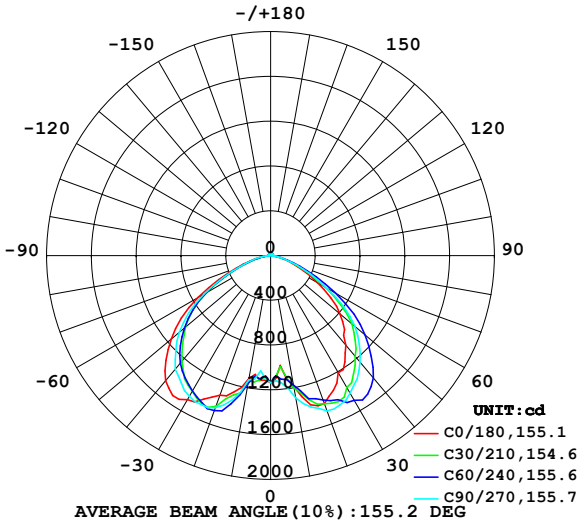
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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:

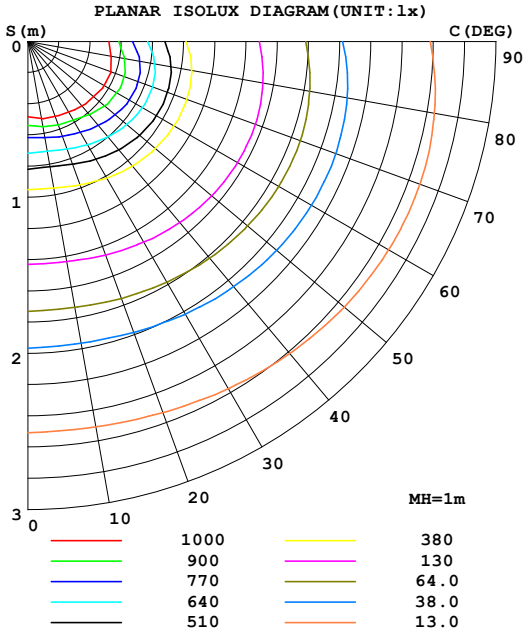
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 143.15 lm/W	
MODEET01-60 50 40 30 20W-TCP		Imax(cd)	1597	S/MH(C0/180)	1.74
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.69
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4447.4	η UP,DN(C0-180)	1.2,46.9
NOMINAL FLUX(lm)	4447.36	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.6
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%):155.2 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	1186	1188	1291	1332	1114	1145	1128	1174	0- 10	108.8	108.8	2.45,2.45
20	1406	1391	1475	1575	1327	1452	1446	1360	10- 20	383.7	492.5	11.1,11.1
30	1210	1428	1420	1480	1486	1398	1452	1489	20- 30	670.0	1163	26.1,26.1
40	1045	1302	1242	1295	1458	1244	1326	1404	30- 40	864.7	2027	45.6,45.6
50	806.3	1027	982.0	1007	1160	998.7	1066	1123	40- 50	901.0	2928	65.8,65.8
60	487.4	612.6	577.6	590.3	746.0	665.7	685.3	684.3	50- 60	750.7	3679	82.7,82.7
70	204.2	255.1	246.9	258.6	326.5	291.8	292.9	302.3	60- 70	435.0	4114	92.5,92.5
80	61.40	69.14	73.16	77.22	101.7	85.28	90.89	94.18	70- 80	174.7	4289	96.4,96.4
90	14.72	14.92	14.09	15.51	20.63	16.24	16.43	16.07	80- 90	45.29	4334	97.4,97.4
100	14.46	15.78	14.92	16.06	21.61	16.51	17.30	16.34	90-100	17.60	4351	97.8,97.8
110	15.17	16.15	16.94	17.16	20.89	17.42	17.68	17.58	100-110	17.88	4369	98.2,98.2
120	16.04	16.39	18.16	17.73	18.13	17.43	17.65	18.89	110-120	17.34	4387	98.6,98.6
130	16.63	17.29	18.47	18.11	17.79	17.87	18.50	20.15	120-130	15.99	4403	99,99
140	17.32	18.13	19.70	19.28	19.05	18.99	19.60	21.84	130-140	14.44	4417	99.3,99.3
150	18.80	19.24	19.31	19.06	18.30	19.67	21.89	23.50	140-150	12.33	4429	99.6,99.6
160	20.28	20.18	20.86	21.15	19.49	20.19	21.22	24.63	150-160	9.560	4439	99.8,99.8
170	21.91	21.85	23.05	22.97	21.22	21.76	23.53	24.63	160-170	6.197	4445	100,100
180	22.61	22.80	23.85	24.29	22.59	22.78	23.86	24.30	170-180	2.192	4447	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2484.1 lm

%lum = 55.9%
%lamp = 55.9%

Conical surface Flux(130deg): 3936.5 lm

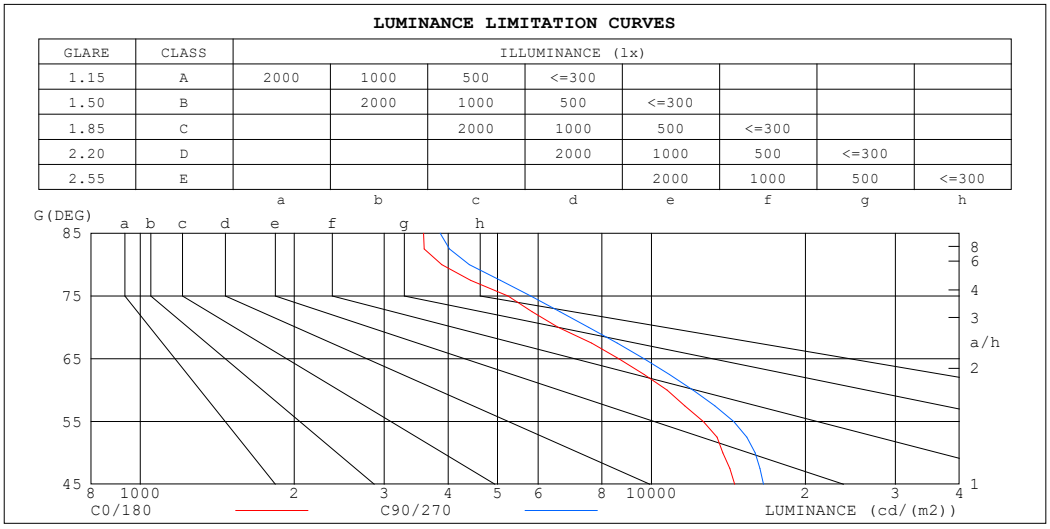
%lum = 88.5%
%lamp = 88.5%

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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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	3580	3862
80	3890	4399
75	5242	5803
70	6568	7538
65	8633	9668
60	10723	12061
55	12629	14485
50	13800	15950
45	14542	16561

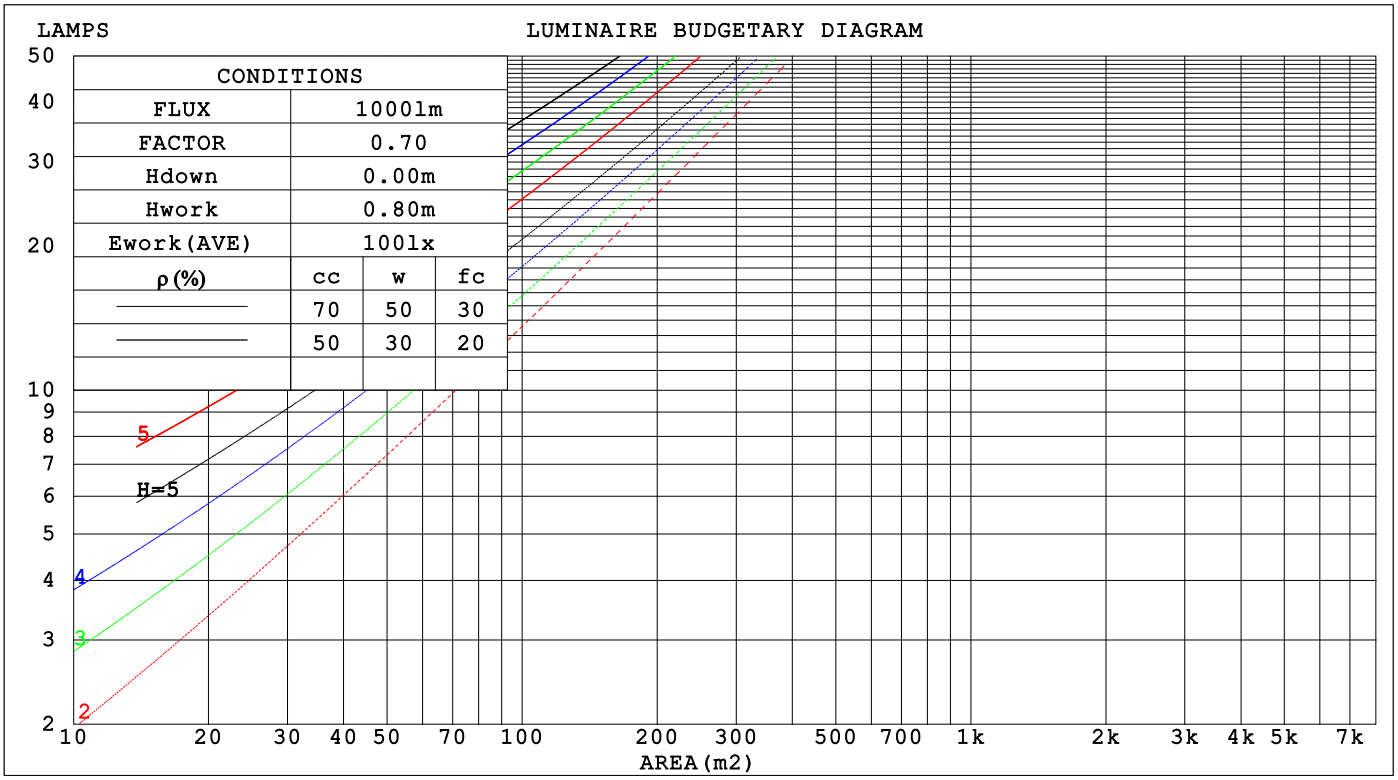
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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	.75	.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	.60	.55	.65	.59	.54	.62	.57	.53	.51
5.0	.64	.55	.49	.63	.54	.48	.60	.53	.47	.58	.52	.47	.56	.50	.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	.36	.47	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.37	.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	.26
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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	.284	.161	.051	.276	.157	.050	.261	.150	.048	.248	.143	.046	.235	.136	.044	
2.0	.273	.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	.219	.121	.037	
4.0	.240	.124	.037	.234	.123	.036	.224	.119	.035	.214	.115	.035	.206	.112	.034	
5.0	.224	.114	.033	.219	.112	.033	.210	.109	.032	.201	.106	.032	.193	.103	.031	
6.0	.209	.105	.030	.204	.103	.030	.196	.101	.029	.189	.098	.029	.181	.096	.028	
7.0	.195	.097	.027	.191	.095	.027	.184	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.183	.090	.025	.180	.088	.025	.173	.086	.025	.167	.085	.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	.160	.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	.170	.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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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	21.4	22.9	21.7	23.1	23.4	22.3	23.8	22.6	24.0	24.3
3H	22.0	23.3	22.3	23.6	23.9	22.9	24.3	23.3	24.5	24.8
4H	22.1	23.4	22.5	23.7	24.0	23.1	24.3	23.4	24.6	24.9
6H	22.2	23.4	22.5	23.7	24.0	23.1	24.3	23.5	24.6	24.9
8H	22.2	23.3	22.5	23.6	24.0	23.1	24.2	23.5	24.6	24.9
12H	22.1	23.2	22.5	23.6	23.9	23.1	24.2	23.5	24.5	24.9
4H 2H	21.9	23.2	22.3	23.5	23.8	22.6	23.9	23.0	24.2	24.5
3H	22.6	23.7	23.0	24.0	24.4	23.4	24.5	23.8	24.8	25.2
4H	22.8	23.8	23.2	24.1	24.5	23.6	24.6	24.0	25.0	25.3
6H	22.9	23.7	23.3	24.1	24.6	23.7	24.6	24.1	25.0	25.4
8H	22.9	23.7	23.3	24.1	24.5	23.7	24.5	24.2	24.9	25.4
12H	22.9	23.6	23.4	24.1	24.5	23.7	24.5	24.2	24.9	25.3
8H 4H	22.8	23.6	23.3	24.1	24.5	23.6	24.4	24.1	24.8	25.3
6H	23.0	23.6	23.5	24.1	24.6	23.8	24.4	24.3	24.9	25.4
8H	23.0	23.6	23.5	24.1	24.6	23.8	24.4	24.3	24.9	25.4
12H	23.1	23.6	23.6	24.1	24.6	23.9	24.4	24.4	24.9	25.4
12H 4H	22.8	23.5	23.3	24.0	24.4	23.6	24.3	24.0	24.7	25.2
6H	23.0	23.6	23.5	24.0	24.5	23.8	24.3	24.3	24.8	25.3
8H	23.0	23.5	23.6	24.0	24.6	23.8	24.3	24.3	24.8	25.3
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 / - 0.8					+ 0.6 / - 1.0				
2.0H	+ 0.6 / - 1.1					+ 0.7 / - 1.2				

CIE Pub.117, 4447 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.2)
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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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:

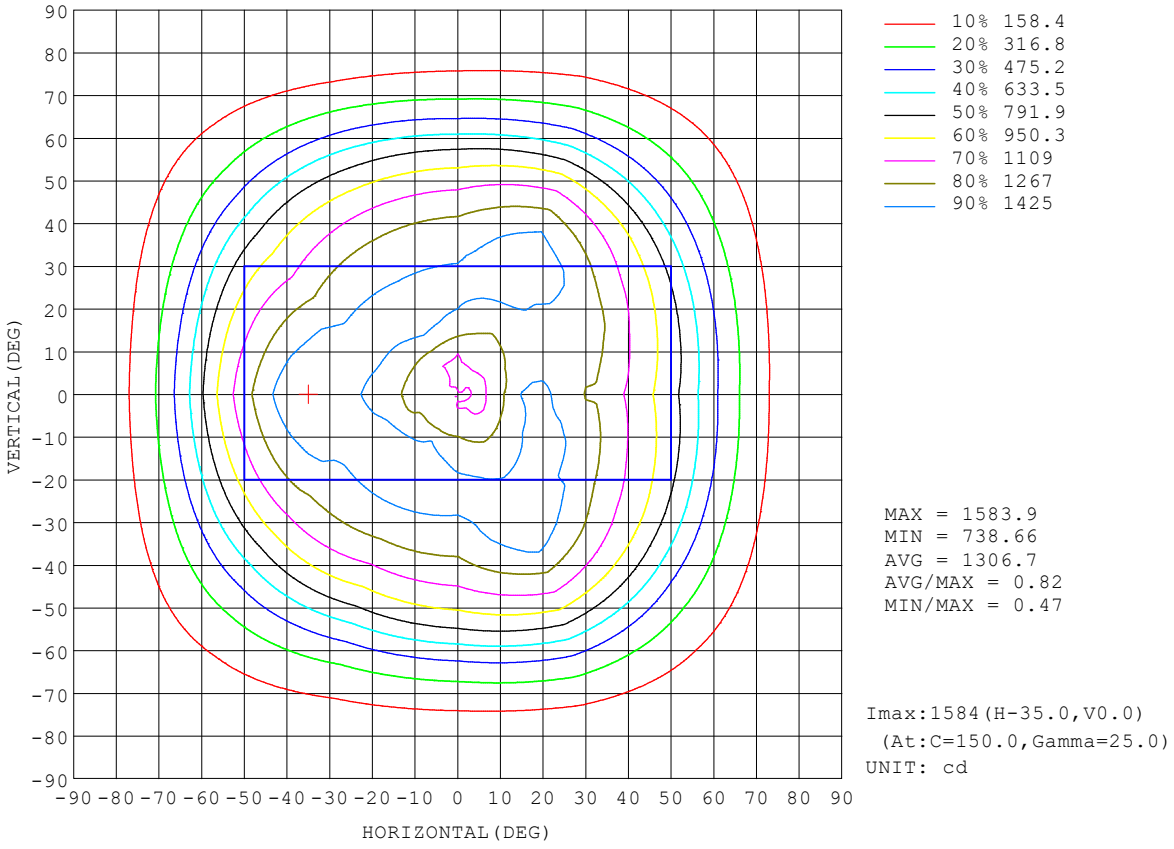
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	49	67	56	49	65	55	49	42
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	87	79	73	84	77	71	64
2.00	96	88	82	94	87	81	90	84	79	71
2.50	100	92	87	97	91	86	93	88	83	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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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:



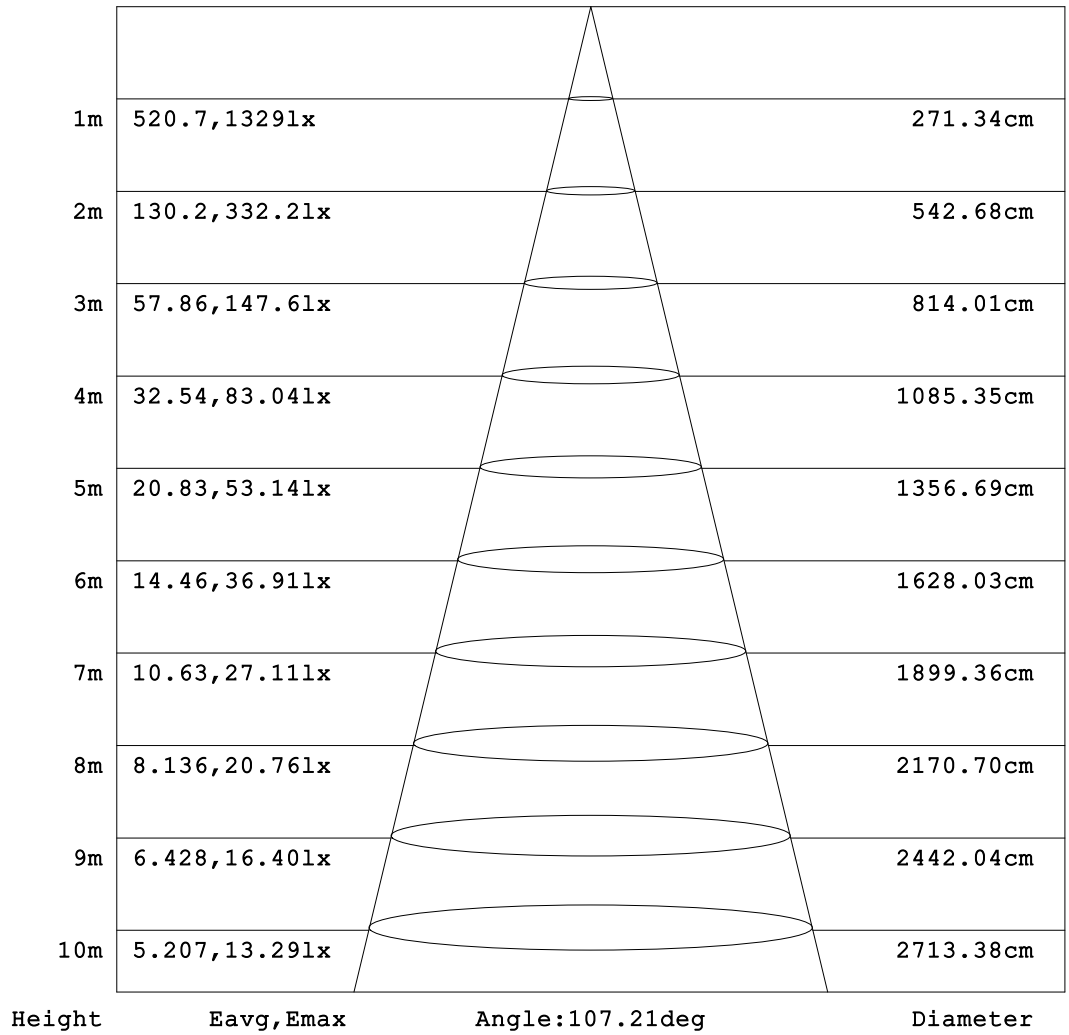
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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:3336 lm



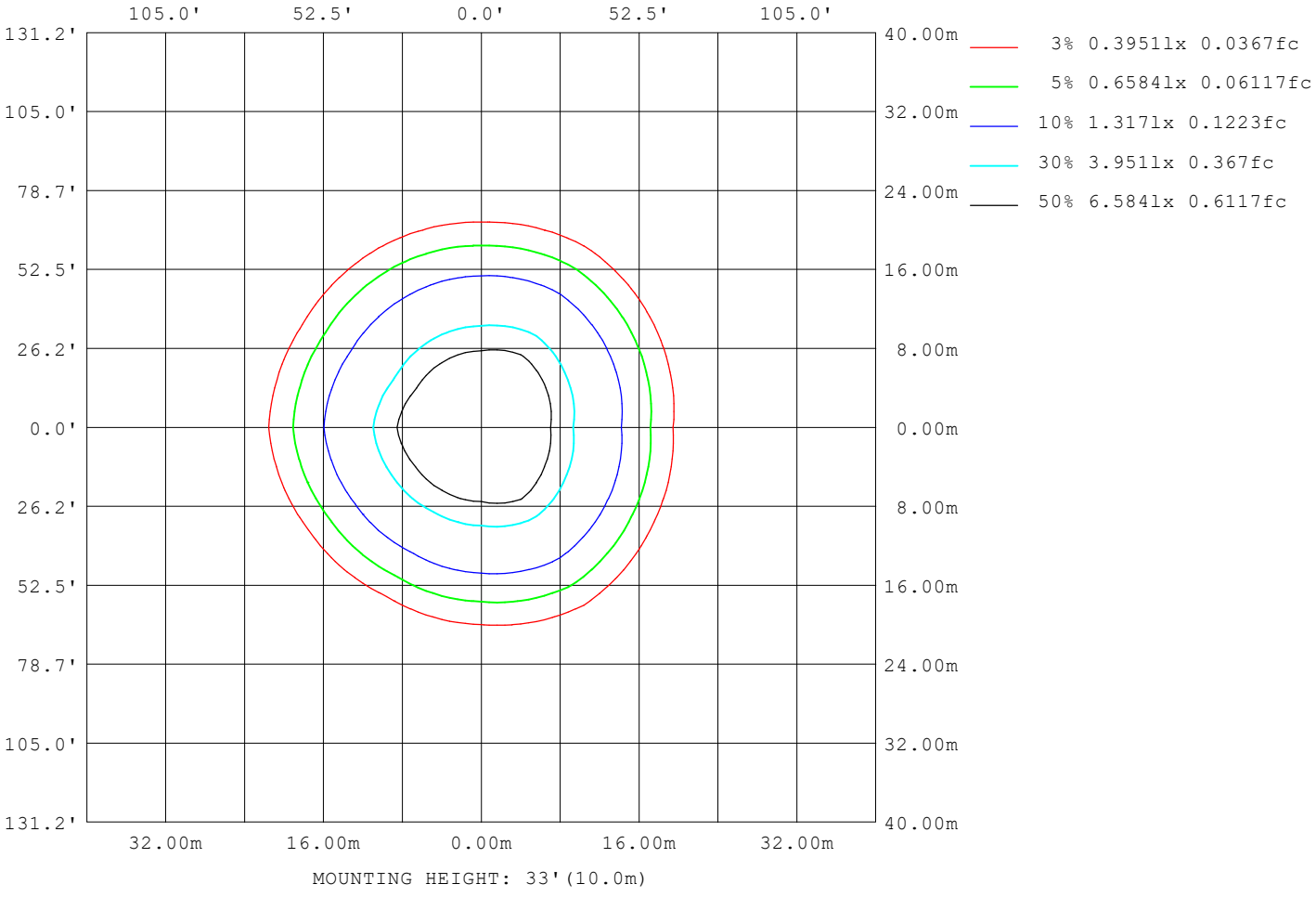
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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:

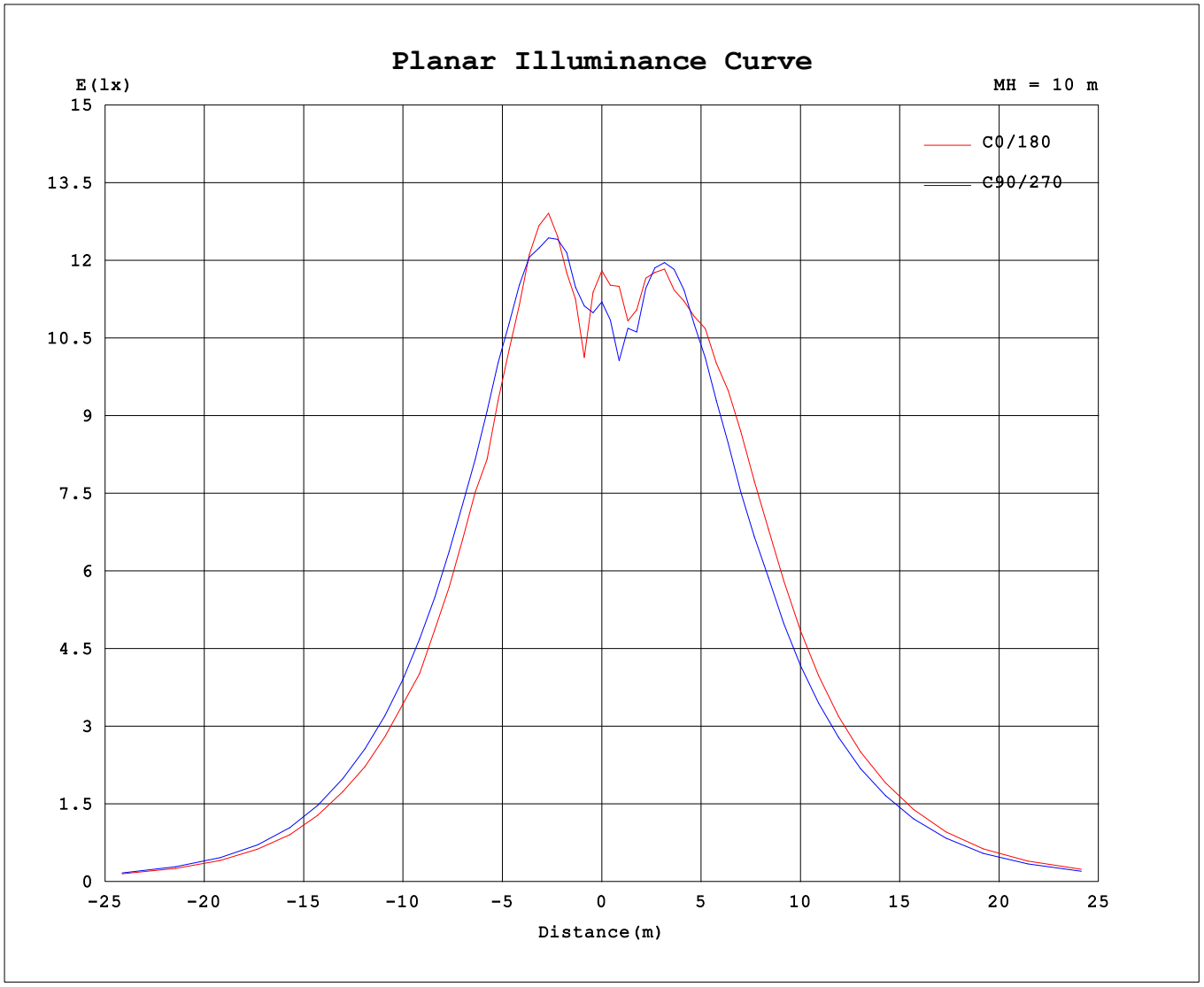
AvgL	cd/m2
L_0~180(65)av	10584
L_0~180(75)av	6441
L_0~180(85)av	4797
L_90~270(65)av	10717
L_90~270(75)av	6476
L_90~270(85)av	4644
L_45(65)av	10991
L_45(75)av	6531
L_45(85)av	4612

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:119.91V I:0.2627A P:31.067W PF:0.9862 Freq:60.01Hz UTHDi:0.24% ITHDi:7.57% KDisp:0.0000 Lamp Flux:4447.36x1 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	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
5	986	997	1109	1142	1158	1205	1120	1115	1107	1033	1076	1099
10	1186	1202	1175	1291	1314	1350	1114	1131	1159	1128	1172	1176
15	1380	1333	1322	1400	1503	1465	1257	1289	1370	1335	1269	1369
20	1406	1411	1372	1475	1590	1561	1327	1433	1472	1446	1318	1404
25	1330	1439	1420	1470	1529	1597	1413	1459	1453	1467	1505	1402
30	1210	1362	1494	1420	1453	1508	1486	1401	1396	1452	1549	1428
35	1159	1290	1510	1347	1360	1449	1525	1343	1333	1390	1575	1405
40	1045	1177	1428	1242	1242	1349	1458	1233	1255	1326	1498	1307
45	935	1070	1272	1122	1101	1233	1322	1111	1142	1200	1376	1177
50	806	951	1103	982	945	1070	1160	993	1005	1066	1202	1042
55	659	767	907	796	755	866	975	850	850	895	998	861
60	487	559	667	578	543	639	746	666	666	685	736	631
65	332	378	450	391	368	442	513	456	462	464	503	437
70	204	231	279	247	232	285	326	290	294	293	321	284
75	123	130	156	144	140	161	191	168	163	173	190	167
80	61.4	62.7	75.6	73.2	71.4	83.2	102	86.3	84.3	90.9	101	86.7
85	28.4	26.6	32.0	32.2	33.2	39.8	50.6	40.0	40.6	44.2	50.7	41.4
90	14.7	13.5	16.4	14.1	15.1	15.9	20.6	15.7	16.8	16.4	17.8	14.3
95	14.5	14.5	16.3	14.3	15.2	16.2	21.1	15.6	16.5	16.9	17.8	13.9
100	14.5	15.2	16.4	14.9	15.5	16.6	21.6	16.2	16.8	17.3	18.0	14.6
105	14.8	15.6	16.5	15.8	16.0	17.2	21.6	17.0	17.1	17.5	18.2	15.6
110	15.2	15.8	16.5	16.9	16.6	17.8	20.9	17.5	17.3	17.7	18.4	16.8
115	15.6	16.1	16.5	17.9	17.2	18.1	19.6	17.3	17.6	17.9	18.5	18.2
120	16.0	16.3	16.5	18.2	17.7	17.7	18.1	17.1	17.7	17.6	18.5	19.3
125	16.4	16.7	16.9	18.4	18.2	17.8	17.6	17.4	17.8	18.1	18.9	20.0
130	16.6	17.1	17.5	18.5	18.5	17.7	17.8	17.8	17.9	18.5	19.7	20.6
135	16.9	17.6	18.2	18.9	18.9	17.3	18.3	18.3	18.3	18.7	20.6	21.3
140	17.3	18.2	18.0	19.7	19.1	19.4	19.1	19.0	19.0	19.6	21.7	22.0
145	18.0	18.7	19.2	18.4	18.0	19.5	19.7	18.9	19.9	20.7	22.6	22.8
150	18.8	18.9	19.6	19.3	18.8	19.4	18.3	18.5	20.8	21.9	23.2	23.8
155	19.5	19.4	20.2	20.0	20.0	20.0	20.1	21.3	19.1	20.4	23.9	24.5
160	20.3	20.1	20.2	20.9	21.2	21.1	19.5	20.1	20.3	21.2	24.8	24.5
165	21.0	20.9	20.9	22.0	22.2	21.8	20.2	20.5	21.4	23.3	24.3	24.9
170	21.9	21.8	21.9	23.0	23.0	22.9	21.2	21.4	22.1	23.5	24.4	24.9
175	22.4	22.6	22.7	23.6	23.6	23.8	22.1	22.1	22.7	23.7	24.1	24.4
180	22.6	22.6	23.0	23.8	23.9	24.7	22.6	22.6	22.9	23.9	23.9	24.7

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	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
2.5	1099	1082	1074	1118	1165	1184	1113	1088	1077	1104
5.0	986.3	996.9	1109	1142	1158	1205	1120	1115	1107	1033
7.5	1112	1100	1116	1196	1258	1231	1070	1141	1089	1113
10.0	1186	1202	1175	1291	1314	1350	1114	1131	1159	1128
12.5	1290	1259	1236	1353	1461	1349	1206	1257	1275	1250
15.0	1380	1333	1322	1400	1503	1465	1257	1289	1370	1335
17.5	1407	1390	1340	1431	1562	1524	1314	1344	1453	1399
20.0	1406	1411	1372	1475	1590	1561	1327	1433	1472	1446
22.5	1361	1428	1403	1484	1562	1587	1370	1468	1479	1471
25.0	1330	1439	1420	1470	1529	1597	1413	1459	1453	1467
27.5	1283	1425	1479	1458	1492	1544	1475	1435	1426	1471
30.0	1210	1362	1494	1420	1453	1508	1486	1401	1396	1452
32.5	1207	1346	1529	1379	1410	1464	1523	1373	1366	1432
35.0	1159	1290	1510	1347	1360	1449	1525	1343	1333	1390
37.5	1097	1241	1475	1296	1305	1412	1493	1284	1297	1355
40.0	1045	1177	1428	1242	1242	1349	1458	1233	1255	1326
42.5	966.9	1130	1353	1188	1175	1301	1396	1172	1202	1263
45.0	934.8	1070	1272	1122	1101	1233	1322	1111	1142	1200
47.5	874.2	1011	1188	1054	1026	1158	1243	1050	1076	1136
50.0	806.3	950.9	1103	982.0	944.8	1070	1160	992.6	1005	1066
52.5	744.0	862.3	1010	896.4	855.4	975.5	1071	924.3	930.9	982.9
55.0	658.5	767.3	907.5	795.8	754.6	866.3	975.4	849.7	850.4	894.9
57.5	567.4	666.4	787.8	685.0	644.9	749.2	866.5	764.1	762.5	797.8
60.0	487.4	558.9	666.8	577.6	542.8	638.8	746.0	665.6	665.7	685.3
62.5	405.9	460.2	552.1	479.6	450.5	535.7	624.3	556.7	562.7	567.6
65.0	331.7	377.7	449.9	391.3	368.3	441.9	512.8	456.5	461.6	463.8
67.5	265.7	300.4	358.6	313.9	294.4	355.9	414.3	367.7	369.2	373.0
70.0	204.2	231.0	279.5	246.9	232.3	285.5	326.5	289.5	294.1	292.9
72.5	159.6	175.0	211.3	190.6	180.1	215.1	258.9	223.8	219.2	227.5
75.0	123.3	130.0	155.6	143.9	139.9	161.2	191.4	168.2	163.0	172.6
77.5	87.11	92.54	110.8	105.0	99.76	116.8	142.0	127.2	119.0	131.7
80.0	61.40	62.73	75.59	73.16	71.37	83.20	101.7	86.30	84.26	90.89
82.5	42.63	41.49	49.87	50.32	50.71	58.90	71.75	58.72	58.28	63.44
85.0	28.36	26.62	32.01	32.24	33.17	39.78	50.57	39.97	40.55	44.17
87.5	16.38	14.64	17.68	16.65	17.66	21.76	33.30	25.86	27.07	28.17
90.0	14.72	13.49	16.36	14.09	15.14	15.88	20.63	15.65	16.83	16.43
92.5	14.57	14.02	16.33	14.11	15.14	16.02	20.76	15.40	16.40	16.60
95.0	14.49	14.49	16.32	14.29	15.21	16.19	21.14	15.61	16.53	16.94
97.5	14.45	14.88	16.33	14.56	15.34	16.38	21.36	15.92	16.69	17.15
100.0	14.46	15.19	16.38	14.92	15.52	16.60	21.61	16.23	16.80	17.30
102.5	14.64	15.43	16.41	15.36	15.74	16.88	21.67	16.55	16.95	17.43
105.0	14.83	15.58	16.45	15.82	15.98	17.19	21.61	16.98	17.07	17.53
107.5	14.99	15.72	16.46	16.36	16.26	17.51	21.46	17.36	17.17	17.60
110.0	15.17	15.84	16.47	16.94	16.56	17.78	20.89	17.53	17.31	17.68
112.5	15.39	15.95	16.47	17.48	16.87	17.98	20.19	17.48	17.45	17.77
115.0	15.61	16.07	16.47	17.86	17.17	18.09	19.56	17.35	17.55	17.87
117.5	15.84	16.18	16.47	18.15	17.44	17.96	18.76	17.27	17.64	17.88
120.0	16.04	16.29	16.49	18.16	17.71	17.75	18.13	17.15	17.71	17.65
122.5	16.21	16.44	16.63	18.25	17.98	17.75	17.78	17.23	17.74	17.80
125.0	16.38	16.65	16.87	18.40	18.19	17.81	17.62	17.38	17.76	18.08
127.5	16.50	16.87	17.15	18.48	18.37	17.96	17.67	17.58	17.81	18.31
130.0	16.63	17.11	17.46	18.47	18.50	17.72	17.79	17.81	17.94	18.50
132.5	16.77	17.37	17.82	18.68	18.70	17.27	18.04	18.05	18.13	18.17
135.0	16.94	17.63	18.21	18.93	18.94	17.33	18.32	18.27	18.34	18.71
137.5	17.11	17.91	18.48	19.22	19.17	18.51	18.66	18.60	18.63	19.13
140.0	17.32	18.22	18.04	19.70	19.14	19.43	19.05	19.01	18.98	19.60
142.5	17.60	18.55	18.34	19.41	17.79	18.84	19.41	19.49	19.38	20.12
145.0	17.96	18.74	19.17	18.38	18.05	19.49	19.69	18.91	19.87	20.68
147.5	18.44	18.79	19.45	18.72	18.27	19.07	19.53	17.68	20.36	21.26
150.0	18.80	18.87	19.62	19.31	18.76	19.36	18.30	18.51	20.83	21.89
152.5	19.00	19.21	19.43	20.38	19.33	19.77	18.32	21.09	20.44	22.54
155.0	19.52	19.36	20.25	20.02	20.01	20.04	20.09	21.30	19.12	20.42
157.5	19.97	19.84	19.94	20.35	20.67	20.63	19.59	19.74	19.76	20.64
160.0	20.28	20.12	20.23	20.86	21.17	21.13	19.49	20.09	20.29	21.22
162.5	20.76	20.44	20.49	21.44	21.64	21.39	19.85	20.23	20.80	22.30
165.0	21.03	20.92	20.94	22.00	22.23	21.84	20.21	20.50	21.41	23.27
167.5	21.40	21.45	21.42	22.50	22.76	22.40	20.72	20.98	21.87	24.90
170.0	21.91	21.81	21.90	23.05	23.01	22.93	21.22	21.42	22.10	23.53
172.5	22.26	22.18	22.30	23.47	23.31	23.41	21.69	21.83	22.44	23.68
175.0	22.41	22.56	22.70	23.63	23.61	23.80	22.09	22.13	22.69	23.69
177.5	22.56	22.63	22.89	23.79	23.81	24.15	22.45	22.36	22.86	23.79
180.0	22.61	22.63	22.97	23.85	23.90	24.70	22.59	22.63	22.94	23.86

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	1136	1136
2.5	1102	1176
5.0	1076	1099
7.5	1171	1168
10.0	1172	1176
12.5	1199	1319
15.0	1269	1369
17.5	1326	1401
20.0	1318	1404
22.5	1410	1437
25.0	1505	1402
27.5	1510	1417
30.0	1549	1428
32.5	1564	1419
35.0	1575	1405
37.5	1550	1380
40.0	1498	1307
42.5	1452	1243
45.0	1376	1177
47.5	1291	1111
50.0	1202	1042
52.5	1104	962.0
55.0	997.8	860.7
57.5	871.4	744.6
60.0	736.2	631.2
62.5	612.5	530.1
65.0	502.6	437.4
67.5	404.9	356.2
70.0	320.6	283.5
72.5	249.0	220.5
75.0	189.9	166.9
77.5	141.1	122.1
80.0	101.5	86.73
82.5	72.26	60.98
85.0	50.75	41.45
87.5	31.34	23.61
90.0	17.82	14.30
92.5	17.76	13.95
95.0	17.83	13.93
97.5	17.95	14.22
100.0	18.04	14.60
102.5	18.16	15.08
105.0	18.23	15.56
107.5	18.32	16.10
110.0	18.37	16.78
112.5	18.41	17.50
115.0	18.46	18.19
117.5	18.48	18.82
120.0	18.50	19.30
122.5	18.64	19.62
125.0	18.92	20.02
127.5	19.21	20.29
130.0	19.66	20.65
132.5	20.09	20.95
135.0	20.64	21.31
137.5	21.18	21.65
140.0	21.68	22.00
142.5	22.15	22.38
145.0	22.57	22.82
147.5	22.99	23.27
150.0	23.24	23.76
152.5	23.59	24.21
155.0	23.91	24.52
157.5	24.38	25.00
160.0	24.76	24.50
162.5	24.14	24.59
165.0	24.27	24.92
167.5	24.79	25.17
170.0	24.40	24.86
172.5	23.77	24.49
175.0	24.07	24.42
177.5	23.98	24.63
180.0	23.93	24.68

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: