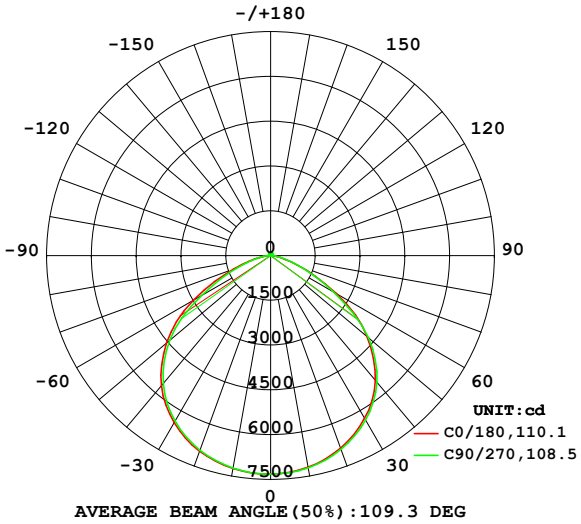
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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:

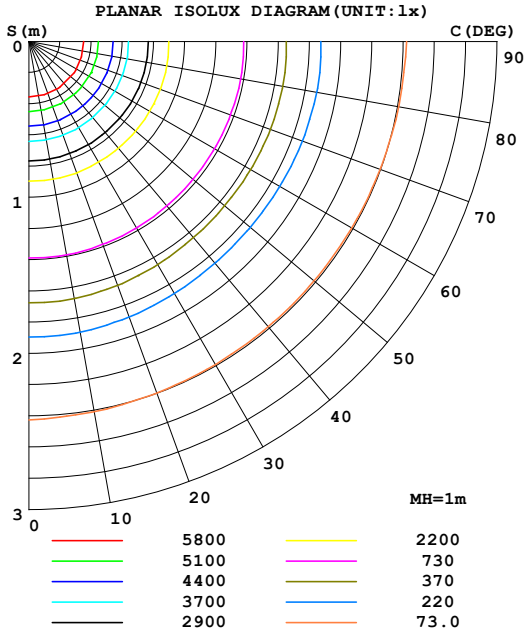
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 162.86 lm/W	
MODEL		Imax(cd)	7323	S/MH(C0/180)	1.31
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	19623	η UP,DN(C0-180)	1.1,47.9
NOMINAL FLUX(lm)	19623.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,50.0
LAMPS INSIDE	1	η up(%)	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	7202	7212	7220	7221	7243	7239	7229	7230	0- 10	694.2	694.2	3.54,3.54
20	6864	6880	6903	6911	6970	6952	6933	6925	10- 20	2004	2698	13.8,13.8
30	6297	6324	6363	6375	6463	6439	6406	6400	20- 30	3079	5777	29.4,29.4
40	5459	5473	5540	5557	5692	5654	5599	5596	30- 40	3763	9540	48.6,48.6
50	4223	4222	4284	4363	4547	4487	4417	4413	40- 50	3857	13397	68.3,68.3
60	2539	2336	2416	2638	2984	2780	2667	2760	50- 60	3175	16572	84.5,84.5
70	969.1	934.5	1012	1072	1323	1216	1173	1158	60- 70	1792	18364	93.6,93.6
80	222.6	248.7	271.8	280.5	374.6	377.6	346.4	334.3	70- 80	688.0	19052	97.1,97.1
90	44.43	43.80	43.31	43.58	46.95	47.38	44.48	44.33	80- 90	158.6	19211	97.9,97.9
100	51.17	50.46	49.82	49.99	49.24	49.29	49.73	50.03	90-100	51.06	19262	98.2,98.2
110	58.95	58.15	57.57	57.60	56.07	56.14	56.72	56.96	100-110	56.65	19318	98.4,98.4
120	66.15	65.42	65.16	64.79	62.86	63.02	63.91	63.69	110-120	60.34	19379	98.8,98.8
130	72.06	71.63	71.78	70.84	69.23	69.44	70.82	70.13	120-130	60.56	19439	99.1,99.1
140	77.12	77.65	77.72	76.31	75.42	75.78	77.53	76.84	130-140	57.05	19496	99.4,99.4
150	83.55	84.18	83.93	82.55	82.90	82.61	84.40	84.14	140-150	50.19	19546	99.6,99.6
160	91.89	92.03	91.72	90.56	91.92	90.71	92.07	92.50	150-160	40.37	19587	99.8,99.8
170	100.1	99.18	98.74	98.26	100.5	98.50	99.09	99.70	160-170	26.98	19614	100,100
180	104.3	102.4	102.2	102.5	104.7	102.6	102.4	102.6	170-180	9.624	19623	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11501 lm

%lum = 58.6%
%lamp = 58.6%

Conical surface Flux(130deg): 17639 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

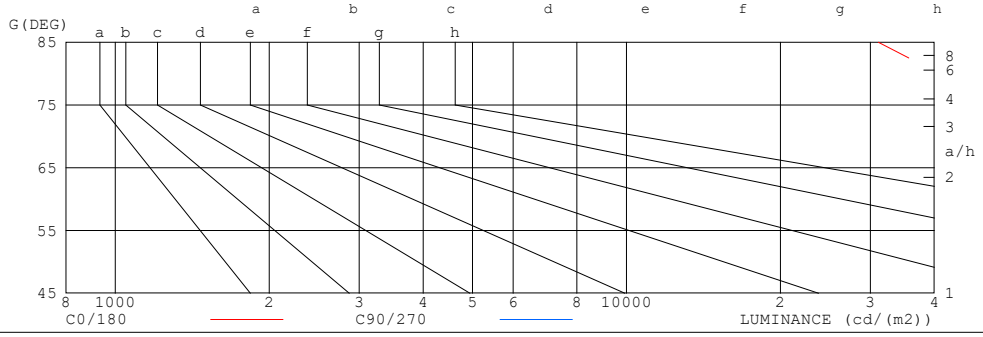
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz **UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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	31084	43358
80	41255	49734
75	62331	68676
70	91180	94053
65	126051	122021
60	163394	153534
55	194597	187987
50	211437	211775
45	221938	223266

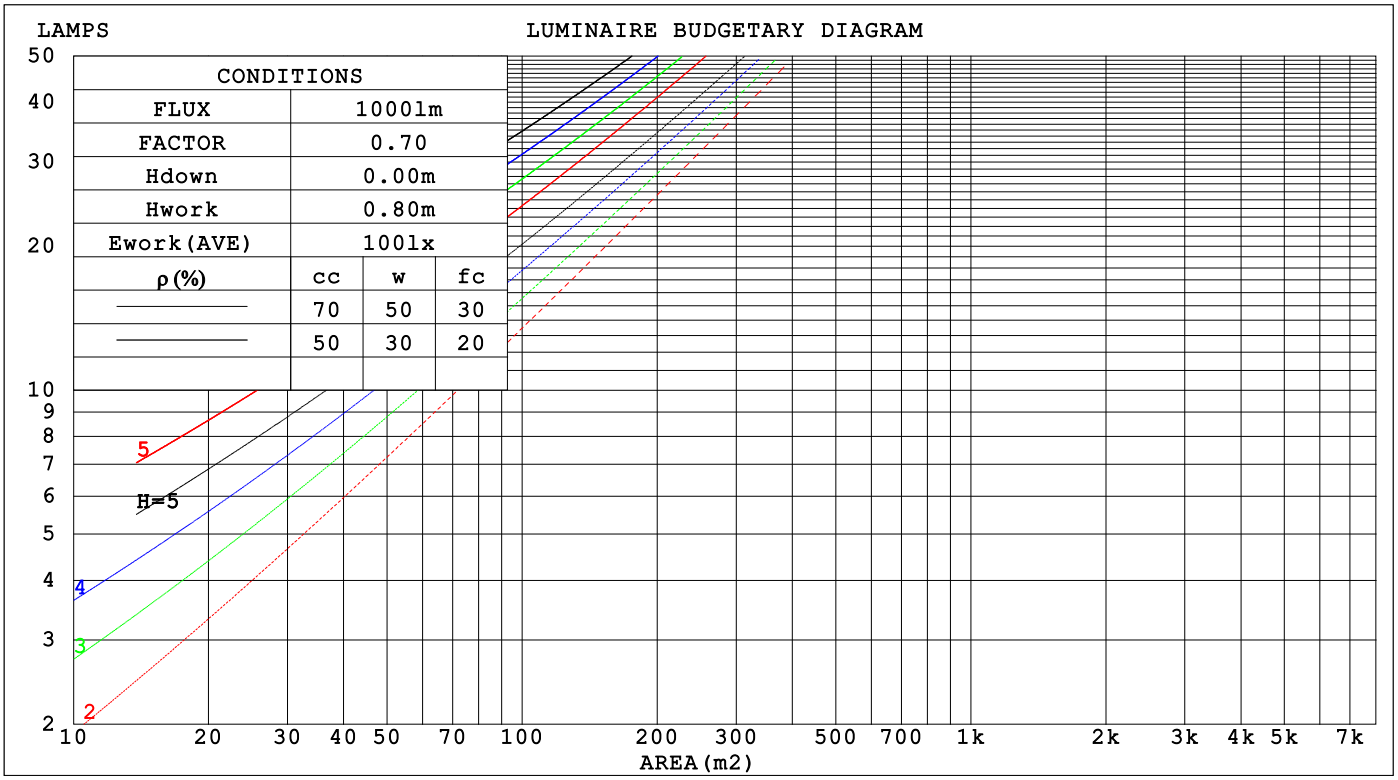
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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	.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	.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	.081	.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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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	30.7	32.1	31.0	32.3	32.6	30.6	32.0	30.9	32.2	32.5
3H	31.2	32.5	31.5	32.8	33.1	31.1	32.4	31.5	32.7	33.0
4H	31.3	32.5	31.6	32.8	33.1	31.2	32.5	31.6	32.8	33.1
6H	31.3	32.4	31.7	32.8	33.1	31.3	32.4	31.6	32.7	33.0
8H	31.3	32.4	31.6	32.7	33.0	31.3	32.4	31.6	32.7	33.0
12H	31.2	32.3	31.6	32.6	33.0	31.2	32.3	31.6	32.6	33.0
4H 2H	30.9	32.1	31.3	32.4	32.7	30.8	32.0	31.2	32.3	32.6
3H	31.6	32.6	31.9	33.0	33.3	31.5	32.6	31.9	32.9	33.2
4H	31.7	32.7	32.1	33.0	33.4	31.7	32.6	32.1	33.0	33.4
6H	31.7	32.6	32.2	33.0	33.4	31.8	32.6	32.2	33.0	33.4
8H	31.7	32.5	32.2	32.9	33.4	31.8	32.6	32.2	33.0	33.4
12H	31.7	32.4	32.2	32.9	33.3	31.8	32.5	32.2	32.9	33.4
8H 4H	31.7	32.5	32.1	32.9	33.3	31.7	32.5	32.1	32.9	33.3
6H	31.8	32.4	32.3	32.9	33.3	31.8	32.5	32.3	32.9	33.4
8H	31.8	32.4	32.3	32.8	33.3	31.9	32.4	32.4	32.9	33.4
12H	31.8	32.3	32.3	32.8	33.3	31.9	32.4	32.4	32.9	33.4
12H 4H	31.7	32.4	32.1	32.8	33.3	31.6	32.4	32.1	32.8	33.2
6H	31.8	32.3	32.3	32.8	33.3	31.8	32.4	32.3	32.8	33.3
8H	31.8	32.3	32.3	32.8	33.3	31.9	32.3	32.4	32.8	33.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.6				
2.0H	+ 1.0 / - 1.3					+ 1.0 / - 1.3				

CIE Pub.117, 19623 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.3)
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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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:

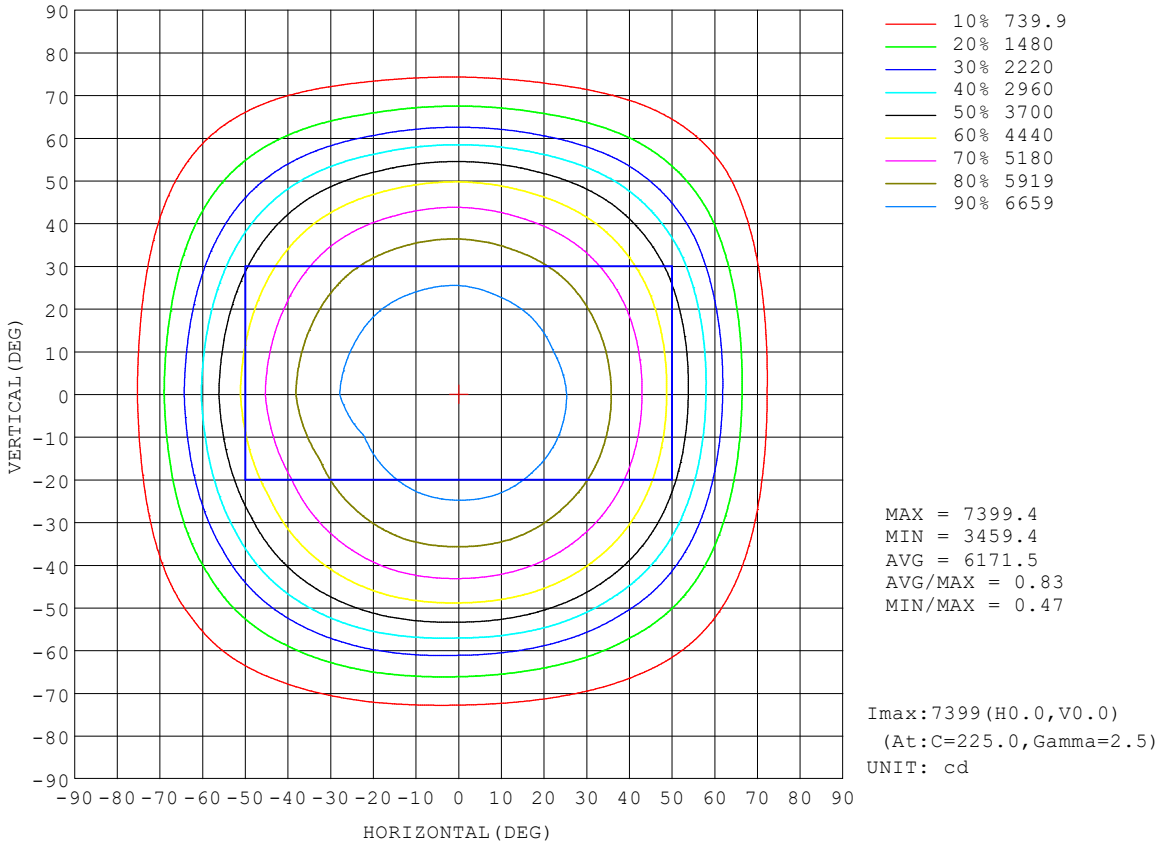
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	70	59	52	69	58	51	67	57	51	44
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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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:



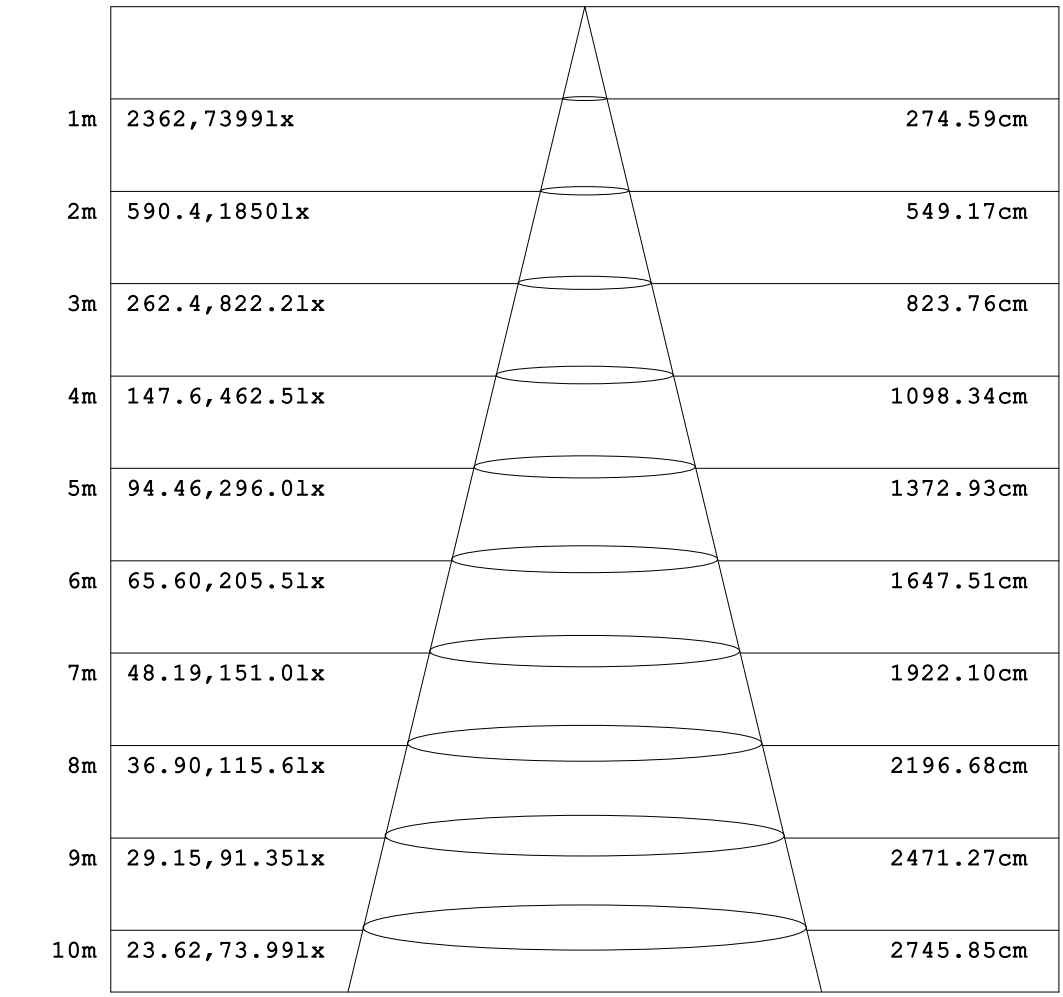
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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:15132 lm



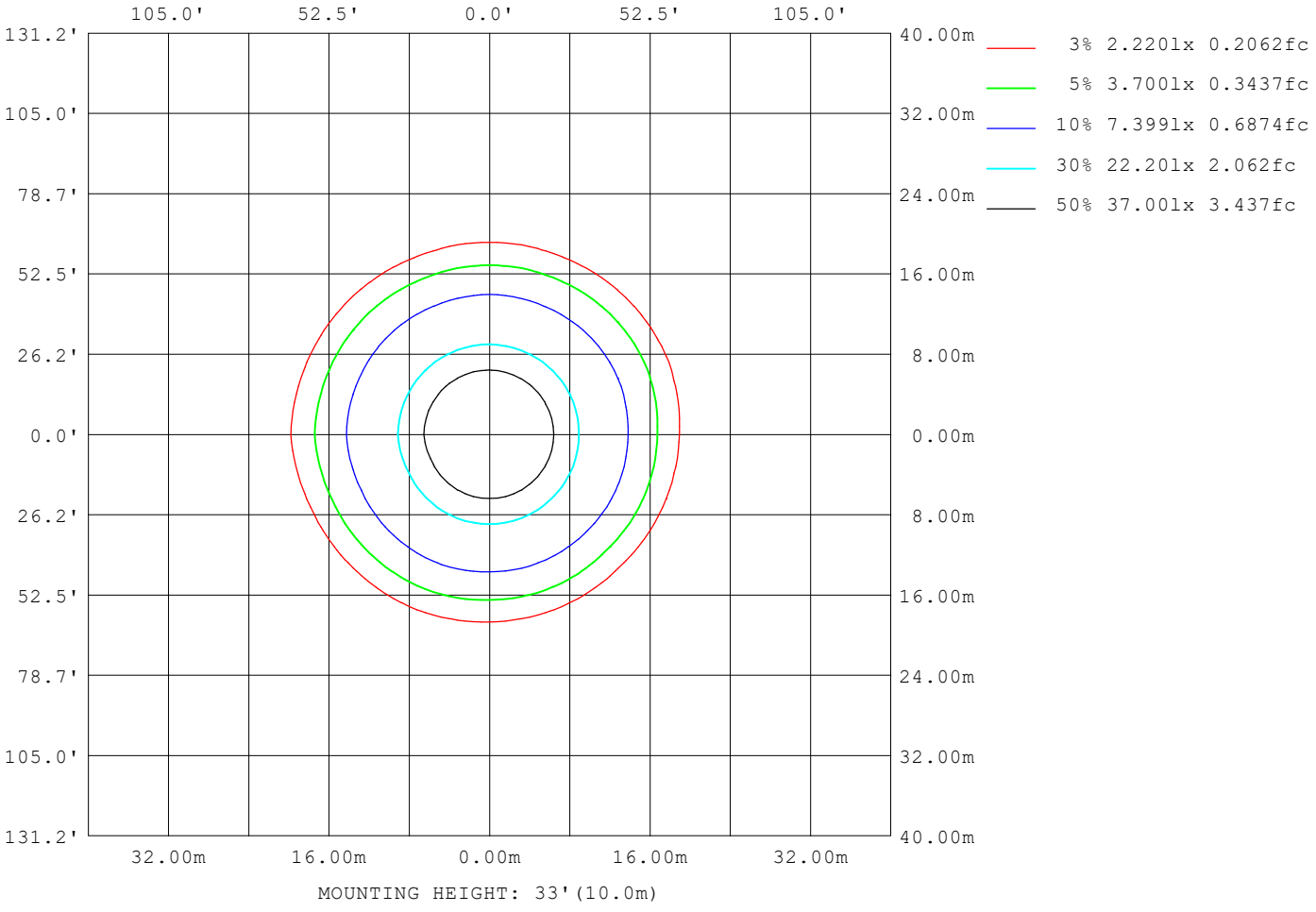
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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:

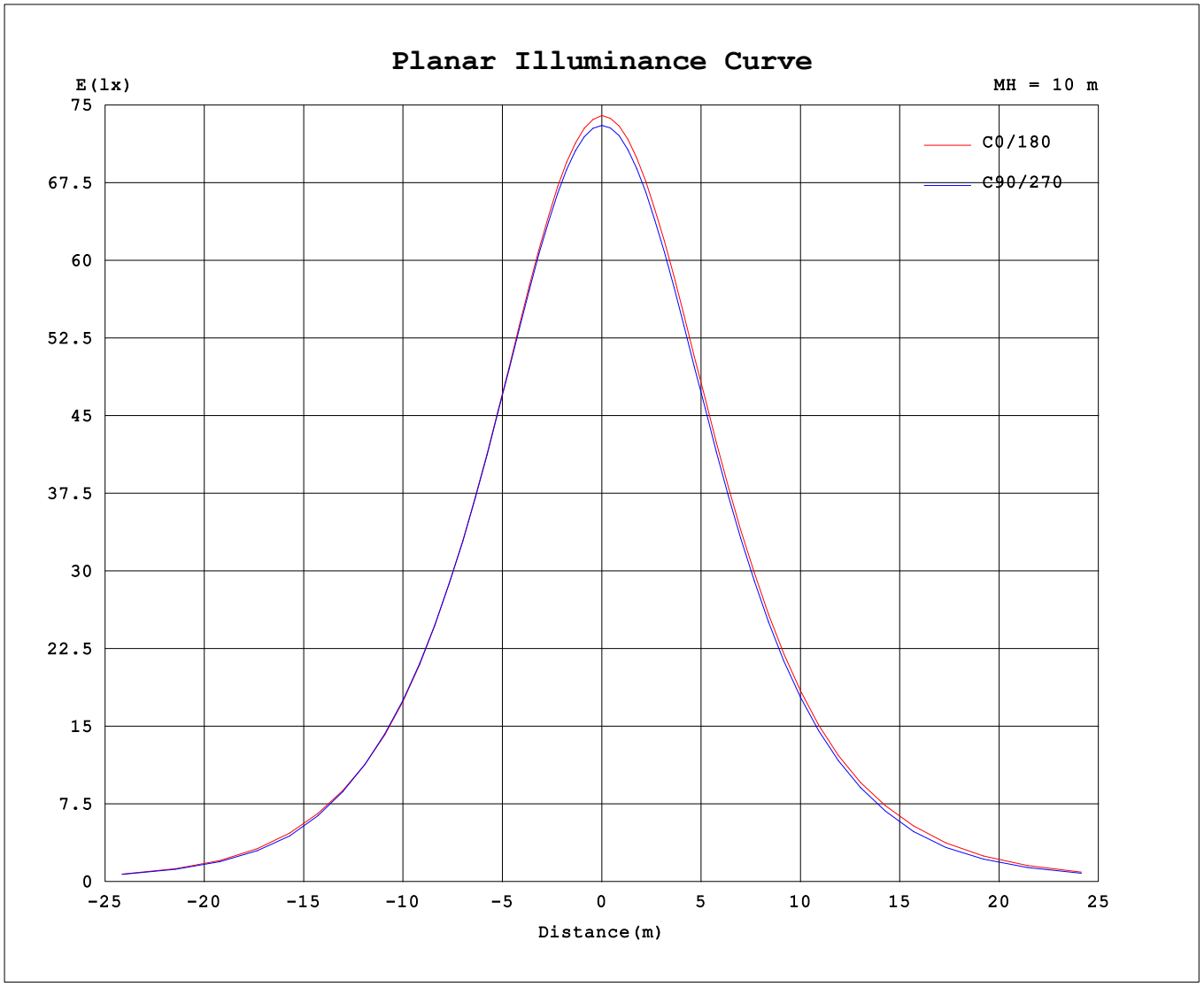
AvgL	cd/m2
L_0~180(65)av	140511
L_0~180(75)av	77371
L_0~180(85)av	43388
L_90~270(65)av	130234
L_90~270(75)av	76113
L_90~270(85)av	51802
L_45(65)av	132745
L_45(75)av	76279
L_45(85)av	48506

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:119.90V I:1.0105A P:120.49W PF:0.9944 Freq:60.01Hz UTHDi:0.64% ITHDi:4.27% KDisp:0.0000 Lamp Flux:19623.4x1 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	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323			
5	7286	7285	7295	7300	7295	7297	7296	7292	7307	7307	7305	7300	7306	7299	7301	7298			
10	7202	7204	7212	7220	7220	7222	7221	7215	7243	7239	7239	7230	7229	7218	7230	7226			
15	7059	7068	7071	7087	7090	7097	7094	7093	7130	7128	7119	7106	7105	7088	7105	7093			
20	6864	6877	6880	6897	6903	6920	6911	6914	6970	6955	6952	6931	6933	6912	6925	6916			
25	6609	6627	6630	6655	6666	6678	6674	6671	6747	6723	6722	6698	6701	6671	6686	6679			
30	6297	6323	6324	6349	6363	6380	6375	6376	6463	6443	6439	6409	6406	6378	6400	6389			
35	5925	5947	5946	5986	5991	6022	6017	6020	6115	6097	6100	6059	6049	6018	6047	6032			
40	5459	5473	5473	5521	5540	5577	5557	5570	5692	5658	5654	5610	5599	5569	5596	5591			
45	4877	4895	4899	4947	4969	5019	4998	5011	5164	5116	5111	5054	5055	5007	5039	5037			
50	4223	4239	4222	4263	4284	4356	4363	4386	4547	4504	4487	4419	4417	4376	4413	4405			
55	3468	3447	3366	3376	3394	3529	3607	3670	3850	3790	3739	3621	3625	3605	3684	3689			
60	2539	2453	2336	2381	2416	2550	2638	2754	2984	2873	2780	2659	2667	2664	2760	2778			
65	1655	1589	1524	1578	1623	1717	1748	1846	2074	1976	1907	1816	1833	1812	1867	1862			
70	969	952	935	972	1012	1067	1072	1136	1323	1285	1216	1182	1173	1161	1158	1172			
75	501	511	519	544	559	593	592	618	756	731	720	683	678	645	648	624			
80	223	235	249	285	272	304	281	309	375	373	378	356	346	321	334	289			
85	84.2	90.0	97.3	109	119	120	121	117	153	165	179	171	165	146	134	125			
90	44.4	44.1	43.8	43.4	43.3	43.2	43.6	43.7	47.0	46.7	47.4	44.9	44.5	44.4	44.3	44.2			
95	47.5	47.2	46.9	46.5	46.3	46.2	46.5	46.7	46.2	46.2	46.2	46.4	46.6	46.8	46.9	46.9			
100	51.2	50.8	50.5	50.0	49.8	49.7	50.0	50.2	49.2	49.2	49.3	49.5	49.7	49.9	50.0	50.1			
105	55.0	54.7	54.3	53.8	53.6	53.5	53.8	54.0	52.6	52.6	52.6	52.9	53.2	53.3	53.5	53.4			
110	58.9	58.6	58.2	57.7	57.6	57.4	57.6	57.8	56.1	56.1	56.1	56.4	56.7	56.9	57.0	57.0			
115	62.7	62.3	61.9	61.5	61.5	61.1	61.3	61.6	59.6	59.5	59.6	59.8	60.3	60.3	60.4	60.4			
120	66.1	65.9	65.4	65.1	65.2	64.7	64.8	65.1	62.9	62.9	63.0	63.3	63.9	63.7	63.7	63.6			
125	69.3	69.1	68.6	68.5	68.6	68.0	67.9	68.2	66.1	66.1	66.3	66.7	67.4	67.1	66.9	66.7			
130	72.1	72.0	71.6	71.7	71.8	71.2	70.8	71.0	69.2	69.2	69.4	70.1	70.8	70.5	70.1	69.9			
135	74.5	74.8	74.6	74.8	74.8	74.1	73.6	73.5	72.3	72.3	72.7	73.5	74.2	74.0	73.5	73.0			
140	77.1	77.6	77.7	77.8	77.7	77.0	76.3	76.1	75.4	75.4	75.8	76.6	77.5	77.3	76.8	76.3			
145	80.1	80.6	80.8	80.9	80.6	79.9	79.3	78.9	79.0	78.7	79.1	79.9	80.8	80.8	80.4	79.7			
150	83.5	84.2	84.2	84.2	83.9	83.2	82.6	82.2	82.9	82.2	82.6	83.3	84.4	84.4	84.1	83.6			
155	87.6	88.1	88.0	87.9	87.7	87.0	86.4	86.0	87.3	86.3	86.5	87.1	88.1	88.3	88.2	87.9			
160	91.9	92.3	92.0	92.0	91.7	91.1	90.6	90.2	91.9	90.7	90.7	91.2	92.1	92.4	92.5	92.4			
165	96.3	96.5	96.0	95.8	95.5	95.1	94.7	94.5	96.5	94.8	94.8	95.2	95.9	96.2	96.5	96.6			
170	100	100.0	99.2	99.1	98.7	98.6	98.3	98.2	100	98.5	98.5	98.6	99.1	99.2	99.7	100			
175	103	102	101	101	101	101	101	101	103	101	101	101	101	101	102	102			
180	104	103	102	102	102	102	102	103	105	103	103	102	102	102	103	103			

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	7323	7323	7323	7323	7323	7323	7323	7323	7323	7323
2.5	7305	7306	7313	7315	7314	7311	7313	7311	7317	7318
5.0	7286	7285	7295	7300	7295	7297	7296	7292	7307	7307
7.5	7246	7254	7257	7266	7263	7265	7263	7259	7281	7275
10.0	7202	7204	7212	7220	7220	7222	7221	7215	7243	7239
12.5	7138	7143	7145	7157	7162	7166	7165	7161	7194	7185
15.0	7059	7068	7071	7087	7090	7097	7094	7093	7130	7128
17.5	6964	6980	6987	7000	7007	7016	7009	7009	7055	7046
20.0	6864	6877	6880	6897	6903	6920	6911	6914	6970	6955
22.5	6745	6760	6766	6783	6790	6807	6801	6798	6866	6844
25.0	6609	6627	6630	6655	6666	6678	6674	6671	6747	6723
27.5	6460	6481	6482	6513	6522	6538	6531	6532	6613	6588
30.0	6297	6323	6324	6349	6363	6380	6375	6376	6463	6443
32.5	6125	6145	6142	6177	6189	6208	6202	6210	6300	6276
35.0	5925	5947	5946	5986	5991	6022	6017	6020	6115	6097
37.5	5708	5727	5723	5771	5782	5814	5800	5812	5917	5892
40.0	5459	5473	5473	5521	5540	5577	5557	5570	5692	5658
42.5	5181	5197	5199	5245	5270	5313	5292	5304	5444	5394
45.0	4877	4895	4899	4947	4969	5019	4998	5011	5164	5116
47.5	4556	4577	4576	4624	4644	4699	4690	4706	4860	4813
50.0	4223	4239	4222	4263	4284	4356	4363	4386	4547	4504
52.5	3868	3866	3831	3863	3876	3972	4006	4045	4209	4165
55.0	3468	3447	3366	3376	3394	3529	3607	3670	3850	3790
57.5	3013	2950	2836	2878	2876	3039	3129	3241	3450	3353
60.0	2539	2453	2336	2381	2416	2550	2638	2754	2984	2873
62.5	2077	1988	1900	1954	1995	2108	2165	2279	2518	2406
65.0	1655	1589	1524	1578	1623	1717	1748	1846	2074	1976
67.5	1312	1243	1229	1249	1318	1369	1380	1465	1680	1595
70.0	969.1	952.4	934.5	971.8	1012	1067	1072	1136	1323	1285
72.5	708.6	707.6	708.7	736.9	766.0	808.0	809.1	851.9	1018	974.4
75.0	501.3	511.3	518.9	543.6	559.4	593.0	592.4	618.5	756.3	731.4
77.5	341.8	353.8	364.3	385.8	394.1	417.7	418.8	433.4	542.8	533.3
80.0	222.6	234.8	248.7	284.5	271.8	304.2	280.5	308.9	374.6	373.3
82.5	144.7	156.0	168.7	183.4	187.7	190.9	183.3	184.5	263.8	248.5
85.0	84.19	89.97	97.26	109.0	118.9	119.5	120.8	116.9	153.3	164.9
87.5	44.57	44.38	44.60	48.17	50.19	58.52	58.45	64.05	93.08	99.90
90.0	44.43	44.11	43.80	43.38	43.31	43.19	43.58	43.68	46.95	46.66
92.5	45.88	45.59	45.23	44.85	44.69	44.63	44.89	45.08	44.77	44.84
95.0	47.52	47.24	46.87	46.47	46.28	46.23	46.47	46.65	46.17	46.19
97.5	49.31	48.96	48.61	48.18	48.01	47.92	48.19	48.35	47.66	47.65
100.0	51.17	50.84	50.46	50.03	49.82	49.74	49.99	50.18	49.24	49.24
102.5	53.10	52.74	52.37	51.91	51.75	51.61	51.87	52.08	50.90	50.89
105.0	55.04	54.68	54.27	53.80	53.64	53.50	53.78	53.98	52.57	52.59
107.5	57.00	56.64	56.23	55.75	55.63	55.45	55.72	55.92	54.34	54.33
110.0	58.95	58.57	58.15	57.67	57.57	57.36	57.60	57.85	56.07	56.10
112.5	60.86	60.50	60.07	59.59	59.56	59.26	59.51	59.77	57.81	57.81
115.0	62.71	62.34	61.90	61.47	61.49	61.11	61.34	61.62	59.56	59.54
117.5	64.48	64.17	63.70	63.30	63.37	62.91	63.11	63.43	61.21	61.22
120.0	66.15	65.86	65.42	65.07	65.16	64.68	64.79	65.12	62.86	62.90
122.5	67.75	67.50	67.03	66.77	66.90	66.38	66.40	66.74	64.48	64.51
125.0	69.26	69.07	68.61	68.49	68.57	68.02	67.93	68.23	66.08	66.10
127.5	70.68	70.57	70.11	70.13	70.19	69.67	69.40	69.65	67.67	67.67
130.0	72.06	71.99	71.63	71.75	71.78	71.23	70.84	70.97	69.23	69.22
132.5	73.27	73.38	73.15	73.27	73.31	72.69	72.21	72.25	70.74	70.74
135.0	74.51	74.78	74.65	74.78	74.81	74.15	73.59	73.47	72.26	72.31
137.5	75.75	76.16	76.13	76.30	76.24	75.55	74.94	74.74	73.80	73.85
140.0	77.12	77.60	77.65	77.80	77.72	76.97	76.31	76.06	75.42	75.40
142.5	78.57	79.06	79.19	79.33	79.13	78.41	77.73	77.43	77.13	77.00
145.0	80.08	80.63	80.79	80.87	80.62	79.90	79.28	78.88	78.97	78.67
147.5	81.77	82.33	82.44	82.44	82.25	81.48	80.86	80.46	80.89	80.36
150.0	83.55	84.20	84.18	84.16	83.93	83.17	82.55	82.19	82.90	82.22
152.5	85.51	86.11	86.01	86.00	85.79	85.02	84.42	84.05	85.03	84.22
155.0	87.58	88.11	87.95	87.94	87.73	87.00	86.37	85.99	87.27	86.28
157.5	89.69	90.15	89.99	89.95	89.74	89.00	88.45	88.07	89.58	88.46
160.0	91.89	92.33	92.03	92.02	91.72	91.09	90.56	90.22	91.92	90.67
162.5	94.15	94.49	94.06	93.98	93.65	93.20	92.67	92.37	94.20	92.81
165.0	96.32	96.55	95.96	95.81	95.50	95.14	94.72	94.46	96.49	94.84
167.5	98.30	98.35	97.65	97.50	97.17	96.90	96.66	96.45	98.56	96.76
170.0	100.1	99.98	99.18	99.05	98.74	98.56	98.26	98.25	100.5	98.51
172.5	101.8	101.3	100.5	100.4	99.92	99.81	99.68	99.94	102.2	100.2
175.0	103.1	102.3	101.4	101.3	100.9	101.0	100.9	101.4	103.4	101.4
177.5	104.0	102.9	102.2	102.1	101.7	102.0	101.9	102.4	104.3	102.3
180.0	104.3	103.1	102.4	102.4	102.2	102.5	102.5	103.0	104.7	102.7

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:

Photometric Data Table [cd]

G/C	225.0	247.5	270.0	292.5	315.0	337.5
0.0	7323	7323	7323	7323	7323	7323
2.5	7323	7319	7319	7317	7321	7316
5.0	7305	7300	7306	7299	7301	7298
7.5	7282	7274	7272	7265	7274	7271
10.0	7239	7230	7229	7218	7230	7226
12.5	7189	7173	7175	7158	7171	7170
15.0	7119	7106	7105	7088	7105	7093
17.5	7045	7024	7024	7006	7022	7011
20.0	6952	6931	6933	6912	6925	6916
22.5	6842	6822	6823	6798	6812	6804
25.0	6722	6698	6701	6671	6686	6679
27.5	6588	6565	6564	6534	6550	6539
30.0	6439	6409	6406	6378	6400	6389
32.5	6281	6246	6236	6207	6230	6221
35.0	6100	6059	6049	6018	6047	6032
37.5	5891	5847	5834	5809	5835	5823
40.0	5654	5610	5599	5569	5596	5591
42.5	5392	5339	5336	5299	5328	5326
45.0	5111	5054	5055	5007	5039	5037
47.5	4809	4747	4742	4697	4731	4728
50.0	4487	4419	4417	4376	4413	4405
52.5	4137	4050	4048	4014	4066	4061
55.0	3739	3621	3625	3605	3684	3689
57.5	3272	3136	3144	3142	3243	3264
60.0	2780	2659	2667	2664	2760	2778
62.5	2323	2217	2231	2216	2292	2298
65.0	1907	1816	1833	1812	1867	1862
67.5	1537	1464	1484	1452	1493	1481
70.0	1216	1182	1173	1161	1158	1172
72.5	946.3	900.2	905.0	869.7	880.5	862.7
75.0	720.4	683.4	677.7	645.0	647.9	624.4
77.5	533.6	502.1	491.3	462.1	462.3	436.4
80.0	377.6	355.8	346.4	320.6	334.3	289.4
82.5	278.1	248.3	240.6	218.2	206.5	185.9
85.0	178.6	170.9	164.6	145.6	134.3	125.3
87.5	106.9	96.30	91.43	78.00	74.24	64.91
90.0	47.38	44.85	44.48	44.36	44.33	44.25
92.5	44.83	45.03	45.14	45.37	45.43	45.48
95.0	46.25	46.39	46.58	46.76	46.87	46.89
97.5	47.75	47.88	48.12	48.29	48.43	48.44
100.0	49.29	49.49	49.73	49.92	50.03	50.05
102.5	50.96	51.16	51.42	51.62	51.72	51.73
105.0	52.65	52.86	53.16	53.35	53.46	53.44
107.5	54.40	54.62	54.94	55.12	55.22	55.18
110.0	56.14	56.38	56.72	56.89	56.96	56.96
112.5	57.87	58.10	58.52	58.61	58.69	58.67
115.0	59.61	59.83	60.35	60.35	60.41	60.35
117.5	61.31	61.54	62.11	62.02	62.07	61.99
120.0	63.02	63.27	63.91	63.73	63.69	63.59
122.5	64.65	64.96	65.65	65.38	65.31	65.16
125.0	66.27	66.65	67.38	67.08	66.91	66.75
127.5	67.86	68.35	69.11	68.81	68.50	68.32
130.0	69.44	70.09	70.82	70.54	70.13	69.87
132.5	71.02	71.78	72.52	72.25	71.77	71.44
135.0	72.66	73.46	74.24	73.98	73.46	73.02
137.5	74.23	75.06	75.91	75.69	75.15	74.62
140.0	75.78	76.64	77.53	77.33	76.84	76.26
142.5	77.40	78.29	79.18	79.07	78.60	77.97
145.0	79.06	79.90	80.84	80.79	80.39	79.75
147.5	80.80	81.55	82.56	82.56	82.23	81.63
150.0	82.61	83.29	84.40	84.39	84.14	83.62
152.5	84.48	85.16	86.24	86.33	86.16	85.73
155.0	86.48	87.15	88.12	88.34	88.24	87.91
157.5	88.58	89.19	90.09	90.38	90.36	90.13
160.0	90.71	91.24	92.07	92.37	92.50	92.39
162.5	92.79	93.28	94.03	94.32	94.55	94.61
165.0	94.82	95.21	95.91	96.16	96.52	96.65
167.5	96.75	97.01	97.62	97.79	98.26	98.54
170.0	98.50	98.58	99.09	99.22	99.70	100.1
172.5	100.1	99.94	100.3	100.4	100.9	101.3
175.0	101.3	101.1	101.4	101.3	101.9	102.1
177.5	102.2	101.9	102.1	102.0	102.5	102.7
180.0	102.6	102.2	102.4	102.2	102.6	102.8

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: