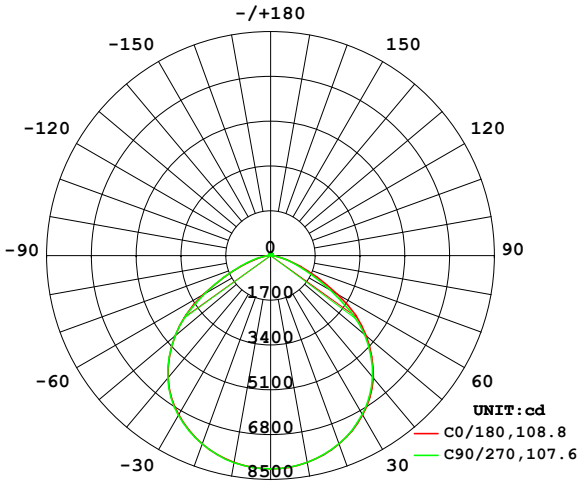
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

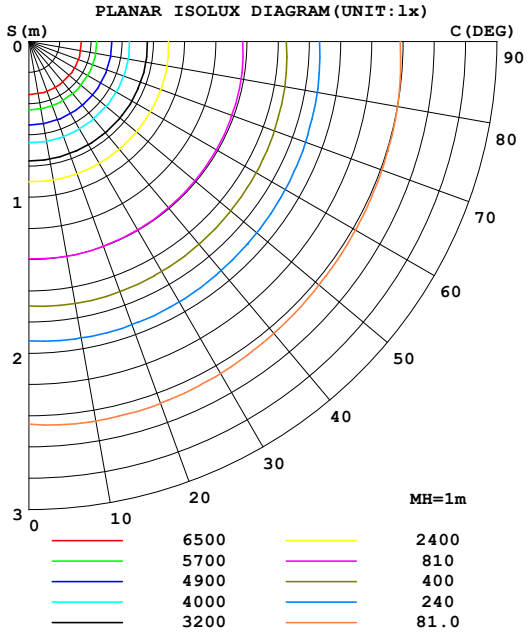
DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.56 lm/W			
MODEL	SS-PT01-150W	Imax(cd)	8099	S/MH(C0/180)	1.28
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	21333	η UP,DN(C0-180)	1.1,48.3
NOMINAL FLUX(lm)	21332.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.6
LAMPS INSIDE	1	η up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	97.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):108.2 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	7977	7984	7974	7954	7976	7975	7983	7996	0- 10	767.3	767.3	3.6,3.6
20	7607	7614	7598	7561	7604	7603	7610	7646	10- 20	2209	2976	13.9,13.9
30	6992	6993	6966	6912	6977	6986	7002	7046	20- 30	3377	6353	29.8,29.8
40	6069	6086	6024	5947	6061	6067	6074	6145	30- 40	4105	10458	49,49
50	4744	4746	4645	4533	4739	4760	4737	4807	40- 50	4178	14637	68.6,68.6
60	2926	2913	2599	2524	2932	3001	2882	2961	50- 60	3418	18054	84.6,84.6
70	1216	1175	1054	1050	1196	1287	1237	1301	60- 70	1920	19974	93.6,93.6
80	306.8	277.2	291.4	279.5	322.5	349.8	379.9	387.5	70- 80	736.5	20710	97.1,97.1
90	47.65	47.53	47.47	47.89	48.10	48.60	48.74	49.64	80- 90	170.2	20881	97.9,97.9
100	54.65	54.60	54.54	55.04	54.49	54.63	54.19	53.68	90-100	55.63	20936	98.1,98.1
110	63.16	63.05	63.02	63.41	62.19	62.33	61.83	61.21	100-110	61.81	20998	98.4,98.4
120	71.41	71.16	71.42	71.37	69.85	69.92	69.80	68.89	110-120	65.98	21064	98.7,98.7
130	78.26	78.18	78.78	78.04	77.11	76.99	77.49	76.26	120-130	66.39	21131	99.1,99.1
140	83.97	84.72	85.39	84.09	84.13	83.92	84.88	83.69	130-140	62.65	21193	99.3,99.3
150	90.81	92.03	92.12	90.80	92.16	91.72	92.48	91.59	140-150	55.11	21248	99.6,99.6
160	100.0	100.7	100.4	99.48	101.8	100.8	101.1	100.7	150-160	44.32	21293	99.8,99.8
170	109.3	108.7	108.1	107.9	110.6	108.8	108.9	108.8	160-170	29.61	21322	100,100
180	114.4	112.5	112.2	112.3	114.5	112.5	112.3	112.4	170-180	10.56	21333	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 12586 lm

%lum = 59.0%
%lamp = 59.0%

Conical surface Flux(130deg): 19199 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

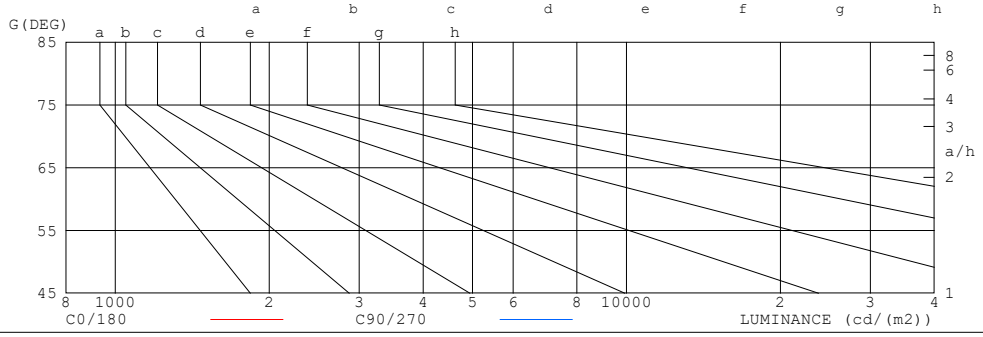
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz **UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm**		
NAME: SS-PT01-150/120/100/80/70W	**TYPE: SS-PT01-150W**	**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	49356	46448
80	56405	53430
75	80594	73210
70	113538	98147
65	147057	128574
60	186822	165460
55	219555	206069
50	235637	230039
45	245608	242668

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:

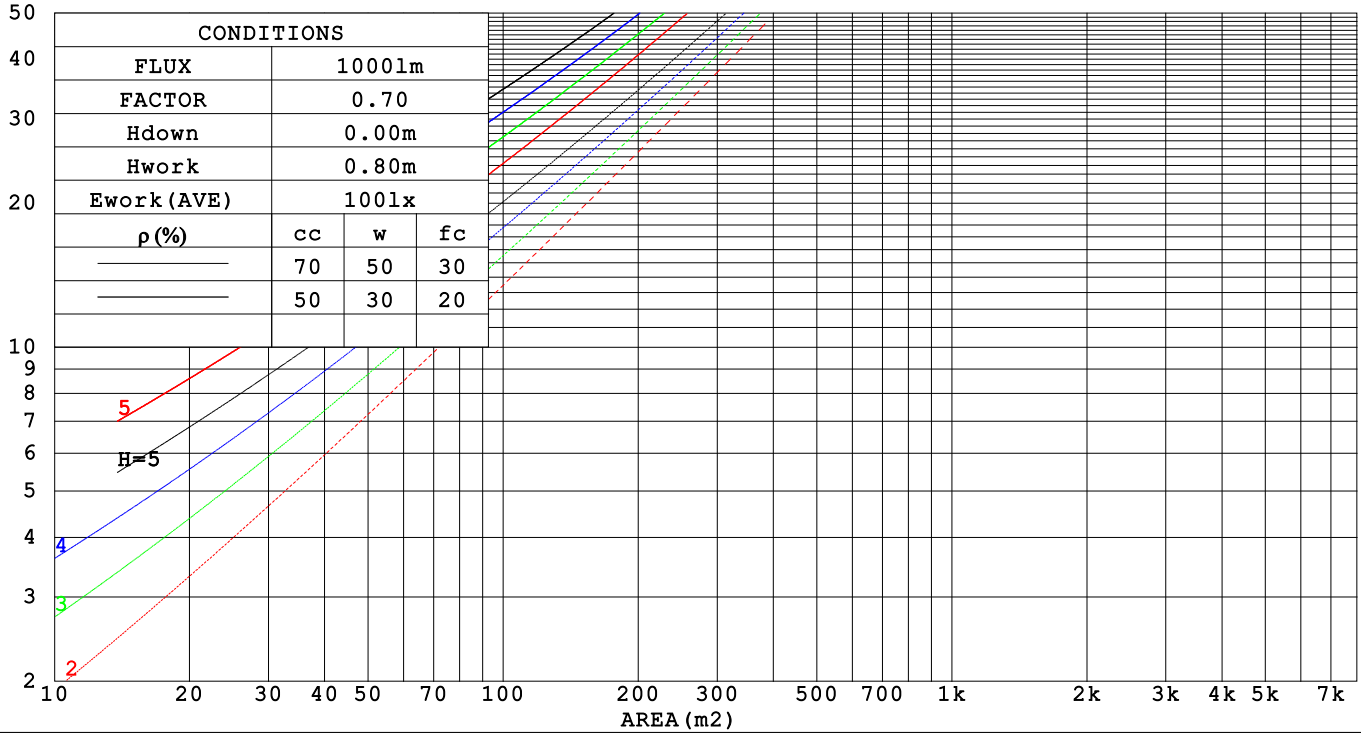
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.05	1.02	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.90	.88	.87	.85
2.0	.93	.87	.82	.91	.85	.80	.87	.82	.78	.84	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.71	.67	.74	.69	.65	.72	.67	.64	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.66	.57	.51	.64	.56	.51	.62	.55	.50	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



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

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

WEC AND CCEC

Test:U:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.273	.155	.049	.265	.151	.048	.251	.144	.046	.238	.137	.044	.226	.131	.042	
2.0	.263	.144	.044	.256	.141	.044	.244	.136	.042	.232	.130	.041	.222	.125	.040	
3.0	.248	.132	.040	.242	.130	.039	.231	.125	.038	.221	.121	.037	.211	.117	.036	
4.0	.232	.121	.035	.227	.119	.035	.217	.115	.034	.208	.112	.034	.199	.108	.033	
5.0	.217	.111	.032	.212	.109	.032	.203	.106	.031	.195	.103	.031	.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	.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	.045	.088	.056	.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:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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	31.4	32.8	31.7	33.0	33.3	31.1	32.5	31.4	32.7	33.0
3H	32.0	33.3	32.3	33.6	33.8	31.6	32.9	31.9	33.2	33.4
4H	32.1	33.3	32.5	33.6	33.9	31.7	32.9	32.0	33.2	33.5
6H	32.1	33.3	32.5	33.6	33.9	31.7	32.9	32.1	33.2	33.5
8H	32.1	33.2	32.5	33.5	33.9	31.7	32.8	32.1	33.1	33.5
12H	32.1	33.2	32.5	33.5	33.8	31.7	32.7	32.1	33.1	33.4
4H 2H	31.7	32.9	32.0	33.2	33.5	31.4	32.6	31.8	32.9	33.2
3H	32.4	33.5	32.8	33.8	34.1	32.1	33.1	32.4	33.4	33.8
4H	32.6	33.6	33.0	33.9	34.3	32.2	33.2	32.6	33.5	33.9
6H	32.7	33.5	33.1	33.9	34.3	32.3	33.1	32.7	33.5	33.9
8H	32.7	33.5	33.1	33.9	34.3	32.3	33.1	32.7	33.5	33.9
12H	32.7	33.4	33.1	33.8	34.2	32.3	33.0	32.8	33.4	33.9
8H 4H	32.6	33.4	33.0	33.8	34.2	32.2	33.0	32.7	33.4	33.8
6H	32.7	33.4	33.2	33.8	34.3	32.4	33.0	32.8	33.4	33.9
8H	32.7	33.3	33.2	33.8	34.3	32.4	33.0	32.9	33.4	33.9
12H	32.8	33.2	33.3	33.7	34.2	32.4	32.9	32.9	33.4	33.9
12H 4H	32.5	33.3	33.0	33.7	34.1	32.2	32.9	32.7	33.3	33.8
6H	32.7	33.3	33.2	33.7	34.2	32.3	32.9	32.8	33.4	33.9
8H	32.7	33.2	33.2	33.7	34.2	32.4	32.9	32.9	33.4	33.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.5				
1.5H	+ 0.4 / - 0.7					+ 0.4 / - 0.7				
2.0H	+ 0.7 / - 0.9					+ 0.9 / - 1.1				

CIE Pub.117, 21333 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.6)
Area: 0.0314 m2

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

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

UTILIZATION FACTORS TABLE

Test:U:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

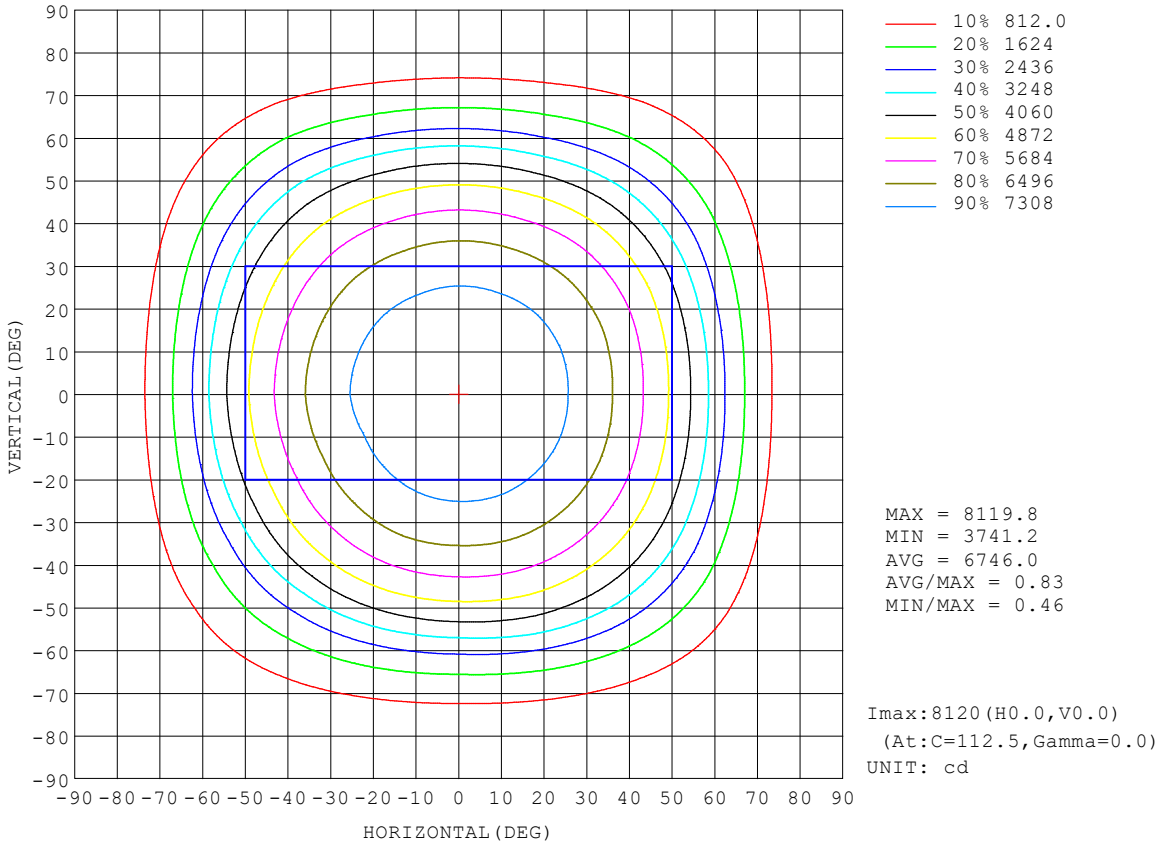
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	42	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	58	51	45
1.00	79	68	62	77	68	61	75	69	61	54
1.25	86	76	70	84	75	69	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:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:



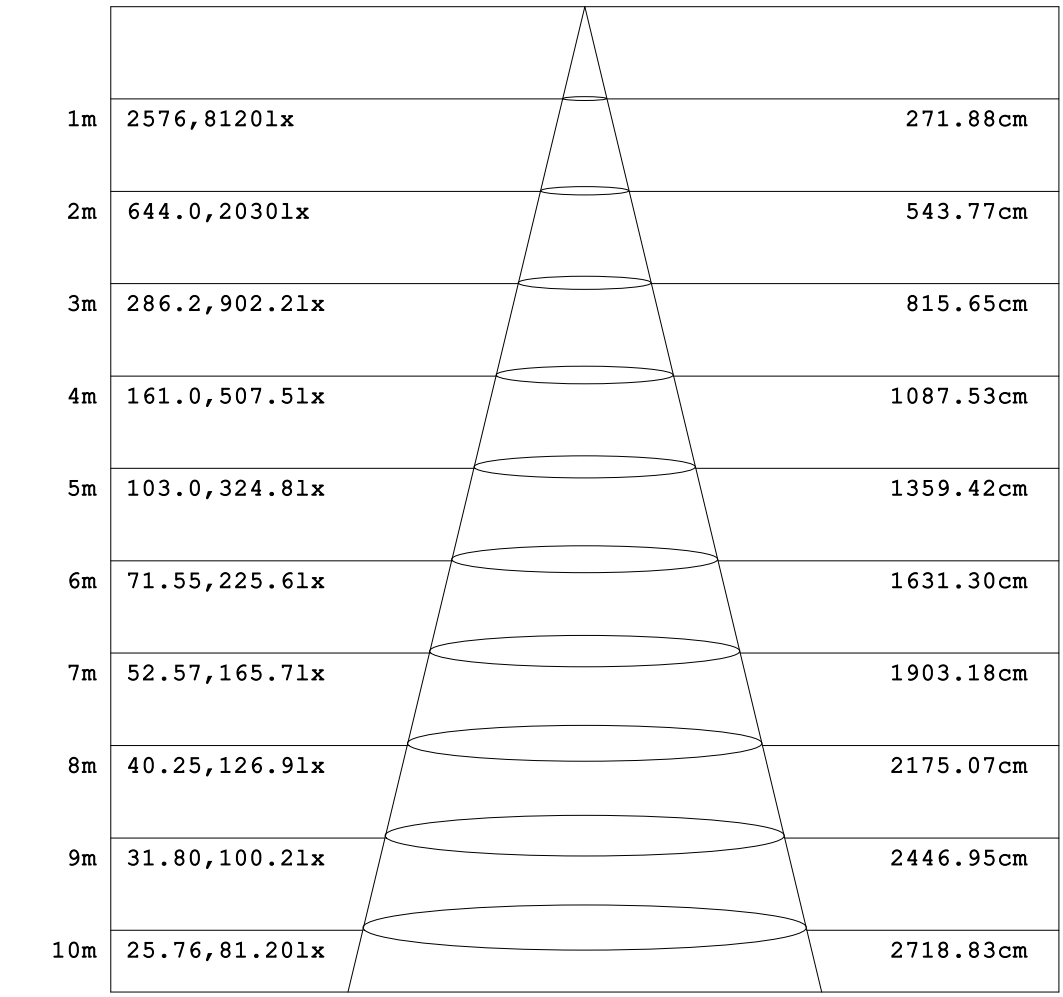
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

Flux out:16505 lm



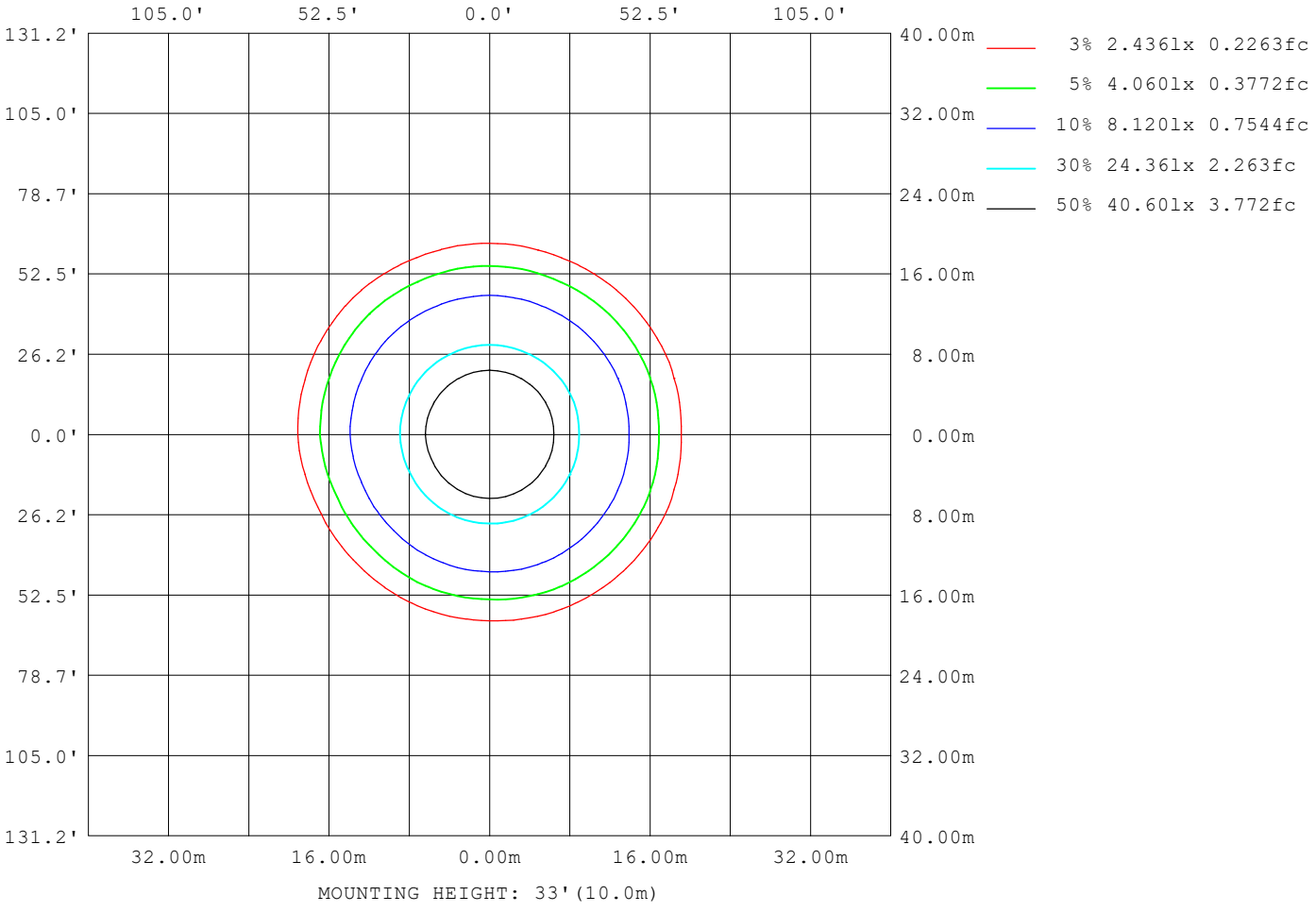
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	WEIGHT:
SPEC.: 100~277V	DIM.: 0.36	SERIAL No.:
MFR.:	SUR.: 0.2	Shielding Angle:

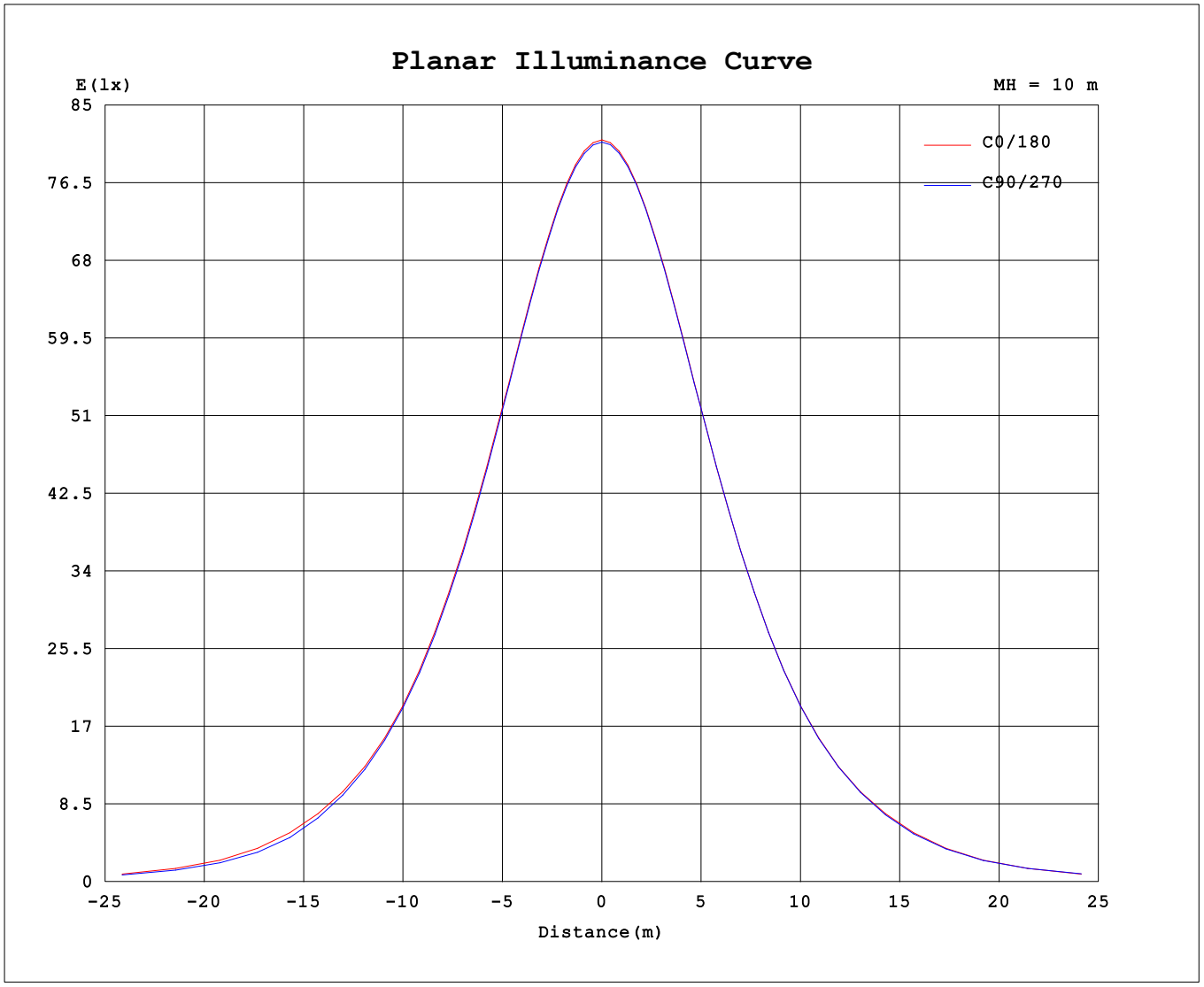
AvgL	cd/m2
L_0~180(65)av	146696
L_0~180(75)av	81302
L_0~180(85)av	49459
L_90~270(65)av	137716
L_90~270(75)av	81536
L_90~270(85)av	56094
L_45(65)av	144694
L_45(75)av	82157
L_45(85)av	52013

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:119.92V I:1.2192A P:145.55W PF:0.9955 Freq:60.01Hz UTHDi:0.78% ITHDi:5.13% KDisp:1.000 Lamp Flux:21332.8x1 lm		
NAME: SS-PT01-150/120/100/80/70W	TYPE: SS-PT01-150W	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	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099			
5	8071	8073	8073	8074	8067	8063	8056	8052	8067	8067	8068	8068	8070	8072	8080	8077			
10	7977	7987	7984	7986	7974	7970	7954	7949	7976	7967	7975	7972	7983	7985	7996	7998			
15	7819	7838	7831	7833	7817	7807	7789	7779	7820	7816	7823	7816	7826	7828	7852	7857			
20	7607	7617	7614	7619	7598	7588	7561	7555	7604	7593	7603	7596	7610	7616	7646	7652			
25	7329	7341	7332	7334	7316	7304	7274	7260	7320	7314	7322	7314	7334	7341	7379	7386			
30	6992	7006	6993	6994	6966	6958	6912	6906	6977	6973	6986	6972	7002	7008	7046	7060			
35	6577	6597	6579	6581	6538	6540	6487	6480	6569	6563	6576	6559	6589	6602	6644	6662			
40	6069	6091	6086	6074	6024	6006	5947	5948	6061	6052	6067	6052	6074	6081	6145	6164			
45	5439	5471	5457	5455	5390	5357	5297	5293	5441	5433	5450	5425	5445	5447	5524	5552			
50	4744	4774	4746	4737	4645	4603	4533	4566	4739	4736	4760	4721	4737	4737	4807	4842			
55	3944	3980	3931	3881	3713	3634	3558	3660	3942	3950	3977	3895	3895	3872	3967	4022			
60	2926	2998	2913	2778	2599	2566	2524	2604	2932	2979	3001	2875	2882	2837	2961	3008			
65	1947	2006	1916	1815	1707	1714	1690	1734	1947	2012	2044	1948	1948	1944	2031	2060			
70	1216	1218	1175	1106	1054	1061	1050	1061	1196	1268	1287	1256	1237	1264	1301	1326			
75	653	649	612	613	595	593	578	585	668	680	722	710	730	726	758	745			
80	307	319	277	314	291	312	280	298	322	323	350	360	380	376	388	375			
85	135	117	117	117	127	121	121	113	136	141	145	162	180	181	185	171			
90	47.6	47.4	47.5	47.4	47.5	47.5	47.9	48.1	48.1	48.5	48.6	48.7	48.7	48.9	49.6	48.8			
95	50.8	50.7	50.8	50.6	50.7	50.8	51.2	51.4	51.0	51.2	51.1	51.1	50.8	50.6	50.3	50.3			
100	54.6	54.6	54.6	54.4	54.5	54.6	55.0	55.3	54.5	54.7	54.6	54.5	54.2	54.0	53.7	53.6			
105	58.8	58.7	58.8	58.6	58.7	58.7	59.2	59.5	58.3	58.5	58.4	58.3	57.9	57.7	57.4	57.3			
110	63.2	63.0	63.0	62.8	63.0	62.9	63.4	63.8	62.2	62.5	62.3	62.2	61.8	61.5	61.2	61.2			
115	67.4	67.3	67.2	67.0	67.3	67.1	67.5	67.9	66.1	66.3	66.2	66.0	65.8	65.4	65.1	65.0			
120	71.4	71.3	71.2	71.0	71.4	71.0	71.4	71.8	69.8	70.1	69.9	69.8	69.8	69.2	68.9	68.8			
125	75.0	74.9	74.8	74.8	75.2	74.7	74.8	75.3	73.5	73.7	73.5	73.5	73.7	73.0	72.6	72.5			
130	78.3	78.3	78.2	78.4	78.8	78.3	78.0	78.4	77.1	77.2	77.0	77.2	77.5	76.8	76.3	76.1			
135	81.1	81.3	81.4	81.9	82.1	81.6	81.1	81.2	80.6	80.6	80.4	81.0	81.3	80.7	80.0	79.7			
140	84.0	84.4	84.7	85.3	85.4	84.8	84.1	83.9	84.1	83.9	83.9	84.5	84.9	84.5	83.7	83.3			
145	87.1	87.7	88.2	88.6	88.6	87.9	87.3	86.9	87.9	87.5	87.6	88.2	88.5	88.2	87.5	87.0			
150	90.8	91.6	92.0	92.2	92.1	91.4	90.8	90.5	92.2	91.6	91.7	92.1	92.5	92.2	91.6	91.1			
155	95.2	95.9	96.2	96.3	96.1	95.3	94.9	94.7	96.9	96.1	96.2	96.5	96.7	96.6	96.1	95.7			
160	100	101	101	101	100	99.7	99.5	99.3	102	101	101	101	101	101	101	101			
165	105	105	105	105	105	104	104	104	107	105	105	105	105	105	105	105			
170	109	109	109	108	108	108	108	108	111	109	109	109	109	109	109	109			
175	113	112	111	111	111	111	111	111	113	112	111	111	111	111	111	112			
180	114	113	112	112	112	112	112	113	115	113	113	112	112	112	112	113			

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	8099	8099	8099	8099	8099	8099	8099	8099	8099	8099
2.5	8092	8094	8094	8092	8090	8086	8084	8081	8092	8091
5.0	8071	8073	8073	8074	8067	8063	8056	8052	8067	8067
7.5	8031	8037	8040	8036	8028	8020	8012	8009	8030	8025
10.0	7977	7987	7984	7986	7974	7970	7954	7949	7976	7967
12.5	7907	7917	7914	7917	7904	7897	7878	7869	7904	7903
15.0	7819	7838	7831	7833	7817	7807	7789	7779	7820	7816
17.5	7720	7736	7730	7733	7715	7704	7678	7671	7720	7716
20.0	7607	7617	7614	7619	7598	7588	7561	7555	7604	7593
22.5	7476	7489	7483	7484	7467	7451	7428	7417	7473	7462
25.0	7329	7341	7332	7334	7316	7304	7274	7260	7320	7314
27.5	7172	7181	7173	7171	7145	7137	7098	7092	7154	7153
30.0	6992	7006	6993	6994	6966	6958	6912	6906	6977	6973
32.5	6796	6812	6798	6796	6763	6761	6710	6701	6788	6773
35.0	6577	6597	6579	6581	6538	6540	6487	6480	6569	6563
37.5	6343	6356	6350	6343	6297	6287	6236	6232	6328	6320
40.0	6069	6091	6086	6074	6024	6006	5947	5948	6061	6052
42.5	5767	5794	5787	5780	5719	5694	5636	5635	5762	5749
45.0	5439	5471	5457	5455	5390	5357	5297	5293	5441	5433
47.5	5099	5131	5110	5108	5031	4994	4932	4944	5102	5088
50.0	4744	4774	4746	4737	4645	4603	4533	4566	4739	4736
52.5	4361	4398	4359	4336	4216	4162	4083	4138	4357	4361
55.0	3944	3980	3931	3881	3713	3634	3558	3660	3942	3950
57.5	3459	3515	3439	3354	3134	3100	3011	3132	3456	3493
60.0	2926	2998	2913	2778	2599	2566	2524	2604	2932	2979
62.5	2405	2481	2385	2262	2121	2113	2077	2141	2409	2473
65.0	1947	2006	1916	1815	1707	1714	1690	1734	1947	2012
67.5	1537	1585	1497	1431	1348	1363	1345	1371	1543	1602
70.0	1216	1218	1175	1106	1054	1061	1050	1061	1196	1268
72.5	896.2	903.7	852.5	833.5	805.3	805.1	793.3	799.8	907.8	934.8
75.0	653.3	648.6	612.2	612.9	595.2	593.5	578.0	585.5	668.2	680.0
77.5	459.2	449.0	422.0	432.4	423.7	422.5	406.7	410.4	476.2	479.6
80.0	306.8	318.7	277.2	313.7	291.4	312.4	279.5	298.1	322.5	323.0
82.5	200.8	188.6	180.5	195.2	201.0	202.5	192.5	185.8	210.2	207.1
85.0	134.7	117.1	117.4	116.5	127.2	121.3	121.5	112.8	136.0	140.8
87.5	68.78	63.27	54.47	55.63	53.37	53.32	50.54	53.30	74.02	74.59
90.0	47.65	47.45	47.53	47.36	47.47	47.50	47.89	48.15	48.10	48.47
92.5	49.03	48.96	49.00	48.89	48.94	49.03	49.38	49.70	49.45	49.65
95.0	50.79	50.71	50.75	50.62	50.69	50.77	51.16	51.45	51.01	51.22
97.5	52.66	52.56	52.62	52.48	52.56	52.62	53.05	53.34	52.71	52.93
100.0	54.65	54.57	54.60	54.45	54.54	54.60	55.04	55.33	54.49	54.72
102.5	56.74	56.62	56.66	56.50	56.62	56.65	57.10	57.41	56.36	56.62
105.0	58.85	58.73	58.77	58.58	58.71	58.73	59.19	59.52	58.27	58.53
107.5	61.02	60.89	60.92	60.73	60.88	60.84	61.32	61.65	60.23	60.51
110.0	63.16	63.02	63.05	62.83	63.02	62.94	63.41	63.79	62.19	62.46
112.5	65.34	65.19	65.17	64.94	65.21	65.03	65.52	65.89	64.13	64.41
115.0	67.43	67.27	67.22	67.00	67.34	67.07	67.52	67.91	66.08	66.33
117.5	69.47	69.31	69.24	69.02	69.43	69.05	69.50	69.90	67.96	68.23
120.0	71.41	71.27	71.16	70.98	71.42	71.01	71.37	71.80	69.85	70.09
122.5	73.27	73.14	73.01	72.88	73.34	72.90	73.16	73.61	71.68	71.89
125.0	75.03	74.93	74.78	74.75	75.21	74.73	74.85	75.31	73.51	73.71
127.5	76.67	76.63	76.49	76.55	77.02	76.51	76.46	76.88	75.33	75.48
130.0	78.26	78.28	78.18	78.38	78.78	78.27	78.04	78.38	77.11	77.22
132.5	79.74	79.84	79.80	80.16	80.47	79.96	79.55	79.78	78.85	78.92
135.0	81.14	81.34	81.42	81.89	82.14	81.63	81.08	81.15	80.57	80.57
137.5	82.51	82.86	83.03	83.60	83.77	83.21	82.57	82.48	82.33	82.25
140.0	83.97	84.41	84.72	85.26	85.39	84.78	84.09	83.89	84.13	83.93
142.5	85.46	86.01	86.42	86.91	86.99	86.34	85.63	85.30	85.97	85.67
145.0	87.11	87.74	88.17	88.59	88.62	87.90	87.26	86.88	87.94	87.51
147.5	88.89	89.59	90.04	90.34	90.33	89.56	88.99	88.61	90.02	89.47
150.0	90.81	91.60	92.03	92.21	92.12	91.35	90.80	90.49	92.16	91.60
152.5	92.95	93.74	94.11	94.17	94.04	93.28	92.78	92.50	94.49	93.83
155.0	95.18	95.94	96.25	96.30	96.09	95.33	94.90	94.68	96.90	96.09
157.5	97.56	98.31	98.49	98.46	98.26	97.49	97.18	96.97	99.36	98.41
160.0	100.0	100.6	100.7	100.7	100.4	99.67	99.48	99.30	101.8	100.7
162.5	102.5	103.0	102.9	102.8	102.5	101.9	101.8	101.6	104.2	103.0
165.0	104.9	105.2	105.1	104.9	104.6	104.1	104.0	103.9	106.5	105.1
167.5	107.2	107.3	107.0	106.7	106.4	106.1	106.0	106.1	108.6	107.0
170.0	109.3	109.1	108.7	108.4	108.1	107.9	107.9	108.1	110.6	108.8
172.5	111.2	110.7	110.2	109.9	109.5	109.4	109.5	109.8	112.3	110.5
175.0	112.8	111.8	111.3	111.0	110.7	110.7	110.9	111.2	113.5	111.6
177.5	113.9	112.7	112.2	111.8	111.7	111.8	111.9	112.3	114.3	112.5
180.0	114.4	113.0	112.5	112.3	112.2	112.3	112.3	112.8	114.5	112.9

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	8099	8099	8099	8099	8099	8099
2.5	8092	8090	8092	8092	8097	8095
5.0	8068	8068	8070	8072	8080	8077
7.5	8029	8031	8031	8035	8042	8043
10.0	7975	7972	7983	7985	7996	7998
12.5	7905	7902	7912	7915	7934	7931
15.0	7823	7816	7826	7828	7852	7857
17.5	7722	7714	7726	7730	7757	7762
20.0	7603	7596	7610	7616	7646	7652
22.5	7472	7460	7480	7488	7521	7528
25.0	7322	7314	7334	7341	7379	7386
27.5	7162	7150	7175	7183	7220	7228
30.0	6986	6972	7002	7008	7046	7060
32.5	6789	6772	6812	6816	6857	6871
35.0	6576	6559	6589	6602	6644	6662
37.5	6336	6320	6347	6355	6410	6429
40.0	6067	6052	6074	6081	6145	6164
42.5	5767	5749	5771	5774	5850	5874
45.0	5450	5425	5445	5447	5524	5552
47.5	5112	5083	5098	5099	5173	5208
50.0	4760	4721	4737	4737	4807	4842
52.5	4383	4326	4341	4335	4412	4451
55.0	3977	3895	3895	3872	3967	4022
57.5	3507	3396	3383	3352	3456	3534
60.0	3001	2875	2882	2837	2961	3008
62.5	2496	2388	2382	2367	2465	2515
65.0	2044	1948	1948	1944	2031	2060
67.5	1645	1564	1568	1568	1645	1654
70.0	1287	1256	1237	1264	1301	1326
72.5	981.9	948.5	962.0	959.8	1009	998.8
75.0	722.0	710.3	730.1	725.7	758.5	745.3
77.5	513.6	517.6	538.9	531.4	551.3	538.9
80.0	349.8	359.7	379.9	376.4	387.5	374.6
82.5	225.9	241.5	279.8	263.1	286.4	253.5
85.0	145.1	162.3	179.9	180.8	185.3	171.0
87.5	84.24	91.21	103.0	114.8	108.2	99.41
90.0	48.60	48.72	48.74	48.93	49.64	48.77
92.5	49.59	49.51	49.24	49.07	48.83	48.80
95.0	51.14	51.07	50.77	50.57	50.32	50.26
97.5	52.85	52.75	52.45	52.23	51.98	51.92
100.0	54.63	54.54	54.19	53.97	53.68	53.64
102.5	56.50	56.39	56.03	55.80	55.49	55.45
105.0	58.41	58.28	57.90	57.68	57.35	57.32
107.5	60.38	60.24	59.87	59.60	59.27	59.24
110.0	62.33	62.19	61.83	61.54	61.21	61.19
112.5	64.28	64.12	63.83	63.45	63.12	63.11
115.0	66.23	66.04	65.84	65.39	65.06	65.05
117.5	68.08	67.91	67.83	67.29	66.95	66.91
120.0	69.92	69.77	69.80	69.21	68.89	68.82
122.5	71.72	71.63	71.72	71.10	70.75	70.67
125.0	73.51	73.50	73.65	73.02	72.62	72.50
127.5	75.25	75.38	75.55	74.93	74.43	74.31
130.0	76.99	77.24	77.49	76.85	76.26	76.10
132.5	78.72	79.13	79.41	78.82	78.11	77.90
135.0	80.43	80.97	81.26	80.73	79.97	79.70
137.5	82.16	82.78	83.09	82.68	81.84	81.50
140.0	83.92	84.55	84.88	84.51	83.69	83.29
142.5	85.76	86.39	86.68	86.41	85.61	85.12
145.0	87.63	88.21	88.54	88.25	87.50	86.99
147.5	89.61	90.15	90.47	90.17	89.49	89.01
150.0	91.72	92.13	92.48	92.20	91.59	91.10
152.5	93.93	94.20	94.56	94.33	93.81	93.40
155.0	96.20	96.47	96.72	96.58	96.06	95.74
157.5	98.51	98.74	98.92	98.82	98.40	98.19
160.0	100.8	101.0	101.1	101.1	100.7	100.6
162.5	103.0	103.3	103.3	103.3	103.0	103.0
165.0	105.1	105.4	105.4	105.3	105.1	105.3
167.5	107.1	107.2	107.3	107.2	107.1	107.4
170.0	108.8	108.9	108.9	108.8	108.8	109.1
172.5	110.3	110.3	110.2	110.1	110.3	110.7
175.0	111.4	111.3	111.3	111.2	111.4	111.8
177.5	112.1	112.0	112.0	112.0	112.1	112.6
180.0	112.5	112.2	112.3	112.3	112.4	112.8

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: