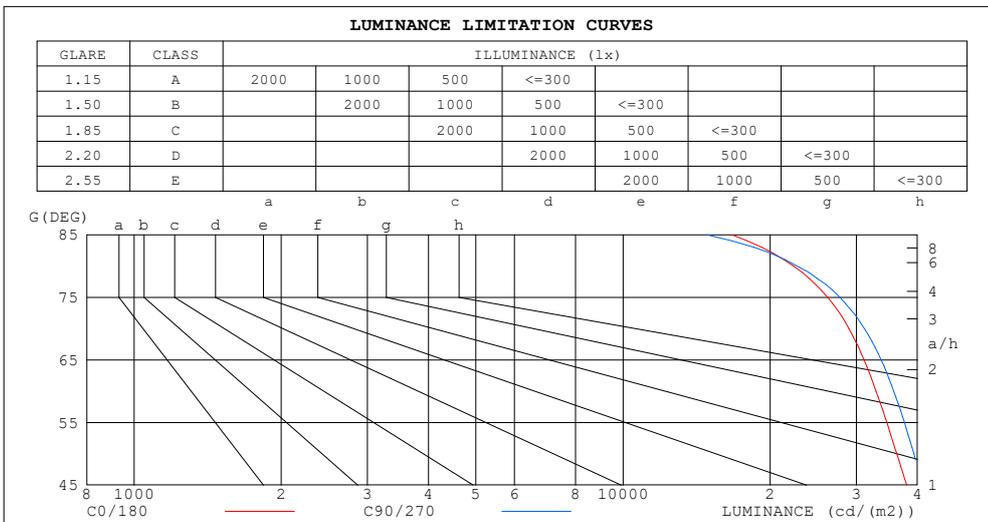
%lamp = 81.6%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=0.9837]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	16721	14863
80	22349	22729
75	26212	27778
70	28997	31189
65	31135	33722
60	32936	35799
55	34644	37649
50	36332	39352
45	38076	40990

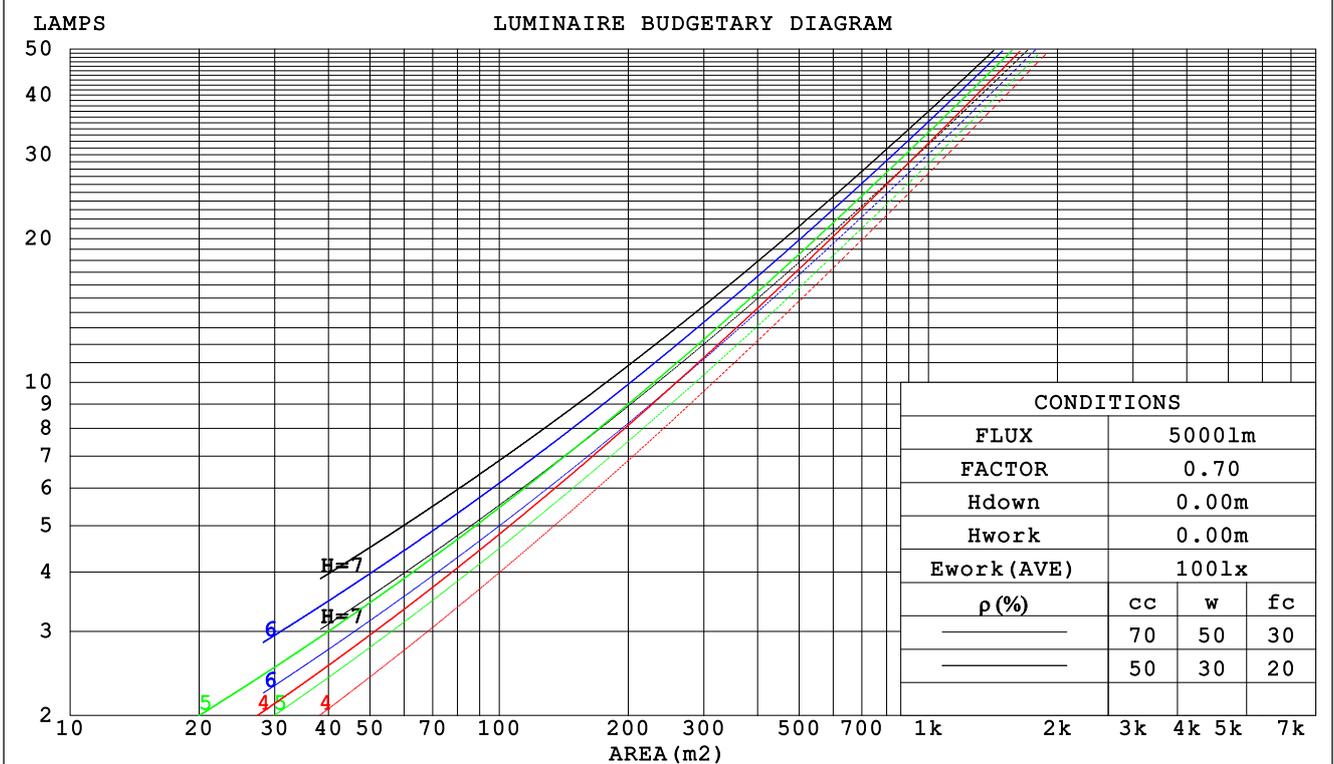
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	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	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.77	.74	.71
3.0	.81	.73	.67	.80	.72	.66	.77	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.54	.52
5.0	.65	.56	.50	.64	.55	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.58	.50	.44	.58	.49	.43	.56	.48	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.38	.51	.44	.38	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.35	.47	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.41	.34	.28	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz		
Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.293	.166	.053	.286	.163	.052	.272	.156	.050	.260	.150	.048	.249	.144	.047	
2.0	.278	.152	.047	.272	.150	.046	.260	.145	.045	.250	.140	.044	.240	.136	.043	
3.0	.259	.138	.041	.253	.136	.041	.243	.132	.040	.234	.128	.039	.225	.125	.039	
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.223	.113	.033	.218	.112	.033	.210	.110	.032	.203	.107	.032	.196	.105	.031	
6.0	.207	.104	.030	.203	.103	.030	.196	.101	.029	.189	.098	.029	.183	.096	.029	
7.0	.193	.096	.027	.190	.095	.027	.183	.093	.027	.177	.091	.026	.172	.089	.026	
8.0	.181	.088	.025	.178	.088	.025	.172	.086	.025	.167	.084	.024	.162	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.023	.153	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.148	.074	.021	.144	.073	.021	

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.179	.157	.136	.154	.134	.117	.105	.092	.081	.060	.054	.047	.019	.017	.015	
2.0	.171	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.012	
3.0	.163	.115	.076	.139	.099	.066	.096	.069	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.060	.133	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.091	.049	.127	.078	.042	.087	.055	.030	.051	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.030	.079	.046	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.030	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.105	.056	.023	.072	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz										
Lamp Flux:1201.91x1 lm										
NAME: 68850			TYPE:				WEIGHT:			
SPEC.:			DIM.:				SERIAL No.: 2026010901			
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	25.0	26.5	25.3	26.7	26.9	25.4	26.9	25.7	27.1	27.3
3H	26.4	27.7	26.7	28.0	28.2	26.8	28.2	27.1	28.4	28.6
4H	26.9	28.2	27.2	28.4	28.7	27.3	28.6	27.6	28.9	29.1
6H	27.2	28.5	27.6	28.7	29.0	27.7	28.9	28.0	29.1	29.4
8H	27.3	28.5	27.7	28.8	29.1	27.7	28.9	28.1	29.2	29.5
12H	27.4	28.5	27.7	28.8	29.1	27.7	28.9	28.1	29.2	29.5
4H 2H	25.6	26.9	25.9	27.2	27.4	25.9	27.2	26.2	27.5	27.7
3H	27.2	28.3	27.5	28.6	28.9	27.5	28.6	27.9	28.9	29.2
4H	27.8	28.8	28.2	29.1	29.5	28.1	29.2	28.5	29.5	29.8
6H	28.3	29.2	28.7	29.5	29.9	28.6	29.5	29.0	29.8	30.2
8H	28.4	29.2	28.8	29.6	30.0	28.7	29.6	29.1	29.9	30.3
12H	28.5	29.2	28.9	29.6	30.0	28.8	29.5	29.2	29.9	30.3
8H 4H	28.0	28.9	28.4	29.2	29.6	28.3	29.2	28.8	29.6	29.9
6H	28.6	29.3	29.1	29.7	30.2	28.9	29.6	29.4	30.0	30.4
8H	28.8	29.4	29.3	29.9	30.3	29.1	29.7	29.6	30.1	30.6
12H	29.0	29.5	29.4	29.9	30.4	29.2	29.7	29.7	30.2	30.7
12H 4H	28.0	28.8	28.5	29.2	29.6	28.3	29.1	28.8	29.5	29.9
6H	28.7	29.3	29.1	29.7	30.2	28.9	29.6	29.4	30.0	30.4
8H	28.9	29.4	29.4	29.9	30.4	29.2	29.7	29.6	30.1	30.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 1202 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.6)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:

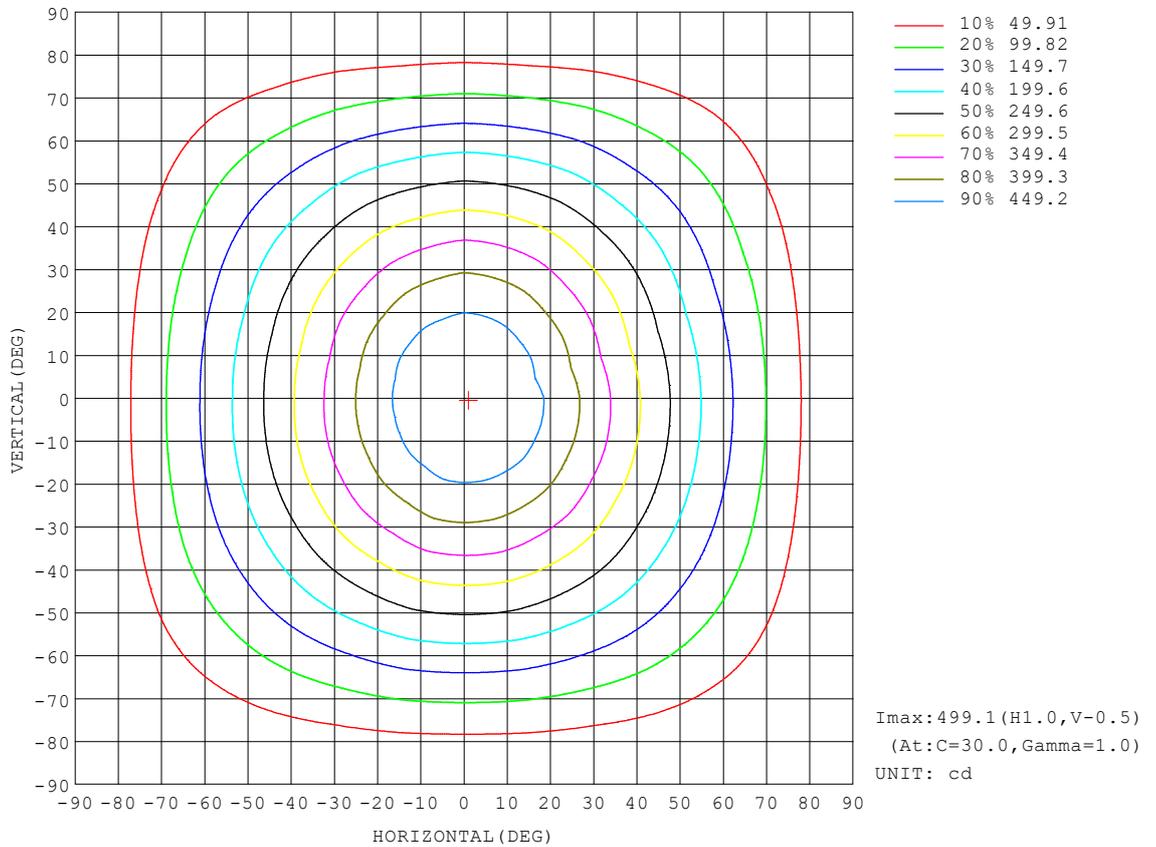
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	42	35
0.80	70	59	52	69	58	51	67	57	51	44
1.00	78	67	60	77	67	60	75	68	60	53
1.25	85	75	68	84	74	68	81	73	67	60
1.50	90	80	74	88	80	73	85	78	72	65
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	97	105	100	96	101	97	93	85
5.00	109	105	101	107	103	99	103	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:

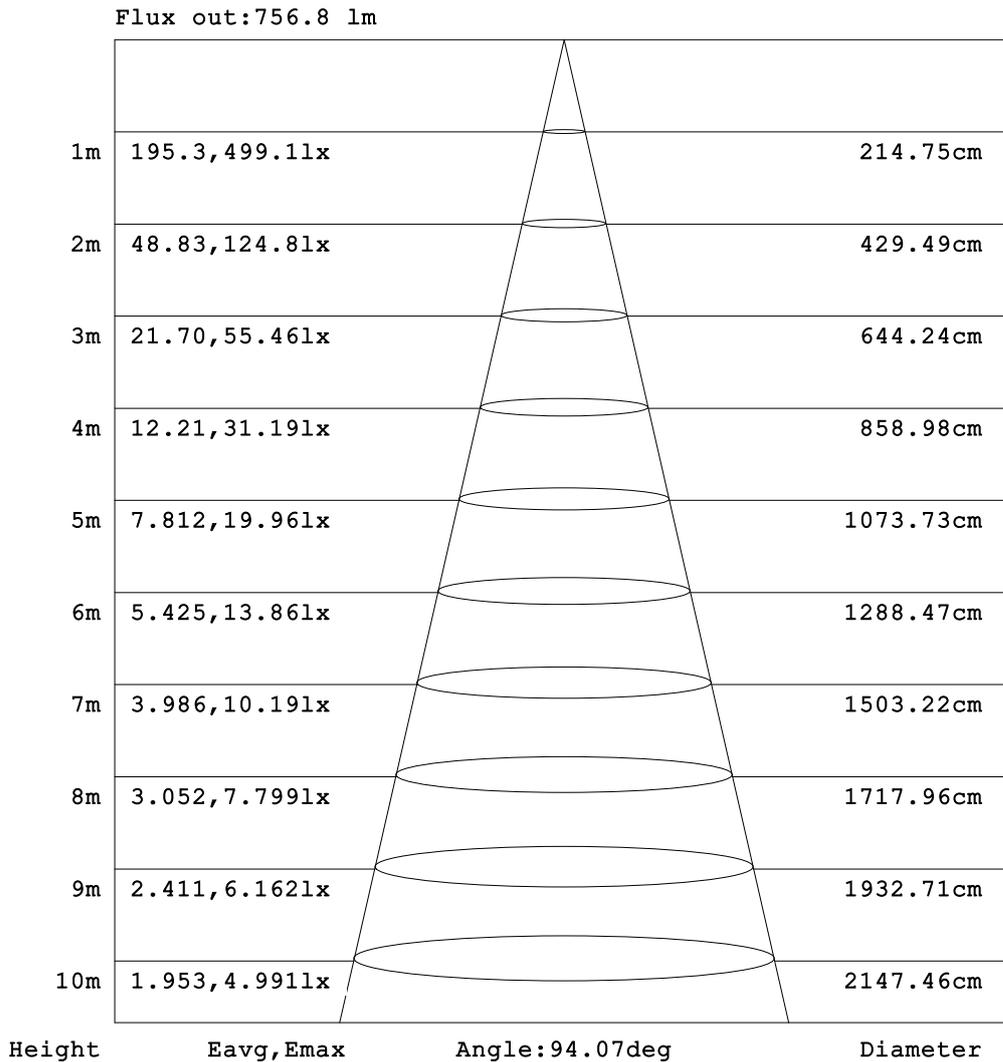


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=0.9837]
 Remarks:

AAI Figure

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91lx1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:



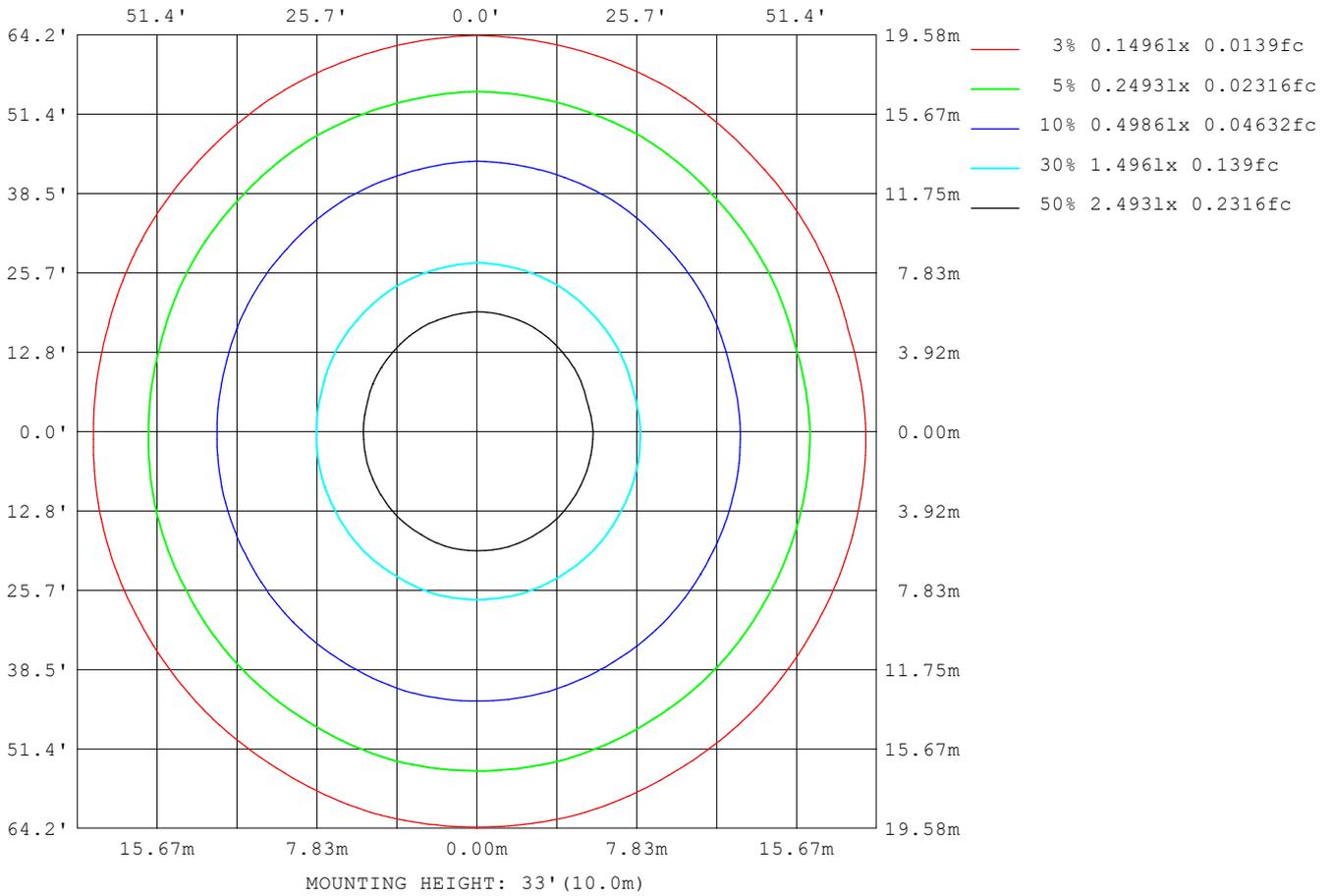
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-01-09

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=0.9837]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:

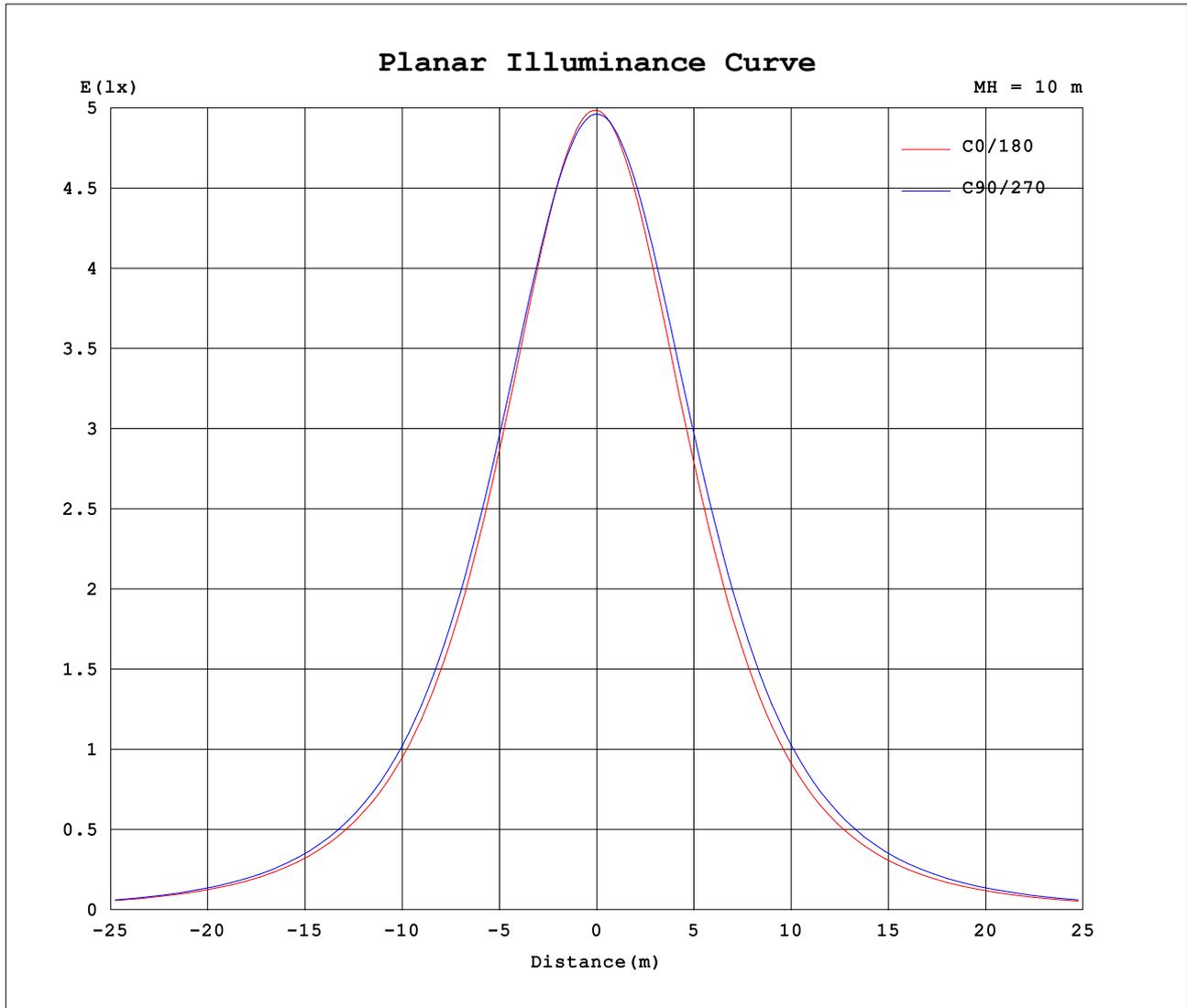
AvgL	cd/m2
L_0~180 (65) av	30315
L_0~180 (75) av	25131
L_0~180 (85) av	14885
L_90~270 (65) av	33764
L_90~270 (75) av	27675
L_90~270 (85) av	14351
L_45 (65) av	31646
L_45 (75) av	26082
L_45 (85) av	14563

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=0.9837]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=0.9837]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	499	498	499	499	497	495	496	496	495	495	495	494	499	498	499	499	497	495	496
5	496	496	497	496	494	493	493	493	491	491	490	489	493	492	494	493	493	492	493
10	485	485	486	486	485	483	484	483	480	480	478	477	478	478	481	481	482	482	484
15	466	467	468	470	469	468	468	467	463	462	459	457	457	457	461	462	465	466	469
20	441	442	444	447	447	448	448	447	441	439	434	431	430	430	435	438	443	444	449
25	411	413	415	419	420	423	422	421	414	411	404	401	400	399	405	409	416	419	423
30	377	380	382	388	390	393	393	392	383	379	373	369	366	366	373	377	385	388	394
35	342	345	347	354	356	361	361	360	350	346	338	334	330	330	338	343	351	356	362
40	305	308	311	318	321	326	326	325	315	311	302	298	294	294	302	308	316	321	327
45	269	271	274	281	285	290	290	288	280	274	266	262	259	259	266	272	281	286	291
50	234	236	238	244	248	253	253	252	244	238	231	228	224	224	231	236	245	249	254
55	199	200	203	208	211	216	216	215	208	203	197	194	190	190	196	200	208	211	217
60	165	166	168	172	175	179	179	178	172	168	163	161	157	157	162	166	172	176	180
65	132	133	134	138	139	143	143	142	137	134	130	128	125	124	128	131	137	139	143
70	99.2	100	101	103	104	107	107	106	102	101	97.5	96.4	92.9	92.5	95.7	97.6	102	104	106
75	67.8	68.6	68.6	70.2	70.5	72.3	71.9	72.0	69.2	68.3	66.2	65.8	62.2	61.3	64.2	64.6	68.3	68.7	71.4
80	38.8	39.1	38.7	39.6	39.1	40.1	39.5	39.8	38.2	38.2	37.1	37.3	34.0	33.0	34.9	35.1	37.0	36.7	38.7
85	14.6	14.7	14.0	14.2	13.4	13.6	13.0	13.4	12.9	13.5	13.1	13.8	11.4	10.7	11.5	11.2	11.8	11.3	12.1
90	1.57	1.39	1.15	0.92	0.67	0.47	0.35	0.51	0.76	1.02	1.27	1.45	1.07	0.78	0.64	0.48	0.23	0.13	0.09
95	0.72	0.57	0.58	0.55	0.49	0.42	0.31	0.41	0.53	0.56	0.63	0.63	0.52	0.27	0.25	0.20	0.16	0.10	0.12
100	0.70	0.60	0.58	0.57	0.52	0.42	0.39	0.41	0.55	0.56	0.63	0.63	0.52	0.28	0.27	0.20	0.19	0.14	0.14
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.760A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:1201.91x1 lm		
NAME: 68850	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2026010901
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	496	495	495	495	494														
5	493	492	492	492	490														
10	483	483	482	481	478														
15	468	467	464	463	459														
20	448	446	441	439	434														
25	422	419	413	410	403														
30	392	389	381	377	370														
35	359	356	347	342	334														
40	324	320	311	306	299														
45	288	284	275	270	263														
50	251	248	239	234	228														
55	213	211	203	199	193														
60	177	175	168	165	160														
65	140	139	133	131	126														
70	105	104	99.1	97.7	94.2														
75	69.4	69.5	66.9	65.9	63.1														
80	37.2	38.0	36.4	36.2	34.5														
85	11.7	12.4	11.9	12.3	11.5														
90	0.14	0.18	0.40	0.51	0.65														
95	0.13	0.15	0.21	0.25	0.28														
100	0.14	0.15	0.24	0.27	0.28														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2026-01-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=0.9837]
 Remarks: