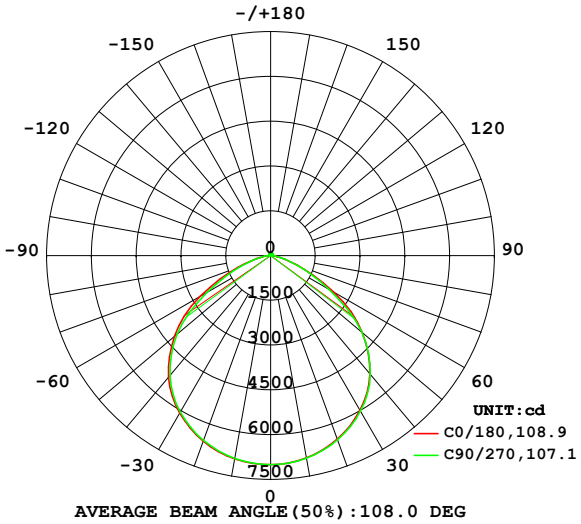
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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:

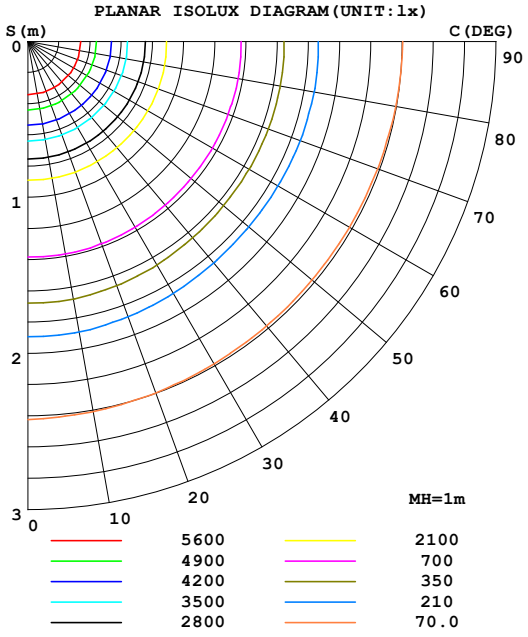
DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.46 lm/W			
MODEL		Imax(cd)	7003	S/MH(C0/180)	1.29
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	18429	η UP,DN(C0-180)	1.1,48.1
NOMINAL FLUX(lm)	18429.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.8
LAMPS INSIDE	1	η up(%)	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%):108.0 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	6881	6892	6892	6885	6913	6912	6901	6901	0- 10	663.5	663.5	3.6,3.6
20	6544	6555	6565	6558	6613	6597	6586	6587	10- 20	1910	2573	14,14
30	5987	5999	6018	6008	6089	6078	6052	6062	20- 30	2919	5492	29.8,29.8
40	5175	5183	5194	5202	5320	5288	5248	5281	30- 40	3549	9041	49.1,49.1
50	4011	3982	3987	4030	4200	4146	4085	4136	40- 50	3610	12651	68.6,68.6
60	2428	2219	2241	2406	2724	2540	2450	2584	50- 60	2950	15601	84.7,84.7
70	936.2	886.5	940.7	973.4	1182	1102	1073	1075	60- 70	1657	17259	93.6,93.6
80	217.4	239.6	257.4	255.1	325.4	339.7	317.3	311.0	70- 80	634.7	17893	97.1,97.1
90	41.55	41.09	40.71	41.07	42.10	42.89	41.76	41.61	80- 90	145.9	18039	97.9,97.9
100	47.83	47.30	46.84	47.15	46.55	46.52	46.70	46.88	90-100	47.94	18087	98.1,98.1
110	55.21	54.62	54.17	54.40	53.12	53.06	53.36	53.45	100-110	53.30	18141	98.4,98.4
120	62.15	61.59	61.42	61.23	59.64	59.66	60.27	59.96	110-120	56.88	18198	98.7,98.7
130	67.90	67.59	67.74	67.02	65.75	65.83	66.92	66.19	120-130	57.21	18255	99.1,99.1
140	72.82	73.35	73.43	72.25	71.74	71.90	73.36	72.64	130-140	53.98	18309	99.3,99.3
150	78.92	79.49	79.36	78.15	78.82	78.43	79.79	79.53	140-150	47.51	18356	99.6,99.6
160	86.78	86.91	86.66	85.76	87.30	86.17	87.10	87.42	150-160	38.21	18394	99.8,99.8
170	94.65	93.83	93.37	93.03	95.26	93.45	93.60	94.18	160-170	25.53	18420	100,100
180	98.88	97.04	96.74	96.95	98.97	97.13	96.76	97.00	170-180	9.107	18429	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 10880 lm

%lum = 59.0%
%lamp = 59.0%

Conical surface Flux(130deg): 16589 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

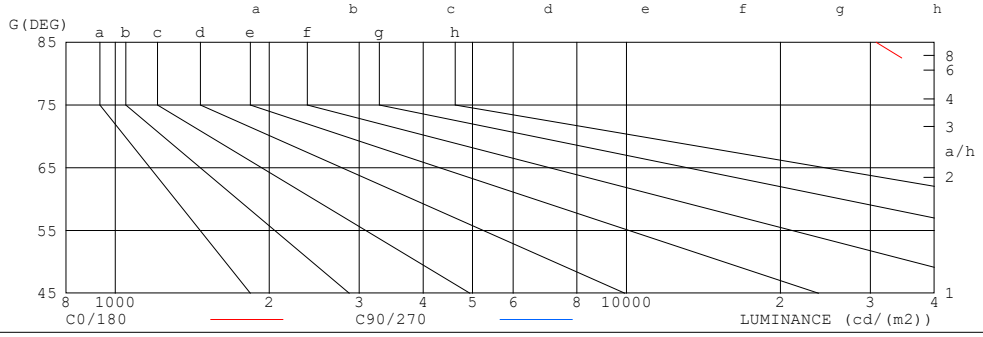
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz **UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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	30811	41210
80	40007	47193
75	60237	64474
70	87459	87547
65	120043	113452
60	155154	142674
55	183665	175166
50	199355	197435
45	209003	208843

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

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

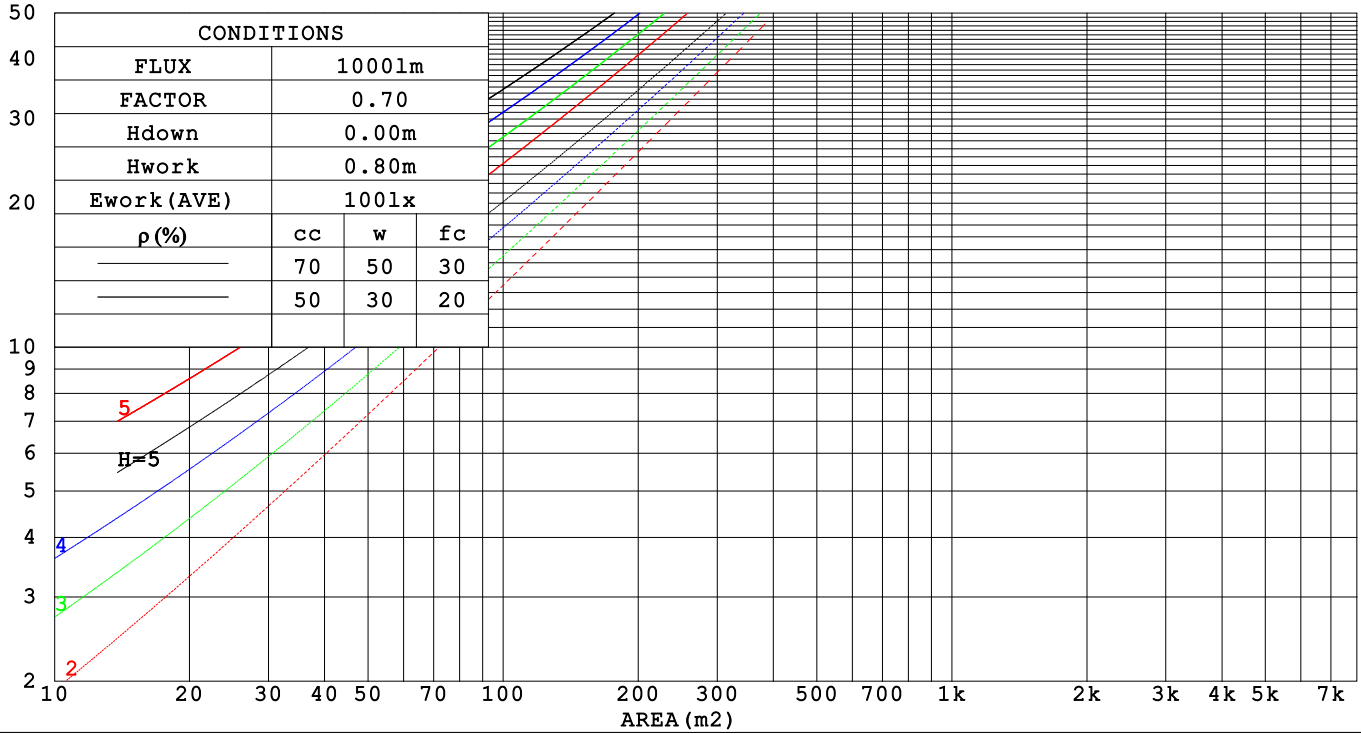
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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	.63	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.66	.57	.51	.64	.57	.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	.46	.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:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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	.225	.131	.042	
2.0	.263	.144	.044	.256	.141	.043	.244	.136	.042	.232	.130	.041	.221	.125	.039	
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	.187	.100	.030	
6.0	.203	.102	.029	.199	.100	.029	.191	.098	.028	.183	.095	.028	.176	.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:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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	30.5	31.9	30.8	32.2	32.4	30.3	31.7	30.6	32.0	32.2
3H	31.1	32.4	31.4	32.6	32.9	30.9	32.2	31.2	32.4	32.7
4H	31.2	32.4	31.5	32.7	33.0	31.0	32.2	31.3	32.5	32.8
6H	31.2	32.3	31.5	32.6	32.9	31.0	32.2	31.4	32.5	32.8
8H	31.1	32.2	31.5	32.6	32.9	31.0	32.1	31.4	32.4	32.8
12H	31.1	32.2	31.5	32.5	32.8	31.0	32.1	31.4	32.4	32.7
4H 2H	30.8	32.0	31.1	32.3	32.6	30.6	31.8	30.9	32.1	32.4
3H	31.4	32.5	31.8	32.8	33.1	31.3	32.3	31.6	32.7	33.0
4H	31.6	32.5	32.0	32.9	33.3	31.4	32.4	31.9	32.8	33.1
6H	31.6	32.5	32.0	32.8	33.2	31.5	32.4	32.0	32.8	33.2
8H	31.6	32.4	32.0	32.8	33.2	31.6	32.3	32.0	32.7	33.2
12H	31.6	32.3	32.0	32.7	33.2	31.6	32.3	32.0	32.7	33.1
8H 4H	31.6	32.3	32.0	32.7	33.2	31.4	32.2	31.9	32.6	33.1
6H	31.7	32.3	32.1	32.7	33.2	31.6	32.2	32.1	32.7	33.2
8H	31.7	32.2	32.2	32.7	33.2	31.7	32.2	32.1	32.7	33.2
12H	31.7	32.2	32.2	32.6	33.2	31.7	32.2	32.2	32.7	33.2
12H 4H	31.5	32.2	32.0	32.7	33.1	31.4	32.1	31.9	32.5	33.0
6H	31.6	32.2	32.1	32.7	33.2	31.6	32.2	32.1	32.6	33.1
8H	31.7	32.2	32.2	32.6	33.2	31.6	32.1	32.2	32.6	33.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				
1.5H	+ 0.4 / - 0.6					+ 0.3 / - 0.6				
2.0H	+ 0.9 / - 1.3					+ 1.0 / - 1.2				

CIE Pub.117, 18429 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.1)
Area: 0.0314 m2

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

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

UTILIZATION FACTORS TABLE

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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:

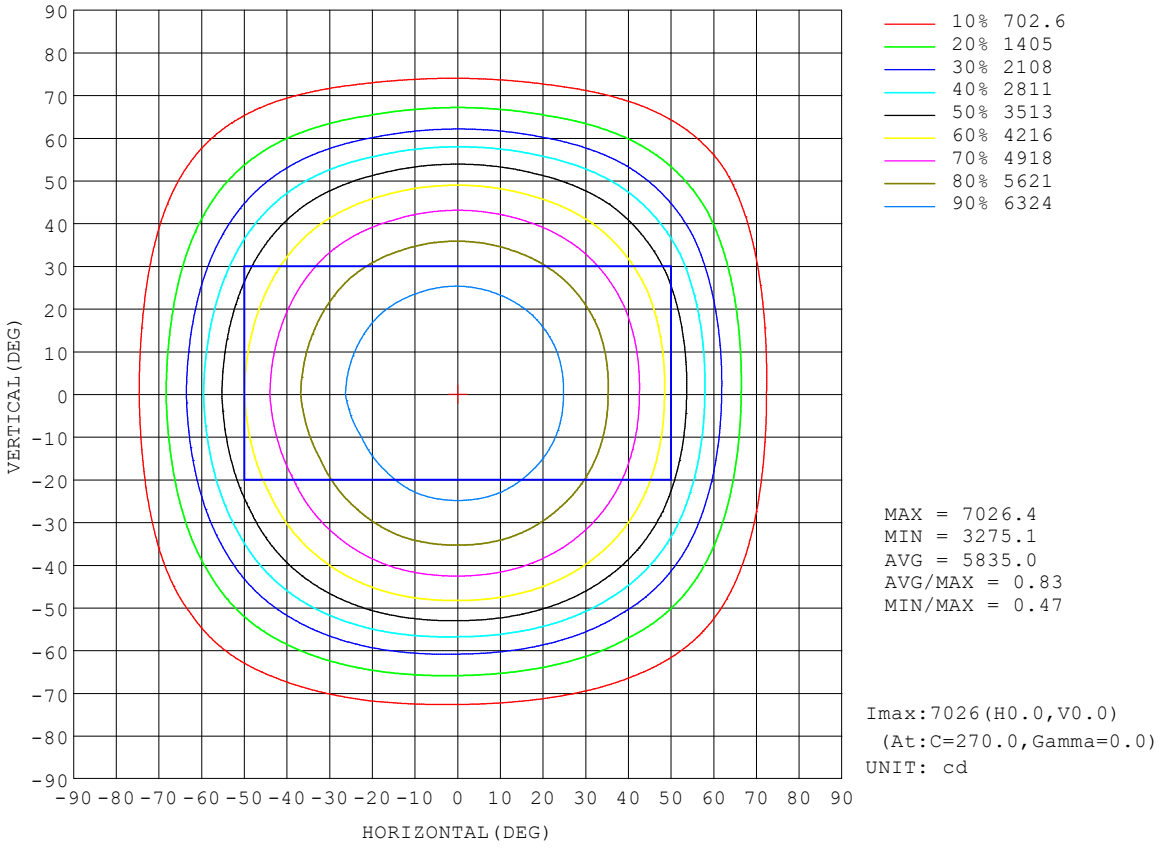
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	42	59	48	42	57	47	41	35
0.80	70	59	52	69	58	52	67	58	51	45
1.00	79	68	62	77	68	61	75	69	61	54
1.25	86	76	70	84	75	69	82	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:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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:



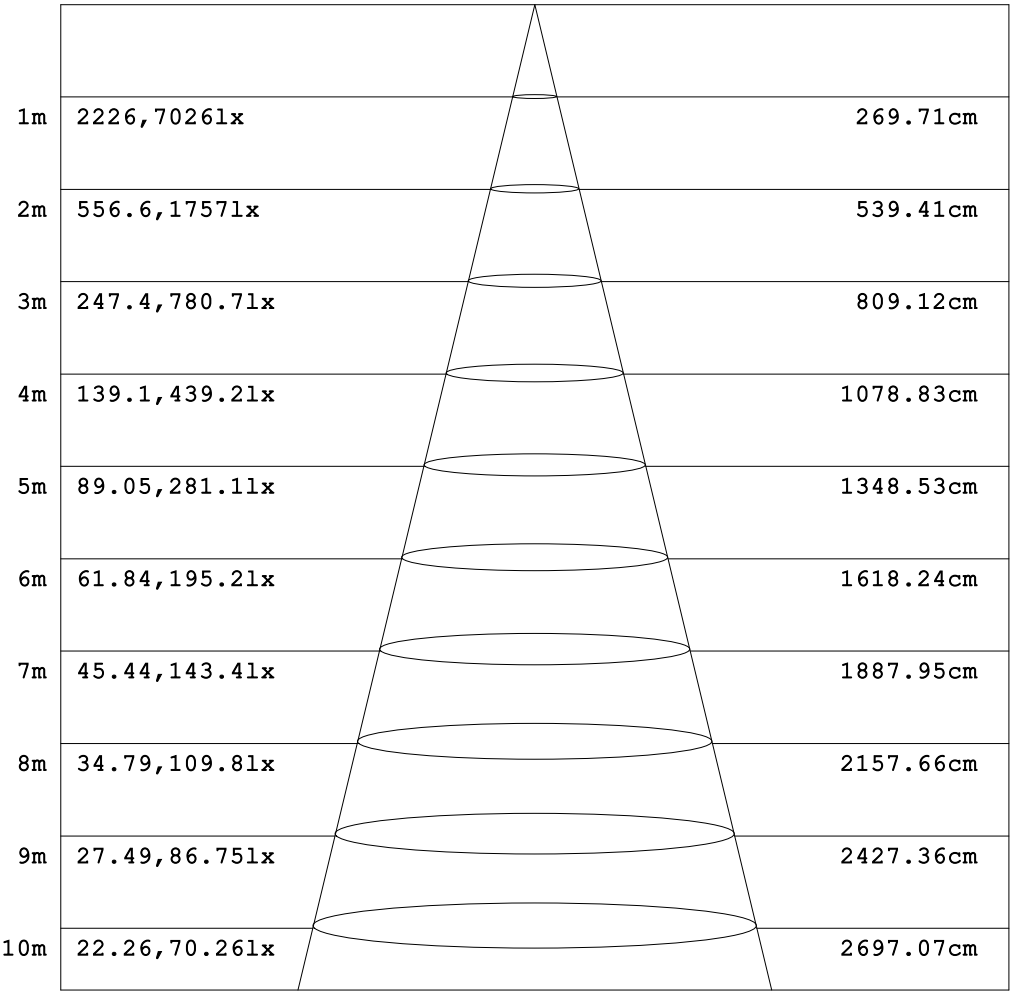
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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:14266 lm



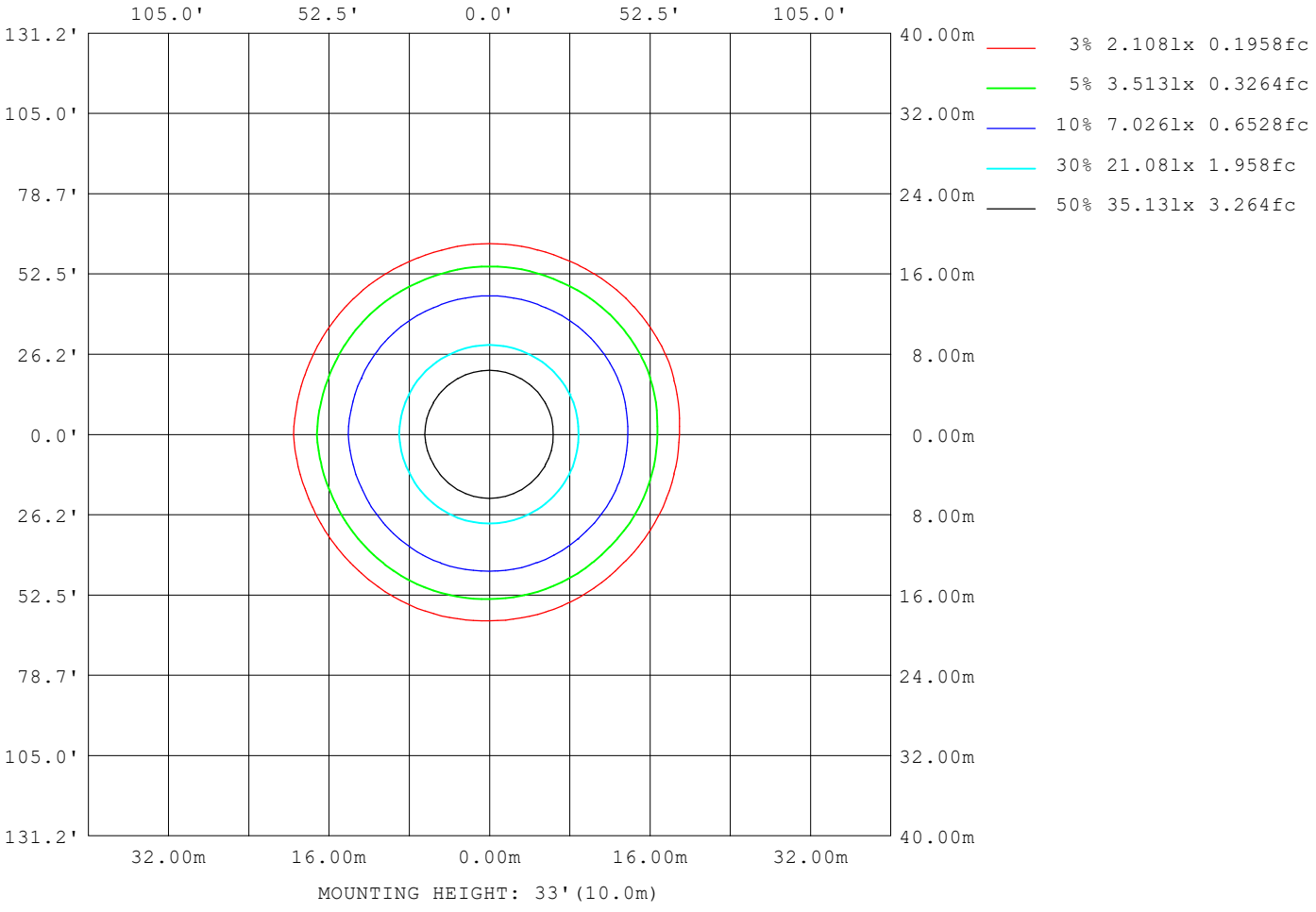
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

ISOLUX DIAGRAM

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:



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

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

LED Avg.L Report

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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:

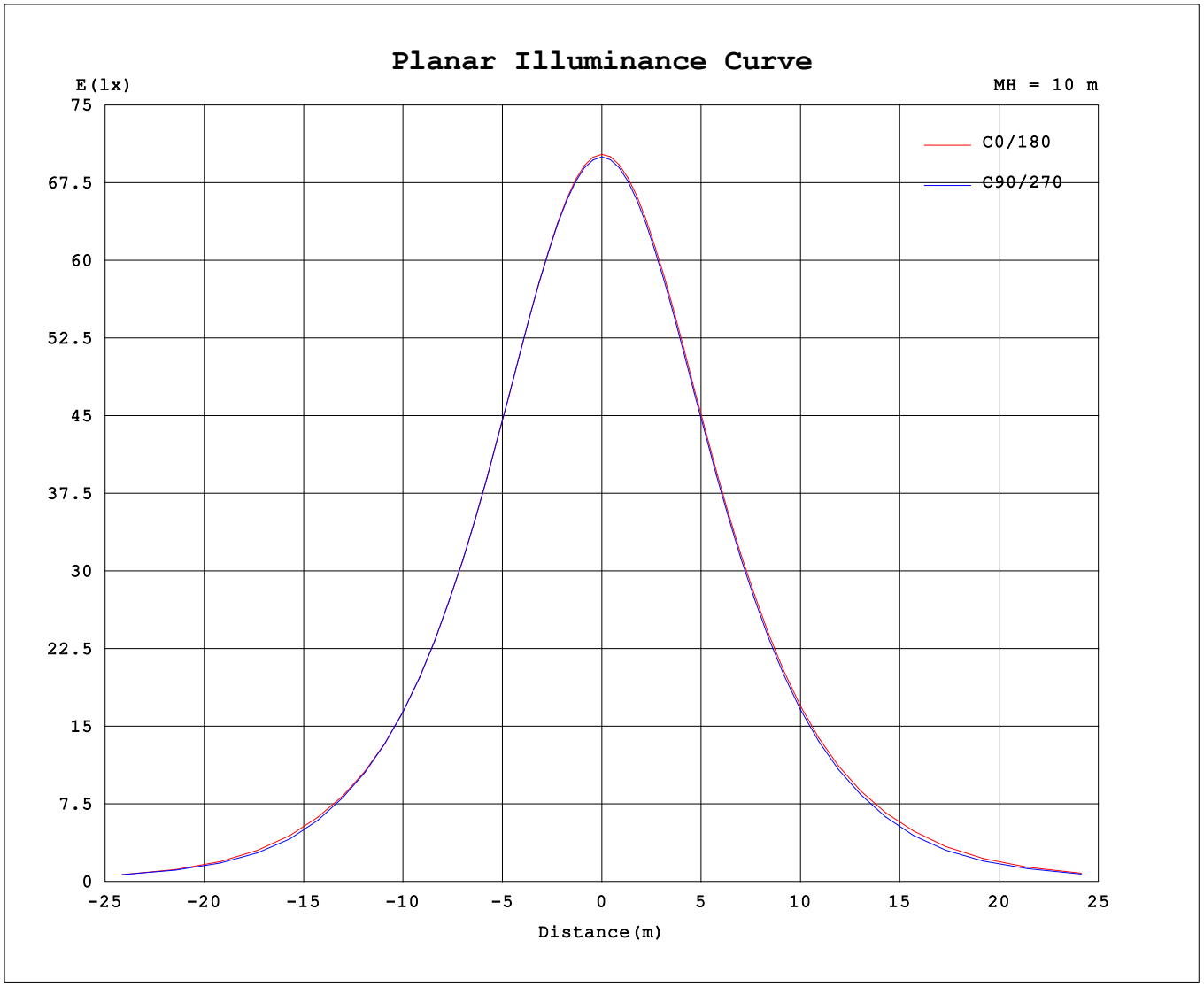
AvgL	cd/m2
L_0~180(65)av	130262
L_0~180(75)av	70923
L_0~180(85)av	39767
L_90~270(65)av	120176
L_90~270(75)av	70437
L_90~270(85)av	48174
L_45(65)av	122606
L_45(75)av	70247
L_45(85)av	44543

Standard: GB/T 29293-2012

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

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

Planar Illuminance Curve



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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.90V I:0.9950A P:118.55W PF:0.9937 Freq:60.01Hz UTHDi:0.68% ITHDi:4.84% KDisp:0.0000 Lamp Flux:18429.1x1 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	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003			
5	6971	6974	6975	6976	6976	6976	6972	6972	6982	6985	6984	6979	6979	6977	6980	6982			
10	6881	6888	6892	6894	6892	6893	6885	6888	6913	6908	6912	6901	6901	6898	6901	6906			
15	6737	6747	6748	6755	6755	6760	6748	6752	6790	6780	6782	6767	6768	6767	6772	6774			
20	6544	6552	6555	6565	6565	6572	6558	6557	6613	6600	6597	6583	6586	6579	6587	6590			
25	6293	6306	6305	6321	6320	6333	6310	6317	6374	6363	6361	6343	6344	6342	6351	6352			
30	5987	6001	5999	6022	6018	6030	6008	6018	6089	6075	6078	6050	6052	6046	6062	6065			
35	5623	5637	5628	5657	5651	5674	5649	5657	5744	5724	5731	5697	5695	5692	5711	5720			
40	5175	5194	5183	5198	5194	5221	5202	5206	5320	5294	5288	5244	5248	5249	5281	5279			
45	4625	4645	4627	4642	4639	4668	4649	4664	4790	4763	4748	4694	4706	4702	4740	4747			
50	4011	4025	3982	3994	3987	4035	4030	4067	4200	4161	4146	4085	4085	4078	4136	4147			
55	3297	3289	3183	3165	3156	3255	3308	3375	3539	3471	3433	3332	3335	3343	3449	3470			
60	2428	2345	2219	2231	2241	2337	2406	2514	2724	2600	2540	2439	2450	2460	2584	2624			
65	1588	1522	1445	1483	1506	1571	1591	1679	1869	1783	1731	1665	1683	1671	1741	1763			
70	936	917	886	915	941	977	973	1029	1182	1156	1102	1059	1073	1051	1075	1087			
75	488	495	495	516	524	546	538	556	665	654	650	624	621	597	600	593			
80	217	228	240	272	257	282	255	277	325	332	340	322	317	298	311	275			
85	84.0	88.8	95.4	106	113	111	105	105	134	146	160	154	151	139	127	120			
90	41.5	41.3	41.1	40.7	40.7	40.7	41.1	41.2	42.1	42.4	42.9	42.0	41.8	41.7	41.6	41.5			
95	44.4	44.2	43.9	43.6	43.5	43.6	43.8	44.0	43.6	43.6	43.6	43.7	43.7	43.9	43.9	44.0			
100	47.8	47.6	47.3	46.9	46.8	46.9	47.2	47.4	46.5	46.5	46.5	46.6	46.7	46.9	46.9	46.9			
105	51.5	51.2	50.9	50.5	50.4	50.4	50.7	51.0	49.8	49.8	49.7	49.8	49.9	50.1	50.1	50.2			
110	55.2	54.9	54.6	54.2	54.2	54.1	54.4	54.7	53.1	53.1	53.1	53.2	53.4	53.5	53.4	53.5			
115	58.8	58.5	58.2	57.8	57.9	57.6	57.9	58.3	56.4	56.5	56.4	56.5	56.8	56.8	56.8	56.8			
120	62.2	61.9	61.6	61.3	61.4	61.0	61.2	61.6	59.6	59.7	59.7	59.8	60.3	60.1	60.0	59.9			
125	65.2	65.0	64.7	64.5	64.7	64.3	64.2	64.6	62.7	62.9	62.8	63.1	63.6	63.3	63.0	63.0			
130	67.9	67.8	67.6	67.6	67.7	67.3	67.0	67.2	65.7	65.8	65.8	66.4	66.9	66.7	66.2	66.0			
135	70.3	70.6	70.5	70.6	70.7	70.1	69.7	69.6	68.7	68.8	68.9	69.6	70.2	70.0	69.4	69.0			
140	72.8	73.3	73.3	73.4	73.4	72.8	72.3	72.1	71.7	71.7	71.9	72.7	73.4	73.2	72.6	72.2			
145	75.6	76.1	76.3	76.3	76.3	75.5	75.0	74.8	75.1	74.7	75.0	75.8	76.5	76.5	76.0	75.5			
150	78.9	79.4	79.5	79.4	79.4	78.6	78.2	77.9	78.8	78.2	78.4	79.0	79.8	79.9	79.5	79.1			
155	82.7	83.1	83.0	83.0	82.9	82.2	81.8	81.5	82.9	82.1	82.1	82.7	83.4	83.6	83.4	83.2			
160	86.8	87.0	86.9	86.9	86.7	86.1	85.8	85.5	87.3	86.2	86.2	86.5	87.1	87.4	87.4	87.4			
165	90.9	91.0	90.6	90.5	90.3	89.9	89.7	89.5	91.5	90.1	90.0	90.3	90.7	91.0	91.2	91.4			
170	94.7	94.3	93.8	93.7	93.4	93.1	93.0	93.1	95.3	93.6	93.5	93.4	93.6	93.9	94.2	94.7			
175	97.5	96.6	96.0	95.9	95.5	95.5	95.5	95.9	97.9	96.2	96.1	95.7	95.7	95.9	96.2	96.7			
180	98.9	97.4	97.0	96.9	96.7	96.8	97.0	97.4	99.0	97.3	97.1	96.8	96.8	96.8	97.0	97.4			

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	7003	7003	7003	7003	7003	7003	7003	7003	7003	7003
2.5	6994	6994	6996	6995	6995	6996	6995	6994	7001	7002
5.0	6971	6974	6975	6976	6976	6976	6972	6972	6982	6985
7.5	6935	6937	6941	6941	6939	6941	6936	6938	6953	6952
10.0	6881	6888	6892	6894	6892	6893	6885	6888	6913	6908
12.5	6817	6827	6827	6831	6829	6834	6826	6827	6859	6850
15.0	6737	6747	6748	6755	6755	6760	6748	6752	6790	6780
17.5	6648	6658	6659	6662	6665	6672	6661	6663	6709	6699
20.0	6544	6552	6555	6565	6565	6572	6558	6557	6613	6600
22.5	6423	6436	6436	6450	6448	6457	6438	6446	6504	6486
25.0	6293	6306	6305	6321	6320	6333	6310	6317	6374	6363
27.5	6147	6161	6158	6179	6177	6186	6165	6173	6236	6226
30.0	5987	6001	5999	6022	6018	6030	6008	6018	6089	6075
32.5	5813	5824	5822	5851	5845	5862	5839	5843	5924	5905
35.0	5623	5637	5628	5657	5651	5674	5649	5657	5744	5724
37.5	5417	5430	5418	5440	5443	5462	5441	5446	5545	5522
40.0	5175	5194	5183	5198	5194	5221	5202	5206	5320	5294
42.5	4911	4930	4919	4933	4929	4957	4936	4948	5069	5038
45.0	4625	4645	4627	4642	4639	4668	4649	4664	4790	4763
47.5	4322	4338	4321	4332	4327	4363	4351	4372	4495	4469
50.0	4011	4025	3982	3994	3987	4035	4030	4067	4200	4161
52.5	3672	3676	3612	3613	3605	3671	3688	3733	3882	3830
55.0	3297	3289	3183	3165	3156	3255	3308	3375	3539	3471
57.5	2874	2827	2689	2672	2673	2788	2864	2944	3158	3054
60.0	2428	2345	2219	2231	2241	2337	2406	2514	2724	2600
62.5	1986	1904	1804	1834	1850	1929	1970	2074	2276	2171
65.0	1588	1522	1445	1483	1506	1571	1591	1679	1869	1783
67.5	1262	1194	1165	1175	1223	1251	1282	1330	1506	1437
70.0	936.2	917.0	886.5	915.4	940.7	976.8	973.4	1029	1182	1156
72.5	686.9	684.1	673.3	697.1	714.7	742.1	733.4	768.6	902.5	874.2
75.0	487.9	495.5	495.2	516.5	524.2	546.1	537.6	556.3	664.8	654.3
77.5	333.6	344.1	349.8	368.4	371.2	386.5	379.6	388.3	474.1	474.7
80.0	217.4	228.5	239.6	272.1	257.4	282.4	255.1	276.8	325.4	331.5
82.5	141.1	151.9	163.6	175.8	178.3	178.5	167.6	165.4	211.2	219.8
85.0	84.04	88.77	95.43	106.0	112.8	111.2	105.5	105.1	133.6	145.8
87.5	43.28	43.05	42.90	46.45	47.45	53.92	52.95	56.89	80.38	86.25
90.0	41.55	41.25	41.09	40.68	40.71	40.68	41.07	41.19	42.10	42.37
92.5	42.88	42.66	42.43	42.07	42.02	42.04	42.34	42.53	42.26	42.34
95.0	44.42	44.20	43.93	43.58	43.49	43.56	43.80	44.04	43.59	43.65
97.5	46.08	45.85	45.57	45.22	45.13	45.16	45.43	45.67	45.04	45.06
100.0	47.83	47.59	47.30	46.93	46.84	46.86	47.15	47.40	46.55	46.55
102.5	49.65	49.38	49.11	48.71	48.63	48.62	48.93	49.18	48.13	48.12
105.0	51.52	51.23	50.93	50.51	50.44	50.44	50.74	51.01	49.76	49.77
107.5	53.36	53.08	52.79	52.36	52.33	52.27	52.58	52.85	51.44	51.44
110.0	55.21	54.92	54.62	54.18	54.17	54.07	54.40	54.70	53.12	53.13
112.5	57.04	56.78	56.45	56.00	56.05	55.89	56.20	56.52	54.79	54.79
115.0	58.82	58.55	58.22	57.76	57.88	57.64	57.93	58.29	56.43	56.48
117.5	60.54	60.30	59.94	59.54	59.70	59.38	59.62	59.99	58.04	58.08
120.0	62.15	61.94	61.59	61.25	61.42	61.04	61.23	61.63	59.64	59.71
122.5	63.71	63.52	63.17	62.90	63.06	62.67	62.75	63.15	61.20	61.29
125.0	65.18	65.03	64.68	64.54	64.67	64.28	64.22	64.58	62.74	62.86
127.5	66.59	66.45	66.15	66.08	66.22	65.82	65.63	65.93	64.26	64.36
130.0	67.90	67.84	67.59	67.62	67.74	67.29	67.02	67.21	65.75	65.84
132.5	69.14	69.19	69.04	69.09	69.22	68.73	68.32	68.43	67.20	67.31
135.0	70.33	70.56	70.49	70.56	70.68	70.10	69.68	69.65	68.66	68.76
137.5	71.53	71.90	71.89	71.99	72.04	71.46	70.95	70.85	70.15	70.21
140.0	72.82	73.27	73.35	73.43	73.43	72.81	72.25	72.09	71.74	71.66
142.5	74.18	74.64	74.82	74.85	74.83	74.18	73.59	73.40	73.40	73.18
145.0	75.63	76.12	76.33	76.34	76.28	75.54	75.03	74.79	75.10	74.74
147.5	77.23	77.69	77.88	77.83	77.79	77.04	76.56	76.29	76.93	76.43
150.0	78.92	79.42	79.49	79.42	79.36	78.64	78.15	77.91	78.82	78.22
152.5	80.77	81.24	81.22	81.16	81.11	80.37	79.91	79.69	80.84	80.15
155.0	82.70	83.12	83.04	83.04	82.93	82.23	81.80	81.51	82.95	82.13
157.5	84.69	85.00	84.98	84.95	84.83	84.15	83.76	83.47	85.11	84.14
160.0	86.78	87.01	86.91	86.88	86.66	86.10	85.76	85.49	87.30	86.18
162.5	88.91	89.05	88.83	88.81	88.52	88.07	87.79	87.58	89.43	88.20
165.0	90.94	90.99	90.65	90.54	90.27	89.94	89.74	89.54	91.54	90.15
167.5	92.88	92.75	92.30	92.17	91.88	91.67	91.47	91.34	93.47	91.92
170.0	94.65	94.30	93.83	93.69	93.37	93.14	93.03	93.05	95.26	93.60
172.5	96.21	95.69	95.04	94.93	94.49	94.35	94.41	94.63	96.83	95.13
175.0	97.53	96.63	96.02	95.87	95.47	95.47	95.49	95.91	97.85	96.19
177.5	98.43	97.28	96.80	96.58	96.26	96.40	96.46	96.91	98.69	96.95
180.0	98.88	97.45	97.04	96.88	96.74	96.85	96.95	97.39	98.97	97.34

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	7003	7003	7003	7003	7003	7003
2.5	7000	6997	6996	7000	6998	6997
5.0	6984	6979	6979	6977	6980	6982
7.5	6953	6947	6945	6941	6946	6949
10.0	6912	6901	6901	6898	6901	6906
12.5	6853	6841	6843	6837	6843	6847
15.0	6782	6767	6768	6767	6772	6774
17.5	6696	6680	6682	6680	6683	6688
20.0	6597	6583	6586	6579	6587	6590
22.5	6486	6470	6473	6469	6477	6477
25.0	6361	6343	6344	6342	6351	6352
27.5	6225	6203	6203	6200	6217	6212
30.0	6078	6050	6052	6046	6062	6065
32.5	5914	5885	5886	5878	5894	5900
35.0	5731	5697	5695	5692	5711	5720
37.5	5521	5483	5485	5484	5509	5510
40.0	5288	5244	5248	5249	5281	5279
42.5	5030	4976	4987	4988	5019	5022
45.0	4748	4694	4706	4702	4740	4747
47.5	4453	4397	4405	4396	4444	4454
50.0	4146	4085	4085	4078	4136	4147
52.5	3805	3735	3738	3731	3808	3821
55.0	3433	3332	3335	3343	3449	3470
57.5	2986	2877	2892	2905	3017	3074
60.0	2540	2439	2450	2460	2584	2624
62.5	2113	2033	2049	2047	2141	2173
65.0	1731	1665	1683	1671	1741	1763
67.5	1395	1338	1362	1340	1386	1401
70.0	1102	1059	1073	1051	1075	1087
72.5	856.6	822.7	829.1	804.1	815.3	818.6
75.0	650.4	623.5	620.6	597.5	600.4	592.9
77.5	480.7	455.2	450.6	428.5	429.2	414.0
80.0	339.7	322.4	317.3	297.9	311.0	275.1
82.5	233.2	224.9	220.7	203.3	193.0	176.4
85.0	160.0	154.1	150.8	138.7	126.7	119.7
87.5	94.34	86.85	84.22	74.20	71.92	63.21
90.0	42.89	42.02	41.76	41.72	41.61	41.51
92.5	42.25	42.38	42.36	42.55	42.53	42.62
95.0	43.58	43.69	43.72	43.88	43.89	43.96
97.5	45.01	45.10	45.17	45.32	45.36	45.39
100.0	46.52	46.60	46.70	46.85	46.88	46.91
102.5	48.10	48.19	48.29	48.45	48.47	48.50
105.0	49.71	49.83	49.93	50.10	50.11	50.16
107.5	51.38	51.50	51.65	51.79	51.79	51.81
110.0	53.06	53.19	53.36	53.46	53.45	53.47
112.5	54.74	54.85	55.08	55.14	55.12	55.13
115.0	56.39	56.50	56.81	56.81	56.77	56.76
117.5	58.00	58.14	58.55	58.40	58.36	58.32
120.0	59.66	59.81	60.27	60.05	59.96	59.89
122.5	61.25	61.47	61.94	61.70	61.50	61.44
125.0	62.79	63.13	63.61	63.35	63.05	62.96
127.5	64.32	64.75	65.28	65.00	64.62	64.46
130.0	65.83	66.40	66.92	66.66	66.19	65.99
132.5	67.35	68.04	68.57	68.34	67.78	67.53
135.0	68.88	69.61	70.20	69.97	69.40	69.05
137.5	70.40	71.17	71.79	71.62	71.03	70.61
140.0	71.90	72.73	73.36	73.24	72.64	72.22
142.5	73.45	74.25	74.91	74.88	74.28	73.82
145.0	75.04	75.81	76.48	76.48	75.96	75.52
147.5	76.69	77.41	78.09	78.15	77.72	77.26
150.0	78.43	79.04	79.79	79.89	79.53	79.11
152.5	80.21	80.81	81.57	81.74	81.43	81.10
155.0	82.11	82.66	83.36	83.63	83.38	83.18
157.5	84.11	84.60	85.22	85.53	85.36	85.29
160.0	86.17	86.53	87.10	87.40	87.42	87.38
162.5	88.12	88.44	88.92	89.26	89.36	89.44
165.0	90.04	90.27	90.66	90.97	91.19	91.41
167.5	91.81	91.94	92.26	92.53	92.86	93.20
170.0	93.45	93.36	93.60	93.90	94.18	94.67
172.5	94.89	94.65	94.75	95.07	95.31	95.84
175.0	96.07	95.70	95.70	95.92	96.24	96.68
177.5	96.87	96.43	96.50	96.51	96.85	97.23
180.0	97.13	96.79	96.76	96.78	97.00	97.37

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: