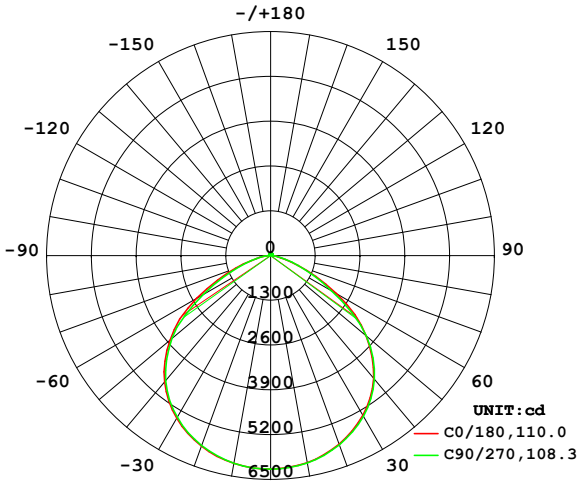
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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:

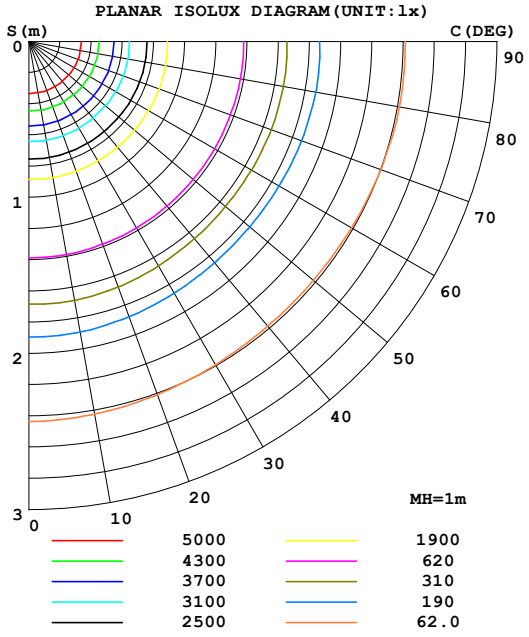
DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.50 lm/W			
MODEL		Imax(cd)	6201	S/MH(C0/180)	1.31
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	16617	η UP,DN(C0-180)	1.1,48.0
NOMINAL FLUX(lm)	16617.2	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.9
LAMPS INSIDE	1	η up(%)	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%):109.2 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	6102	6111	6112	6109	6127	6124	6121	6125	0- 10	587.9	587.9	3.54,3.54
20	5822	5834	5845	5846	5885	5879	5868	5868	10- 20	1697	2285	13.8,13.8
30	5351	5365	5387	5388	5453	5441	5420	5428	20- 30	2607	4892	29.4,29.4
40	4654	4654	4691	4691	4793	4773	4739	4756	30- 40	3187	8080	48.6,48.6
50	3615	3599	3629	3673	3816	3782	3740	3757	40- 50	3267	11347	68.3,68.3
60	2204	2006	2043	2205	2481	2327	2259	2367	50- 60	2689	14036	84.5,84.5
70	852.0	805.7	855.7	890.4	1084	1010	991.5	999.7	60- 70	1517	15553	93.6,93.6
80	198.9	215.8	229.3	230.2	315.9	327.6	309.9	290.5	70- 80	581.2	16134	97.1,97.1
90	37.50	37.08	36.73	37.04	37.89	38.58	37.68	37.59	80- 90	133.1	16268	97.9,97.9
100	43.14	42.67	42.24	42.50	41.85	41.86	42.10	42.27	90-100	43.22	16311	98.2,98.2
110	49.71	49.16	48.79	48.94	47.69	47.66	48.03	48.13	100-110	48.00	16359	98.4,98.4
120	55.85	55.33	55.18	55.00	53.36	53.43	54.10	53.79	110-120	51.12	16410	98.8,98.8
130	60.90	60.64	60.80	60.10	58.72	58.82	59.90	59.22	120-130	51.29	16461	99.1,99.1
140	65.20	65.73	65.78	64.73	64.00	64.21	65.58	64.91	130-140	48.31	16509	99.4,99.4
150	70.69	71.17	71.09	70.02	70.33	70.05	71.33	71.06	140-150	42.49	16552	99.6,99.6
160	77.77	77.93	77.69	76.83	78.00	77.03	77.92	78.19	150-160	34.19	16586	99.8,99.8
170	84.83	84.08	83.66	83.37	85.16	83.55	83.83	84.34	160-170	22.86	16609	100,100
180	88.59	86.89	86.71	86.87	88.57	86.85	86.68	86.86	170-180	8.155	16617	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 9740.3 lm

%lum = 58.6%
%lamp = 58.6%

Conical surface Flux(130deg): 14940 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

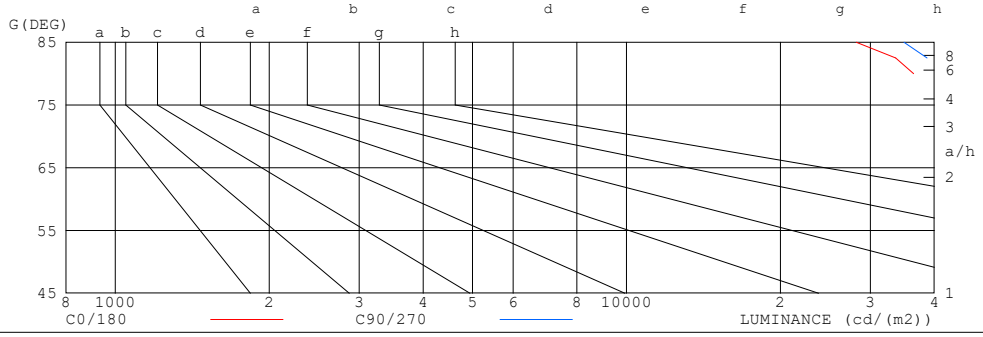
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz **UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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	28140	34903
80	36445	42062
75	54624	58196
70	79260	79702
65	108976	103568
60	140274	130188
55	165850	159638
50	178963	179855
45	187525	189641

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:

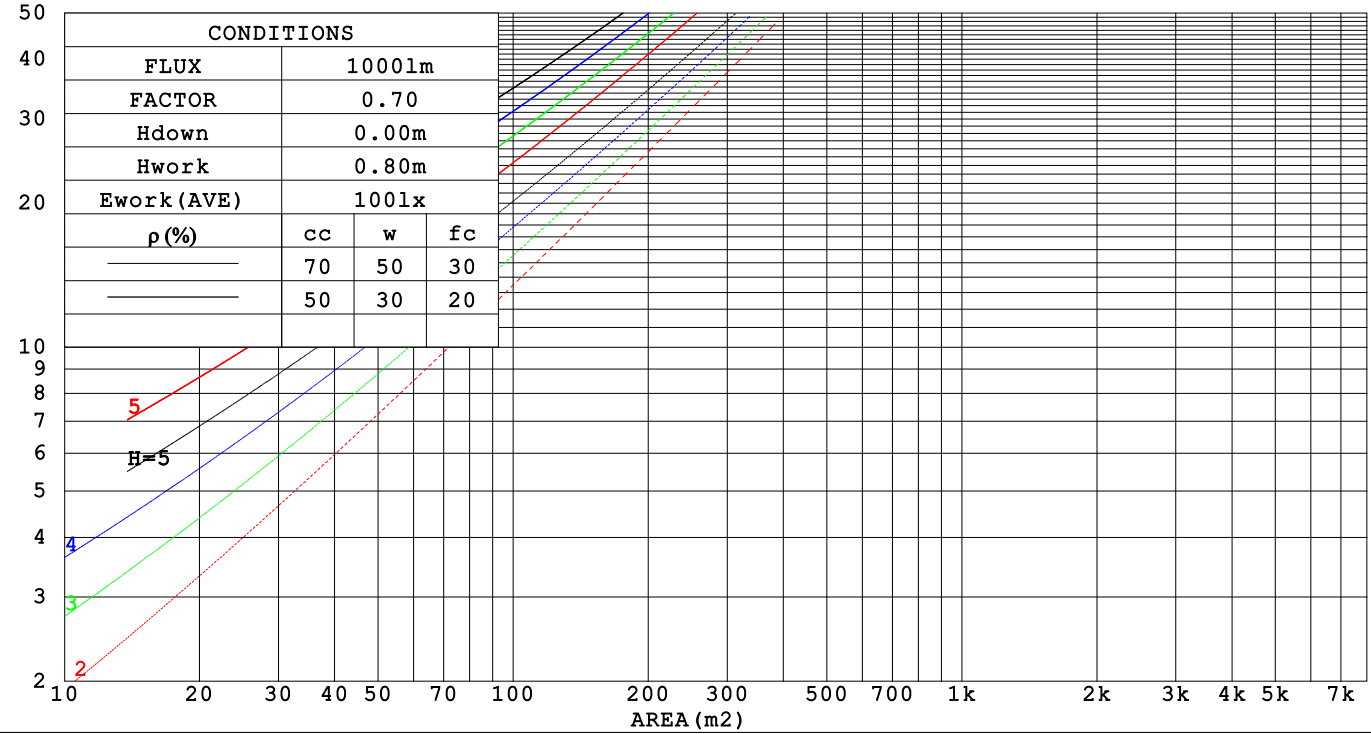
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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

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:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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	.144	.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:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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	30.2	31.6	30.4	31.8	32.0	30.0	31.4	30.3	31.7	31.9
3H	30.7	32.0	31.0	32.3	32.6	30.6	31.9	30.9	32.1	32.4
4H	30.8	32.0	31.1	32.3	32.6	30.7	31.9	31.0	32.2	32.5
6H	30.8	32.0	31.2	32.3	32.6	30.7	31.9	31.1	32.2	32.5
8H	30.8	31.9	31.1	32.2	32.5	30.7	31.8	31.1	32.1	32.5
12H	30.7	31.8	31.1	32.1	32.5	30.7	31.7	31.1	32.1	32.4
4H 2H	30.4	31.6	30.7	31.9	32.2	30.3	31.5	30.6	31.8	32.1
3H	31.1	32.1	31.4	32.4	32.8	30.9	32.0	31.3	32.3	32.7
4H	31.2	32.2	31.6	32.5	32.9	31.1	32.1	31.5	32.4	32.8
6H	31.3	32.1	31.7	32.5	32.9	31.2	32.1	31.6	32.4	32.8
8H	31.3	32.0	31.7	32.4	32.9	31.2	32.0	31.7	32.4	32.8
12H	31.2	32.0	31.7	32.4	32.8	31.2	31.9	31.7	32.4	32.8
8H 4H	31.2	32.0	31.6	32.4	32.8	31.1	31.9	31.6	32.3	32.7
6H	31.3	31.9	31.8	32.4	32.9	31.3	31.9	31.7	32.3	32.8
8H	31.3	31.9	31.8	32.4	32.9	31.3	31.9	31.8	32.3	32.8
12H	31.3	31.8	31.8	32.3	32.8	31.3	31.8	31.8	32.3	32.8
12H 4H	31.2	31.9	31.6	32.3	32.8	31.1	31.8	31.5	32.2	32.7
6H	31.3	31.9	31.8	32.3	32.8	31.2	31.8	31.7	32.3	32.8
8H	31.3	31.8	31.8	32.3	32.8	31.3	31.8	31.8	32.3	32.8

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, 16617 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.8)
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:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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:

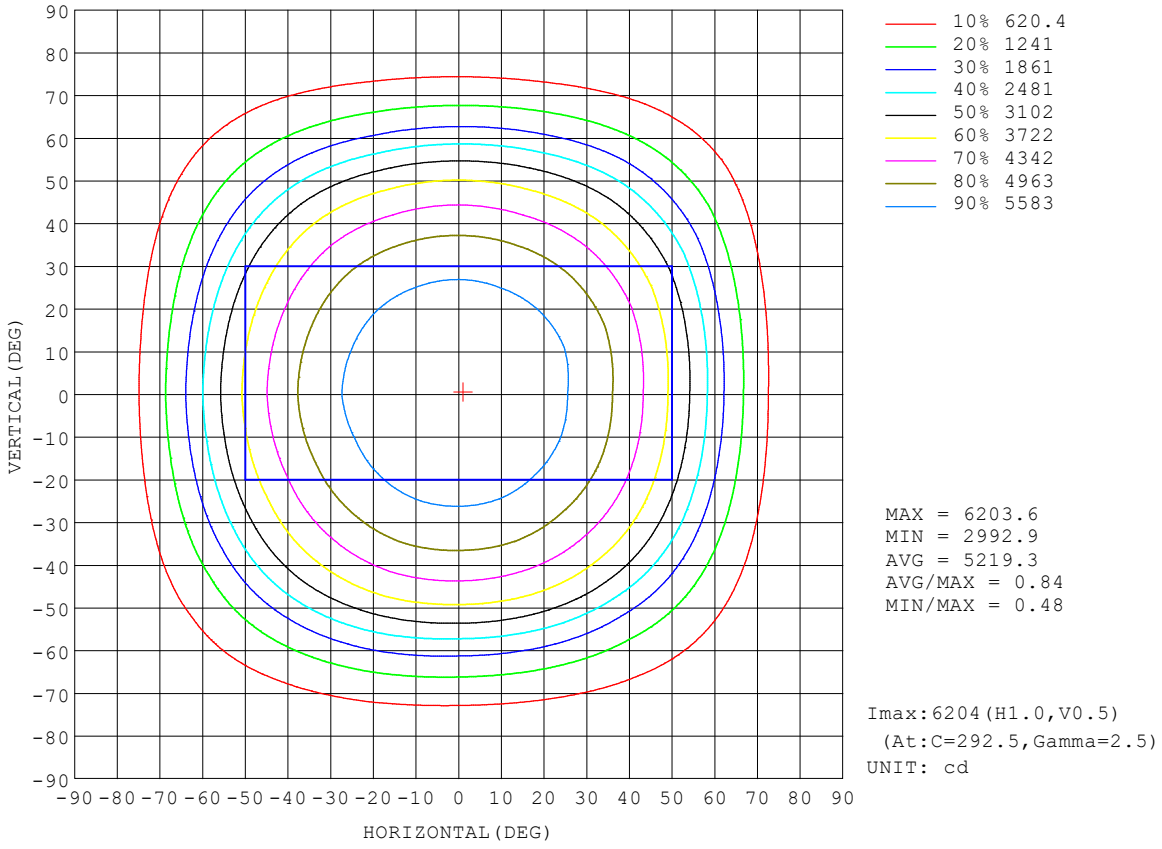
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	70	59	52	69	58	51	67	57	51	44
1.00	79	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:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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:



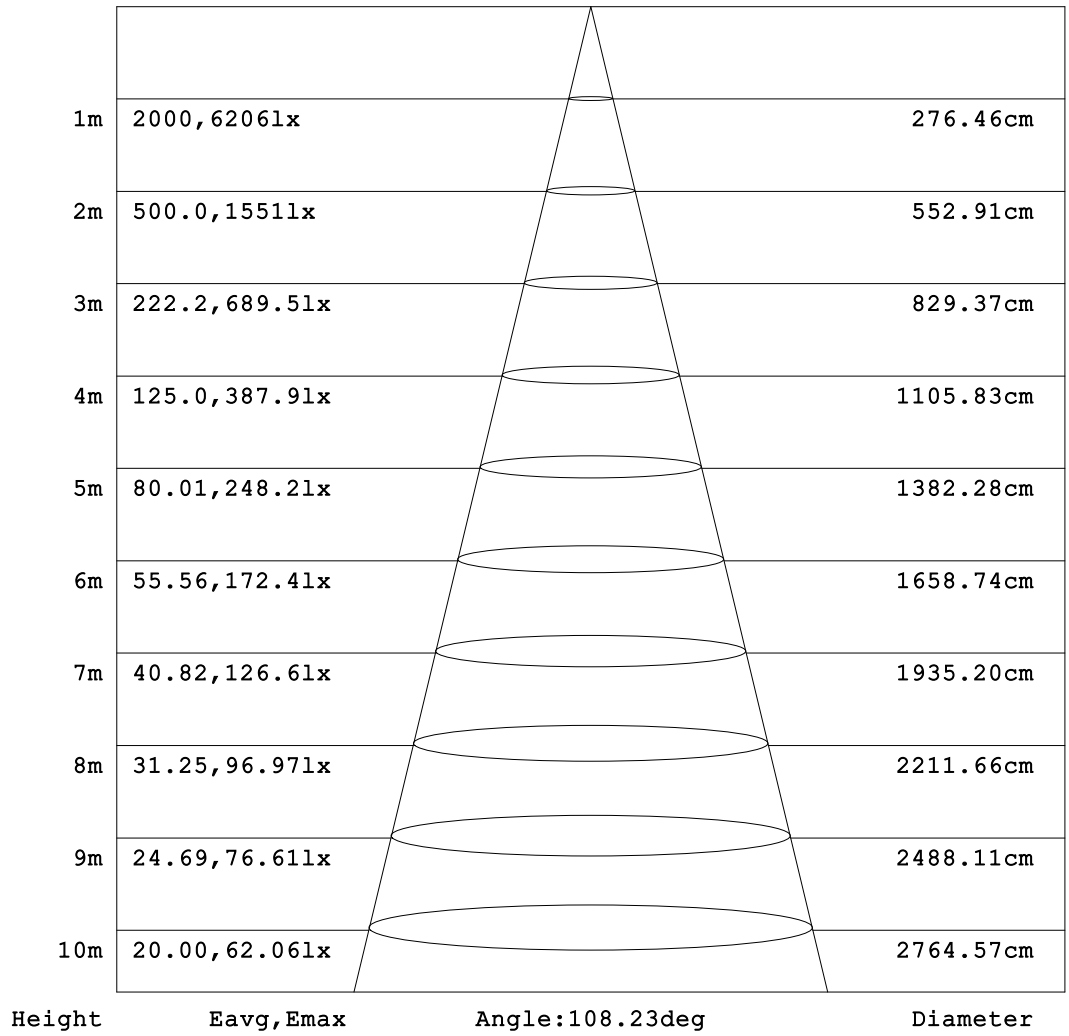
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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:12816 lm



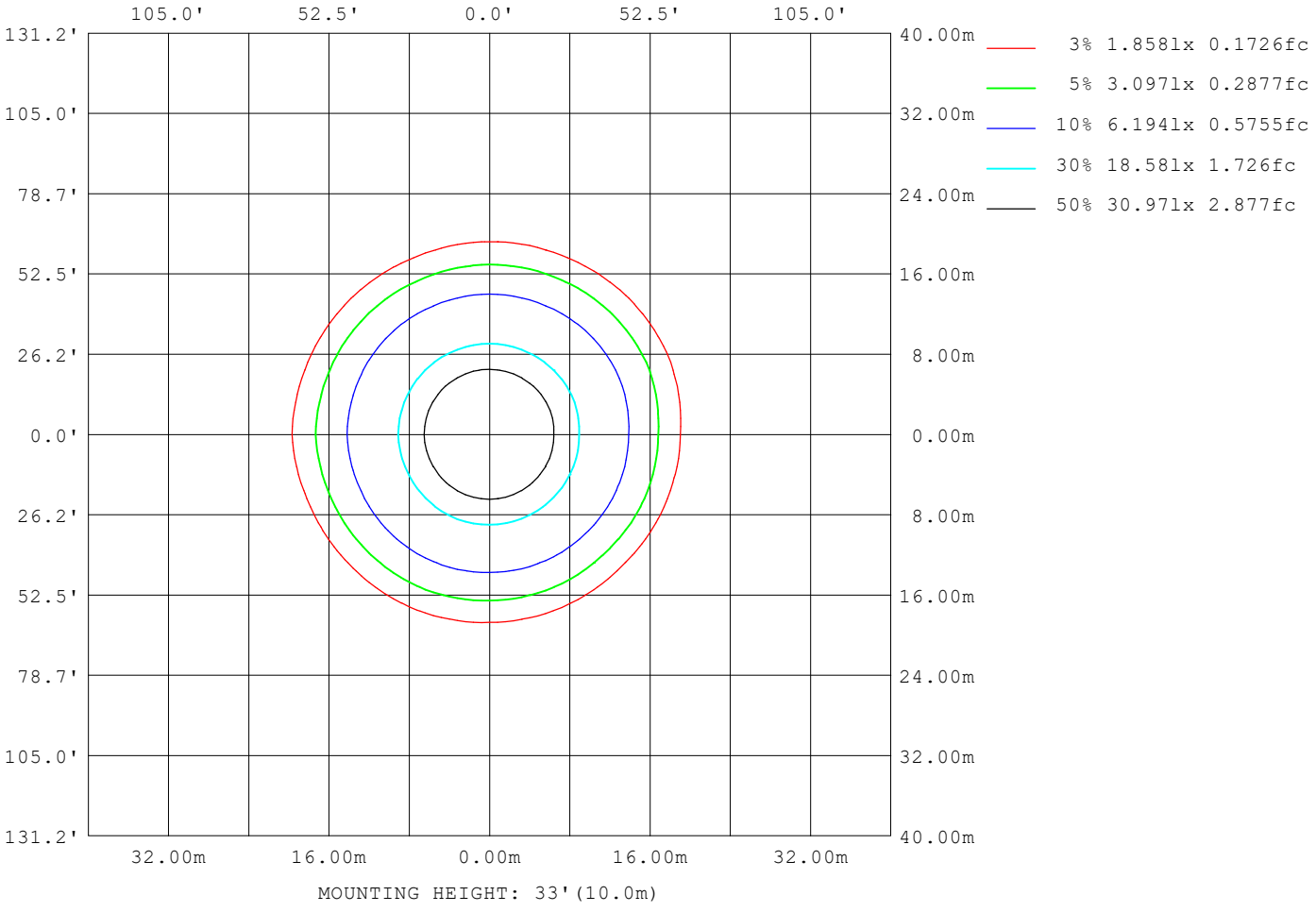
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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:

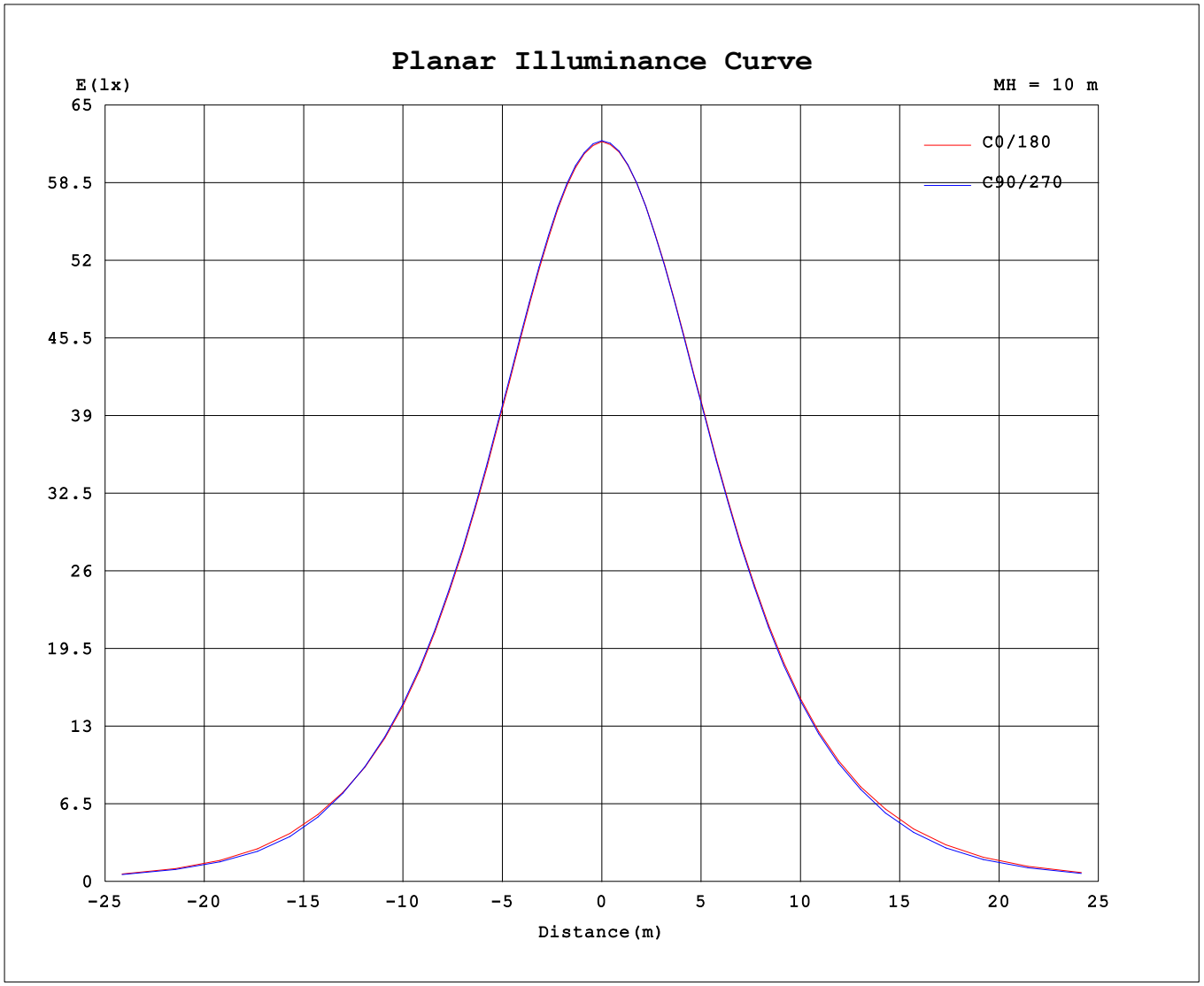
AvgL	cd/m2
L_0~180(65)av	118919
L_0~180(75)av	65045
L_0~180(85)av	36359
L_90~270(65)av	110228
L_90~270(75)av	64349
L_90~270(85)av	42957
L_45(65)av	112293
L_45(75)av	64516
L_45(85)av	40554

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:119.89V I:0.8504A P:101.02W PF:0.9908 Freq:60.01Hz UTHDi:0.60% ITHDi:5.26% KDisp:0.0000 Lamp Flux:16617.2x1 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	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200			
5	6168	6175	6179	6182	6171	6179	6177	6172	6184	6182	6185	6181	6183	6183	6185	6181			
10	6102	6108	6111	6118	6112	6115	6109	6105	6127	6127	6124	6122	6121	6119	6125	6122			
15	5985	5993	5995	6004	6004	6010	6003	5997	6028	6029	6025	6018	6013	6010	6019	6016			
20	5822	5833	5834	5844	5845	5857	5846	5843	5885	5876	5879	5866	5868	5859	5868	5865			
25	5613	5625	5624	5640	5641	5652	5644	5640	5696	5682	5685	5669	5672	5659	5667	5666			
30	5351	5370	5365	5386	5387	5402	5388	5386	5453	5443	5441	5424	5420	5412	5428	5426			
35	5040	5057	5049	5077	5073	5096	5083	5083	5157	5148	5152	5126	5120	5111	5131	5127			
40	4654	4661	4654	4687	4691	4715	4691	4697	4793	4769	4773	4743	4739	4733	4756	4758			
45	4167	4176	4171	4199	4210	4241	4215	4220	4337	4306	4310	4271	4279	4256	4286	4293			
50	3615	3624	3599	3625	3629	3678	3673	3687	3816	3786	3782	3732	3740	3722	3757	3759			
55	2990	2935	2884	2861	2874	2952	3029	3082	3221	3176	3144	3053	3046	3071	3147	3156			
60	2204	2125	2006	2032	2043	2143	2205	2294	2481	2389	2327	2236	2259	2277	2367	2395			
65	1447	1380	1307	1348	1374	1440	1456	1531	1709	1635	1591	1527	1551	1552	1605	1610			
70	852	831	806	830	856	892	890	937	1084	1041	1010	971	992	977	1000	998			
75	444	449	449	466	473	494	490	507	613	599	597	572	573	555	561	547			
80	199	207	216	228	229	236	230	235	316	303	328	297	310	276	291	256			
85	77.1	81.5	86.0	94.6	95.5	98.5	93.8	94.4	122	140	147	142	140	128	117	105			
90	37.5	37.2	37.1	36.7	36.7	36.7	37.0	37.1	37.9	38.2	38.6	37.9	37.7	37.7	37.6	37.5			
95	40.1	39.8	39.7	39.3	39.3	39.3	39.5	39.7	39.2	39.3	39.2	39.4	39.4	39.6	39.6	39.7			
100	43.1	42.9	42.7	42.3	42.2	42.3	42.5	42.7	41.8	41.9	41.9	42.0	42.1	42.3	42.3	42.3			
105	46.4	46.1	45.9	45.5	45.5	45.4	45.7	45.9	44.7	44.7	44.7	44.9	45.0	45.2	45.2	45.2			
110	49.7	49.4	49.2	48.8	48.8	48.7	48.9	49.2	47.7	47.7	47.7	47.8	48.0	48.1	48.1	48.1			
115	52.9	52.6	52.4	52.0	52.1	51.8	52.1	52.3	50.6	50.7	50.6	50.8	51.1	51.1	51.0	51.0			
120	55.9	55.6	55.3	55.0	55.2	54.8	55.0	55.3	53.4	53.5	53.4	53.7	54.1	54.0	53.8	53.8			
125	58.5	58.3	58.1	57.9	58.1	57.7	57.7	57.9	56.1	56.3	56.2	56.6	57.0	56.8	56.5	56.5			
130	60.9	60.8	60.6	60.6	60.8	60.3	60.1	60.2	58.7	58.9	58.8	59.5	59.9	59.7	59.2	59.1			
135	63.0	63.1	63.2	63.2	63.3	62.8	62.4	62.3	61.3	61.4	61.5	62.3	62.8	62.7	62.0	61.8			
140	65.2	65.5	65.7	65.7	65.8	65.2	64.7	64.5	64.0	64.0	64.2	65.1	65.6	65.6	64.9	64.5			
145	67.7	68.0	68.4	68.3	68.3	67.6	67.2	66.9	67.0	66.7	67.0	67.8	68.4	68.4	67.9	67.5			
150	70.7	71.0	71.2	71.1	71.1	70.5	70.0	69.7	70.3	69.9	70.0	70.7	71.3	71.5	71.1	70.8			
155	74.1	74.3	74.4	74.3	74.3	73.7	73.3	72.9	74.0	73.4	73.4	74.0	74.6	74.8	74.6	74.4			
160	77.8	77.9	77.9	77.8	77.7	77.1	76.8	76.5	78.0	77.1	77.0	77.5	77.9	78.3	78.2	78.2			
165	81.5	81.5	81.2	81.1	80.9	80.6	80.4	80.2	81.8	80.6	80.5	80.8	81.2	81.5	81.6	81.8			
170	84.8	84.5	84.1	83.9	83.7	83.5	83.4	83.3	85.2	83.8	83.5	83.7	83.8	84.1	84.3	84.8			
175	87.4	86.5	86.0	85.9	85.6	85.5	85.6	85.9	87.5	86.1	85.9	85.8	85.7	86.0	86.2	86.6			
180	88.6	87.1	86.9	86.8	86.7	86.8	86.9	87.2	88.6	87.2	86.9	86.8	86.7	86.8	86.9	87.2			

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	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200
2.5	6186	6188	6195	6193	6192	6192	6192	6191	6193	6195
5.0	6168	6175	6179	6182	6171	6179	6177	6172	6184	6182
7.5	6138	6149	6148	6156	6150	6152	6148	6143	6158	6159
10.0	6102	6108	6111	6118	6112	6115	6109	6105	6127	6127
12.5	6051	6058	6057	6065	6065	6066	6061	6058	6083	6081
15.0	5985	5993	5995	6004	6004	6010	6003	5997	6028	6029
17.5	5907	5916	5921	5929	5928	5938	5929	5928	5964	5958
20.0	5822	5833	5834	5844	5845	5857	5846	5843	5885	5876
22.5	5724	5734	5735	5749	5749	5762	5751	5747	5799	5784
25.0	5613	5625	5624	5640	5641	5652	5644	5640	5696	5682
27.5	5490	5503	5500	5519	5521	5533	5523	5519	5582	5565
30.0	5351	5370	5365	5386	5387	5402	5388	5386	5453	5443
32.5	5208	5222	5217	5239	5240	5255	5240	5245	5314	5300
35.0	5040	5057	5049	5077	5073	5096	5083	5083	5157	5148
37.5	4861	4874	4864	4897	4896	4919	4897	4904	4983	4971
40.0	4654	4661	4654	4687	4691	4715	4691	4697	4793	4769
42.5	4419	4427	4424	4451	4463	4491	4466	4469	4578	4544
45.0	4167	4176	4171	4199	4210	4241	4215	4220	4337	4306
47.5	3897	3907	3898	3931	3934	3970	3955	3961	4081	4051
50.0	3615	3624	3599	3625	3629	3678	3673	3687	3816	3786
52.5	3320	3312	3270	3287	3284	3352	3372	3399	3528	3499
55.0	2990	2935	2884	2861	2874	2952	3029	3082	3221	3176
57.5	2608	2557	2433	2434	2435	2552	2620	2712	2851	2800
60.0	2204	2125	2006	2032	2043	2143	2205	2294	2481	2389
62.5	1809	1724	1633	1668	1688	1770	1807	1893	2080	1996
65.0	1447	1380	1307	1348	1374	1440	1456	1531	1709	1635
67.5	1150	1082	1035	1068	1099	1146	1173	1212	1381	1314
70.0	852.0	830.7	805.7	830.1	855.7	892.0	890.4	937.1	1084	1041
72.5	625.6	619.4	611.5	630.7	646.8	674.3	670.3	700.9	830.3	800.8
75.0	444.3	449.2	449.5	465.8	472.8	494.3	489.8	507.0	612.9	599.3
77.5	304.2	328.1	316.3	331.0	332.4	347.2	344.9	354.1	437.9	434.8
80.0	198.9	207.1	215.8	228.0	229.3	235.6	230.2	234.6	315.9	303.1
82.5	137.9	138.3	147.1	157.8	158.6	158.6	150.6	149.3	194.2	200.9
85.0	77.08	81.52	85.98	94.61	95.50	98.49	93.76	94.42	121.9	139.7
87.5	39.24	38.87	38.94	42.04	42.20	47.59	46.72	50.46	72.76	78.58
90.0	37.50	37.21	37.08	36.72	36.73	36.71	37.04	37.11	37.89	38.16
92.5	38.72	38.43	38.31	37.93	37.92	37.89	38.19	38.30	38.04	38.15
95.0	40.10	39.83	39.68	39.32	39.27	39.27	39.53	39.66	39.20	39.31
97.5	41.57	41.32	41.11	40.80	40.70	40.73	40.95	41.12	40.47	40.58
100.0	43.14	42.87	42.67	42.33	42.24	42.26	42.50	42.67	41.85	41.92
102.5	44.76	44.47	44.26	43.90	43.83	43.83	44.08	44.26	43.26	43.32
105.0	46.41	46.11	45.88	45.53	45.45	45.44	45.69	45.88	44.72	44.75
107.5	48.07	47.77	47.55	47.17	47.12	47.07	47.34	47.54	46.20	46.23
110.0	49.71	49.42	49.16	48.78	48.79	48.67	48.94	49.17	47.69	47.73
112.5	51.35	51.04	50.81	50.41	50.43	50.28	50.55	50.79	49.14	49.22
115.0	52.92	52.61	52.37	51.98	52.08	51.83	52.09	52.33	50.57	50.67
117.5	54.44	54.15	53.88	53.53	53.68	53.37	53.58	53.84	51.98	52.10
120.0	55.85	55.57	55.33	55.03	55.18	54.84	55.00	55.26	53.36	53.52
122.5	57.25	56.94	56.75	56.46	56.65	56.27	56.37	56.62	54.73	54.93
125.0	58.55	58.28	58.08	57.86	58.06	57.65	57.65	57.88	56.09	56.29
127.5	59.74	59.54	59.36	59.26	59.45	59.02	58.89	59.07	57.40	57.61
130.0	60.90	60.77	60.64	60.59	60.80	60.34	60.10	60.21	58.72	58.92
132.5	61.95	61.97	61.88	61.89	62.06	61.61	61.24	61.27	59.99	60.21
135.0	63.01	63.14	63.16	63.20	63.33	62.81	62.41	62.31	61.29	61.44
137.5	64.03	64.32	64.42	64.46	64.55	64.02	63.55	63.38	62.61	62.73
140.0	65.20	65.52	65.73	65.73	65.78	65.20	64.73	64.47	64.00	64.01
142.5	66.39	66.73	67.02	66.96	67.01	66.41	65.92	65.67	65.47	65.33
145.0	67.70	68.05	68.37	68.27	68.31	67.65	67.19	66.88	67.00	66.74
147.5	69.14	69.45	69.73	69.63	69.68	69.01	68.55	68.24	68.62	68.31
150.0	70.69	71.04	71.17	71.07	71.09	70.45	70.02	69.70	70.33	69.92
152.5	72.35	72.66	72.79	72.66	72.67	72.02	71.56	71.28	72.14	71.65
155.0	74.06	74.35	74.45	74.34	74.30	73.67	73.26	72.95	74.04	73.42
157.5	75.88	76.05	76.20	76.08	76.01	75.38	75.04	74.70	75.98	75.22
160.0	77.77	77.87	77.93	77.81	77.69	77.11	76.83	76.51	78.00	77.09
162.5	79.66	79.79	79.63	79.53	79.31	78.91	78.68	78.40	79.93	78.87
165.0	81.53	81.52	81.24	81.12	80.91	80.56	80.38	80.16	81.81	80.60
167.5	83.25	83.10	82.72	82.56	82.35	82.10	81.98	81.80	83.55	82.24
170.0	84.83	84.47	84.08	83.90	83.66	83.46	83.37	83.30	85.16	83.75
172.5	86.23	85.59	85.17	85.02	84.72	84.57	84.60	84.70	86.57	85.15
175.0	87.41	86.46	86.02	85.87	85.58	85.55	85.58	85.86	87.48	86.09
177.5	88.25	87.00	86.70	86.48	86.30	86.38	86.42	86.74	88.27	86.79
180.0	88.59	87.10	86.89	86.78	86.71	86.76	86.87	87.17	88.57	87.16

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	6200	6200	6200	6200	6200	6200
2.5	6199	6199	6196	6201	6198	6195
5.0	6185	6181	6183	6183	6185	6181
7.5	6163	6156	6157	6157	6159	6159
10.0	6124	6122	6121	6119	6125	6122
12.5	6081	6072	6073	6070	6077	6077
15.0	6025	6018	6013	6010	6019	6016
17.5	5960	5947	5945	5943	5948	5945
20.0	5879	5866	5868	5859	5868	5865
22.5	5785	5773	5775	5765	5776	5774
25.0	5685	5669	5672	5659	5667	5666
27.5	5568	5554	5552	5545	5552	5551
30.0	5441	5424	5420	5412	5428	5426
32.5	5308	5282	5280	5268	5284	5284
35.0	5152	5126	5120	5111	5131	5127
37.5	4975	4945	4939	4935	4954	4951
40.0	4773	4743	4739	4733	4756	4758
42.5	4550	4513	4517	4503	4527	4535
45.0	4310	4271	4279	4256	4286	4293
47.5	4054	4010	4016	3994	4026	4030
50.0	3782	3732	3740	3722	3757	3759
52.5	3481	3421	3429	3421	3465	3471
55.0	3144	3053	3046	3071	3147	3156
57.5	2743	2639	2662	2683	2776	2803
60.0	2327	2236	2259	2277	2367	2395
62.5	1942	1865	1889	1897	1968	1983
65.0	1591	1527	1551	1552	1605	1610
67.5	1280	1249	1256	1264	1285	1304
70.0	1010	971.4	991.5	976.9	999.7	998.4
72.5	786.1	755.2	766.2	748.2	760.4	752.2
75.0	597.3	572.3	573.1	554.7	560.7	546.6
77.5	441.3	419.3	416.0	398.2	401.3	383.4
80.0	327.6	297.1	309.9	276.2	290.5	255.7
82.5	214.1	207.1	203.9	188.3	180.0	163.9
85.0	147.0	142.1	139.6	128.4	117.2	104.8
87.5	86.26	79.39	77.61	68.59	66.22	58.70
90.0	38.58	37.89	37.68	37.68	37.59	37.50
92.5	38.05	38.21	38.21	38.42	38.38	38.45
95.0	39.22	39.39	39.39	39.64	39.57	39.65
97.5	40.49	40.70	40.69	40.95	40.89	40.95
100.0	41.86	42.03	42.10	42.31	42.27	42.32
102.5	43.26	43.44	43.52	43.72	43.70	43.71
105.0	44.73	44.88	45.00	45.17	45.17	45.16
107.5	46.20	46.37	46.50	46.67	46.65	46.64
110.0	47.66	47.85	48.03	48.15	48.13	48.11
112.5	49.14	49.33	49.55	49.63	49.59	49.57
115.0	50.62	50.78	51.09	51.08	51.01	51.01
117.5	52.03	52.21	52.60	52.53	52.40	52.42
120.0	53.43	53.67	54.10	53.95	53.79	53.80
122.5	54.81	55.11	55.56	55.37	55.13	55.11
125.0	56.19	56.57	57.02	56.82	56.50	56.46
127.5	57.48	58.00	58.47	58.25	57.85	57.79
130.0	58.82	59.45	59.90	59.73	59.22	59.10
132.5	60.17	60.92	61.34	61.20	60.63	60.47
135.0	61.53	62.30	62.75	62.65	62.03	61.79
137.5	62.87	63.70	64.19	64.12	63.48	63.15
140.0	64.21	65.06	65.58	65.56	64.91	64.53
142.5	65.60	66.42	66.96	67.00	66.37	65.98
145.0	67.01	67.81	68.36	68.43	67.90	67.48
147.5	68.49	69.24	69.81	69.92	69.46	69.08
150.0	70.05	70.72	71.33	71.47	71.06	70.76
152.5	71.64	72.33	72.94	73.15	72.78	72.56
155.0	73.36	74.01	74.56	74.84	74.57	74.40
157.5	75.19	75.71	76.24	76.58	76.36	76.28
160.0	77.03	77.46	77.92	78.28	78.19	78.18
162.5	78.79	79.20	79.57	79.96	79.94	80.03
165.0	80.50	80.84	81.15	81.49	81.59	81.82
167.5	82.09	82.36	82.58	82.93	83.14	83.41
170.0	83.55	83.66	83.83	84.15	84.34	84.76
172.5	84.84	84.84	84.86	85.16	85.34	85.81
175.0	85.87	85.78	85.72	85.99	86.21	86.56
177.5	86.59	86.43	86.46	86.52	86.70	87.06
180.0	86.85	86.80	86.68	86.77	86.86	87.19

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: