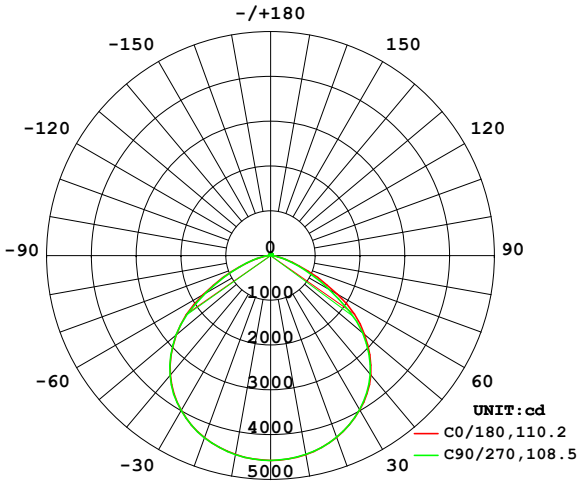
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

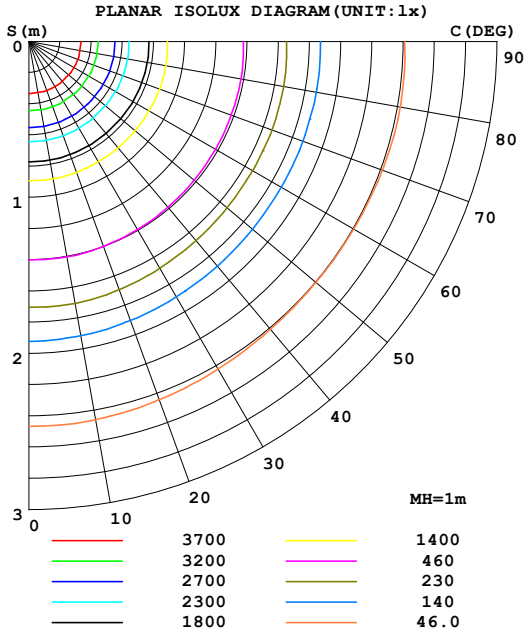
DATA OF LAMP		PHOTOMETRIC DATA Eff: 173.95 lm/W			
MODEL		Imax(cd)	4574	S/MH(C0/180)	1.30
NOMINAL POWER(W)	70	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	12264	η UP,DN(C0-180)	1.1,48.2
NOMINAL FLUX(lm)	12263.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.7
LAMPS INSIDE	1	η up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	97.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):109.3 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [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	4513	4514	4507	4501	4511	4512	4515	4524	0- 10	433.6	433.6	3.54,3.54
20	4319	4318	4313	4299	4324	4323	4328	4342	10- 20	1252	1686	13.7,13.7
30	3981	3979	3973	3949	3991	3995	4000	4025	20- 30	1923	3609	29.4,29.4
40	3485	3467	3460	3425	3489	3486	3497	3544	30- 40	2351	5960	48.6,48.6
50	2736	2703	2678	2662	2756	2749	2767	2821	40- 50	2412	8371	68.3,68.3
60	1722	1544	1508	1562	1737	1654	1667	1814	50- 60	1987	10358	84.5,84.5
70	689.2	628.6	631.0	618.9	738.5	707.8	732.5	781.4	60- 70	1121	11479	93.6,93.6
80	168.3	172.9	169.1	154.9	194.1	211.4	215.7	219.8	70- 80	429.1	11908	97.1,97.1
90	27.44	27.26	27.20	27.56	27.64	27.76	27.84	28.11	80- 90	97.82	12006	97.9,97.9
100	31.52	31.31	31.27	31.69	31.18	31.09	31.05	30.96	90-100	31.92	12038	98.2,98.2
110	36.36	36.08	36.07	36.42	35.52	35.37	35.40	35.24	100-110	35.44	12073	98.4,98.4
120	40.93	40.65	40.77	40.84	39.74	39.62	39.85	39.44	110-120	37.72	12111	98.8,98.8
130	44.68	44.52	44.84	44.52	43.66	43.58	44.14	43.44	120-130	37.84	12149	99.1,99.1
140	47.88	48.24	48.50	47.91	47.57	47.55	48.32	47.62	130-140	35.63	12184	99.4,99.4
150	51.87	52.28	52.44	51.84	52.26	51.87	52.58	52.18	140-150	31.34	12216	99.6,99.6
160	57.12	57.25	57.31	56.88	57.87	57.04	57.46	57.48	150-160	25.22	12241	99.8,99.8
170	62.41	61.91	61.75	61.65	63.05	61.82	61.87	62.11	160-170	16.87	12258	100,100
180	65.38	64.12	64.02	64.13	65.38	64.09	64.01	64.11	170-180	6.019	12264	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7185.7 lm

%lum = 58.6%
%lamp = 58.6%

Conical surface Flux(130deg): 11026 lm

%lum = 89.9%
%lamp = 89.9%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

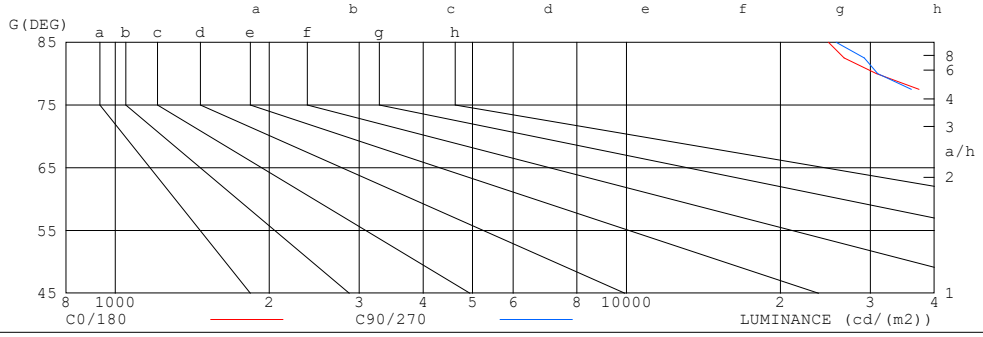
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz **UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm**		
NAME: SS-PT01-150/120/100/80/70W	**TYPE:**	**WEIGHT:**
SPEC.: 100~277V	**DIM.: 0.36**	**SERIAL No.:**
MFR.:	**SUR.: 0.2**	**Shielding Angle:**

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	24854	25701
80	30812	31020
75	45006	42897
70	64072	58770
65	87544	76529
60	109512	96094
55	126892	117722
50	135340	132686
45	141066	139979

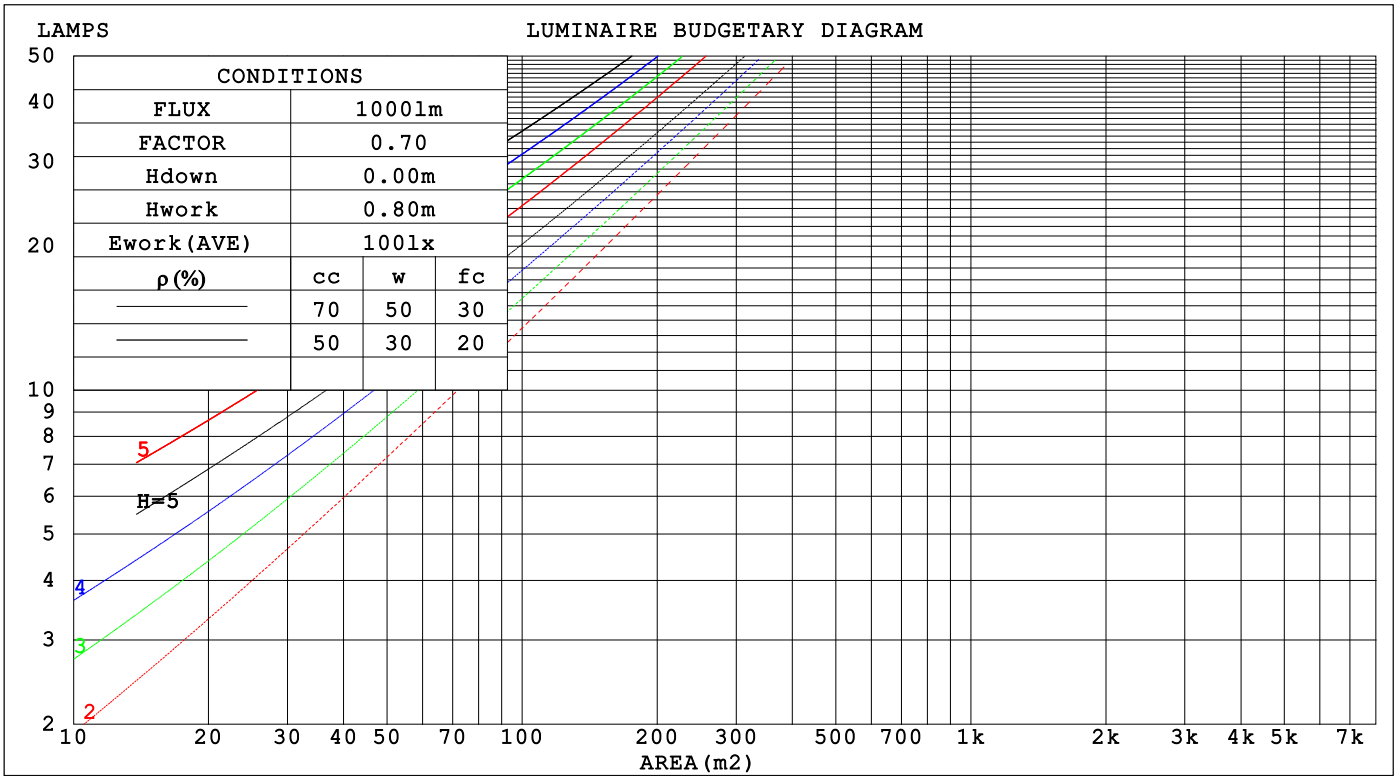
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.90	.88	.87	.84
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.83	.79	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.80	.73	.68	.77	.71	.66	.74	.69	.65	.71	.67	.64	.61
4.0	.73	.65	.59	.72	.64	.58	.69	.62	.57	.66	.61	.56	.64	.59	.55	.53
5.0	.66	.57	.51	.64	.56	.50	.62	.55	.50	.60	.54	.49	.58	.52	.48	.46
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.54	.48	.43	.52	.47	.42	.40
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.41	.34	.29	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	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 Coeffcients(WEC)									
0.0																
1.0	.274	.156	.049	.266	.152	.048	.252	.144	.046	.239	.138	.044	.227	.131	.042	
2.0	.264	.145	.044	.257	.142	.044	.245	.136	.042	.233	.131	.041	.223	.126	.040	
3.0	.249	.132	.040	.243	.130	.039	.232	.126	.038	.222	.121	.037	.212	.117	.036	
4.0	.233	.121	.036	.228	.119	.035	.218	.115	.034	.209	.112	.034	.200	.109	.033	
5.0	.218	.111	.032	.213	.109	.032	.204	.106	.031	.196	.103	.031	.188	.101	.030	
6.0	.204	.102	.029	.199	.101	.029	.191	.098	.029	.184	.096	.028	.177	.093	.028	
7.0	.191	.094	.027	.187	.093	.027	.180	.091	.026	.173	.089	.026	.167	.087	.025	
8.0	.179	.087	.025	.176	.086	.024	.169	.085	.024	.163	.083	.024	.158	.081	.024	
9.0	.168	.082	.023	.165	.081	.023	.160	.079	.022	.154	.077	.022	.149	.076	.022	
10.0	.159	.076	.021	.156	.075	.021	.151	.074	.021	.146	.072	.021	.141	.071	.020	

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	.207	.207	.207	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.194	.173	.153	.166	.148	.132	.114	.102	.091	.065	.059	.053	.021	.019	.017	
2.0	.185	.148	.118	.158	.128	.102	.108	.088	.071	.063	.051	.042	.020	.017	.014	
3.0	.177	.131	.094	.152	.113	.081	.104	.078	.057	.060	.046	.034	.019	.015	.011	
4.0	.169	.117	.077	.145	.101	.067	.100	.070	.047	.058	.041	.028	.019	.013	.009	
5.0	.162	.107	.066	.139	.092	.057	.096	.064	.040	.056	.038	.024	.018	.012	.008	
6.0	.155	.098	.057	.134	.085	.050	.092	.060	.035	.053	.035	.021	.017	.011	.007	
7.0	.149	.091	.051	.128	.079	.044	.089	.055	.031	.051	.033	.019	.017	.011	.006	
8.0	.143	.086	.046	.123	.074	.040	.085	.052	.029	.049	.031	.017	.016	.010	.006	
9.0	.137	.081	.042	.118	.070	.037	.082	.049	.026	.048	.029	.016	.015	.010	.005	
10.0	.132	.076	.040	.113	.066	.035	.079	.047	.025	.046	.028	.015	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	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	29.3	30.8	29.6	31.0	31.2	29.0	30.5	29.3	30.7	30.9
3H	30.0	31.3	30.3	31.5	31.8	29.6	30.9	29.9	31.2	31.4
4H	30.1	31.3	30.4	31.6	31.9	29.7	31.0	30.1	31.2	31.5
6H	30.1	31.2	30.5	31.6	31.9	29.7	30.9	30.1	31.2	31.5
8H	30.1	31.2	30.4	31.5	31.8	29.7	30.8	30.1	31.2	31.5
12H	30.0	31.1	30.4	31.4	31.8	29.7	30.8	30.1	31.1	31.4
4H 2H	29.6	30.8	29.9	31.1	31.4	29.3	30.6	29.7	30.8	31.1
3H	30.3	31.4	30.7	31.7	32.1	30.0	31.1	30.4	31.4	31.8
4H	30.5	31.5	30.9	31.8	32.2	30.2	31.2	30.6	31.5	31.9
6H	30.6	31.4	31.0	31.8	32.2	30.3	31.1	30.7	31.5	31.9
8H	30.6	31.4	31.0	31.8	32.2	30.3	31.1	30.7	31.5	31.9
12H	30.6	31.3	31.0	31.7	32.2	30.3	31.0	30.8	31.4	31.9
8H 4H	30.5	31.3	30.9	31.7	32.1	30.2	31.0	30.7	31.4	31.8
6H	30.6	31.3	31.1	31.7	32.2	30.4	31.0	30.8	31.4	31.9
8H	30.7	31.2	31.2	31.7	32.2	30.4	31.0	30.9	31.4	31.9
12H	30.7	31.2	31.2	31.6	32.2	30.4	30.9	30.9	31.4	31.9
12H 4H	30.5	31.2	30.9	31.6	32.1	30.2	30.9	30.6	31.3	31.8
6H	30.6	31.2	31.1	31.6	32.1	30.3	30.9	30.8	31.4	31.9
8H	30.7	31.1	31.2	31.6	32.1	30.4	30.9	30.9	31.4	31.9

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.3 / - 0.4	+ 0.4 / - 0.5
1.5H	+ 0.3 / - 0.6	+ 0.3 / - 0.7
2.0H	+ 0.8 / - 1.1	+ 0.9 / - 1.1

CIE Pub.117, 12264 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 8.7)
Area: 0.0314 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

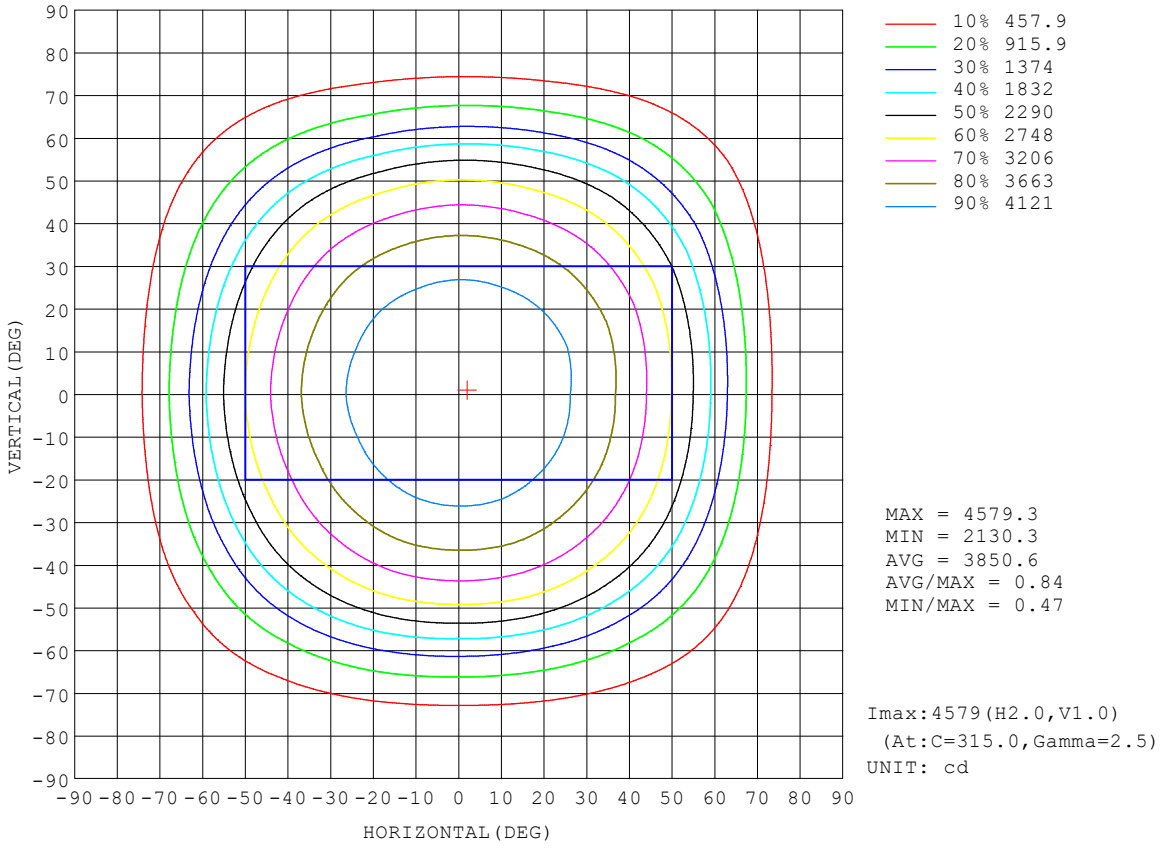
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	70	59	52	69	58	51	67	57	51	44
1.00	78	68	61	77	67	61	75	68	60	53
1.25	86	76	69	84	75	69	81	74	68	61
1.50	90	81	75	89	80	74	86	79	73	66
2.00	97	89	83	95	88	83	92	86	81	73
2.50	101	94	88	98	92	87	94	89	85	77
3.00	104	97	92	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	100	97	93	84
5.00	109	105	101	107	103	100	102	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: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:



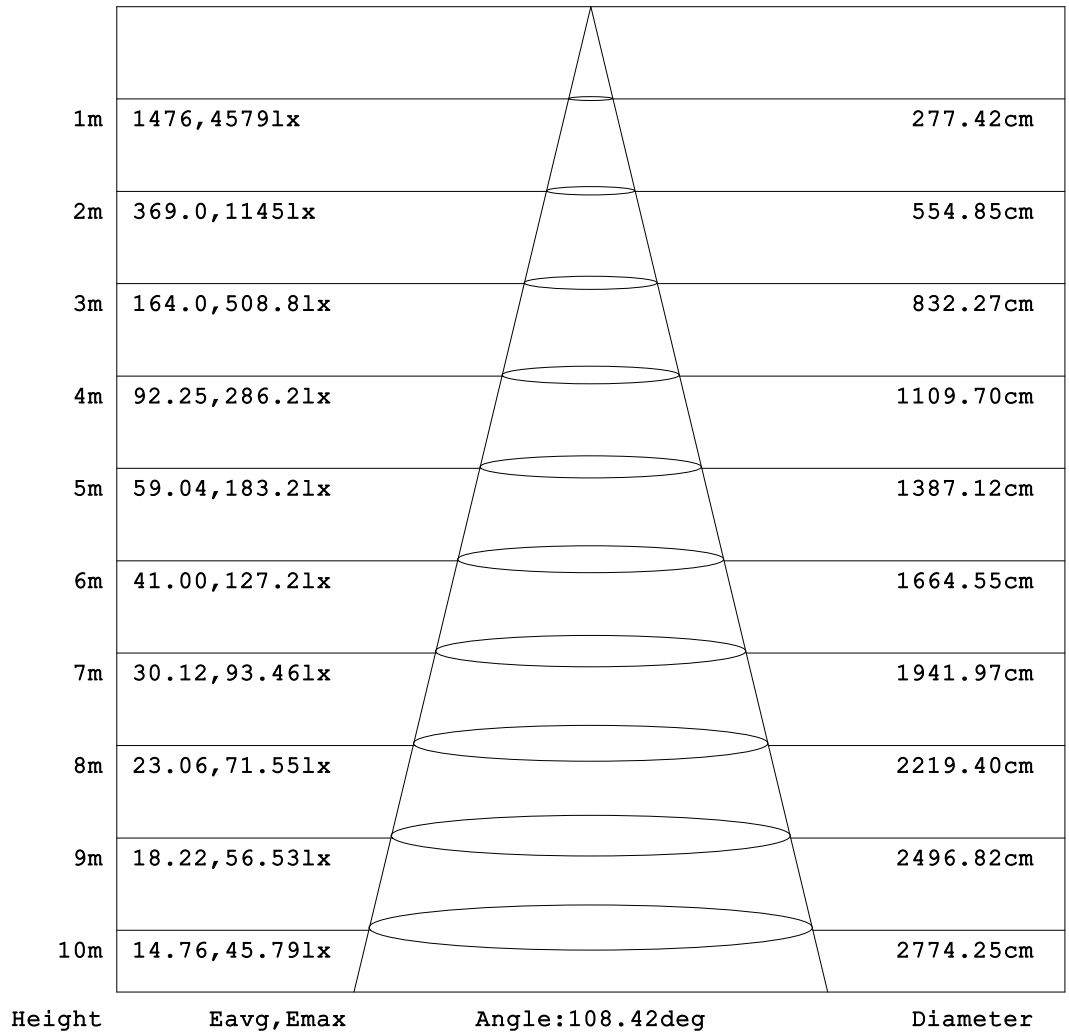
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

Flux out:9457 lm



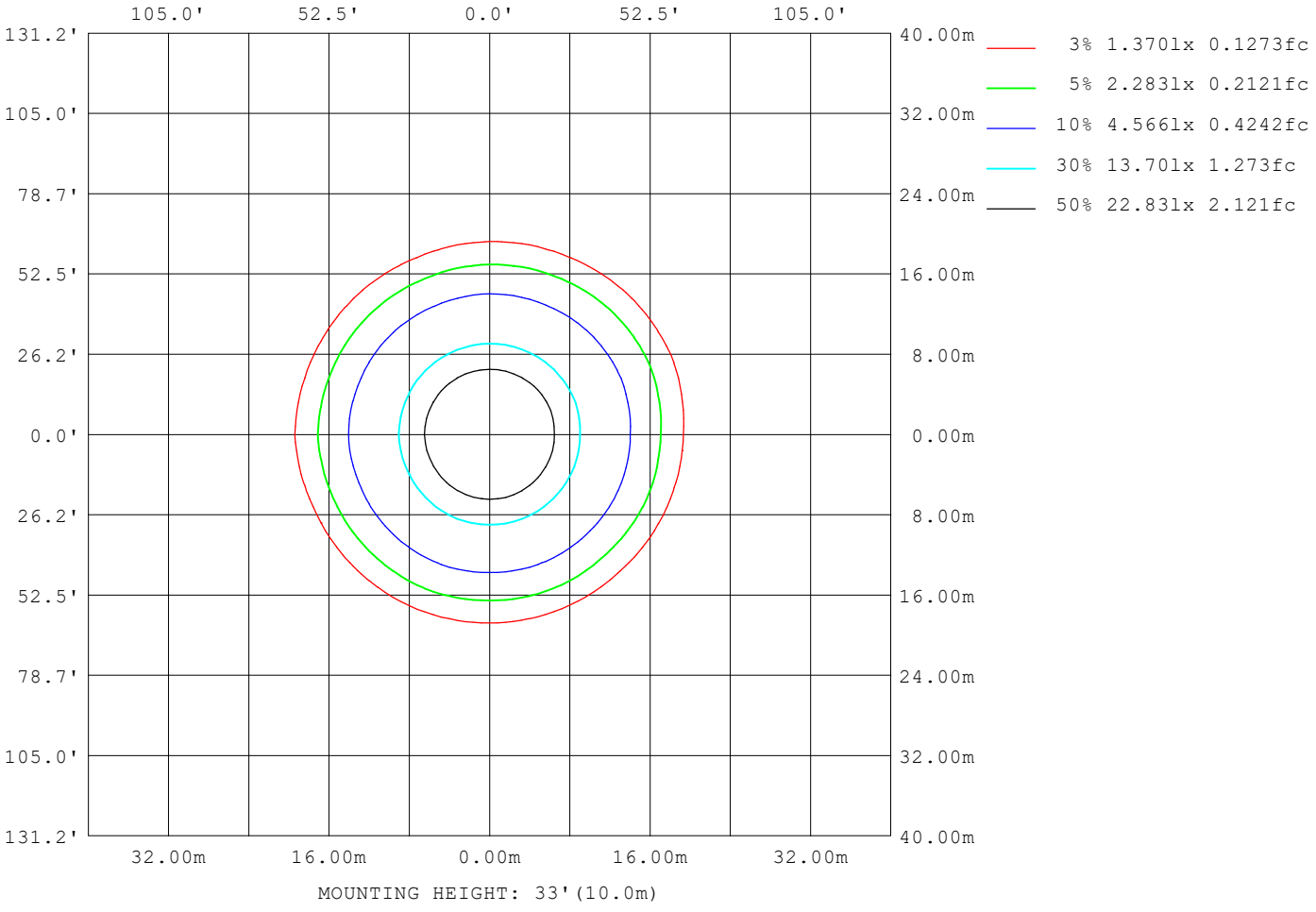
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

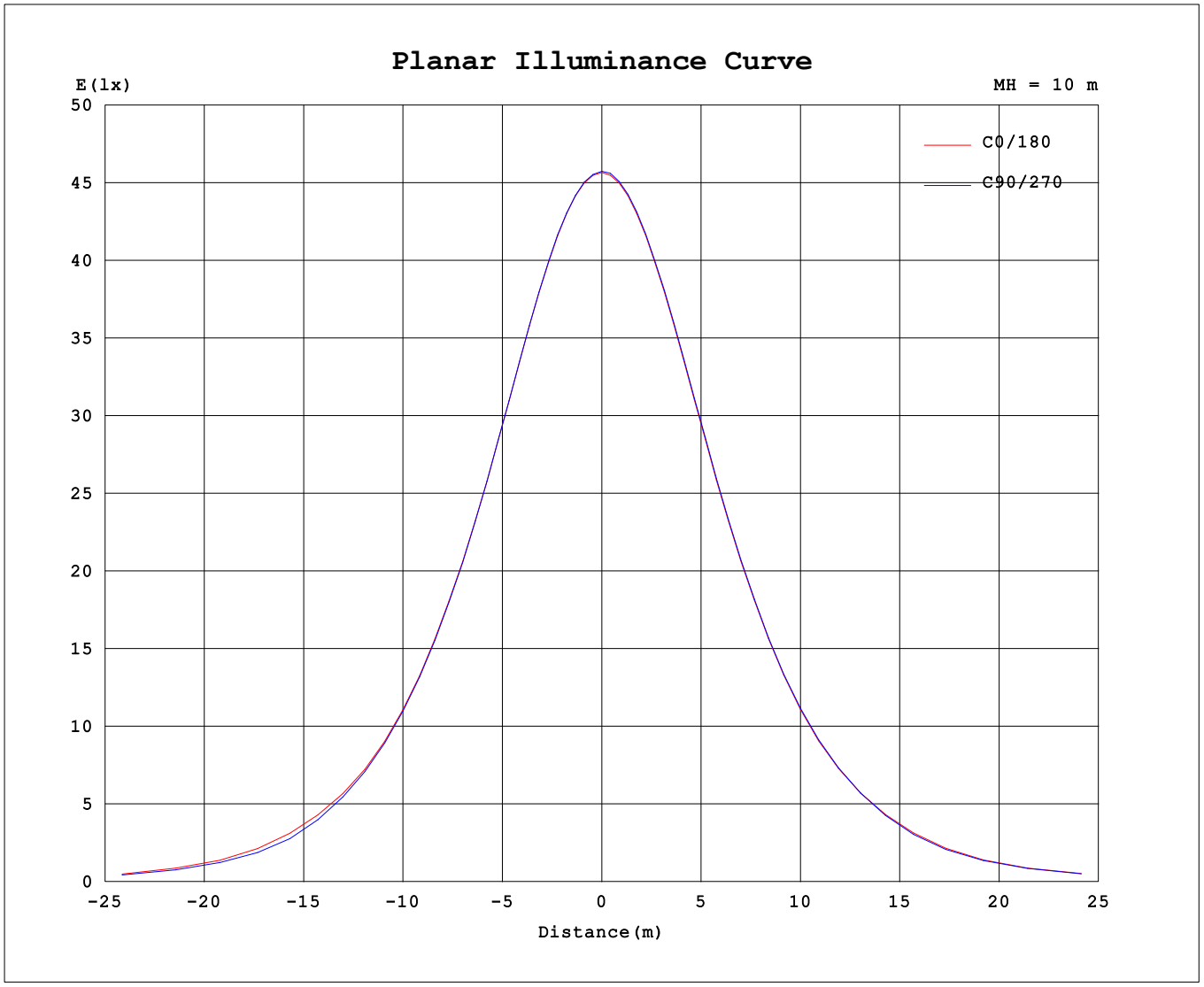
AvgL	cd/m2
L_0~180(65)av	88387
L_0~180(75)av	47705
L_0~180(85)av	26689
L_90~270(65)av	81441
L_90~270(75)av	47526
L_90~270(85)av	31701
L_45(65)av	83036
L_45(75)av	47645
L_45(85)av	29974

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.86V I:0.5995A P:70.504W PF:0.9811 Freq:60.01Hz UTHDi:0.49% ITHDi:5.66% KDisp:0.0000 Lamp Flux:12263.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(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	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573			
5	4558	4556	4560	4561	4555	4557	4553	4549	4558	4557	4560	4558	4560	4562	4567	4566			
10	4513	4512	4514	4514	4507	4508	4501	4495	4511	4508	4512	4514	4515	4519	4524	4525			
15	4432	4434	4430	4433	4430	4427	4419	4412	4433	4431	4432	4432	4436	4438	4450	4454			
20	4319	4320	4318	4319	4313	4314	4299	4294	4324	4317	4323	4321	4328	4330	4342	4343			
25	4169	4173	4167	4170	4163	4159	4144	4137	4178	4165	4176	4171	4185	4184	4200	4206			
30	3981	3990	3979	3985	3973	3969	3949	3945	3991	3984	3995	3988	4000	4003	4025	4030			
35	3758	3766	3751	3760	3742	3744	3719	3714	3766	3760	3773	3767	3778	3782	3812	3817			
40	3485	3486	3467	3477	3460	3460	3425	3420	3489	3473	3486	3480	3497	3510	3544	3552			
45	3137	3137	3117	3123	3107	3108	3067	3062	3144	3124	3141	3130	3161	3162	3205	3221			
50	2736	2740	2703	2708	2678	2691	2662	2665	2756	2736	2749	2729	2767	2770	2821	2833			
55	2289	2266	2193	2163	2120	2161	2172	2200	2304	2267	2261	2218	2269	2298	2379	2398			
60	1722	1657	1544	1531	1508	1547	1562	1608	1737	1678	1654	1616	1667	1714	1814	1856			
65	1164	1088	1019	1022	1015	1036	1025	1061	1182	1139	1123	1101	1146	1188	1241	1282			
70	689	664	629	633	631	638	619	639	739	714	708	696	732	743	781	794			
75	366	365	356	357	349	351	336	340	409	405	414	407	424	425	444	443			
80	168	172	173	176	169	166	155	153	194	199	211	210	216	213	220	213			
85	68.1	71.7	72.9	75.1	70.3	67.8	60.8	59.9	78.0	86.5	98.7	99.2	103	98.0	95.7	88.3			
90	27.4	27.3	27.3	27.1	27.2	27.3	27.6	27.7	27.6	27.8	27.8	27.8	27.8	28.0	28.1	28.0			
95	29.3	29.1	29.1	29.0	29.1	29.1	29.5	29.6	29.2	29.3	29.2	29.2	29.1	29.2	29.0	29.0			
100	31.5	31.3	31.3	31.1	31.3	31.3	31.7	31.8	31.2	31.2	31.1	31.2	31.1	31.1	31.0	30.9			
105	33.9	33.7	33.7	33.5	33.7	33.7	34.0	34.2	33.3	33.4	33.2	33.3	33.2	33.2	33.1	33.1			
110	36.4	36.1	36.1	35.9	36.1	36.1	36.4	36.6	35.5	35.6	35.4	35.5	35.4	35.4	35.2	35.2			
115	38.7	38.5	38.4	38.2	38.5	38.4	38.7	38.9	37.7	37.7	37.5	37.6	37.6	37.6	37.4	37.3			
120	40.9	40.7	40.6	40.5	40.8	40.6	40.8	41.1	39.7	39.8	39.6	39.7	39.9	39.7	39.4	39.4			
125	42.9	42.7	42.7	42.6	42.9	42.7	42.8	43.0	41.7	41.8	41.6	41.9	42.0	41.8	41.4	41.4			
130	44.7	44.6	44.5	44.6	44.8	44.6	44.5	44.7	43.7	43.7	43.6	44.0	44.1	43.9	43.4	43.3			
135	46.3	46.4	46.4	46.5	46.7	46.4	46.2	46.2	45.6	45.6	45.6	46.0	46.2	46.1	45.5	45.3			
140	47.9	48.1	48.2	48.3	48.5	48.2	47.9	47.8	47.6	47.5	47.5	48.0	48.3	48.2	47.6	47.3			
145	49.7	50.0	50.2	50.3	50.3	50.0	49.7	49.6	49.8	49.5	49.6	50.1	50.4	50.3	49.8	49.5			
150	51.9	52.1	52.3	52.3	52.4	52.1	51.8	51.7	52.3	51.9	51.9	52.2	52.6	52.6	52.2	51.9			
155	54.4	54.6	54.6	54.7	54.8	54.4	54.3	54.1	55.0	54.5	54.4	54.7	55.0	55.1	54.7	54.6			
160	57.1	57.2	57.3	57.3	57.3	57.0	56.9	56.7	57.9	57.2	57.0	57.2	57.5	57.6	57.5	57.4			
165	59.9	59.9	59.8	59.8	59.7	59.5	59.5	59.4	60.7	59.7	59.6	59.7	59.9	60.0	60.1	60.1			
170	62.4	62.1	61.9	61.8	61.8	61.7	61.7	61.7	63.0	61.9	61.8	61.8	61.9	62.1	62.1	62.4			
175	64.4	63.7	63.4	63.3	63.2	63.2	63.2	63.5	64.7	63.6	63.5	63.4	63.3	63.4	63.6	63.8			
180	65.4	64.3	64.1	64.1	64.0	64.1	64.1	64.3	65.4	64.3	64.1	64.1	64.0	64.1	64.1	64.4			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	4573	4573	4573	4573	4573	4573	4573	4573	4573	4573
2.5	4569	4570	4570	4570	4567	4569	4566	4566	4568	4568
5.0	4558	4556	4560	4561	4555	4557	4553	4549	4558	4557
7.5	4540	4540	4538	4542	4534	4535	4532	4527	4539	4536
10.0	4513	4512	4514	4514	4507	4508	4501	4495	4511	4508
12.5	4478	4479	4475	4478	4475	4471	4461	4461	4477	4475
15.0	4432	4434	4430	4433	4430	4427	4419	4412	4433	4431
17.5	4379	4382	4380	4380	4374	4375	4362	4358	4382	4378
20.0	4319	4320	4318	4319	4313	4314	4299	4294	4324	4317
22.5	4248	4252	4248	4247	4243	4239	4225	4220	4256	4245
25.0	4169	4173	4167	4170	4163	4159	4144	4137	4178	4165
27.5	4080	4085	4077	4084	4073	4069	4052	4046	4089	4077
30.0	3981	3990	3979	3985	3973	3969	3949	3945	3991	3984
32.5	3879	3885	3870	3880	3864	3860	3842	3836	3885	3876
35.0	3758	3766	3751	3760	3742	3744	3719	3714	3766	3760
37.5	3631	3636	3619	3629	3611	3612	3582	3576	3637	3625
40.0	3485	3486	3467	3477	3460	3460	3425	3420	3489	3473
42.5	3318	3318	3301	3308	3292	3294	3257	3250	3327	3304
45.0	3137	3137	3117	3123	3107	3108	3067	3062	3144	3124
47.5	2943	2939	2922	2915	2903	2900	2874	2872	2950	2934
50.0	2736	2740	2703	2708	2678	2691	2662	2665	2756	2736
52.5	2521	2517	2467	2461	2423	2446	2435	2448	2536	2515
55.0	2289	2266	2193	2163	2120	2161	2172	2200	2304	2267
57.5	2017	1978	1866	1834	1796	1847	1865	1914	2034	1979
60.0	1722	1657	1544	1531	1508	1547	1562	1608	1737	1678
62.5	1424	1353	1281	1261	1262	1276	1293	1320	1447	1394
65.0	1164	1088	1019	1022	1015	1036	1025	1061	1182	1139
67.5	902.9	858.5	804.1	811.9	810.2	822.1	804.3	834.2	947.3	912.6
70.0	689.2	663.8	628.6	632.7	631.0	638.3	618.9	639.2	738.5	714.0
72.5	511.0	498.4	479.7	481.1	477.3	480.9	463.2	474.2	559.7	545.1
75.0	366.3	365.0	355.5	357.0	348.6	351.0	336.1	339.5	409.0	404.6
77.5	254.4	268.5	252.4	266.4	245.2	244.1	233.9	233.3	301.5	290.5
80.0	168.3	172.2	172.9	176.0	169.1	166.1	154.9	152.5	194.1	199.5
82.5	109.4	114.9	122.8	122.0	119.7	111.7	101.0	97.11	123.8	142.9
85.0	68.13	71.68	72.88	75.09	70.32	67.79	60.84	59.93	77.95	86.50
87.5	35.18	34.74	33.83	34.50	31.20	31.79	29.61	30.37	43.59	47.12
90.0	27.44	27.26	27.26	27.09	27.20	27.28	27.56	27.69	27.64	27.76
92.5	28.29	28.13	28.12	27.96	28.06	28.15	28.45	28.59	28.34	28.39
95.0	29.31	29.12	29.11	28.97	29.08	29.15	29.46	29.60	29.24	29.27
97.5	30.38	30.18	30.18	30.00	30.14	30.20	30.55	30.67	30.19	30.22
100.0	31.52	31.32	31.31	31.13	31.27	31.34	31.69	31.83	31.18	31.23
102.5	32.71	32.50	32.49	32.30	32.46	32.50	32.87	33.01	32.25	32.27
105.0	33.93	33.70	33.67	33.48	33.66	33.68	34.05	34.21	33.34	33.36
107.5	35.14	34.90	34.88	34.68	34.85	34.88	35.25	35.42	34.42	34.44
110.0	36.36	36.12	36.08	35.86	36.07	36.06	36.42	36.62	35.52	35.56
112.5	37.57	37.32	37.28	37.05	37.29	37.23	37.59	37.80	36.58	36.63
115.0	38.73	38.49	38.43	38.22	38.49	38.37	38.72	38.93	37.66	37.71
117.5	39.85	39.61	39.56	39.36	39.65	39.49	39.80	40.03	38.69	38.74
120.0	40.93	40.71	40.65	40.46	40.77	40.58	40.84	41.08	39.74	39.80
122.5	41.95	41.74	41.66	41.53	41.85	41.62	41.82	42.06	40.72	40.81
125.0	42.92	42.74	42.65	42.59	42.89	42.65	42.76	42.98	41.72	41.80
127.5	43.82	43.67	43.57	43.59	43.86	43.64	43.63	43.86	42.70	42.76
130.0	44.68	44.58	44.52	44.59	44.84	44.60	44.52	44.66	43.66	43.72
132.5	45.49	45.48	45.45	45.55	45.79	45.54	45.36	45.45	44.60	44.66
135.0	46.25	46.37	46.39	46.50	46.71	46.43	46.21	46.22	45.55	45.58
137.5	47.03	47.23	47.30	47.44	47.62	47.31	47.02	46.99	46.54	46.52
140.0	47.88	48.09	48.24	48.34	48.50	48.19	47.91	47.82	47.57	47.48
142.5	48.77	49.01	49.19	49.29	49.42	49.09	48.78	48.69	48.66	48.46
145.0	49.71	49.97	50.18	50.26	50.35	50.00	49.74	49.60	49.79	49.54
147.5	50.76	51.00	51.21	51.26	51.38	50.99	50.75	50.60	51.01	50.66
150.0	51.87	52.13	52.28	52.31	52.44	52.06	51.84	51.69	52.26	51.89
152.5	53.10	53.33	53.44	53.48	53.61	53.20	52.99	52.86	53.60	53.14
155.0	54.40	54.59	54.65	54.73	54.82	54.42	54.25	54.08	54.99	54.46
157.5	55.73	55.86	55.95	56.00	56.07	55.70	55.54	55.38	56.43	55.76
160.0	57.12	57.20	57.25	57.30	57.31	57.01	56.88	56.75	57.87	57.15
162.5	58.56	58.59	58.55	58.57	58.56	58.29	58.20	58.09	59.31	58.47
165.0	59.92	59.89	59.78	59.75	59.71	59.52	59.47	59.40	60.68	59.74
167.5	61.25	61.07	60.89	60.87	60.78	60.67	60.68	60.55	61.91	60.88
170.0	62.41	62.14	61.91	61.84	61.75	61.70	61.65	61.66	63.05	61.95
172.5	63.49	63.05	62.73	62.67	62.55	62.46	62.55	62.65	63.98	62.93
175.0	64.39	63.73	63.40	63.31	63.16	63.18	63.24	63.48	64.69	63.59
177.5	65.05	64.19	63.92	63.82	63.69	63.76	63.84	64.07	65.21	64.06
180.0	65.38	64.31	64.12	64.07	64.02	64.05	64.13	64.35	65.38	64.33

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	225.0	247.5	270.0	292.5	315.0	337.5
0.0	4573	4573	4573	4573	4573	4573
2.5	4570	4571	4573	4573	4574	4574
5.0	4560	4558	4560	4562	4567	4566
7.5	4540	4539	4542	4544	4549	4550
10.0	4512	4514	4515	4519	4524	4525
12.5	4476	4475	4479	4480	4490	4494
15.0	4432	4432	4436	4438	4450	4454
17.5	4382	4379	4386	4389	4400	4402
20.0	4323	4321	4328	4330	4342	4343
22.5	4254	4250	4261	4263	4276	4280
25.0	4176	4171	4185	4184	4200	4206
27.5	4089	4085	4098	4100	4115	4120
30.0	3995	3988	4000	4003	4025	4030
32.5	3891	3882	3894	3898	3923	3928
35.0	3773	3767	3778	3782	3812	3817
37.5	3640	3632	3646	3654	3683	3690
40.0	3486	3480	3497	3510	3544	3552
42.5	3320	3309	3335	3343	3379	3395
45.0	3141	3130	3161	3162	3205	3221
47.5	2945	2936	2964	2969	3021	3029
50.0	2749	2729	2767	2770	2821	2833
52.5	2523	2494	2535	2550	2611	2623
55.0	2261	2218	2269	2298	2379	2398
57.5	1959	1913	1964	2013	2112	2146
60.0	1654	1616	1667	1714	1814	1856
62.5	1376	1345	1394	1431	1515	1549
65.0	1123	1101	1146	1188	1241	1282
67.5	899.7	884.2	927.0	945.5	999.0	1016
70.0	707.8	696.5	732.5	742.8	781.4	793.8
72.5	548.3	539.9	566.0	570.6	597.7	603.7
75.0	413.5	407.4	423.9	424.7	443.6	443.3
77.5	312.4	297.5	319.7	306.1	320.4	314.2
80.0	211.4	210.3	215.7	213.1	219.8	212.6
82.5	145.8	146.8	150.7	145.1	145.8	150.4
85.0	98.74	99.20	103.2	98.02	95.65	88.26
87.5	54.34	53.33	57.44	55.39	56.77	52.29
90.0	27.76	27.83	27.84	27.97	28.11	27.98
92.5	28.28	28.32	28.23	28.28	28.16	28.14
95.0	29.16	29.20	29.11	29.15	29.04	29.02
97.5	30.10	30.15	30.04	30.09	29.97	29.95
100.0	31.09	31.16	31.05	31.10	30.96	30.95
102.5	32.14	32.21	32.11	32.16	31.99	31.99
105.0	33.22	33.28	33.18	33.22	33.06	33.05
107.5	34.29	34.36	34.30	34.33	34.15	34.13
110.0	35.37	35.47	35.40	35.44	35.24	35.23
112.5	36.45	36.53	36.51	36.49	36.31	36.30
115.0	37.53	37.59	37.63	37.57	37.41	37.35
117.5	38.57	38.65	38.74	38.61	38.43	38.39
120.0	39.62	39.73	39.85	39.68	39.44	39.38
122.5	40.62	40.79	40.94	40.72	40.44	40.38
125.0	41.64	41.86	42.02	41.79	41.45	41.37
127.5	42.61	42.92	43.09	42.86	42.45	42.34
130.0	43.58	43.98	44.14	43.91	43.44	43.30
132.5	44.57	45.02	45.20	44.99	44.48	44.29
135.0	45.58	46.04	46.25	46.06	45.53	45.28
137.5	46.57	47.06	47.29	47.13	46.58	46.28
140.0	47.55	48.05	48.32	48.17	47.62	47.31
142.5	48.57	49.08	49.34	49.25	48.72	48.39
145.0	49.61	50.08	50.40	50.31	49.81	49.47
147.5	50.74	51.16	51.48	51.43	50.97	50.67
150.0	51.87	52.25	52.58	52.55	52.18	51.90
152.5	53.07	53.43	53.79	53.81	53.43	53.19
155.0	54.35	54.70	54.98	55.07	54.75	54.60
157.5	55.68	55.98	56.24	56.36	56.10	56.00
160.0	57.04	57.24	57.46	57.60	57.48	57.41
162.5	58.32	58.50	58.71	58.84	58.83	58.79
165.0	59.59	59.74	59.89	60.02	60.10	60.14
167.5	60.77	60.82	60.96	61.15	61.22	61.38
170.0	61.82	61.81	61.87	62.07	62.11	62.38
172.5	62.76	62.67	62.64	62.80	62.91	63.19
175.0	63.48	63.35	63.34	63.39	63.56	63.80
177.5	63.96	63.84	63.83	63.82	63.97	64.22
180.0	64.09	64.08	64.01	64.05	64.11	64.36

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks: