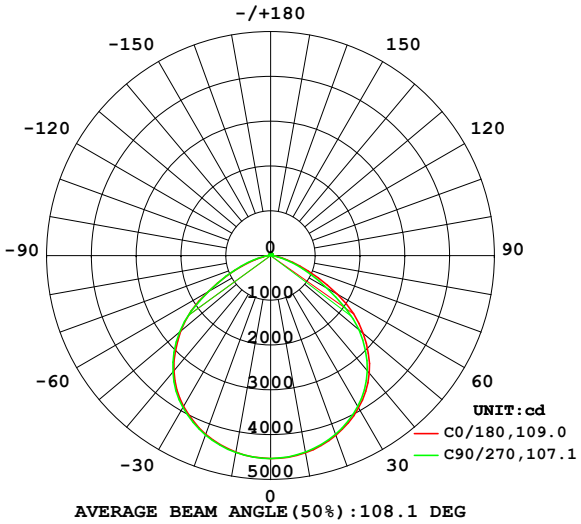
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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:

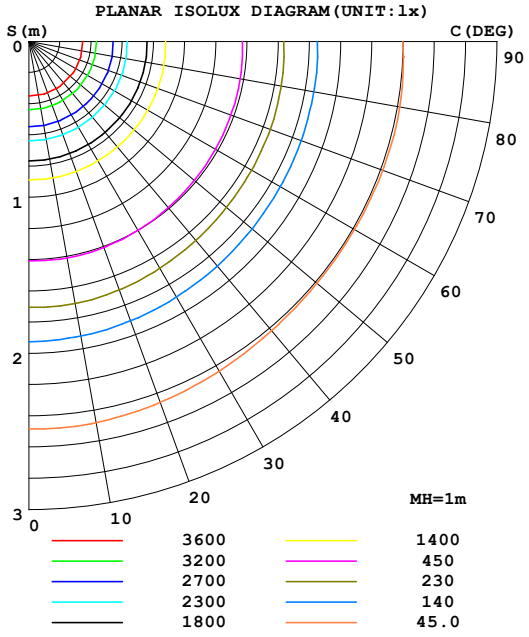
DATA OF LAMP		PHOTOMETRIC DATA Eff: 169.04 lm/W			
MODEL		Imax(cd)	4532	S/MH(C0/180)	1.27
NOMINAL POWER(W)	70	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	11936	η UP,DN(C0-180)	1.1,48.3
NOMINAL FLUX(lm)	11935.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.6
LAMPS INSIDE	1	η up(%)	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	4471	4467	4457	4444	4456	4458	4465	4479	0- 10	429.2	429.2	3.6,3.6
20	4270	4263	4245	4217	4244	4243	4263	4291	10- 20	1236	1665	13.9,13.9
30	3927	3916	3888	3851	3888	3893	3915	3964	20- 30	1889	3554	29.8,29.8
40	3431	3406	3357	3305	3366	3366	3400	3478	30- 40	2296	5850	49,49
50	2701	2652	2576	2532	2623	2614	2655	2760	40- 50	2338	8188	68.6,68.6
60	1721	1535	1446	1455	1616	1546	1593	1787	50- 60	1912	10100	84.6,84.6
70	699.6	627.6	605.5	570.4	671.2	655.3	699.6	767.7	60- 70	1077	11177	93.6,93.6
80	175.1	176.4	164.8	141.6	170.4	192.7	206.1	218.3	70- 80	412.3	11589	97.1,97.1
90	26.56	26.41	26.50	26.99	26.98	26.97	27.12	28.71	80- 90	94.36	11683	97.9,97.9
100	30.43	30.33	30.48	31.08	30.62	30.42	30.20	29.97	90-100	31.10	11714	98.1,98.1
110	35.19	35.02	35.19	35.75	34.90	34.66	34.49	34.17	100-110	34.54	11749	98.4,98.4
120	39.75	39.55	39.82	40.08	39.10	38.90	38.91	38.37	110-120	36.83	11786	98.7,98.7
130	43.54	43.43	43.88	43.71	43.05	42.86	43.21	42.40	120-130	37.02	11823	99.1,99.1
140	46.76	47.16	47.49	47.08	46.92	46.79	47.37	46.55	130-140	34.91	11858	99.3,99.3
150	50.65	51.12	51.36	50.96	51.53	51.03	51.54	51.01	140-150	30.73	11888	99.6,99.6
160	55.80	55.97	56.12	55.92	56.97	56.05	56.32	56.21	150-160	24.73	11913	99.8,99.8
170	61.04	60.52	60.48	60.51	61.93	60.63	60.58	60.79	160-170	16.53	11930	100,100
180	64.05	62.74	62.68	62.82	64.05	62.74	62.68	62.81	170-180	5.896	11936	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7040.2 lm

%lum = 59.0%
%lamp = 59.0%

Conical surface Flux(130deg): 10742 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

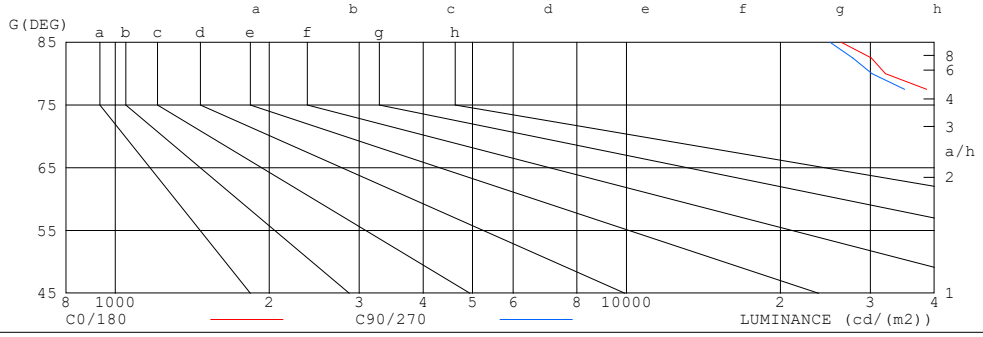
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz **UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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	26293	25012
80	32121	30215
75	46385	41387
70	65166	56377
65	88108	73317
60	109622	92104
55	125625	113075
50	133854	127611
45	139172	135004

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:

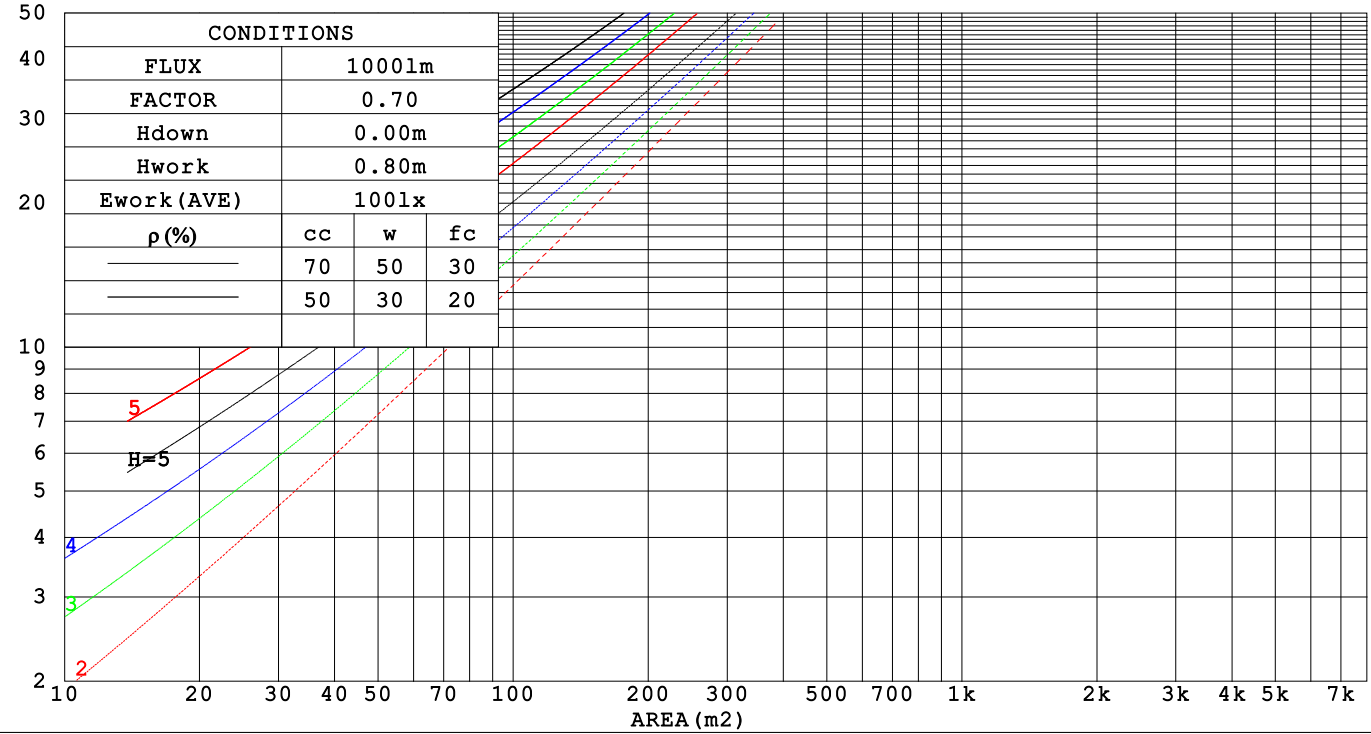
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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	.56	.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:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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	.188	.100	.030	
6.0	.203	.102	.029	.199	.100	.029	.191	.098	.028	.183	.095	.028	.177	.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:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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	29.4	30.8	29.7	31.0	31.3	28.9	30.4	29.2	30.6	30.8
3H	30.0	31.3	30.4	31.6	31.9	29.5	30.8	29.8	31.1	31.3
4H	30.2	31.4	30.5	31.7	32.0	29.6	30.9	30.0	31.1	31.4
6H	30.2	31.3	30.5	31.6	32.0	29.7	30.8	30.0	31.1	31.4
8H	30.2	31.3	30.5	31.6	31.9	29.6	30.7	30.0	31.1	31.4
12H	30.2	31.2	30.5	31.5	31.9	29.6	30.7	30.0	31.0	31.3
4H 2H	29.6	30.9	30.0	31.1	31.4	29.3	30.5	29.6	30.8	31.1
3H	30.4	31.5	30.8	31.8	32.1	29.9	31.0	30.3	31.3	31.7
4H	30.6	31.6	31.0	31.9	32.3	30.1	31.1	30.5	31.5	31.8
6H	30.7	31.5	31.1	31.9	32.3	30.2	31.1	30.7	31.5	31.9
8H	30.7	31.5	31.1	31.9	32.3	30.2	31.0	30.7	31.4	31.9
12H	30.7	31.4	31.1	31.8	32.3	30.2	31.0	30.7	31.4	31.8
8H 4H	30.6	31.4	31.0	31.8	32.2	30.2	30.9	30.6	31.4	31.8
6H	30.7	31.4	31.2	31.8	32.3	30.3	31.0	30.8	31.4	31.9
8H	30.8	31.4	31.3	31.8	32.3	30.4	30.9	30.9	31.4	31.9
12H	30.8	31.3	31.3	31.8	32.3	30.4	30.9	30.9	31.4	31.9
12H 4H	30.6	31.3	31.0	31.7	32.2	30.1	30.9	30.6	31.3	31.7
6H	30.7	31.3	31.2	31.8	32.2	30.3	30.9	30.8	31.3	31.8
8H	30.8	31.3	31.3	31.8	32.3	30.4	30.9	30.9	31.3	31.9
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 / - 0.7				
2.0H	+ 0.8 / - 1.1					+ 0.9 / - 1.0				

CIE Pub.117, 11936 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 8.6)
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:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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:

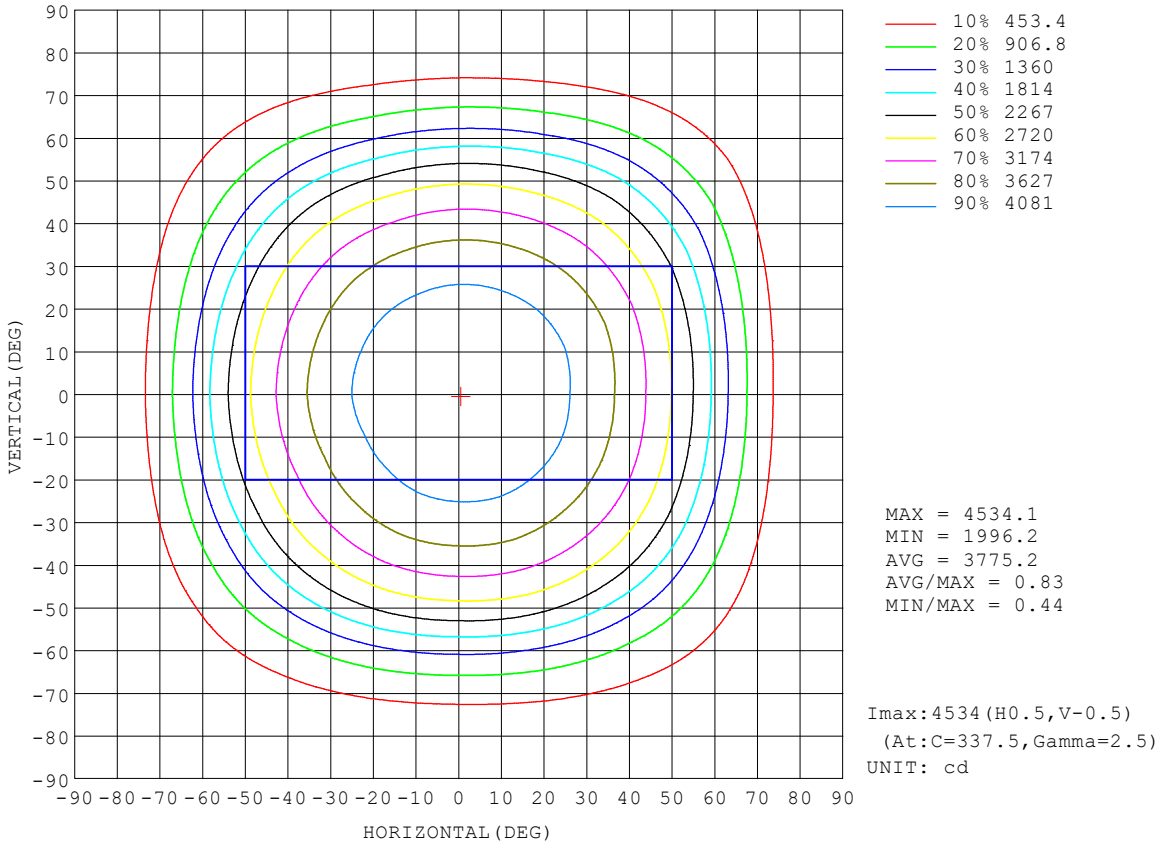
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	42	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	58	51	45
1.00	79	68	62	77	68	61	75	69	61	54
1.25	86	76	70	84	75	69	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	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:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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:



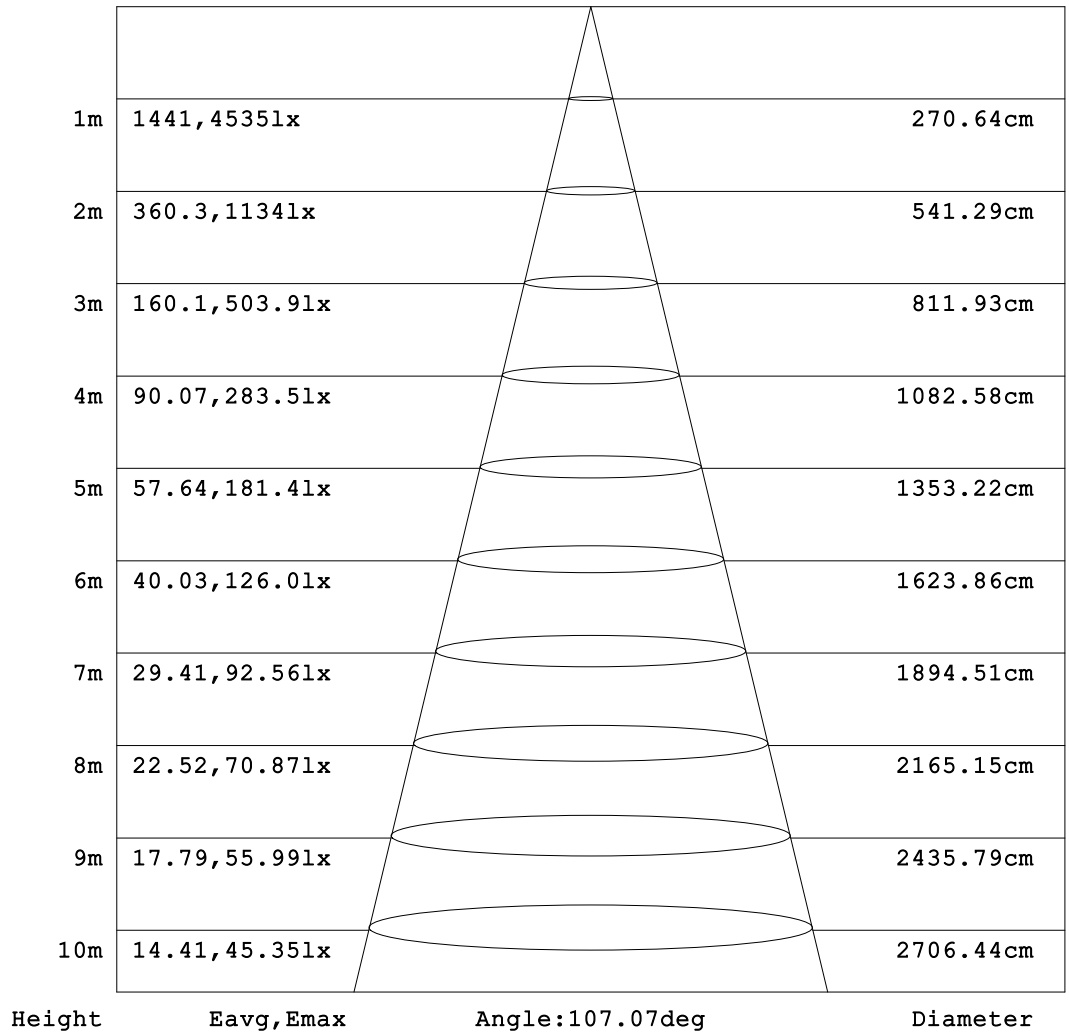
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.86V I:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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:9234 lm



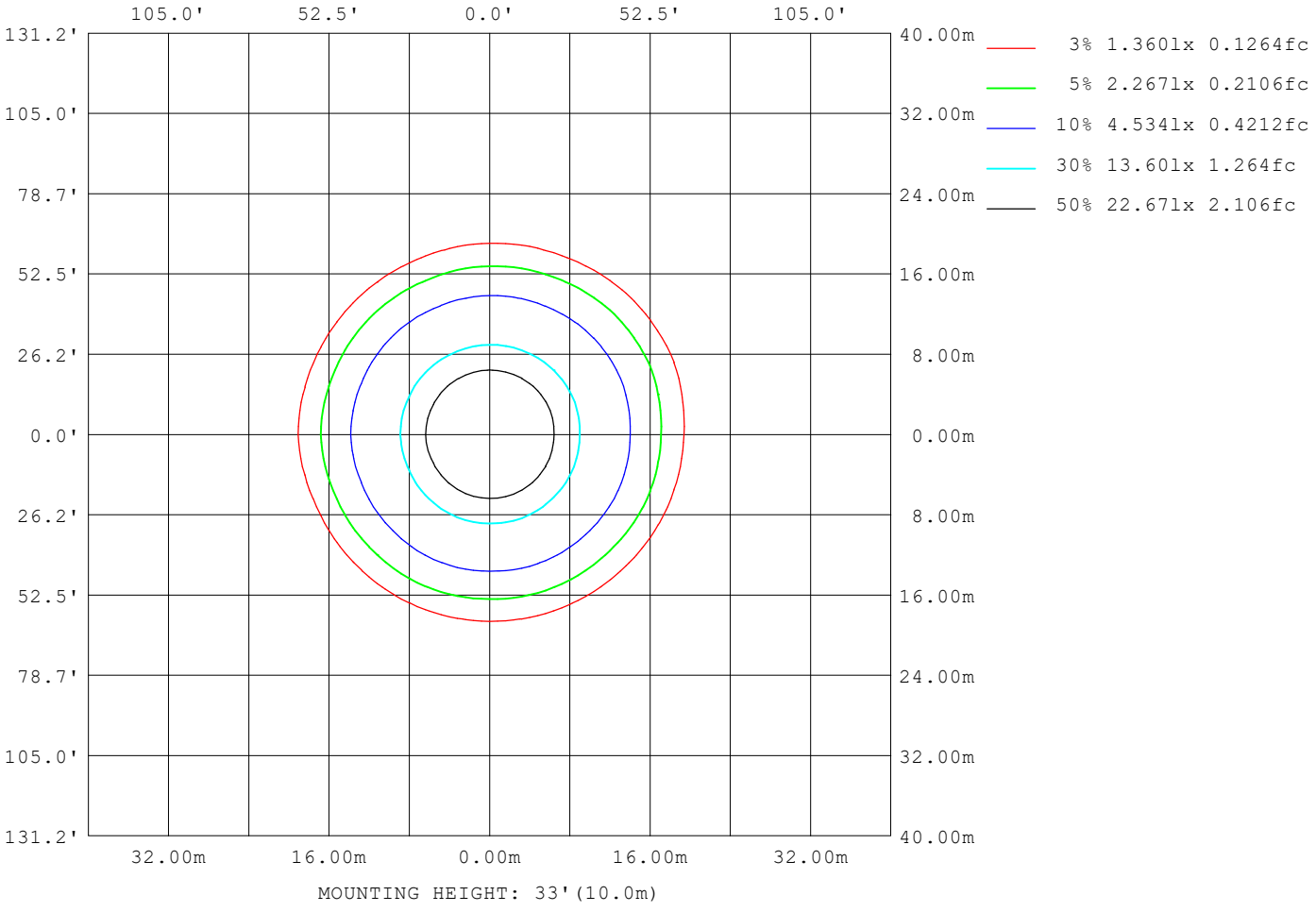
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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:

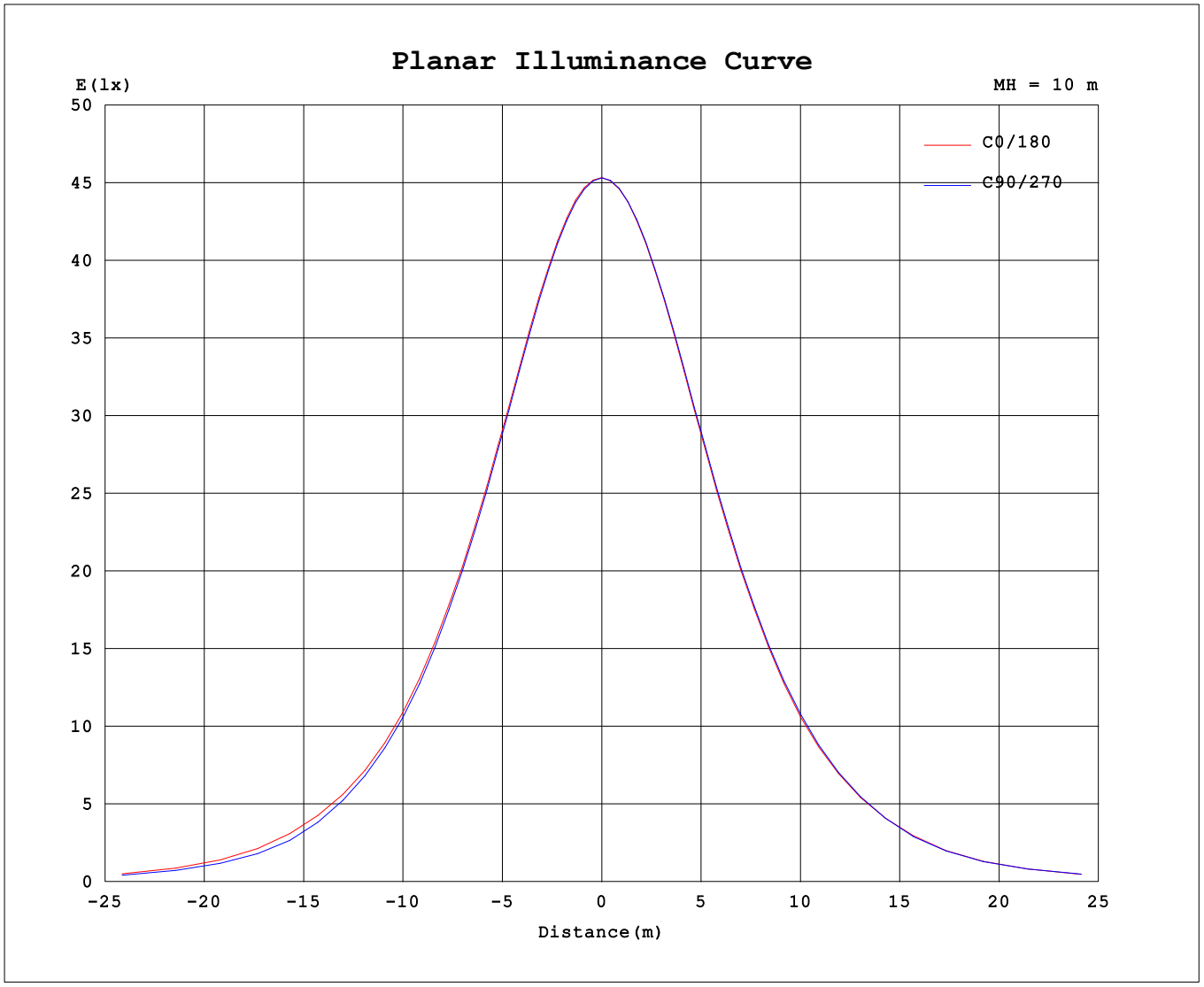
AvgL	cd/m2
L_0~180(65)av	85086
L_0~180(75)av	45664
L_0~180(85)av	25689
L_90~270(65)av	77943
L_90~270(75)av	45592
L_90~270(85)av	30480
L_45(65)av	79689
L_45(75)av	45630
L_45(85)av	28914

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:0.6002A P:70.609W PF:0.9815 Freq:60.01Hz UTHDi:0.45% ITHDi:5.50% KDisp:0.0000 Lamp Flux:11935.5x1 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	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532			
5	4519	4519	4516	4517	4511	4509	4507	4504	4510	4511	4511	4511	4515	4518	4523	4526			
10	4471	4472	4467	4467	4457	4453	4444	4439	4456	4452	4458	4460	4465	4469	4479	4487			
15	4387	4390	4380	4382	4370	4361	4348	4344	4368	4361	4367	4368	4380	4389	4404	4409			
20	4270	4271	4263	4262	4245	4237	4217	4211	4244	4238	4243	4245	4263	4274	4291	4301			
25	4117	4119	4107	4108	4086	4076	4049	4046	4081	4075	4083	4088	4107	4121	4141	4155			
30	3927	3930	3916	3918	3888	3878	3851	3843	3888	3881	3893	3895	3915	3934	3964	3974			
35	3702	3703	3682	3687	3655	3642	3606	3599	3654	3648	3661	3663	3687	3713	3742	3763			
40	3431	3431	3406	3397	3357	3345	3305	3294	3366	3353	3366	3362	3400	3432	3478	3495			
45	3089	3094	3058	3043	2998	2978	2940	2932	3006	2998	3006	3004	3055	3086	3142	3163			
50	2701	2704	2652	2633	2576	2567	2532	2536	2623	2598	2614	2603	2655	2688	2760	2786			
55	2262	2250	2158	2106	2037	2048	2044	2068	2174	2129	2132	2102	2167	2223	2330	2362			
60	1721	1660	1535	1494	1446	1456	1455	1492	1616	1555	1546	1528	1593	1655	1787	1844			
65	1169	1093	1014	1002	973	972	951	979	1089	1052	1042	1039	1096	1137	1223	1283			
70	700	672	628	624	605	598	570	584	671	655	655	655	700	719	768	799			
75	377	373	358	355	336	331	308	320	365	368	381	382	405	414	437	450			
80	175	179	176	176	165	157	142	136	170	179	193	196	206	209	218	218			
85	71.9	75.4	76.6	76.7	68.4	63.3	54.9	52.6	68.7	76.6	88.9	91.6	98.4	97.0	96.0	90.4			
90	26.6	26.4	26.4	26.3	26.5	26.7	27.0	27.2	27.0	27.0	27.0	27.1	27.1	27.4	28.7	28.3			
95	28.3	28.2	28.2	28.1	28.3	28.5	28.9	29.1	28.7	28.7	28.5	28.5	28.3	28.3	28.1	28.1			
100	30.4	30.3	30.3	30.2	30.5	30.6	31.1	31.3	30.6	30.6	30.4	30.4	30.2	30.2	30.0	29.9			
105	32.8	32.6	32.6	32.5	32.8	33.0	33.4	33.7	32.7	32.7	32.5	32.5	32.3	32.2	32.0	32.0			
110	35.2	35.0	35.0	34.9	35.2	35.3	35.8	36.0	34.9	34.9	34.7	34.7	34.5	34.4	34.2	34.1			
115	37.6	37.4	37.4	37.2	37.5	37.6	38.0	38.3	37.0	37.0	36.8	36.8	36.7	36.5	36.3	36.3			
120	39.8	39.6	39.5	39.4	39.8	39.7	40.1	40.4	39.1	39.1	38.9	38.9	38.9	38.6	38.4	38.3			
125	41.7	41.6	41.6	41.5	41.9	41.8	42.0	42.3	41.1	41.2	40.9	41.1	41.1	40.7	40.4	40.3			
130	43.5	43.5	43.4	43.5	43.9	43.7	43.7	44.0	43.0	43.1	42.9	43.2	43.2	42.9	42.4	42.2			
135	45.1	45.3	45.3	45.4	45.7	45.5	45.4	45.5	44.9	44.9	44.8	45.2	45.3	45.0	44.4	44.2			
140	46.8	47.0	47.2	47.3	47.5	47.3	47.1	47.1	46.9	46.8	46.8	47.2	47.4	47.1	46.5	46.2			
145	48.5	48.9	49.1	49.2	49.3	49.1	48.9	48.8	49.1	48.8	48.8	49.2	49.4	49.2	48.7	48.4			
150	50.7	51.0	51.1	51.2	51.4	51.1	51.0	50.9	51.5	51.1	51.0	51.3	51.5	51.4	51.0	50.7			
155	53.1	53.3	53.5	53.5	53.7	53.4	53.3	53.3	54.2	53.6	53.4	53.7	53.9	53.9	53.5	53.4			
160	55.8	55.9	56.0	56.0	56.1	55.9	55.9	55.8	57.0	56.2	56.0	56.2	56.3	56.3	56.2	56.1			
165	58.6	58.6	58.4	58.5	58.5	58.4	58.4	58.4	59.6	58.6	58.5	58.6	58.7	58.7	58.7	58.8			
170	61.0	60.8	60.5	60.5	60.5	60.5	60.5	60.6	61.9	60.8	60.6	60.6	60.6	60.7	60.8	61.0			
175	63.0	62.4	62.0	62.0	61.8	61.9	62.0	62.3	63.5	62.3	62.1	62.1	62.0	62.1	62.2	62.5			
180	64.1	63.0	62.7	62.7	62.7	62.7	62.8	63.1	64.1	63.0	62.7	62.7	62.7	62.7	62.8	63.1			

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

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

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	4532	4532	4532	4532	4532	4532	4532	4532	4532	4532
2.5	4529	4527	4528	4527	4526	4524	4522	4522	4524	4524
5.0	4519	4519	4516	4517	4511	4509	4507	4504	4510	4511
7.5	4502	4500	4495	4494	4488	4484	4480	4476	4489	4486
10.0	4471	4472	4467	4467	4457	4453	4444	4439	4456	4452
12.5	4434	4434	4428	4429	4417	4411	4401	4398	4416	4411
15.0	4387	4390	4380	4382	4370	4361	4348	4344	4368	4361
17.5	4335	4335	4329	4326	4311	4303	4288	4282	4311	4306
20.0	4270	4271	4263	4262	4245	4237	4217	4211	4244	4238
22.5	4197	4198	4189	4189	4171	4162	4135	4133	4168	4159
25.0	4117	4119	4107	4108	4086	4076	4049	4046	4081	4075
27.5	4028	4029	4016	4016	3992	3979	3953	3948	3989	3984
30.0	3927	3930	3916	3918	3888	3878	3851	3843	3888	3881
32.5	3822	3821	3806	3810	3778	3766	3734	3726	3777	3768
35.0	3702	3703	3682	3687	3655	3642	3606	3599	3654	3648
37.5	3576	3577	3552	3550	3516	3503	3465	3455	3518	3507
40.0	3431	3431	3406	3397	3357	3345	3305	3294	3366	3353
42.5	3269	3273	3242	3226	3184	3171	3130	3121	3194	3180
45.0	3089	3094	3058	3043	2998	2978	2940	2932	3006	2998
47.5	2899	2900	2865	2849	2796	2785	2741	2744	2818	2804
50.0	2701	2704	2652	2633	2576	2567	2532	2536	2623	2598
52.5	2492	2489	2422	2392	2326	2329	2304	2314	2409	2376
55.0	2262	2250	2158	2106	2037	2048	2044	2068	2174	2129
57.5	2001	1973	1846	1787	1724	1743	1745	1784	1909	1844
60.0	1721	1660	1535	1494	1446	1456	1455	1492	1616	1555
62.5	1427	1358	1274	1232	1209	1197	1203	1220	1339	1303
65.0	1169	1093	1014	1002	972.9	971.8	951.0	978.9	1089	1052
67.5	911.2	864.9	801.2	798.5	776.1	770.0	744.2	767.0	867.9	840.3
70.0	699.6	672.3	627.6	624.3	605.5	598.0	570.4	584.1	671.2	654.7
72.5	521.3	507.4	480.4	477.5	459.0	451.2	425.5	430.0	504.8	498.3
75.0	376.9	373.4	357.7	355.4	336.3	330.5	308.0	319.5	365.4	367.6
77.5	262.7	275.9	256.1	265.8	237.9	230.6	214.0	209.2	267.8	262.3
80.0	175.1	178.6	176.4	176.4	164.8	156.9	141.6	135.6	170.4	178.9
82.5	123.4	118.8	126.5	122.9	113.6	105.9	92.57	86.83	108.5	127.7
85.0	71.94	75.42	76.63	76.69	68.45	63.34	54.95	52.62	68.67	76.65
87.5	38.45	38.00	36.68	35.85	30.12	29.20	27.31	27.38	36.80	39.68
90.0	26.56	26.39	26.41	26.30	26.50	26.65	26.99	27.17	26.98	27.04
92.5	27.31	27.19	27.21	27.14	27.34	27.51	27.89	28.07	27.78	27.80
95.0	28.27	28.16	28.19	28.11	28.32	28.49	28.89	29.08	28.66	28.69
97.5	29.32	29.20	29.23	29.13	29.36	29.52	29.95	30.15	29.62	29.62
100.0	30.43	30.29	30.33	30.23	30.48	30.64	31.08	31.30	30.62	30.62
102.5	31.60	31.45	31.48	31.37	31.63	31.78	32.24	32.48	31.66	31.65
105.0	32.79	32.63	32.65	32.53	32.79	32.96	33.41	33.66	32.73	32.74
107.5	34.00	33.82	33.84	33.71	33.99	34.12	34.60	34.84	33.83	33.82
110.0	35.19	35.01	35.02	34.88	35.19	35.29	35.75	36.03	34.90	34.90
112.5	36.39	36.21	36.19	36.06	36.38	36.44	36.90	37.19	35.98	35.98
115.0	37.55	37.37	37.35	37.20	37.54	37.55	38.01	38.31	37.04	37.04
117.5	38.68	38.50	38.47	38.34	38.69	38.67	39.07	39.40	38.07	38.09
120.0	39.75	39.59	39.55	39.42	39.82	39.73	40.08	40.42	39.10	39.13
122.5	40.79	40.62	40.57	40.49	40.87	40.78	41.04	41.38	40.10	40.14
125.0	41.75	41.63	41.57	41.53	41.91	41.79	41.98	42.30	41.12	41.15
127.5	42.68	42.59	42.51	42.55	42.91	42.79	42.87	43.16	42.09	42.12
130.0	43.54	43.50	43.43	43.54	43.88	43.75	43.71	43.96	43.05	43.06
132.5	44.35	44.39	44.37	44.49	44.80	44.66	44.54	44.72	43.98	44.00
135.0	45.14	45.26	45.29	45.44	45.71	45.54	45.38	45.50	44.92	44.91
137.5	45.93	46.14	46.21	46.37	46.59	46.41	46.21	46.26	45.89	45.84
140.0	46.76	47.01	47.16	47.29	47.49	47.28	47.08	47.08	46.92	46.79
142.5	47.64	47.91	48.11	48.20	48.39	48.15	47.96	47.94	48.00	47.77
145.0	48.54	48.85	49.06	49.15	49.32	49.05	48.91	48.85	49.12	48.79
147.5	49.56	49.85	50.06	50.13	50.33	50.04	49.91	49.85	50.30	49.92
150.0	50.65	50.98	51.12	51.17	51.36	51.08	50.96	50.92	51.53	51.10
152.5	51.87	52.14	52.25	52.33	52.49	52.22	52.13	52.06	52.83	52.35
155.0	53.11	53.34	53.46	53.52	53.69	53.41	53.33	53.25	54.18	53.61
157.5	54.42	54.61	54.71	54.76	54.91	54.67	54.61	54.54	55.56	54.89
160.0	55.80	55.95	55.97	56.01	56.12	55.94	55.92	55.83	56.97	56.19
162.5	57.18	57.33	57.22	57.29	57.31	57.20	57.18	57.15	58.31	57.43
165.0	58.55	58.61	58.41	58.46	58.46	58.39	58.44	58.39	59.64	58.63
167.5	59.83	59.77	59.50	59.54	59.49	59.52	59.57	59.52	60.85	59.76
170.0	61.04	60.82	60.52	60.51	60.48	60.48	60.51	60.58	61.93	60.82
172.5	62.07	61.74	61.33	61.35	61.23	61.26	61.37	61.54	62.85	61.74
175.0	63.00	62.38	62.00	61.99	61.85	61.94	62.02	62.30	63.45	62.35
177.5	63.68	62.85	62.54	62.49	62.37	62.50	62.58	62.87	63.95	62.77
180.0	64.05	63.00	62.74	62.73	62.68	62.72	62.82	63.09	64.05	62.99

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	4532	4532	4532	4532	4532	4532
2.5	4523	4526	4528	4530	4531	4532
5.0	4511	4511	4515	4518	4523	4526
7.5	4488	4489	4494	4498	4505	4512
10.0	4458	4460	4465	4469	4479	4487
12.5	4415	4420	4428	4434	4444	4453
15.0	4367	4368	4380	4389	4404	4409
17.5	4311	4311	4325	4336	4347	4360
20.0	4243	4245	4263	4274	4291	4301
22.5	4168	4173	4189	4202	4221	4231
25.0	4083	4088	4107	4121	4141	4155
27.5	3992	3996	4016	4033	4059	4066
30.0	3893	3895	3915	3934	3964	3974
32.5	3785	3786	3812	3830	3859	3874
35.0	3661	3663	3687	3713	3742	3763
37.5	3524	3521	3553	3581	3619	3636
40.0	3366	3362	3400	3432	3478	3495
42.5	3193	3187	3233	3268	3318	3337
45.0	3006	3004	3055	3086	3142	3163
47.5	2819	2810	2862	2892	2951	2979
50.0	2614	2603	2655	2688	2760	2786
52.5	2387	2372	2428	2468	2551	2580
55.0	2132	2102	2167	2223	2330	2362
57.5	1839	1808	1877	1945	2075	2121
60.0	1546	1528	1593	1655	1787	1844
62.5	1282	1284	1332	1383	1494	1547
65.0	1042	1039	1096	1137	1223	1283
67.5	834.4	832.6	887.8	914.4	981.2	1020
70.0	655.3	655.1	699.6	719.4	767.7	799.2
72.5	506.2	506.6	540.6	553.8	587.9	610.5
75.0	380.7	381.9	404.7	414.1	436.9	450.0
77.5	286.6	276.9	305.3	299.7	316.5	319.4
80.0	192.7	195.5	206.1	209.1	218.3	217.5
82.5	132.8	143.5	143.7	142.9	145.5	140.4
85.0	88.91	91.57	98.38	97.01	96.02	90.37
87.5	47.32	48.50	55.35	56.22	58.96	55.08
90.0	26.97	27.09	27.12	27.39	28.71	28.28
92.5	27.64	27.65	27.46	27.40	27.27	27.22
95.0	28.52	28.51	28.31	28.26	28.10	28.06
97.5	29.44	29.44	29.25	29.19	29.03	28.97
100.0	30.42	30.42	30.20	30.16	29.97	29.92
102.5	31.46	31.47	31.25	31.18	30.98	30.94
105.0	32.51	32.53	32.30	32.24	32.03	31.98
107.5	33.59	33.62	33.39	33.31	33.10	33.06
110.0	34.66	34.68	34.49	34.39	34.17	34.13
112.5	35.75	35.75	35.60	35.48	35.25	35.20
115.0	36.80	36.80	36.71	36.52	36.30	36.26
117.5	37.85	37.87	37.82	37.57	37.34	37.28
120.0	38.90	38.93	38.91	38.62	38.37	38.30
122.5	39.92	40.00	40.01	39.66	39.37	39.28
125.0	40.91	41.07	41.07	40.72	40.37	40.28
127.5	41.89	42.12	42.14	41.78	41.37	41.26
130.0	42.86	43.17	43.21	42.86	42.40	42.24
132.5	43.84	44.21	44.26	43.93	43.41	43.22
135.0	44.83	45.22	45.30	45.00	44.45	44.22
137.5	45.81	46.23	46.35	46.04	45.50	45.21
140.0	46.79	47.20	47.37	47.10	46.55	46.23
142.5	47.80	48.21	48.36	48.16	47.63	47.29
145.0	48.82	49.21	49.39	49.19	48.70	48.35
147.5	49.91	50.24	50.44	50.28	49.85	49.51
150.0	51.03	51.31	51.54	51.40	51.01	50.72
152.5	52.21	52.45	52.70	52.60	52.27	52.00
155.0	53.44	53.67	53.90	53.85	53.55	53.35
157.5	54.75	54.90	55.10	55.10	54.87	54.73
160.0	56.05	56.15	56.32	56.34	56.21	56.10
162.5	57.27	57.39	57.49	57.55	57.49	57.48
165.0	58.49	58.58	58.66	58.71	58.75	58.79
167.5	59.60	59.65	59.70	59.75	59.84	60.01
170.0	60.63	60.61	60.58	60.69	60.79	61.04
172.5	61.50	61.45	61.34	61.45	61.58	61.85
175.0	62.14	62.08	61.97	62.06	62.23	62.46
177.5	62.58	62.49	62.49	62.47	62.66	62.91
180.0	62.74	62.75	62.68	62.71	62.81	63.09

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: