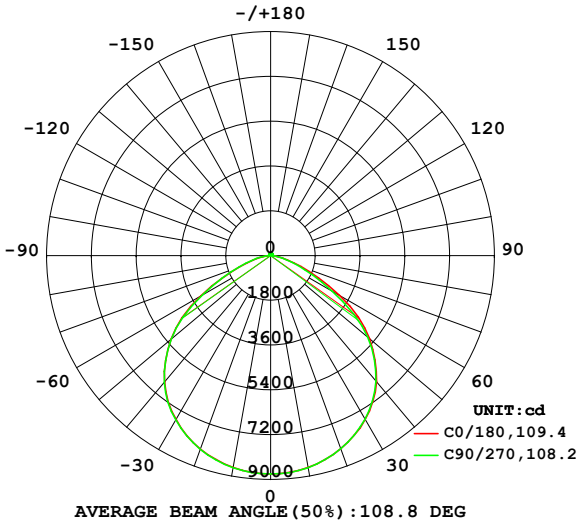
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.93V I:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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:

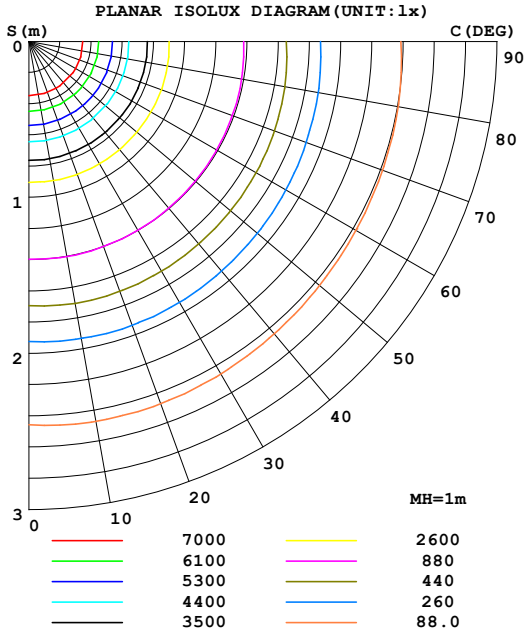
DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.23 lm/W			
MODEL	SS-PT01-150W	Imax(cd)	8778	S/MH(C0/180)	1.29
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	23336	η UP,DN(C0-180)	1.1,48.2
NOMINAL FLUX(lm)	23336.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.7
LAMPS INSIDE	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%):108.8 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	8651	8657	8656	8629	8651	8650	8661	8675	0- 10	832.1	832.1	3.57,3.57
20	8264	8273	8262	8224	8272	8269	8279	8309	10- 20	2399	3231	13.8,13.8
30	7608	7612	7590	7542	7611	7614	7631	7679	20- 30	3676	6907	29.6,29.6
40	6624	6635	6588	6523	6637	6640	6653	6715	30- 40	4482	11389	48.8,48.8
50	5192	5186	5096	4998	5223	5231	5219	5290	40- 50	4580	15969	68.4,68.4
60	3201	3184	2856	2791	3235	3310	3161	3250	50- 60	3760	19730	84.5,84.5
70	1302	1285	1183	1181	1330	1428	1362	1437	60- 70	2115	21845	93.6,93.6
80	336.7	302.1	319.3	306.1	358.1	389.1	419.2	426.9	70- 80	810.9	22656	97.1,97.1
90	52.20	52.02	51.94	52.34	52.60	53.15	53.32	53.95	80- 90	187.3	22843	97.9,97.9
100	59.87	59.79	59.69	60.18	59.51	59.62	59.25	58.76	90-100	60.85	22904	98.1,98.1
110	69.14	68.99	68.93	69.30	67.83	67.98	67.55	66.93	100-110	67.58	22971	98.4,98.4
120	78.06	77.77	78.03	77.91	76.08	76.17	76.16	75.22	110-120	72.06	23044	98.7,98.7
130	85.41	85.33	85.99	85.11	83.92	83.81	84.47	83.16	120-130	72.43	23116	99.1,99.1
140	91.55	92.40	93.13	91.61	91.46	91.28	92.46	91.20	130-140	68.29	23184	99.3,99.3
150	99.00	100.4	100.4	98.93	100.2	99.81	100.8	99.76	140-150	60.05	23244	99.6,99.6
160	109.1	109.8	109.5	108.4	110.8	109.7	110.2	109.8	150-160	48.31	23293	99.8,99.8
170	119.2	118.6	117.9	117.7	120.4	118.5	118.7	118.6	160-170	32.28	23325	100,100
180	124.8	122.6	122.4	122.5	124.8	122.6	122.4	122.5	170-180	11.51	23336	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13720 lm

%lum = 58.8%
%lamp = 58.8%

Conical surface Flux(130deg): 20991 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

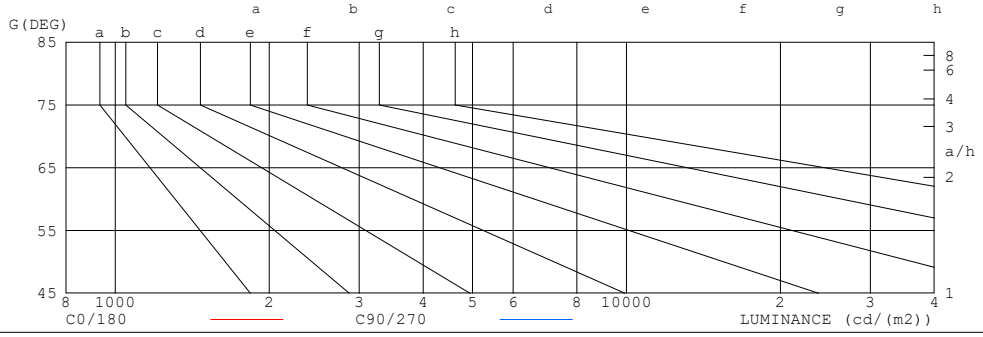
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.93V I:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz **UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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	51371	50912
80	61800	58554
75	88504	80387
70	121284	110116
65	161056	141260
60	204039	181908
55	239828	226491
50	257424	252448
45	267950	265715

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:

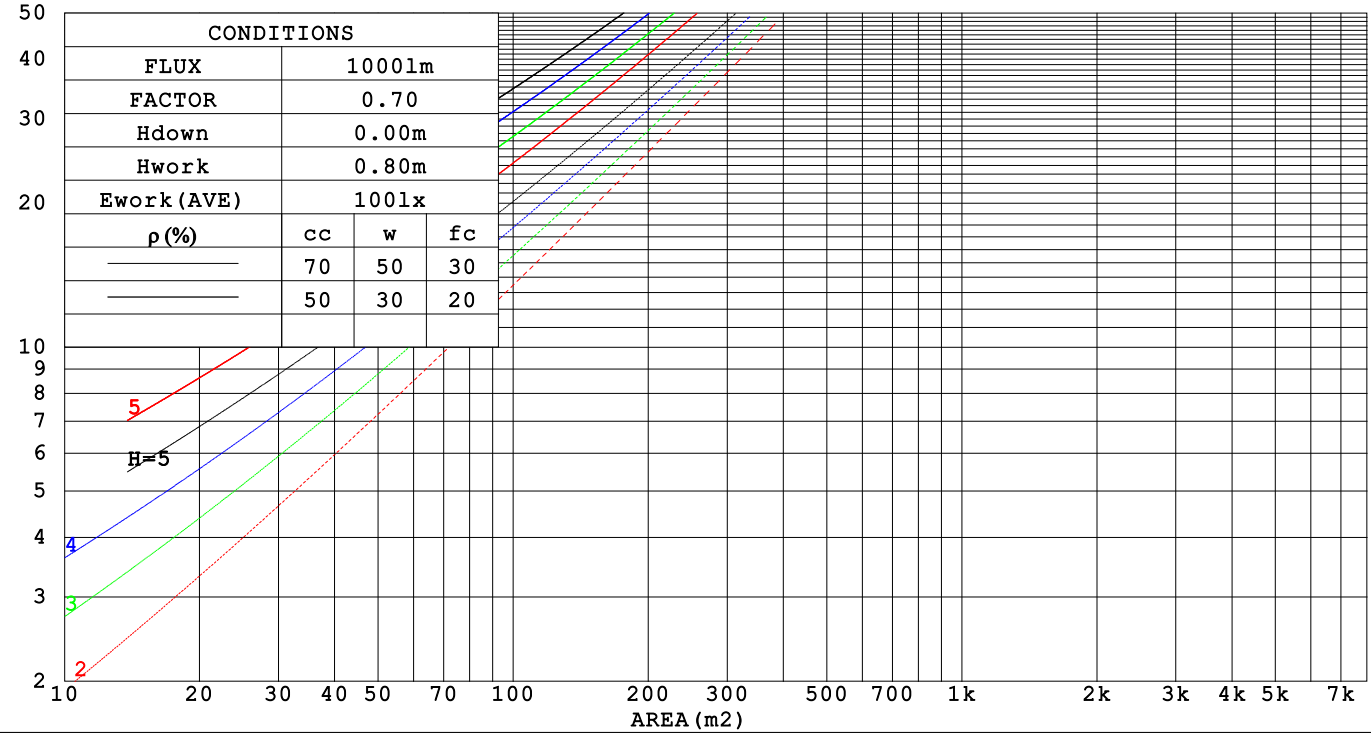
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.93V I:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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	.85
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.83	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.71	.66	.74	.69	.65	.72	.67	.64	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.66	.57	.51	.64	.56	.50	.62	.55	.50	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.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	.34	.29	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



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:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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	.273	.155	.049	.266	.152	.048	.251	.144	.046	.238	.137	.044	.226	.131	.042	
2.0	.264	.144	.044	.257	.142	.044	.244	.136	.042	.233	.131	.041	.222	.126	.040	
3.0	.248	.132	.040	.243	.130	.039	.231	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.233	.121	.036	.227	.119	.035	.217	.115	.034	.208	.112	.034	.200	.108	.033	
5.0	.217	.111	.032	.213	.109	.032	.204	.106	.031	.196	.103	.031	.188	.100	.030	
6.0	.203	.102	.029	.199	.101	.029	.191	.098	.028	.184	.095	.028	.177	.093	.028	
7.0	.190	.094	.027	.187	.093	.027	.180	.091	.026	.173	.089	.026	.167	.087	.025	
8.0	.179	.087	.025	.175	.086	.024	.169	.084	.024	.163	.083	.024	.157	.081	.024	
9.0	.168	.081	.023	.165	.081	.023	.159	.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	.121	.121	.121	.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	.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	.088	.056	.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	.043	.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:119.93V I:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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	31.7	33.1	32.0	33.3	33.6	31.4	32.8	31.7	33.0	33.3
3H	32.3	33.6	32.6	33.9	34.1	31.9	33.2	32.2	33.5	33.8
4H	32.4	33.6	32.8	33.9	34.2	32.0	33.3	32.4	33.5	33.8
6H	32.4	33.6	32.8	33.9	34.2	32.0	33.2	32.4	33.5	33.8
8H	32.4	33.5	32.8	33.8	34.2	32.0	33.1	32.4	33.5	33.8
12H	32.4	33.5	32.8	33.8	34.1	32.0	33.1	32.4	33.4	33.7
4H 2H	32.0	33.2	32.3	33.5	33.8	31.7	33.0	32.1	33.2	33.5
3H	32.7	33.8	33.1	34.1	34.4	32.4	33.4	32.8	33.8	34.1
4H	32.9	33.9	33.3	34.2	34.6	32.5	33.5	32.9	33.9	34.2
6H	33.0	33.8	33.4	34.2	34.6	32.6	33.5	33.0	33.9	34.3
8H	33.0	33.8	33.4	34.2	34.6	32.6	33.4	33.1	33.8	34.2
12H	33.0	33.7	33.4	34.1	34.5	32.6	33.3	33.1	33.8	34.2
8H 4H	32.9	33.7	33.3	34.1	34.5	32.6	33.3	33.0	33.7	34.2
6H	33.0	33.7	33.5	34.1	34.6	32.7	33.3	33.2	33.8	34.2
8H	33.0	33.6	33.5	34.1	34.6	32.7	33.3	33.2	33.7	34.2
12H	33.0	33.5	33.6	34.0	34.5	32.7	33.2	33.2	33.7	34.2
12H 4H	32.8	33.6	33.3	34.0	34.4	32.5	33.2	33.0	33.7	34.1
6H	33.0	33.6	33.5	34.0	34.5	32.7	33.2	33.1	33.7	34.2
8H	33.0	33.5	33.5	34.0	34.5	32.7	33.2	33.2	33.7	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	+ 0.4 / - 0.7
2.0H	+ 0.7 / - 0.9	+ 0.9 / - 1.1

CIE Pub.117, 23336 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:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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:

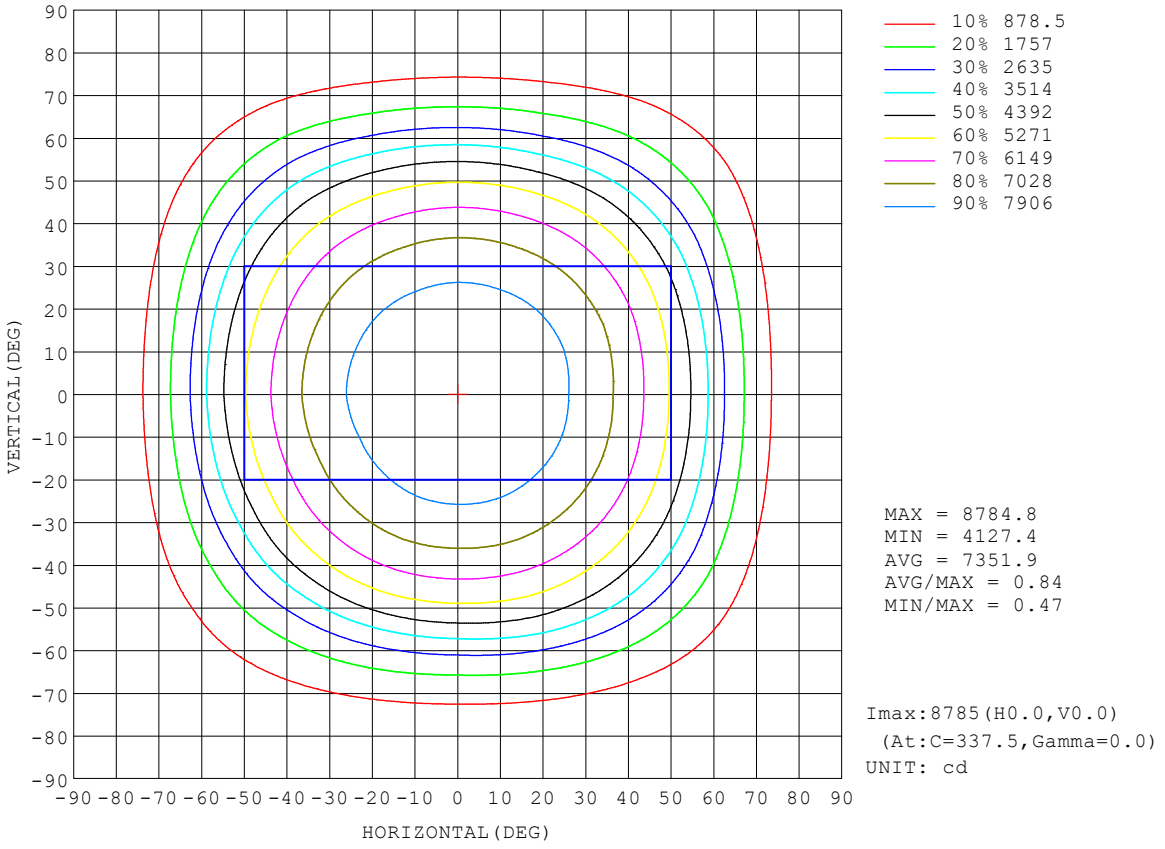
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	57	51	44
1.00	79	68	61	77	68	61	75	69	60	54
1.25	86	76	69	84	75	69	81	74	68	61
1.50	91	82	75	89	81	75	86	79	73	66
2.00	97	89	84	95	88	83	92	86	81	73
2.50	101	94	88	98	92	87	94	89	85	77
3.00	104	97	93	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:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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:



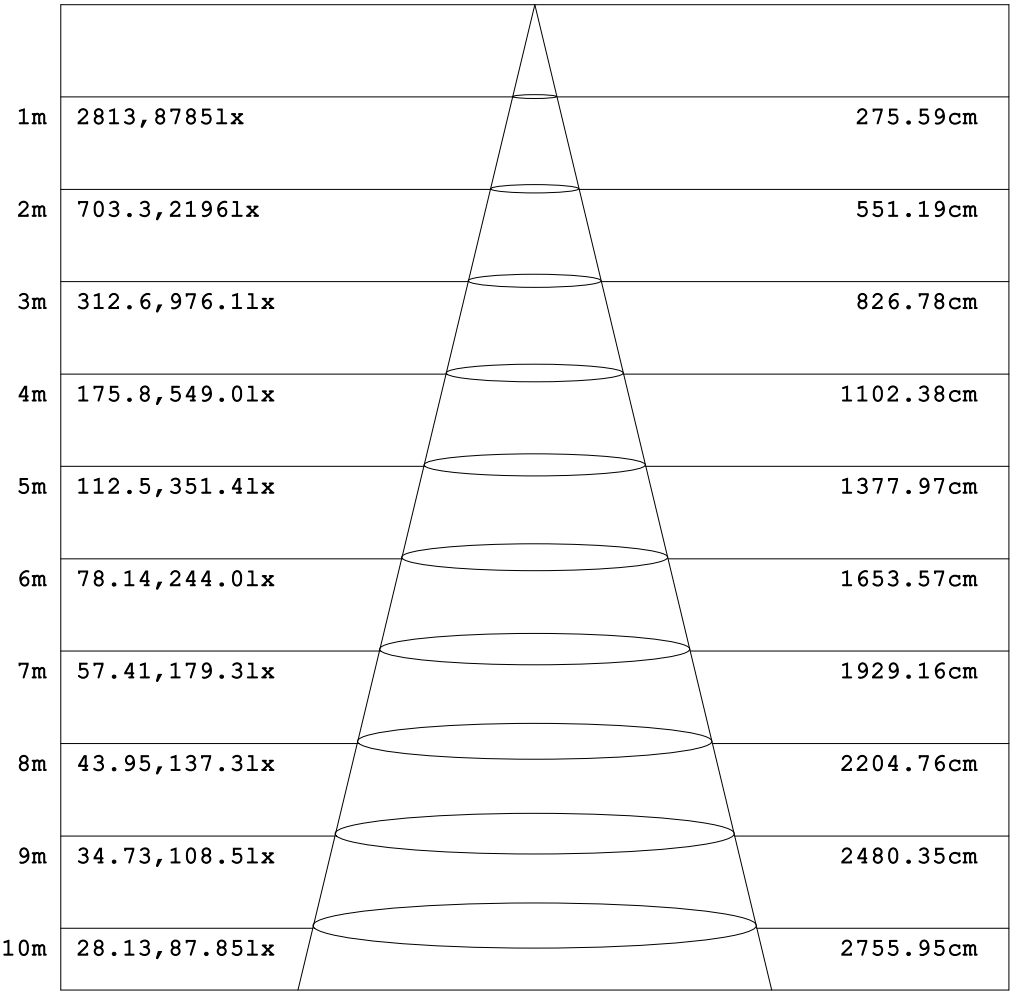
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.93V I:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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:18025 lm



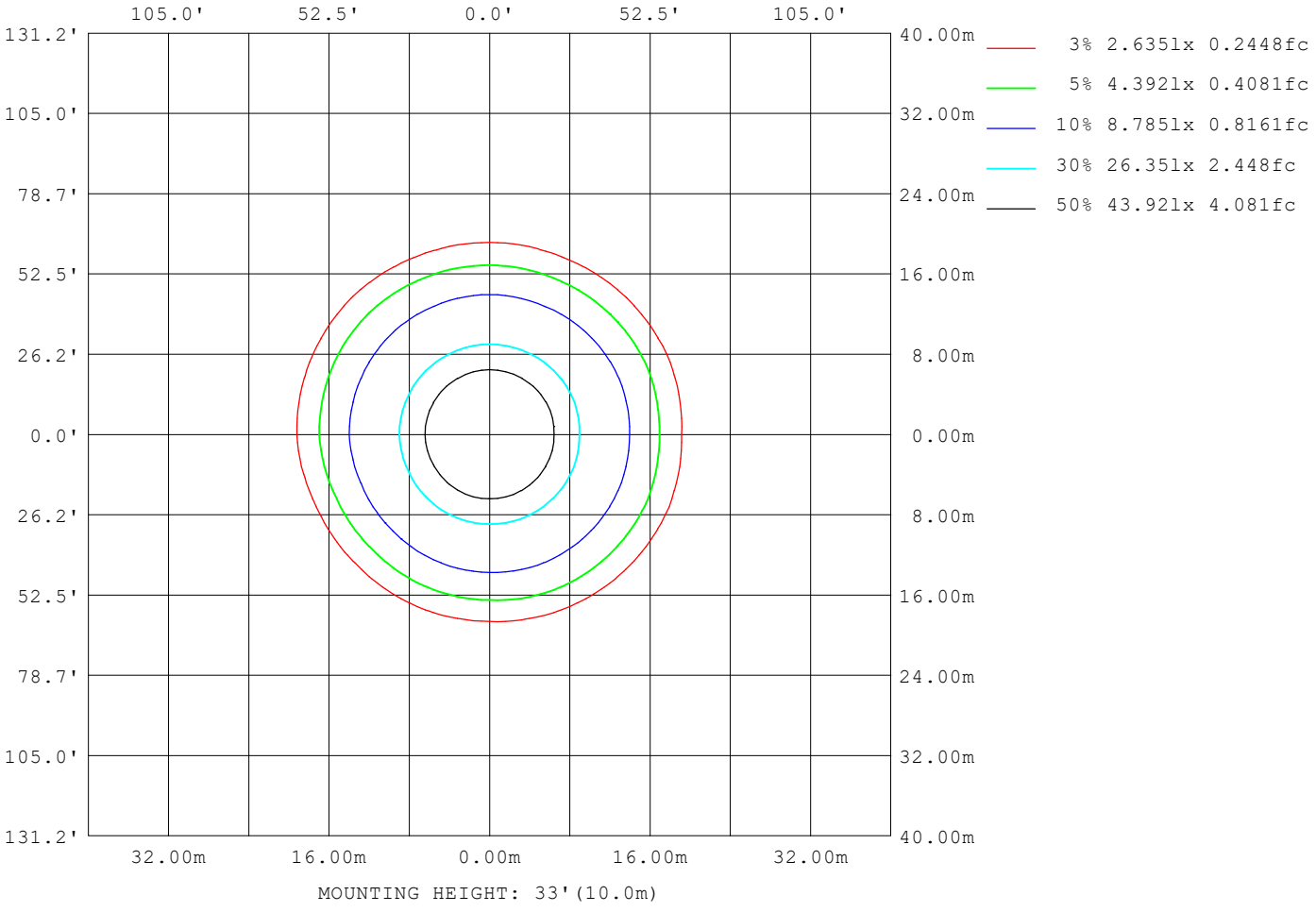
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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:

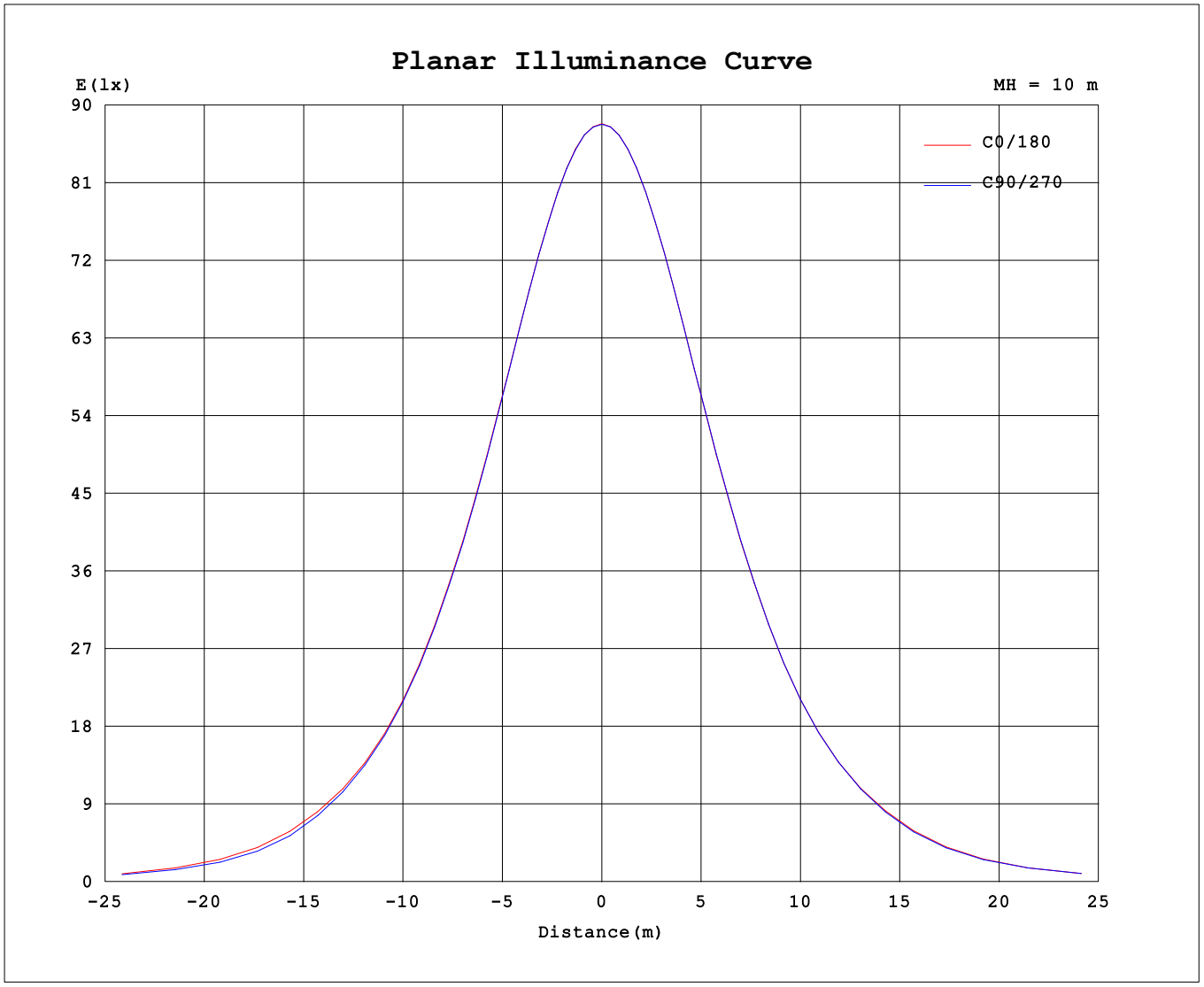
AvgL	cd/m2
L_0~180(65)av	161916
L_0~180(75)av	89940
L_0~180(85)av	53163
L_90~270(65)av	151567
L_90~270(75)av	89667
L_90~270(85)av	61734
L_45(65)av	159527
L_45(75)av	90548
L_45(85)av	56907

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:1.1761A P:140.39W PF:0.9953 Freq:60.01Hz UTHDi:0.74% ITHDi:5.02% KDisp:1.000 Lamp Flux:23336.4x1 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	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778			
5	8746	8750	8750	8757	8754	8746	8736	8733	8747	8743	8745	8749	8752	8752	8758	8760			
10	8651	8661	8657	8664	8656	8647	8629	8626	8651	8647	8650	8653	8661	8663	8675	8677			
15	8490	8500	8497	8506	8489	8484	8462	8454	8492	8489	8493	8493	8502	8505	8523	8526			
20	8264	8276	8273	8279	8262	8249	8224	8219	8272	8262	8269	8263	8279	8286	8309	8316			
25	7970	7984	7973	7983	7963	7952	7920	7910	7976	7968	7977	7969	7989	7999	8029	8033			
30	7608	7623	7612	7618	7590	7584	7542	7536	7611	7604	7614	7610	7631	7643	7679	7685			
35	7168	7191	7172	7179	7138	7136	7089	7081	7178	7171	7183	7175	7201	7212	7252	7264			
40	6624	6651	6635	6632	6588	6571	6523	6520	6637	6630	6640	6624	6653	6660	6715	6735			
45	5945	5977	5957	5959	5901	5874	5826	5824	5975	5960	5974	5952	5980	5988	6053	6072			
50	5192	5218	5186	5183	5096	5065	4998	5029	5223	5209	5231	5200	5219	5225	5290	5319			
55	4316	4357	4302	4250	4080	4002	3930	4039	4352	4360	4380	4304	4297	4267	4371	4429			
60	3201	3282	3184	3072	2856	2824	2791	2909	3235	3297	3310	3183	3161	3128	3250	3323			
65	2136	2196	2095	1987	1875	1888	1870	1920	2162	2228	2263	2157	2148	2142	2240	2275			
70	1302	1330	1285	1211	1183	1165	1181	1174	1330	1378	1428	1361	1362	1362	1437	1435			
75	719	709	669	670	653	650	636	647	743	758	801	787	804	801	836	823			
80	337	347	302	340	319	321	306	328	358	361	389	399	419	416	427	413			
85	140	124	126	122	139	133	133	124	151	147	161	180	199	200	204	188			
90	52.2	52.0	52.0	51.9	51.9	52.0	52.3	52.6	52.6	53.0	53.2	53.4	53.3	53.5	53.9	53.3			
95	55.6	55.5	55.6	55.4	55.5	55.5	56.0	56.2	55.7	55.9	55.9	55.8	55.5	55.4	55.1	55.1			
100	59.9	59.8	59.8	59.6	59.7	59.7	60.2	60.5	59.5	59.8	59.6	59.6	59.3	59.1	58.8	58.7			
105	64.4	64.3	64.3	64.1	64.2	64.2	64.7	65.0	63.6	63.9	63.8	63.7	63.3	63.1	62.8	62.8			
110	69.1	69.0	69.0	68.7	68.9	68.8	69.3	69.6	67.8	68.1	68.0	67.9	67.6	67.3	66.9	66.9			
115	73.7	73.5	73.5	73.3	73.6	73.3	73.7	74.1	72.0	72.3	72.2	72.1	71.9	71.4	71.1	71.1			
120	78.1	77.9	77.8	77.5	78.0	77.5	77.9	78.4	76.1	76.3	76.2	76.1	76.2	75.6	75.2	75.2			
125	82.0	81.8	81.7	81.6	82.1	81.5	81.7	82.1	80.1	80.3	80.0	80.2	80.3	79.7	79.2	79.1			
130	85.4	85.4	85.3	85.6	86.0	85.4	85.1	85.4	83.9	84.1	83.8	84.2	84.5	83.8	83.2	83.0			
135	88.5	88.8	88.8	89.3	89.6	89.0	88.4	88.4	87.6	87.7	87.5	88.2	88.5	88.0	87.2	86.9			
140	91.6	92.1	92.4	93.0	93.1	92.5	91.6	91.4	91.5	91.3	91.3	92.1	92.5	92.1	91.2	90.8			
145	94.9	95.7	96.2	96.6	96.6	95.8	95.0	94.7	95.6	95.2	95.3	96.1	96.4	96.2	95.3	94.8			
150	99.0	99.8	100	101	100	99.6	98.9	98.6	100	99.7	99.8	100	101	100	99.8	99.3			
155	104	105	105	105	105	104	103	103	105	105	105	105	105	105	105	104			
160	109	110	110	110	109	109	108	108	111	110	110	110	110	110	110	110			
165	114	115	115	114	114	114	113	113	116	114	114	115	115	115	115	115			
170	119	119	119	118	118	118	118	118	120	119	119	119	119	119	119	119			
175	123	122	121	121	121	121	121	121	124	122	121	121	121	121	121	122			
180	125	123	123	122	122	122	123	123	125	123	123	122	122	122	123	123			

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	8778	8778	8778	8778	8778	8778	8778	8778	8778	8778
2.5	8768	8774	8771	8776	8773	8768	8765	8763	8768	8766
5.0	8746	8750	8750	8757	8754	8746	8736	8733	8747	8743
7.5	8707	8716	8714	8716	8706	8703	8691	8686	8706	8703
10.0	8651	8661	8657	8664	8656	8647	8629	8626	8651	8647
12.5	8580	8588	8587	8591	8582	8573	8554	8548	8580	8575
15.0	8490	8500	8497	8506	8489	8484	8462	8454	8492	8489
17.5	8382	8396	8394	8400	8385	8375	8348	8342	8392	8387
20.0	8264	8276	8273	8279	8262	8249	8224	8219	8272	8262
22.5	8125	8138	8132	8141	8122	8107	8079	8073	8135	8122
25.0	7970	7984	7973	7983	7963	7952	7920	7910	7976	7968
27.5	7799	7813	7805	7807	7783	7774	7737	7729	7802	7798
30.0	7608	7623	7612	7618	7590	7584	7542	7536	7611	7604
32.5	7402	7417	7403	7408	7374	7374	7326	7320	7411	7395
35.0	7168	7191	7172	7179	7138	7136	7089	7081	7178	7171
37.5	6916	6935	6923	6925	6882	6870	6822	6820	6919	6916
40.0	6624	6651	6635	6632	6588	6571	6523	6520	6637	6630
42.5	6298	6333	6317	6312	6259	6240	6190	6188	6320	6306
45.0	5945	5977	5957	5959	5901	5874	5826	5824	5975	5960
47.5	5577	5607	5582	5581	5517	5490	5430	5443	5609	5587
50.0	5192	5218	5186	5183	5096	5065	4998	5029	5223	5209
52.5	4777	4806	4765	4746	4628	4581	4506	4566	4804	4803
55.0	4316	4357	4302	4250	4080	4002	3930	4039	4352	4360
57.5	3784	3849	3766	3670	3445	3385	3330	3447	3823	3860
60.0	3201	3282	3184	3072	2856	2824	2791	2909	3235	3297
62.5	2634	2711	2610	2474	2332	2331	2298	2371	2672	2739
65.0	2136	2196	2095	1987	1875	1888	1870	1920	2162	2228
67.5	1689	1733	1639	1567	1481	1501	1488	1517	1717	1778
70.0	1302	1330	1285	1211	1183	1165	1181	1174	1330	1378
72.5	985.0	986.3	932.4	912.9	884.7	883.7	874.8	884.5	1010	1042
75.0	718.7	708.9	669.5	670.4	653.4	650.4	636.5	646.6	743.1	758.5
77.5	504.4	490.2	461.3	472.6	464.3	462.4	446.1	451.9	530.5	534.9
80.0	336.7	347.3	302.1	340.5	319.3	321.0	306.1	327.7	358.1	360.5
82.5	220.3	204.7	193.2	208.6	220.0	221.6	210.2	203.6	233.0	230.7
85.0	140.5	124.1	125.7	121.6	139.4	132.8	132.9	123.6	150.5	147.1
87.5	74.02	68.06	58.46	60.46	58.74	58.63	55.65	58.61	82.30	83.08
90.0	52.20	51.97	52.02	51.87	51.94	51.98	52.34	52.64	52.60	53.00
92.5	53.73	53.65	53.67	53.52	53.58	53.64	54.03	54.32	54.03	54.23
95.0	55.63	55.54	55.57	55.42	55.48	55.54	55.95	56.24	55.73	55.94
97.5	57.69	57.58	57.62	57.44	57.55	57.56	58.00	58.29	57.57	57.80
100.0	59.87	59.75	59.79	59.59	59.69	59.73	60.18	60.48	59.51	59.76
102.5	62.13	62.00	62.03	61.83	61.95	61.92	62.42	62.74	61.53	61.80
105.0	64.43	64.30	64.33	64.10	64.24	64.21	64.69	65.03	63.60	63.90
107.5	66.79	66.65	66.67	66.41	66.59	66.50	66.99	67.34	65.71	66.01
110.0	69.14	68.98	68.99	68.73	68.93	68.79	69.30	69.65	67.83	68.14
112.5	71.46	71.30	71.29	71.03	71.30	71.08	71.56	71.93	69.94	70.26
115.0	73.73	73.54	73.52	73.27	73.60	73.28	73.74	74.11	72.02	72.34
117.5	75.95	75.76	75.68	75.44	75.87	75.43	75.87	76.31	74.06	74.34
120.0	78.06	77.86	77.77	77.54	78.03	77.54	77.91	78.36	76.08	76.34
122.5	80.06	79.90	79.75	79.60	80.12	79.58	79.83	80.31	78.07	78.32
125.0	81.96	81.82	81.67	81.61	82.13	81.54	81.67	82.15	80.05	80.26
127.5	83.72	83.64	83.51	83.59	84.10	83.47	83.40	83.84	81.99	82.22
130.0	85.41	85.42	85.33	85.57	85.99	85.38	85.11	85.45	83.92	84.05
132.5	86.98	87.11	87.06	87.47	87.81	87.19	86.73	86.96	85.78	85.89
135.0	88.52	88.76	88.83	89.35	89.63	89.01	88.35	88.43	87.64	87.70
137.5	89.99	90.40	90.55	91.22	91.38	90.76	89.95	89.90	89.56	89.51
140.0	91.55	92.07	92.40	93.03	93.13	92.47	91.61	91.39	91.46	91.34
142.5	93.16	93.81	94.21	94.80	94.83	94.14	93.28	92.97	93.46	93.22
145.0	94.92	95.66	96.16	96.64	96.60	95.85	95.04	94.70	95.64	95.24
147.5	96.90	97.66	98.19	98.55	98.49	97.68	96.93	96.61	97.89	97.39
150.0	99.00	99.84	100.4	100.6	100.4	99.61	98.93	98.63	100.2	99.70
152.5	101.3	102.2	102.6	102.7	102.6	101.7	101.1	100.9	102.8	102.1
155.0	103.8	104.6	105.0	105.0	104.8	104.0	103.4	103.2	105.4	104.7
157.5	106.4	107.2	107.4	107.4	107.2	106.3	105.9	105.7	108.1	107.2
160.0	109.1	109.7	109.8	109.8	109.5	108.7	108.4	108.3	110.8	109.7
162.5	111.8	112.3	112.2	112.2	111.8	111.2	111.0	110.9	113.4	112.1
165.0	114.4	114.8	114.6	114.4	114.1	113.5	113.4	113.3	116.0	114.5
167.5	116.9	117.0	116.6	116.4	116.1	115.7	115.7	115.7	118.3	116.6
170.0	119.2	119.0	118.6	118.3	117.9	117.7	117.7	117.9	120.4	118.6
172.5	121.3	120.7	120.2	119.8	119.5	119.4	119.4	119.7	122.3	120.5
175.0	123.0	121.9	121.4	121.1	120.9	120.8	120.9	121.3	123.6	121.7
177.5	124.2	122.8	122.3	122.0	121.9	121.9	121.9	122.5	124.6	122.6
180.0	124.8	123.1	122.6	122.4	122.4	122.5	122.5	123.0	124.8	123.1

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	8778	8778	8778	8778	8778	8778
2.5	8771	8773	8775	8776	8778	8777
5.0	8745	8749	8752	8752	8758	8760
7.5	8706	8710	8713	8715	8723	8724
10.0	8650	8653	8661	8663	8675	8677
12.5	8581	8578	8588	8592	8606	8606
15.0	8493	8493	8502	8505	8523	8526
17.5	8390	8385	8399	8404	8424	8431
20.0	8269	8263	8279	8286	8309	8316
22.5	8133	8122	8141	8152	8180	8182
25.0	7977	7969	7989	7999	8029	8033
27.5	7805	7799	7821	7830	7865	7867
30.0	7614	7610	7631	7643	7679	7685
32.5	7415	7403	7435	7441	7476	7485
35.0	7183	7175	7201	7212	7252	7264
37.5	6929	6916	6942	6953	6999	7017
40.0	6640	6624	6653	6660	6715	6735
42.5	6319	6300	6327	6336	6400	6417
45.0	5974	5952	5980	5988	6053	6072
47.5	5608	5585	5607	5616	5681	5703
50.0	5231	5200	5219	5225	5290	5319
52.5	4821	4774	4785	4784	4858	4901
55.0	4380	4304	4297	4267	4371	4429
57.5	3871	3756	3728	3692	3811	3893
60.0	3310	3183	3161	3128	3250	3323
62.5	2763	2646	2629	2612	2721	2779
65.0	2263	2157	2148	2142	2240	2275
67.5	1823	1732	1727	1728	1815	1827
70.0	1428	1361	1362	1362	1437	1435
72.5	1089	1051	1061	1059	1113	1103
75.0	801.1	786.5	804.0	800.7	836.5	823.1
77.5	570.3	572.9	593.3	586.5	607.8	594.7
80.0	389.1	398.7	419.2	415.8	426.9	413.0
82.5	274.8	267.4	308.8	290.8	315.2	279.5
85.0	160.7	179.9	198.5	200.0	203.6	188.2
87.5	93.52	116.6	113.3	126.7	118.5	120.7
90.0	53.15	53.38	53.32	53.50	53.95	53.33
92.5	54.16	54.13	53.87	53.70	53.47	53.41
95.0	55.86	55.82	55.54	55.36	55.10	55.06
97.5	57.70	57.66	57.34	57.17	56.89	56.87
100.0	59.62	59.59	59.25	59.07	58.76	58.72
102.5	61.67	61.62	61.26	61.07	60.74	60.71
105.0	63.75	63.69	63.31	63.12	62.77	62.76
107.5	65.88	65.82	65.42	65.19	64.83	64.83
110.0	67.98	67.92	67.55	67.30	66.93	66.94
112.5	70.11	70.03	69.72	69.37	69.03	69.05
115.0	72.18	72.08	71.89	71.45	71.08	71.11
117.5	74.17	74.11	74.03	73.49	73.14	73.14
120.0	76.17	76.11	76.16	75.56	75.22	75.20
122.5	78.12	78.11	78.24	77.59	77.23	77.17
125.0	80.05	80.16	80.34	79.68	79.23	79.14
127.5	81.93	82.18	82.39	81.74	81.18	81.08
130.0	83.81	84.20	84.47	83.83	83.16	83.02
132.5	85.66	86.23	86.52	85.94	85.15	84.94
135.0	87.51	88.23	88.54	88.01	87.15	86.88
137.5	89.38	90.17	90.53	90.12	89.16	88.85
140.0	91.28	92.09	92.46	92.12	91.20	90.77
142.5	93.29	94.09	94.44	94.17	93.25	92.74
145.0	95.34	96.07	96.45	96.20	95.32	94.78
147.5	97.50	98.21	98.57	98.27	97.50	96.96
150.0	99.81	100.4	100.8	100.5	99.76	99.28
152.5	102.2	102.6	103.1	102.9	102.2	101.8
155.0	104.7	105.1	105.4	105.3	104.7	104.4
157.5	107.2	107.6	107.8	107.8	107.2	107.0
160.0	109.7	110.1	110.2	110.2	109.8	109.7
162.5	112.2	112.5	112.6	112.6	112.3	112.3
165.0	114.5	114.9	114.9	114.8	114.6	114.8
167.5	116.6	116.9	117.0	116.9	116.7	117.1
170.0	118.5	118.7	118.7	118.6	118.6	119.0
172.5	120.2	120.3	120.2	120.1	120.1	120.7
175.0	121.4	121.4	121.3	121.3	121.4	121.9
177.5	122.2	122.2	122.1	122.2	122.2	122.7
180.0	122.6	122.4	122.4	122.5	122.5	123.0

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: