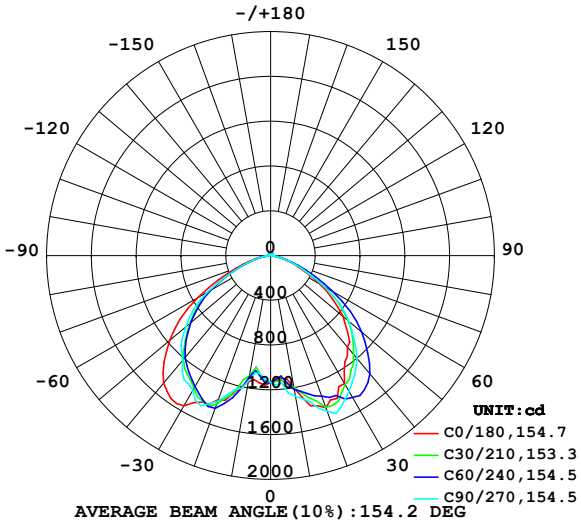
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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:

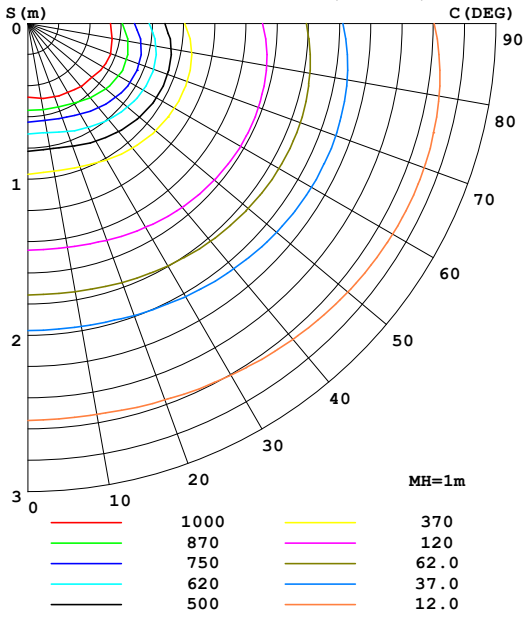
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 139.96 lm/W	
MODEET01-60 50 40 30 20W-TCP		Imax(cd)	1602	S/MH(C0/180)	1.75
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.64
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4337.1	η UP,DN(C0-180)	1.2,47.3
NOMINAL FLUX(lm)	4337.13	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.2
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%):154.2 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	1195	1202	1275	1290	1144	1098	1136	1198	0- 10	109.0	109.0	2.51,2.51
20	1445	1389	1479	1522	1371	1432	1386	1375	10- 20	374.6	483.7	11.2,11.2
30	1321	1398	1401	1461	1549	1359	1389	1482	20- 30	666.6	1150	26.5,26.5
40	1069	1267	1201	1259	1489	1198	1224	1359	30- 40	846.4	1997	46,46
50	843.0	982.6	916.0	984.4	1175	936.2	991.2	1065	40- 50	874.0	2871	66.2,66.2
60	506.9	597.8	553.5	581.1	747.9	623.4	644.0	656.3	50- 60	724.3	3595	82.9,82.9
70	216.8	246.2	233.1	252.2	326.7	274.2	273.0	286.9	60- 70	419.8	4015	92.6,92.6
80	62.34	65.13	68.76	75.14	102.7	80.97	85.34	89.78	70- 80	167.5	4182	96.4,96.4
90	14.91	14.26	13.41	15.17	21.29	15.77	15.72	15.47	80- 90	43.71	4226	97.4,97.4
100	14.72	15.18	14.24	15.67	22.37	16.00	16.59	15.75	90-100	17.16	4243	97.8,97.8
110	15.49	15.58	16.11	16.79	21.62	16.96	16.98	16.97	100-110	17.46	4261	98.2,98.2
120	16.39	15.80	17.30	17.39	18.88	17.06	16.99	18.32	110-120	16.98	4278	98.6,98.6
130	17.04	16.68	17.57	17.66	18.51	17.51	17.77	19.58	120-130	15.68	4293	99,99
140	17.79	17.53	18.84	18.80	19.83	18.57	18.79	21.37	130-140	14.17	4307	99.3,99.3
150	19.31	18.60	18.53	18.61	18.96	19.27	21.02	22.98	140-150	12.11	4320	99.6,99.6
160	20.86	19.59	20.00	20.65	20.16	19.64	20.33	23.97	150-160	9.378	4329	99.8,99.8
170	22.57	21.24	22.08	22.40	21.90	21.17	22.52	23.94	160-170	6.074	4335	100,100
180	23.28	22.16	22.84	23.66	23.27	22.14	22.85	23.68	170-180	2.148	4337	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2441.7 lm

%lum = 56.3%
%lamp = 56.3%

Conical surface Flux(130deg): 3844 lm

%lum = 88.6%
%lamp = 88.6%

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

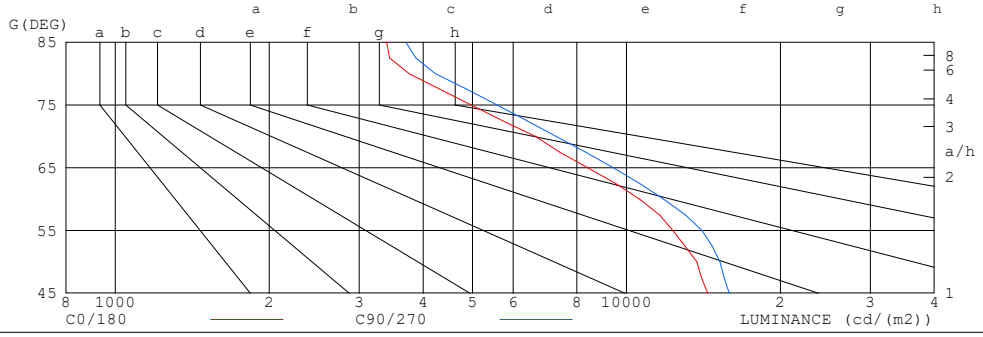
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz **UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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 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	3395	3701
80	3759	4230
75	4965	5583
70	6637	7281
65	8392	9426
60	10614	11827
55	12328	14048
50	13731	15224
45	14425	15890

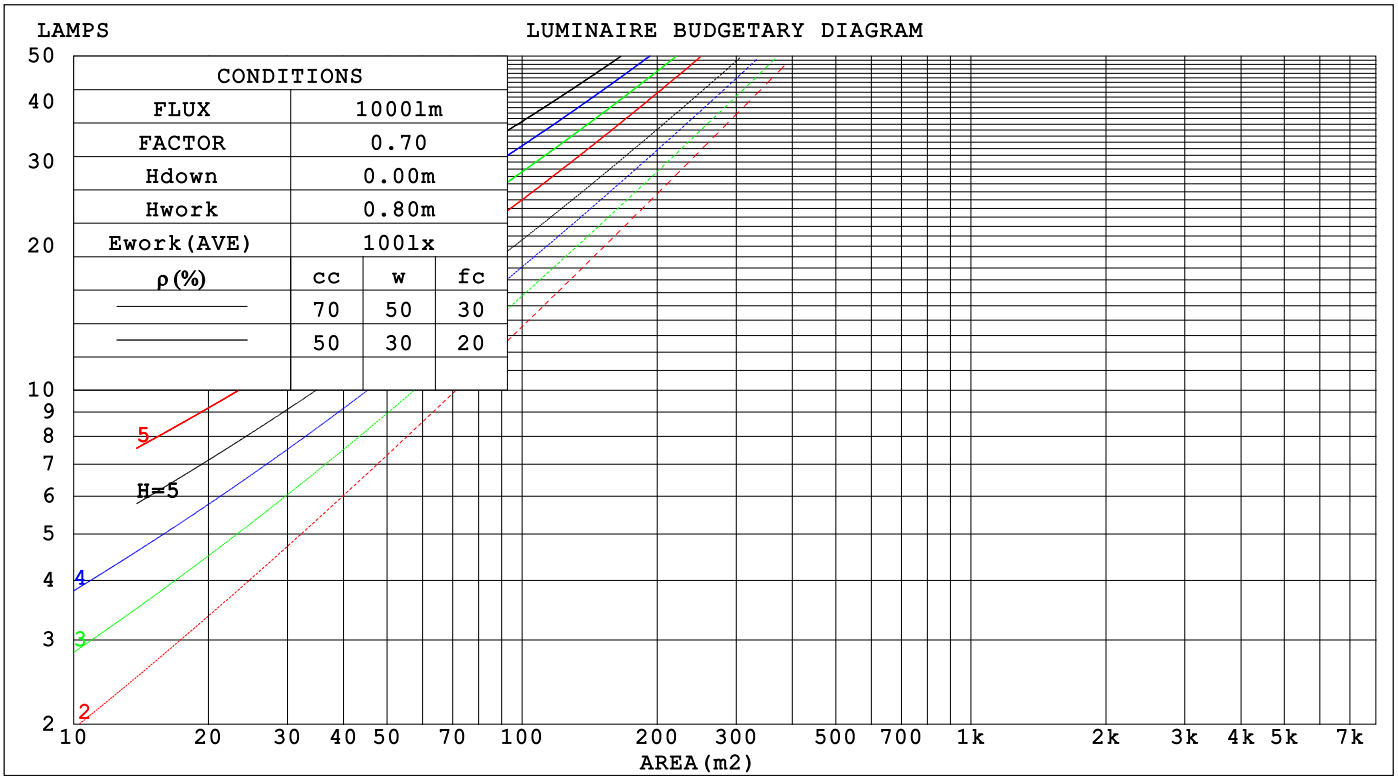
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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	.98	.95	.92	.93	.91	.89	.89	.87	.86	.83
2.0	.92	.86	.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	.68	.61	.55	.65	.59	.54	.62	.57	.53	.51
5.0	.64	.55	.49	.63	.55	.48	.60	.53	.48	.58	.52	.47	.56	.51	.46	.44
6.0	.58	.49	.42	.56	.48	.42	.54	.47	.42	.52	.46	.41	.51	.45	.41	.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	.33	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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	.282	.161	.051	.275	.157	.050	.260	.149	.048	.247	.142	.046	.234	.136	.044	
2.0	.272	.149	.046	.265	.146	.045	.252	.140	.044	.240	.135	.042	.229	.130	.041	
3.0	.255	.136	.041	.249	.134	.040	.238	.129	.039	.227	.125	.038	.218	.120	.037	
4.0	.239	.124	.036	.233	.122	.036	.223	.118	.035	.214	.115	.035	.205	.111	.034	
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.200	.106	.031	.192	.103	.031	
6.0	.208	.104	.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	.088	.026	
8.0	.183	.089	.025	.179	.088	.025	.173	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.080	.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	.123	.123	.123	.070	.070	.070	.023	.023	.023	
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	.073	.064	.053	.043	.021	.017	.014	
3.0	.182	.134	.096	.156	.116	.083	.107	.080	.059	.062	.047	.035	.020	.015	.011	
4.0	.174	.121	.080	.150	.104	.069	.103	.073	.049	.059	.043	.029	.019	.014	.010	
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	.083	.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	.122	.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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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	22.8	21.7	23.1	23.3	22.3	23.7	22.6	23.9	24.2
3H	22.0	23.3	22.3	23.6	23.8	22.8	24.2	23.2	24.4	24.7
4H	22.1	23.3	22.4	23.6	23.9	23.0	24.2	23.3	24.5	24.8
6H	22.1	23.3	22.5	23.6	23.9	23.0	24.2	23.4	24.5	24.8
8H	22.1	23.2	22.5	23.6	23.9	23.0	24.1	23.4	24.4	24.8
12H	22.1	23.2	22.5	23.5	23.9	23.0	24.1	23.4	24.4	24.7
4H 2H	21.8	23.1	22.2	23.4	23.7	22.6	23.8	22.9	24.1	24.4
3H	22.5	23.6	22.9	24.0	24.3	23.3	24.4	23.7	24.7	25.1
4H	22.7	23.7	23.1	24.1	24.4	23.5	24.5	23.9	24.8	25.2
6H	22.8	23.7	23.2	24.1	24.5	23.6	24.5	24.0	24.9	25.3
8H	22.8	23.6	23.3	24.0	24.5	23.6	24.4	24.1	24.8	25.3
12H	22.8	23.5	23.3	24.0	24.4	23.6	24.3	24.1	24.8	25.2
8H 4H	22.8	23.6	23.2	24.0	24.4	23.5	24.3	23.9	24.7	25.2
6H	22.9	23.6	23.4	24.0	24.5	23.7	24.3	24.1	24.8	25.2
8H	22.9	23.5	23.4	24.0	24.5	23.7	24.3	24.2	24.8	25.3
12H	23.0	23.5	23.5	24.0	24.5	23.7	24.2	24.3	24.7	25.3
12H 4H	22.7	23.5	23.2	23.9	24.4	23.5	24.2	23.9	24.6	25.1
6H	22.9	23.5	23.4	23.9	24.4	23.6	24.2	24.1	24.7	25.2
8H	22.9	23.4	23.5	23.9	24.5	23.7	24.2	24.2	24.7	25.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.5				
1.5H	+ 0.4 / - 0.9					+ 0.6 / - 0.9				
2.0H	+ 0.5 / - 1.0					+ 0.7 / - 1.2				

CIE Pub.117, 4337 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.1)
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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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:

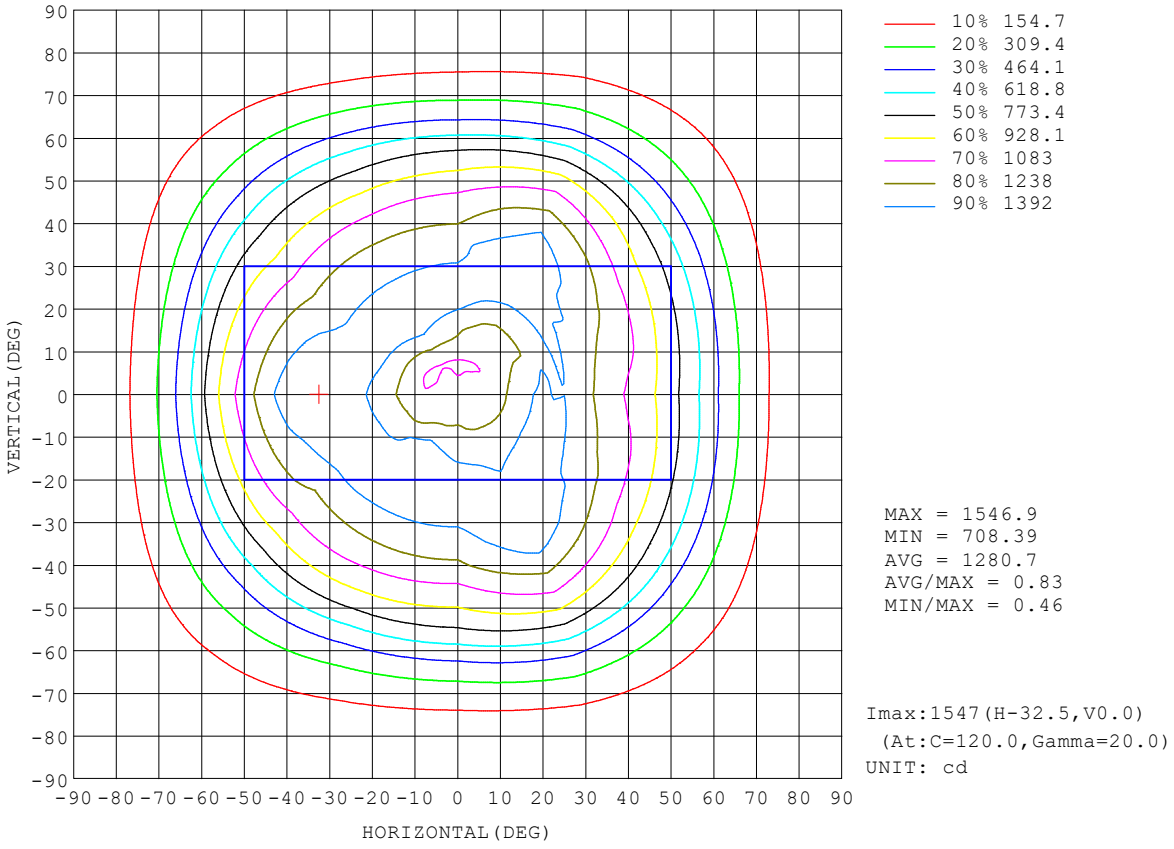
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	57	50	67	56	50	65	55	49	42
1.00	77	66	59	76	66	59	73	67	58	51
1.25	84	74	68	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	84	77	72	64
2.00	96	88	82	94	87	81	90	84	79	72
2.50	100	92	87	98	91	86	94	88	84	75
3.00	103	97	91	101	95	90	96	92	88	79
4.00	107	101	97	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	101	98	95	86
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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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:



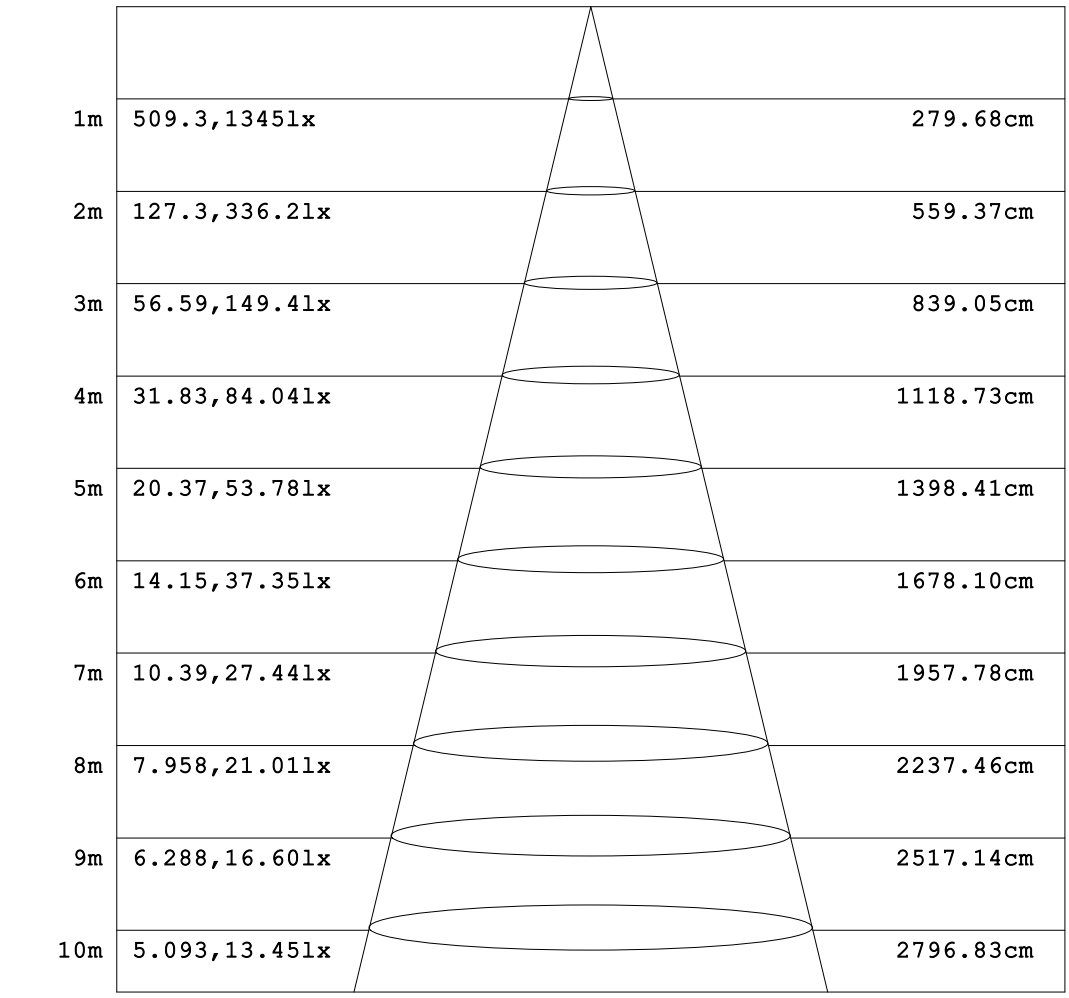
C Range: 0 - 360DEG
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Test Speed: HIGH
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Test Date:16 October 2026

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:

AAI Figure

Test:U:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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:3264 lm



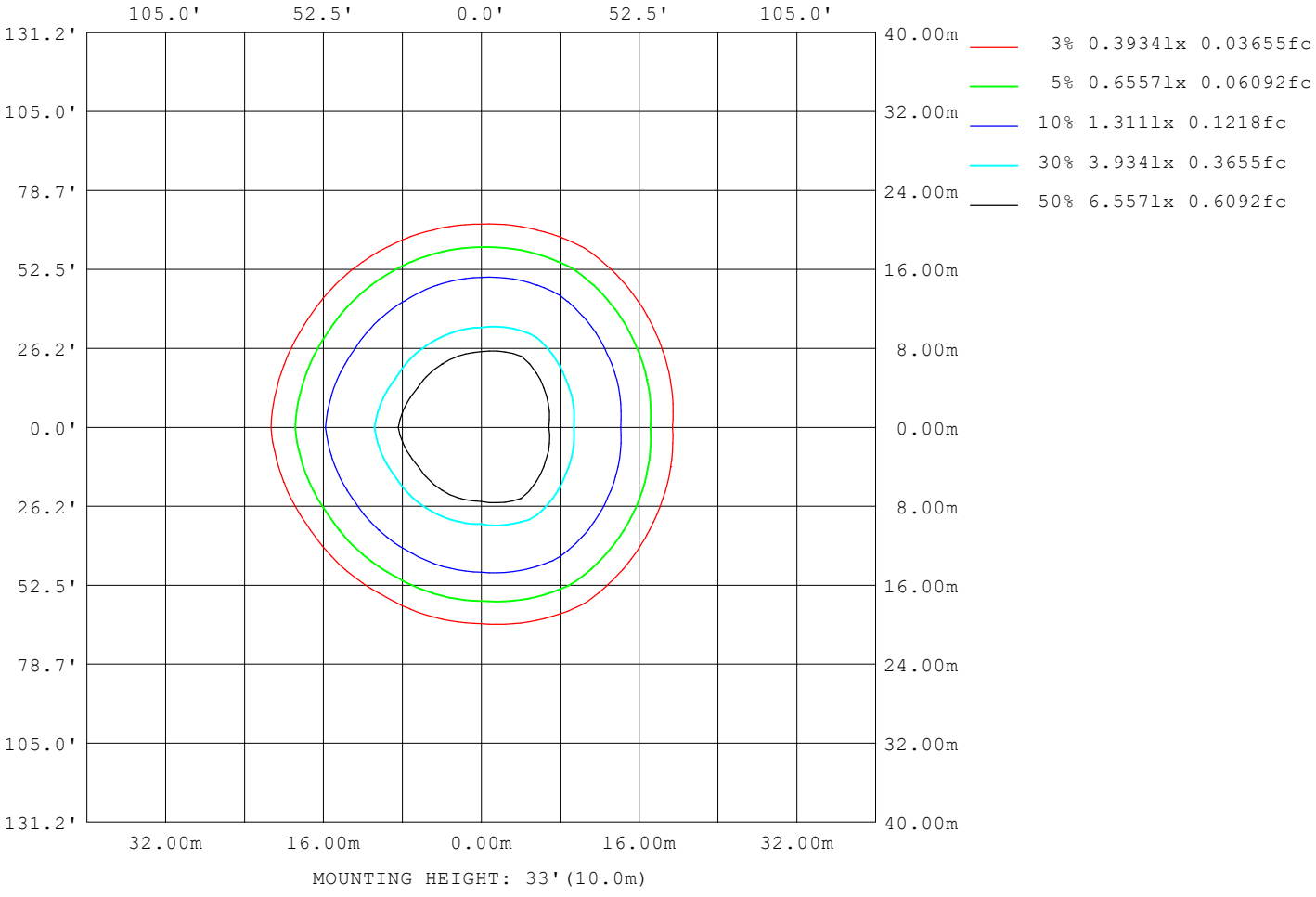
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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:

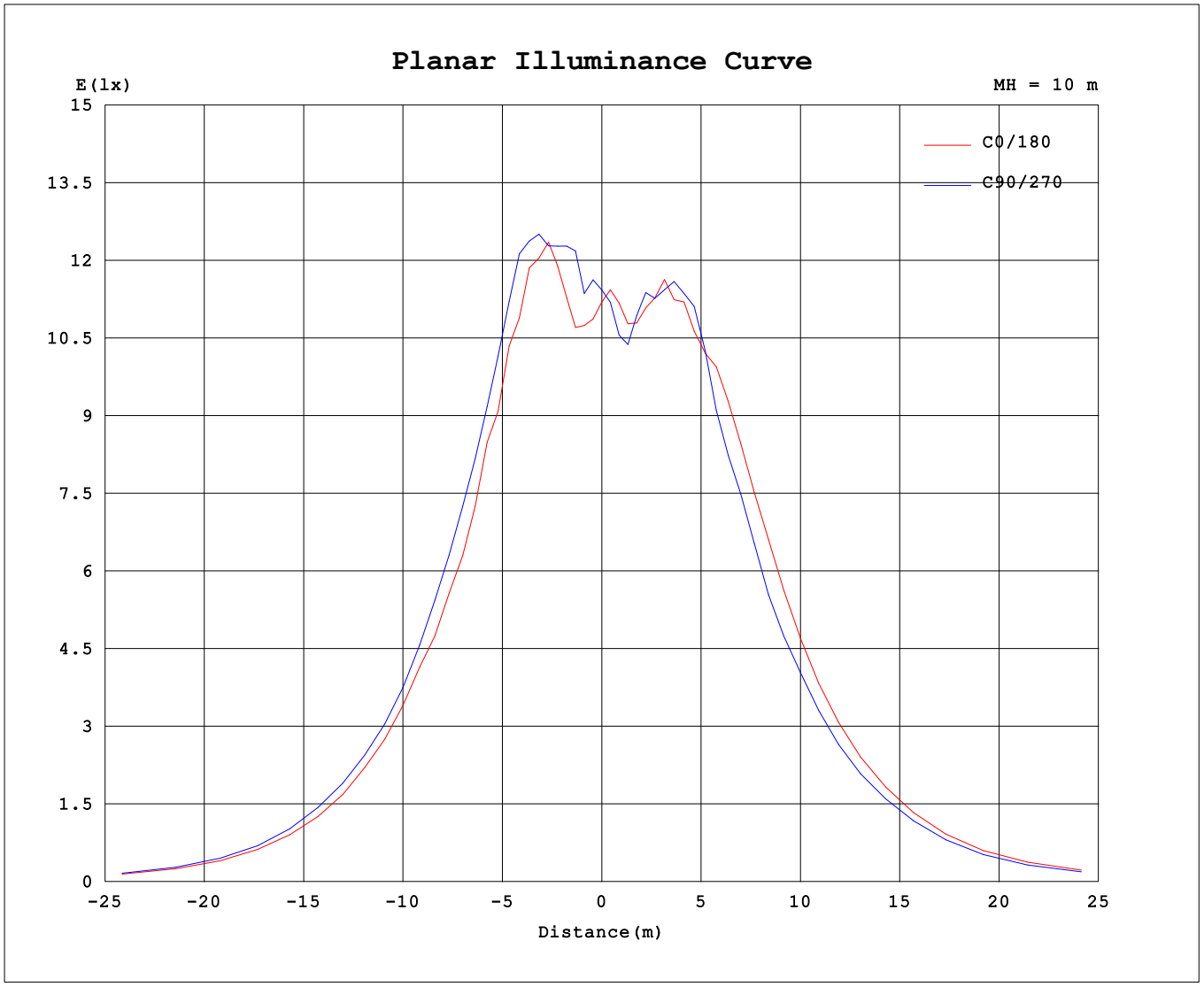
AvgL	cd/m2
L_0~180(65)av	10665
L_0~180(75)av	6441
L_0~180(85)av	4869
L_90~270(65)av	10075
L_90~270(75)av	6069
L_90~270(85)av	4384
L_45(65)av	10496
L_45(75)av	6213
L_45(85)av	4412

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:119.92V I:0.2620A P:30.988W PF:0.9862 Freq:60.01Hz UTHDi:0.23% ITHDi:7.45% KDisp:0.0000 Lamp Flux:4337.13x1 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	1133	1133	1133	1133	1133	1133	1133	1133	1133	1133	1133	1133							
5	1099	1114	1079	1140	1266	1142	1144	1069	1081	1059	1157	1155							
10	1195	1190	1214	1275	1406	1178	1144	1092	1105	1136	1216	1179							
15	1387	1314	1277	1351	1566	1344	1266	1283	1315	1240	1210	1249							
20	1445	1442	1337	1479	1602	1444	1371	1412	1452	1386	1372	1378							
25	1407	1437	1380	1493	1564	1474	1445	1435	1428	1480	1507	1436							
30	1321	1333	1464	1401	1489	1434	1549	1367	1351	1389	1571	1396							
35	1160	1251	1463	1308	1391	1351	1559	1297	1275	1352	1586	1298							
40	1069	1154	1378	1201	1274	1245	1489	1209	1187	1224	1500	1224							
45	974	1038	1227	1052	1135	1136	1346	1081	1069	1133	1371	1087							
50	843	905	1059	916	979	989	1175	944	929	991	1194	940							
55	675	742	869	754	783	811	984	805	781	843	989	787							
60	507	557	639	554	564	597	748	636	611	644	728	587							
65	339	365	431	373	381	409	512	437	424	431	496	403							
70	217	225	267	233	239	265	327	276	272	273	316	259							
75	123	124	148	135	143	150	192	160	152	161	187	152							
80	62.3	59.2	71.0	68.8	72.5	77.6	103	82.2	79.7	85.3	101	79.3							
85	28.3	25.1	29.7	30.2	33.5	37.5	51.9	38.7	38.9	41.9	50.3	38.2							
90	14.9	13.0	15.5	13.4	15.3	15.1	21.3	15.2	16.3	15.7	17.6	13.4							
95	14.8	14.0	15.5	13.6	15.3	15.3	21.9	15.2	15.9	16.2	17.7	13.0							
100	14.7	14.7	15.6	14.2	15.6	15.7	22.4	15.8	16.2	16.6	17.9	13.6							
105	15.1	15.1	15.7	15.1	16.1	16.3	22.4	16.5	16.5	16.8	18.2	14.5							
110	15.5	15.4	15.8	16.1	16.7	16.9	21.6	17.2	16.7	17.0	18.4	15.6							
115	15.9	15.6	15.8	17.1	17.4	17.2	20.3	17.1	17.0	17.2	18.5	16.9							
120	16.4	15.9	15.8	17.3	17.9	16.9	18.9	16.9	17.2	17.0	18.6	18.1							
125	16.8	16.2	16.1	17.5	18.4	17.0	18.3	17.2	17.2	17.4	19.1	18.7							
130	17.0	16.7	16.7	17.6	18.7	16.7	18.5	17.6	17.4	17.8	19.9	19.3							
135	17.4	17.2	17.4	18.0	19.1	16.5	19.0	18.1	17.8	17.9	20.8	20.0							
140	17.8	17.8	17.3	18.8	19.2	18.4	19.8	18.7	18.4	18.8	21.9	20.9							
145	18.5	18.3	18.4	17.6	18.1	18.4	20.5	18.7	19.3	19.8	22.8	21.6							
150	19.3	18.4	18.7	18.5	18.9	18.4	19.0	18.3	20.3	21.0	23.4	22.5							
155	20.1	18.9	19.4	19.2	20.1	19.0	20.9	20.9	18.5	19.6	24.0	23.2							
160	20.9	19.7	19.5	20.0	21.3	20.0	20.2	19.7	19.6	20.3	24.8	23.1							
165	21.7	20.5	20.2	21.1	22.3	20.7	20.9	20.1	20.7	22.2	24.4	23.4							
170	22.6	21.3	21.1	22.1	23.1	21.7	21.9	21.0	21.3	22.5	24.5	23.4							
175	23.1	22.1	21.9	22.6	23.7	22.5	22.8	21.7	21.9	22.7	24.2	23.1							
180	23.3	22.2	22.2	22.8	24.0	23.4	23.3	22.1	22.1	22.9	24.0	23.4							

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	1133	1133	1133	1133	1133	1133	1133	1133	1133	1133
2.5	1103	1126	1112	1156	1191	1130	1161	1123	1138	1113
5.0	1099	1114	1079	1140	1266	1142	1144	1069	1081	1059
7.5	1112	1159	1148	1240	1275	1176	1119	1004	1036	1056
10.0	1195	1190	1214	1275	1406	1178	1144	1092	1105	1136
12.5	1293	1250	1244	1309	1465	1276	1205	1135	1214	1212
15.0	1387	1314	1277	1351	1566	1344	1266	1283	1315	1240
17.5	1405	1363	1314	1430	1579	1372	1357	1328	1385	1307
20.0	1445	1442	1337	1479	1602	1444	1371	1412	1452	1386
22.5	1398	1448	1371	1526	1592	1510	1437	1460	1459	1429
25.0	1407	1437	1380	1493	1564	1474	1445	1435	1428	1480
27.5	1319	1375	1444	1443	1530	1440	1480	1417	1390	1456
30.0	1321	1333	1464	1401	1489	1434	1549	1367	1351	1389
32.5	1224	1309	1484	1351	1442	1417	1565	1327	1313	1362
35.0	1160	1251	1463	1308	1391	1351	1559	1297	1275	1352
37.5	1130	1220	1427	1253	1335	1283	1524	1265	1234	1298
40.0	1069	1154	1378	1201	1274	1245	1489	1209	1187	1224
42.5	1046	1098	1307	1132	1208	1204	1423	1150	1132	1175
45.0	974.3	1038	1227	1052	1135	1136	1346	1081	1069	1133
47.5	904.2	976.0	1145	981.3	1061	1065	1260	1012	999.8	1065
50.0	843.0	905.1	1059	916.0	979.4	989.2	1175	943.6	928.9	991.2
52.5	757.4	820.8	968.8	838.5	889.2	907.1	1082	874.6	854.6	917.8
55.0	675.4	741.8	868.7	754.3	783.5	810.7	984.2	805.5	780.6	842.8
57.5	595.1	655.5	754.0	655.2	670.4	700.6	871.9	725.8	701.5	753.3
60.0	506.9	556.6	638.6	553.5	564.2	597.4	747.9	635.7	611.3	644.0
62.5	419.8	456.9	528.4	458.6	467.8	497.7	623.9	532.8	516.6	530.7
65.0	338.8	365.5	430.9	372.9	380.9	408.7	512.2	437.1	424.2	431.0
67.5	270.4	295.3	342.5	297.7	303.3	329.5	413.8	351.9	340.5	346.2
70.0	216.8	225.1	267.1	233.1	239.2	264.7	326.7	276.4	272.0	273.0
72.5	164.4	169.4	201.2	179.6	185.1	199.9	252.7	212.9	203.7	212.3
75.0	122.7	123.5	147.7	135.3	143.5	149.7	192.0	159.5	152.2	161.3
77.5	89.31	86.84	104.7	98.73	101.9	108.7	142.9	116.2	111.7	119.1
80.0	62.34	59.19	71.02	68.76	72.54	77.64	102.7	82.23	79.72	85.34
82.5	42.88	39.26	46.56	47.28	51.40	55.31	72.89	56.32	55.54	59.81
85.0	28.26	25.14	29.68	30.19	33.54	37.48	51.85	38.69	38.92	41.95
87.5	16.56	14.07	16.59	15.67	17.72	20.81	34.56	25.26	26.12	26.90
90.0	14.91	13.02	15.48	13.41	15.26	15.09	21.29	15.24	16.29	15.72
92.5	14.79	13.52	15.47	13.44	15.25	15.21	21.50	15.05	15.83	15.89
95.0	14.75	13.99	15.50	13.62	15.30	15.34	21.90	15.25	15.92	16.21
97.5	14.70	14.39	15.57	13.89	15.44	15.52	22.18	15.51	16.06	16.44
100.0	14.72	14.72	15.63	14.24	15.62	15.71	22.37	15.81	16.20	16.59
102.5	14.90	14.97	15.69	14.63	15.85	16.00	22.47	16.11	16.33	16.68
105.0	15.11	15.13	15.73	15.10	16.10	16.31	22.41	16.52	16.46	16.79
107.5	15.29	15.28	15.76	15.61	16.39	16.61	22.34	16.99	16.58	16.90
110.0	15.49	15.40	15.76	16.11	16.71	16.87	21.62	17.18	16.74	16.98
112.5	15.69	15.53	15.76	16.64	17.04	17.08	20.99	17.19	16.89	17.06
115.0	15.93	15.65	15.76	17.06	17.35	17.17	20.30	17.11	17.01	17.17
117.5	16.17	15.75	15.75	17.28	17.65	17.04	19.51	17.04	17.13	17.19
120.0	16.39	15.85	15.75	17.30	17.92	16.88	18.88	16.94	17.18	16.99
122.5	16.58	16.00	15.90	17.39	18.20	16.90	18.49	17.00	17.20	17.14
125.0	16.76	16.21	16.12	17.51	18.39	16.95	18.32	17.19	17.21	17.40
127.5	16.89	16.42	16.39	17.58	18.58	17.03	18.35	17.37	17.27	17.70
130.0	17.04	16.66	16.70	17.57	18.68	16.67	18.51	17.61	17.41	17.77
132.5	17.21	16.92	17.04	17.78	18.89	16.32	18.75	17.82	17.58	17.45
135.0	17.38	17.19	17.41	18.04	19.13	16.49	19.04	18.06	17.75	17.95
137.5	17.55	17.46	17.67	18.35	19.33	17.67	19.41	18.37	18.05	18.36
140.0	17.79	17.77	17.29	18.84	19.18	18.44	19.83	18.73	18.40	18.79
142.5	18.07	18.09	17.63	18.54	17.88	17.92	20.19	19.22	18.83	19.30
145.0	18.45	18.27	18.37	17.63	18.14	18.38	20.49	18.69	19.32	19.84
147.5	18.94	18.34	18.62	17.95	18.38	18.06	20.28	17.38	19.78	20.41
150.0	19.31	18.44	18.75	18.53	18.86	18.38	18.96	18.27	20.26	21.02
152.5	19.58	18.79	18.70	19.53	19.42	18.75	19.00	20.81	19.69	21.60
155.0	20.12	18.94	19.43	19.15	20.12	19.01	20.86	20.95	18.49	19.57
157.5	20.52	19.42	19.20	19.49	20.79	19.57	20.26	19.37	19.13	19.81
160.0	20.86	19.68	19.50	20.00	21.29	20.04	20.16	19.69	19.60	20.33
162.5	21.37	19.99	19.76	20.54	21.75	20.28	20.52	19.84	20.11	21.39
165.0	21.66	20.48	20.19	21.08	22.34	20.68	20.87	20.12	20.70	22.18
167.5	22.02	21.01	20.66	21.56	22.88	21.20	21.38	20.58	21.10	23.75
170.0	22.57	21.35	21.14	22.08	23.12	21.70	21.90	21.01	21.34	22.52
172.5	22.95	21.70	21.53	22.49	23.39	22.15	22.37	21.39	21.66	22.64
175.0	23.11	22.09	21.91	22.65	23.70	22.51	22.78	21.70	21.90	22.67
177.5	23.22	22.17	22.09	22.79	23.89	22.84	23.17	21.90	22.06	22.78
180.0	23.28	22.15	22.16	22.84	23.98	23.36	23.27	22.14	22.14	22.85

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	1133	1133
2.5	1151	1108
5.0	1157	1155
7.5	1106	1122
10.0	1216	1179
12.5	1232	1211
15.0	1210	1249
17.5	1257	1253
20.0	1372	1378
22.5	1406	1388
25.0	1507	1436
27.5	1497	1399
30.0	1571	1396
32.5	1585	1317
35.0	1586	1298
37.5	1541	1271
40.0	1500	1224
42.5	1451	1163
45.0	1371	1087
47.5	1284	1009
50.0	1194	940.4
52.5	1098	869.4
55.0	988.8	787.0
57.5	861.9	689.8
60.0	728.5	586.8
62.5	604.3	491.2
65.0	495.5	403.3
67.5	400.0	326.6
70.0	315.9	258.9
72.5	245.6	201.3
75.0	187.3	152.1
77.5	139.5	111.3
80.0	100.6	79.35
82.5	71.59	55.95
85.0	50.34	38.20
87.5	31.05	21.77
90.0	17.65	13.36
92.5	17.58	12.99
95.0	17.68	12.99
97.5	17.81	13.28
100.0	17.95	13.63
102.5	18.07	14.05
105.0	18.16	14.49
107.5	18.26	15.00
110.0	18.36	15.62
112.5	18.42	16.24
115.0	18.50	16.94
117.5	18.55	17.55
120.0	18.59	18.06
122.5	18.75	18.47
125.0	19.07	18.72
127.5	19.40	19.04
130.0	19.87	19.31
132.5	20.32	19.74
135.0	20.78	20.05
137.5	21.33	20.45
140.0	21.87	20.90
142.5	22.32	21.24
145.0	22.84	21.63
147.5	23.18	22.05
150.0	23.45	22.53
152.5	23.77	22.88
155.0	24.04	23.16
157.5	24.42	23.61
160.0	24.83	23.13
162.5	24.24	23.25
165.0	24.44	23.44
167.5	24.87	23.73
170.0	24.46	23.45
172.5	23.88	23.20
175.0	24.16	23.10
177.5	24.08	23.31
180.0	24.02	23.35

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: