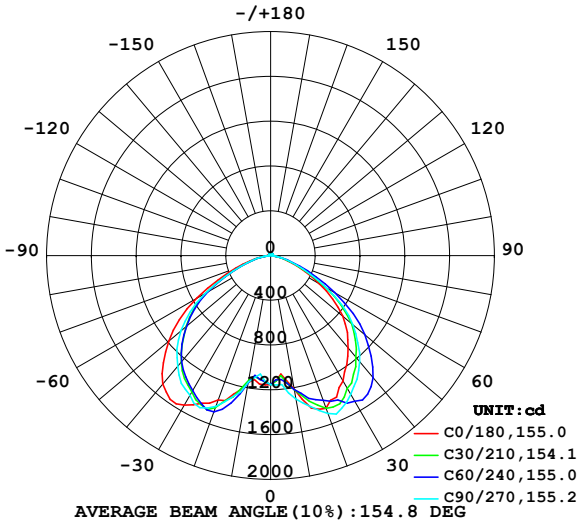
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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:

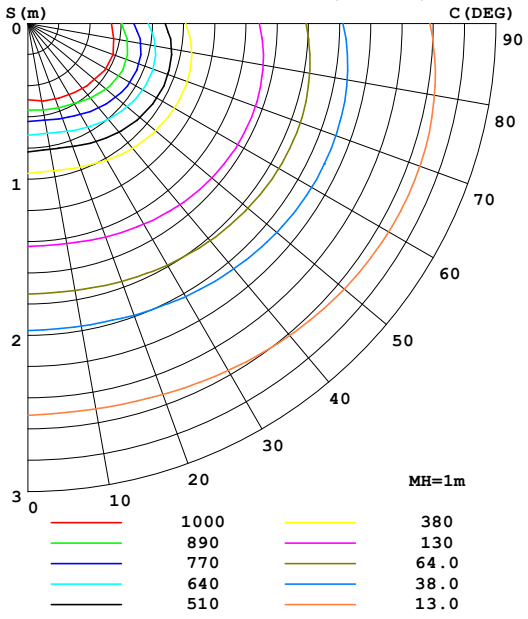
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 148.07 lm/W	
MODEET01-60 50 40 30 20W-TCP		Imax(cd)	1623	S/MH(C0/180)	1.75
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.66
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4462.8	η UP,DN(C0-180)	1.2,47.1
NOMINAL FLUX(lm)	4462.84	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.4
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%):154.8 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	1210	1216	1302	1332	1149	1140	1147	1204	0- 10	110.8	110.8	2.48,2.48
20	1451	1413	1501	1572	1372	1466	1435	1390	10- 20	385.3	496.1	11.1,11.1
30	1294	1436	1432	1493	1543	1401	1442	1508	20- 30	679.3	1175	26.3,26.3
40	1079	1306	1240	1297	1499	1241	1293	1402	30- 40	869.3	2045	45.8,45.8
50	840.0	1021	962.2	1011	1187	982.9	1044	1109	40- 50	901.6	2946	66,66
60	504.7	614.9	573.6	594.7	759.7	655.0	674.8	679.9	50- 60	749.1	3695	82.8,82.8
70	214.1	254.5	243.4	259.4	332.1	287.7	287.2	298.7	60- 70	434.1	4129	92.5,92.5
80	62.96	68.12	71.96	77.36	103.9	84.47	89.51	93.28	70- 80	174.0	4303	96.4,96.4
90	15.07	14.84	13.97	15.57	21.32	16.25	16.33	15.99	80- 90	45.20	4349	97.4,97.4
100	14.85	15.74	14.81	16.11	22.36	16.50	17.21	16.27	90-100	17.66	4366	97.8,97.8
110	15.59	16.13	16.82	17.25	21.62	17.45	17.59	17.50	100-110	17.95	4384	98.2,98.2
120	16.50	16.37	18.02	17.83	18.79	17.52	17.59	18.89	110-120	17.43	4402	98.6,98.6
130	17.13	17.27	18.29	18.14	18.45	17.98	18.42	20.16	120-130	16.09	4418	99,99
140	17.85	18.14	19.57	19.32	19.74	19.09	19.47	21.92	130-140	14.53	4432	99.3,99.3
150	19.38	19.25	19.22	19.12	18.99	19.76	21.77	23.58	140-150	12.42	4445	99.6,99.6
160	20.92	20.21	20.74	21.22	20.15	20.25	21.09	24.67	150-160	9.623	4454	99.8,99.8
170	22.62	21.90	22.90	23.02	21.92	21.82	23.38	24.64	160-170	6.233	4461	100,100
180	23.33	22.85	23.69	24.34	23.33	22.84	23.71	24.35	170-180	2.205	4463	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2502.8 lm

%lum = 56.1%
%lamp = 56.1%

Conical surface Flux(130deg): 3952.8 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

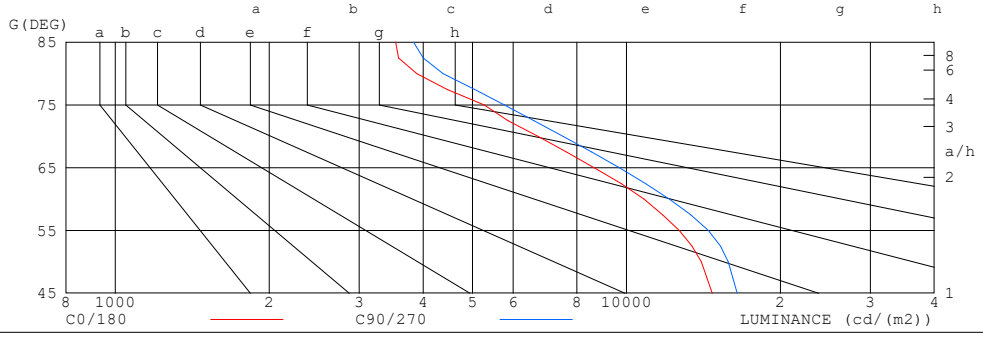
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz **UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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	3536	3834
80	3887	4379
75	5268	5774
70	6712	7519
65	8642	9688
60	10822	12123
55	12675	14472
50	14010	15819
45	14720	16467

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:

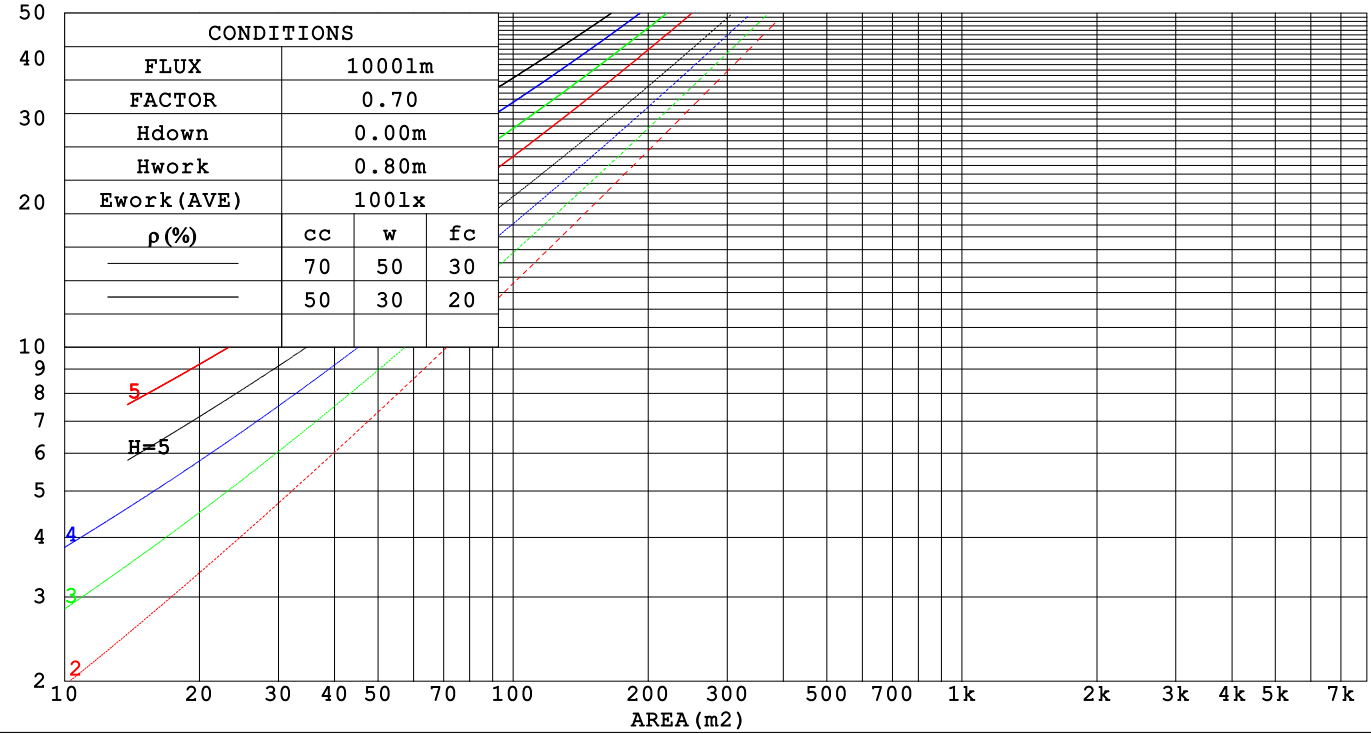
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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	.55	.48	.60	.53	.48	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.54	.47	.42	.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:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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	.275	.157	.050	.261	.150	.048	.247	.143	.046	.235	.136	.044	
2.0	.272	.149	.046	.265	.146	.045	.252	.140	.044	.241	.135	.042	.230	.130	.041	
3.0	.256	.136	.041	.250	.134	.040	.238	.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	.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	.089	.026	
8.0	.183	.089	.025	.179	.088	.025	.173	.086	.025	.167	.084	.024	.161	.082	.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	.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	.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	.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:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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	21.5	22.9	21.8	23.2	23.4	22.4	23.8	22.7	24.0	24.3
3H	22.0	23.4	22.4	23.6	23.9	22.9	24.3	23.3	24.5	24.8
4H	22.2	23.4	22.5	23.7	24.0	23.1	24.3	23.4	24.6	24.9
6H	22.2	23.4	22.6	23.7	24.0	23.1	24.3	23.5	24.6	24.9
8H	22.2	23.3	22.6	23.6	24.0	23.1	24.2	23.5	24.6	24.9
12H	22.2	23.3	22.6	23.6	24.0	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	24.9	25.3
6H	22.9	23.8	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	24.6	23.7	24.5	24.2	24.9	25.4
12H	22.9	23.6	23.4	24.1	24.5	23.7	24.4	24.2	24.9	25.3
8H 4H	22.9	23.7	23.3	24.1	24.5	23.6	24.4	24.1	24.8	25.3
6H	23.0	23.7	23.5	24.1	24.6	23.8	24.4	24.2	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	24.8	25.4
12H 4H	22.8	23.6	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	23.7	24.3	24.2	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 / - 0.5					+ 0.5 / - 0.5				
1.5H	+ 0.4 / - 0.9					+ 0.6 / - 1.0				
2.0H	+ 0.6 / - 1.1					+ 0.7 / - 1.2				

CIE Pub.117, 4463 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:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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:

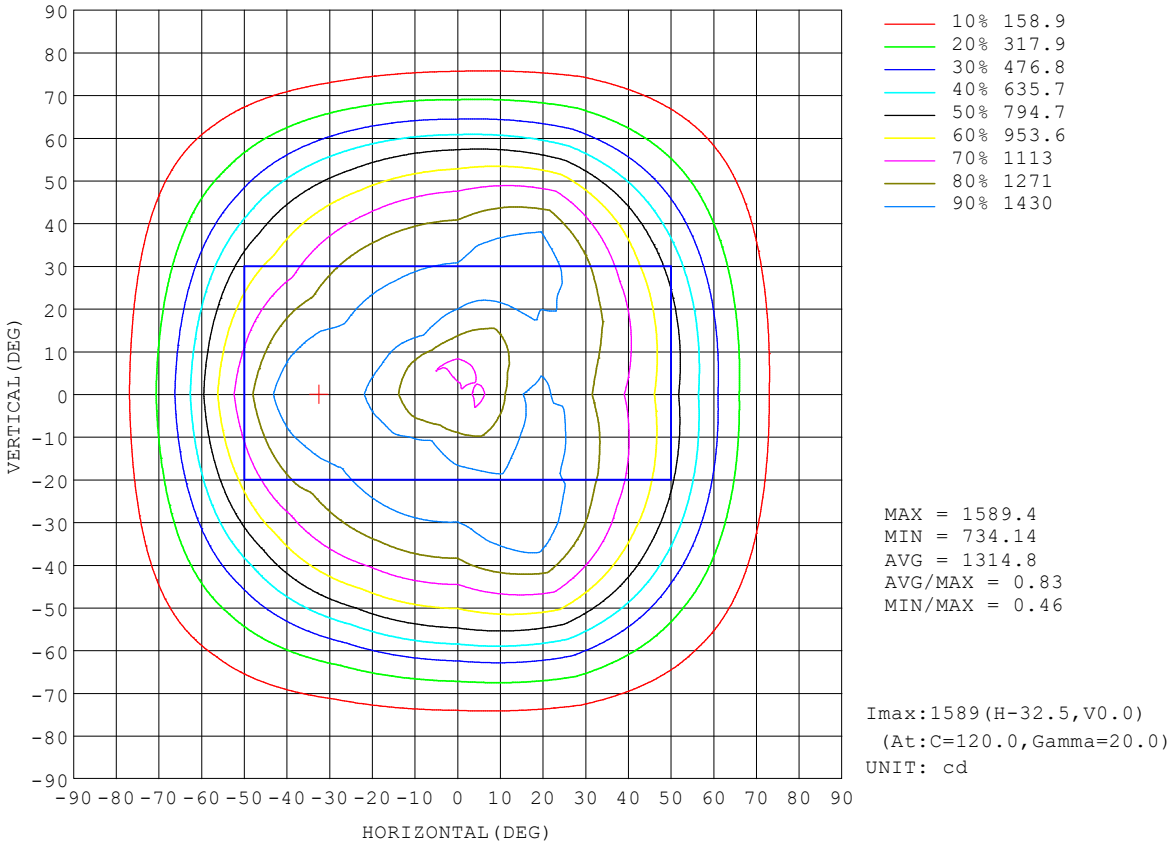
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	50	67	56	49	65	55	49	42
1.00	77	66	59	76	66	59	73	67	58	51
1.25	84	74	67	83	74	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:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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:



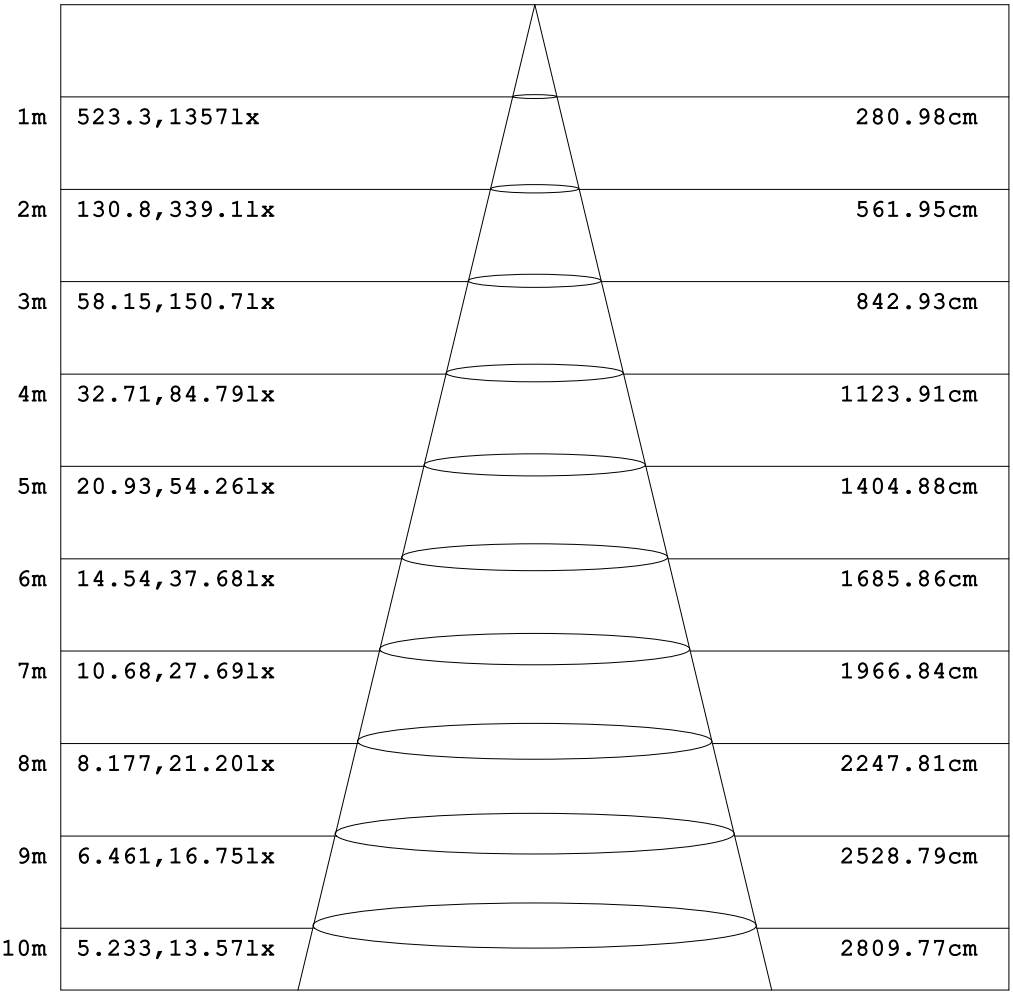
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:

AAI Figure

Test:U:119.92V I:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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:3353 lm



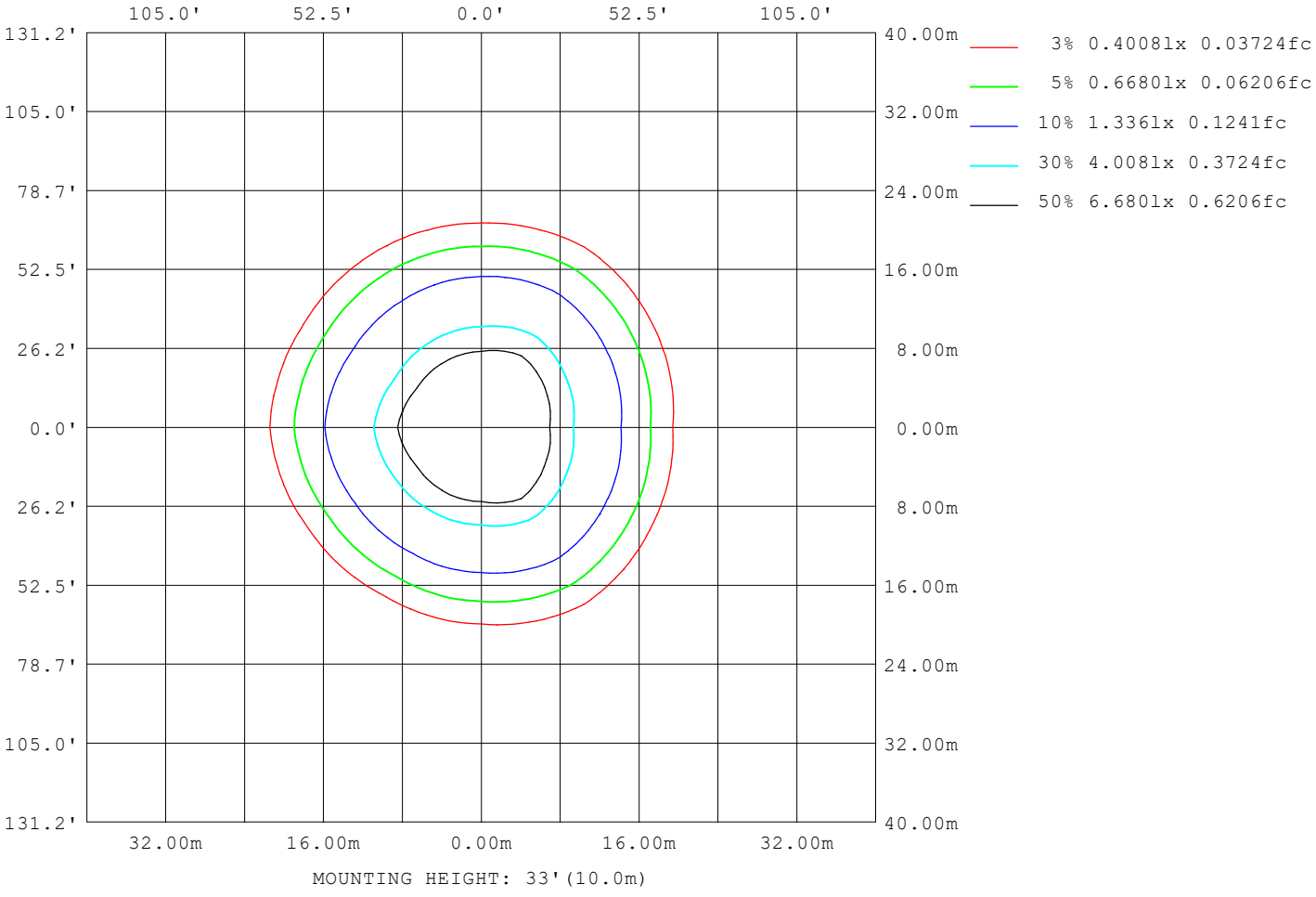
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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:

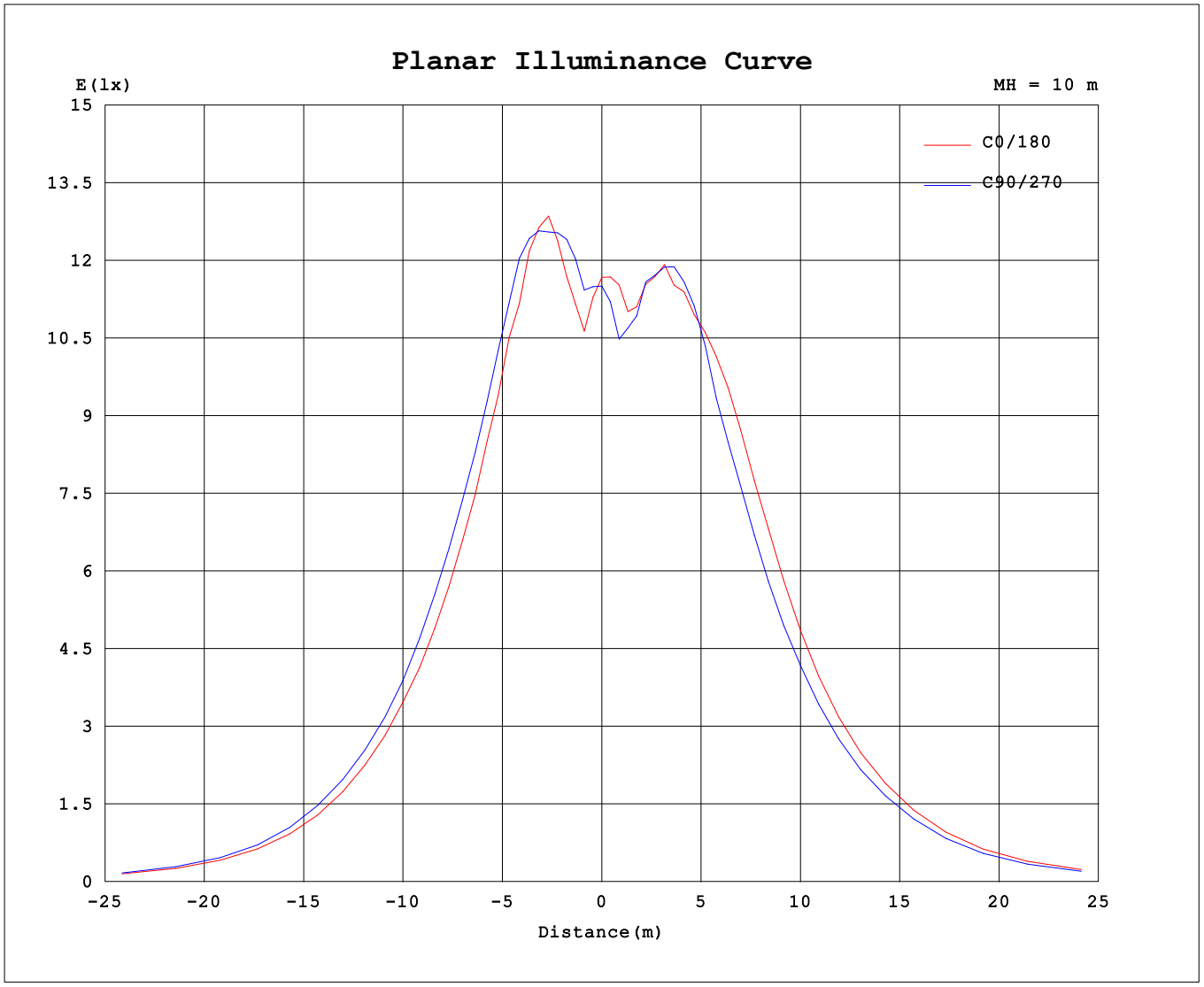
AvgL	cd/m2
L_0~180(65)av	10806
L_0~180(75)av	6596
L_0~180(85)av	4912
L_90~270(65)av	10547
L_90~270(75)av	6362
L_90~270(85)av	4582
L_45(65)av	10911
L_45(75)av	6467
L_45(85)av	4583

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:0.2550A P:30.141W PF:0.9855 Freq:60.01Hz UTHDi:0.25% ITHDi:7.62% KDisp:0.0000 Lamp Flux:4462.84x1 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	1154	1154	1154	1154	1154	1154	1154	1154	1154	1154	1154	1154							
5	1063	1077	1111	1159	1233	1192	1152	1112	1111	1063	1134	1145							
10	1210	1218	1215	1302	1382	1282	1149	1130	1149	1147	1213	1196							
15	1409	1346	1320	1396	1559	1424	1282	1308	1363	1303	1260	1322							
20	1451	1451	1376	1501	1623	1523	1372	1447	1485	1435	1369	1411							
25	1396	1462	1422	1506	1572	1555	1454	1472	1463	1498	1529	1440							
30	1294	1370	1502	1432	1495	1491	1543	1408	1394	1442	1582	1435							
35	1188	1293	1511	1348	1398	1418	1568	1342	1324	1393	1604	1368							
40	1079	1186	1425	1240	1279	1315	1499	1243	1239	1293	1521	1284							
45	971	1072	1269	1102	1137	1200	1357	1116	1122	1185	1394	1148							
50	840	944	1098	962	978	1044	1187	985	981	1044	1216	1004							
55	678	767	902	785	782	850	997	842	827	882	1008	834							
60	505	567	662	574	563	626	760	662	648	675	743	617							
65	341	378	447	387	381	431	522	455	450	454	506	426							
70	214	232	277	243	240	279	332	288	287	287	323	275							
75	127	129	154	141	144	158	195	167	160	169	191	162							
80	63.0	61.9	74.3	72.0	73.2	81.5	104	85.8	83.2	89.5	102	84.1							
85	28.7	26.3	31.3	31.6	33.9	39.2	52.1	40.0	40.3	43.8	51.3	40.4							
90	15.1	13.5	16.2	14.0	15.4	15.7	21.3	15.7	16.8	16.3	18.0	14.0							
95	14.9	14.5	16.2	14.2	15.5	16.0	21.9	15.7	16.5	16.8	18.0	13.6							
100	14.9	15.2	16.3	14.8	15.8	16.4	22.4	16.3	16.7	17.2	18.2	14.3							
105	15.2	15.6	16.4	15.7	16.3	17.0	22.4	17.0	17.0	17.4	18.5	15.2							
110	15.6	15.9	16.4	16.8	16.9	17.6	21.6	17.6	17.3	17.6	18.6	16.4							
115	16.0	16.1	16.4	17.7	17.5	17.9	20.3	17.5	17.5	17.8	18.7	17.8							
120	16.5	16.3	16.4	18.0	18.1	17.6	18.8	17.3	17.7	17.6	18.8	18.9							
125	16.9	16.7	16.8	18.2	18.6	17.6	18.3	17.6	17.8	18.0	19.2	19.6							
130	17.1	17.2	17.4	18.3	18.9	17.4	18.5	18.0	18.0	18.4	20.1	20.3							
135	17.5	17.7	18.1	18.8	19.3	17.2	19.0	18.5	18.3	18.6	21.0	21.0							
140	17.9	18.3	18.0	19.6	19.4	19.2	19.7	19.2	19.0	19.5	22.1	21.8							
145	18.5	18.8	19.1	18.3	18.4	19.2	20.4	19.1	19.9	20.5	23.1	22.5							
150	19.4	19.0	19.5	19.2	19.1	19.1	19.0	18.7	20.8	21.8	23.7	23.5							
155	20.2	19.5	20.2	19.9	20.4	19.8	20.8	21.5	19.1	20.3	24.3	24.2							
160	20.9	20.2	20.2	20.7	21.6	20.9	20.2	20.2	20.3	21.1	25.2	24.2							
165	21.7	21.1	20.9	21.9	22.6	21.6	20.9	20.7	21.4	23.0	24.8	24.5							
170	22.6	21.9	21.9	22.9	23.4	22.6	21.9	21.6	22.1	23.4	24.8	24.5							
175	23.1	22.7	22.7	23.5	24.0	23.5	22.8	22.3	22.7	23.5	24.5	24.1							
180	23.3	22.8	22.9	23.7	24.3	24.4	23.3	22.8	22.9	23.7	24.3	24.3							

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	1154	1154	1154	1154	1154	1154	1154	1154	1154	1154
2.5	1119	1123	1110	1155	1196	1174	1158	1127	1127	1126
5.0	1063	1077	1111	1159	1233	1192	1152	1112	1111	1063
7.5	1131	1150	1151	1238	1287	1223	1116	1090	1079	1100
10.0	1210	1218	1215	1302	1382	1282	1149	1130	1149	1147
12.5	1315	1276	1261	1350	1486	1333	1226	1215	1263	1248
15.0	1409	1346	1320	1396	1559	1424	1282	1308	1363	1303
17.5	1440	1399	1348	1453	1595	1467	1358	1359	1441	1372
20.0	1451	1451	1376	1501	1623	1523	1372	1447	1485	1435
22.5	1400	1463	1410	1531	1603	1570	1428	1490	1492	1473
25.0	1396	1462	1422	1506	1572	1555	1454	1472	1463	1498
27.5	1329	1425	1485	1473	1536	1512	1502	1450	1430	1487
30.0	1294	1370	1502	1432	1495	1491	1543	1408	1394	1442
32.5	1231	1350	1531	1386	1450	1461	1570	1373	1360	1418
35.0	1188	1293	1511	1348	1398	1418	1568	1342	1324	1393
37.5	1131	1253	1474	1294	1342	1365	1534	1297	1285	1346
40.0	1079	1186	1425	1240	1279	1315	1499	1243	1239	1293
42.5	1021	1134	1351	1177	1211	1269	1434	1182	1184	1238
45.0	970.8	1072	1269	1102	1137	1200	1357	1116	1122	1185
47.5	904.5	1010	1184	1032	1061	1127	1273	1049	1053	1117
50.0	840.0	943.7	1098	962.2	978.3	1044	1187	985.3	980.6	1044
52.5	762.9	856.1	1005	879.5	887.0	954.9	1095	915.2	905.3	964.8
55.0	678.1	766.9	901.8	785.5	782.4	850.4	997.0	841.9	827.1	882.2
57.5	590.1	671.0	782.4	679.4	668.8	735.0	884.4	758.3	742.6	787.4
60.0	504.7	567.3	662.5	573.6	562.8	626.3	759.7	662.0	647.9	674.8
62.5	420.1	466.4	548.4	475.8	467.0	523.7	634.7	554.5	547.6	557.6
65.0	340.7	377.5	447.2	387.5	380.9	431.2	521.6	455.1	449.6	454.1
67.5	272.7	299.3	355.9	310.0	303.9	347.4	421.5	366.3	360.0	364.9
70.0	214.1	231.7	277.3	243.4	239.8	278.9	332.1	288.1	287.2	287.2
72.5	164.5	174.9	209.6	187.5	185.7	210.4	263.6	222.2	214.6	223.2
75.0	127.2	128.6	154.0	141.4	144.1	157.6	195.1	166.8	160.0	169.5
77.5	89.89	91.17	109.4	103.3	102.5	114.3	145.0	126.3	117.1	129.5
80.0	62.96	61.88	74.34	71.96	73.18	81.50	103.9	85.77	83.17	89.51
82.5	43.58	40.99	48.98	49.46	51.92	57.92	73.49	58.52	57.78	62.60
85.0	28.74	26.30	31.30	31.62	33.89	39.17	52.09	40.03	40.33	43.77
87.5	16.76	14.60	17.40	16.41	18.01	21.57	34.54	26.02	26.96	28.01
90.0	15.07	13.49	16.19	13.97	15.44	15.71	21.32	15.71	16.80	16.33
92.5	14.95	14.01	16.16	14.01	15.43	15.84	21.49	15.46	16.34	16.49
95.0	14.87	14.49	16.16	14.18	15.50	15.97	21.91	15.71	16.45	16.82
97.5	14.82	14.90	16.21	14.45	15.64	16.17	22.18	15.96	16.60	17.04
100.0	14.85	15.21	16.27	14.81	15.81	16.40	22.36	16.27	16.74	17.21
102.5	15.02	15.45	16.32	15.25	16.03	16.68	22.43	16.59	16.88	17.32
105.0	15.23	15.63	16.36	15.73	16.29	17.00	22.39	17.03	16.99	17.42
107.5	15.40	15.77	16.37	16.25	16.60	17.32	22.27	17.43	17.13	17.50
110.0	15.59	15.88	16.38	16.82	16.90	17.59	21.62	17.62	17.28	17.59
112.5	15.81	16.02	16.38	17.34	17.23	17.81	20.90	17.62	17.42	17.68
115.0	16.05	16.14	16.38	17.73	17.54	17.90	20.26	17.51	17.55	17.77
117.5	16.28	16.24	16.38	17.99	17.83	17.77	19.44	17.43	17.65	17.78
120.0	16.50	16.35	16.38	18.02	18.10	17.57	18.79	17.33	17.71	17.59
122.5	16.69	16.51	16.54	18.10	18.37	17.58	18.41	17.38	17.75	17.74
125.0	16.85	16.71	16.77	18.23	18.59	17.64	18.26	17.56	17.76	18.01
127.5	16.99	16.93	17.06	18.31	18.76	17.74	18.30	17.78	17.82	18.27
130.0	17.13	17.18	17.37	18.29	18.89	17.39	18.45	18.01	17.96	18.42
132.5	17.28	17.43	17.72	18.51	19.10	17.02	18.68	18.23	18.15	18.07
135.0	17.45	17.71	18.11	18.77	19.33	17.17	18.98	18.48	18.34	18.60
137.5	17.62	18.00	18.38	19.08	19.57	18.39	19.33	18.81	18.64	19.01
140.0	17.85	18.32	17.96	19.57	19.43	19.21	19.74	19.19	18.99	19.47
142.5	18.13	18.65	18.28	19.26	18.12	18.64	20.11	19.66	19.41	20.00
145.0	18.52	18.81	19.08	18.27	18.37	19.17	20.42	19.13	19.89	20.54
147.5	19.01	18.91	19.36	18.61	18.60	18.82	20.21	17.84	20.35	21.14
150.0	19.38	18.99	19.51	19.22	19.10	19.14	18.99	18.68	20.85	21.77
152.5	19.62	19.34	19.39	20.28	19.67	19.54	18.98	21.29	20.40	22.41
155.0	20.16	19.48	20.16	19.88	20.38	19.80	20.83	21.51	19.10	20.29
157.5	20.60	19.97	19.87	20.22	21.04	20.38	20.28	19.89	19.76	20.54
160.0	20.92	20.25	20.18	20.74	21.57	20.87	20.15	20.22	20.27	21.09
162.5	21.41	20.57	20.45	21.30	22.03	21.12	20.53	20.39	20.79	22.16
165.0	21.72	21.06	20.90	21.86	22.63	21.56	20.89	20.66	21.39	23.03
167.5	22.08	21.60	21.38	22.36	23.18	22.10	21.40	21.13	21.82	24.69
170.0	22.62	21.94	21.86	22.90	23.42	22.63	21.92	21.57	22.07	23.38
172.5	22.98	22.33	22.28	23.33	23.70	23.09	22.42	21.97	22.41	23.50
175.0	23.15	22.72	22.67	23.49	24.02	23.48	22.82	22.29	22.66	23.52
177.5	23.28	22.77	22.85	23.65	24.21	23.83	23.20	22.51	22.82	23.63
180.0	23.33	22.77	22.93	23.69	24.31	24.37	23.33	22.76	22.91	23.71

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	1154	1154
2.5	1144	1156
5.0	1134	1145
7.5	1156	1163
10.0	1213	1196
12.5	1236	1281
15.0	1260	1322
17.5	1313	1352
20.0	1369	1411
22.5	1431	1436
25.0	1529	1440
27.5	1526	1430
30.0	1582	1435
32.5	1598	1388
35.0	1604	1368
37.5	1568	1344
40.0	1521	1284
42.5	1473	1221
45.0	1394	1148
47.5	1307	1074
50.0	1216	1004
52.5	1117	927.4
55.0	1008	834.2
57.5	879.4	726.2
60.0	743.0	617.2
62.5	617.5	517.8
65.0	506.4	426.1
67.5	408.4	345.9
70.0	322.7	274.8
72.5	251.1	213.6
75.0	191.5	161.7
77.5	142.3	118.3
80.0	102.5	84.15
82.5	73.00	59.28
85.0	51.32	40.43
87.5	31.66	23.01
90.0	17.97	14.03
92.5	17.92	13.64
95.0	18.02	13.63
97.5	18.13	13.93
100.0	18.25	14.30
102.5	18.37	14.73
105.0	18.47	15.20
107.5	18.56	15.75
110.0	18.62	16.38
112.5	18.69	17.05
115.0	18.75	17.78
117.5	18.77	18.42
120.0	18.84	18.94
122.5	18.98	19.31
125.0	19.24	19.62
127.5	19.63	19.94
130.0	20.07	20.26
132.5	20.52	20.59
135.0	21.00	20.97
137.5	21.57	21.37
140.0	22.09	21.76
142.5	22.58	22.14
145.0	23.06	22.53
147.5	23.44	22.99
150.0	23.70	23.46
152.5	24.05	23.88
155.0	24.34	24.18
157.5	24.80	24.66
160.0	25.19	24.15
162.5	24.56	24.27
165.0	24.75	24.51
167.5	25.23	24.77
170.0	24.81	24.48
172.5	24.19	24.20
175.0	24.48	24.10
177.5	24.40	24.31
180.0	24.34	24.35

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: