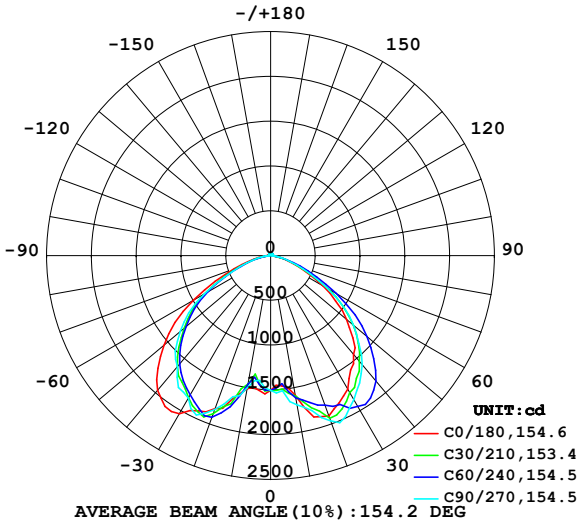
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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:

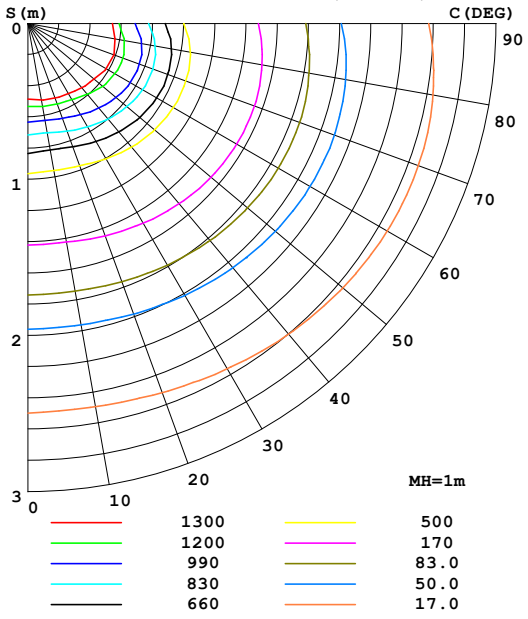
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 135.80 lm/W	
MODEET01-60 50 40 30 20W-TCP		Imax(cd)	2133	S/MH(C0/180)	1.75
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.64
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	5763.5	η UP,DN(C0-180)	1.2,47.2
NOMINAL FLUX(lm)	5763.52	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.2
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	1578	1601	1693	1707	1511	1457	1498	1583	0- 10	145.1	145.1	2.52,2.52
20	1906	1854	1962	2019	1818	1901	1828	1817	10- 20	497.4	642.4	11.1,11.1
30	1723	1856	1859	1940	2040	1815	1838	1969	20- 30	885.1	1528	26.5,26.5
40	1442	1686	1593	1676	1966	1600	1619	1801	30- 40	1125	2653	46,46
50	1109	1306	1212	1310	1557	1248	1315	1410	40- 50	1162	3815	66.2,66.2
60	675.2	792.7	731.6	774.9	995.0	832.6	852.9	867.4	50- 60	961.7	4777	82.9,82.9
70	282.5	326.8	309.9	333.8	435.8	364.5	362.5	379.0	60- 70	557.6	5334	92.6,92.6
80	81.54	85.98	91.02	100.5	138.2	109.2	113.5	118.5	70- 80	223.2	5557	96.4,96.4
90	20.42	19.28	17.67	20.05	28.76	21.50	21.08	20.90	80- 90	58.35	5616	97.4,97.4
100	19.85	20.48	18.67	20.61	29.22	21.47	22.11	21.26	90-100	22.97	5639	97.8,97.8
110	20.71	21.00	21.17	21.87	28.08	22.45	22.50	22.91	100-110	23.20	5662	98.2,98.2
120	21.92	21.27	22.99	22.63	24.39	22.53	22.41	24.45	110-120	22.48	5684	98.6,98.6
130	22.78	22.46	23.40	23.53	24.21	23.20	23.58	26.06	120-130	20.78	5705	99,99
140	23.79	23.55	24.91	24.92	25.98	24.63	24.99	28.17	130-140	18.82	5724	99.3,99.3
150	25.76	25.11	24.46	24.72	24.93	25.44	27.93	30.30	140-150	16.09	5740	99.6,99.6
160	27.78	26.16	26.50	27.41	26.60	26.33	26.99	31.88	150-160	12.46	5753	99.8,99.8
170	29.81	28.34	29.28	29.73	28.89	28.23	29.96	32.08	160-170	8.079	5761	100,100
180	30.76	29.54	30.29	31.44	30.72	29.53	30.30	31.44	170-180	2.855	5764	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3245 lm

%lum = 56.3%
%lamp = 56.3%

Conical surface Flux(130deg): 5107.7 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

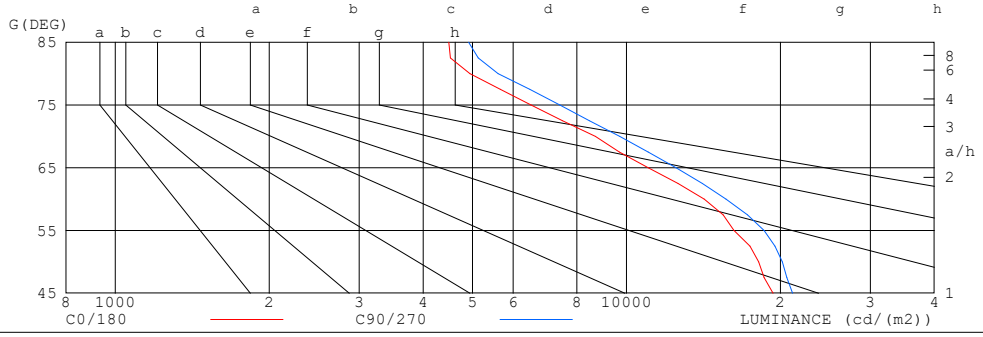
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz **UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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	4495	4909
80	4939	5609
75	6509	7404
70	8687	9695
65	11030	12512
60	14203	15656
55	16237	18592
50	18141	20168
45	19340	21145

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:

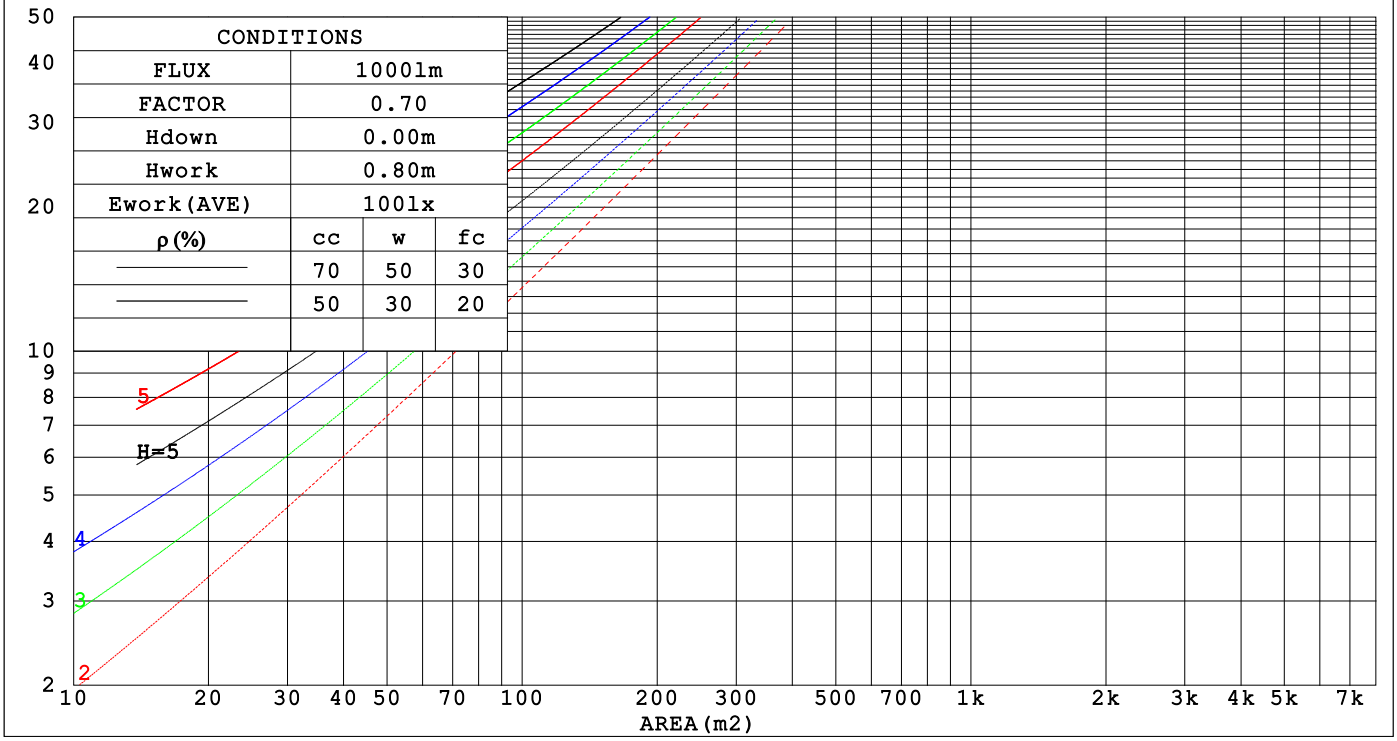
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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	.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	.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	.33	.43	.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

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:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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	.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	.256	.136	.041	.249	.134	.040	.238	.129	.039	.227	.125	.038	.218	.121	.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:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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	22.4	23.8	22.7	24.0	24.3	23.2	24.7	23.5	24.9	25.2
3H	22.9	24.2	23.2	24.5	24.8	23.8	25.1	24.1	25.4	25.7
4H	23.0	24.3	23.4	24.6	24.9	23.9	25.2	24.3	25.5	25.8
6H	23.1	24.2	23.4	24.5	24.9	24.0	25.1	24.3	25.5	25.8
8H	23.0	24.2	23.4	24.5	24.8	24.0	25.1	24.3	25.4	25.8
12H	23.0	24.1	23.4	24.5	24.8	23.9	25.0	24.3	25.4	25.7
4H 2H	22.8	24.1	23.2	24.4	24.7	23.5	24.8	23.9	25.1	25.4
3H	23.5	24.6	23.9	24.9	25.3	24.3	25.3	24.6	25.7	26.0
4H	23.7	24.6	24.1	25.0	25.4	24.5	25.4	24.9	25.8	26.2
6H	23.7	24.6	24.2	25.0	25.4	24.6	25.4	25.0	25.8	26.2
8H	23.7	24.5	24.2	25.0	25.4	24.6	25.4	25.0	25.8	26.2
12H	23.7	24.5	24.2	24.9	25.4	24.6	25.3	25.0	25.7	26.2
8H 4H	23.7	24.5	24.2	24.9	25.4	24.5	25.3	24.9	25.7	26.1
6H	23.8	24.5	24.3	24.9	25.4	24.6	25.3	25.1	25.7	26.2
8H	23.9	24.5	24.4	24.9	25.4	24.7	25.3	25.2	25.7	26.2
12H	23.9	24.4	24.4	24.9	25.4	24.7	25.2	25.2	25.7	26.2
12H 4H	23.7	24.4	24.1	24.8	25.3	24.4	25.2	24.9	25.6	26.1
6H	23.8	24.4	24.3	24.9	25.4	24.6	25.2	25.1	25.7	26.2
8H	23.9	24.4	24.4	24.9	25.4	24.7	25.2	25.2	25.7	26.2

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 / - 0.8	+ 0.6 / - 0.9
2.0H	+ 0.6 / - 1.0	+ 0.7 / - 1.2

CIE Pub.117, 5764 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.1)
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:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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:

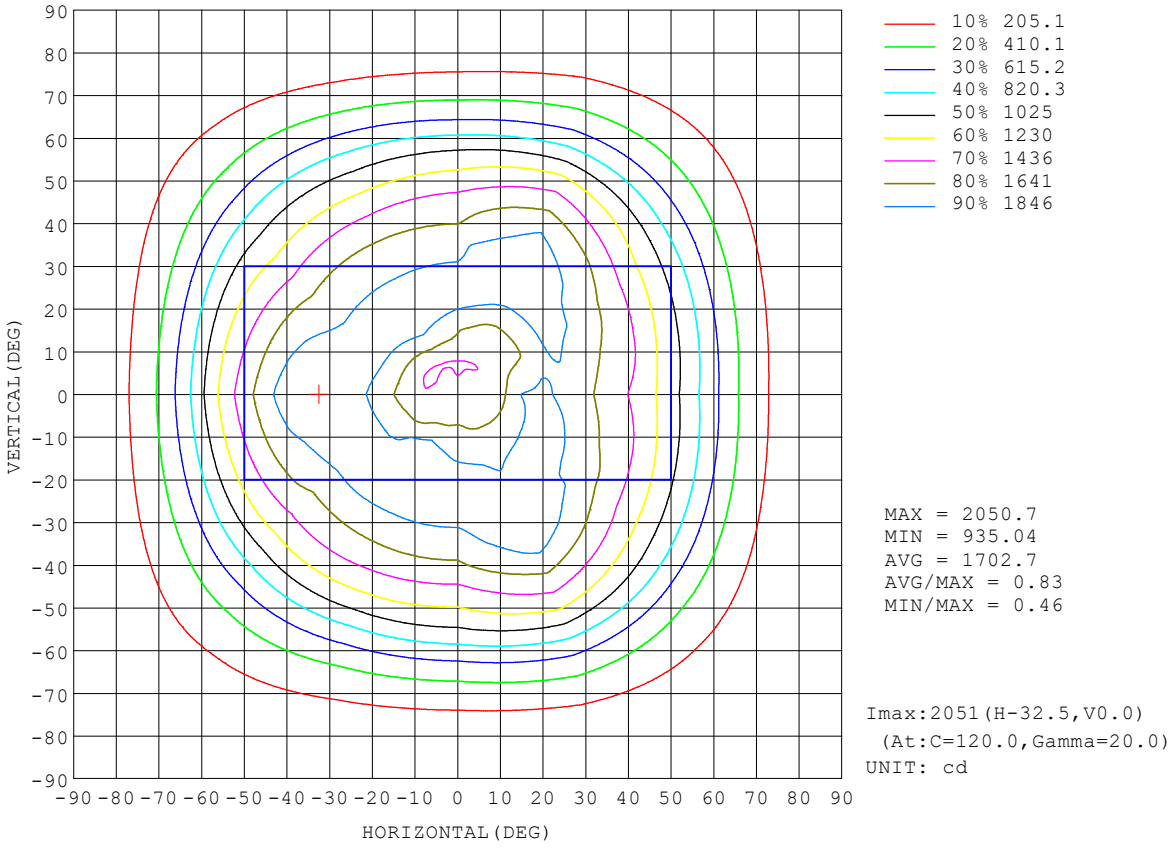
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	57	50	67	56	50	65	55	49	42
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:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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:



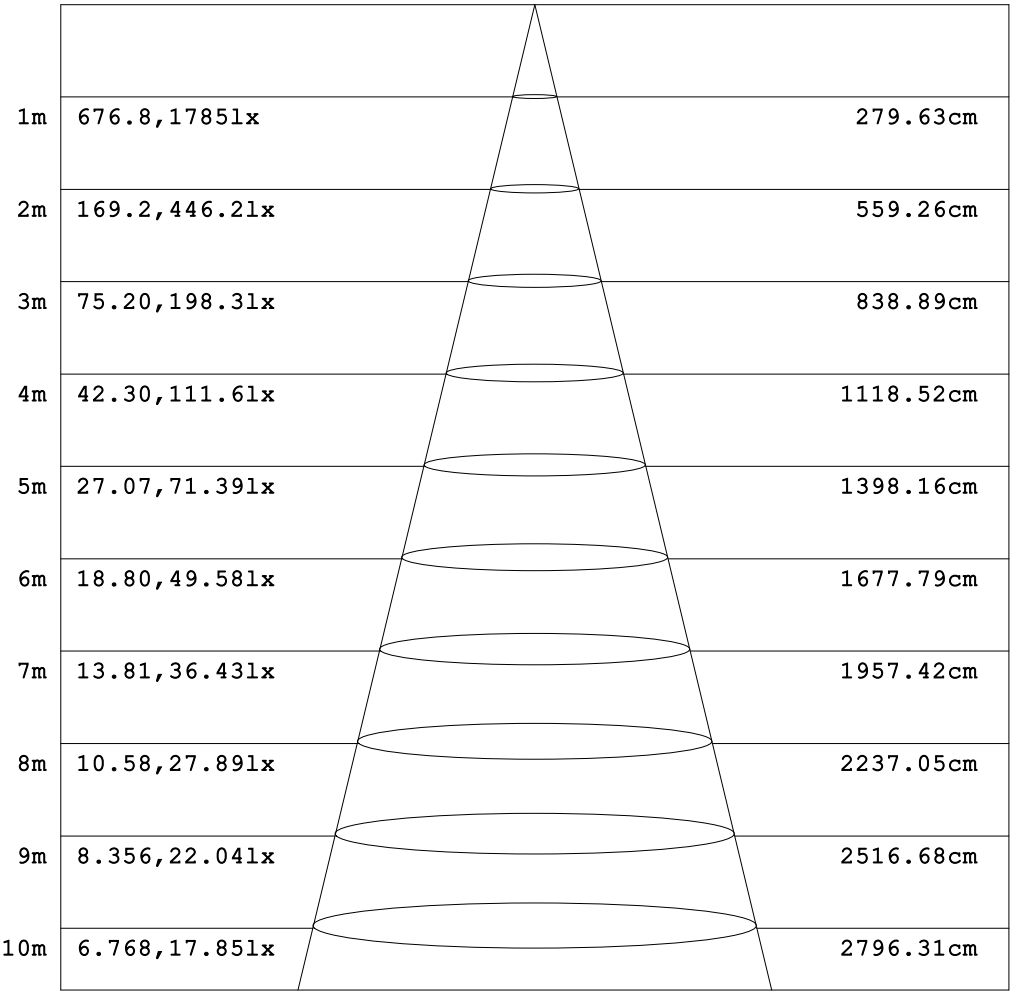
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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:4337 lm



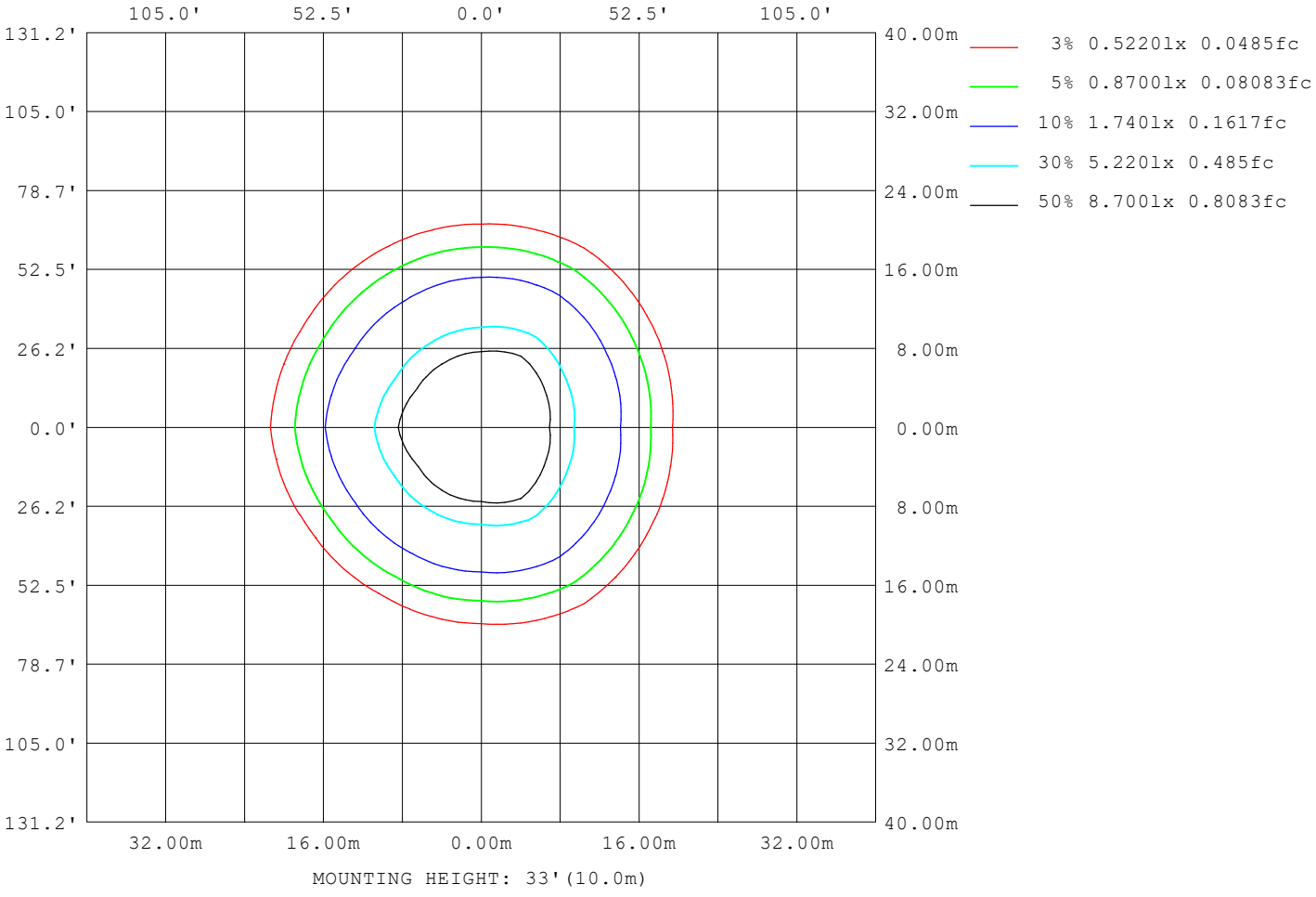
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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:

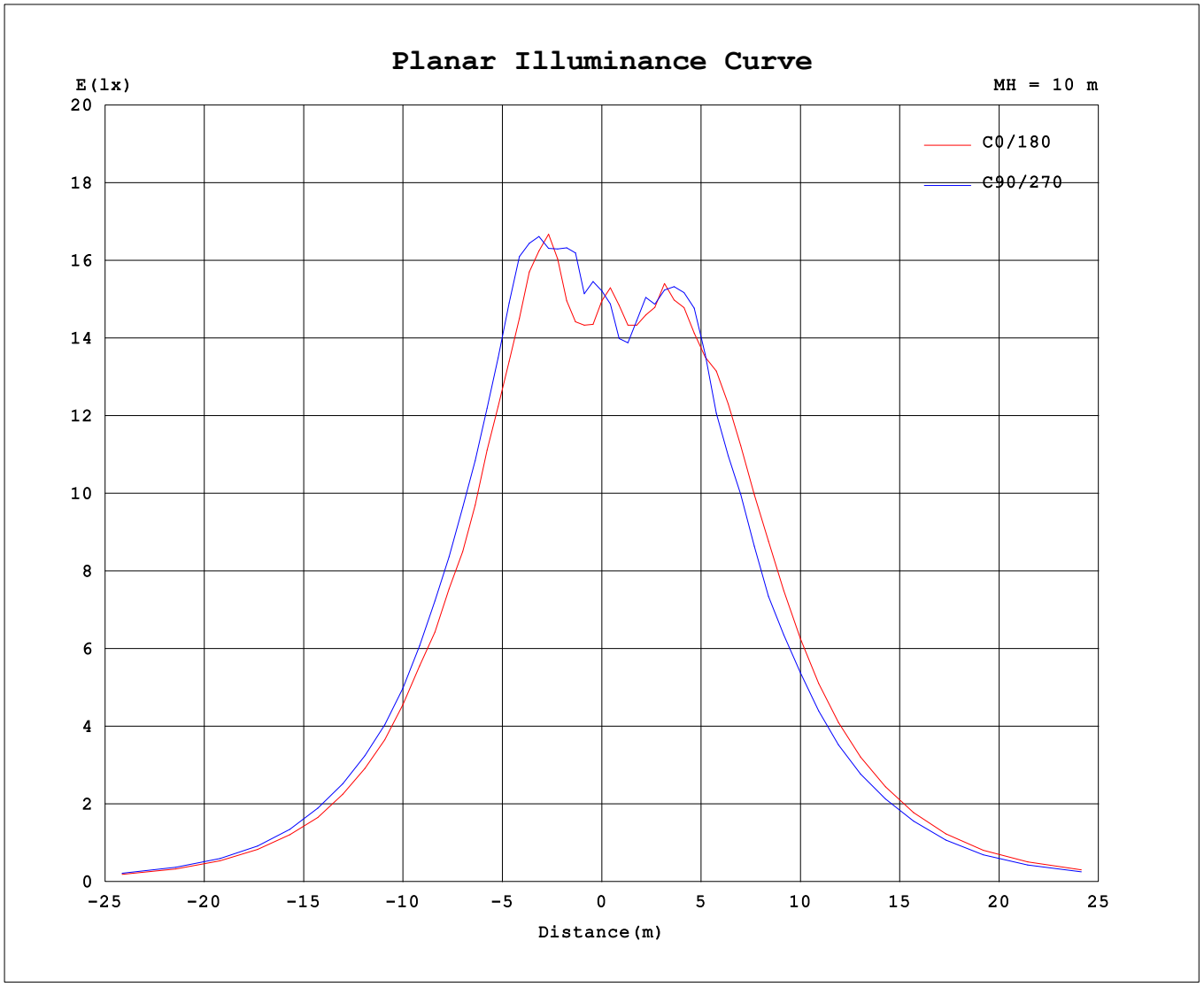
AvgL	cd/m2
L_0~180(65)av	14114
L_0~180(75)av	8704
L_0~180(85)av	6524
L_90~270(65)av	13353
L_90~270(75)av	8045
L_90~270(85)av	5829
L_45(65)av	13983
L_45(75)av	8240
L_45(85)av	5895

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:119.99V I:0.3565A P:42.442W PF:0.9921 Freq:60.01Hz UTHDi:0.27% ITHDi:6.03% KDisp:0.0000 Lamp Flux:5763.52x1 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	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507							
5	1461	1496	1437	1516	1677	1520	1512	1437	1446	1401	1551	1526							
10	1578	1592	1610	1693	1865	1555	1511	1458	1456	1498	1610	1558							
15	1864	1756	1698	1792	2082	1777	1653	1712	1747	1634	1608	1627							
20	1906	1933	1775	1962	2133	1910	1818	1880	1922	1828	1861	1775							
25	1814	1889	1834	1982	2081	1953	1912	1924	1891	1964	2002	1901							
30	1723	1767	1943	1859	1978	1903	2040	1835	1794	1838	2081	1861							
35	1558	1673	1943	1737	1848	1787	2058	1726	1702	1797	2104	1737							
40	1442	1540	1830	1593	1694	1658	1966	1620	1581	1619	1990	1619							
45	1300	1386	1629	1397	1512	1509	1782	1450	1423	1506	1822	1444							
50	1109	1205	1406	1212	1305	1315	1557	1262	1234	1315	1586	1242							
55	885	987	1152	997	1046	1079	1306	1074	1038	1119	1313	1037							
60	675	739	846	732	753	796	995	851	815	853	966	773							
65	443	485	571	494	509	546	683	588	567	571	657	533							
70	282	300	353	310	320	347	436	373	356	363	418	341							
75	160	164	196	179	187	200	265	215	204	214	248	200							
80	81.5	78.0	93.9	91.0	96.9	104	138	112	107	113	133	104							
85	37.2	33.2	39.5	40.0	44.8	50.4	70.1	52.9	52.2	55.9	66.8	50.4							
90	20.4	17.6	20.9	17.7	20.1	20.0	28.8	21.2	21.8	21.1	23.7	18.2							
95	19.7	18.9	21.0	17.9	20.1	20.3	29.0	20.9	21.3	21.7	23.8	17.7							
100	19.9	19.8	21.2	18.7	20.5	20.7	29.2	21.3	21.6	22.1	24.1	18.5							
105	20.3	20.3	21.3	19.8	21.1	21.3	29.1	22.1	21.8	22.3	24.3	19.8							
110	20.7	20.7	21.3	21.2	21.8	21.9	28.1	22.8	22.1	22.5	24.5	21.4							
115	21.3	21.0	21.3	22.5	22.6	22.4	26.2	22.6	22.5	22.7	24.6	22.9							
120	21.9	21.3	21.3	23.0	23.3	22.0	24.4	22.4	22.7	22.4	24.8	24.1							
125	22.4	21.8	21.7	23.3	24.0	22.1	23.9	22.7	22.9	23.0	25.2	25.0							
130	22.8	22.4	22.5	23.4	24.5	22.6	24.2	23.3	23.1	23.6	26.3	25.9							
135	23.2	23.1	23.5	24.0	25.1	21.8	24.9	23.9	23.6	23.9	27.6	26.6							
140	23.8	23.9	23.2	24.9	25.7	24.2	26.0	24.9	24.4	25.0	28.9	27.5							
145	24.7	24.6	24.7	23.3	24.2	24.7	26.9	24.9	25.5	26.4	30.0	28.5							
150	25.8	24.8	25.4	24.5	25.1	24.3	24.9	24.1	26.8	27.9	30.9	29.7							
155	26.7	25.3	26.1	25.4	26.7	25.2	27.4	28.1	24.6	26.2	31.8	30.7							
160	27.8	26.3	26.0	26.5	28.3	26.6	26.6	26.5	26.1	27.0	33.0	30.8							
165	28.6	27.4	26.9	27.9	29.7	27.4	27.5	26.9	27.4	29.6	32.4	31.5							
170	29.8	28.6	28.1	29.3	30.8	28.8	28.9	28.1	28.4	30.0	32.7	31.5							
175	30.6	29.5	29.2	30.0	31.5	29.8	30.0	29.0	29.1	30.1	32.2	30.6							
180	30.8	29.7	29.4	30.3	32.0	30.9	30.7	29.7	29.4	30.3	32.0	30.9							

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	1507	1507	1507	1507	1507	1507	1507	1507	1507	1507
2.5	1450	1508	1478	1535	1596	1501	1545	1513	1504	1478
5.0	1461	1496	1437	1516	1677	1520	1512	1437	1446	1401
7.5	1491	1552	1534	1645	1694	1564	1481	1335	1370	1410
10.0	1578	1592	1610	1693	1865	1555	1511	1458	1456	1498
12.5	1736	1669	1653	1734	1948	1688	1580	1524	1609	1601
15.0	1864	1756	1698	1792	2082	1777	1653	1712	1747	1634
17.5	1886	1820	1750	1897	2098	1819	1789	1770	1839	1739
20.0	1906	1933	1775	1962	2133	1910	1818	1880	1922	1828
22.5	1853	1929	1823	2021	2120	2000	1889	1951	1935	1904
25.0	1814	1889	1834	1982	2081	1953	1912	1924	1891	1964
27.5	1766	1834	1921	1914	2034	1913	1950	1890	1843	1926
30.0	1723	1767	1943	1859	1978	1903	2040	1835	1794	1838
32.5	1629	1746	1973	1790	1916	1879	2065	1774	1750	1811
35.0	1558	1673	1943	1737	1848	1787	2058	1726	1702	1797
37.5	1522	1628	1893	1661	1775	1704	2011	1691	1646	1713
40.0	1442	1540	1830	1593	1694	1658	1966	1620	1581	1619
42.5	1398	1472	1735	1503	1608	1601	1884	1540	1505	1571
45.0	1300	1386	1629	1397	1512	1509	1782	1450	1423	1506
47.5	1195	1300	1520	1299	1413	1417	1670	1354	1330	1413
50.0	1109	1205	1406	1212	1305	1315	1557	1262	1234	1315
52.5	1009	1095	1286	1110	1186	1207	1434	1170	1136	1219
55.0	885.5	987.1	1152	996.6	1046	1079	1306	1074	1038	1119
57.5	789.3	870.2	998.9	865.9	894.6	933.4	1158	969.9	933.8	997.9
60.0	675.2	738.8	845.9	731.6	753.1	795.9	995.0	850.5	814.9	852.9
62.5	553.5	607.4	700.1	606.8	625.0	663.6	830.7	714.9	689.9	703.7
65.0	443.2	485.2	570.8	494.2	508.8	545.6	683.0	587.7	566.8	571.3
67.5	352.7	382.9	453.7	394.3	405.2	439.4	551.9	473.4	455.0	459.5
70.0	282.5	299.7	353.5	309.9	319.7	347.3	435.8	372.7	356.4	362.5
72.5	214.2	224.8	266.6	237.6	247.3	273.9	338.8	287.0	280.2	282.0
75.0	160.2	163.6	195.6	179.1	186.6	200.5	265.1	215.1	204.1	214.0
77.5	116.6	114.9	138.7	130.8	141.7	145.4	191.5	157.7	149.6	158.7
80.0	81.54	78.00	93.86	91.02	96.89	103.9	138.2	111.6	106.8	113.5
82.5	56.13	51.78	61.77	62.55	68.61	74.10	98.13	76.72	74.48	79.69
85.0	37.24	33.18	39.47	39.99	44.81	50.44	70.10	52.88	52.17	55.93
87.5	21.98	18.67	22.20	20.65	23.72	28.00	47.11	35.03	35.03	35.97
90.0	20.42	17.63	20.91	17.67	20.11	19.99	28.76	21.17	21.83	21.08
92.5	19.81	18.28	20.90	17.70	20.08	20.13	28.68	20.59	21.11	21.27
95.0	19.66	18.88	20.97	17.88	20.13	20.29	28.99	20.86	21.30	21.66
97.5	19.63	19.38	21.06	18.22	20.28	20.49	29.18	21.06	21.44	21.92
100.0	19.85	19.79	21.16	18.67	20.49	20.73	29.22	21.34	21.59	22.11
102.5	20.08	20.10	21.23	19.20	20.76	20.99	29.18	21.67	21.71	22.24
105.0	20.26	20.32	21.27	19.81	21.06	21.30	29.09	22.12	21.85	22.30
107.5	20.46	20.51	21.29	20.43	21.43	21.65	28.84	22.54	21.98	22.39
110.0	20.71	20.68	21.30	21.17	21.79	21.95	28.08	22.78	22.12	22.50
112.5	21.00	20.85	21.31	21.91	22.19	22.19	26.98	22.68	22.30	22.59
115.0	21.33	21.01	21.30	22.47	22.58	22.36	26.24	22.56	22.46	22.69
117.5	21.63	21.15	21.26	22.88	22.94	22.29	25.23	22.46	22.60	22.66
120.0	21.92	21.28	21.27	22.99	23.30	22.00	24.39	22.36	22.69	22.41
122.5	22.17	21.49	21.45	23.12	23.67	21.97	23.98	22.41	22.78	22.61
125.0	22.41	21.76	21.75	23.28	24.00	22.08	23.86	22.69	22.88	22.98
127.5	22.60	22.05	22.11	23.44	24.28	22.31	23.96	22.95	22.95	23.28
130.0	22.78	22.39	22.53	23.40	24.49	22.60	24.21	23.29	23.10	23.58
132.5	23.00	22.75	22.99	23.70	24.77	22.00	24.54	23.59	23.31	23.24
135.0	23.24	23.11	23.49	24.00	25.12	21.82	24.93	23.94	23.60	23.88
137.5	23.50	23.50	23.87	24.34	25.47	22.81	25.45	24.36	23.92	24.42
140.0	23.79	23.93	23.18	24.91	25.72	24.16	25.98	24.88	24.39	24.99
142.5	24.16	24.36	23.49	24.60	23.82	23.61	26.54	25.56	24.93	25.65
145.0	24.67	24.62	24.71	23.32	24.17	24.68	26.91	24.87	25.54	26.37
147.5	25.30	24.71	25.10	23.76	24.47	24.06	26.78	23.31	26.16	27.12
150.0	25.76	24.80	25.43	24.46	25.12	24.34	24.93	24.05	26.81	27.93
152.5	25.98	25.16	24.92	25.84	25.86	24.86	24.95	27.49	26.62	28.73
155.0	26.68	25.34	26.10	25.43	26.75	25.20	27.37	28.09	24.59	26.23
157.5	27.26	25.92	25.58	25.84	27.64	25.92	26.74	25.94	25.40	26.31
160.0	27.78	26.34	25.97	26.50	28.30	26.55	26.60	26.52	26.14	26.99
162.5	28.40	26.79	26.27	27.23	28.92	26.88	27.08	26.68	26.77	28.18
165.0	28.61	27.40	26.86	27.94	29.71	27.42	27.54	26.88	27.44	29.60
167.5	29.18	28.11	27.51	28.60	30.42	28.10	28.21	27.48	28.10	31.68
170.0	29.81	28.57	28.11	29.28	30.75	28.76	28.89	28.06	28.40	29.96
172.5	30.40	29.12	28.67	29.79	31.13	29.35	29.52	28.57	28.79	30.17
175.0	30.59	29.50	29.18	29.99	31.54	29.84	30.04	28.96	29.13	30.12
177.5	30.71	29.66	29.42	30.21	31.81	30.27	30.52	29.26	29.31	30.20
180.0	30.76	29.65	29.43	30.29	31.96	30.94	30.72	29.67	29.40	30.30

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	1507	1507
2.5	1537	1482
5.0	1551	1526
7.5	1482	1504
10.0	1610	1558
12.5	1656	1608
15.0	1608	1627
17.5	1671	1660
20.0	1861	1775
22.5	1906	1853
25.0	2002	1901
27.5	2004	1879
30.0	2081	1861
32.5	2110	1780
35.0	2104	1737
37.5	2047	1684
40.0	1990	1619
42.5	1926	1543
45.0	1822	1444
47.5	1705	1338
50.0	1586	1242
52.5	1458	1147
55.0	1313	1037
57.5	1143	906.4
60.0	965.5	773.3
62.5	801.2	649.0
65.0	657.3	533.0
67.5	529.7	431.0
70.0	418.2	341.4
72.5	326.9	265.2
75.0	248.2	200.2
77.5	184.6	146.8
80.0	133.2	104.4
82.5	94.97	73.82
85.0	66.76	50.41
87.5	41.15	28.82
90.0	23.74	18.17
92.5	23.65	17.72
95.0	23.76	17.68
97.5	23.95	18.03
100.0	24.11	18.52
102.5	24.22	19.09
105.0	24.33	19.75
107.5	24.40	20.50
110.0	24.53	21.35
112.5	24.58	22.15
115.0	24.60	22.94
117.5	24.67	23.57
120.0	24.78	24.13
122.5	24.86	24.57
125.0	25.18	25.04
127.5	25.68	25.48
130.0	26.26	25.86
132.5	26.95	26.33
135.0	27.57	26.64
137.5	28.32	27.05
140.0	28.86	27.50
142.5	29.40	27.96
145.0	30.01	28.49
147.5	30.52	29.16
150.0	30.90	29.73
152.5	31.35	30.27
155.0	31.81	30.70
157.5	32.47	31.34
160.0	33.02	30.78
162.5	32.30	30.88
165.0	32.40	31.46
167.5	33.17	31.75
170.0	32.70	31.48
172.5	31.73	30.64
175.0	32.17	30.56
177.5	32.07	30.84
180.0	31.98	30.92

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: