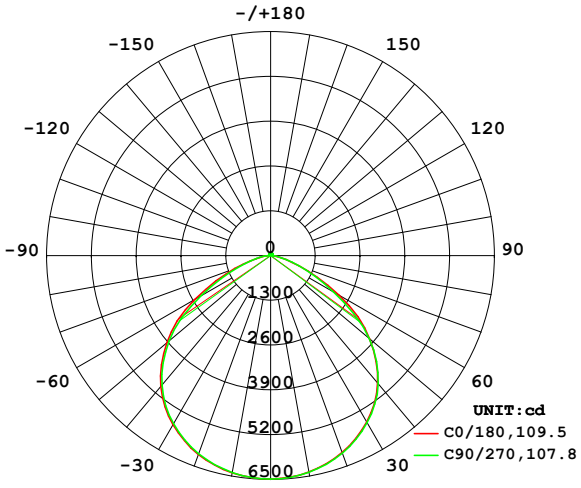
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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:

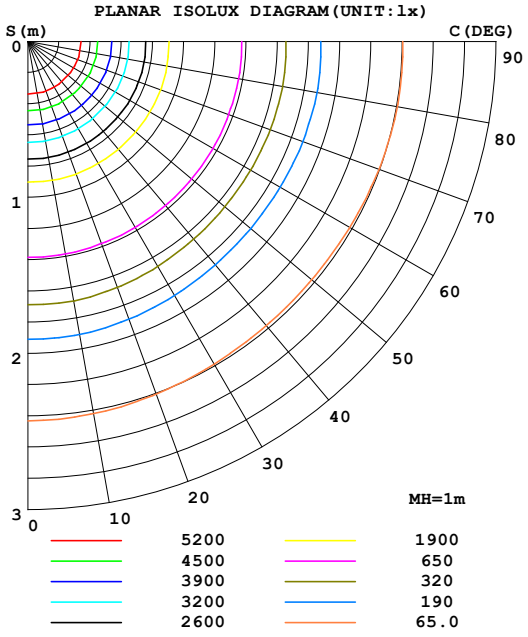
DATA OF LAMP		PHOTOMETRIC DATA Eff: 175.73 lm/W			
MODEL		Imax(cd)	6486	S/MH(C0/180)	1.30
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	17226	η UP,DN(C0-180)	1.1,48.0
NOMINAL FLUX(lm)	17226.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.8
LAMPS INSIDE	1	η up(%)	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%):108.7 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	6380	6385	6390	6386	6408	6401	6399	6401	0- 10	614.7	614.7	3.57,3.57
20	6081	6088	6098	6093	6141	6129	6121	6124	10- 20	1772	2387	13.9,13.9
30	5577	5585	5605	5597	5670	5658	5639	5650	20- 30	2716	5102	29.6,29.6
40	4836	4837	4859	4855	4966	4941	4911	4938	30- 40	3310	8413	48.8,48.8
50	3758	3733	3745	3781	3933	3891	3852	3888	40- 50	3381	11794	68.5,68.5
60	2289	2084	2107	2257	2549	2385	2318	2446	50- 60	2773	14567	84.6,84.6
70	886.5	836.3	883.9	909.7	1109	1034	1016	1028	60- 70	1561	16128	93.6,93.6
80	206.9	225.2	239.2	235.7	320.9	318.1	317.2	299.1	70- 80	597.7	16726	97.1,97.1
90	38.84	38.41	38.10	38.45	39.18	39.76	39.05	38.96	80- 90	137.1	16863	97.9,97.9
100	44.69	44.21	43.80	44.12	43.48	43.46	43.66	43.79	90-100	44.82	16908	98.2,98.2
110	51.56	50.98	50.63	50.83	49.59	49.54	49.83	49.89	100-110	49.79	16958	98.4,98.4
120	58.00	57.43	57.31	57.14	55.57	55.60	56.21	55.85	110-120	53.09	17011	98.7,98.7
130	63.30	63.01	63.20	62.51	61.17	61.27	62.33	61.58	120-130	53.32	17064	99.1,99.1
140	67.82	68.32	68.44	67.35	66.68	66.88	68.27	67.53	130-140	50.27	17114	99.3,99.3
150	73.51	74.02	73.95	72.82	73.31	72.94	74.25	73.96	140-150	44.23	17159	99.6,99.6
160	80.87	80.99	80.79	79.95	81.22	80.22	81.09	81.33	150-160	35.58	17194	99.8,99.8
170	88.25	87.41	87.04	86.70	88.68	86.95	87.19	87.71	160-170	23.78	17218	100,100
180	92.20	90.34	90.17	90.33	92.18	90.32	90.16	90.31	170-180	8.483	17226	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 10133 lm

%lum = 58.8%
%lamp = 58.8%

Conical surface Flux(130deg): 15497 lm

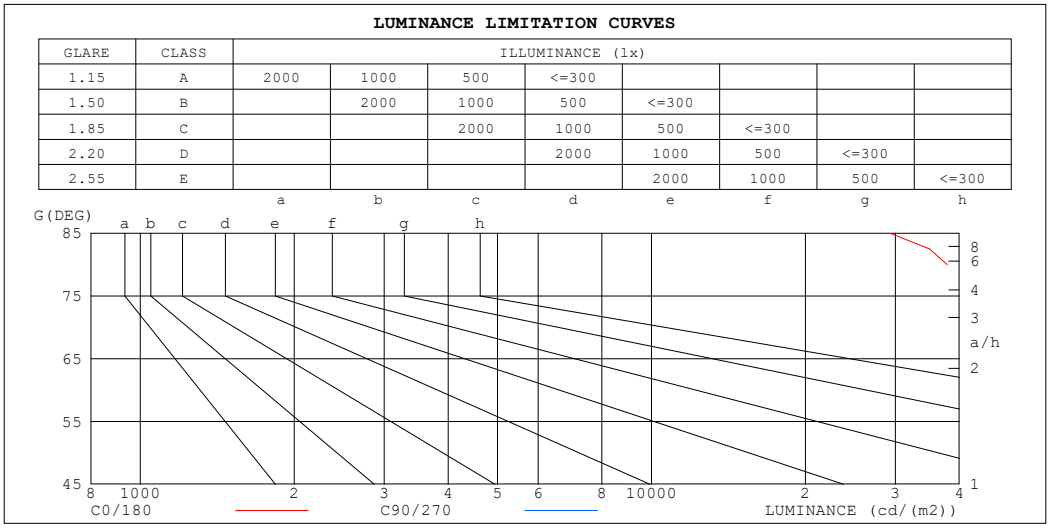
%lum = 90.0%
%lamp = 90.0%

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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz **UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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 cd/(m2)		
G(DEG)	C0/180	C90/270
85	29320	36405
80	37910	43878
75	56897	60305
70	82474	82305
65	113125	106806
60	145661	134236
55	172037	164656
50	186012	185575
45	194840	195987

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:

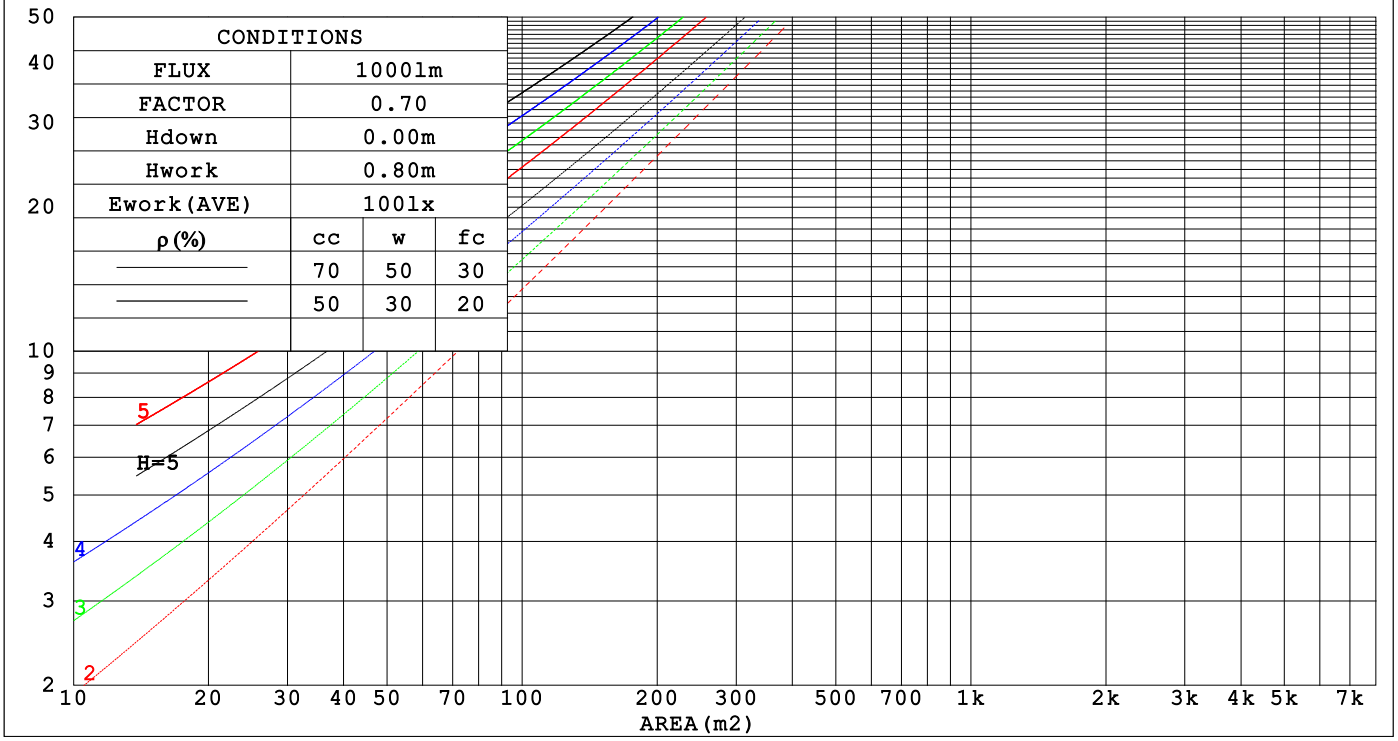
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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	.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	.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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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	.273	.155	.049	.266	.151	.048	.251	.144	.046	.238	.137	.044	.226	.131	.042	
2.0	.264	.144	.044	.257	.141	.044	.244	.136	.042	.233	.131	.041	.222	.126	.040	
3.0	.248	.132	.040	.242	.130	.039	.231	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.232	.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	.026	.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	.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	.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	.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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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	30.3	31.7	30.6	31.9	32.2	30.1	31.5	30.4	31.8	32.0
3H	30.9	32.2	31.2	32.4	32.7	30.7	32.0	31.0	32.2	32.5
4H	30.9	32.2	31.3	32.5	32.8	30.8	32.0	31.1	32.3	32.6
6H	30.9	32.1	31.3	32.4	32.7	30.8	32.0	31.2	32.3	32.6
8H	30.9	32.0	31.3	32.3	32.7	30.8	31.9	31.2	32.2	32.6
12H	30.9	31.9	31.3	32.3	32.6	30.8	31.9	31.2	32.2	32.5
4H 2H	30.5	31.8	30.9	32.0	32.3	30.4	31.6	30.7	31.9	32.2
3H	31.2	32.3	31.6	32.6	32.9	31.1	32.1	31.4	32.4	32.8
4H	31.4	32.3	31.8	32.7	33.0	31.2	32.2	31.6	32.6	32.9
6H	31.4	32.2	31.8	32.6	33.0	31.3	32.2	31.8	32.6	33.0
8H	31.4	32.2	31.8	32.6	33.0	31.3	32.1	31.8	32.5	33.0
12H	31.4	32.1	31.8	32.5	33.0	31.3	32.1	31.8	32.5	32.9
8H 4H	31.3	32.1	31.8	32.5	33.0	31.2	32.0	31.7	32.4	32.9
6H	31.4	32.1	31.9	32.5	33.0	31.4	32.0	31.9	32.5	32.9
8H	31.5	32.0	32.0	32.5	33.0	31.4	32.0	31.9	32.5	33.0
12H	31.5	32.0	32.0	32.4	33.0	31.5	31.9	32.0	32.4	33.0
12H 4H	31.3	32.0	31.8	32.5	32.9	31.2	31.9	31.7	32.3	32.8
6H	31.4	32.0	31.9	32.5	32.9	31.4	31.9	31.9	32.4	32.9
8H	31.5	31.9	32.0	32.4	33.0	31.4	31.9	31.9	32.4	32.9
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	+ 0.9 / - 1.2					+ 1.0 / - 1.2				

CIE Pub.117, 17226 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.9)
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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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:

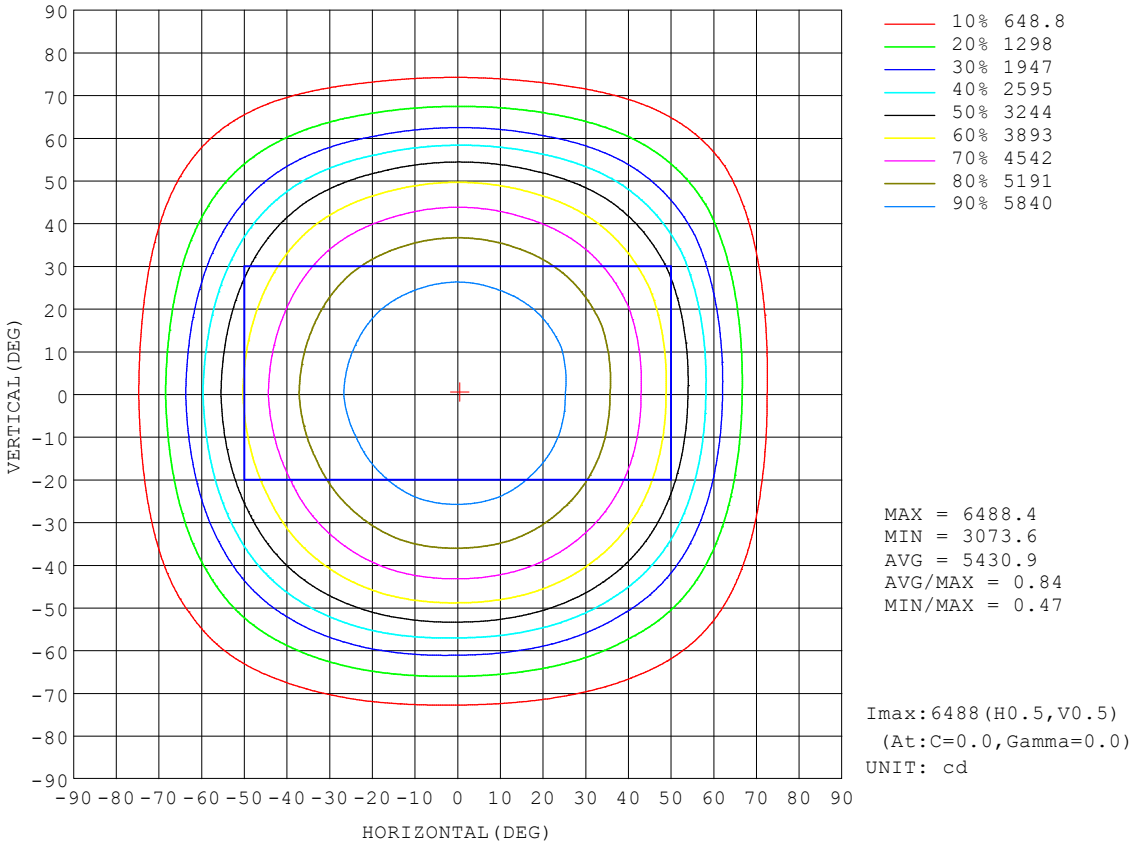
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	57	51	44
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	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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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:



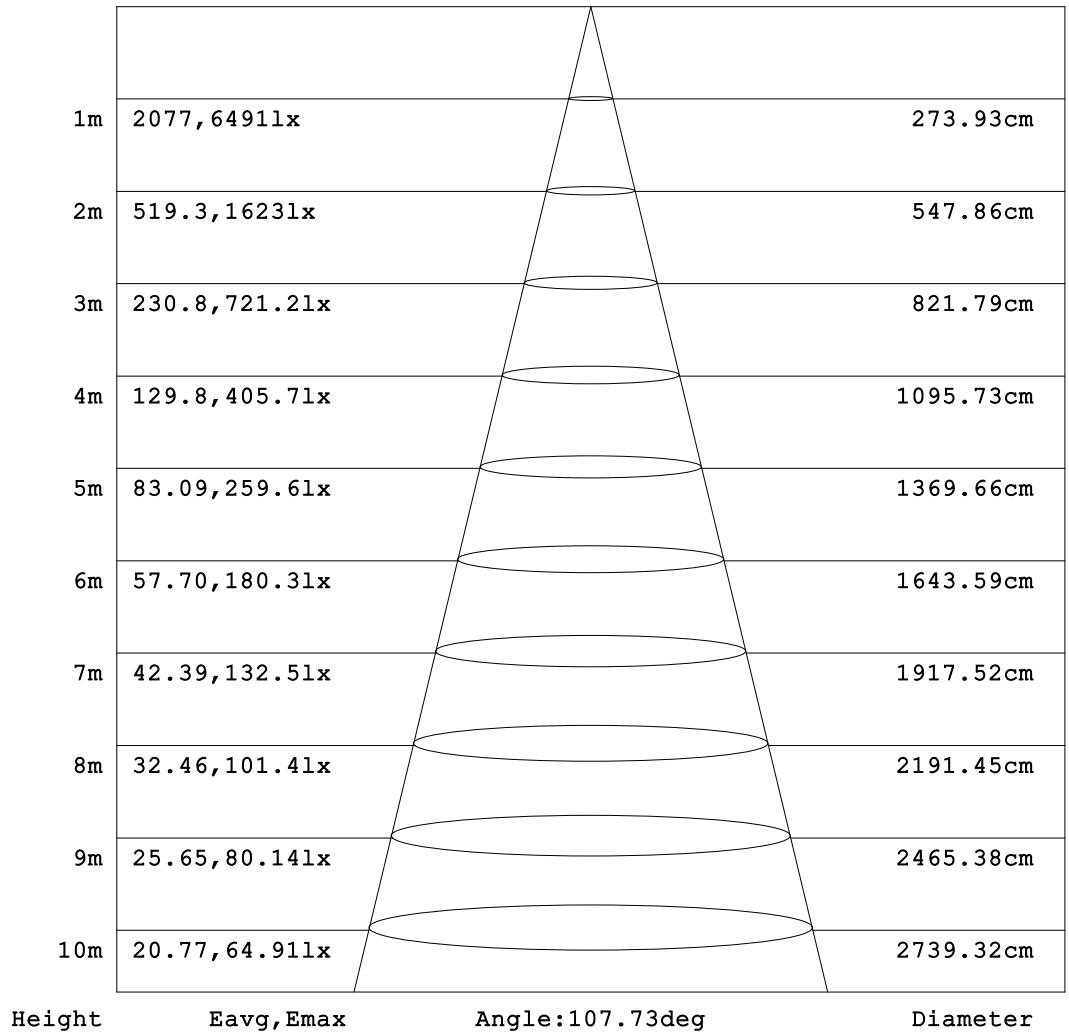
C Range: 0 - 360DEG
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γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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:13310 lm



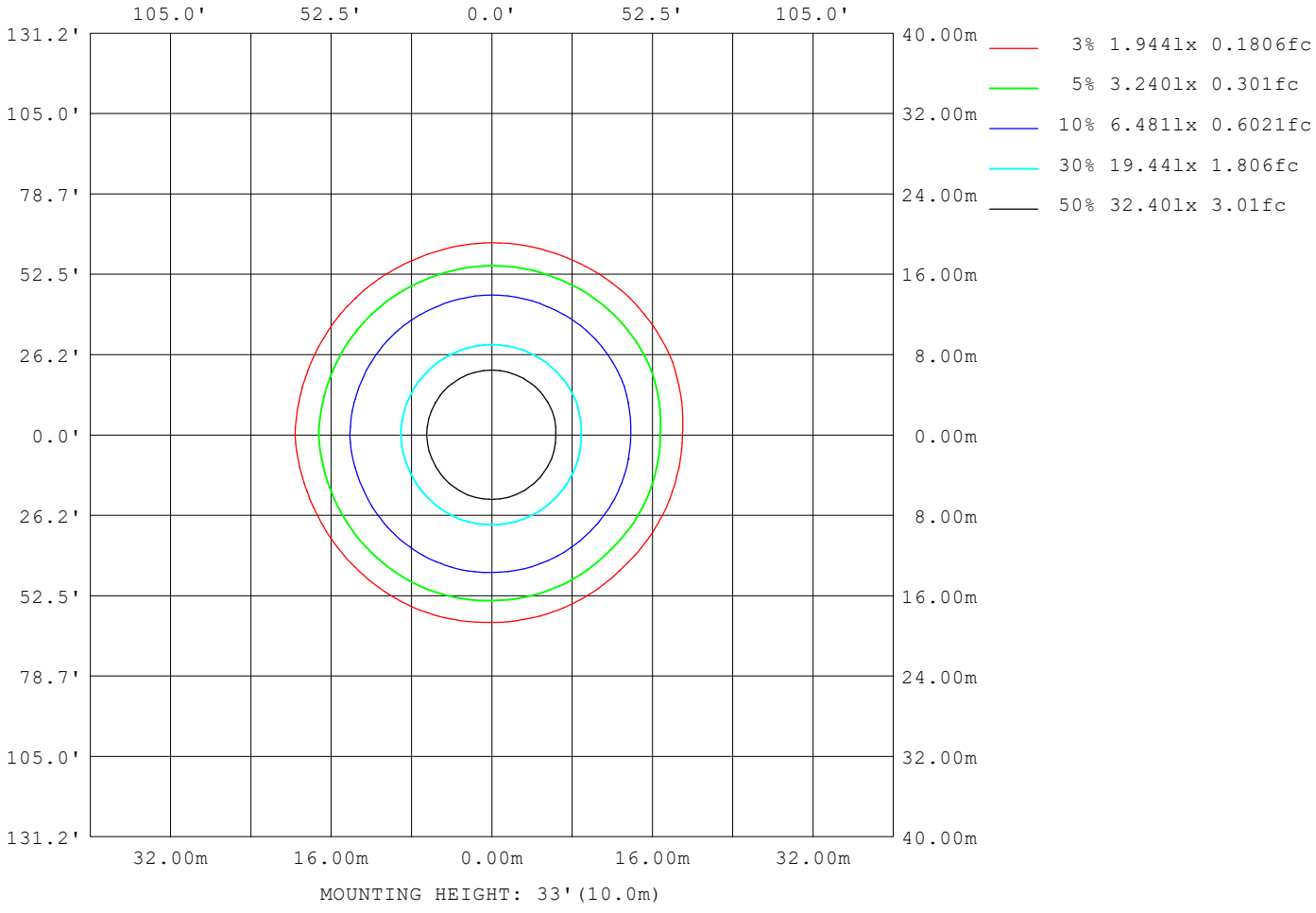
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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:

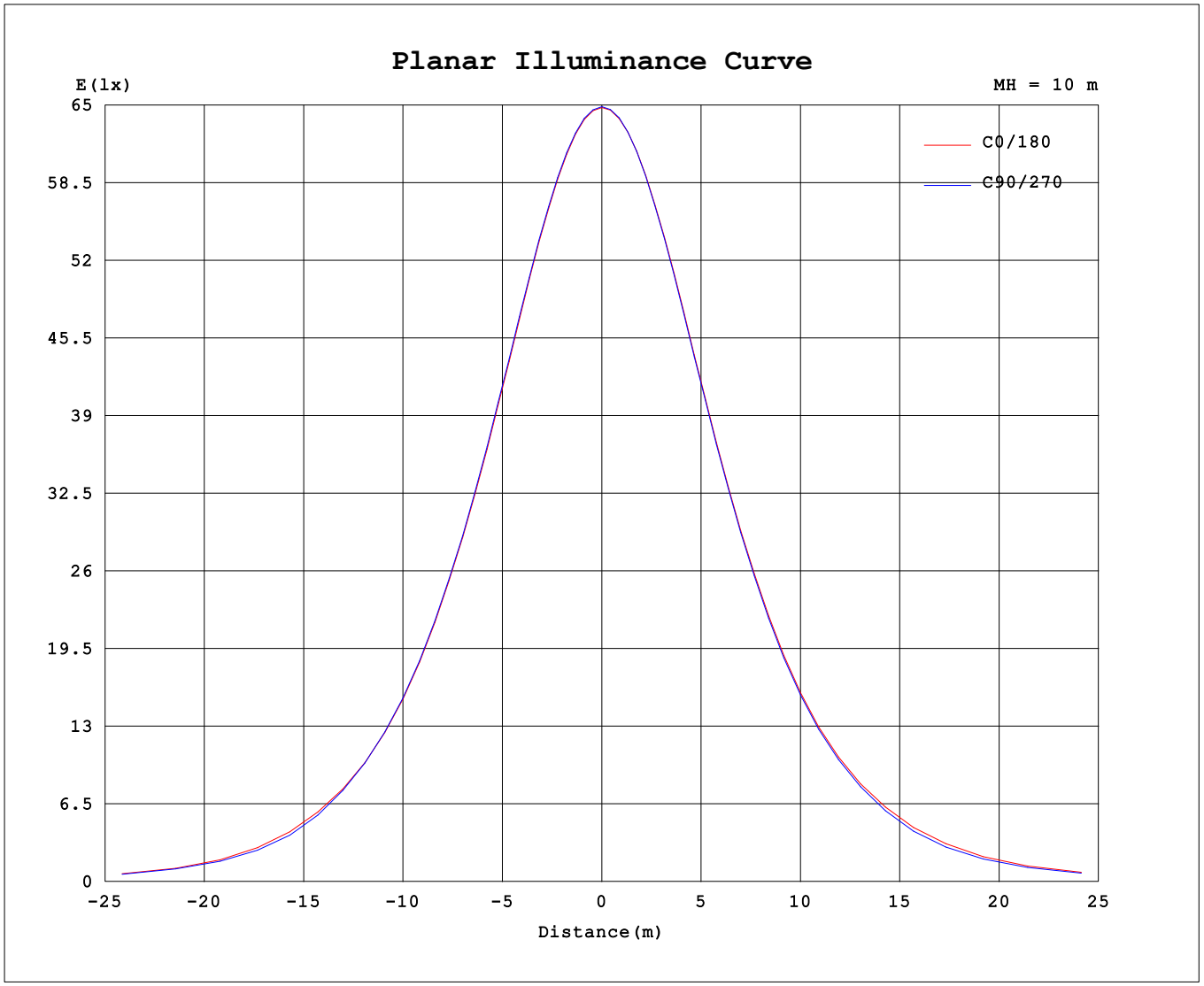
AvgL	cd/m2
L_0~180(65)av	122637
L_0~180(75)av	66880
L_0~180(85)av	37360
L_90~270(65)av	113405
L_90~270(75)av	66299
L_90~270(85)av	44310
L_45(65)av	115557
L_45(75)av	66270
L_45(85)av	41823

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:119.88V I:0.8258A P:98.025W PF:0.9902 Freq:60.01Hz UTHDi:0.59% ITHDi:5.39% KDisp:0.0000 Lamp Flux:17226.4x1 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	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486			
5	6459	6459	6461	6463	6462	6461	6457	6458	6467	6468	6466	6465	6467	6465	6470	6462			
10	6380	6385	6385	6391	6390	6389	6386	6383	6408	6404	6401	6398	6399	6393	6401	6401			
15	6256	6260	6260	6267	6270	6271	6265	6261	6296	6292	6290	6277	6279	6273	6286	6285			
20	6081	6090	6088	6100	6098	6105	6093	6091	6141	6131	6129	6116	6121	6114	6124	6123			
25	5855	5867	5862	5881	5879	5887	5869	5870	5928	5915	5915	5901	5904	5897	5908	5910			
30	5577	5594	5585	5608	5605	5614	5597	5600	5670	5656	5658	5636	5639	5630	5650	5649			
35	5249	5261	5252	5275	5269	5288	5267	5271	5354	5339	5345	5317	5315	5308	5331	5335			
40	4836	4850	4837	4861	4859	4879	4855	4860	4966	4942	4941	4905	4911	4909	4938	4939			
45	4330	4344	4330	4352	4351	4375	4350	4357	4480	4452	4447	4405	4421	4408	4444	4452			
50	3758	3770	3733	3754	3745	3789	3781	3801	3933	3899	3891	3840	3852	3842	3888	3896			
55	3101	3053	2991	2959	2965	3036	3105	3160	3317	3259	3227	3134	3154	3161	3256	3270			
60	2289	2211	2084	2103	2107	2199	2257	2349	2549	2444	2385	2292	2318	2335	2446	2485			
65	1502	1436	1361	1397	1417	1477	1490	1567	1752	1670	1627	1564	1593	1589	1656	1671			
70	886	866	836	862	884	916	910	957	1109	1063	1034	995	1016	1001	1028	1036			
75	463	469	467	485	490	510	501	516	624	611	610	585	588	568	577	567			
80	207	217	225	238	239	262	236	238	321	309	318	303	317	284	299	265			
85	80.3	85.2	90.2	99.5	99.6	102	96.4	96.3	124	142	150	145	143	132	122	109			
90	38.8	38.5	38.4	38.0	38.1	38.1	38.4	38.6	39.2	39.4	39.8	39.2	39.0	39.0	39.0	38.9			
95	41.5	41.3	41.1	40.7	40.7	40.7	41.0	41.2	40.7	40.8	40.7	40.9	40.8	41.0	41.0	41.0			
100	44.7	44.4	44.2	43.8	43.8	43.8	44.1	44.3	43.5	43.5	43.5	43.6	43.7	43.8	43.8	43.8			
105	48.1	47.8	47.6	47.2	47.2	47.1	47.5	47.7	46.5	46.5	46.4	46.6	46.7	46.8	46.8	46.8			
110	51.6	51.3	51.0	50.6	50.6	50.5	50.8	51.1	49.6	49.6	49.5	49.7	49.8	49.9	49.9	49.9			
115	54.9	54.6	54.3	53.9	54.1	53.8	54.1	54.4	52.6	52.7	52.6	52.8	53.0	53.0	52.9	52.9			
120	58.0	57.7	57.4	57.1	57.3	56.9	57.1	57.5	55.6	55.7	55.6	55.8	56.2	56.0	55.9	55.8			
125	60.8	60.6	60.3	60.1	60.3	59.9	60.0	60.2	58.4	58.6	58.5	58.8	59.3	59.0	58.7	58.6			
130	63.3	63.2	63.0	63.0	63.2	62.7	62.5	62.7	61.2	61.4	61.3	61.9	62.3	62.1	61.6	61.4			
135	65.6	65.7	65.7	65.7	65.9	65.3	64.9	64.9	63.9	64.0	64.1	64.9	65.3	65.1	64.5	64.2			
140	67.8	68.2	68.3	68.3	68.4	67.8	67.4	67.2	66.7	66.7	66.9	67.7	68.3	68.2	67.5	67.1			
145	70.5	70.8	71.1	71.0	71.1	70.4	70.0	69.7	69.8	69.6	69.8	70.6	71.2	71.2	70.7	70.2			
150	73.5	73.9	74.0	73.9	73.9	73.3	72.8	72.6	73.3	72.9	72.9	73.6	74.3	74.3	74.0	73.6			
155	77.1	77.3	77.4	77.3	77.3	76.6	76.2	75.9	77.2	76.5	76.4	77.1	77.6	77.8	77.6	77.4			
160	80.9	81.0	81.0	80.9	80.8	80.2	79.9	79.7	81.2	80.3	80.2	80.6	81.1	81.4	81.3	81.3			
165	84.8	84.8	84.5	84.3	84.1	83.8	83.6	83.5	85.2	83.9	83.8	84.1	84.5	84.8	84.9	85.1			
170	88.3	87.9	87.4	87.2	87.0	86.8	86.7	86.7	88.7	87.2	87.0	87.0	87.2	87.5	87.7	88.2			
175	90.9	90.0	89.5	89.3	89.0	88.9	89.0	89.3	91.0	89.6	89.3	89.2	89.2	89.4	89.6	90.0			
180	92.2	90.7	90.3	90.2	90.2	90.2	90.3	90.7	92.2	90.7	90.3	90.2	90.2	90.2	90.3	90.7			

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	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	6486	6486	6486	6486	6486	6486	6486	6486	6486	6486
2.5	6478	6477	6481	6478	6479	6480	6476	6477	6484	6481
5.0	6459	6459	6461	6463	6462	6461	6457	6458	6467	6468
7.5	6426	6430	6426	6431	6430	6429	6428	6423	6443	6441
10.0	6380	6385	6385	6391	6390	6389	6386	6383	6408	6404
12.5	6325	6332	6329	6339	6333	6336	6330	6328	6358	6354
15.0	6256	6260	6260	6267	6270	6271	6265	6261	6296	6292
17.5	6176	6181	6181	6186	6189	6191	6185	6183	6224	6218
20.0	6081	6090	6088	6100	6098	6105	6093	6091	6141	6131
22.5	5973	5986	5981	5994	5997	6001	5985	5988	6044	6027
25.0	5855	5867	5862	5881	5879	5887	5869	5870	5928	5915
27.5	5722	5735	5728	5751	5751	5757	5737	5741	5805	5791
30.0	5577	5594	5585	5608	5605	5614	5597	5600	5670	5656
32.5	5420	5433	5427	5451	5448	5461	5441	5445	5519	5506
35.0	5249	5261	5252	5275	5269	5288	5267	5271	5354	5339
37.5	5056	5069	5056	5083	5081	5100	5073	5080	5169	5153
40.0	4836	4850	4837	4861	4859	4879	4855	4860	4966	4942
42.5	4596	4607	4596	4618	4616	4642	4612	4621	4737	4703
45.0	4330	4344	4330	4352	4351	4375	4350	4357	4480	4452
47.5	4050	4065	4046	4067	4063	4093	4075	4088	4208	4182
50.0	3758	3770	3733	3754	3745	3789	3781	3801	3933	3899
52.5	3448	3444	3391	3400	3387	3450	3464	3495	3637	3596
55.0	3101	3053	2991	2959	2965	3036	3105	3160	3317	3259
57.5	2706	2662	2528	2519	2512	2621	2682	2776	2933	2869
60.0	2289	2211	2084	2103	2107	2199	2257	2349	2549	2444
62.5	1876	1795	1696	1727	1740	1816	1849	1937	2133	2042
65.0	1502	1436	1361	1397	1417	1477	1490	1567	1752	1670
67.5	1194	1127	1074	1108	1132	1176	1200	1240	1412	1347
70.0	886.5	866.0	836.3	861.9	883.9	916.3	909.7	957.2	1109	1063
72.5	651.2	646.0	635.1	655.8	669.8	694.2	684.7	714.6	846.6	817.2
75.0	462.8	468.8	467.3	485.1	490.1	509.5	500.6	516.2	624.3	611.3
77.5	316.9	326.2	329.3	345.3	346.0	359.0	352.7	360.3	444.8	443.2
80.0	206.9	216.5	225.2	238.0	239.2	261.8	235.7	238.5	320.9	308.6
82.5	143.5	144.3	153.8	165.0	165.7	164.8	154.5	152.3	197.2	204.4
85.0	80.31	85.24	90.19	99.49	99.63	102.3	96.38	96.33	124.2	141.9
87.5	41.06	40.81	40.66	44.04	44.06	49.34	48.00	51.34	74.01	79.60
90.0	38.84	38.55	38.41	38.03	38.10	38.07	38.45	38.56	39.18	39.43
92.5	40.10	39.83	39.66	39.30	39.32	39.30	39.64	39.80	39.49	39.60
95.0	41.52	41.28	41.07	40.75	40.71	40.73	41.03	41.23	40.73	40.83
97.5	43.08	42.81	42.60	42.25	42.22	42.23	42.53	42.74	42.07	42.16
100.0	44.69	44.43	44.21	43.84	43.80	43.81	44.12	44.34	43.48	43.55
102.5	46.40	46.10	45.87	45.50	45.46	45.47	45.77	46.01	44.95	45.00
105.0	48.10	47.81	47.58	47.16	47.16	47.15	47.46	47.71	46.48	46.52
107.5	49.84	49.55	49.28	48.86	48.90	48.83	49.15	49.40	48.03	48.04
110.0	51.56	51.26	50.98	50.59	50.63	50.52	50.83	51.11	49.59	49.62
112.5	53.26	52.95	52.68	52.28	52.38	52.20	52.51	52.82	51.13	51.18
115.0	54.91	54.61	54.33	53.93	54.07	53.82	54.11	54.44	52.64	52.71
117.5	56.52	56.21	55.92	55.53	55.74	55.42	55.67	56.01	54.12	54.21
120.0	58.00	57.73	57.43	57.10	57.31	56.94	57.14	57.50	55.57	55.69
122.5	59.44	59.17	58.89	58.62	58.84	58.47	58.59	58.89	57.00	57.15
125.0	60.84	60.58	60.31	60.13	60.33	59.93	59.95	60.24	58.41	58.59
127.5	62.08	61.90	61.66	61.55	61.78	61.33	61.23	61.47	59.81	60.00
130.0	63.30	63.19	63.01	62.95	63.20	62.71	62.51	62.67	61.17	61.39
132.5	64.45	64.44	64.32	64.32	64.54	64.05	63.70	63.79	62.51	62.72
135.0	65.57	65.70	65.67	65.69	65.86	65.30	64.93	64.91	63.88	64.04
137.5	66.65	66.92	66.95	67.00	67.12	66.56	66.13	66.03	65.25	65.38
140.0	67.82	68.19	68.32	68.33	68.44	67.80	67.35	67.17	66.68	66.73
142.5	69.09	69.48	69.72	69.66	69.73	69.08	68.58	68.36	68.26	68.11
145.0	70.45	70.83	71.09	71.00	71.06	70.38	69.95	69.66	69.85	69.58
147.5	71.94	72.31	72.53	72.40	72.50	71.76	71.33	71.05	71.51	71.18
150.0	73.51	73.90	74.02	73.89	73.95	73.26	72.82	72.57	73.31	72.87
152.5	75.25	75.62	75.66	75.55	75.60	74.88	74.47	74.23	75.20	74.66
155.0	77.06	77.34	77.40	77.28	77.29	76.60	76.22	75.94	77.16	76.49
157.5	78.91	79.14	79.20	79.07	79.05	78.38	78.08	77.77	79.18	78.37
160.0	80.87	81.02	80.99	80.86	80.79	80.18	79.95	79.66	81.22	80.30
162.5	82.85	83.01	82.78	82.64	82.49	82.03	81.82	81.62	83.23	82.14
165.0	84.81	84.82	84.46	84.30	84.14	83.76	83.60	83.46	85.18	83.91
167.5	86.58	86.44	85.98	85.82	85.65	85.33	85.23	85.11	87.01	85.61
170.0	88.25	87.87	87.41	87.21	87.04	86.76	86.70	86.69	88.68	87.20
172.5	89.71	89.10	88.51	88.38	88.10	87.89	87.99	88.14	90.10	88.65
175.0	90.95	89.97	89.46	89.26	89.00	88.92	88.97	89.35	91.05	89.61
177.5	91.81	90.55	90.12	89.93	89.72	89.79	89.88	90.21	91.89	90.32
180.0	92.20	90.69	90.34	90.23	90.17	90.20	90.33	90.67	92.18	90.70

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	6486	6486	6486	6486	6486	6486
2.5	6484	6483	6482	6481	6483	6478
5.0	6466	6465	6467	6465	6470	6462
7.5	6441	6438	6437	6434	6439	6438
10.0	6401	6398	6399	6393	6401	6401
12.5	6354	6343	6344	6338	6350	6349
15.0	6290	6277	6279	6273	6286	6285
17.5	6217	6202	6205	6202	6208	6208
20.0	6129	6116	6121	6114	6124	6123
22.5	6028	6012	6020	6012	6024	6022
25.0	5915	5901	5904	5897	5908	5910
27.5	5792	5773	5778	5768	5787	5784
30.0	5658	5636	5639	5630	5650	5649
32.5	5509	5488	5487	5480	5498	5502
35.0	5345	5317	5315	5308	5331	5335
37.5	5156	5124	5125	5122	5146	5148
40.0	4941	4905	4911	4909	4938	4939
42.5	4703	4662	4675	4666	4700	4706
45.0	4447	4405	4421	4408	4444	4452
47.5	4178	4130	4143	4128	4171	4181
50.0	3891	3840	3852	3842	3888	3896
52.5	3576	3513	3525	3521	3586	3595
55.0	3227	3134	3154	3161	3256	3270
57.5	2813	2707	2731	2753	2851	2905
60.0	2385	2292	2318	2335	2446	2485
62.5	1988	1912	1939	1944	2033	2059
65.0	1627	1564	1593	1589	1656	1671
67.5	1309	1279	1287	1295	1323	1332
70.0	1034	994.7	1016	1001	1028	1036
72.5	804.1	772.4	784.8	765.5	781.7	781.4
75.0	609.7	584.8	587.5	567.9	576.7	567.4
77.5	450.1	427.9	425.8	408.3	412.7	397.6
80.0	318.1	303.1	317.2	283.6	299.1	265.2
82.5	218.5	211.3	208.9	193.4	185.7	170.1
85.0	149.6	144.7	142.9	132.1	121.7	108.7
87.5	87.49	80.81	79.51	70.92	69.20	61.39
90.0	39.76	39.24	39.05	39.04	38.96	38.85
92.5	39.49	39.64	39.60	39.79	39.74	39.81
95.0	40.70	40.88	40.85	41.04	40.97	41.04
97.5	42.04	42.22	42.23	42.40	42.35	42.41
100.0	43.46	43.60	43.66	43.80	43.79	43.80
102.5	44.94	45.06	45.15	45.28	45.26	45.26
105.0	46.44	46.56	46.67	46.81	46.78	46.79
107.5	47.97	48.12	48.26	48.34	48.34	48.32
110.0	49.54	49.67	49.83	49.92	49.89	49.87
112.5	51.08	51.23	51.41	51.47	51.43	51.41
115.0	52.60	52.76	53.04	52.99	52.95	52.90
117.5	54.10	54.27	54.63	54.49	54.41	54.37
120.0	55.60	55.79	56.21	56.02	55.85	55.80
122.5	57.07	57.32	57.75	57.50	57.28	57.22
125.0	58.47	58.85	59.28	59.02	58.72	58.63
127.5	59.87	60.37	60.82	60.56	60.15	60.04
130.0	61.27	61.89	62.33	62.07	61.58	61.44
132.5	62.67	63.39	63.84	63.62	63.06	62.85
135.0	64.07	64.86	65.33	65.14	64.52	64.24
137.5	65.49	66.34	66.81	66.67	66.04	65.68
140.0	66.88	67.72	68.27	68.16	67.53	67.13
142.5	68.35	69.16	69.72	69.71	69.07	68.65
145.0	69.83	70.59	71.18	71.18	70.66	70.21
147.5	71.34	72.09	72.69	72.72	72.27	71.86
150.0	72.94	73.62	74.25	74.35	73.96	73.59
152.5	74.62	75.31	75.91	76.06	75.73	75.46
155.0	76.39	77.06	77.62	77.84	77.58	77.37
157.5	78.31	78.85	79.34	79.65	79.44	79.37
160.0	80.22	80.63	81.09	81.40	81.33	81.31
162.5	82.02	82.41	82.82	83.14	83.13	83.23
165.0	83.77	84.12	84.46	84.76	84.87	85.08
167.5	85.45	85.66	85.94	86.20	86.44	86.78
170.0	86.95	87.04	87.19	87.46	87.71	88.16
172.5	88.28	88.23	88.29	88.53	88.79	89.24
175.0	89.34	89.21	89.18	89.37	89.61	90.03
177.5	90.07	89.87	89.94	89.93	90.17	90.58
180.0	90.32	90.22	90.16	90.19	90.31	90.72

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: