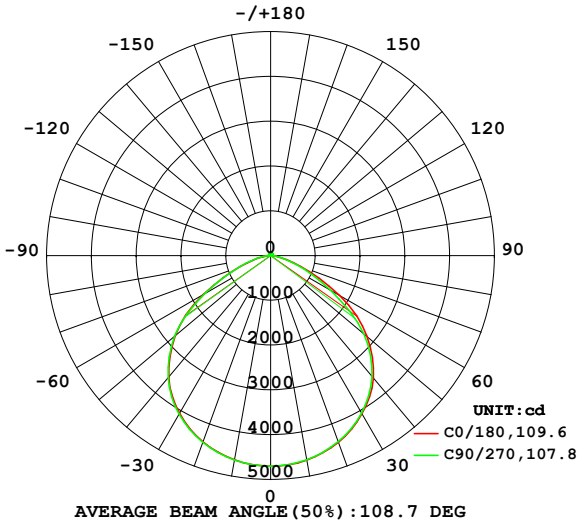
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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:

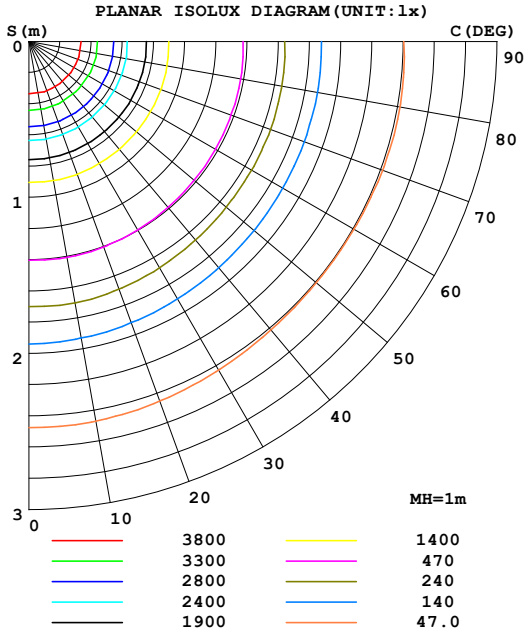
DATA OF LAMP		PHOTOMETRIC DATA Eff: 181.40 lm/W			
MODEL		Imax(cd)	4704	S/MH(C0/180)	1.29
NOMINAL POWER(W)	70	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	12499	η UP,DN(C0-180)	1.1,48.2
NOMINAL FLUX(lm)	12499.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.7
LAMPS INSIDE	1	η up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	97.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):108.7 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	4641	4642	4631	4622	4634	4635	4638	4649	0- 10	445.8	445.8	3.57,3.57
20	4434	4431	4422	4399	4426	4424	4436	4455	10- 20	1285	1731	13.8,13.8
30	4083	4077	4063	4030	4070	4076	4089	4123	20- 30	1969	3700	29.6,29.6
40	3572	3550	3524	3479	3542	3540	3561	3623	30- 40	2401	6101	48.8,48.8
50	2807	2766	2714	2686	2780	2771	2798	2879	40- 50	2453	8554	68.4,68.4
60	1776	1590	1528	1562	1733	1655	1683	1854	50- 60	2014	10567	84.5,84.5
70	716.4	648.5	640.0	616.0	729.3	705.6	738.3	796.7	60- 70	1135	11702	93.6,93.6
80	176.9	180.1	173.0	154.2	188.3	209.3	217.7	225.2	70- 80	434.6	12137	97.1,97.1
90	27.89	27.73	27.73	28.17	28.20	28.27	28.38	29.02	80- 90	99.14	12236	97.9,97.9
100	32.01	31.85	31.89	32.40	31.91	31.77	31.64	31.49	90-100	32.55	12268	98.2,98.2
110	36.96	36.73	36.78	37.25	36.36	36.19	36.09	35.87	100-110	36.15	12304	98.4,98.4
120	41.69	41.42	41.62	41.77	40.69	40.57	40.71	40.22	110-120	38.51	12343	98.7,98.7
130	45.57	45.45	45.83	45.57	44.75	44.67	45.13	44.36	120-130	38.67	12382	99.1,99.1
140	48.87	49.30	49.58	49.04	48.77	48.74	49.44	48.68	130-140	36.45	12418	99.3,99.3
150	52.97	53.45	53.64	53.09	53.58	53.18	53.80	53.33	140-150	32.07	12450	99.6,99.6
160	58.33	58.52	58.59	58.26	59.29	58.42	58.80	58.74	150-160	25.81	12476	99.8,99.8
170	63.78	63.22	63.14	63.09	64.53	63.24	63.25	63.51	160-170	17.25	12493	100,100
180	66.87	65.52	65.44	65.56	66.85	65.52	65.44	65.55	170-180	6.155	12499	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7348.7 lm

%lum = 58.8%
%lamp = 58.8%

Conical surface Flux(130deg): 11244 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

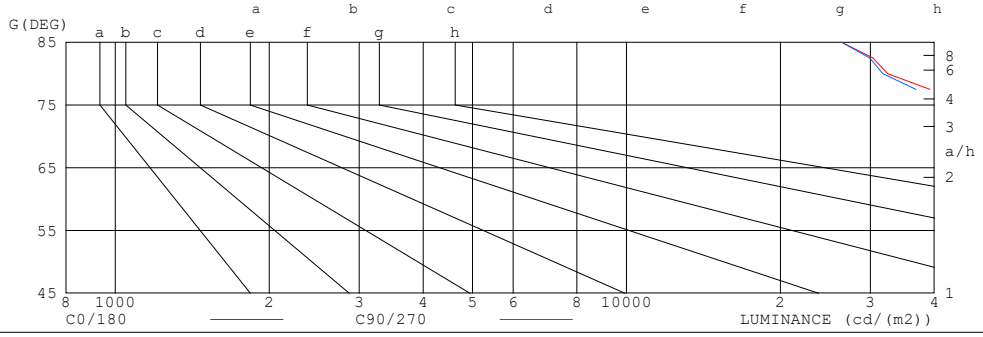
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz **UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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	26347	26357
80	32429	31743
75	47114	43672
70	66670	59613
65	90602	77479
60	113073	97377
55	130345	119263
50	138996	134527
45	144652	142135

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:

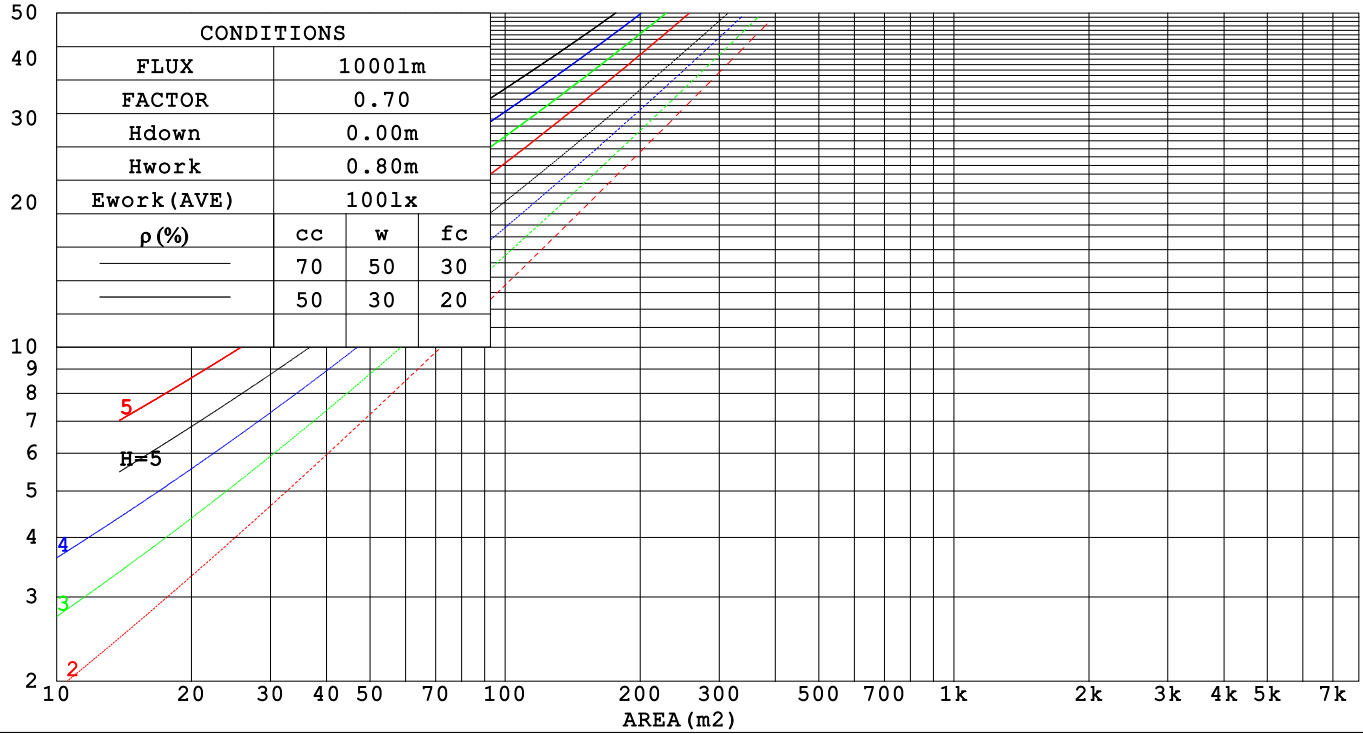
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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	.35	.31	.41	.35	.31	.29
10.0	.41	.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:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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	.152	.048	.251	.144	.046	.238	.137	.044	.226	.131	.042	
2.0	.264	.144	.044	.257	.142	.044	.244	.136	.042	.233	.131	.041	.222	.126	.040	
3.0	.248	.132	.040	.243	.130	.039	.231	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.233	.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	.027	.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:119.86V I:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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	29.5	30.9	29.8	31.1	31.4	29.1	30.5	29.4	30.8	31.0
3H	30.1	31.4	30.4	31.7	32.0	29.7	31.0	30.0	31.2	31.5
4H	30.2	31.5	30.6	31.7	32.0	29.8	31.0	30.1	31.3	31.6
6H	30.3	31.4	30.6	31.7	32.0	29.8	31.0	30.2	31.3	31.6
8H	30.2	31.3	30.6	31.7	32.0	29.8	30.9	30.2	31.2	31.6
12H	30.2	31.3	30.6	31.6	31.9	29.8	30.8	30.2	31.2	31.5
4H 2H	29.7	31.0	30.1	31.2	31.5	29.4	30.6	29.7	30.9	31.2
3H	30.5	31.5	30.8	31.9	32.2	30.1	31.2	30.5	31.5	31.8
4H	30.7	31.6	31.1	32.0	32.4	30.3	31.2	30.7	31.6	32.0
6H	30.7	31.6	31.2	32.0	32.4	30.4	31.2	30.8	31.6	32.0
8H	30.7	31.5	31.2	31.9	32.4	30.4	31.2	30.8	31.6	32.0
12H	30.7	31.5	31.2	31.9	32.3	30.4	31.1	30.8	31.5	32.0
8H 4H	30.7	31.4	31.1	31.9	32.3	30.3	31.1	30.7	31.5	31.9
6H	30.8	31.4	31.3	31.9	32.3	30.5	31.1	30.9	31.5	32.0
8H	30.8	31.4	31.3	31.9	32.4	30.5	31.1	31.0	31.5	32.0
12H	30.8	31.3	31.4	31.8	32.3	30.5	31.0	31.0	31.5	32.0
12H 4H	30.6	31.3	31.1	31.8	32.2	30.3	31.0	30.7	31.4	31.9
6H	30.8	31.3	31.3	31.8	32.3	30.4	31.0	30.9	31.5	32.0
8H	30.8	31.3	31.3	31.8	32.3	30.5	31.0	31.0	31.5	32.0

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.3 / - 0.4	+ 0.4 / - 0.5
1.5H	+ 0.3 / - 0.6	+ 0.3 / - 0.7
2.0H	+ 0.8 / - 1.1	+ 0.9 / - 1.1

CIE Pub.117, 12499 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 8.8)
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:119.86V I:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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:

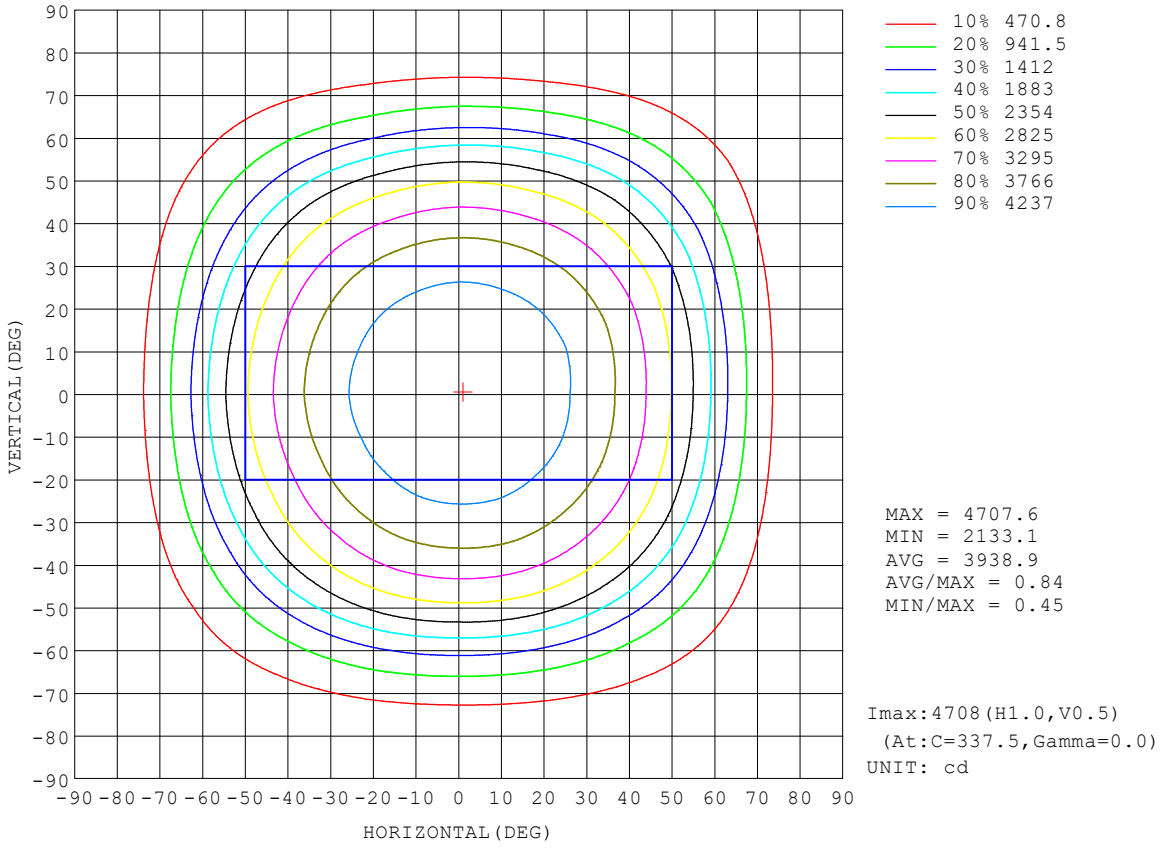
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	57	51	44
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	97	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:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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:



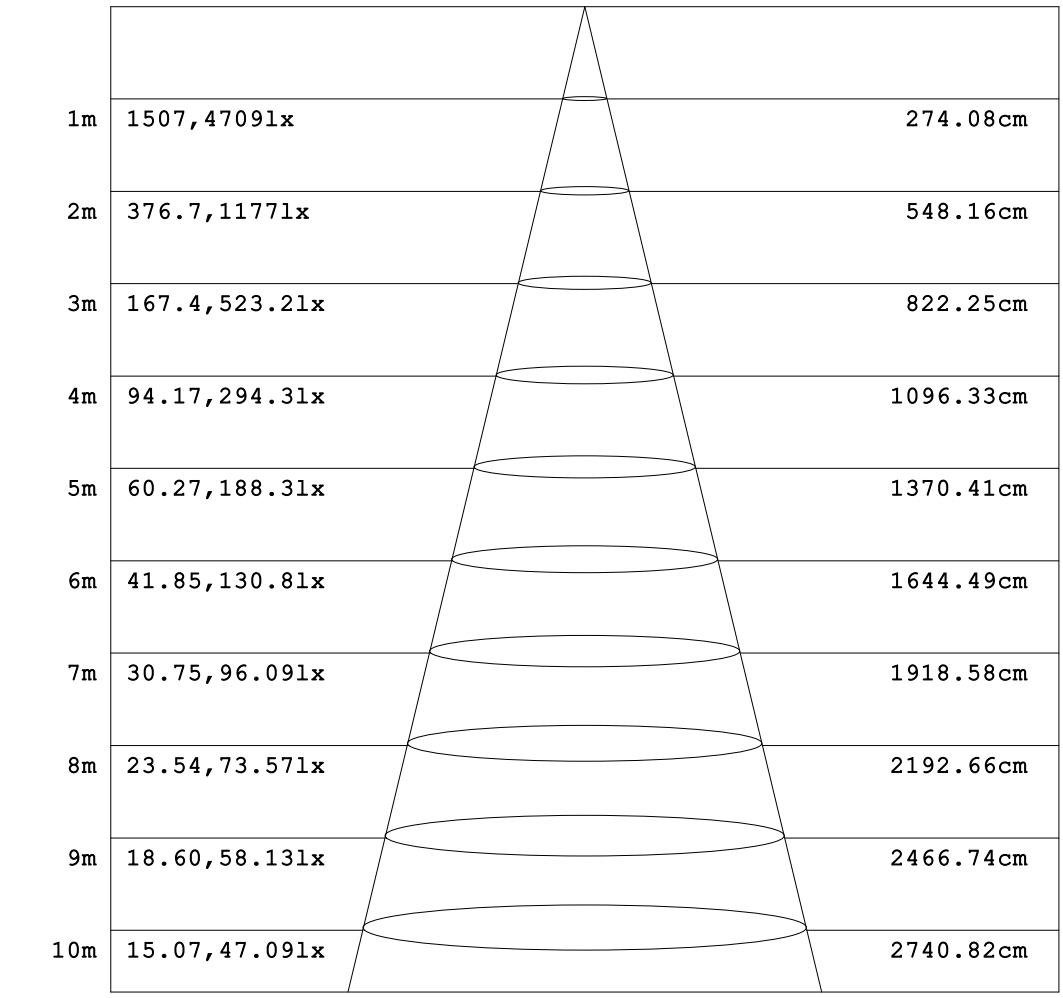
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.86V I:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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:9655 lm



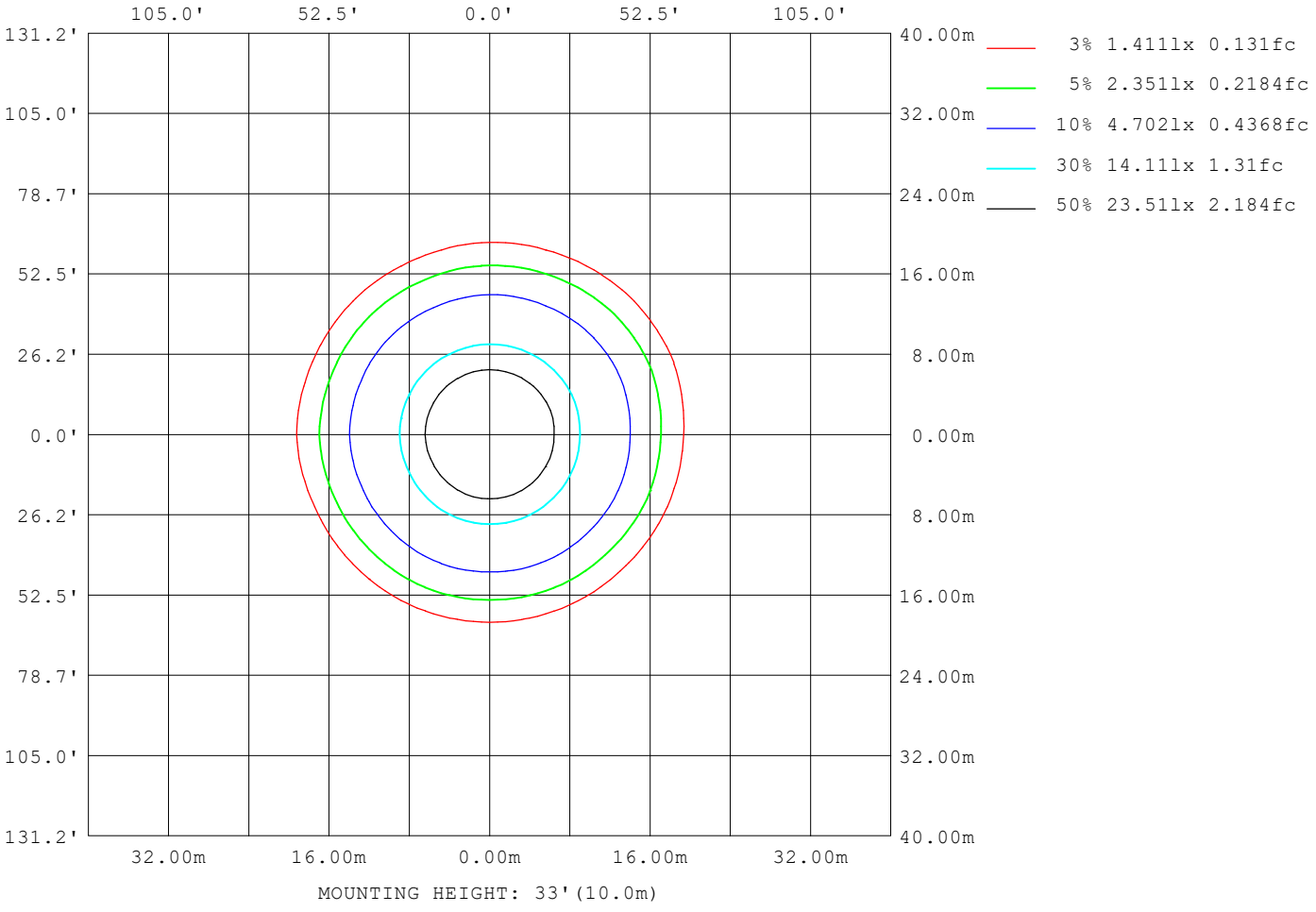
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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:119.86V I:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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:

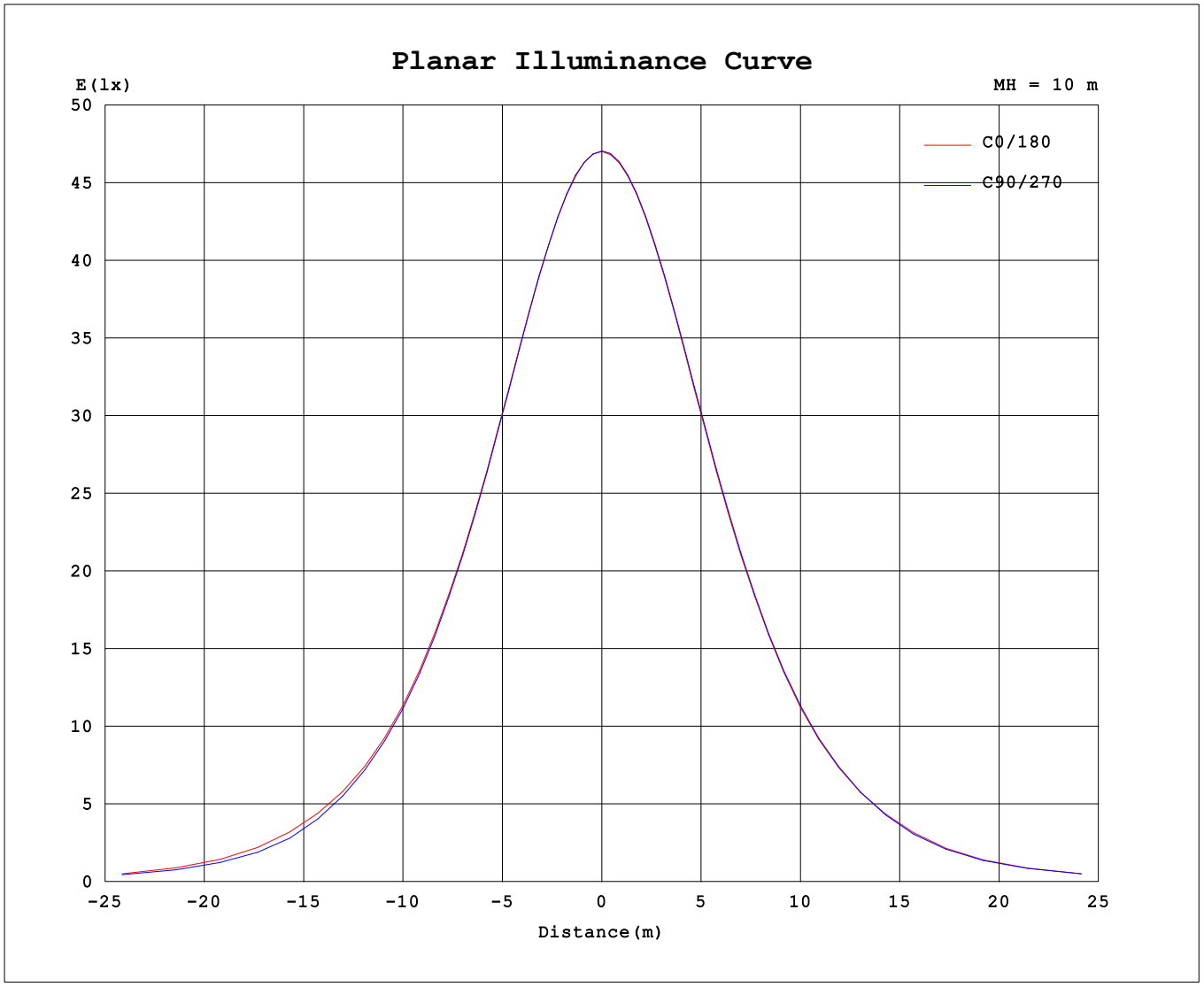
AvgL	cd/m2
L_0~180(65)av	89569
L_0~180(75)av	48196
L_0~180(85)av	27029
L_90~270(65)av	82263
L_90~270(75)av	48110
L_90~270(85)av	32172
L_45(65)av	83967
L_45(75)av	48159
L_45(85)av	30403

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:0.5863A P:68.904W PF:0.9805 Freq:60.01Hz UTHDi:0.46% ITHDi:5.63% KDisp:0.0000 Lamp Flux:12499.4x1 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	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704			
5	4688	4691	4690	4690	4684	4685	4680	4676	4685	4687	4687	4686	4688	4692	4694	4696			
10	4641	4643	4642	4640	4631	4631	4622	4615	4634	4633	4635	4635	4638	4644	4649	4653			
15	4553	4557	4554	4556	4546	4543	4529	4524	4547	4545	4547	4547	4555	4560	4571	4575			
20	4434	4439	4431	4433	4422	4418	4399	4391	4426	4421	4424	4426	4436	4444	4455	4461			
25	4279	4284	4274	4277	4262	4258	4233	4230	4266	4259	4268	4267	4282	4290	4307	4313			
30	4083	4092	4077	4082	4063	4057	4030	4025	4070	4065	4076	4074	4089	4098	4123	4131			
35	3853	3859	3841	3847	3822	3818	3786	3781	3834	3830	3842	3838	3856	3871	3898	3910			
40	3572	3575	3550	3550	3524	3517	3479	3470	3542	3527	3540	3537	3561	3585	3623	3635			
45	3213	3220	3189	3185	3155	3149	3106	3101	3179	3165	3178	3169	3208	3224	3272	3290			
50	2807	2813	2766	2759	2714	2721	2686	2692	2780	2757	2771	2756	2798	2815	2879	2895			
55	2349	2333	2247	2207	2147	2179	2181	2210	2313	2272	2270	2234	2289	2331	2426	2452			
60	1776	1714	1590	1564	1528	1554	1562	1607	1733	1671	1655	1624	1683	1735	1854	1902			
65	1203	1126	1048	1044	1028	1041	1023	1058	1174	1132	1119	1106	1155	1204	1267	1318			
70	716	690	648	649	640	641	616	635	729	708	706	698	738	753	797	818			
75	383	381	368	368	355	354	334	336	400	399	411	408	427	431	453	458			
80	177	181	180	182	173	168	154	150	188	196	209	210	218	217	225	221			
85	72.1	75.8	76.7	78.4	72.1	68.5	60.2	58.8	75.8	84.6	97.3	98.7	104	100	98.6	91.3			
90	27.9	27.7	27.7	27.6	27.7	27.8	28.2	28.3	28.2	28.3	28.3	28.4	28.4	28.6	29.0	28.7			
95	29.7	29.6	29.6	29.5	29.6	29.7	30.1	30.3	29.9	29.9	29.8	29.8	29.7	29.7	29.5	29.5			
100	32.0	31.9	31.9	31.7	31.9	32.0	32.4	32.6	31.9	32.0	31.8	31.8	31.6	31.7	31.5	31.5			
105	34.5	34.3	34.3	34.1	34.3	34.4	34.8	35.0	34.1	34.1	33.9	34.0	33.8	33.9	33.7	33.6			
110	37.0	36.8	36.7	36.5	36.8	36.8	37.3	37.5	36.4	36.4	36.2	36.2	36.1	36.1	35.9	35.8			
115	39.4	39.2	39.1	39.0	39.3	39.2	39.6	39.8	38.6	38.6	38.4	38.4	38.4	38.3	38.1	38.1			
120	41.7	41.5	41.4	41.3	41.6	41.5	41.8	42.0	40.7	40.8	40.6	40.6	40.7	40.5	40.2	40.2			
125	43.7	43.6	43.5	43.5	43.8	43.6	43.7	44.0	42.8	42.9	42.6	42.8	42.9	42.7	42.3	42.2			
130	45.6	45.5	45.4	45.6	45.8	45.6	45.6	45.7	44.7	44.8	44.7	45.0	45.1	44.9	44.4	44.2			
135	47.2	47.4	47.4	47.5	47.7	47.5	47.3	47.3	46.7	46.8	46.7	47.2	47.3	47.1	46.5	46.2			
140	48.9	49.2	49.3	49.4	49.6	49.3	49.0	49.0	48.8	48.7	48.7	49.2	49.4	49.3	48.7	48.3			
145	50.8	51.1	51.3	51.4	51.5	51.2	51.0	50.8	51.1	50.8	50.9	51.3	51.6	51.5	50.9	50.6			
150	53.0	53.3	53.5	53.5	53.6	53.3	53.1	52.9	53.6	53.2	53.2	53.5	53.8	53.7	53.3	53.0			
155	55.5	55.8	55.9	55.9	56.1	55.7	55.6	55.4	56.4	55.8	55.7	56.0	56.2	56.3	56.0	55.8			
160	58.3	58.5	58.5	58.5	58.6	58.3	58.3	58.1	59.3	58.6	58.4	58.6	58.8	58.9	58.7	58.7			
165	61.2	61.3	61.1	61.1	61.0	60.9	60.9	60.8	62.1	61.1	61.0	61.1	61.2	61.4	61.4	61.4			
170	63.8	63.6	63.2	63.2	63.1	63.1	63.1	63.1	64.5	63.4	63.2	63.2	63.2	63.4	63.5	63.7			
175	65.8	65.2	64.8	64.7	64.6	64.6	64.7	64.9	66.2	65.1	64.9	64.8	64.7	64.8	65.0	65.2			
180	66.9	65.8	65.5	65.5	65.4	65.5	65.6	65.8	66.8	65.8	65.5	65.5	65.4	65.5	65.6	65.8			

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:

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	4704	4704	4704	4704	4704	4704	4704	4704	4704	4704
2.5	4701	4703	4701	4701	4696	4698	4696	4694	4697	4700
5.0	4688	4691	4690	4690	4684	4685	4680	4676	4685	4687
7.5	4671	4671	4667	4670	4660	4661	4655	4649	4663	4665
10.0	4641	4643	4642	4640	4631	4631	4622	4615	4634	4633
12.5	4601	4606	4601	4602	4593	4591	4579	4575	4595	4594
15.0	4553	4557	4554	4556	4546	4543	4529	4524	4547	4545
17.5	4499	4503	4498	4498	4486	4484	4471	4463	4492	4489
20.0	4434	4439	4431	4433	4422	4418	4399	4391	4426	4421
22.5	4361	4365	4358	4361	4346	4342	4321	4317	4352	4343
25.0	4279	4284	4274	4277	4262	4258	4233	4230	4266	4259
27.5	4186	4194	4180	4186	4165	4163	4136	4131	4173	4167
30.0	4083	4092	4077	4082	4063	4057	4030	4025	4070	4065
32.5	3973	3982	3965	3970	3948	3944	3914	3908	3958	3952
35.0	3853	3859	3841	3847	3822	3818	3786	3781	3834	3830
37.5	3720	3726	3702	3708	3682	3678	3643	3635	3697	3685
40.0	3572	3575	3550	3550	3524	3517	3479	3470	3542	3527
42.5	3401	3405	3381	3375	3347	3343	3301	3295	3368	3352
45.0	3213	3220	3189	3185	3155	3149	3106	3101	3179	3165
47.5	3014	3016	2988	2972	2947	2935	2905	2896	2979	2966
50.0	2807	2813	2766	2759	2714	2721	2686	2692	2780	2757
52.5	2588	2586	2523	2507	2455	2471	2451	2464	2554	2529
55.0	2349	2333	2247	2207	2147	2179	2181	2210	2313	2272
57.5	2074	2041	1917	1871	1820	1858	1870	1915	2037	1978
60.0	1776	1714	1590	1564	1528	1554	1562	1607	1733	1671
62.5	1470	1400	1319	1289	1278	1283	1292	1316	1439	1388
65.0	1203	1126	1048	1044	1028	1041	1023	1058	1174	1132
67.5	935.7	890.8	828.6	830.9	821.0	825.9	802.6	830.2	938.8	907.2
70.0	716.4	689.8	648.5	648.5	640.0	640.9	616.0	635.3	729.3	707.5
72.5	532.1	519.5	495.4	494.5	484.5	483.8	460.5	469.2	550.3	539.4
75.0	383.1	381.0	368.0	367.7	354.8	353.9	333.9	335.6	400.3	399.4
77.5	266.6	280.9	262.3	274.6	250.2	260.8	232.4	230.0	294.2	285.8
80.0	176.9	180.9	180.1	181.7	173.0	167.8	154.2	149.9	188.3	195.7
82.5	124.5	120.5	128.3	126.5	122.5	113.2	100.7	95.84	120.1	140.1
85.0	72.14	75.79	76.71	78.41	72.11	68.45	60.22	58.85	75.80	84.58
87.5	37.73	37.34	36.22	36.24	31.92	31.80	29.43	29.86	41.61	44.82
90.0	27.89	27.72	27.73	27.60	27.73	27.84	28.17	28.30	28.20	28.32
92.5	28.73	28.60	28.60	28.48	28.62	28.76	29.07	29.21	28.99	29.05
95.0	29.74	29.60	29.62	29.48	29.64	29.75	30.11	30.25	29.89	29.95
97.5	30.85	30.69	30.71	30.56	30.73	30.86	31.22	31.36	30.89	30.94
100.0	32.01	31.85	31.85	31.71	31.89	32.00	32.40	32.55	31.91	31.96
102.5	33.23	33.04	33.06	32.91	33.09	33.19	33.60	33.76	33.00	33.05
105.0	34.47	34.27	34.26	34.10	34.30	34.40	34.82	34.99	34.10	34.14
107.5	35.72	35.52	35.51	35.33	35.54	35.62	36.04	36.24	35.22	35.29
110.0	36.96	36.76	36.73	36.55	36.78	36.83	37.25	37.46	36.36	36.41
112.5	38.21	38.01	37.97	37.77	38.05	38.04	38.44	38.66	37.47	37.51
115.0	39.40	39.21	39.15	38.96	39.25	39.21	39.58	39.84	38.57	38.61
117.5	40.58	40.39	40.31	40.14	40.47	40.37	40.70	40.96	39.63	39.70
120.0	41.69	41.52	41.42	41.27	41.62	41.47	41.77	42.03	40.69	40.77
122.5	42.75	42.57	42.50	42.39	42.72	42.56	42.77	43.05	41.72	41.82
125.0	43.74	43.59	43.49	43.45	43.79	43.60	43.74	43.99	42.75	42.87
127.5	44.68	44.59	44.46	44.51	44.83	44.63	44.66	44.87	43.76	43.87
130.0	45.57	45.53	45.45	45.55	45.83	45.63	45.57	45.72	44.75	44.85
132.5	46.43	46.45	46.41	46.53	46.80	46.57	46.43	46.51	45.74	45.81
135.0	47.24	47.36	47.38	47.53	47.75	47.49	47.32	47.32	46.72	46.77
137.5	48.02	48.25	48.30	48.47	48.66	48.40	48.15	48.10	47.72	47.72
140.0	48.87	49.17	49.30	49.44	49.58	49.30	49.04	48.96	48.77	48.70
142.5	49.80	50.08	50.29	50.38	50.53	50.23	49.97	49.86	49.92	49.74
145.0	50.76	51.07	51.27	51.36	51.50	51.18	50.97	50.81	51.07	50.80
147.5	51.83	52.16	52.34	52.38	52.53	52.19	52.01	51.83	52.30	52.00
150.0	52.97	53.29	53.45	53.49	53.64	53.28	53.09	52.92	53.58	53.22
152.5	54.22	54.52	54.64	54.69	54.82	54.45	54.31	54.15	54.94	54.51
155.0	55.54	55.79	55.88	55.94	56.06	55.74	55.58	55.38	56.36	55.85
157.5	56.91	57.12	57.18	57.22	57.33	57.03	56.92	56.75	57.82	57.19
160.0	58.33	58.52	58.52	58.51	58.59	58.34	58.26	58.10	59.29	58.55
162.5	59.78	59.94	59.83	59.86	59.83	59.69	59.61	59.47	60.72	59.87
165.0	61.23	61.28	61.08	61.06	61.03	60.92	60.90	60.80	62.10	61.13
167.5	62.52	62.48	62.20	62.18	62.11	62.07	62.05	61.97	63.38	62.30
170.0	63.78	63.55	63.22	63.22	63.14	63.10	63.09	63.10	64.53	63.42
172.5	64.88	64.49	64.07	64.06	63.93	63.93	63.99	64.09	65.54	64.43
175.0	65.82	65.16	64.77	64.74	64.58	64.64	64.70	64.91	66.17	65.06
177.5	66.52	65.64	65.32	65.27	65.12	65.23	65.29	65.53	66.71	65.54
180.0	66.87	65.77	65.52	65.48	65.44	65.50	65.56	65.80	66.85	65.79

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	4704	4704	4704	4704	4704	4704
2.5	4700	4700	4701	4703	4703	4704
5.0	4687	4686	4688	4692	4694	4696
7.5	4663	4666	4667	4671	4677	4677
10.0	4635	4635	4638	4644	4649	4653
12.5	4597	4595	4600	4605	4615	4618
15.0	4547	4547	4555	4560	4571	4575
17.5	4491	4491	4499	4507	4517	4522
20.0	4424	4426	4436	4444	4455	4461
22.5	4350	4352	4364	4371	4388	4391
25.0	4268	4267	4282	4290	4307	4313
27.5	4176	4177	4191	4199	4219	4224
30.0	4076	4074	4089	4098	4123	4131
32.5	3967	3963	3980	3989	4017	4026
35.0	3842	3838	3856	3871	3898	3910
37.5	3699	3696	3717	3736	3768	3779
40.0	3540	3537	3561	3585	3623	3635
42.5	3366	3358	3392	3412	3455	3470
45.0	3178	3169	3208	3224	3272	3290
47.5	2974	2970	3003	3023	3079	3097
50.0	2771	2756	2798	2815	2879	2895
52.5	2536	2515	2562	2588	2661	2680
55.0	2270	2234	2289	2331	2426	2452
57.5	1963	1924	1982	2039	2156	2195
60.0	1655	1624	1683	1735	1854	1902
62.5	1374	1351	1407	1449	1547	1590
65.0	1119	1106	1155	1204	1267	1318
67.5	896.9	886.3	935.2	957.7	1019	1045
70.0	705.6	698.2	738.3	752.7	796.7	818.0
72.5	545.3	540.8	570.0	578.5	609.3	623.4
75.0	410.9	408.3	427.2	431.4	452.8	458.4
77.5	310.0	296.9	322.3	311.2	327.6	325.1
80.0	209.3	209.6	217.7	216.9	225.2	220.6
82.5	144.2	146.4	151.9	148.0	149.7	142.3
85.0	97.29	98.74	104.0	100.1	98.59	91.33
87.5	52.63	52.59	58.13	57.11	59.49	54.78
90.0	28.27	28.38	28.38	28.56	29.02	28.70
92.5	28.90	28.91	28.77	28.79	28.65	28.61
95.0	29.77	29.79	29.65	29.67	29.51	29.49
97.5	30.75	30.78	30.63	30.65	30.47	30.44
100.0	31.77	31.82	31.64	31.69	31.49	31.46
102.5	32.85	32.89	32.73	32.75	32.56	32.53
105.0	33.95	33.97	33.83	33.86	33.65	33.62
107.5	35.07	35.10	34.97	34.96	34.76	34.72
110.0	36.19	36.23	36.09	36.11	35.87	35.84
112.5	37.30	37.32	37.26	37.21	36.98	36.95
115.0	38.41	38.44	38.41	38.33	38.10	38.06
117.5	39.48	39.52	39.56	39.41	39.15	39.11
120.0	40.57	40.64	40.71	40.50	40.22	40.16
122.5	41.62	41.73	41.82	41.57	41.25	41.17
125.0	42.65	42.85	42.93	42.68	42.29	42.19
127.5	43.65	43.94	44.04	43.77	43.31	43.19
130.0	44.67	45.04	45.13	44.87	44.36	44.20
132.5	45.69	46.11	46.23	45.99	45.42	45.24
135.0	46.71	47.15	47.30	47.09	46.50	46.25
137.5	47.72	48.20	48.37	48.18	47.59	47.31
140.0	48.74	49.23	49.44	49.26	48.68	48.31
142.5	49.80	50.27	50.49	50.39	49.80	49.43
145.0	50.87	51.31	51.55	51.46	50.94	50.55
147.5	52.00	52.42	52.65	52.59	52.12	51.77
150.0	53.18	53.52	53.80	53.74	53.33	53.00
152.5	54.40	54.74	55.00	55.02	54.63	54.37
155.0	55.69	56.01	56.24	56.32	55.96	55.77
157.5	57.06	57.28	57.50	57.61	57.34	57.19
160.0	58.42	58.61	58.80	58.91	58.74	58.66
162.5	59.73	59.88	60.04	60.16	60.08	60.07
165.0	61.00	61.14	61.25	61.38	61.38	61.45
167.5	62.17	62.26	62.34	62.46	62.50	62.68
170.0	63.24	63.24	63.25	63.45	63.51	63.75
172.5	64.15	64.11	64.01	64.19	64.31	64.58
175.0	64.90	64.81	64.69	64.82	64.97	65.20
177.5	65.36	65.27	65.21	65.27	65.42	65.65
180.0	65.52	65.50	65.44	65.52	65.55	65.81

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: