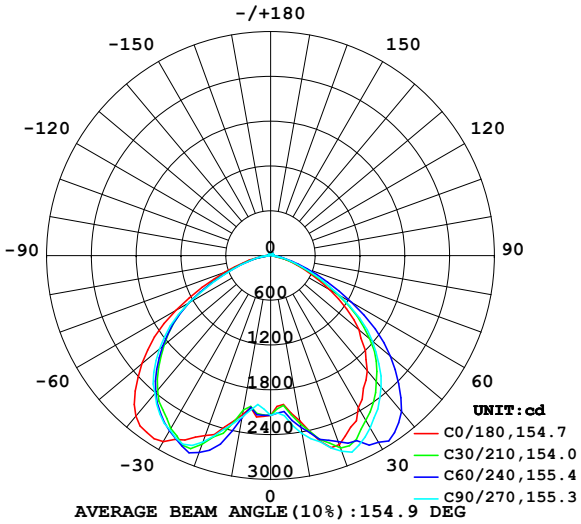
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

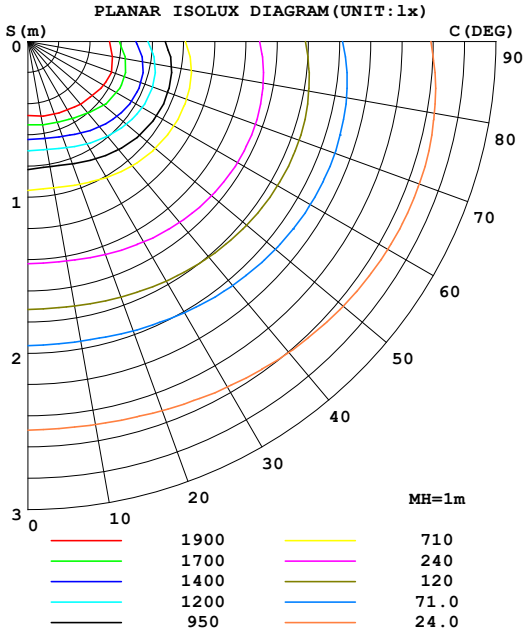
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 142.29 lm/W	
MODEL	PT01-60 50 40 30 20W-TCP	Imax(cd)	3001	S/MH(C0/180)	1.76
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.66
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	8318.0	η UP,DN(C0-180)	1.2,46.9
NOMINAL FLUX(lm)	8317.97	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.5
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	97.4	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(10%):154.9 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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	2246	2310	2416	2415	2160	2153	2197	2188	0- 10	206.4	206.4	2.48,2.48
20	2695	2698	2789	2862	2563	2749	2656	2545	10- 20	715.6	922.0	11.1,11.1
30	2353	2718	2667	2734	2875	2693	2698	2754	20- 30	1266	2188	26.3,26.3
40	2017	2464	2303	2380	2807	2377	2412	2543	30- 40	1619	3807	45.8,45.8
50	1544	1911	1782	1861	2252	1872	1942	2003	40- 50	1680	5487	66,66
60	918.6	1145	1063	1109	1464	1262	1259	1217	50- 60	1395	6882	82.7,82.7
70	382.4	472.5	453.2	483.0	649.1	557.7	538.1	533.0	60- 70	810.7	7693	92.5,92.5
80	109.8	128.9	134.0	150.5	206.6	169.8	169.7	165.9	70- 80	326.3	8019	96.4,96.4
90	27.70	28.25	26.10	28.36	40.49	34.92	31.93	30.74	80- 90	86.20	8106	97.4,97.4
100	27.57	29.75	27.03	29.12	38.54	32.78	32.22	31.29	90-100	33.41	8139	97.8,97.8
110	29.10	30.49	30.02	30.67	37.43	33.15	32.59	33.12	100-110	33.28	8172	98.2,98.2
120	30.88	31.06	33.07	31.16	33.83	33.19	32.51	35.18	110-120	32.13	8204	98.6,98.6
130	32.14	32.81	33.87	32.31	34.34	34.11	34.19	37.09	120-130	29.79	8234	99,99
140	33.60	34.46	36.11	34.43	37.49	36.61	37.47	39.45	130-140	27.06	8261	99.3,99.3
150	36.55	36.51	35.25	34.88	34.61	38.17	41.25	42.32	140-150	23.11	8284	99.6,99.6
160	39.44	38.56	38.77	38.74	37.70	38.79	39.15	44.32	150-160	17.85	8302	99.8,99.8
170	42.35	41.68	42.60	41.84	40.94	41.48	43.13	44.75	160-170	11.64	8314	100,100
180	43.66	43.37	44.05	44.53	43.63	43.35	44.06	44.48	170-180	4.106	8318	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4661.7 lm

%lum = 56.0%
%lamp = 56.0%

Conical surface Flux(130deg): 7362.8 lm

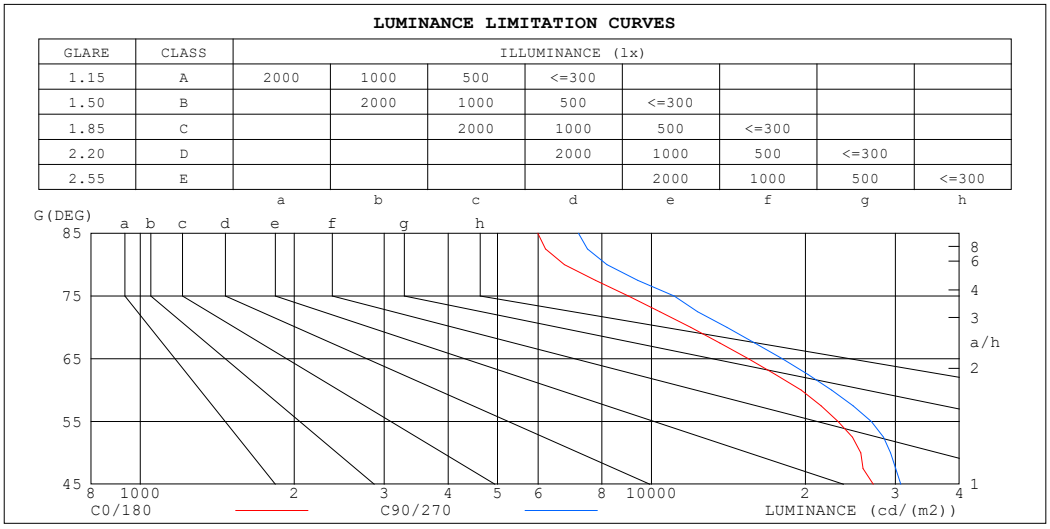
%lum = 88.5%
%lamp = 88.5%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5993	7194
80	6755	8181
75	9009	11076
70	11945	14043
65	15470	18043
60	19630	22520
55	23169	26925
50	25670	29371
45	27173	30758

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:

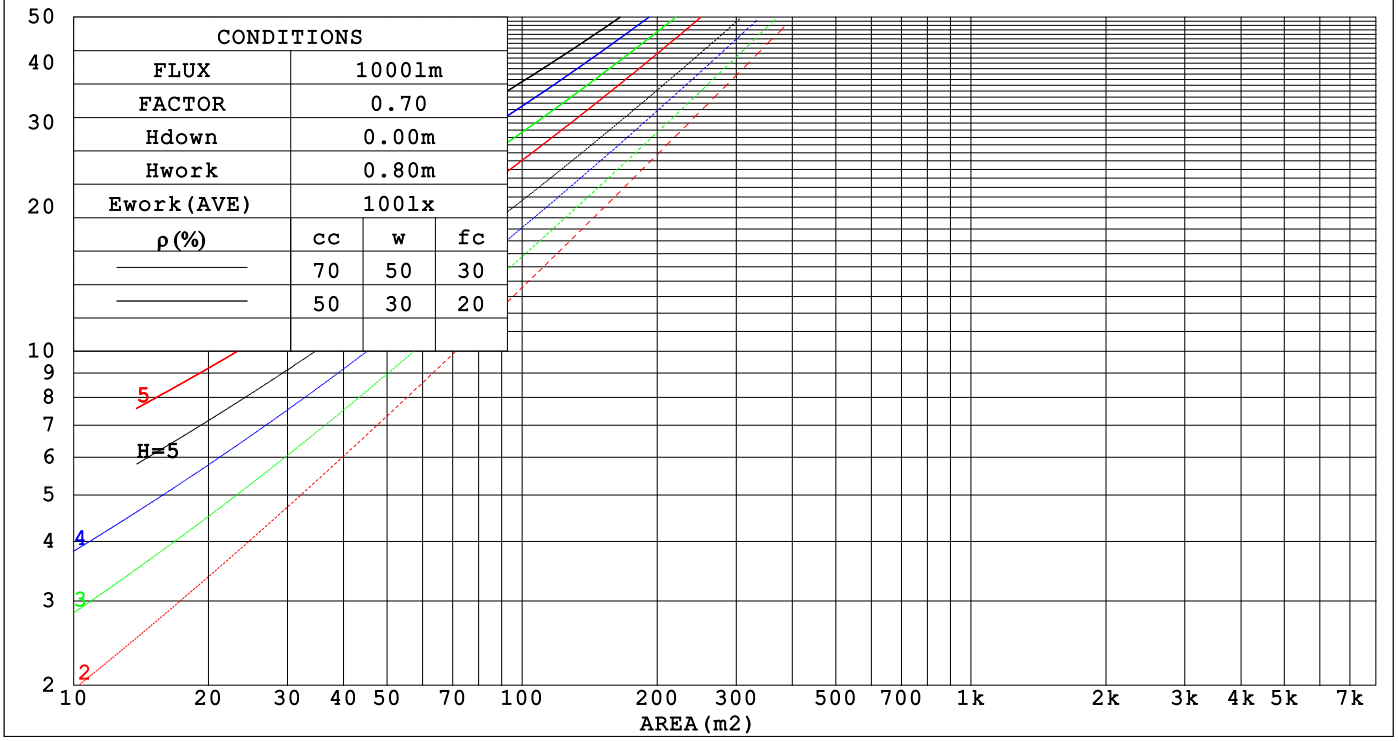
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.05	1.01	.97	1.02	.99	.95	.97	.95	.92	.93	.91	.89	.89	.87	.86	.83
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.82	.78	.75	.79	.76	.73	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.67	.61	.55	.65	.59	.54	.62	.57	.53	.51
5.0	.64	.55	.49	.63	.54	.48	.60	.53	.48	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.37	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	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	.283	.161	.051	.276	.157	.050	.261	.150	.048	.248	.143	.046	.235	.136	.044	
2.0	.272	.149	.046	.266	.146	.045	.253	.141	.044	.241	.135	.042	.230	.130	.041	
3.0	.256	.136	.041	.250	.134	.040	.239	.129	.039	.228	.125	.038	.218	.121	.037	
4.0	.239	.124	.037	.234	.122	.036	.224	.119	.035	.214	.115	.035	.205	.112	.034	
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.201	.106	.032	.193	.103	.031	
6.0	.209	.105	.030	.204	.103	.030	.196	.100	.029	.188	.098	.029	.181	.095	.028	
7.0	.195	.096	.027	.191	.095	.027	.184	.093	.027	.177	.091	.026	.170	.089	.026	
8.0	.183	.089	.025	.180	.088	.025	.173	.086	.025	.167	.084	.024	.161	.083	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.081	.023	.157	.079	.023	.152	.077	.022	
10.0	.162	.078	.022	.159	.077	.021	.154	.075	.021	.149	.074	.021	.144	.072	.021	

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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.198	.176	.156	.169	.151	.134	.116	.104	.093	.067	.060	.054	.021	.019	.017	
2.0	.189	.152	.120	.162	.131	.104	.111	.090	.072	.064	.053	.042	.021	.017	.014	
3.0	.182	.134	.096	.156	.116	.083	.107	.080	.058	.062	.047	.034	.020	.015	.011	
4.0	.174	.121	.080	.150	.104	.069	.103	.073	.049	.060	.043	.029	.019	.014	.009	
5.0	.167	.110	.068	.144	.095	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
6.0	.161	.102	.060	.138	.088	.052	.095	.062	.037	.055	.036	.022	.018	.012	.007	
7.0	.154	.095	.054	.133	.082	.047	.092	.058	.033	.053	.034	.020	.017	.011	.007	
8.0	.148	.089	.049	.127	.078	.043	.088	.054	.030	.051	.032	.018	.017	.011	.006	
9.0	.142	.085	.046	.123	.073	.040	.085	.052	.028	.049	.030	.017	.016	.010	.006	
10.0	.137	.080	.043	.118	.070	.037	.082	.049	.027	.048	.029	.016	.015	.010	.005	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	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	23.5	24.9	23.8	25.2	25.4	24.5	25.9	24.8	26.2	26.4
3H	24.0	25.4	24.4	25.6	25.9	25.0	26.4	25.4	26.7	26.9
4H	24.1	25.4	24.5	25.7	26.0	25.2	26.4	25.5	26.7	27.0
6H	24.2	25.3	24.5	25.7	26.0	25.2	26.4	25.6	26.7	27.0
8H	24.2	25.3	24.5	25.6	26.0	25.2	26.3	25.6	26.7	27.0
12H	24.1	25.2	24.5	25.6	25.9	25.2	26.3	25.6	26.6	27.0
4H 2H	24.0	25.2	24.3	25.5	25.8	24.7	26.0	25.1	26.3	26.6
3H	24.6	25.7	25.0	26.0	26.4	25.5	26.6	25.9	26.9	27.3
4H	24.8	25.8	25.2	26.1	26.5	25.7	26.7	26.1	27.0	27.4
6H	24.8	25.7	25.3	26.1	26.5	25.8	26.7	26.2	27.1	27.5
8H	24.9	25.7	25.3	26.1	26.5	25.8	26.6	26.3	27.0	27.5
12H	24.9	25.6	25.3	26.0	26.5	25.8	26.6	26.3	27.0	27.4
8H 4H	24.8	25.6	25.3	26.0	26.5	25.7	26.5	26.1	26.9	27.4
6H	25.0	25.6	25.4	26.1	26.6	25.9	26.5	26.3	27.0	27.5
8H	25.0	25.6	25.5	26.1	26.6	25.9	26.5	26.4	27.0	27.5
12H	25.0	25.5	25.5	26.0	26.5	26.0	26.5	26.5	26.9	27.5
12H 4H	24.8	25.5	25.3	26.0	26.4	25.7	26.4	26.1	26.8	27.3
6H	25.0	25.5	25.4	26.0	26.5	25.8	26.4	26.3	26.9	27.4
8H	25.0	25.5	25.5	26.0	26.5	25.9	26.4	26.4	26.9	27.4

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.4 / - 0.6	+ 0.4 / - 0.5
1.5H	+ 0.4 / - 0.9	+ 0.6 / - 0.9
2.0H	+ 0.6 / - 1.1	+ 0.7 / - 1.2

CIE Pub.117, 8318 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 7.4)
Area: 0.0944 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

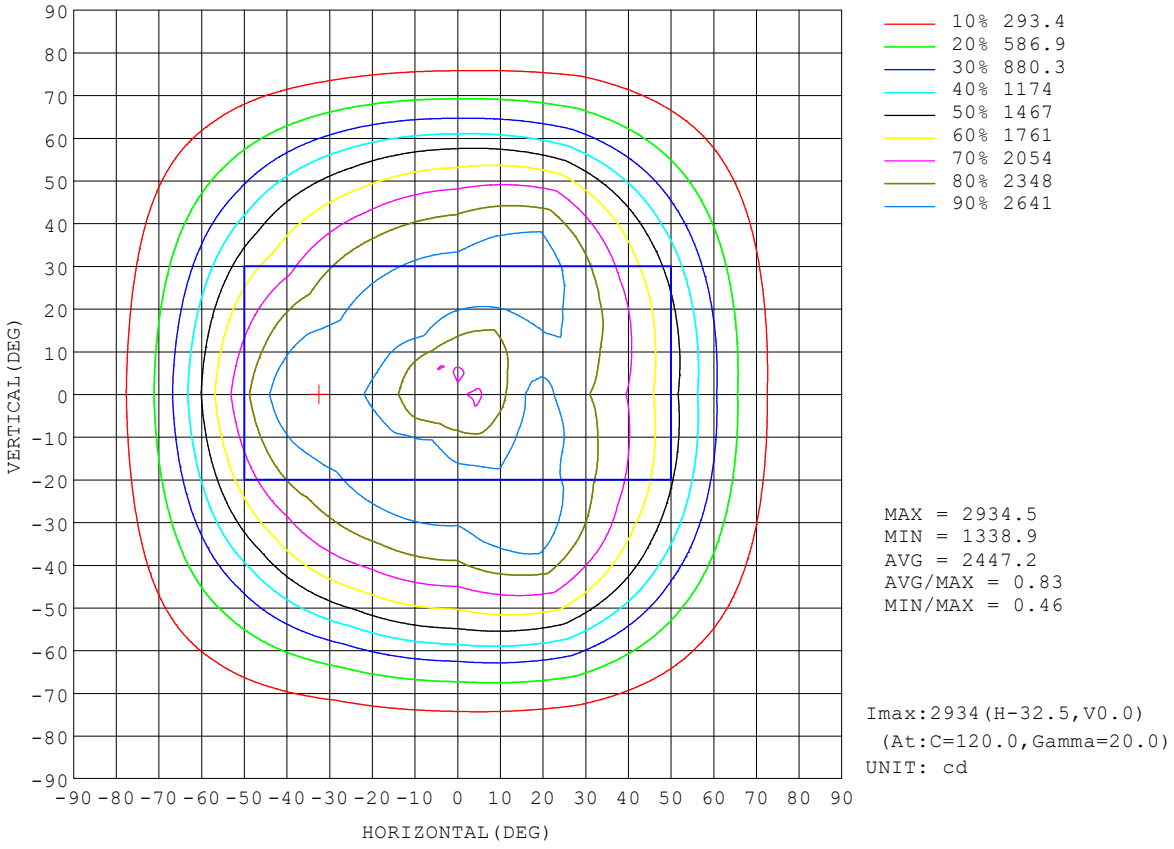
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	50	67	56	49	65	55	49	42
1.00	77	66	59	76	66	59	73	67	58	51
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	88	79	73	84	77	71	64
2.00	96	88	82	94	87	81	90	84	79	71
2.50	100	92	87	98	91	86	93	88	84	75
3.00	103	96	91	101	95	90	96	92	88	79
4.00	107	101	97	104	99	95	99	96	92	83
5.00	109	104	100	106	102	99	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
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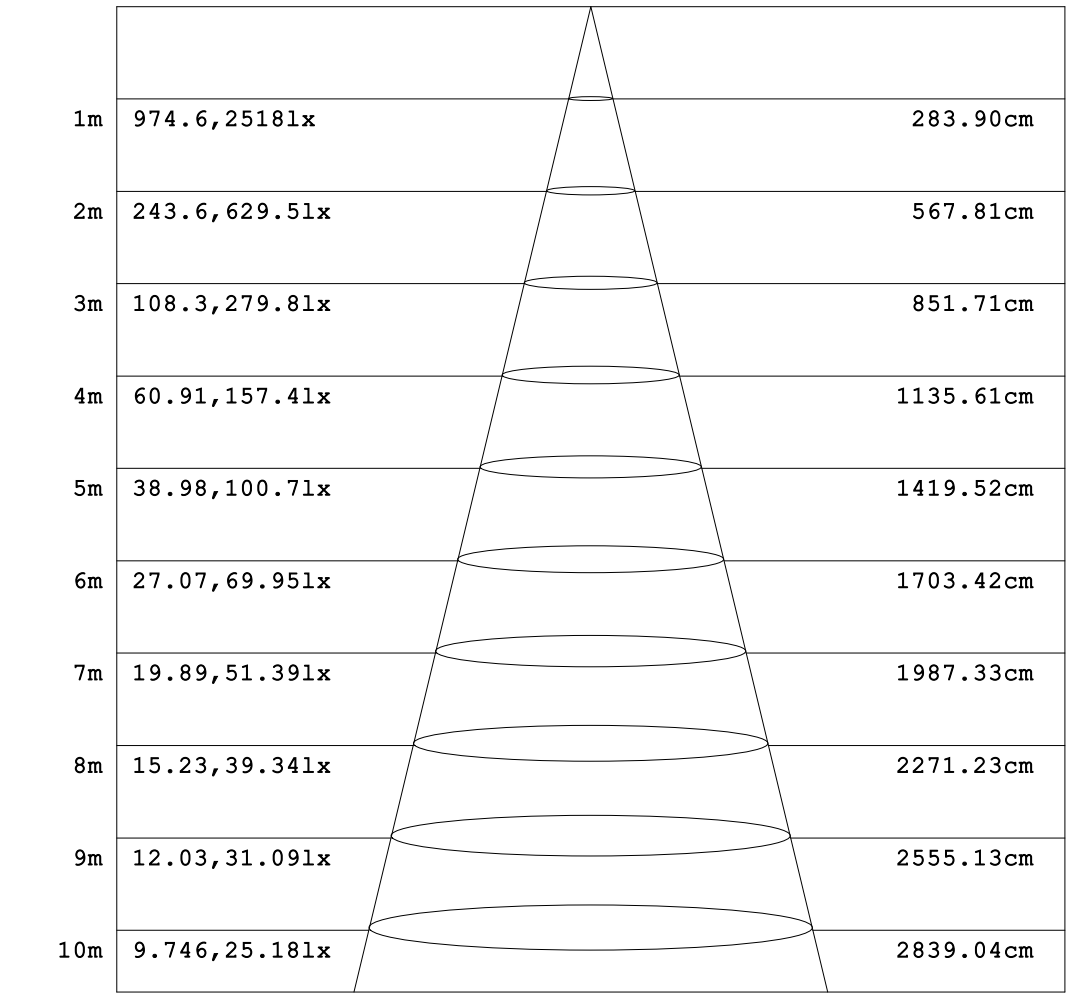
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

Flux out:6245 lm



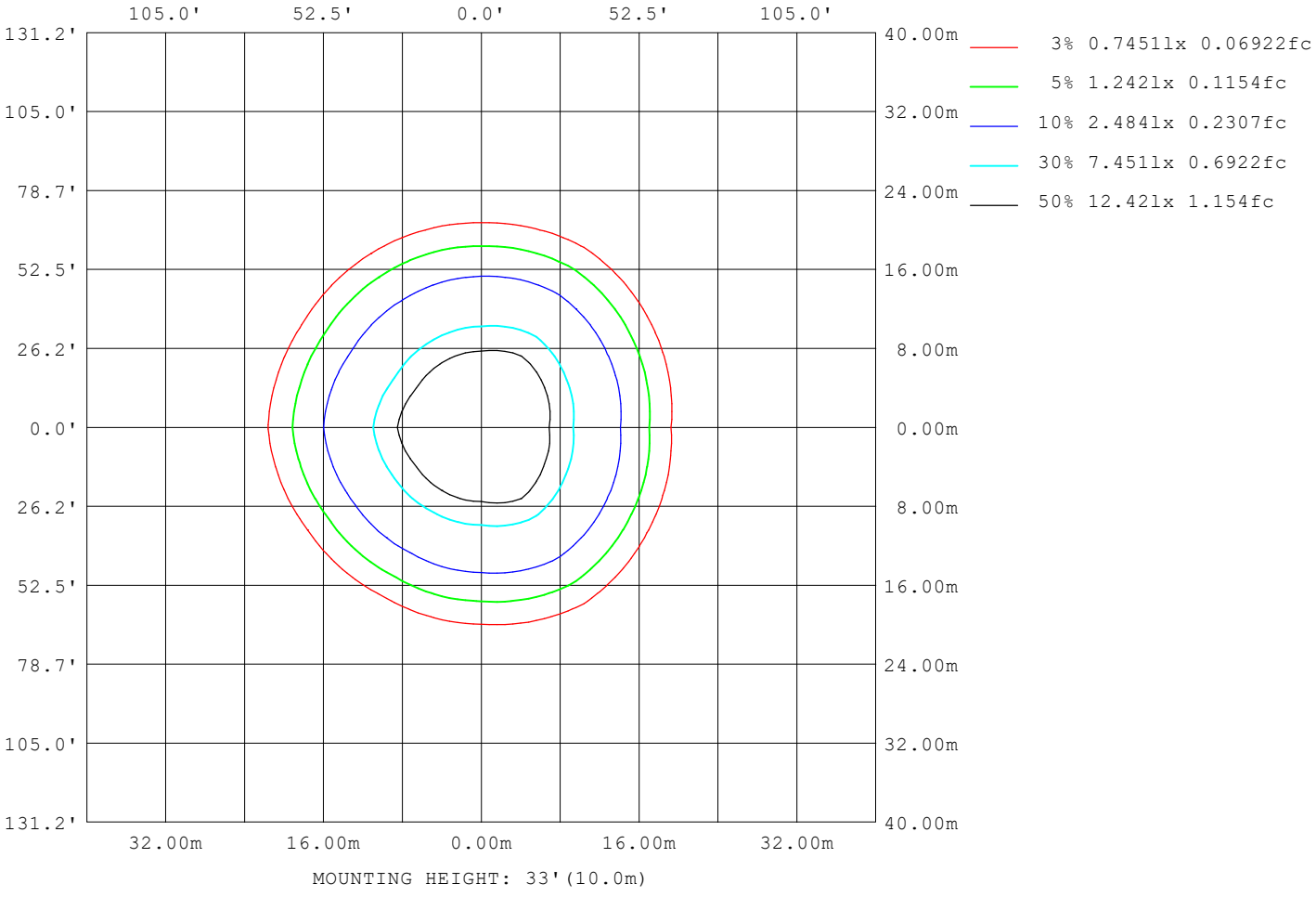
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

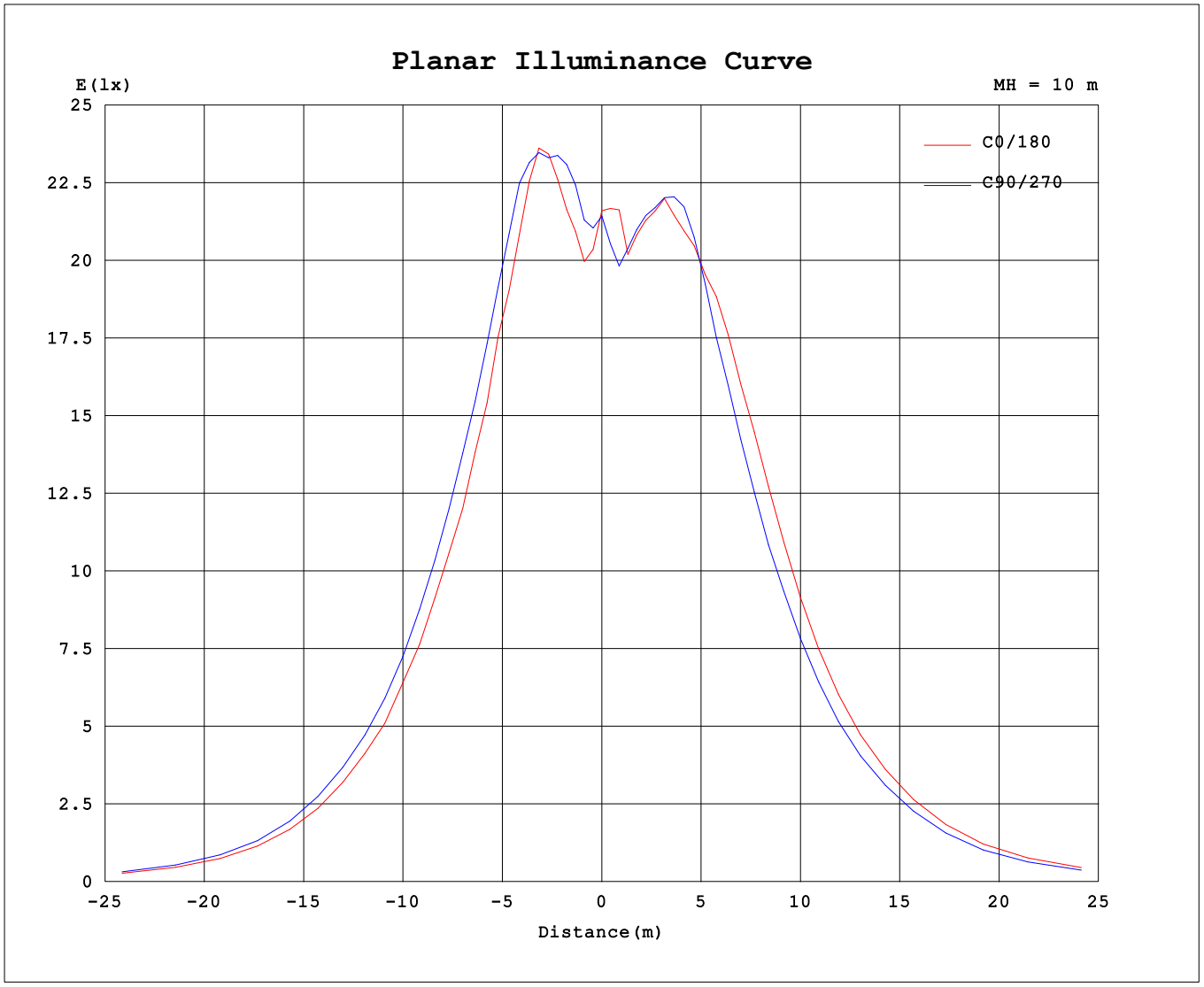
AvgL	cd/m2
L_0~180(65)av	20352
L_0~180(75)av	12348
L_0~180(85)av	9241
L_90~270(65)av	19657
L_90~270(75)av	12054
L_90~270(85)av	8710
L_45(65)av	20352
L_45(75)av	12110
L_45(85)av	8666

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.95V I:0.4896A P:58.457W PF:0.9954 Freq:60.01Hz UTHDi:0.33% ITHDi:5.36% KDisp:0.0000 Lamp Flux:8317.97x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0	2142	2142	2142	2142	2142	2142	2142	2142	2142	2142	2142	2142
5	2002	2015	2099	2154	2252	2135	2169	2121	2142	2005	2146	2063
10	2246	2288	2333	2416	2543	2290	2160	2101	2206	2197	2202	2174
15	2577	2550	2549	2585	2870	2555	2375	2464	2614	2406	2329	2370
20	2695	2745	2651	2789	3001	2728	2563	2690	2809	2656	2592	2500
25	2536	2718	2737	2803	2911	2813	2726	2801	2817	2786	2825	2612
30	2353	2549	2889	2667	2767	2702	2875	2677	2709	2698	2914	2599
35	2168	2405	2896	2509	2585	2573	2892	2522	2578	2592	2931	2474
40	2017	2206	2727	2303	2362	2396	2807	2359	2395	2412	2790	2304
45	1798	2004	2426	2052	2104	2184	2567	2125	2161	2213	2565	2060
50	1544	1730	2096	1782	1818	1903	2252	1859	1886	1942	2234	1779
55	1244	1422	1715	1457	1463	1561	1900	1595	1597	1645	1847	1475
60	919	1039	1254	1063	1057	1160	1464	1266	1259	1259	1356	1083
65	612	691	845	720	718	801	1012	880	878	849	923	749
70	382	424	522	453	453	512	649	563	553	538	588	480
75	218	232	289	271	266	305	385	329	318	319	349	281
80	110	110	148	134	147	154	207	173	166	170	186	146
85	48.9	46.1	57.6	59.2	64.9	75.3	103	83.2	82.0	84.2	93.1	70.8
90	27.7	25.8	30.8	26.1	28.3	28.4	40.5	34.5	35.3	31.9	34.0	27.6
95	27.4	27.4	30.7	26.2	28.3	28.9	38.5	32.2	33.4	32.0	34.1	27.0
100	27.6	28.6	30.9	27.0	28.7	29.5	38.5	32.3	33.2	32.2	34.5	28.1
105	28.4	29.3	31.1	28.4	29.5	30.2	38.3	32.7	32.9	32.3	34.9	29.5
110	29.1	29.8	31.2	30.0	30.4	30.9	37.4	33.3	33.0	32.6	35.2	31.1
115	30.0	30.2	31.3	31.9	31.4	31.0	35.5	33.0	33.4	32.9	35.5	33.1
120	30.9	30.7	31.4	33.1	32.2	30.2	33.8	32.7	33.7	32.5	35.8	34.5
125	31.6	31.4	32.2	33.9	33.0	30.1	33.6	33.1	33.9	33.4	36.7	35.4
130	32.1	32.3	33.3	33.9	33.6	31.1	34.3	34.0	34.3	34.2	38.0	36.2
135	32.8	33.4	34.6	34.8	34.7	31.0	35.7	35.0	35.2	35.7	39.4	37.1
140	33.6	34.5	34.4	36.1	35.9	33.0	37.5	36.6	36.6	37.5	40.7	38.2
145	35.0	35.5	36.2	34.1	34.0	34.4	38.3	35.1	38.7	39.3	41.9	39.8
150	36.6	35.7	37.3	35.3	35.4	34.4	34.6	35.7	40.6	41.3	42.9	41.8
155	38.2	36.9	38.8	37.3	37.4	35.7	36.8	38.5	36.6	37.4	43.7	43.6
160	39.4	38.1	39.0	38.8	40.0	37.5	37.7	38.6	39.0	39.2	45.4	43.3
165	40.9	39.7	40.3	40.8	41.7	38.7	39.0	38.9	41.0	44.4	46.0	44.5
170	42.4	41.3	42.0	42.6	43.1	40.7	40.9	40.6	42.4	43.1	45.4	44.1
175	43.3	42.6	43.6	43.6	44.3	42.2	42.6	41.9	43.5	43.7	45.2	43.6
180	43.7	42.8	44.0	44.0	44.9	44.2	43.6	42.8	43.9	44.1	44.9	44.0

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	2142	2142	2142	2142	2142	2142	2142	2142	2142	2142
2.5	2024	2059	2114	2110	2207	2152	2155	2137	2145	2059
5.0	2002	2015	2099	2154	2252	2135	2169	2121	2142	2005
7.5	2130	2155	2231	2301	2378	2220	2055	2038	2049	2092
10.0	2246	2288	2333	2416	2543	2290	2160	2101	2206	2197
12.5	2409	2408	2428	2512	2732	2377	2268	2286	2413	2304
15.0	2577	2550	2549	2585	2870	2555	2375	2464	2614	2406
17.5	2699	2637	2597	2705	2949	2627	2514	2548	2734	2538
20.0	2695	2745	2651	2789	3001	2728	2563	2690	2809	2656
22.5	2619	2756	2719	2851	2969	2833	2634	2801	2860	2754
25.0	2536	2718	2737	2803	2911	2813	2726	2801	2817	2786
27.5	2494	2625	2865	2742	2845	2738	2775	2724	2763	2756
30.0	2353	2549	2889	2667	2767	2702	2875	2677	2709	2698
32.5	2286	2483	2946	2578	2682	2646	2909	2590	2650	2662
35.0	2168	2405	2896	2509	2585	2573	2892	2522	2578	2592
37.5	2103	2315	2821	2406	2479	2475	2874	2460	2492	2511
40.0	2017	2206	2727	2303	2362	2396	2807	2359	2395	2412
42.5	1893	2109	2584	2190	2238	2310	2707	2247	2284	2334
45.0	1798	2004	2426	2052	2104	2184	2567	2125	2161	2213
47.5	1641	1889	2263	1915	1966	2050	2411	1992	2026	2086
50.0	1544	1730	2096	1782	1818	1903	2252	1859	1886	1942
52.5	1408	1577	1916	1634	1654	1745	2080	1731	1743	1797
55.0	1244	1422	1715	1457	1463	1561	1900	1595	1597	1645
57.5	1079	1239	1484	1258	1254	1356	1695	1441	1438	1468
60.0	918.6	1039	1254	1063	1057	1160	1464	1266	1259	1259
62.5	755.0	853.7	1037	882.2	878.9	972.4	1228	1068	1067	1042
65.0	611.9	691.4	844.7	719.5	718.2	801.3	1012	880.2	877.9	848.9
67.5	487.8	547.3	671.2	575.7	574.0	646.7	820.8	712.2	705.8	681.8
70.0	382.4	424.1	521.8	453.2	453.4	511.6	649.1	562.7	552.7	538.1
72.5	292.3	319.3	394.2	349.2	351.6	395.0	505.3	436.0	424.7	418.7
75.0	218.2	232.2	288.9	270.5	265.8	305.4	385.2	329.1	318.2	318.5
77.5	157.4	163.6	204.6	191.8	194.6	216.0	295.8	242.4	232.6	236.3
80.0	109.8	110.4	147.8	134.0	146.5	154.4	206.6	173.2	166.4	169.7
82.5	75.80	73.04	91.19	92.34	98.50	109.9	146.0	128.2	116.2	126.9
85.0	48.89	46.07	57.63	59.16	64.88	75.30	103.2	83.25	81.96	84.16
87.5	28.84	25.89	32.12	30.73	34.78	42.53	69.11	56.09	55.89	54.16
90.0	27.70	25.79	30.76	26.10	28.26	28.45	40.49	34.51	35.34	31.93
92.5	27.50	26.67	30.73	26.05	28.22	28.66	38.18	32.18	33.45	31.73
95.0	27.36	27.45	30.74	26.17	28.28	28.91	38.48	32.21	33.44	31.96
97.5	27.34	28.09	30.83	26.53	28.47	29.17	38.53	32.24	33.36	32.11
100.0	27.57	28.60	30.93	27.03	28.74	29.50	38.54	32.33	33.24	32.22
102.5	28.01	28.98	31.01	27.67	29.08	29.85	38.41	32.39	33.04	32.31
105.0	28.37	29.27	31.08	28.37	29.49	30.23	38.31	32.68	32.90	32.35
107.5	28.73	29.53	31.15	29.18	29.95	30.60	38.14	33.08	32.88	32.45
110.0	29.10	29.76	31.23	30.02	30.42	30.91	37.43	33.33	32.96	32.59
112.5	29.55	30.01	31.28	30.98	30.90	31.12	36.12	33.16	33.15	32.73
115.0	30.01	30.22	31.29	31.90	31.36	31.04	35.54	33.01	33.35	32.91
117.5	30.46	30.44	31.31	32.71	31.77	30.52	34.63	32.87	33.55	32.86
120.0	30.88	30.67	31.45	33.07	32.20	30.16	33.83	32.68	33.70	32.51
122.5	31.25	31.00	31.76	33.44	32.60	30.00	33.57	32.81	33.79	32.85
125.0	31.59	31.41	32.21	33.88	32.99	30.09	33.61	33.12	33.86	33.40
127.5	31.85	31.85	32.72	34.06	33.25	30.50	33.87	33.53	34.00	33.96
130.0	32.14	32.34	33.29	33.87	33.60	31.05	34.34	33.97	34.25	34.19
132.5	32.45	32.85	33.91	34.37	34.12	31.32	34.97	34.44	34.70	34.30
135.0	32.80	33.36	34.59	34.78	34.66	31.03	35.72	35.00	35.18	35.69
137.5	33.14	33.89	35.11	35.31	35.23	31.43	36.61	35.73	35.79	36.57
140.0	33.60	34.50	34.42	36.11	35.88	33.02	37.49	36.59	36.63	37.47
142.5	34.17	35.11	34.80	35.97	33.49	32.94	38.08	37.44	37.63	38.38
145.0	34.96	35.53	36.18	34.05	34.00	34.38	38.30	35.11	38.67	39.28
147.5	35.87	35.52	36.46	34.61	34.43	34.47	36.37	33.45	39.66	40.27
150.0	36.55	35.72	37.32	35.25	35.35	34.42	34.61	35.73	40.64	41.25
152.5	37.09	36.47	36.63	36.85	36.34	35.15	35.47	40.49	38.37	42.01
155.0	38.17	36.87	38.76	37.30	37.41	35.75	36.82	38.53	36.61	37.38
157.5	38.48	37.61	38.67	37.73	38.78	36.67	36.79	37.99	37.86	38.13
160.0	39.44	38.14	38.98	38.77	39.97	37.54	37.70	38.59	38.99	39.15
162.5	40.76	38.68	39.41	39.76	40.74	38.07	38.37	38.23	39.82	41.34
165.0	40.86	39.65	40.27	40.76	41.73	38.75	39.01	38.86	40.95	44.40
167.5	41.49	40.61	41.17	41.66	42.41	39.71	39.98	39.76	41.98	45.25
170.0	42.35	41.32	42.05	42.60	43.06	40.66	40.94	40.59	42.38	43.13
172.5	43.13	41.87	42.86	43.27	43.75	41.52	41.85	41.34	42.99	44.16
175.0	43.29	42.59	43.56	43.56	44.35	42.25	42.64	41.94	43.48	43.66
177.5	43.57	42.77	43.92	43.91	44.73	42.92	43.33	42.40	43.82	43.92
180.0	43.66	42.78	43.96	44.05	44.91	44.17	43.63	42.79	43.92	44.06

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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	300.0	330.0
0.0	2142	2142
2.5	2157	2088
5.0	2146	2063
7.5	2141	2091
10.0	2202	2174
12.5	2241	2298
15.0	2329	2370
17.5	2419	2445
20.0	2592	2500
22.5	2705	2556
25.0	2825	2612
27.5	2871	2637
30.0	2914	2599
32.5	2959	2527
35.0	2931	2474
37.5	2886	2401
40.0	2790	2304
42.5	2699	2184
45.0	2565	2060
47.5	2402	1920
50.0	2234	1779
52.5	2051	1640
55.0	1847	1475
57.5	1606	1276
60.0	1356	1083
62.5	1126	910.0
65.0	923.3	749.1
67.5	744.4	606.4
70.0	587.5	480.3
72.5	458.5	372.5
75.0	349.4	280.9
77.5	267.6	205.7
80.0	186.0	146.5
82.5	132.8	103.7
85.0	93.07	70.80
87.5	56.87	40.38
90.0	33.99	27.58
92.5	33.94	27.03
95.0	34.09	27.05
97.5	34.33	27.48
100.0	34.54	28.14
102.5	34.72	28.82
105.0	34.90	29.48
107.5	35.02	30.22
110.0	35.18	31.13
112.5	35.35	32.15
115.0	35.50	33.09
117.5	35.61	33.92
120.0	35.84	34.54
122.5	36.22	35.04
125.0	36.74	35.43
127.5	37.34	35.78
130.0	37.99	36.22
132.5	38.65	36.63
135.0	39.39	37.07
137.5	40.06	37.63
140.0	40.70	38.24
142.5	41.27	38.94
145.0	41.89	39.77
147.5	42.39	40.73
150.0	42.86	41.79
152.5	43.66	42.76
155.0	43.75	43.56
157.5	44.70	44.73
160.0	45.43	43.26
162.5	45.71	44.42
165.0	46.04	44.51
167.5	46.49	44.33
170.0	45.43	44.08
172.5	44.66	43.34
175.0	45.16	43.59
177.5	44.97	43.98
180.0	44.94	44.03

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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: