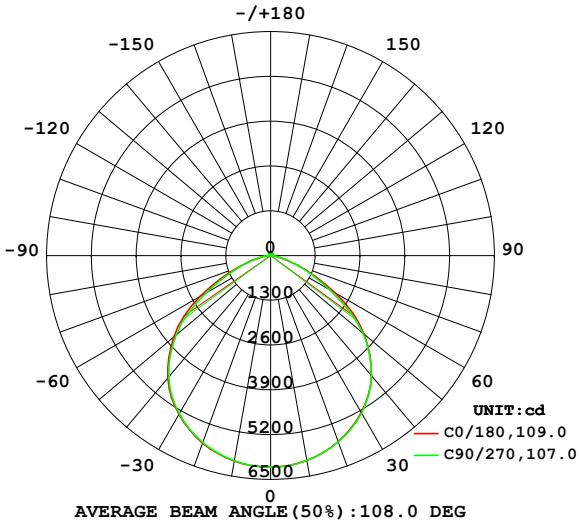
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:

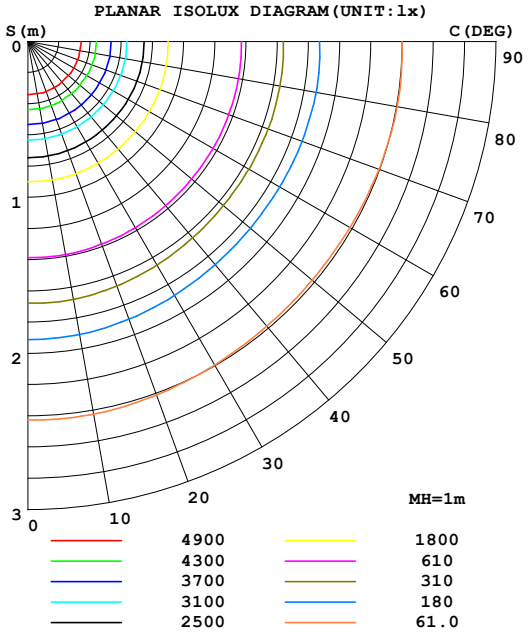
DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.09 lm/W			
MODEL		Imax(cd)	6142	S/MH(C0/180)	1.29
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	16162	η UP,DN(C0-180)	1.1,48.1
NOMINAL FLUX(lm)	16161.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.8
LAMPS INSIDE	1	η up(%)	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	6040	6043	6040	6038	6058	6059	6051	6053	0- 10	581.8	581.8	3.6,3.6
20	5745	5751	5754	5745	5792	5781	5771	5782	10- 20	1674	2256	14,14
30	5264	5268	5275	5261	5328	5318	5306	5322	20- 30	2560	4816	29.8,29.8
40	4560	4555	4552	4547	4650	4624	4601	4643	30- 40	3112	7928	49.1,49.1
50	3544	3509	3495	3518	3662	3619	3587	3645	40- 50	3166	11094	68.6,68.6
60	2164	1967	1964	2085	2354	2205	2150	2294	50- 60	2587	13682	84.7,84.7
70	841.4	789.4	823.6	839.2	1015	953.0	941.8	958.5	60- 70	1454	15136	93.7,93.7
80	197.8	214.1	225.4	218.1	290.9	307.2	294.4	279.2	70- 80	556.6	15692	97.1,97.1
90	36.37	36.00	35.74	36.13	36.68	37.01	36.62	36.58	80- 90	127.8	15820	97.9,97.9
100	41.84	41.43	41.10	41.48	40.94	40.84	40.93	41.01	90-100	42.05	15862	98.1,98.1
110	48.30	47.82	47.51	47.82	46.72	46.60	46.78	46.80	100-110	46.76	15909	98.4,98.4
120	54.44	53.95	53.87	53.81	52.41	52.35	52.84	52.46	110-120	49.90	15959	98.7,98.7
130	59.49	59.26	59.45	58.87	57.74	57.75	58.62	57.92	120-130	50.17	16009	99.1,99.1
140	63.80	64.26	64.38	63.42	63.02	63.08	64.26	63.58	130-140	47.33	16056	99.3,99.3
150	69.17	69.66	69.62	68.61	69.21	68.80	69.93	69.62	140-150	41.67	16098	99.6,99.6
160	76.09	76.19	76.03	75.28	76.67	75.60	76.31	76.55	150-160	33.51	16131	99.8,99.8
170	83.05	82.24	81.86	81.64	83.60	81.93	82.07	82.58	160-170	22.39	16154	100,100
180	86.82	85.03	84.84	85.06	86.84	85.05	84.86	85.06	170-180	7.987	16162	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 9540.6 lm

%lum = 59.0%
%lamp = 59.0%

Conical surface Flux(130deg): 14548 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

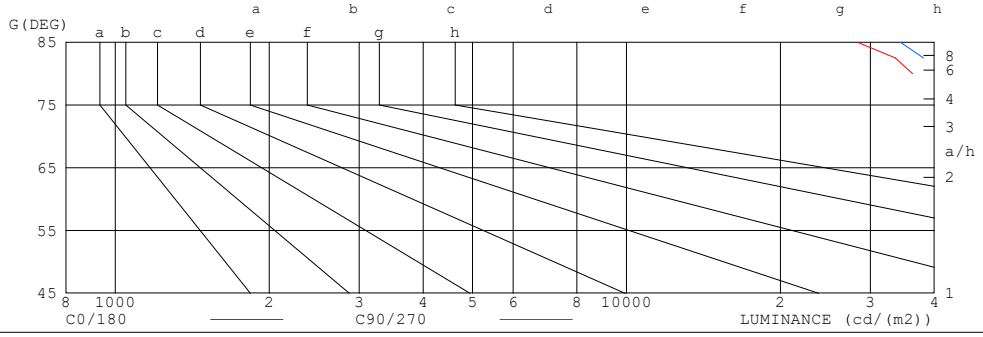
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz **UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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	28316	34353
80	36301	41338
75	54301	56521
70	78392	76708
65	107187	99217
60	137906	125143
55	162373	153625
50	175704	173207
45	183799	183256

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:

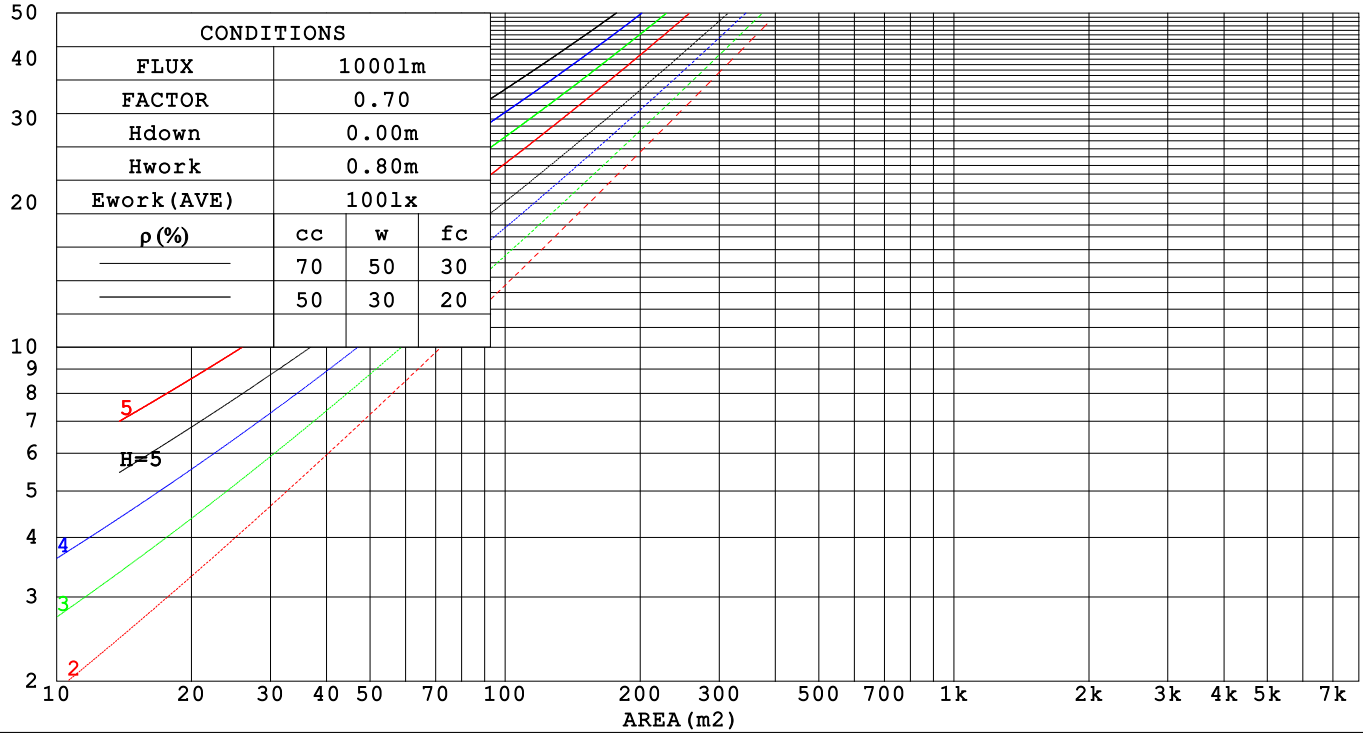
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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	30.1	31.5	30.4	31.8	32.0	29.9	31.3	30.2	31.5	31.8
3H	30.7	32.0	31.0	32.2	32.5	30.5	31.7	30.8	32.0	32.3
4H	30.8	32.0	31.1	32.3	32.6	30.6	31.8	30.9	32.1	32.4
6H	30.8	31.9	31.1	32.2	32.5	30.6	31.7	31.0	32.1	32.4
8H	30.8	31.9	31.1	32.2	32.5	30.6	31.7	31.0	32.0	32.3
12H	30.7	31.8	31.1	32.1	32.5	30.6	31.6	30.9	32.0	32.3
4H 2H	30.4	31.6	30.7	31.9	32.2	30.2	31.4	30.5	31.7	32.0
3H	31.0	32.1	31.4	32.4	32.8	30.8	31.9	31.2	32.2	32.6
4H	31.2	32.2	31.6	32.5	32.9	31.0	32.0	31.4	32.3	32.7
6H	31.2	32.1	31.7	32.5	32.9	31.1	32.0	31.5	32.3	32.7
8H	31.2	32.0	31.7	32.4	32.9	31.1	31.9	31.6	32.3	32.7
12H	31.2	31.9	31.7	32.4	32.8	31.1	31.8	31.6	32.3	32.7
8H 4H	31.2	32.0	31.6	32.4	32.8	31.0	31.8	31.5	32.2	32.6
6H	31.3	31.9	31.8	32.4	32.8	31.2	31.8	31.6	32.3	32.7
8H	31.3	31.9	31.8	32.3	32.8	31.2	31.8	31.7	32.3	32.7
12H	31.3	31.8	31.8	32.3	32.8	31.3	31.7	31.8	32.2	32.7
12H 4H	31.2	31.9	31.6	32.3	32.7	31.0	31.7	31.5	32.1	32.6
6H	31.3	31.8	31.8	32.3	32.8	31.2	31.7	31.6	32.2	32.7
8H	31.3	31.8	31.8	32.3	32.8	31.2	31.7	31.7	32.2	32.7

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.4 / - 0.5	+ 0.4 / - 0.5
1.5H	+ 0.3 / - 0.6	+ 0.3 / - 0.6
2.0H	+ 0.9 / - 1.2	+ 1.0 / - 1.1

CIE Pub.117, 16162 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.7)
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:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:

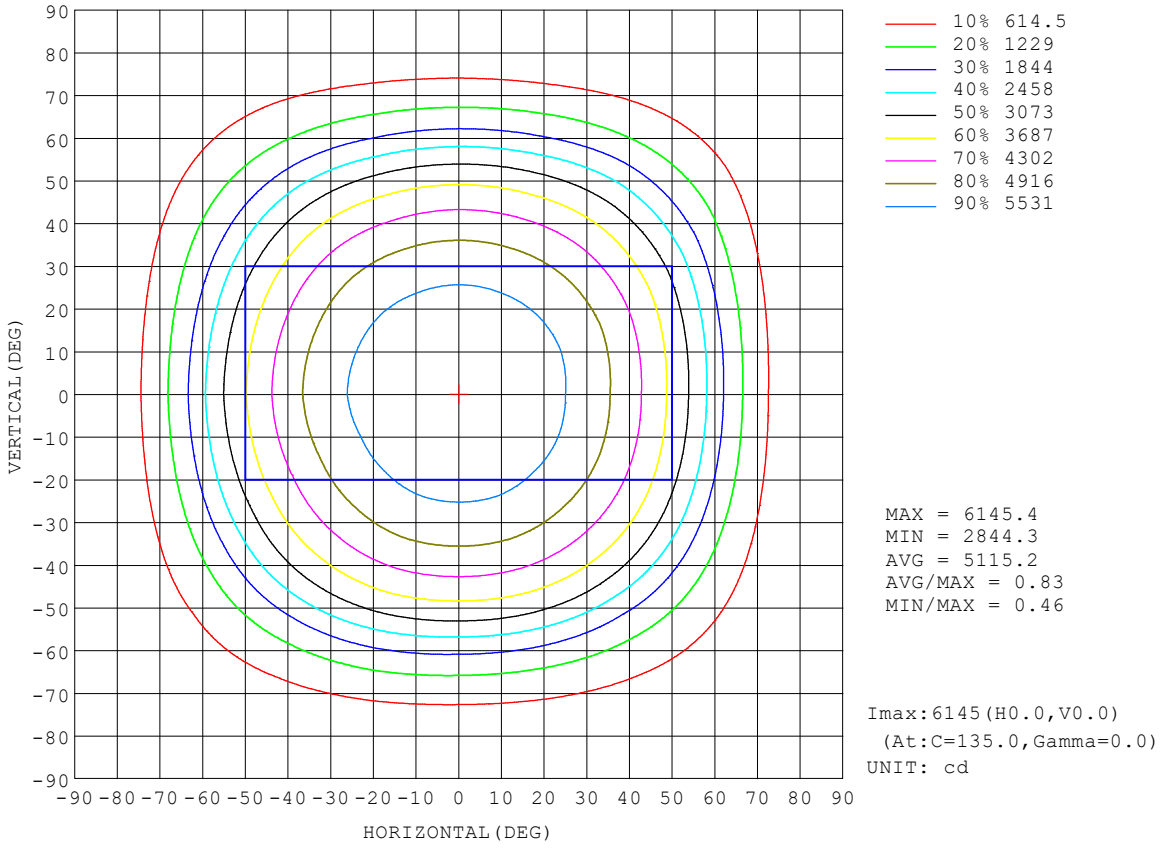
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	42	59	48	42	57	47	41	35
0.80	70	59	52	69	58	52	67	58	51	45
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:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:



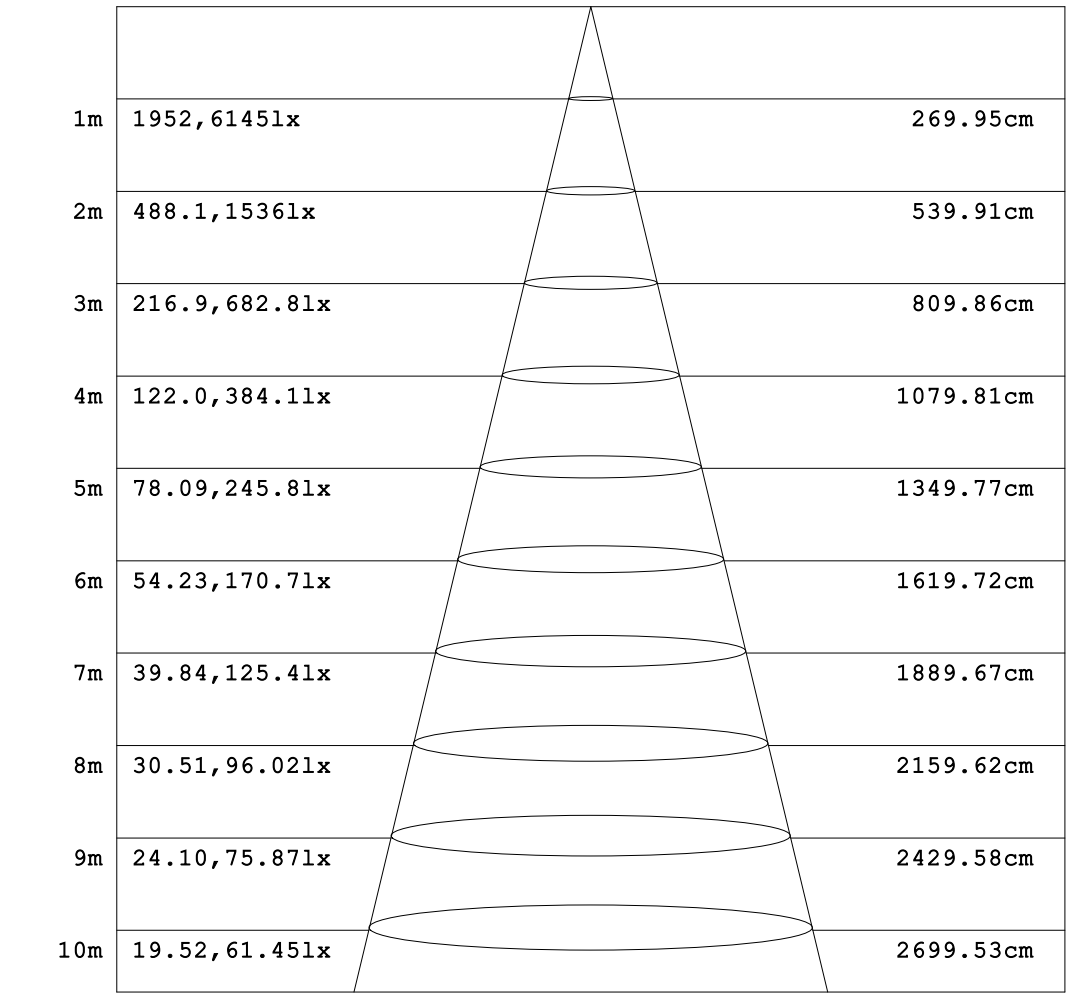
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:12510 lm



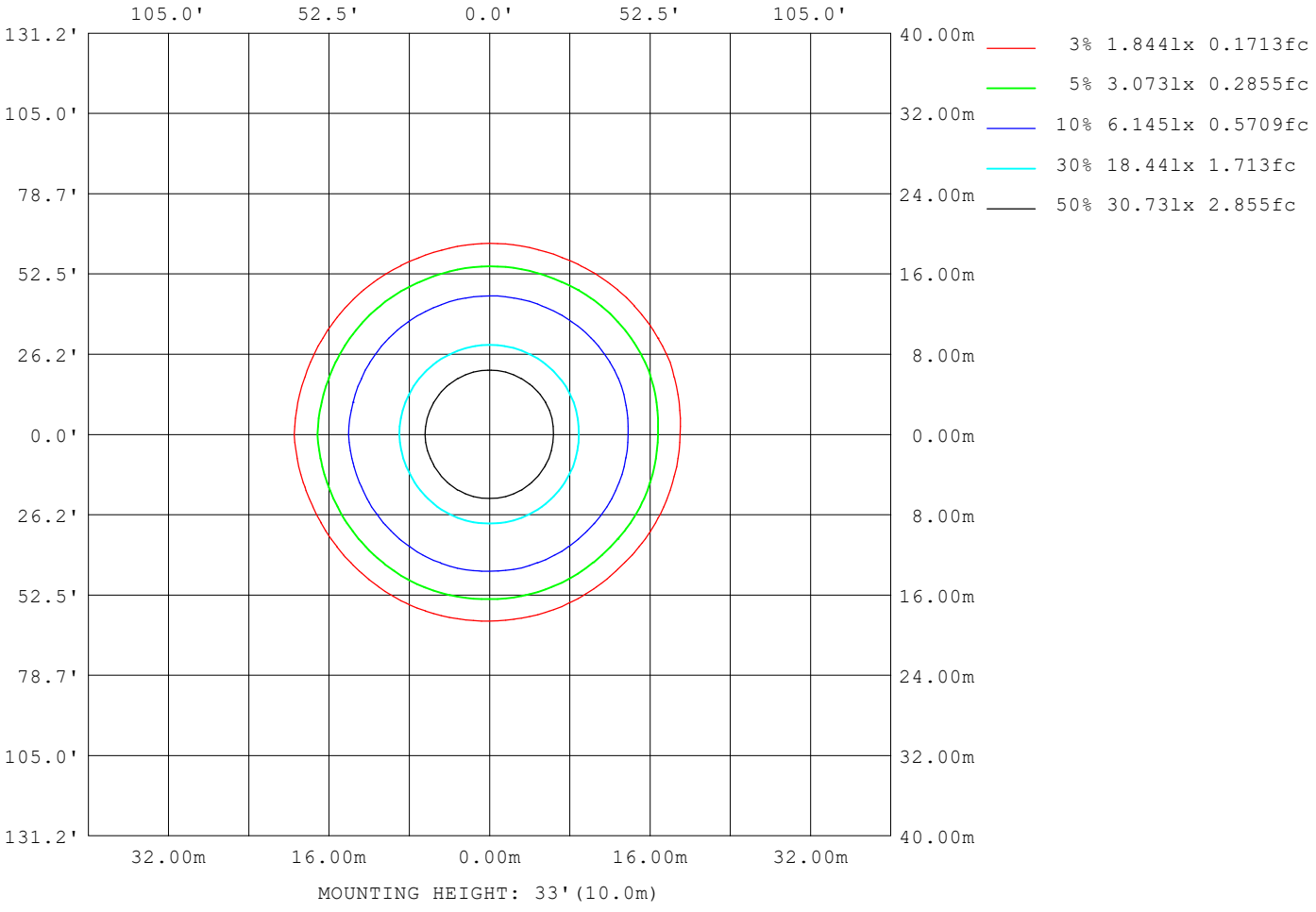
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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:

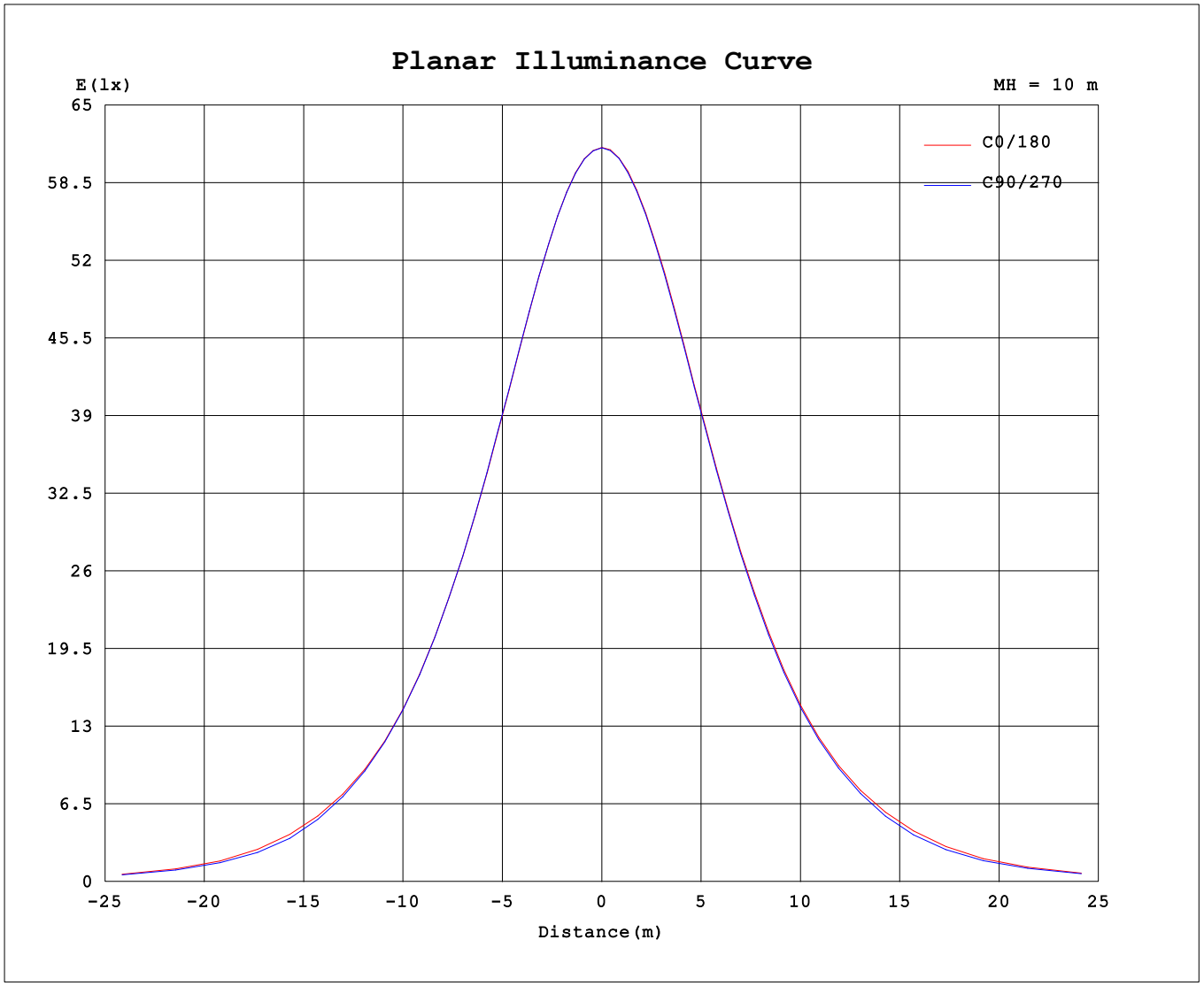
AvgL	cd/m2
L_0~180(65)av	114273
L_0~180(75)av	62063
L_0~180(85)av	34770
L_90~270(65)av	105271
L_90~270(75)av	61782
L_90~270(85)av	41365
L_45(65)av	108031
L_45(75)av	61602
L_45(85)av	39080

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:119.88V I:0.8500A P:100.96W PF:0.9908 Freq:60.01Hz UTHDi:0.63% ITHDi:5.33% KDisp:0.0000 Lamp Flux:16161.8x1 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	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142			
5	6117	6119	6118	6118	6116	6113	6113	6112	6122	6123	6122	6122	6121	6116	6121	6124			
10	6040	6043	6043	6047	6040	6043	6038	6033	6058	6052	6059	6051	6051	6047	6053	6058			
15	5915	5923	5920	5926	5921	5920	5915	5912	5947	5938	5944	5933	5934	5933	5943	5944			
20	5745	5751	5751	5761	5754	5758	5745	5741	5792	5781	5781	5769	5771	5772	5782	5786			
25	5529	5540	5534	5552	5542	5546	5526	5529	5581	5569	5572	5559	5562	5561	5573	5578			
30	5264	5273	5268	5289	5275	5281	5261	5264	5328	5315	5318	5303	5306	5304	5322	5327			
35	4948	4956	4946	4970	4956	4967	4941	4946	5024	5008	5015	4993	4993	4997	5016	5028			
40	4560	4572	4555	4569	4552	4571	4547	4548	4650	4627	4624	4590	4601	4608	4643	4647			
45	4078	4093	4072	4082	4068	4085	4063	4070	4178	4159	4149	4110	4129	4130	4173	4184			
50	3544	3554	3509	3516	3495	3529	3518	3545	3662	3627	3619	3574	3587	3586	3645	3661			
55	2923	2884	2813	2792	2766	2845	2879	2911	3080	3017	2964	2909	2907	2942	3025	3069			
60	2164	2091	1967	1971	1964	2039	2085	2171	2354	2249	2205	2128	2150	2170	2294	2335			
65	1422	1359	1306	1310	1316	1368	1377	1445	1611	1539	1502	1451	1478	1475	1549	1575			
70	841	822	789	811	824	850	839	882	1015	976	953	922	942	930	958	976			
75	441	446	442	458	459	474	462	474	568	559	561	542	545	529	537	535			
80	198	207	214	225	225	229	218	218	291	282	307	279	294	264	279	250			
85	77.4	82.0	86.7	94.8	94.0	95.8	89.6	88.4	113	129	137	134	132	123	114	103			
90	36.4	36.1	36.0	35.7	35.7	35.7	36.1	36.2	36.7	36.9	37.0	36.8	36.6	36.6	36.6	36.5			
95	38.9	38.6	38.5	38.2	38.2	38.2	38.6	38.8	38.3	38.4	38.3	38.4	38.3	38.5	38.4	38.4			
100	41.8	41.6	41.4	41.1	41.1	41.2	41.5	41.7	40.9	41.0	40.8	41.0	40.9	41.1	41.0	41.1			
105	45.0	44.8	44.6	44.3	44.3	44.3	44.6	44.9	43.8	43.8	43.7	43.8	43.8	43.9	43.9	43.9			
110	48.3	48.1	47.8	47.5	47.5	47.5	47.8	48.1	46.7	46.7	46.6	46.7	46.8	46.8	46.8	46.8			
115	51.5	51.2	51.0	50.7	50.8	50.6	50.9	51.3	49.6	49.7	49.5	49.6	49.8	49.7	49.7	49.7			
120	54.4	54.2	54.0	53.7	53.9	53.6	53.8	54.1	52.4	52.5	52.4	52.5	52.8	52.6	52.5	52.5			
125	57.1	56.9	56.7	56.5	56.7	56.4	56.4	56.7	55.1	55.3	55.1	55.4	55.8	55.5	55.2	55.1			
130	59.5	59.4	59.3	59.2	59.5	59.0	58.9	59.1	57.7	57.9	57.8	58.3	58.6	58.4	57.9	57.8			
135	61.6	61.8	61.8	61.8	61.9	61.5	61.2	61.2	60.3	60.4	60.4	61.2	61.5	61.4	60.7	60.5			
140	63.8	64.1	64.3	64.3	64.4	63.9	63.4	63.3	63.0	63.0	63.1	63.9	64.3	64.2	63.6	63.2			
145	66.3	66.7	66.9	66.9	66.9	66.3	65.9	65.7	66.0	65.7	65.8	66.6	67.0	67.0	66.5	66.1			
150	69.2	69.6	69.7	69.6	69.6	69.0	68.6	68.4	69.2	68.8	68.8	69.4	69.9	70.0	69.6	69.3			
155	72.5	72.8	72.8	72.8	72.7	72.1	71.8	71.6	72.8	72.2	72.1	72.6	73.1	73.3	73.0	72.9			
160	76.1	76.2	76.2	76.1	76.0	75.5	75.3	75.1	76.7	75.7	75.6	76.0	76.3	76.6	76.6	76.5			
165	79.8	79.8	79.5	79.4	79.1	78.9	78.7	78.6	80.3	79.1	79.0	79.2	79.5	79.7	80.0	80.1			
170	83.1	82.7	82.2	82.1	81.9	81.7	81.6	81.7	83.6	82.2	81.9	82.0	82.1	82.4	82.6	83.0			
175	85.6	84.7	84.2	84.0	83.7	83.7	83.8	84.2	85.8	84.4	84.2	84.0	84.0	84.1	84.4	84.8			
180	86.8	85.4	85.0	85.0	84.8	84.9	85.1	85.4	86.8	85.4	85.1	85.0	84.9	84.9	85.1	85.4			

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	6142	6142	6142	6142	6142	6142	6142	6142	6142	6142
2.5	6134	6137	6134	6135	6135	6134	6130	6133	6140	6139
5.0	6117	6119	6118	6118	6116	6113	6113	6112	6122	6123
7.5	6085	6087	6086	6090	6085	6082	6080	6078	6097	6097
10.0	6040	6043	6043	6047	6040	6043	6038	6033	6058	6052
12.5	5984	5990	5989	5997	5987	5988	5983	5982	6010	6003
15.0	5915	5923	5920	5926	5921	5920	5915	5912	5947	5938
17.5	5837	5845	5843	5846	5842	5845	5836	5836	5878	5868
20.0	5745	5751	5751	5761	5754	5758	5745	5741	5792	5781
22.5	5643	5655	5649	5659	5655	5660	5641	5640	5694	5680
25.0	5529	5540	5534	5552	5542	5546	5526	5529	5581	5569
27.5	5402	5413	5406	5426	5417	5420	5399	5402	5460	5452
30.0	5264	5273	5268	5289	5275	5281	5261	5264	5328	5315
32.5	5114	5119	5113	5139	5124	5135	5110	5112	5183	5167
35.0	4948	4956	4946	4970	4956	4967	4941	4946	5024	5008
37.5	4769	4777	4761	4779	4771	4783	4759	4759	4846	4827
40.0	4560	4572	4555	4569	4552	4571	4547	4548	4650	4627
42.5	4330	4344	4327	4337	4321	4339	4313	4322	4425	4400
45.0	4078	4093	4072	4082	4068	4085	4063	4070	4178	4159
47.5	3816	3829	3803	3807	3793	3817	3799	3813	3921	3898
50.0	3544	3554	3509	3516	3495	3529	3518	3545	3662	3627
52.5	3250	3251	3187	3184	3160	3209	3218	3251	3383	3335
55.0	2923	2884	2813	2792	2766	2845	2879	2911	3080	3017
57.5	2553	2516	2380	2359	2343	2433	2486	2571	2741	2648
60.0	2164	2091	1967	1971	1964	2039	2085	2171	2354	2249
62.5	1775	1699	1601	1620	1622	1681	1708	1789	1967	1875
65.0	1422	1359	1306	1310	1316	1368	1377	1445	1611	1539
67.5	1107	1069	1012	1040	1055	1089	1087	1143	1297	1257
70.0	841.4	822.4	789.4	810.9	823.6	850.0	839.2	881.9	1015	976.3
72.5	619.3	615.0	600.3	618.1	626.0	644.8	632.2	657.2	773.3	749.9
75.0	441.0	446.4	442.0	457.7	459.3	474.3	461.8	473.8	567.7	559.4
77.5	302.8	326.7	312.6	326.4	325.5	335.0	325.4	330.1	403.7	405.7
80.0	197.8	207.2	214.1	225.4	225.4	228.7	218.1	218.4	290.9	281.9
82.5	137.5	137.9	146.9	156.5	156.1	154.3	143.4	139.6	178.3	186.3
85.0	77.44	81.99	86.66	94.85	94.00	95.81	89.58	88.36	112.9	128.9
87.5	39.60	39.29	38.89	41.98	41.49	46.09	44.34	46.88	66.78	71.53
90.0	36.37	36.10	36.00	35.70	35.74	35.74	36.13	36.24	36.68	36.86
92.5	37.54	37.28	37.19	36.86	36.89	36.89	37.26	37.41	37.16	37.24
95.0	38.88	38.65	38.52	38.21	38.22	38.22	38.58	38.76	38.33	38.40
97.5	40.31	40.10	39.92	39.63	39.61	39.65	39.98	40.20	39.59	39.67
100.0	41.84	41.62	41.43	41.15	41.10	41.17	41.48	41.72	40.94	40.98
102.5	43.43	43.21	43.00	42.70	42.68	42.70	43.06	43.30	42.34	42.37
105.0	45.04	44.81	44.60	44.28	44.26	44.29	44.63	44.90	43.77	43.78
107.5	46.69	46.45	46.22	45.90	45.89	45.88	46.23	46.52	45.25	45.25
110.0	48.30	48.05	47.82	47.50	47.51	47.49	47.82	48.12	46.72	46.72
112.5	49.94	49.67	49.44	49.10	49.16	49.06	49.40	49.72	48.17	48.21
115.0	51.51	51.24	50.99	50.66	50.78	50.60	50.91	51.26	49.61	49.67
117.5	52.99	52.77	52.51	52.20	52.37	52.11	52.41	52.73	51.02	51.09
120.0	54.44	54.18	53.95	53.69	53.87	53.55	53.81	54.14	52.41	52.50
122.5	55.83	55.56	55.37	55.12	55.32	54.97	55.17	55.47	53.78	53.90
125.0	57.11	56.90	56.70	56.53	56.74	56.36	56.43	56.74	55.11	55.27
127.5	58.35	58.16	57.97	57.90	58.11	57.70	57.65	57.94	56.44	56.60
130.0	59.49	59.42	59.26	59.24	59.45	59.02	58.87	59.06	57.74	57.89
132.5	60.58	60.61	60.51	60.54	60.71	60.26	59.98	60.11	59.03	59.18
135.0	61.65	61.78	61.77	61.83	61.94	61.48	61.15	61.18	60.33	60.42
137.5	62.68	62.97	63.00	63.09	63.14	62.67	62.26	62.21	61.66	61.67
140.0	63.80	64.14	64.26	64.34	64.38	63.86	63.42	63.30	63.02	62.96
142.5	65.03	65.36	65.57	65.58	65.62	65.06	64.62	64.46	64.48	64.27
145.0	66.30	66.66	66.89	66.87	66.87	66.28	65.88	65.68	65.97	65.68
147.5	67.68	68.03	68.25	68.17	68.23	67.58	67.18	67.01	67.55	67.18
150.0	69.17	69.56	69.66	69.59	69.62	68.98	68.61	68.43	69.21	68.78
152.5	70.81	71.16	71.18	71.16	71.12	70.48	70.15	69.98	70.98	70.45
155.0	72.50	72.78	72.84	72.79	72.72	72.12	71.81	71.60	72.83	72.17
157.5	74.26	74.48	74.54	74.44	74.40	73.79	73.52	73.31	74.73	73.92
160.0	76.09	76.24	76.19	76.15	76.03	75.49	75.28	75.12	76.67	75.70
162.5	77.96	78.08	77.88	77.81	77.63	77.21	77.03	76.89	78.55	77.43
165.0	79.80	79.81	79.48	79.37	79.13	78.86	78.72	78.63	80.35	79.14
167.5	81.48	81.34	80.90	80.81	80.54	80.33	80.34	80.19	82.04	80.70
170.0	83.05	82.71	82.24	82.08	81.86	81.66	81.64	81.67	83.60	82.15
172.5	84.42	83.86	83.32	83.20	82.88	82.76	82.86	83.02	84.94	83.46
175.0	85.62	84.70	84.16	84.01	83.70	83.71	83.80	84.16	85.80	84.38
177.5	86.43	85.27	84.83	84.67	84.43	84.52	84.65	84.99	86.57	85.03
180.0	86.82	85.39	85.03	84.97	84.84	84.91	85.06	85.41	86.84	85.38

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	6142	6142	6142	6142	6142	6142
2.5	6137	6135	6135	6135	6138	6134
5.0	6122	6122	6121	6116	6121	6124
7.5	6095	6093	6089	6089	6092	6097
10.0	6059	6051	6051	6047	6053	6058
12.5	6007	6000	5998	5995	6004	6008
15.0	5944	5933	5934	5933	5943	5944
17.5	5870	5856	5859	5857	5866	5873
20.0	5781	5769	5771	5772	5782	5786
22.5	5680	5671	5676	5674	5687	5689
25.0	5572	5559	5562	5561	5573	5578
27.5	5448	5435	5437	5440	5461	5457
30.0	5318	5303	5306	5304	5322	5327
32.5	5178	5157	5160	5157	5179	5188
35.0	5015	4993	4993	4997	5016	5028
37.5	4832	4804	4809	4813	4843	4847
40.0	4624	4590	4601	4608	4643	4647
42.5	4397	4356	4374	4380	4418	4423
45.0	4149	4110	4129	4130	4173	4184
47.5	3891	3849	3865	3864	3913	3928
50.0	3619	3574	3587	3586	3645	3661
52.5	3320	3266	3279	3282	3361	3375
55.0	2964	2909	2907	2942	3025	3069
57.5	2606	2513	2535	2559	2689	2729
60.0	2205	2128	2150	2170	2294	2335
62.5	1835	1773	1800	1806	1904	1938
65.0	1502	1451	1478	1475	1549	1575
67.5	1208	1186	1195	1203	1234	1275
70.0	953.0	921.7	941.8	929.9	958.5	976.0
72.5	740.9	715.4	728.3	711.6	728.3	736.4
75.0	561.4	541.7	544.9	528.9	537.4	535.2
77.5	414.1	395.4	395.3	380.3	384.7	375.2
80.0	307.2	279.3	294.4	264.5	279.2	249.9
82.5	200.5	194.8	193.7	180.1	173.9	160.3
85.0	137.2	134.4	132.4	123.4	114.4	102.6
87.5	79.31	74.15	74.01	66.64	65.71	58.48
90.0	37.01	36.80	36.62	36.62	36.58	36.46
92.5	37.13	37.23	37.14	37.29	37.24	37.30
95.0	38.25	38.39	38.30	38.46	38.41	38.45
97.5	39.50	39.63	39.55	39.74	39.67	39.72
100.0	40.84	40.99	40.93	41.07	41.01	41.07
102.5	42.24	42.37	42.34	42.48	42.43	42.45
105.0	43.67	43.77	43.79	43.88	43.87	43.86
107.5	45.14	45.24	45.27	45.36	45.34	45.31
110.0	46.60	46.73	46.78	46.84	46.80	46.78
112.5	48.08	48.16	48.29	48.29	48.25	48.23
115.0	49.52	49.63	49.81	49.75	49.67	49.67
117.5	50.95	51.06	51.33	51.17	51.08	51.08
120.0	52.35	52.53	52.84	52.62	52.46	52.45
122.5	53.74	53.98	54.30	54.03	53.81	53.80
125.0	55.09	55.43	55.77	55.49	55.18	55.14
127.5	56.44	56.88	57.20	56.93	56.55	56.46
130.0	57.75	58.31	58.62	58.41	57.92	57.80
132.5	59.07	59.75	60.07	59.88	59.32	59.13
135.0	60.43	61.16	61.48	61.36	60.73	60.48
137.5	61.76	62.50	62.89	62.76	62.15	61.83
140.0	63.08	63.86	64.26	64.19	63.58	63.20
142.5	64.47	65.21	65.64	65.63	65.04	64.62
145.0	65.85	66.57	67.03	67.00	66.51	66.13
147.5	67.30	67.96	68.46	68.50	68.04	67.67
150.0	68.80	69.40	69.93	70.00	69.62	69.32
152.5	70.38	70.98	71.49	71.60	71.30	71.03
155.0	72.05	72.63	73.08	73.26	73.02	72.85
157.5	73.82	74.26	74.68	74.96	74.80	74.70
160.0	75.60	75.97	76.31	76.58	76.55	76.53
162.5	77.33	77.62	77.94	78.21	78.34	78.33
165.0	79.00	79.24	79.48	79.73	79.97	80.09
167.5	80.52	80.71	80.88	81.10	81.39	81.69
170.0	81.93	81.98	82.07	82.40	82.58	82.98
172.5	83.17	83.11	83.06	83.35	83.59	84.00
175.0	84.18	84.02	83.95	84.11	84.41	84.78
177.5	84.86	84.66	84.64	84.63	84.93	85.27
180.0	85.05	84.97	84.86	84.91	85.06	85.40

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: