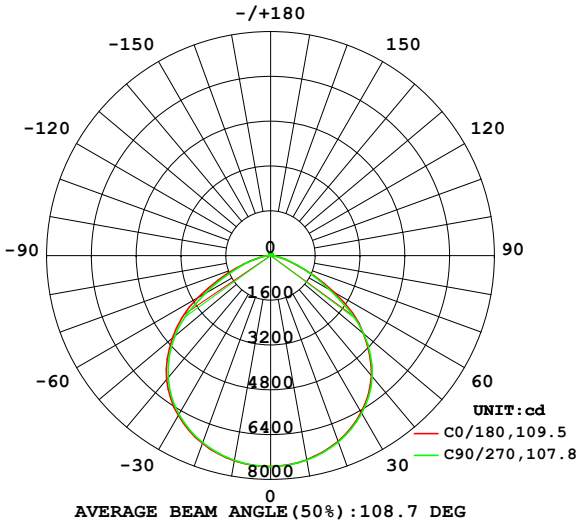
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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:

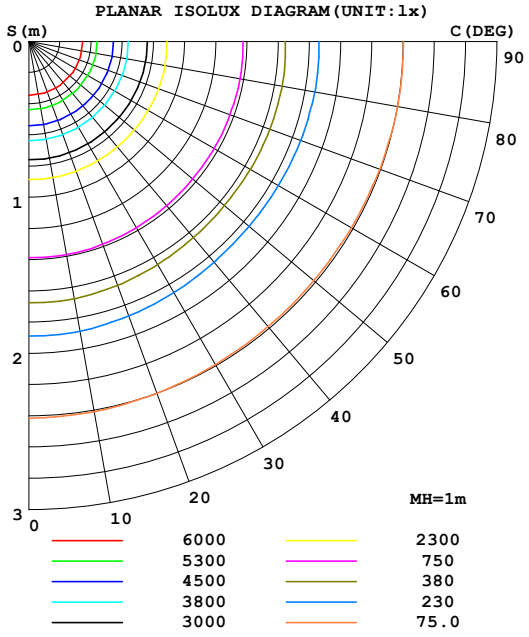
DATA OF LAMP		PHOTOMETRIC DATA Eff: 173.46 lm/W			
MODEL		Imax(cd)	7533	S/MH(C0/180)	1.30
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	20009	η UP,DN(C0-180)	1.1,48.0
NOMINAL FLUX(lm)	20008.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.9
LAMPS INSIDE	1	η up(%)	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%):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	7405	7414	7420	7419	7445	7438	7428	7431	0- 10	714.0	714.0	3.57,3.57
20	7059	7065	7085	7082	7138	7122	7104	7106	10- 20	2058	2772	13.9,13.9
30	6467	6478	6510	6512	6596	6581	6550	6553	20- 30	3154	5926	29.6,29.6
40	5604	5605	5642	5656	5785	5752	5704	5723	30- 40	3845	9771	48.8,48.8
50	4339	4318	4349	4409	4592	4537	4472	4499	40- 50	3927	13698	68.5,68.5
60	2626	2400	2447	2647	2984	2792	2690	2814	50- 60	3221	16919	84.6,84.6
70	1008	959.2	1026	1071	1308	1214	1180	1178	60- 70	1812	18731	93.6,93.6
80	233.5	257.2	277.9	280.2	363.6	375.5	348.7	321.1	70- 80	695.3	19427	97.1,97.1
90	45.21	44.64	44.21	44.55	46.14	47.13	45.34	45.19	80- 90	160.0	19587	97.9,97.9
100	52.05	51.41	50.85	51.13	50.39	50.40	50.69	50.93	90-100	52.05	19639	98.2,98.2
110	60.02	59.28	58.76	58.94	57.46	57.43	57.87	58.04	100-110	57.82	19697	98.4,98.4
120	67.47	66.76	66.55	66.31	64.46	64.52	65.29	64.98	110-120	61.64	19758	98.7,98.7
130	73.58	73.18	73.34	72.49	71.01	71.12	72.42	71.65	120-130	61.93	19820	99.1,99.1
140	78.82	79.35	79.44	78.14	77.46	77.68	79.30	78.57	130-140	58.38	19878	99.3,99.3
150	85.40	85.95	85.89	84.53	85.08	84.70	86.29	86.05	140-150	51.37	19930	99.6,99.6
160	93.91	94.04	93.79	92.78	94.31	93.12	94.19	94.57	150-160	41.32	19971	99.8,99.8
170	102.4	101.5	101.1	100.6	103.0	101.0	101.3	101.9	160-170	27.61	19999	100,100
180	106.9	104.9	104.6	104.9	107.0	105.0	104.7	105.0	170-180	9.851	20009	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11769 lm

%lum = 58.8%
%lamp = 58.8%

Conical surface Flux(130deg): 17999 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

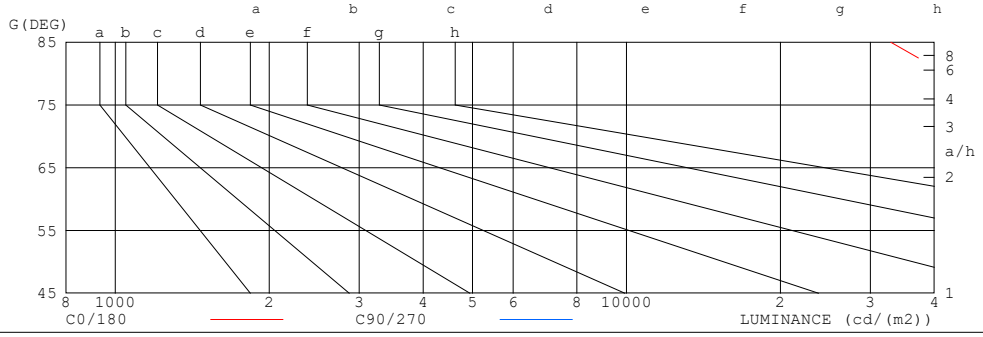
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz **UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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	32892	44493
80	42973	50926
75	64815	70039
70	94212	95449
65	129861	123943
60	167811	155758
55	199017	191092
50	215693	215344
45	226370	227437

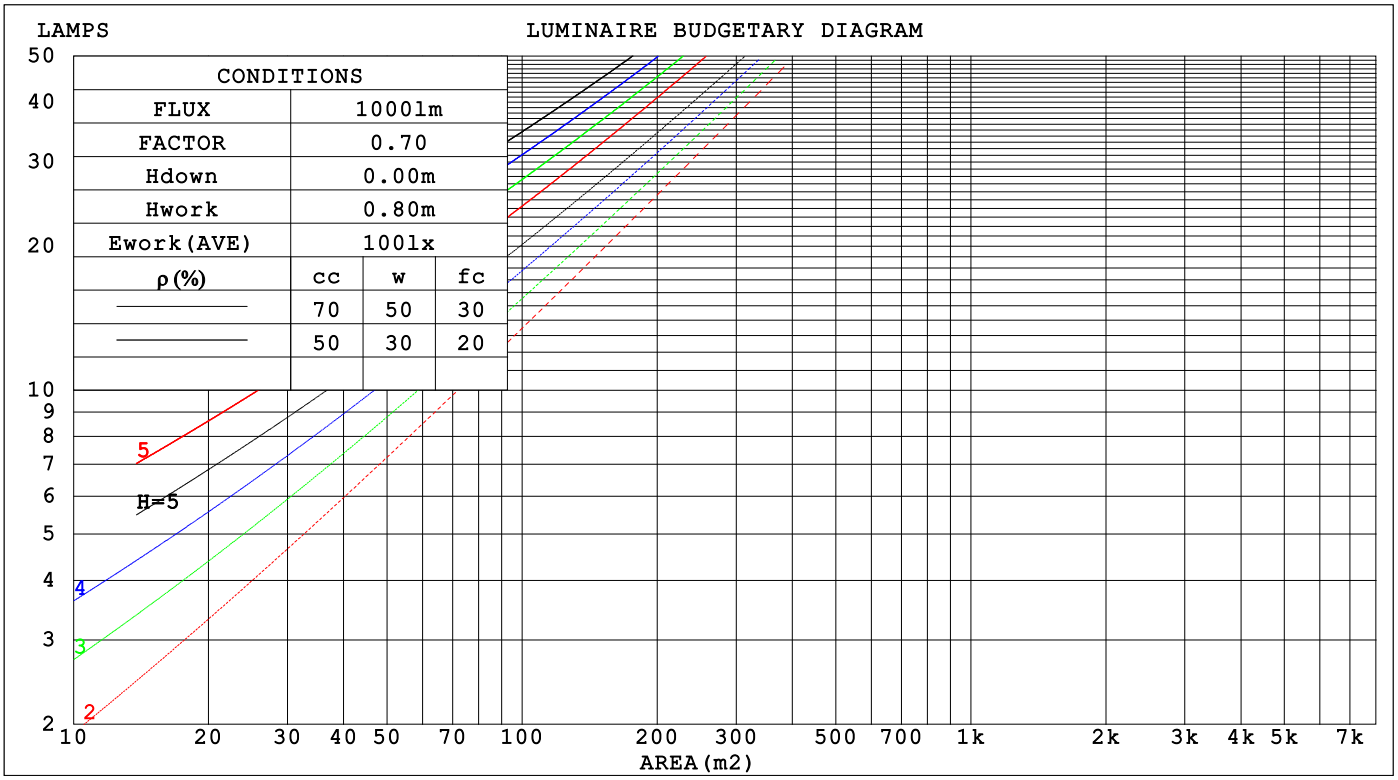
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

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:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.90	.88	.87	.85
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.83	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.71	.66	.74	.69	.65	.72	.67	.64	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.66	.57	.51	.64	.56	.50	.62	.55	.50	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



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:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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	.141	.044	.244	.136	.042	.233	.131	.041	.222	.126	.040	
3.0	.248	.132	.040	.242	.130	.039	.231	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.232	.121	.036	.227	.119	.035	.217	.115	.034	.208	.112	.034	.200	.108	.033	
5.0	.217	.111	.032	.213	.109	.032	.204	.106	.031	.196	.103	.031	.188	.100	.030	
6.0	.203	.102	.029	.199	.101	.029	.191	.098	.028	.184	.095	.028	.177	.093	.028	
7.0	.190	.094	.027	.187	.093	.026	.180	.091	.026	.173	.089	.026	.167	.087	.025	
8.0	.179	.087	.025	.175	.086	.024	.169	.084	.024	.163	.083	.024	.157	.081	.024	
9.0	.168	.081	.023	.165	.081	.023	.159	.079	.022	.154	.077	.022	.149	.076	.022	
10.0	.159	.076	.021	.156	.075	.021	.151	.074	.021	.146	.072	.021	.141	.071	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.207	.207	.207	.177	.177	.177	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.194	.173	.153	.166	.148	.132	.114	.102	.091	.065	.059	.053	.021	.019	.017	
2.0	.185	.148	.118	.158	.128	.102	.108	.088	.071	.063	.051	.042	.020	.017	.014	
3.0	.177	.131	.094	.152	.113	.081	.104	.078	.057	.060	.046	.034	.019	.015	.011	
4.0	.169	.117	.077	.145	.101	.067	.100	.071	.047	.058	.041	.028	.019	.013	.009	
5.0	.162	.107	.066	.139	.092	.057	.096	.064	.040	.056	.038	.024	.018	.012	.008	
6.0	.155	.098	.057	.133	.085	.050	.092	.060	.035	.053	.035	.021	.017	.011	.007	
7.0	.149	.091	.051	.128	.079	.044	.088	.055	.031	.051	.033	.019	.017	.011	.006	
8.0	.143	.086	.046	.123	.074	.040	.085	.052	.029	.049	.031	.017	.016	.010	.006	
9.0	.137	.081	.043	.118	.070	.037	.082	.049	.026	.048	.029	.016	.015	.010	.005	
10.0	.132	.076	.040	.113	.066	.035	.079	.047	.025	.046	.028	.015	.015	.009	.005	

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

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

UGR(Unified Glare Rating) Table

Test:U:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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	30.8	32.2	31.1	32.4	32.7	30.6	32.0	30.9	32.3	32.5
3H	31.3	32.6	31.6	32.9	33.2	31.2	32.5	31.5	32.7	33.0
4H	31.4	32.6	31.8	32.9	33.2	31.3	32.5	31.6	32.8	33.1
6H	31.4	32.6	31.8	32.9	33.2	31.3	32.5	31.7	32.8	33.1
8H	31.4	32.5	31.7	32.8	33.1	31.3	32.4	31.7	32.7	33.1
12H	31.3	32.4	31.7	32.7	33.1	31.3	32.4	31.7	32.7	33.0
4H 2H	31.0	32.2	31.4	32.5	32.8	30.9	32.1	31.2	32.4	32.7
3H	31.7	32.7	32.0	33.1	33.4	31.6	32.6	31.9	32.9	33.3
4H	31.8	32.8	32.2	33.1	33.5	31.7	32.7	32.1	33.1	33.4
6H	31.9	32.7	32.3	33.1	33.5	31.8	32.7	32.3	33.1	33.5
8H	31.9	32.6	32.3	33.0	33.5	31.8	32.6	32.3	33.0	33.5
12H	31.8	32.6	32.3	33.0	33.4	31.8	32.6	32.3	33.0	33.4
8H 4H	31.8	32.6	32.2	33.0	33.4	31.7	32.5	32.2	32.9	33.3
6H	31.9	32.6	32.4	33.0	33.5	31.9	32.5	32.4	33.0	33.4
8H	31.9	32.5	32.4	33.0	33.5	31.9	32.5	32.4	33.0	33.5
12H	31.9	32.4	32.4	32.9	33.4	32.0	32.4	32.5	32.9	33.5
12H 4H	31.8	32.5	32.2	32.9	33.4	31.7	32.4	32.2	32.8	33.3
6H	31.9	32.5	32.4	32.9	33.4	31.9	32.4	32.4	32.9	33.4
8H	31.9	32.4	32.4	32.9	33.4	31.9	32.4	32.4	32.9	33.4
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 / - 0.7					+ 0.3 / - 0.6				
2.0H	+ 0.9 / - 1.3					+ 1.0 / - 1.2				

CIE Pub.117, 20009 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.4)
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:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

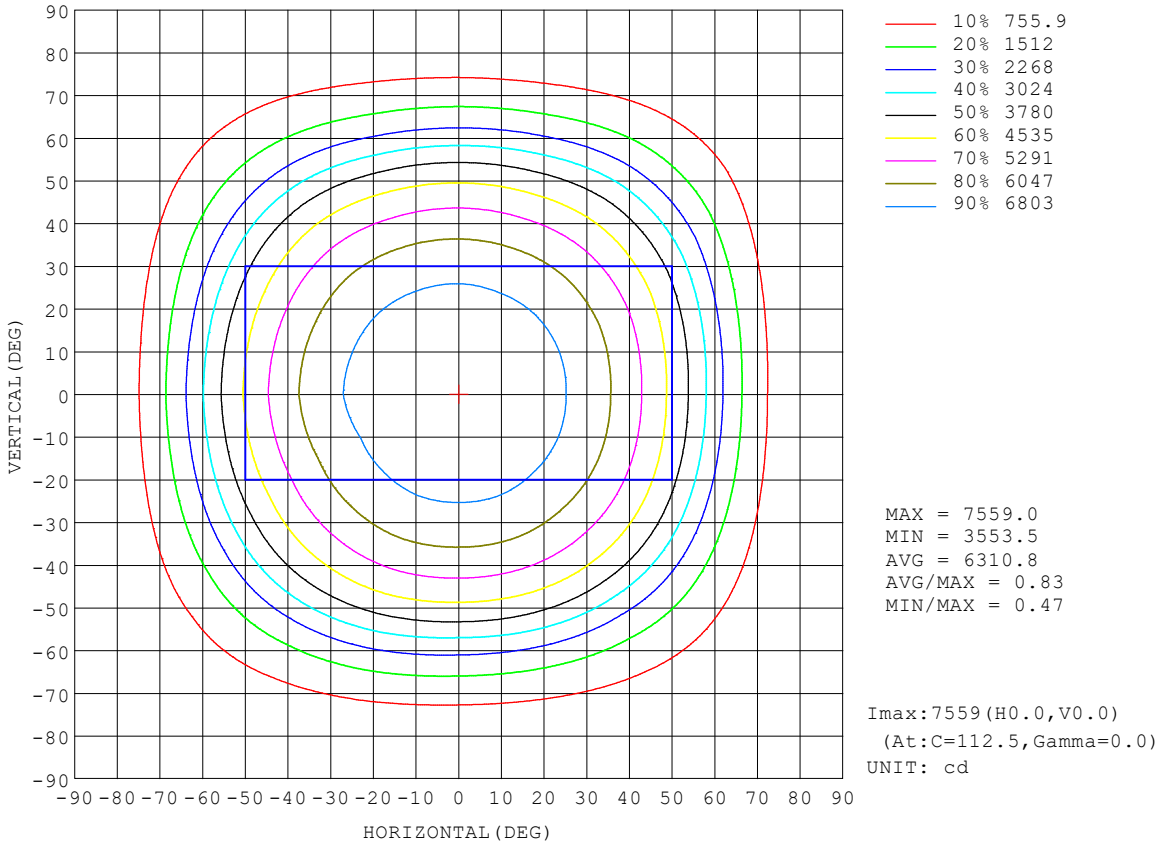
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	57	51	44
1.00	79	68	61	77	68	61	75	69	60	54
1.25	86	76	69	84	75	69	81	74	68	61
1.50	91	82	75	89	81	75	86	79	73	66
2.00	97	89	84	95	88	83	92	86	81	73
2.50	101	94	88	98	92	87	94	89	85	77
3.00	104	98	93	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	100	97	93	84
5.00	109	105	101	107	103	100	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

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

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

ISOCANDELA DIAGRAM

Test:U:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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:



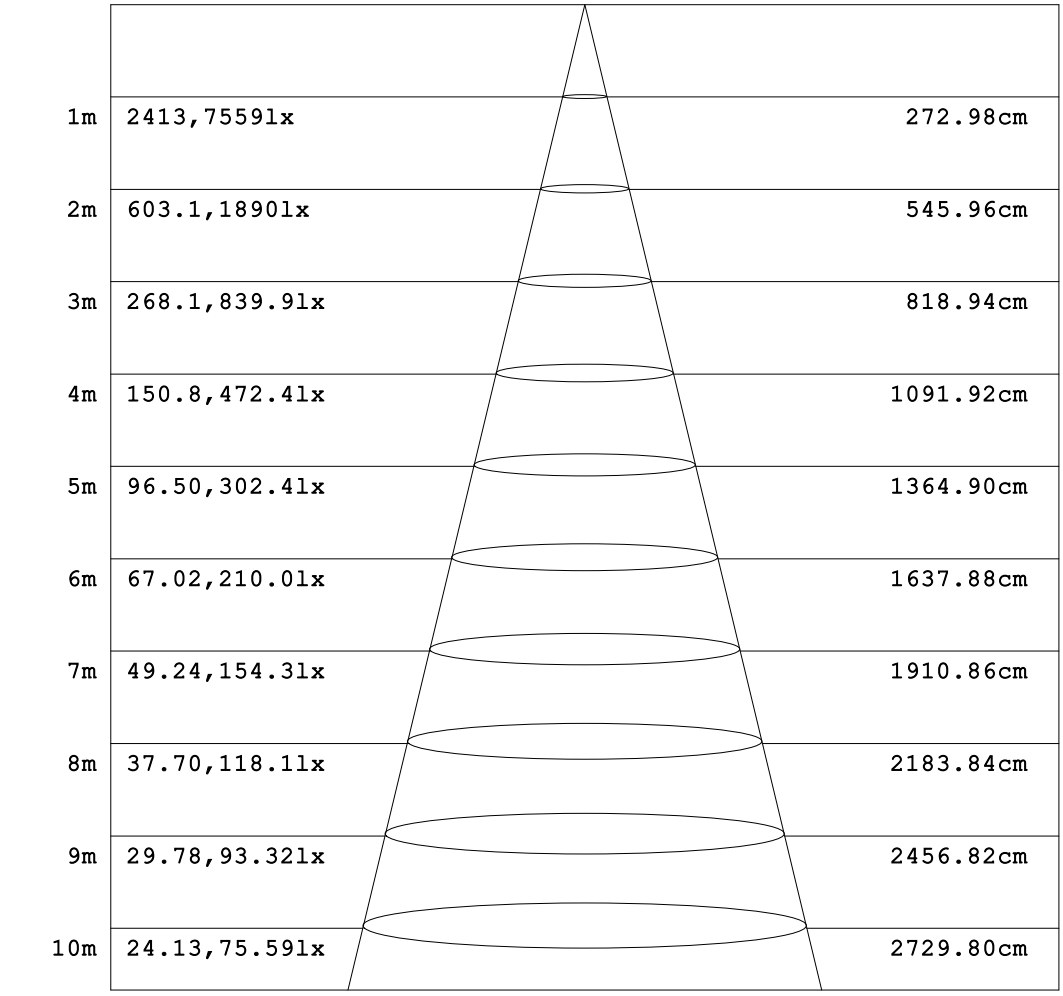
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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:15459 lm



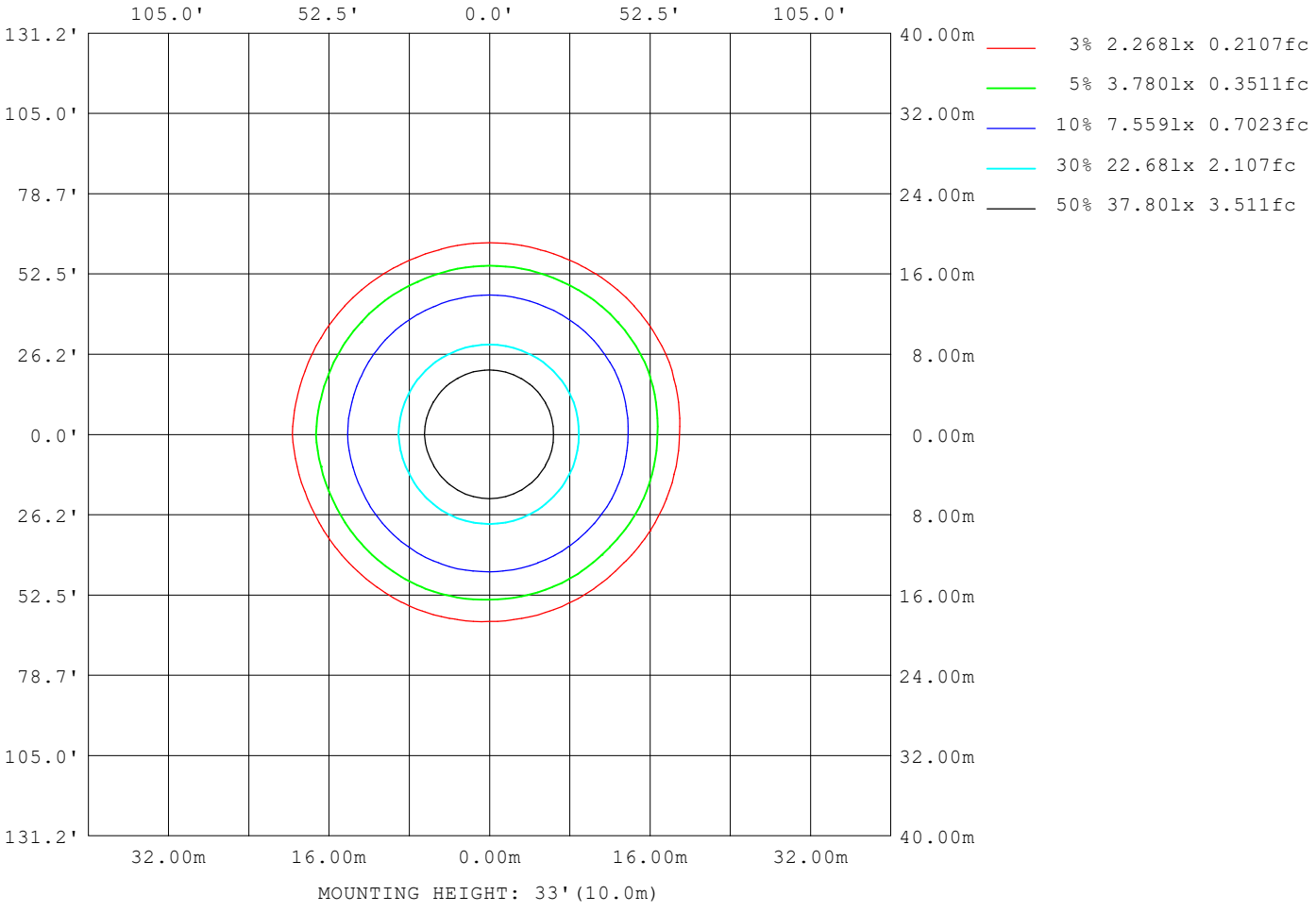
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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:

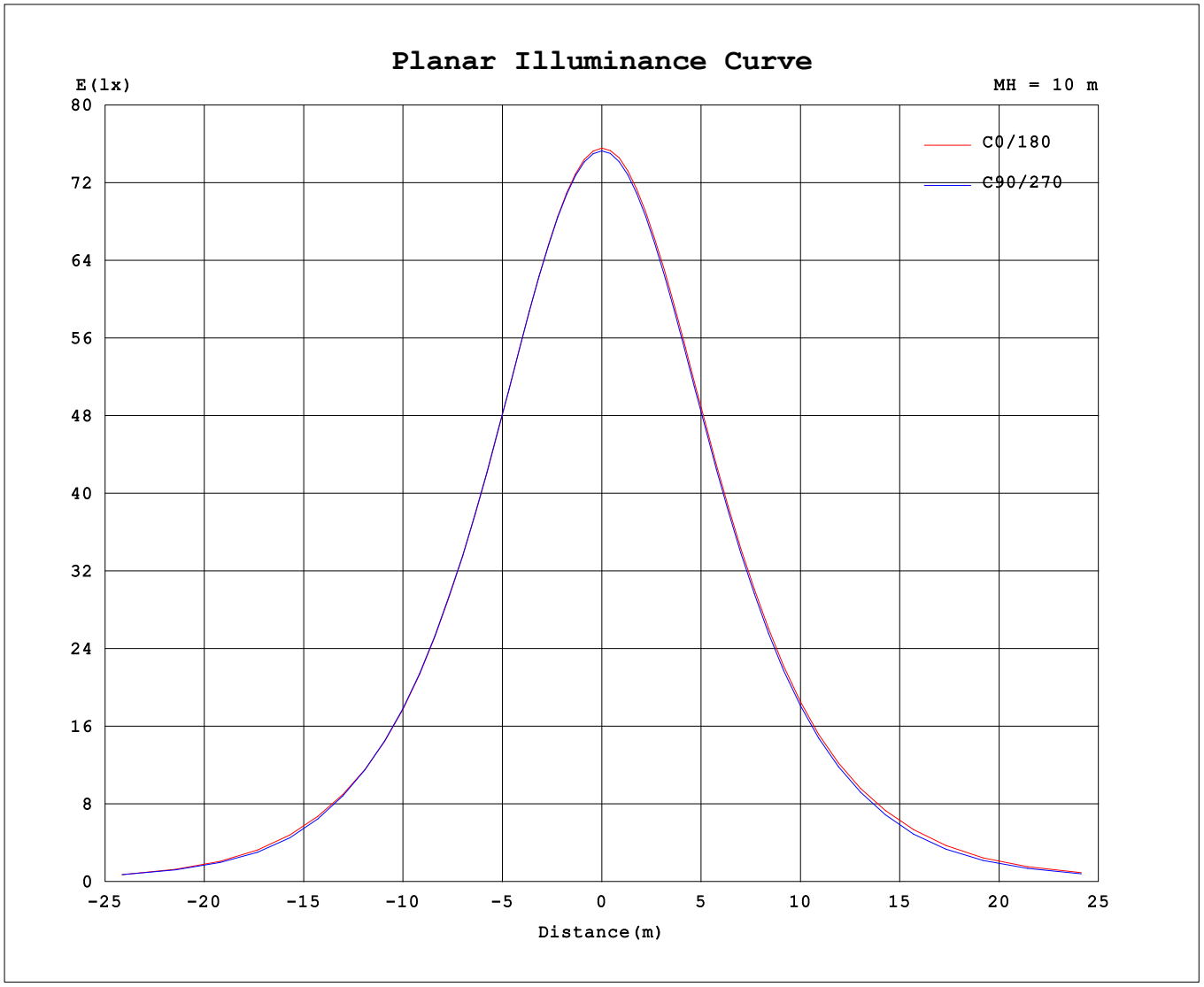
AvgL	cd/m2
L_0~180(65)av	142373
L_0~180(75)av	77813
L_0~180(85)av	43562
L_90~270(65)av	131590
L_90~270(75)av	76993
L_90~270(85)av	52554
L_45(65)av	134242
L_45(75)av	76980
L_45(85)av	49909

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:119.91V I:0.9682A P:115.35W PF:0.9936 Freq:60.02Hz UTHDi:0.66% ITHDi:4.57% KDisp:0.0000 Lamp Flux:20008.6x1 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	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533			
5	7500	7499	7505	7506	7504	7506	7504	7498	7519	7515	7513	7510	7509	7508	7510	7505			
10	7405	7413	7414	7423	7420	7420	7419	7415	7445	7438	7438	7433	7428	7424	7431	7431			
15	7261	7265	7267	7282	7281	7289	7280	7278	7320	7311	7310	7298	7297	7290	7298	7293			
20	7059	7065	7065	7082	7085	7096	7082	7080	7138	7121	7122	7109	7104	7095	7106	7101			
25	6792	6803	6802	6828	6827	6842	6826	6826	6897	6880	6878	6859	6861	6843	6857	6851			
30	6467	6483	6478	6509	6510	6524	6512	6515	6596	6579	6581	6552	6550	6532	6553	6548			
35	6082	6095	6088	6124	6121	6147	6134	6137	6232	6213	6215	6183	6173	6160	6184	6178			
40	5604	5615	5605	5641	5642	5676	5656	5661	5785	5753	5752	5706	5704	5691	5723	5716			
45	5009	5022	5013	5046	5053	5092	5070	5084	5226	5189	5179	5126	5133	5108	5146	5146			
50	4339	4352	4318	4347	4349	4408	4409	4438	4592	4549	4537	4469	4472	4448	4499	4498			
55	3572	3551	3450	3442	3444	3562	3630	3700	3875	3810	3765	3655	3657	3657	3755	3767			
60	2626	2534	2400	2428	2447	2566	2647	2766	2984	2867	2792	2675	2690	2697	2814	2844			
65	1717	1643	1565	1611	1646	1725	1752	1850	2061	1968	1909	1828	1847	1835	1900	1909			
70	1008	988	959	994	1026	1071	1071	1134	1308	1277	1214	1188	1180	1176	1178	1202			
75	525	533	534	558	570	597	592	616	740	724	718	686	682	655	658	642			
80	234	266	257	293	278	307	280	307	364	368	376	356	349	326	321	298			
85	89.7	95.2	111	113	122	121	121	116	149	162	177	170	166	149	138	129			
90	45.2	44.9	44.6	44.2	44.2	44.1	44.6	44.6	46.1	46.3	47.1	45.7	45.3	45.3	45.2	45.1			
95	48.3	48.0	47.7	47.3	47.2	47.2	47.5	47.7	47.2	47.3	47.2	47.4	47.5	47.6	47.7	47.7			
100	52.0	51.7	51.4	51.0	50.9	50.8	51.1	51.3	50.4	50.4	50.4	50.6	50.7	50.9	50.9	51.0			
105	56.0	55.6	55.3	54.8	54.7	54.7	55.0	55.2	53.9	53.9	53.9	54.0	54.2	54.4	54.4	54.5			
110	60.0	59.6	59.3	58.8	58.8	58.6	58.9	59.2	57.5	57.5	57.4	57.6	57.9	58.0	58.0	58.0			
115	63.9	63.5	63.1	62.7	62.7	62.4	62.7	63.0	61.0	61.1	61.0	61.2	61.6	61.6	61.6	61.6			
120	67.5	67.1	66.8	66.4	66.5	66.1	66.3	66.6	64.5	64.6	64.5	64.8	65.3	65.1	65.0	64.9			
125	70.7	70.5	70.1	69.9	70.1	69.6	69.5	69.8	67.8	67.9	67.9	68.3	68.9	68.6	68.3	68.2			
130	73.6	73.5	73.2	73.2	73.3	72.9	72.5	72.7	71.0	71.1	71.1	71.8	72.4	72.2	71.7	71.4			
135	76.2	76.3	76.3	76.4	76.5	75.8	75.4	75.2	74.1	74.2	74.4	75.3	75.9	75.7	75.1	74.7			
140	78.8	79.2	79.3	79.5	79.4	78.8	78.1	77.9	77.5	77.3	77.7	78.6	79.3	79.2	78.6	78.0			
145	81.9	82.3	82.6	82.6	82.5	81.7	81.1	80.8	81.0	80.7	81.0	81.9	82.7	82.7	82.2	81.6			
150	85.4	85.9	86.0	85.9	85.9	85.1	84.5	84.2	85.1	84.5	84.7	85.4	86.3	86.4	86.1	85.6			
155	89.5	89.9	89.9	89.8	89.7	88.9	88.5	88.1	89.6	88.7	88.8	89.3	90.2	90.4	90.2	89.9			
160	93.9	94.1	94.0	93.9	93.8	93.1	92.8	92.4	94.3	93.1	93.1	93.6	94.2	94.5	94.6	94.5			
165	98.5	98.4	98.1	98.0	97.7	97.2	97.0	96.8	98.9	97.4	97.3	97.6	98.1	98.4	98.6	98.9			
170	102	102	102	101	101	101	101	101	103	101	101	101	101	102	102	102			
175	106	105	104	104	103	103	103	104	106	104	104	104	104	104	104	105			
180	107	105	105	105	105	105	105	105	107	105	105	105	105	105	105	105			

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	7533	7533	7533	7533	7533	7533	7533	7533	7533	7533
2.5	7523	7524	7521	7526	7525	7526	7524	7520	7528	7529
5.0	7500	7499	7505	7506	7504	7506	7504	7498	7519	7515
7.5	7458	7465	7466	7472	7469	7471	7469	7462	7486	7483
10.0	7405	7413	7414	7423	7420	7420	7419	7415	7445	7438
12.5	7339	7347	7347	7358	7357	7362	7357	7353	7388	7382
15.0	7261	7265	7267	7282	7281	7289	7280	7278	7320	7311
17.5	7164	7174	7176	7187	7188	7200	7191	7187	7238	7226
20.0	7059	7065	7065	7082	7085	7096	7082	7080	7138	7121
22.5	6931	6941	6941	6959	6964	6975	6961	6961	7029	7007
25.0	6792	6803	6802	6828	6827	6842	6826	6826	6897	6880
27.5	6636	6649	6648	6678	6677	6691	6678	6679	6754	6734
30.0	6467	6483	6478	6509	6510	6524	6512	6515	6596	6579
32.5	6285	6296	6294	6328	6326	6346	6333	6336	6424	6404
35.0	6082	6095	6088	6124	6121	6147	6134	6137	6232	6213
37.5	5857	5873	5862	5898	5901	5927	5907	5918	6021	5999
40.0	5604	5615	5605	5641	5642	5676	5656	5661	5785	5753
42.5	5318	5330	5322	5356	5363	5398	5376	5388	5522	5480
45.0	5009	5022	5013	5046	5053	5092	5070	5084	5226	5189
47.5	4681	4698	4683	4714	4718	4763	4751	4771	4910	4874
50.0	4339	4352	4318	4347	4349	4408	4409	4438	4592	4549
52.5	3976	3973	3914	3933	3932	4015	4042	4086	4247	4198
55.0	3572	3551	3450	3442	3444	3562	3630	3700	3875	3810
57.5	3111	3042	2911	2935	2919	3064	3148	3258	3461	3361
60.0	2626	2534	2400	2428	2447	2566	2647	2766	2984	2867
62.5	2149	2055	1951	1994	2020	2120	2170	2284	2506	2398
65.0	1717	1643	1565	1611	1646	1725	1752	1850	2061	1968
67.5	1332	1288	1262	1277	1306	1374	1382	1465	1666	1587
70.0	1008	988.4	959.2	993.7	1026	1071	1071	1134	1308	1277
72.5	739.7	736.5	727.7	755.4	777.6	812.9	808.7	849.3	1001	966.4
75.0	525.0	532.9	534.4	558.5	569.6	596.9	592.4	615.6	739.8	724.4
77.5	358.8	369.9	376.7	397.1	402.4	421.3	418.6	430.7	529.0	525.9
80.0	233.5	266.5	257.2	293.2	277.9	307.3	280.2	306.8	363.6	367.6
82.5	152.1	163.2	175.2	189.4	192.4	193.5	183.7	183.1	236.2	243.9
85.0	89.71	95.24	110.6	113.5	121.8	120.5	120.9	116.2	148.7	161.7
87.5	46.40	46.12	46.11	49.81	51.30	58.61	58.18	63.03	89.65	96.45
90.0	45.21	44.88	44.64	44.24	44.21	44.14	44.55	44.63	46.14	46.33
92.5	46.67	46.36	46.08	45.72	45.59	45.60	45.88	46.08	45.82	45.90
95.0	48.33	48.04	47.75	47.35	47.23	47.23	47.52	47.71	47.24	47.28
97.5	50.14	49.80	49.54	49.10	48.99	48.95	49.27	49.42	48.78	48.82
100.0	52.05	51.72	51.41	50.98	50.85	50.80	51.13	51.31	50.39	50.44
102.5	54.01	53.66	53.35	52.87	52.78	52.71	53.04	53.23	52.13	52.14
105.0	55.99	55.62	55.31	54.83	54.74	54.67	54.98	55.19	53.86	53.91
107.5	58.00	57.64	57.30	56.83	56.77	56.64	56.96	57.19	55.67	55.70
110.0	60.02	59.63	59.28	58.80	58.76	58.58	58.94	59.17	57.46	57.51
112.5	61.99	61.62	61.26	60.77	60.80	60.55	60.87	61.13	59.26	59.32
115.0	63.89	63.52	63.13	62.66	62.75	62.42	62.73	63.03	61.03	61.11
117.5	65.74	65.40	65.00	64.55	64.71	64.29	64.58	64.86	62.74	62.84
120.0	67.47	67.14	66.76	66.39	66.55	66.11	66.31	66.62	64.46	64.57
122.5	69.12	68.84	68.44	68.17	68.33	67.87	67.94	68.27	66.15	66.23
125.0	70.68	70.49	70.07	69.90	70.09	69.57	69.52	69.84	67.81	67.91
127.5	72.15	72.00	71.60	71.58	71.73	71.21	71.02	71.27	69.43	69.53
130.0	73.58	73.48	73.18	73.23	73.34	72.86	72.49	72.65	71.01	71.11
132.5	74.87	74.92	74.71	74.82	74.91	74.37	73.92	73.94	72.59	72.68
135.0	76.16	76.35	76.25	76.38	76.45	75.84	75.36	75.25	74.15	74.23
137.5	77.44	77.78	77.78	77.93	77.95	77.32	76.71	76.53	75.77	75.77
140.0	78.82	79.24	79.35	79.45	79.44	78.78	78.14	77.88	77.46	77.34
142.5	80.29	80.73	80.93	80.97	80.95	80.26	79.60	79.29	79.25	78.96
145.0	81.86	82.30	82.57	82.59	82.55	81.74	81.15	80.77	81.05	80.66
147.5	83.58	84.07	84.24	84.22	84.20	83.37	82.78	82.40	83.04	82.52
150.0	85.40	85.93	85.95	85.94	85.89	85.12	84.53	84.16	85.08	84.46
152.5	87.39	87.91	87.85	87.88	87.76	87.01	86.42	86.08	87.28	86.55
155.0	89.48	89.94	89.86	89.84	89.73	88.95	88.47	88.10	89.58	88.69
157.5	91.67	91.99	91.98	91.84	91.78	91.01	90.62	90.21	91.93	90.88
160.0	93.91	94.13	94.04	93.95	93.79	93.10	92.78	92.38	94.31	93.15
162.5	96.22	96.34	96.13	96.03	95.80	95.23	94.96	94.61	96.66	95.32
165.0	98.46	98.44	98.08	97.97	97.70	97.22	97.02	96.76	98.92	97.43
167.5	100.5	100.3	99.85	99.75	99.44	99.08	98.91	98.74	101.0	99.39
170.0	102.4	102.1	101.5	101.4	101.1	100.7	100.6	100.6	103.0	101.2
172.5	104.1	103.5	102.8	102.7	102.3	102.0	102.1	102.3	104.6	102.9
175.0	105.5	104.5	103.9	103.7	103.3	103.3	103.3	103.7	105.8	104.0
177.5	106.5	105.2	104.7	104.6	104.2	104.2	104.3	104.8	106.7	104.9
180.0	106.9	105.4	104.9	104.8	104.6	104.7	104.9	105.3	107.0	105.3

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	7533	7533	7533	7533	7533	7533
2.5	7530	7530	7528	7527	7529	7525
5.0	7513	7510	7509	7508	7510	7505
7.5	7485	7478	7475	7474	7478	7474
10.0	7438	7433	7428	7424	7431	7431
12.5	7382	7368	7368	7362	7370	7367
15.0	7310	7298	7297	7290	7298	7293
17.5	7225	7208	7204	7200	7210	7204
20.0	7122	7109	7104	7095	7106	7101
22.5	7008	6990	6991	6978	6989	6985
25.0	6878	6859	6861	6843	6857	6851
27.5	6732	6712	6712	6698	6713	6705
30.0	6581	6552	6550	6532	6553	6548
32.5	6412	6379	6372	6357	6376	6376
35.0	6215	6183	6173	6160	6184	6178
37.5	5997	5958	5950	5942	5966	5959
40.0	5752	5706	5704	5691	5723	5716
42.5	5477	5426	5427	5412	5444	5440
45.0	5179	5126	5133	5108	5146	5146
47.5	4864	4806	4809	4785	4828	4826
50.0	4537	4469	4472	4448	4499	4498
52.5	4171	4093	4094	4078	4144	4147
55.0	3765	3655	3657	3657	3755	3767
57.5	3290	3157	3170	3183	3305	3335
60.0	2792	2675	2690	2697	2814	2844
62.5	2329	2233	2250	2246	2337	2353
65.0	1909	1828	1847	1835	1900	1909
67.5	1537	1472	1496	1470	1516	1518
70.0	1214	1188	1180	1176	1178	1202
72.5	945.1	904.9	911.5	882.9	894.3	886.3
75.0	717.9	685.8	681.9	655.3	657.7	641.7
77.5	530.9	502.3	494.5	469.6	469.9	448.4
80.0	375.5	355.8	348.7	325.9	321.1	298.0
82.5	276.3	248.2	242.6	222.4	210.9	191.2
85.0	177.2	170.3	165.8	149.0	137.7	129.4
87.5	105.2	95.93	92.65	80.48	77.46	67.69
90.0	47.13	45.67	45.34	45.30	45.19	45.08
92.5	45.82	45.98	46.02	46.21	46.26	46.30
95.0	47.25	47.37	47.48	47.64	47.72	47.73
97.5	48.78	48.93	49.04	49.23	49.30	49.31
100.0	50.40	50.56	50.69	50.89	50.93	50.97
102.5	52.10	52.27	52.43	52.62	52.67	52.68
105.0	53.86	54.04	54.19	54.38	54.43	54.45
107.5	55.64	55.83	56.01	56.22	56.23	56.25
110.0	57.43	57.63	57.87	58.02	58.04	58.03
112.5	59.24	59.43	59.72	59.81	59.82	59.81
115.0	61.03	61.22	61.59	61.60	61.59	61.56
117.5	62.77	62.97	63.43	63.33	63.29	63.26
120.0	64.52	64.75	65.29	65.10	64.98	64.92
122.5	66.21	66.52	67.07	66.83	66.62	66.55
125.0	67.88	68.29	68.88	68.59	68.32	68.20
127.5	69.51	70.07	70.64	70.37	69.97	69.81
130.0	71.12	71.81	72.42	72.16	71.65	71.41
132.5	72.78	73.55	74.16	73.92	73.37	73.06
135.0	74.42	75.27	75.91	75.68	75.10	74.70
137.5	76.03	76.94	77.62	77.44	76.82	76.35
140.0	77.68	78.60	79.30	79.17	78.57	78.04
142.5	79.35	80.26	80.99	80.95	80.37	79.80
145.0	81.04	81.93	82.70	82.69	82.19	81.62
147.5	82.84	83.64	84.46	84.49	84.09	83.54
150.0	84.70	85.39	86.29	86.37	86.05	85.55
152.5	86.65	87.31	88.19	88.36	88.11	87.71
155.0	88.76	89.33	90.16	90.42	90.21	89.95
157.5	90.91	91.42	92.19	92.52	92.40	92.20
160.0	93.12	93.56	94.19	94.55	94.57	94.50
162.5	95.23	95.61	96.20	96.51	96.68	96.75
165.0	97.30	97.60	98.08	98.41	98.65	98.92
167.5	99.22	99.41	99.80	100.1	100.5	100.8
170.0	101.0	101.1	101.3	101.5	101.9	102.4
172.5	102.5	102.5	102.5	102.8	103.2	103.7
175.0	103.8	103.7	103.6	103.8	104.2	104.6
177.5	104.6	104.4	104.4	104.4	104.8	105.1
180.0	105.0	104.8	104.7	104.7	105.0	105.3

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: