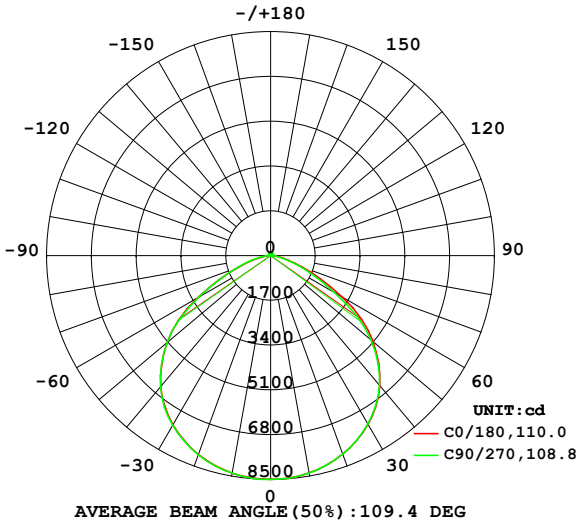
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

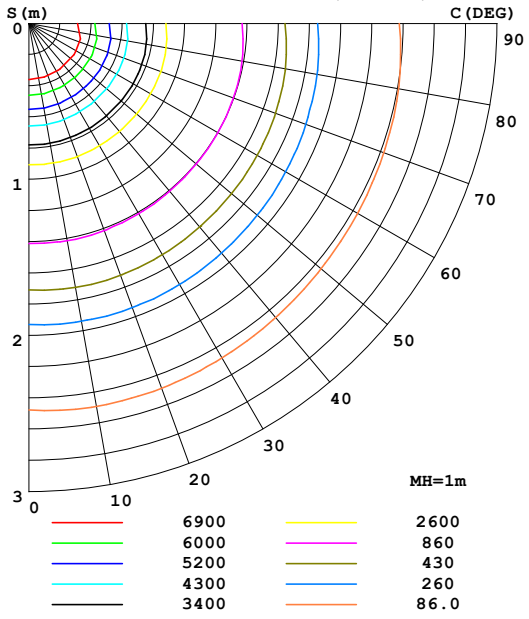
DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.06 lm/W			
MODEL	SS-PT01-150W	Imax(cd)	8501	S/MH(C0/180)	1.30
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	22797	η UP,DN(C0-180)	1.1,48.2
NOMINAL FLUX(lm)	22797.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.7
LAMPS INSIDE	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%):109.4 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	8382	8386	8388	8366	8385	8381	8390	8409	0- 10	805.8	805.8	3.53,3.53
20	8021	8029	8017	7992	8035	8031	8044	8070	10- 20	2327	3133	13.7,13.7
30	7393	7398	7385	7350	7418	7412	7436	7479	20- 30	3574	6707	29.4,29.4
40	6456	6464	6428	6383	6487	6488	6508	6559	30- 40	4370	11077	48.6,48.6
50	5078	5061	4987	4914	5129	5125	5134	5202	40- 50	4482	15559	68.2,68.2
60	3135	3116	2799	2750	3188	3258	3133	3220	50- 60	3693	19252	84.4,84.4
70	1291	1260	1135	1142	1315	1410	1343	1418	60- 70	2082	21335	93.6,93.6
80	334.5	290.2	311.4	298.9	353.9	385.1	413.9	420.7	70- 80	798.4	22133	97.1,97.1
90	50.98	50.81	50.77	51.14	51.45	51.92	52.13	52.53	80- 90	183.4	22317	97.9,97.9
100	58.45	58.38	58.33	58.75	58.10	58.19	57.87	57.49	90-100	59.44	22376	98.2,98.2
110	67.47	67.29	67.30	67.62	66.19	66.29	65.93	65.42	100-110	65.98	22442	98.4,98.4
120	76.08	75.82	76.10	75.97	74.15	74.16	74.22	73.41	110-120	70.29	22512	98.7,98.7
130	83.18	83.14	83.79	82.90	81.68	81.53	82.20	81.04	120-130	70.56	22583	99.1,99.1
140	89.13	89.97	90.68	89.19	88.99	88.87	89.96	88.77	130-140	66.48	22649	99.4,99.4
150	96.50	97.78	97.80	96.34	97.55	97.19	98.01	97.16	140-150	58.46	22708	99.6,99.6
160	106.4	107.0	106.7	105.6	107.9	106.8	107.3	107.0	150-160	47.04	22755	99.8,99.8
170	116.2	115.5	115.0	114.6	117.3	115.4	115.5	115.5	160-170	31.44	22786	100,100
180	121.4	119.3	119.2	119.3	121.9	119.7	119.3	119.4	170-180	11.21	22797	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13355 lm

%lum = 58.6%
%lamp = 58.6%

Conical surface Flux(130deg): 20494 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

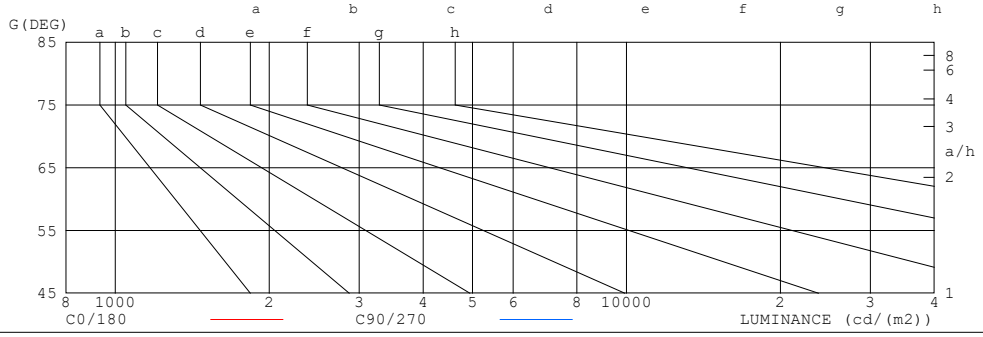
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz **UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm**		
NAME: SS-PT01-150/120/100/80/70W	**TYPE: SS-PT01-150W**	**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	52417	48472
80	63336	55790
75	90394	76787
70	124073	103230
65	163416	135086
60	206147	174182
55	241816	216676
50	259728	241385
45	269863	253527

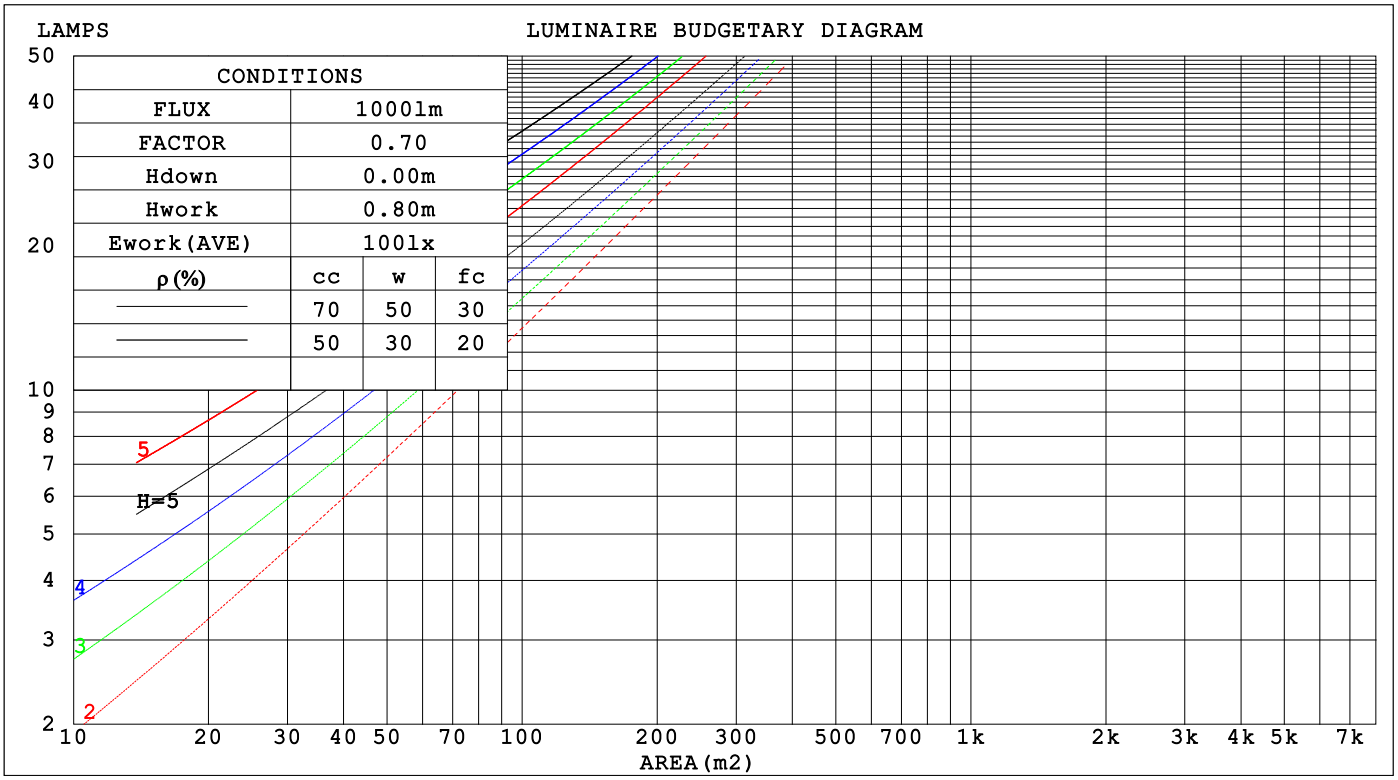
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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	.31	.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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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	.145	.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	.116	.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	.169	.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	.177	.177	.177	.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	.109	.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	.071	.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	.056	.031	.051	.033	.019	.017	.011	.006	
8.0	.143	.086	.046	.123	.074	.040	.085	.052	.029	.050	.031	.017	.016	.010	.006	
9.0	.137	.081	.043	.118	.070	.037	.082	.049	.026	.048	.029	.016	.015	.010	.005	
10.0	.132	.076	.040	.114	.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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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	31.8	33.2	32.1	33.4	33.7	31.4	32.8	31.6	33.0	33.2
3H	32.4	33.7	32.7	34.0	34.3	31.9	33.2	32.2	33.4	33.7
4H	32.6	33.8	32.9	34.1	34.4	32.0	33.2	32.3	33.5	33.8
6H	32.6	33.7	32.9	34.0	34.3	32.0	33.1	32.3	33.4	33.8
8H	32.6	33.7	32.9	34.0	34.3	32.0	33.1	32.3	33.4	33.7
12H	32.5	33.6	32.9	33.9	34.3	31.9	33.0	32.3	33.3	33.7
4H 2H	32.1	33.3	32.4	33.6	33.9	31.7	32.9	32.1	33.2	33.5
3H	32.8	33.9	33.2	34.2	34.6	32.4	33.4	32.7	33.7	34.1
4H	33.0	34.0	33.4	34.3	34.7	32.5	33.5	32.9	33.8	34.2
6H	33.1	33.9	33.5	34.3	34.7	32.6	33.4	33.0	33.8	34.2
8H	33.1	33.9	33.5	34.3	34.7	32.6	33.4	33.0	33.8	34.2
12H	33.1	33.8	33.5	34.2	34.7	32.6	33.3	33.0	33.7	34.2
8H 4H	33.0	33.8	33.4	34.2	34.6	32.5	33.3	33.0	33.7	34.1
6H	33.1	33.8	33.6	34.2	34.7	32.7	33.3	33.1	33.7	34.2
8H	33.2	33.7	33.6	34.2	34.7	32.7	33.3	33.2	33.7	34.2
12H	33.2	33.7	33.7	34.1	34.7	32.7	33.2	33.2	33.7	34.2
12H 4H	33.0	33.7	33.4	34.1	34.6	32.5	33.2	33.0	33.6	34.1
6H	33.1	33.7	33.6	34.1	34.6	32.6	33.2	33.1	33.7	34.2
8H	33.1	33.6	33.7	34.1	34.6	32.7	33.2	33.2	33.6	34.2

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.3 / - 0.4	+ 0.4 / - 0.5
1.5H	+ 0.4 / - 0.7	+ 0.5 / - 0.8
2.0H	+ 0.7 / - 0.9	+ 0.8 / - 1.2

CIE Pub.117, 22797 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.9)
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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

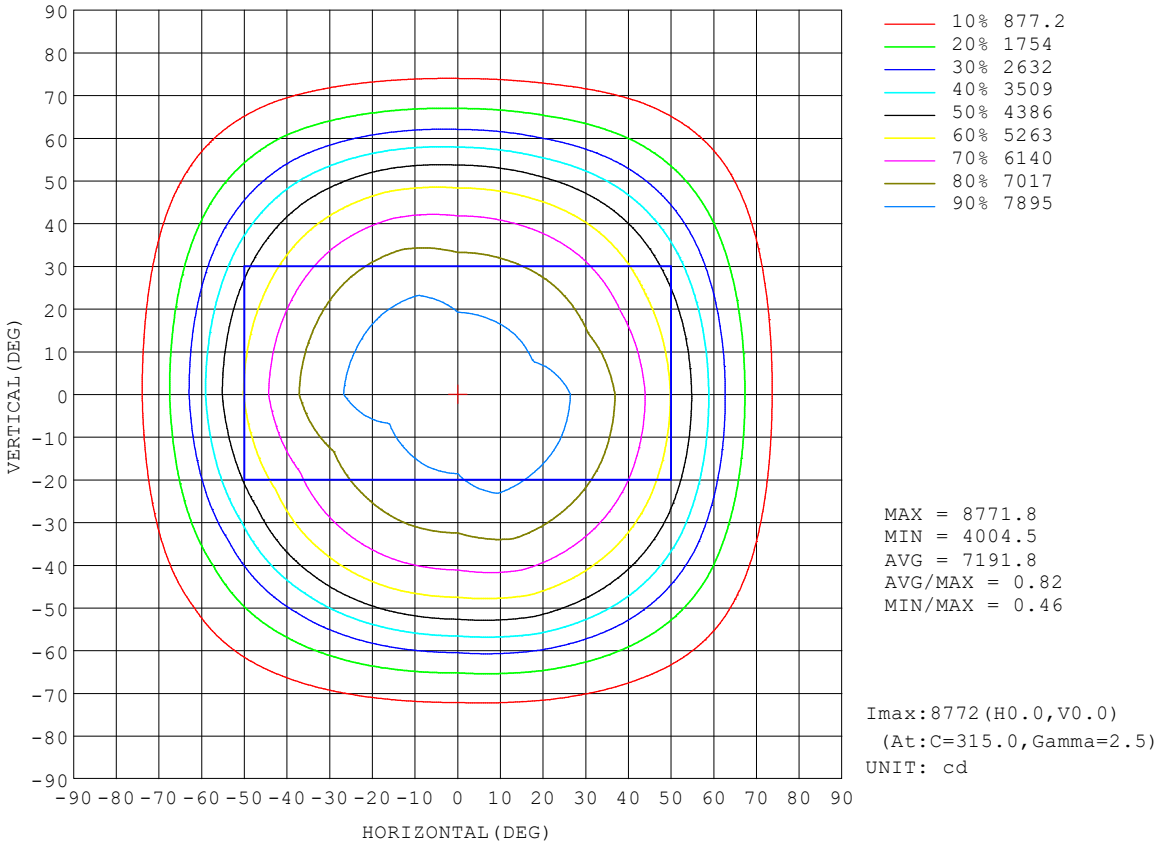
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	70	59	52	69	58	51	67	57	51	44
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	91	86	81	73
2.50	101	93	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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:



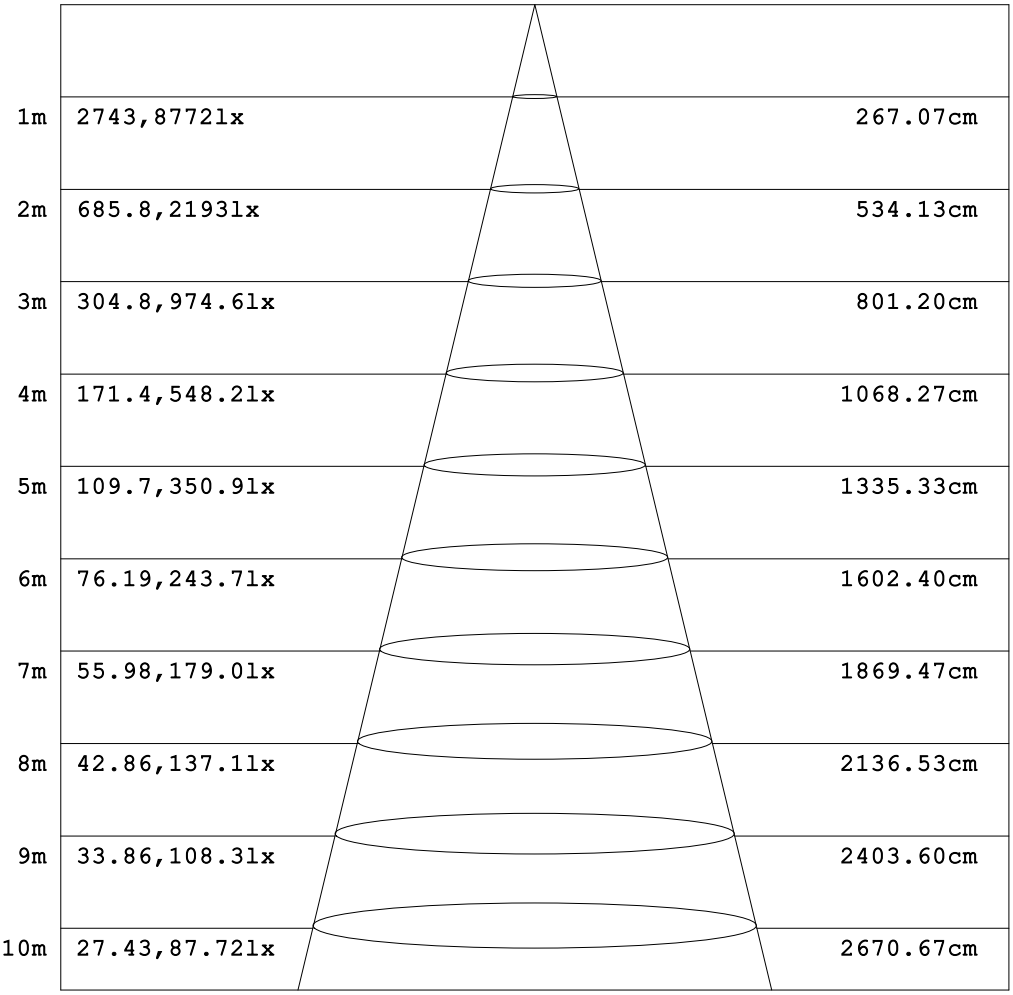
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

Flux out:17576 lm



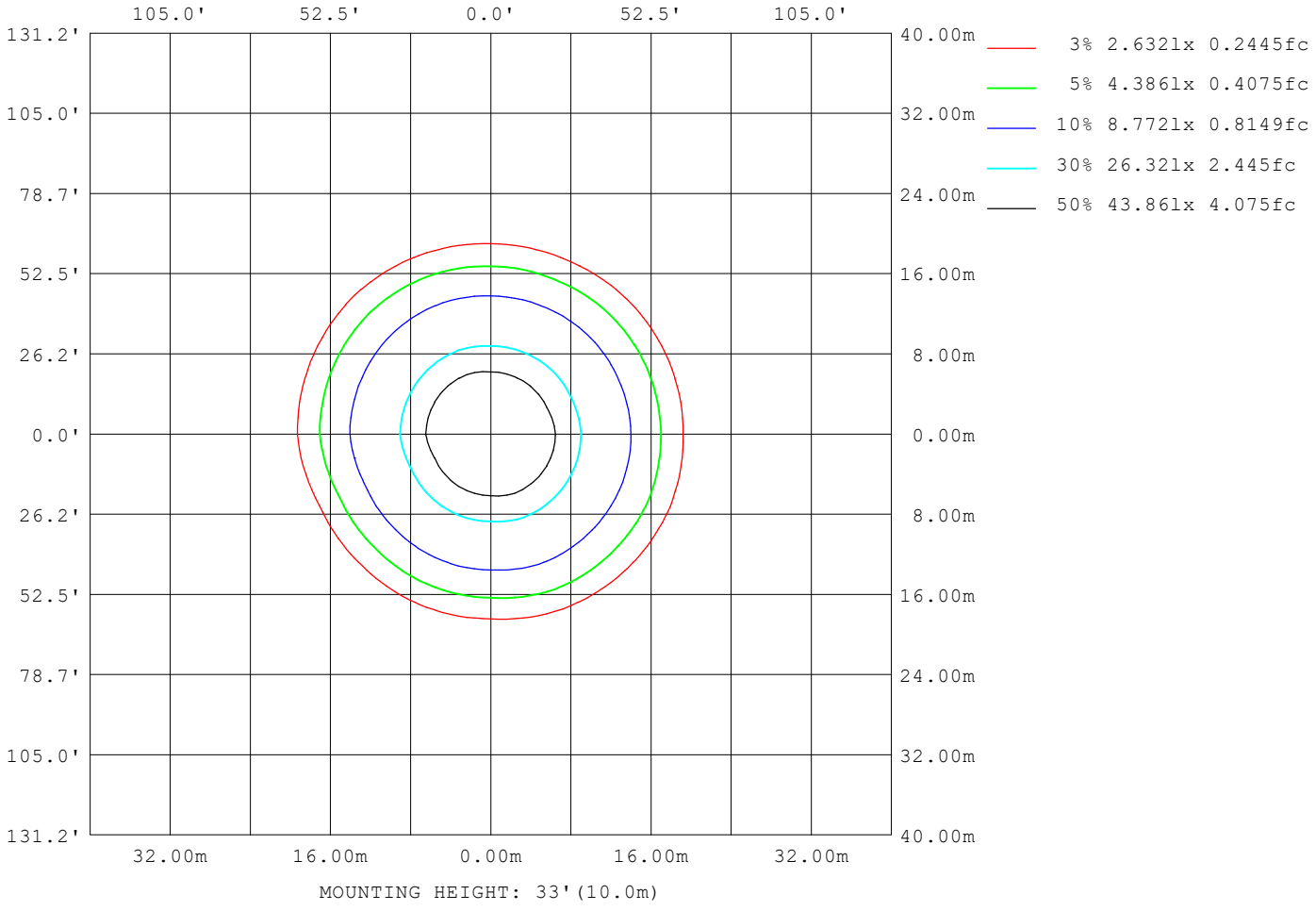
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

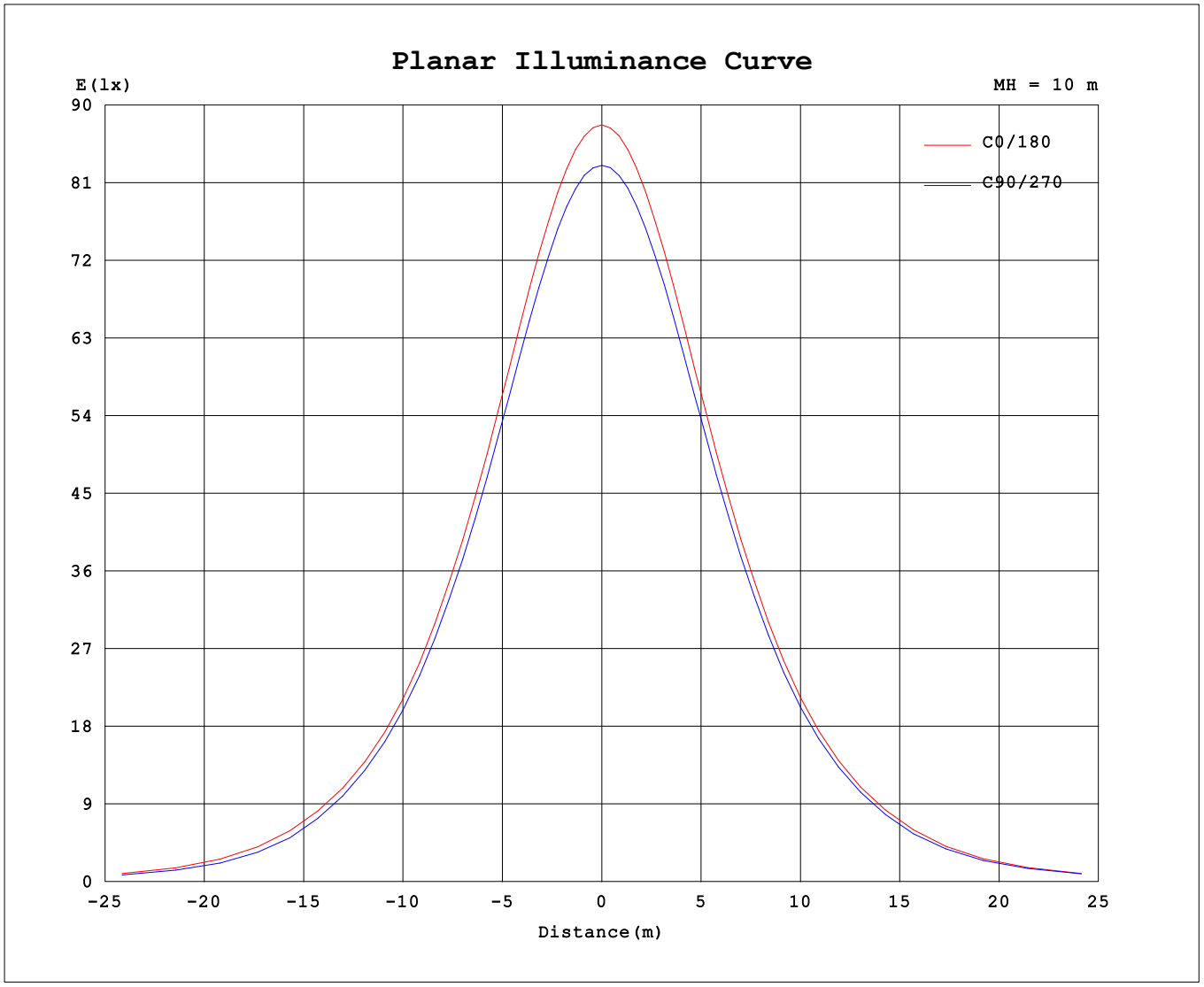
AvgL	cd/m2
L_0~180(65)av	159639
L_0~180(75)av	89064
L_0~180(85)av	52433
L_90~270(65)av	148869
L_90~270(75)av	88078
L_90~270(85)av	60673
L_45(65)av	157101
L_45(75)av	89212
L_45(85)av	55598

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:119.93V I:1.2312A P:147.02W PF:0.9957 Freq:60.01Hz UTHDi:0.79% ITHDi:4.30% KDisp:1.000 Lamp Flux:22797.4x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497			
5	8465	8470	8468	8475	8477	8466	8459	8460	8470	8464	8467	8468	8475	8471	8484	8486			
10	8382	8391	8386	8391	8388	8378	8366	8362	8385	8374	8381	8382	8390	8393	8409	8408			
15	8230	8238	8237	8246	8232	8226	8216	8206	8239	8230	8239	8235	8249	8248	8267	8267			
20	8021	8033	8029	8032	8017	8009	7992	7988	8035	8022	8031	8021	8044	8048	8070	8075			
25	7741	7761	7745	7753	7736	7729	7705	7698	7756	7748	7758	7749	7768	7779	7809	7808			
30	7393	7413	7398	7410	7385	7382	7350	7347	7418	7401	7412	7412	7436	7444	7479	7480			
35	6980	7002	6982	6990	6961	6953	6918	6916	7006	6988	7009	6999	7029	7035	7073	7076			
40	6456	6493	6464	6466	6428	6416	6383	6383	6487	6476	6488	6466	6508	6512	6559	6576			
45	5804	5839	5808	5808	5762	5748	5716	5721	5854	5827	5846	5825	5860	5875	5929	5933			
50	5078	5102	5061	5058	4987	4968	4914	4942	5129	5100	5125	5105	5134	5140	5202	5218			
55	4219	4265	4199	4152	3995	3931	3872	3980	4280	4280	4297	4236	4234	4200	4306	4359			
60	3135	3217	3116	3002	2799	2779	2750	2846	3188	3239	3258	3141	3133	3080	3220	3277			
65	2101	2152	2052	1941	1835	1853	1844	1896	2136	2193	2233	2130	2116	2111	2210	2244			
70	1291	1307	1260	1186	1135	1142	1142	1158	1315	1360	1410	1346	1343	1334	1418	1417			
75	712	698	658	656	639	636	624	636	736	751	793	777	793	789	826	813			
80	335	340	290	328	311	333	299	321	354	357	385	393	414	410	421	407			
85	139	119	120	113	136	129	130	121	148	145	158	178	196	197	201	185			
90	51.0	50.9	50.8	50.7	50.8	50.8	51.1	51.4	51.5	51.7	51.9	52.1	52.1	52.2	52.5	52.1			
95	54.3	54.3	54.3	54.2	54.2	54.3	54.6	54.9	54.5	54.5	54.5	54.4	54.2	54.1	53.9	53.8			
100	58.5	58.4	58.4	58.2	58.3	58.3	58.8	59.1	58.1	58.3	58.2	58.1	57.9	57.7	57.5	57.4			
105	62.9	62.9	62.8	62.6	62.7	62.7	63.2	63.5	62.1	62.2	62.2	62.0	61.8	61.6	61.4	61.3			
110	67.5	67.4	67.3	67.1	67.3	67.2	67.6	68.0	66.2	66.3	66.3	66.1	65.9	65.7	65.4	65.4			
115	71.9	71.9	71.7	71.5	71.8	71.5	71.9	72.3	70.2	70.4	70.3	70.1	70.1	69.7	69.4	69.4			
120	76.1	76.0	75.8	75.7	76.1	75.6	76.0	76.4	74.1	74.2	74.2	74.0	74.2	73.6	73.4	73.4			
125	79.8	79.9	79.6	79.7	80.1	79.5	79.6	80.1	77.9	77.9	77.9	77.9	78.2	77.5	77.3	77.2			
130	83.2	83.4	83.1	83.5	83.8	83.2	82.9	83.2	81.7	81.5	81.5	81.8	82.2	81.6	81.0	80.9			
135	86.2	86.7	86.6	87.2	87.3	86.7	86.0	86.1	85.3	85.1	85.2	85.7	86.1	85.6	84.9	84.6			
140	89.1	89.9	90.0	90.8	90.7	90.0	89.2	89.0	89.0	88.6	88.9	89.4	90.0	89.6	88.8	88.3			
145	92.5	93.4	93.7	94.3	94.1	93.3	92.5	92.2	93.1	92.4	92.8	93.3	93.8	93.5	92.8	92.3			
150	96.5	97.5	97.8	98.2	97.8	97.0	96.3	96.1	97.6	96.8	97.2	97.5	98.0	97.7	97.2	96.6			
155	101	102	102	103	102	101	101	101	103	102	102	102	103	102	102	102			
160	106	107	107	107	107	106	106	106	108	106	107	107	107	107	107	107			
165	112	112	112	112	111	111	111	110	113	111	111	111	112	112	112	112			
170	116	116	116	116	115	115	115	115	117	115	115	115	115	115	116	116			
175	120	119	118	118	118	118	118	118	121	118	118	118	118	118	118	119			
180	121	120	119	119	119	119	119	120	122	120	120	119	119	119	119	120			

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	8497	8497	8497	8497	8497	8497	8497	8497	8497	8497
2.5	8489	8491	8487	8491	8492	8489	8487	8483	8487	8485
5.0	8465	8470	8468	8475	8477	8466	8459	8460	8470	8464
7.5	8434	8440	8434	8438	8434	8428	8420	8415	8432	8424
10.0	8382	8391	8386	8391	8388	8378	8366	8362	8385	8374
12.5	8314	8321	8319	8324	8320	8309	8300	8291	8317	8311
15.0	8230	8238	8237	8246	8232	8226	8216	8206	8239	8230
17.5	8131	8145	8141	8143	8133	8126	8110	8103	8146	8137
20.0	8021	8033	8029	8032	8017	8009	7992	7988	8035	8022
22.5	7890	7904	7897	7903	7887	7877	7855	7851	7906	7889
25.0	7741	7761	7745	7753	7736	7729	7705	7698	7756	7748
27.5	7576	7597	7584	7590	7568	7561	7534	7526	7599	7584
30.0	7393	7413	7398	7410	7385	7382	7350	7347	7418	7401
32.5	7202	7221	7200	7210	7183	7180	7147	7145	7222	7203
35.0	6980	7002	6982	6990	6961	6953	6918	6916	7006	6988
37.5	6735	6763	6740	6748	6712	6700	6666	6662	6763	6748
40.0	6456	6493	6464	6466	6428	6416	6383	6383	6487	6476
42.5	6143	6184	6161	6154	6113	6104	6073	6069	6186	6167
45.0	5804	5839	5808	5808	5762	5748	5716	5721	5854	5827
47.5	5449	5479	5442	5440	5393	5381	5338	5351	5501	5467
50.0	5078	5102	5061	5058	4987	4968	4914	4942	5129	5100
52.5	4672	4699	4651	4638	4528	4497	4438	4496	4720	4709
55.0	4219	4265	4199	4152	3995	3931	3872	3980	4280	4280
57.5	3701	3771	3679	3587	3375	3326	3280	3403	3764	3791
60.0	3135	3217	3116	3002	2799	2779	2750	2846	3188	3239
62.5	2586	2656	2556	2418	2283	2291	2266	2344	2634	2691
65.0	2101	2152	2052	1941	1835	1853	1844	1896	2136	2193
67.5	1664	1702	1606	1532	1449	1470	1466	1497	1696	1752
70.0	1291	1307	1260	1186	1135	1142	1142	1158	1315	1360
72.5	973.7	969.6	915.5	893.3	864.7	865.2	860.0	872.7	998.7	1030
75.0	711.6	697.8	657.6	655.8	638.8	636.3	624.1	636.1	736.0	751.4
77.5	500.4	483.4	450.9	461.6	453.9	450.6	435.9	443.3	524.9	529.2
80.0	334.5	340.0	290.2	327.8	311.4	333.2	298.9	321.1	353.9	357.0
82.5	218.4	196.7	181.6	194.1	214.0	215.9	204.7	198.9	230.0	227.9
85.0	139.0	118.7	119.8	112.6	135.8	129.2	129.5	120.7	148.0	144.7
87.5	72.88	66.76	58.28	59.74	57.64	57.41	54.40	57.52	80.57	81.80
90.0	50.98	50.86	50.81	50.69	50.77	50.76	51.14	51.43	51.45	51.72
92.5	52.47	52.47	52.40	52.32	52.37	52.41	52.77	53.07	52.81	52.89
95.0	54.34	54.31	54.27	54.18	54.22	54.26	54.64	54.93	54.46	54.54
97.5	56.32	56.30	56.26	56.14	56.22	56.22	56.65	56.95	56.24	56.36
100.0	58.45	58.43	58.38	58.24	58.33	58.34	58.75	59.07	58.10	58.25
102.5	60.64	60.61	60.57	60.43	60.50	60.49	60.94	61.25	60.07	60.21
105.0	62.90	62.87	62.79	62.64	62.73	62.71	63.16	63.49	62.10	62.24
107.5	65.19	65.14	65.05	64.91	65.02	64.94	65.41	65.73	64.15	64.27
110.0	67.47	67.41	67.29	67.13	67.30	67.16	67.62	67.98	66.19	66.34
112.5	69.70	69.68	69.52	69.38	69.59	69.36	69.83	70.19	68.23	68.38
115.0	71.91	71.87	71.68	71.53	71.82	71.51	71.94	72.35	70.25	70.38
117.5	74.05	74.00	73.80	73.66	74.03	73.59	74.02	74.45	72.19	72.31
120.0	76.08	76.04	75.82	75.69	76.10	75.61	75.97	76.40	74.15	74.22
122.5	77.99	78.01	77.74	77.69	78.09	77.58	77.81	78.29	76.06	76.08
125.0	79.85	79.88	79.61	79.67	80.06	79.51	79.59	80.08	77.95	77.93
127.5	81.55	81.67	81.39	81.60	81.97	81.38	81.28	81.71	79.83	79.74
130.0	83.18	83.39	83.14	83.49	83.79	83.21	82.90	83.24	81.68	81.51
132.5	84.70	85.04	84.85	85.37	85.55	84.96	84.45	84.69	83.50	83.28
135.0	86.18	86.67	86.56	87.22	87.28	86.68	86.03	86.13	85.30	85.07
137.5	87.63	88.25	88.22	89.01	88.99	88.38	87.59	87.54	87.12	86.86
140.0	89.13	89.90	89.97	90.77	90.68	90.00	89.19	88.98	88.99	88.63
142.5	90.75	91.60	91.78	92.53	92.38	91.62	90.83	90.53	91.00	90.48
145.0	92.50	93.40	93.65	94.33	94.09	93.29	92.52	92.23	93.06	92.45
147.5	94.45	95.40	95.65	96.19	95.88	95.05	94.36	94.07	95.23	94.58
150.0	96.50	97.54	97.78	98.15	97.80	96.95	96.34	96.05	97.55	96.79
152.5	98.81	99.84	99.99	100.3	99.91	99.04	98.46	98.21	100.0	99.13
155.0	101.2	102.2	102.3	102.6	102.1	101.2	100.7	100.6	102.6	101.5
157.5	103.8	104.8	104.6	104.9	104.4	103.6	103.2	103.0	105.2	104.0
160.0	106.4	107.3	107.0	107.3	106.7	106.0	105.6	105.5	107.9	106.5
162.5	109.0	109.9	109.4	109.6	108.9	108.4	108.1	108.0	110.5	108.9
165.0	111.5	112.2	111.7	111.7	111.1	110.7	110.5	110.4	112.9	111.1
167.5	114.0	114.4	113.7	113.8	113.2	112.8	112.7	112.7	115.2	113.3
170.0	116.2	116.3	115.5	115.5	115.0	114.7	114.6	114.8	117.3	115.3
172.5	118.2	117.9	117.1	117.1	116.5	116.3	116.4	116.6	119.1	117.0
175.0	119.9	119.1	118.3	118.1	117.8	117.7	117.7	118.1	120.6	118.3
177.5	120.9	119.9	119.1	119.0	118.7	118.8	118.8	119.3	121.6	119.3
180.0	121.4	120.2	119.3	119.5	119.2	119.2	119.3	119.8	121.9	119.8

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	8497	8497	8497	8497	8497	8497
2.5	8487	8491	8496	8495	8501	8500
5.0	8467	8468	8475	8471	8484	8486
7.5	8430	8432	8441	8441	8453	8453
10.0	8381	8382	8390	8393	8409	8408
12.5	8316	8316	8325	8326	8343	8345
15.0	8239	8235	8249	8248	8267	8267
17.5	8142	8138	8157	8154	8180	8178
20.0	8031	8021	8044	8048	8070	8075
22.5	7903	7890	7913	7923	7952	7950
25.0	7758	7749	7768	7779	7809	7808
27.5	7596	7588	7613	7622	7656	7651
30.0	7412	7412	7436	7444	7479	7480
32.5	7227	7218	7249	7255	7289	7290
35.0	7009	6999	7029	7035	7073	7076
37.5	6766	6750	6782	6792	6833	6840
40.0	6488	6466	6508	6512	6559	6576
42.5	6181	6155	6195	6205	6256	6266
45.0	5846	5825	5860	5875	5929	5933
47.5	5490	5476	5510	5520	5574	5579
50.0	5125	5105	5134	5140	5202	5218
52.5	4726	4694	4714	4707	4782	4818
55.0	4297	4236	4234	4200	4306	4359
57.5	3803	3701	3675	3634	3757	3836
60.0	3258	3141	3133	3080	3220	3277
62.5	2721	2612	2591	2574	2684	2742
65.0	2233	2130	2116	2111	2210	2244
67.5	1800	1709	1702	1701	1791	1804
70.0	1410	1346	1343	1334	1418	1417
72.5	1075	1038	1045	1044	1100	1090
75.0	792.7	777.1	792.8	789.5	825.7	813.2
77.5	565.0	564.8	585.3	577.9	599.7	586.9
80.0	385.1	393.1	413.9	409.7	420.7	407.2
82.5	271.6	264.0	305.1	286.6	310.7	275.6
85.0	158.4	177.7	196.3	197.4	200.8	185.2
87.5	91.83	114.9	112.0	124.8	116.2	118.6
90.0	51.92	52.10	52.13	52.22	52.53	52.09
92.5	52.89	52.77	52.63	52.47	52.30	52.24
95.0	54.52	54.41	54.23	54.06	53.90	53.83
97.5	56.31	56.20	56.02	55.84	55.65	55.60
100.0	58.19	58.07	57.87	57.68	57.49	57.43
102.5	60.18	60.03	59.82	59.61	59.40	59.35
105.0	62.19	62.03	61.82	61.60	61.38	61.33
107.5	64.25	64.08	63.84	63.62	63.39	63.36
110.0	66.29	66.11	65.93	65.65	65.42	65.40
112.5	68.30	68.15	68.00	67.67	67.43	67.42
115.0	70.33	70.13	70.09	69.66	69.43	69.41
117.5	72.25	72.10	72.19	71.62	71.42	71.39
120.0	74.16	74.03	74.22	73.63	73.41	73.35
122.5	76.02	75.94	76.22	75.56	75.32	75.26
125.0	77.88	77.90	78.22	77.53	77.28	77.16
127.5	79.69	79.85	80.21	79.54	79.16	79.02
130.0	81.53	81.79	82.20	81.55	81.04	80.88
132.5	83.35	83.74	84.19	83.59	82.94	82.75
135.0	85.16	85.67	86.14	85.60	84.90	84.60
137.5	86.98	87.57	88.07	87.63	86.86	86.50
140.0	88.87	89.43	89.96	89.57	88.77	88.33
142.5	90.83	91.38	91.89	91.57	90.79	90.26
145.0	92.83	93.35	93.82	93.52	92.81	92.26
147.5	95.00	95.41	95.87	95.56	94.93	94.36
150.0	97.19	97.50	98.01	97.70	97.16	96.64
152.5	99.51	99.73	100.3	100.0	99.52	99.07
155.0	101.9	102.1	102.6	102.4	101.9	101.6
157.5	104.3	104.5	105.0	104.8	104.5	104.2
160.0	106.8	106.9	107.3	107.1	107.0	106.8
162.5	109.1	109.2	109.6	109.5	109.4	109.4
165.0	111.4	111.5	111.8	111.7	111.7	111.9
167.5	113.5	113.5	113.8	113.7	113.7	114.0
170.0	115.4	115.3	115.5	115.4	115.5	115.9
172.5	117.0	116.8	116.9	116.8	117.0	117.6
175.0	118.3	118.0	118.1	117.9	118.3	118.7
177.5	119.2	118.8	119.0	118.7	119.1	119.5
180.0	119.7	119.1	119.3	119.1	119.4	119.7

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: