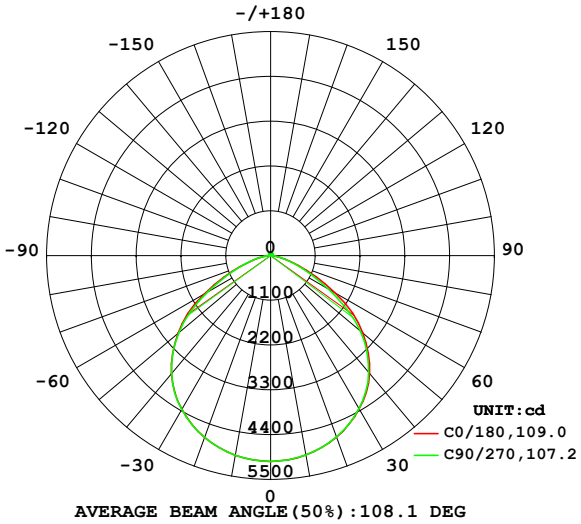
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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:

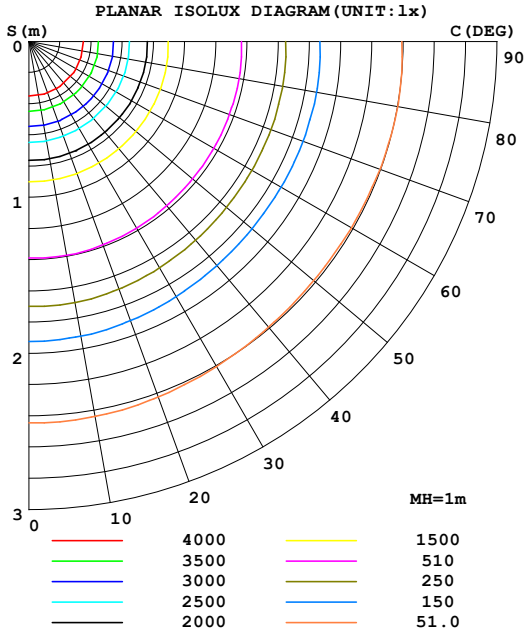
DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.34 lm/W			
MODEL		Imax(cd)	5055	S/MH(C0/180)	1.28
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	13308	η UP,DN(C0-180)	1.1,48.2
NOMINAL FLUX(lm)	13307.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.7
LAMPS INSIDE	1	η up(%)	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%):108.1 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	4976	4981	4976	4964	4979	4984	4981	4987	0- 10	478.9	478.9	3.6,3.6
20	4745	4744	4735	4720	4751	4749	4754	4771	10- 20	1378	1857	14,14
30	4352	4352	4342	4315	4363	4367	4368	4397	20- 30	2107	3964	29.8,29.8
40	3785	3773	3749	3721	3794	3785	3788	3846	30- 40	2561	6526	49,49
50	2959	2921	2878	2868	2965	2942	2943	3037	40- 50	2607	9133	68.6,68.6
60	1841	1661	1617	1678	1877	1776	1772	1930	50- 60	2132	11265	84.7,84.7
70	730.9	672.0	678.4	667.9	795.5	761.8	776.5	816.7	60- 70	1198	12463	93.7,93.7
80	176.6	185.1	185.6	170.4	209.7	228.4	229.2	227.6	70- 80	458.8	12922	97.1,97.1
90	29.76	29.58	29.48	29.89	30.04	30.17	30.19	30.29	80- 90	104.6	13026	97.9,97.9
100	34.23	34.02	33.93	34.38	33.88	33.78	33.70	33.64	90-100	34.64	13061	98.1,98.1
110	39.54	39.28	39.19	39.59	38.64	38.51	38.48	38.35	100-110	38.51	13099	98.4,98.4
120	44.61	44.32	44.40	44.48	43.33	43.25	43.46	43.03	110-120	41.08	13140	98.7,98.7
130	48.77	48.67	48.95	48.59	47.74	47.69	48.24	47.53	120-130	41.31	13182	99.1,99.1
140	52.34	52.81	53.00	52.33	52.07	52.10	52.89	52.18	130-140	38.96	13221	99.3,99.3
150	56.72	57.23	57.30	56.62	57.16	56.80	57.55	57.16	140-150	34.29	13255	99.6,99.6
160	62.43	62.67	62.61	62.11	63.29	62.41	62.83	62.89	150-160	27.59	13283	99.8,99.8
170	68.22	67.67	67.42	67.30	68.90	67.56	67.58	67.91	160-170	18.44	13301	100,100
180	71.46	70.07	69.89	70.04	71.46	70.06	69.89	70.03	170-180	6.576	13308	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7853.5 lm

%lum = 59.0%
%lamp = 59.0%

Conical surface Flux(130deg): 11979 lm

%lum = 90.0%
%lamp = 90.0%

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

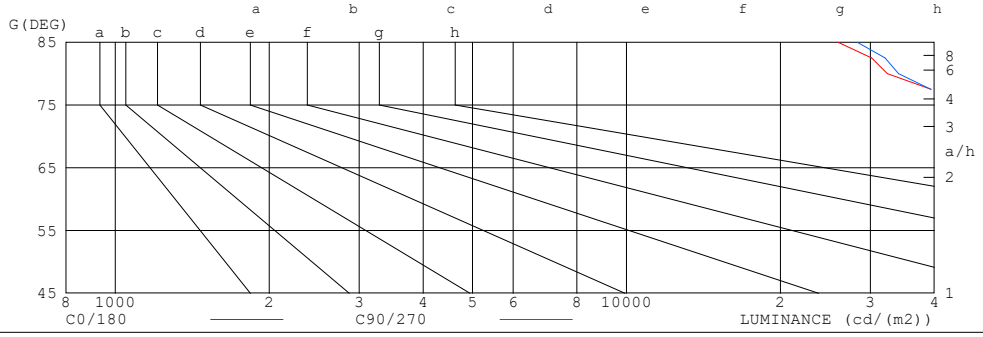
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz **UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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	25949	28298
80	32394	34037
75	47710	46442
70	68084	63175
65	93314	82146
60	117323	102965
55	136534	126517
50	146644	142595
45	153014	150900

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:

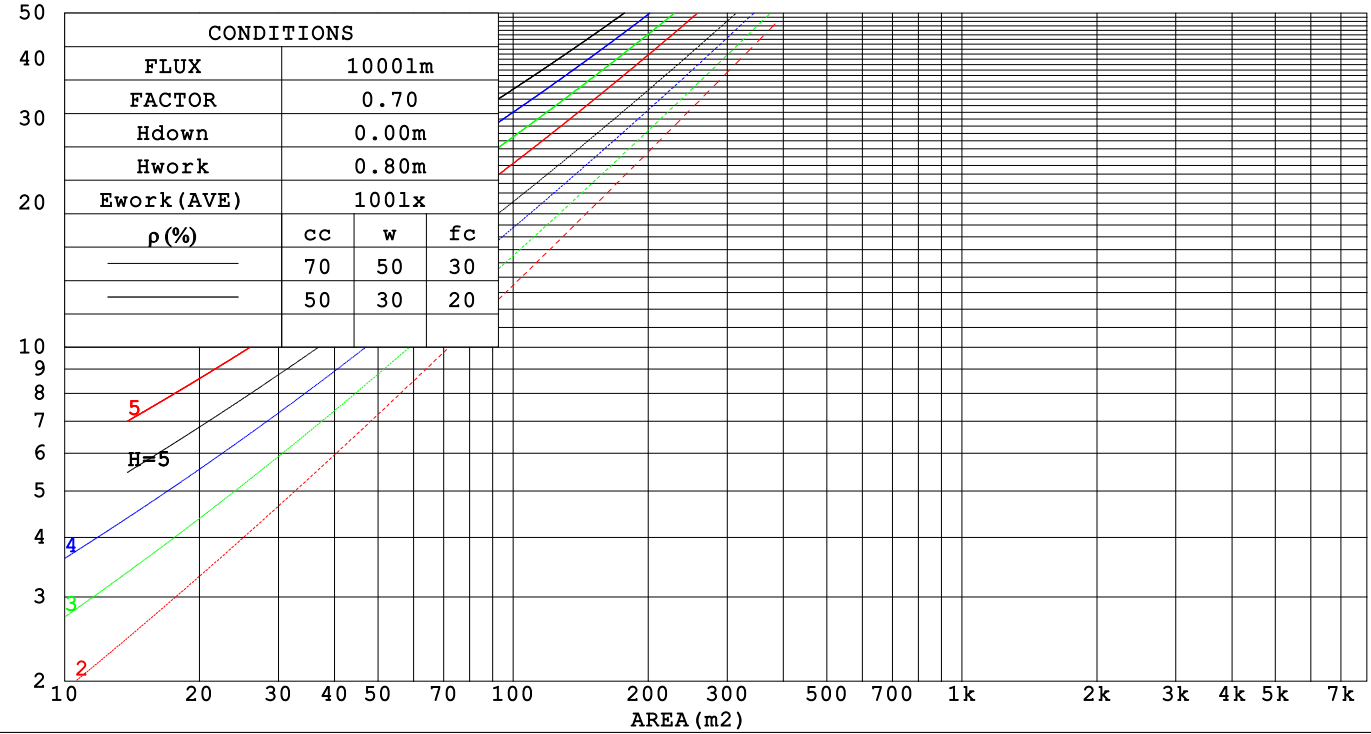
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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	1.02	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.90	.88	.87	.85
2.0	.93	.87	.82	.91	.85	.80	.87	.82	.78	.84	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.71	.67	.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	.57	.51	.62	.55	.50	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.51	.45	.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	.41	.35	.47	.40	.35	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.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:119.86V I:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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	.273	.155	.049	.265	.151	.048	.251	.144	.046	.238	.137	.044	.226	.131	.042	
2.0	.263	.144	.044	.256	.141	.044	.244	.136	.042	.232	.130	.041	.222	.125	.040	
3.0	.248	.132	.040	.242	.130	.039	.231	.125	.038	.221	.121	.037	.211	.117	.036	
4.0	.232	.121	.035	.227	.119	.035	.217	.115	.034	.208	.112	.034	.199	.108	.033	
5.0	.217	.111	.032	.212	.109	.032	.203	.106	.031	.195	.103	.031	.187	.100	.030	
6.0	.203	.102	.029	.199	.100	.029	.191	.098	.028	.183	.095	.028	.176	.093	.028	
7.0	.190	.094	.027	.186	.093	.026	.179	.091	.026	.173	.088	.026	.166	.086	.025	
8.0	.179	.087	.025	.175	.086	.024	.169	.084	.024	.163	.082	.024	.157	.081	.023	
9.0	.168	.081	.023	.165	.080	.023	.159	.079	.022	.154	.077	.022	.149	.075	.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	.154	.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	.151	.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	.133	.085	.050	.092	.060	.035	.053	.035	.021	.017	.011	.007	
7.0	.149	.091	.051	.128	.079	.044	.088	.055	.032	.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:119.86V I:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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	29.6	31.0	29.9	31.2	31.5	29.3	30.7	29.6	30.9	31.1
3H	30.2	31.5	30.5	31.8	32.0	29.8	31.1	30.1	31.4	31.7
4H	30.3	31.5	30.6	31.8	32.1	29.9	31.2	30.3	31.5	31.7
6H	30.3	31.5	30.7	31.8	32.1	30.0	31.1	30.3	31.4	31.7
8H	30.3	31.4	30.7	31.7	32.0	30.0	31.1	30.3	31.4	31.7
12H	30.3	31.3	30.6	31.7	32.0	29.9	31.0	30.3	31.3	31.7
4H 2H	29.8	31.1	30.2	31.3	31.6	29.5	30.8	29.9	31.1	31.4
3H	30.5	31.6	30.9	31.9	32.3	30.2	31.3	30.6	31.6	32.0
4H	30.7	31.7	31.1	32.0	32.4	30.4	31.4	30.8	31.7	32.1
6H	30.8	31.6	31.2	32.0	32.4	30.5	31.4	30.9	31.7	32.2
8H	30.8	31.6	31.2	32.0	32.4	30.5	31.3	31.0	31.7	32.1
12H	30.8	31.5	31.2	31.9	32.4	30.5	31.2	31.0	31.7	32.1
8H 4H	30.7	31.5	31.2	31.9	32.3	30.4	31.2	30.9	31.6	32.1
6H	30.8	31.5	31.3	31.9	32.4	30.6	31.2	31.1	31.7	32.1
8H	30.9	31.4	31.4	31.9	32.4	30.6	31.2	31.1	31.7	32.2
12H	30.9	31.4	31.4	31.9	32.4	30.7	31.2	31.2	31.6	32.2
12H 4H	30.7	31.4	31.1	31.8	32.3	30.4	31.1	30.9	31.5	32.0
6H	30.8	31.4	31.3	31.8	32.3	30.6	31.1	31.1	31.6	32.1
8H	30.9	31.4	31.4	31.8	32.4	30.6	31.1	31.1	31.6	32.1

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 / - 0.6	+ 0.3 / - 0.6
2.0H	+ 0.9 / - 1.1	+ 0.9 / - 1.1

CIE Pub.117, 13308 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.0)
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:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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:

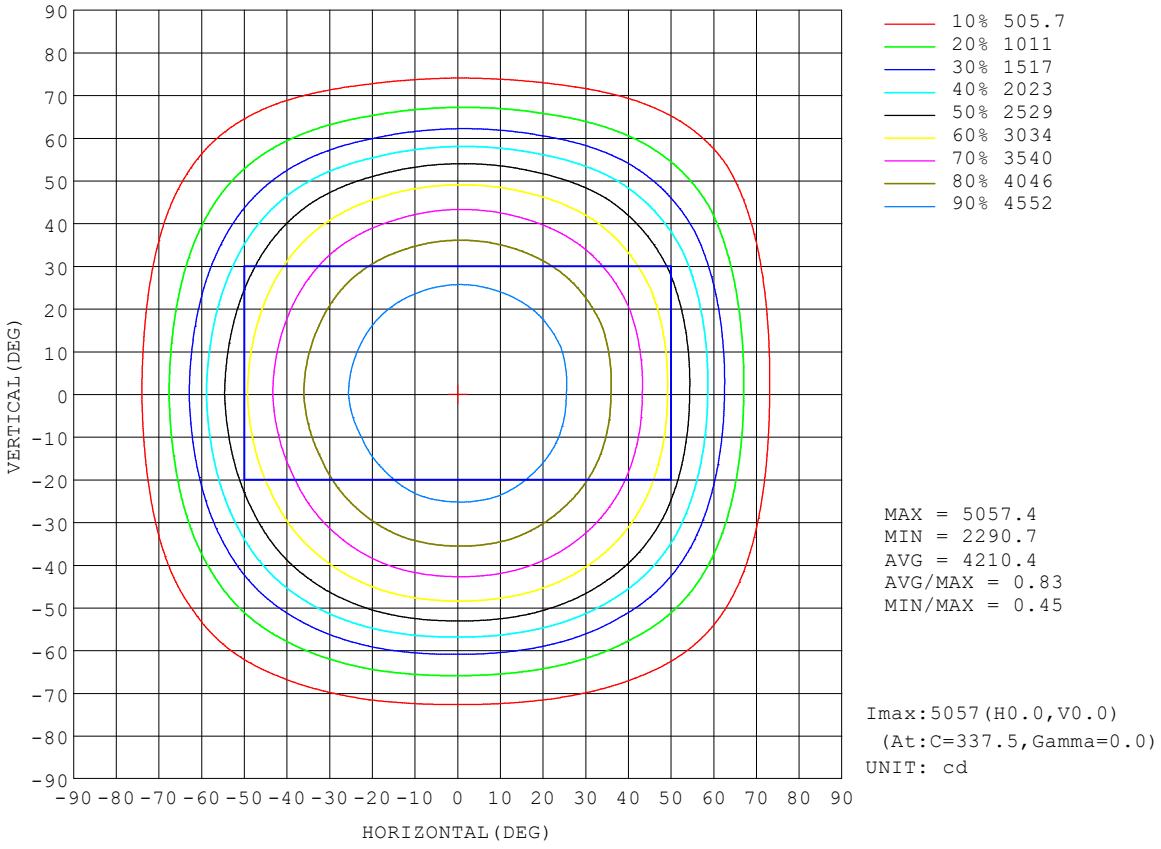
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	42	59	48	42	57	47	41	35
0.80	70	59	52	69	58	52	67	58	51	45
1.00	79	68	62	77	68	61	75	69	61	54
1.25	86	76	70	84	75	69	82	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	99	92	87	95	89	85	77
3.00	104	98	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:119.86V I:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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:



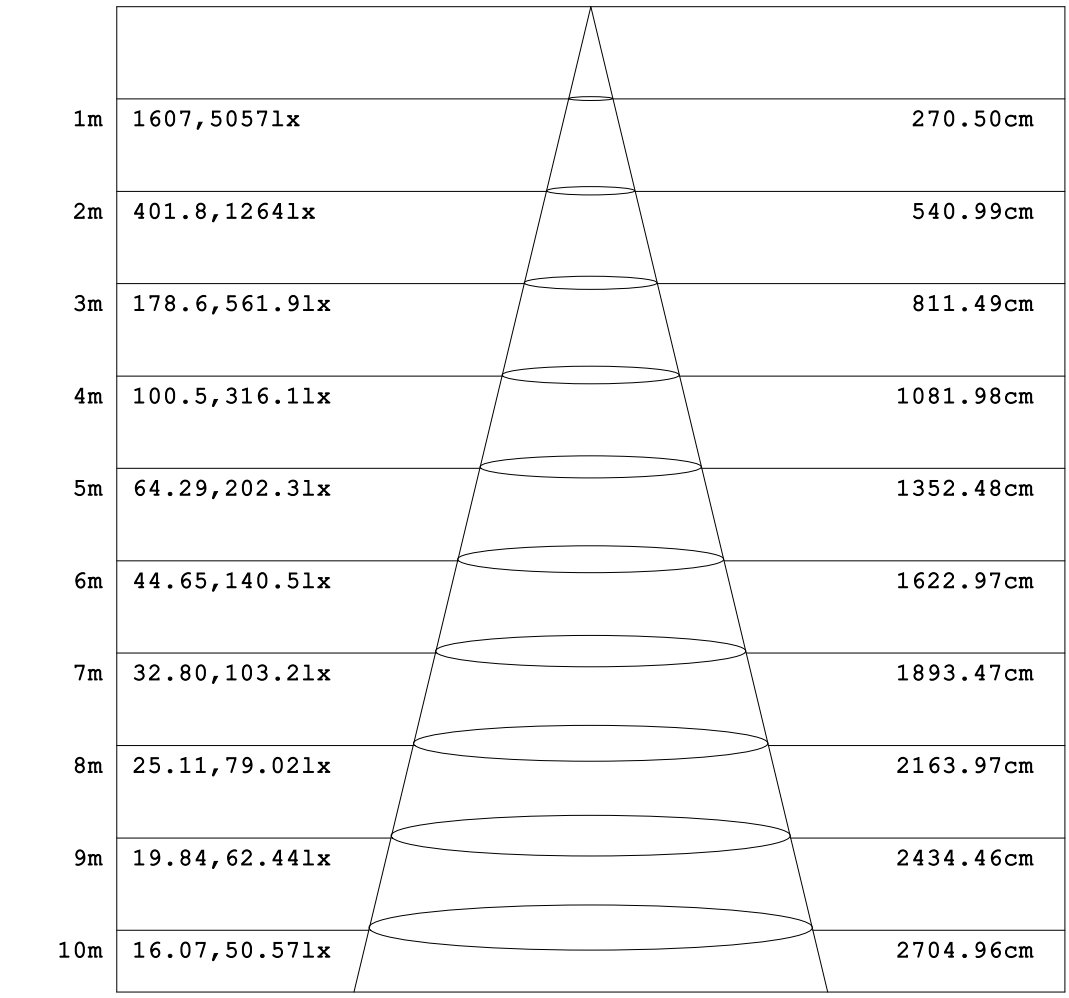
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.86V I:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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:10299 lm



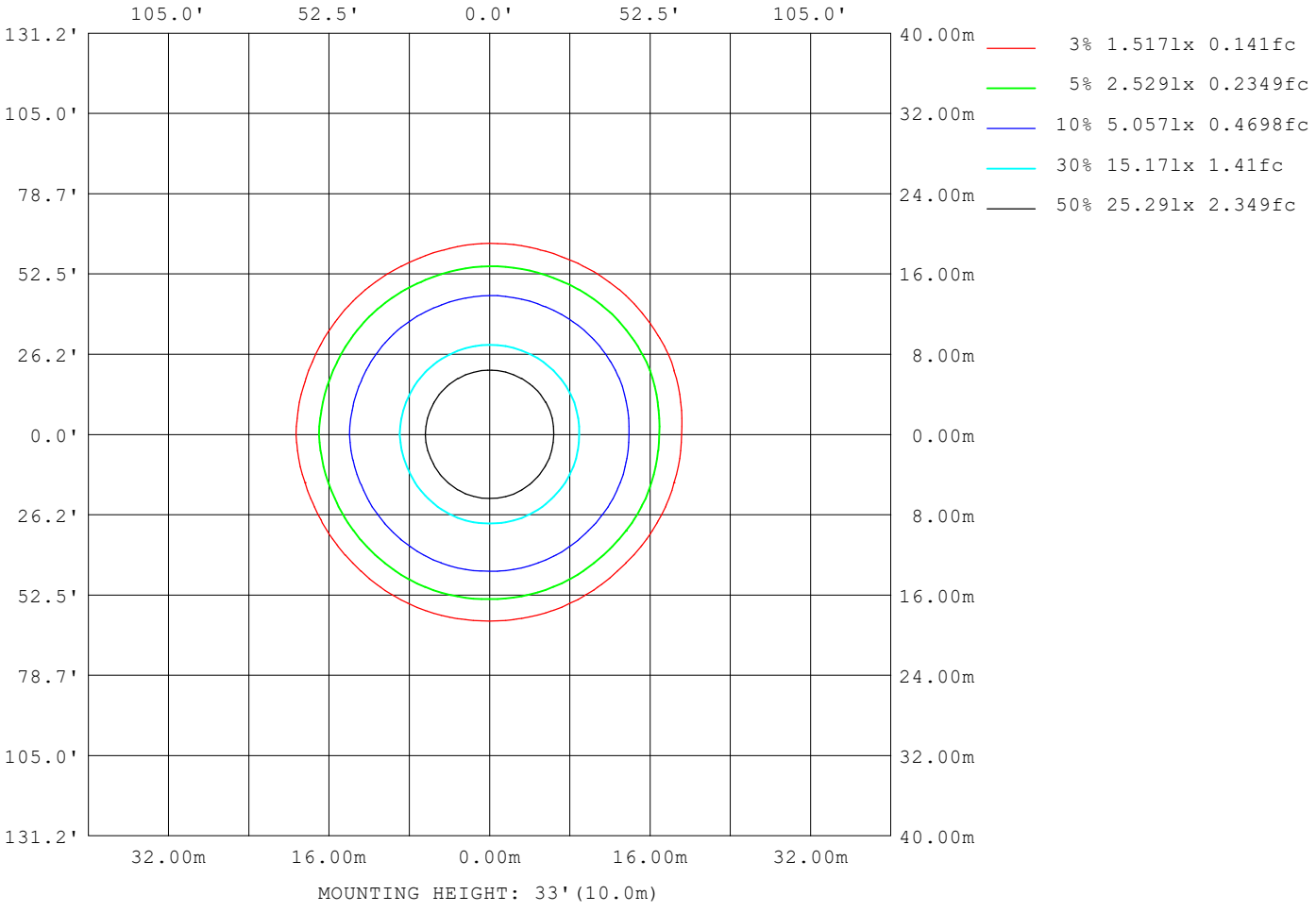
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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:

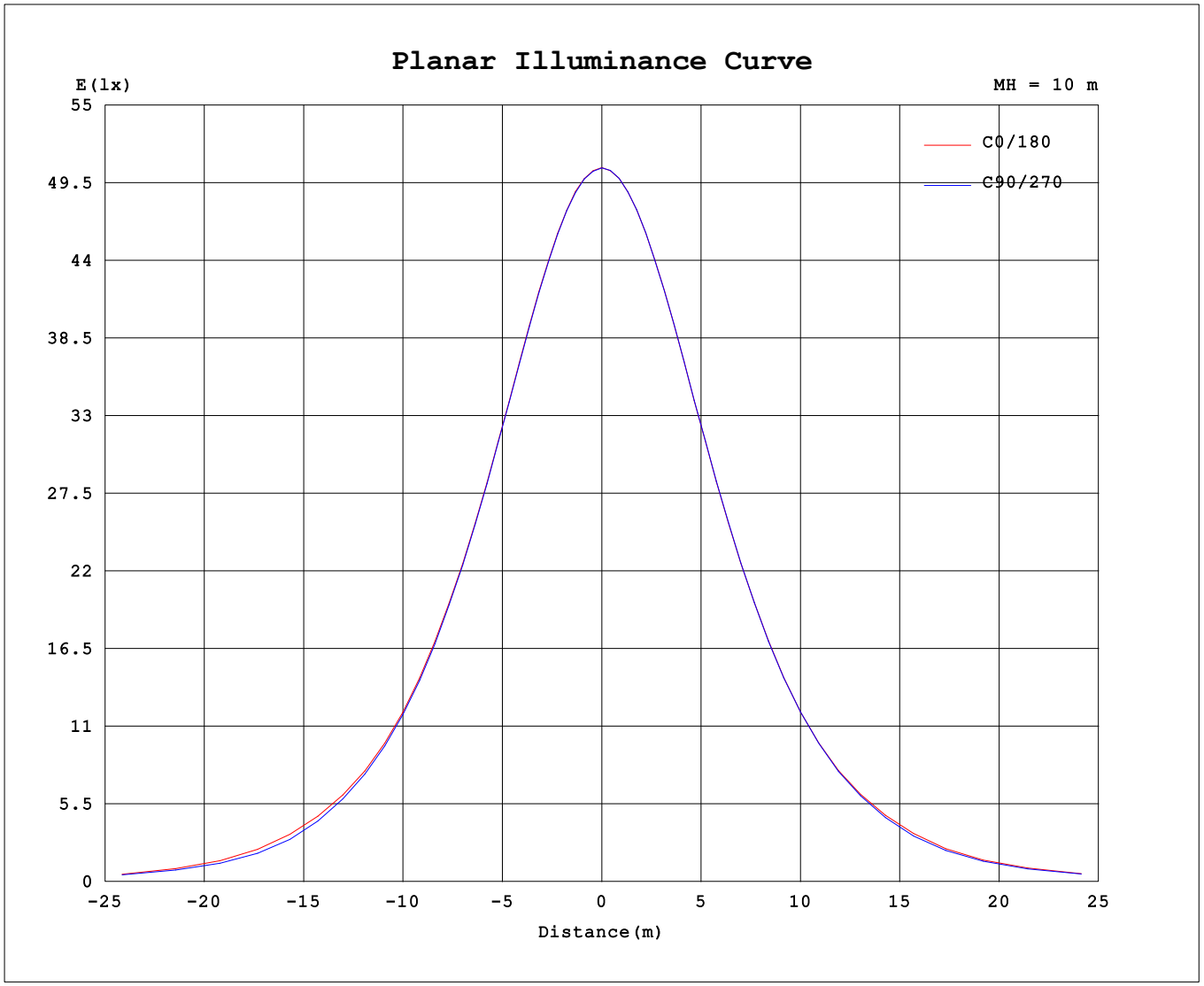
AvgL	cd/m2
L_0~180(65)av	94723
L_0~180(75)av	50903
L_0~180(85)av	28577
L_90~270(65)av	86929
L_90~270(75)av	50847
L_90~270(85)av	34114
L_45(65)av	88712
L_45(75)av	50781
L_45(85)av	32208

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:0.6773A P:80.005W PF:0.9855 Freq:60.01Hz UTHDi:0.48% ITHDi:5.37% KDisp:0.0000 Lamp Flux:13307.6x1 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

C(DEG) / γ (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	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055			
5	5035	5036	5039	5039	5034	5030	5031	5029	5036	5036	5040	5036	5039	5037	5042	5044			
10	4976	4982	4981	4981	4976	4972	4964	4964	4979	4976	4984	4977	4981	4980	4987	4996			
15	4879	4885	4883	4880	4874	4871	4860	4861	4883	4879	4886	4879	4884	4889	4900	4904			
20	4745	4750	4744	4746	4735	4735	4720	4715	4751	4745	4749	4744	4754	4756	4771	4777			
25	4568	4575	4568	4573	4561	4561	4536	4537	4574	4568	4573	4569	4579	4585	4601	4610			
30	4352	4361	4352	4359	4342	4341	4315	4314	4363	4353	4367	4355	4368	4373	4397	4405			
35	4096	4104	4088	4100	4079	4078	4051	4048	4108	4098	4110	4099	4111	4123	4147	4161			
40	3785	3793	3773	3771	3749	3751	3721	3716	3794	3778	3785	3767	3788	3806	3846	3856			
45	3396	3406	3381	3375	3350	3350	3317	3320	3401	3388	3392	3370	3402	3416	3461	3478			
50	2959	2956	2921	2898	2878	2888	2868	2886	2965	2948	2942	2927	2943	2968	3037	3052			
55	2458	2449	2358	2322	2279	2321	2333	2371	2488	2437	2429	2374	2412	2444	2547	2570			
60	1841	1779	1661	1641	1617	1658	1678	1737	1877	1800	1776	1731	1772	1808	1930	1978			
65	1238	1162	1090	1095	1090	1111	1104	1149	1276	1240	1204	1194	1217	1250	1311	1343			
70	731	709	672	680	678	687	668	695	795	771	762	746	776	779	817	840			
75	388	389	379	385	377	382	365	369	440	437	446	437	449	445	461	465			
80	177	183	185	190	186	183	170	168	210	217	228	225	229	223	228	221			
85	71.0	74.9	77.6	81.5	77.4	75.8	68.5	66.8	85.4	94.4	107	106	109	103	99.6	91.1			
90	29.8	29.6	29.6	29.4	29.5	29.5	29.9	30.0	30.0	30.2	30.2	30.2	30.2	30.3	30.3	30.2			
95	31.8	31.6	31.6	31.4	31.5	31.6	32.0	32.1	31.7	31.8	31.6	31.7	31.6	31.6	31.5	31.5			
100	34.2	34.0	34.0	33.8	33.9	34.0	34.4	34.6	33.9	33.9	33.8	33.8	33.7	33.8	33.6	33.7			
105	36.9	36.6	36.6	36.4	36.5	36.5	37.0	37.2	36.2	36.3	36.1	36.1	36.0	36.1	35.9	36.0			
110	39.5	39.3	39.3	39.0	39.2	39.2	39.6	39.8	38.6	38.7	38.5	38.6	38.5	38.5	38.3	38.4			
115	42.2	41.9	41.9	41.6	41.9	41.7	42.1	42.4	41.0	41.1	40.9	41.0	41.0	40.9	40.7	40.7			
120	44.6	44.4	44.3	44.1	44.4	44.2	44.5	44.8	43.3	43.4	43.3	43.3	43.5	43.2	43.0	43.0			
125	46.8	46.7	46.6	46.4	46.8	46.5	46.6	46.9	45.6	45.7	45.5	45.7	45.9	45.6	45.3	45.2			
130	48.8	48.7	48.7	48.7	49.0	48.7	48.6	48.8	47.7	47.8	47.7	48.1	48.2	48.0	47.5	47.4			
135	50.6	50.7	50.7	50.8	51.0	50.7	50.5	50.5	49.9	49.9	49.9	50.4	50.6	50.4	49.8	49.6			
140	52.3	52.7	52.8	52.9	53.0	52.6	52.3	52.3	52.1	52.0	52.1	52.6	52.9	52.7	52.2	51.9			
145	54.4	54.7	55.0	54.9	55.0	54.6	54.4	54.2	54.5	54.2	54.4	54.8	55.2	55.1	54.6	54.2			
150	56.7	57.1	57.2	57.2	57.3	56.9	56.6	56.5	57.2	56.8	56.8	57.2	57.5	57.5	57.2	56.9			
155	59.5	59.7	59.9	59.8	59.9	59.4	59.2	59.1	60.2	59.6	59.5	59.8	60.2	60.2	60.0	59.8			
160	62.4	62.6	62.7	62.6	62.6	62.2	62.1	62.0	63.3	62.5	62.4	62.6	62.8	63.0	62.9	62.8			
165	65.5	65.6	65.4	65.3	65.2	65.0	65.0	64.9	66.3	65.2	65.1	65.3	65.5	65.6	65.7	65.8			
170	68.2	68.0	67.7	67.5	67.4	67.3	67.3	67.4	68.9	67.7	67.6	67.5	67.6	67.8	67.9	68.2			
175	70.3	69.7	69.3	69.1	69.0	69.0	69.0	69.4	70.7	69.5	69.3	69.2	69.1	69.2	69.4	69.8			
180	71.5	70.3	70.1	69.9	69.9	69.9	70.0	70.4	71.5	70.3	70.1	70.0	69.9	69.9	70.0	70.4			

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	5055	5055	5055	5055	5055	5055	5055	5055	5055	5055
2.5	5048	5048	5052	5050	5047	5048	5046	5044	5049	5049
5.0	5035	5036	5039	5039	5034	5030	5031	5029	5036	5036
7.5	5014	5015	5014	5013	5007	5005	5001	4999	5010	5012
10.0	4976	4982	4981	4981	4976	4972	4964	4964	4979	4976
12.5	4933	4937	4936	4936	4929	4926	4918	4916	4935	4933
15.0	4879	4885	4883	4880	4874	4871	4860	4861	4883	4879
17.5	4817	4823	4818	4816	4809	4806	4797	4794	4823	4817
20.0	4745	4750	4744	4746	4735	4735	4720	4715	4751	4745
22.5	4662	4668	4662	4664	4653	4653	4633	4630	4672	4661
25.0	4568	4575	4568	4573	4561	4561	4536	4537	4574	4568
27.5	4465	4473	4465	4472	4458	4453	4430	4429	4473	4468
30.0	4352	4361	4352	4359	4342	4341	4315	4314	4363	4353
32.5	4230	4234	4227	4238	4219	4218	4192	4189	4241	4231
35.0	4096	4104	4088	4100	4079	4078	4051	4048	4108	4098
37.5	3951	3958	3940	3944	3927	3926	3896	3891	3959	3945
40.0	3785	3793	3773	3771	3749	3751	3721	3716	3794	3778
42.5	3600	3608	3586	3582	3557	3559	3528	3527	3606	3588
45.0	3396	3406	3381	3375	3350	3350	3317	3320	3401	3388
47.5	3182	3190	3161	3153	3123	3130	3100	3107	3188	3173
50.0	2959	2956	2921	2898	2878	2888	2868	2886	2965	2948
52.5	2722	2723	2660	2643	2601	2627	2617	2639	2743	2702
55.0	2458	2449	2358	2322	2279	2321	2333	2371	2488	2437
57.5	2160	2132	2006	1965	1929	1981	2007	2065	2199	2125
60.0	1841	1779	1661	1641	1617	1658	1678	1737	1877	1800
62.5	1518	1449	1354	1352	1335	1366	1369	1426	1563	1496
65.0	1238	1162	1090	1095	1090	1111	1104	1149	1276	1240
67.5	957.5	917.1	860.3	870.4	869.3	882.7	867.7	905.8	1023	983.7
70.0	730.9	709.3	672.0	679.5	678.4	687.3	667.9	694.7	795.5	770.7
72.5	541.2	531.8	512.8	518.5	515.5	520.6	500.9	514.8	603.0	589.0
75.0	387.6	388.8	379.4	385.3	377.4	382.3	364.7	369.5	439.8	437.1
77.5	268.2	285.8	269.9	287.7	267.8	282.7	255.5	268.5	324.7	315.1
80.0	176.6	182.8	185.1	190.3	185.6	183.2	170.4	167.6	209.7	217.1
82.5	123.7	121.6	131.3	132.3	131.5	123.8	111.5	107.1	134.9	143.2
85.0	70.99	74.88	77.58	81.47	77.44	75.80	68.51	66.83	85.42	94.36
87.5	36.44	36.22	35.46	36.84	34.20	35.74	33.32	34.38	48.52	52.28
90.0	29.76	29.59	29.58	29.37	29.48	29.54	29.89	30.04	30.04	30.19
92.5	30.71	30.53	30.52	30.32	30.43	30.50	30.85	31.01	30.75	30.80
95.0	31.81	31.63	31.62	31.41	31.52	31.59	31.96	32.12	31.71	31.76
97.5	33.00	32.81	32.79	32.56	32.71	32.75	33.14	33.29	32.78	32.83
100.0	34.23	34.04	34.02	33.80	33.93	33.98	34.38	34.55	33.88	33.93
102.5	35.54	35.33	35.31	35.06	35.21	35.26	35.68	35.86	35.03	35.08
105.0	36.86	36.65	36.62	36.36	36.51	36.54	36.97	37.17	36.22	36.26
107.5	38.22	37.99	37.96	37.68	37.87	37.86	38.29	38.50	37.43	37.47
110.0	39.54	39.32	39.28	38.98	39.19	39.16	39.59	39.82	38.64	38.68
112.5	40.88	40.65	40.60	40.30	40.54	40.46	40.88	41.13	39.84	39.90
115.0	42.18	41.95	41.88	41.59	41.87	41.72	42.12	42.40	41.03	41.10
117.5	43.42	43.21	43.12	42.85	43.17	42.98	43.32	43.60	42.19	42.27
120.0	44.61	44.40	44.32	44.06	44.40	44.16	44.48	44.76	43.33	43.43
122.5	45.75	45.56	45.46	45.27	45.58	45.33	45.56	45.85	44.46	44.56
125.0	46.81	46.66	46.58	46.44	46.76	46.48	46.61	46.88	45.58	45.67
127.5	47.82	47.73	47.63	47.56	47.84	47.60	47.61	47.86	46.67	46.76
130.0	48.77	48.73	48.67	48.69	48.95	48.67	48.59	48.78	47.74	47.83
132.5	49.68	49.73	49.71	49.75	49.98	49.70	49.51	49.63	48.79	48.87
135.0	50.56	50.70	50.74	50.80	51.01	50.69	50.48	50.50	49.86	49.90
137.5	51.41	51.67	51.76	51.85	52.00	51.65	51.38	51.36	50.94	50.94
140.0	52.34	52.66	52.81	52.87	53.00	52.63	52.33	52.27	52.07	51.98
142.5	53.33	53.66	53.88	53.89	54.01	53.63	53.30	53.22	53.28	53.08
145.0	54.38	54.70	54.96	54.95	55.05	54.62	54.36	54.23	54.51	54.22
147.5	55.50	55.83	56.07	56.04	56.16	55.70	55.45	55.31	55.82	55.47
150.0	56.72	57.09	57.23	57.19	57.30	56.85	56.62	56.49	57.16	56.78
152.5	58.07	58.39	58.50	58.47	58.57	58.08	57.89	57.77	58.64	58.15
155.0	59.47	59.73	59.85	59.81	59.89	59.43	59.24	59.11	60.17	59.59
157.5	60.93	61.16	61.26	61.17	61.28	60.85	60.67	60.53	61.71	61.01
160.0	62.43	62.62	62.67	62.56	62.61	62.22	62.11	61.99	63.29	62.48
162.5	63.97	64.15	64.05	63.97	63.92	63.62	63.56	63.48	64.83	63.90
165.0	65.50	65.57	65.37	65.28	65.19	64.98	64.95	64.90	66.32	65.25
167.5	66.88	66.84	66.55	66.45	66.33	66.21	66.19	66.18	67.68	66.53
170.0	68.22	67.96	67.67	67.53	67.42	67.28	67.30	67.38	68.90	67.73
172.5	69.38	68.95	68.56	68.42	68.28	68.19	68.30	68.48	69.99	68.80
175.0	70.35	69.68	69.29	69.13	68.96	68.97	69.05	69.38	70.70	69.51
177.5	71.07	70.15	69.87	69.71	69.54	69.62	69.69	70.07	71.29	70.02
180.0	71.46	70.29	70.07	69.94	69.89	69.94	70.04	70.35	71.46	70.28

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	5055	5055	5055	5055	5055	5055
2.5	5052	5050	5052	5050	5052	5052
5.0	5040	5036	5039	5037	5042	5044
7.5	5016	5012	5012	5014	5019	5023
10.0	4984	4977	4981	4980	4987	4996
12.5	4939	4934	4939	4939	4949	4953
15.0	4886	4879	4884	4889	4900	4904
17.5	4822	4814	4823	4826	4837	4845
20.0	4749	4744	4754	4756	4771	4777
22.5	4666	4660	4673	4675	4691	4697
25.0	4573	4569	4579	4585	4601	4610
27.5	4474	4467	4479	4483	4507	4509
30.0	4367	4355	4368	4373	4397	4405
32.5	4247	4237	4250	4255	4279	4291
35.0	4110	4099	4111	4123	4147	4161
37.5	3959	3943	3958	3972	4006	4018
40.0	3785	3767	3788	3806	3846	3856
42.5	3596	3574	3602	3620	3660	3673
45.0	3392	3370	3402	3416	3461	3478
47.5	3177	3154	3183	3196	3252	3270
50.0	2942	2927	2943	2968	3037	3052
52.5	2707	2670	2703	2720	2800	2819
55.0	2429	2374	2412	2444	2547	2570
57.5	2106	2046	2089	2128	2254	2295
60.0	1776	1731	1772	1808	1930	1978
62.5	1475	1440	1482	1506	1606	1646
65.0	1204	1194	1217	1250	1311	1343
67.5	967.0	946.9	983.9	993.1	1047	1077
70.0	761.8	745.9	776.5	779.4	816.7	839.6
72.5	590.1	578.4	599.5	597.5	622.4	636.5
75.0	445.8	436.8	449.0	444.8	460.8	464.9
77.5	327.6	318.1	325.7	320.7	332.0	328.4
80.0	228.4	224.7	229.2	223.4	227.6	221.0
82.5	157.4	156.8	159.8	152.3	151.0	141.7
85.0	106.9	106.2	109.3	102.7	99.57	91.07
87.5	59.51	57.84	60.97	57.79	59.03	53.61
90.0	30.17	30.21	30.19	30.26	30.29	30.18
92.5	30.69	30.73	30.61	30.65	30.55	30.56
95.0	31.65	31.68	31.56	31.61	31.49	31.52
97.5	32.70	32.73	32.61	32.67	32.54	32.56
100.0	33.78	33.82	33.70	33.77	33.64	33.65
102.5	34.92	34.96	34.85	34.91	34.77	34.79
105.0	36.09	36.14	36.03	36.09	35.94	35.97
107.5	37.29	37.35	37.25	37.29	37.13	37.16
110.0	38.51	38.56	38.48	38.51	38.35	38.36
112.5	39.71	39.75	39.71	39.70	39.54	39.55
115.0	40.90	40.95	40.97	40.90	40.73	40.74
117.5	42.09	42.14	42.23	42.08	41.88	41.87
120.0	43.25	43.34	43.46	43.25	43.03	43.01
122.5	44.39	44.53	44.67	44.43	44.14	44.11
125.0	45.50	45.72	45.87	45.62	45.27	45.21
127.5	46.60	46.91	47.08	46.81	46.38	46.31
130.0	47.69	48.08	48.24	48.01	47.53	47.42
132.5	48.79	49.25	49.43	49.21	48.66	48.52
135.0	49.90	50.37	50.62	50.38	49.82	49.60
137.5	51.00	51.51	51.77	51.59	51.01	50.72
140.0	52.10	52.60	52.89	52.71	52.18	51.86
142.5	53.22	53.73	54.02	53.92	53.38	53.03
145.0	54.35	54.83	55.15	55.06	54.60	54.25
147.5	55.55	55.99	56.33	56.28	55.85	55.52
150.0	56.80	57.17	57.55	57.53	57.16	56.86
152.5	58.10	58.44	58.85	58.86	58.53	58.29
155.0	59.47	59.80	60.16	60.23	59.97	59.78
157.5	60.93	61.19	61.51	61.64	61.40	61.32
160.0	62.41	62.59	62.83	62.99	62.89	62.84
162.5	63.80	63.96	64.18	64.34	64.31	64.35
165.0	65.15	65.26	65.46	65.59	65.66	65.81
167.5	66.42	66.47	66.60	66.76	66.87	67.11
170.0	67.56	67.53	67.58	67.78	67.91	68.23
172.5	68.55	68.45	68.40	68.59	68.76	69.11
175.0	69.33	69.19	69.13	69.22	69.45	69.77
177.5	69.90	69.67	69.68	69.69	69.90	70.22
180.0	70.06	69.97	69.89	69.92	70.03	70.35

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: