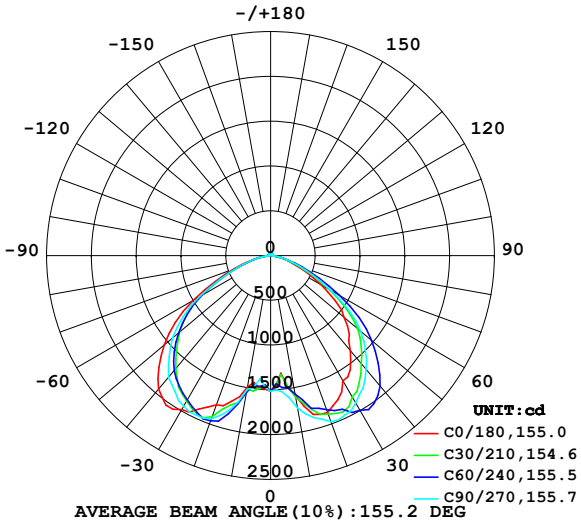
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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:

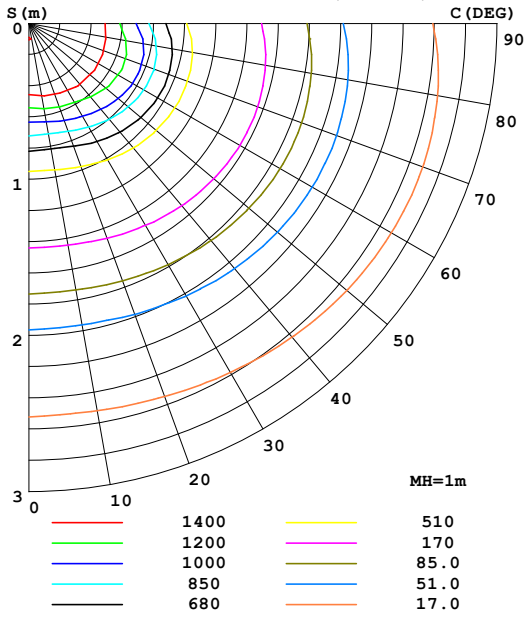
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 139.20 lm/W	
MODEL	PT01-60 50 40 30 20W-TCP	Imax(cd)	2141	S/MH(C0/180)	1.74
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.69
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	5944.5	η UP,DN(C0-180)	1.2,46.9
NOMINAL FLUX(lm)	5944.53	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.6
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	1581	1588	1729	1782	1490	1531	1518	1569	0- 10	145.5	145.5	2.45,2.45
20	1863	1857	1973	2108	1773	1939	1936	1825	10- 20	512.6	658.1	11.1,11.1
30	1616	1907	1901	1981	1984	1868	1942	1995	20- 30	895.5	1554	26.1,26.1
40	1386	1739	1661	1732	1947	1662	1774	1879	30- 40	1156	2709	45.6,45.6
50	1070	1372	1313	1347	1549	1333	1427	1502	40- 50	1204	3913	65.8,65.8
60	653.4	818.6	772.3	789.5	995.8	888.8	917.9	915.7	50- 60	1003	4917	82.7,82.7
70	272.8	341.8	331.3	342.8	435.8	385.5	392.4	404.2	60- 70	581.3	5498	92.5,92.5
80	82.30	92.35	97.77	103.2	135.7	116.8	127.8	126.1	70- 80	233.7	5732	96.4,96.4
90	19.82	19.93	18.82	20.73	27.57	21.87	22.04	21.66	80- 90	60.72	5793	97.4,97.4
100	19.38	21.08	19.88	21.45	28.74	22.25	23.21	22.01	90-100	23.60	5816	97.8,97.8
110	20.34	21.57	22.57	22.88	27.79	23.40	23.69	23.68	100-110	23.93	5840	98.2,98.2
120	21.48	21.90	24.28	23.59	24.24	23.29	23.62	25.35	110-120	23.19	5863	98.6,98.6
130	22.27	23.09	24.73	24.29	23.83	23.89	24.74	27.00	120-130	21.38	5885	99,99
140	23.21	24.24	26.29	25.79	25.53	25.38	26.31	29.24	130-140	19.33	5904	99.3,99.3
150	25.15	25.75	25.78	25.51	24.40	26.33	29.39	31.38	140-150	16.50	5921	99.6,99.6
160	27.14	26.97	27.94	28.32	26.04	27.01	28.42	32.92	150-160	12.78	5933	99.8,99.8
170	29.24	29.20	30.84	30.73	28.35	29.06	31.46	33.01	160-170	8.289	5942	100,100
180	30.20	30.46	31.92	32.51	30.20	30.44	31.94	32.51	170-180	2.931	5945	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3320.1 lm

%lum = 55.9%
%lamp = 55.9%

Conical surface Flux(130deg): 5261.4 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

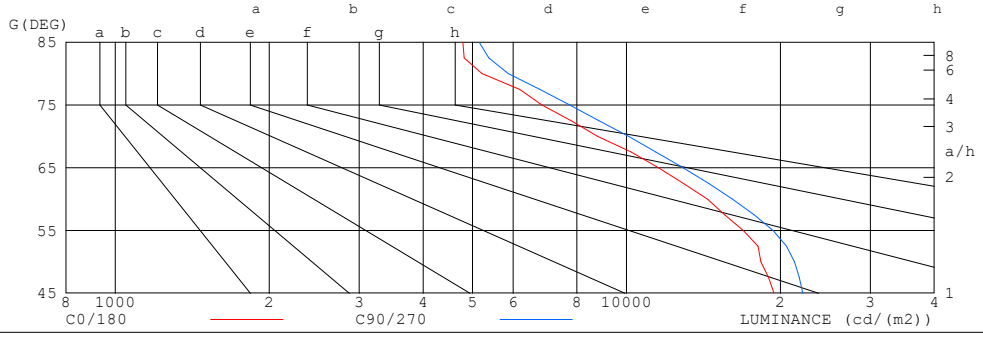
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.99V I:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz **UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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	4783	5153
80	5222	5873
75	6833	7746
70	8787	10103
65	11543	12908
60	14396	16110
55	16916	19355
50	18334	21305
45	19425	22124

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:

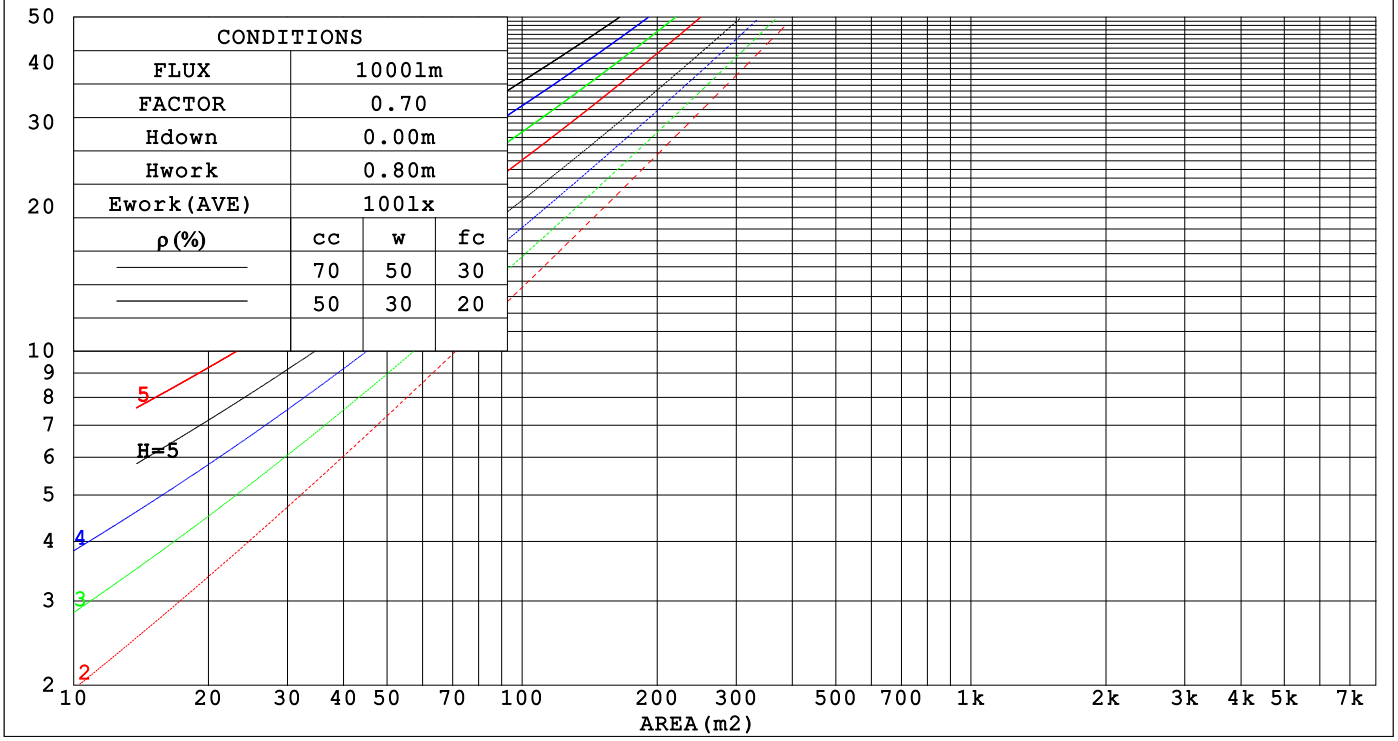
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.99V I:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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

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:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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	.236	.137	.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	.083	.047	.092	.058	.033	.053	.034	.020	.017	.011	.007	
8.0	.148	.089	.049	.128	.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:119.99V I:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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	23.9	22.7	24.1	24.4	23.4	24.8	23.7	25.1	25.3
3H	23.0	24.4	23.4	24.6	24.9	23.9	25.3	24.3	25.6	25.8
4H	23.1	24.4	23.5	24.7	25.0	24.1	25.3	24.4	25.6	25.9
6H	23.2	24.4	23.6	24.7	25.0	24.1	25.3	24.5	25.6	25.9
8H	23.2	24.3	23.6	24.6	25.0	24.1	25.2	24.5	25.6	25.9
12H	23.2	24.3	23.5	24.6	24.9	24.1	25.2	24.5	25.5	25.9
4H 2H	22.9	24.2	23.3	24.5	24.8	23.7	24.9	24.0	25.2	25.5
3H	23.6	24.7	24.0	25.0	25.4	24.4	25.5	24.8	25.8	26.2
4H	23.8	24.8	24.2	25.1	25.5	24.6	25.6	25.0	26.0	26.3
6H	23.9	24.8	24.3	25.1	25.6	24.7	25.6	25.1	26.0	26.4
8H	23.9	24.7	24.3	25.1	25.6	24.7	25.5	25.2	25.9	26.4
12H	23.9	24.6	24.4	25.1	25.5	24.7	25.5	25.2	25.9	26.4
8H 4H	23.8	24.7	24.3	25.1	25.5	24.6	25.4	25.1	25.8	26.3
6H	24.0	24.7	24.5	25.1	25.6	24.8	25.4	25.3	25.9	26.4
8H	24.0	24.6	24.5	25.1	25.6	24.8	25.4	25.3	25.9	26.4
12H	24.1	24.6	24.6	25.1	25.6	24.9	25.4	25.4	25.9	26.4
12H 4H	23.8	24.6	24.3	25.0	25.4	24.6	25.3	25.0	25.8	26.2
6H	24.0	24.6	24.5	25.0	25.6	24.8	25.3	25.3	25.8	26.3
8H	24.1	24.6	24.6	25.0	25.6	24.8	25.3	25.3	25.8	26.4

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.4 / - 0.6	+ 0.4 / - 0.5
1.5H	+ 0.4 / - 0.8	+ 0.6 / - 1.0
2.0H	+ 0.6 / - 1.1	+ 0.7 / - 1.2

CIE Pub.117, 5945 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.2)
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:119.99V I:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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:

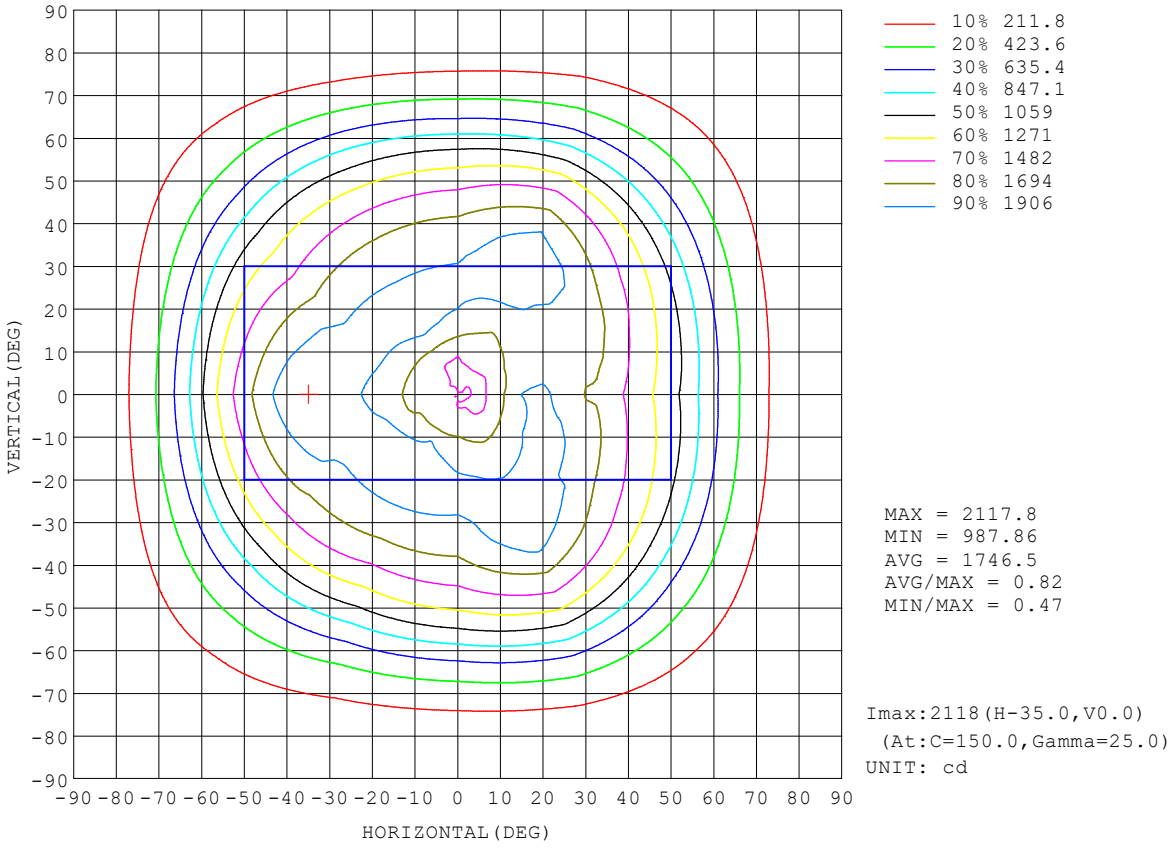
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	49	67	56	49	65	55	49	42
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	91	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:119.99V I:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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:



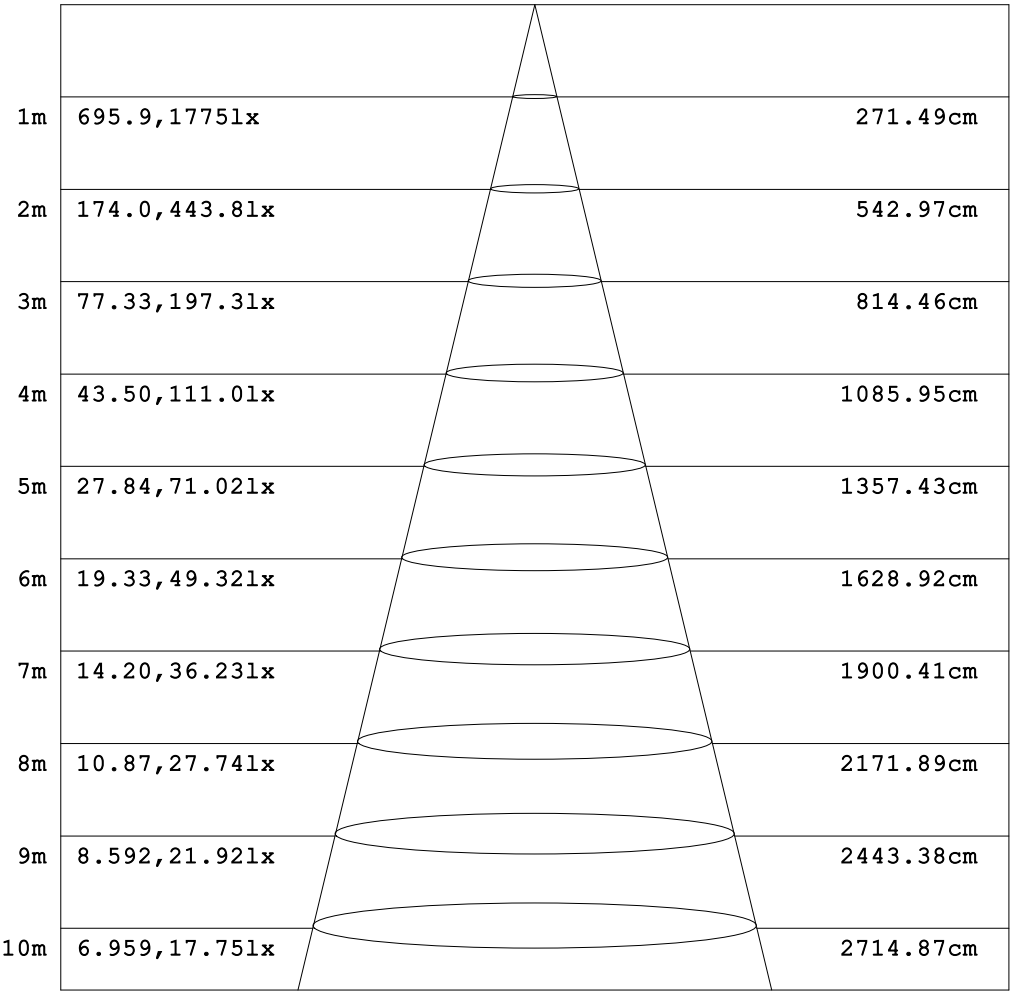
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.99V I:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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:4459 lm



Height Eavg,Emax Angle:107.24deg Diameter

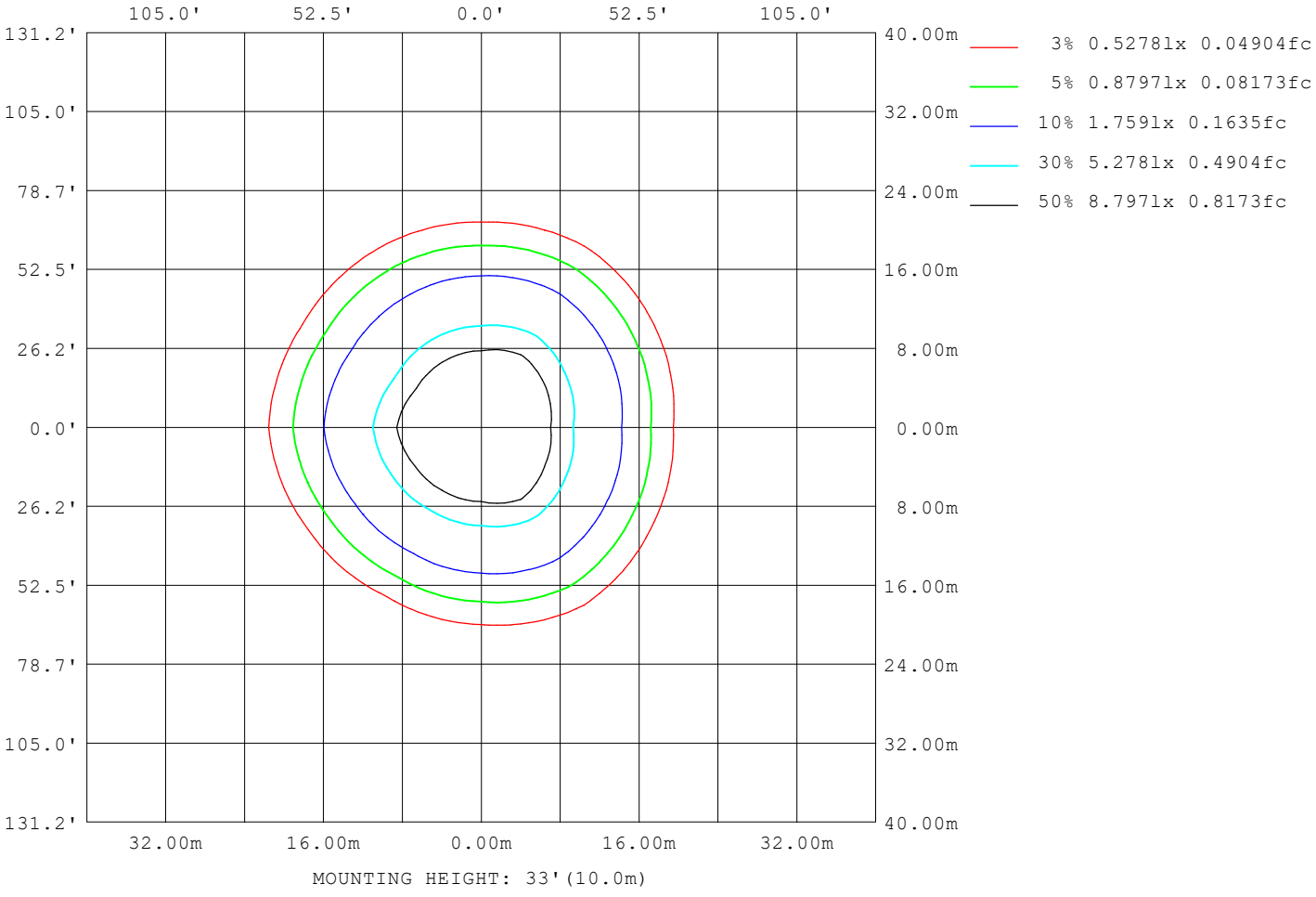
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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:

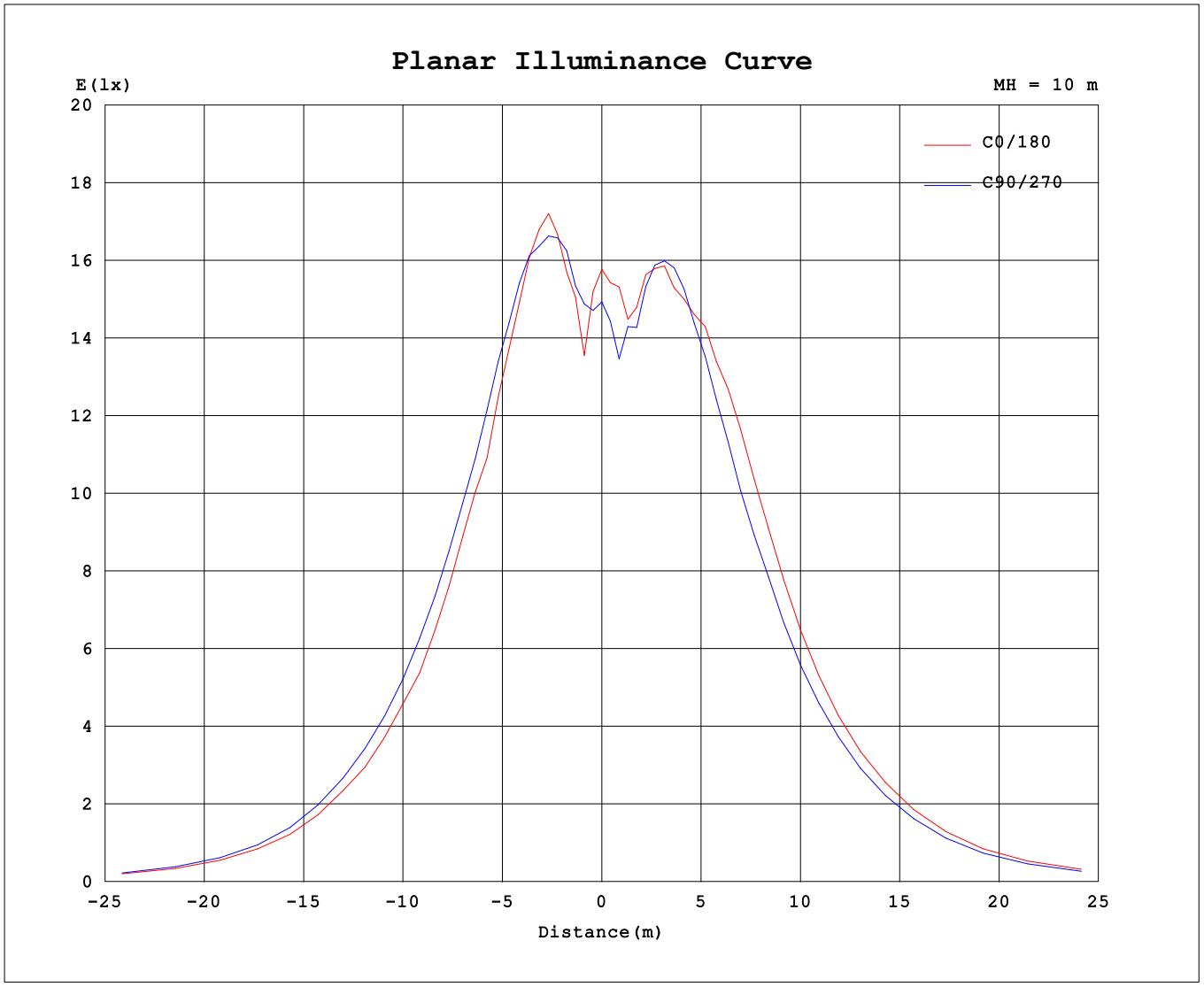
AvgL	cd/m2
L_0~180(65)av	14133
L_0~180(75)av	8684
L_0~180(85)av	6409
L_90~270(65)av	14343
L_90~270(75)av	8662
L_90~270(85)av	6222
L_45(65)av	14697
L_45(75)av	8699
L_45(85)av	6172

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:0.3587A P:42.706W PF:0.9923 Freq:60.01Hz UTHDi:0.27% ITHDi:5.92% KDisp:0.0000 Lamp Flux:5944.53x1 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	1517	1517	1517	1517	1517	1517	1517	1517	1517	1517	1517	1517
5	1318	1333	1480	1528	1549	1608	1490	1492	1468	1383	1438	1473
10	1581	1608	1567	1729	1756	1809	1490	1513	1549	1518	1563	1575
15	1836	1782	1765	1874	2008	1963	1685	1724	1827	1789	1693	1850
20	1863	1885	1829	1973	2123	2091	1773	1915	1964	1936	1761	1890
25	1775	1926	1895	1965	2042	2141	1888	1951	1938	1963	2011	1873
30	1616	1822	1993	1901	1940	2022	1984	1873	1864	1942	2070	1917
35	1555	1725	2015	1802	1816	1943	2036	1796	1779	1860	2103	1891
40	1386	1574	1905	1661	1658	1809	1947	1649	1675	1774	2002	1752
45	1247	1431	1698	1500	1470	1652	1765	1485	1524	1605	1839	1577
50	1070	1272	1472	1313	1261	1434	1549	1326	1340	1427	1606	1396
55	881	1026	1211	1064	1008	1160	1303	1136	1134	1198	1333	1154
60	653	748	890	772	725	855	996	890	888	918	984	846
65	443	506	600	523	492	592	685	611	615	621	671	587
70	273	311	373	331	310	376	436	387	384	392	428	380
75	161	174	208	192	182	216	264	225	217	231	254	224
80	82.3	83.9	101	97.8	95.4	111	136	121	112	128	136	116
85	37.8	35.5	42.7	43.1	44.3	53.2	67.6	53.7	54.0	59.3	67.9	55.8
90	19.8	18.1	21.8	18.8	20.2	21.3	27.6	21.3	22.5	22.0	24.0	19.3
95	19.4	19.4	21.7	19.1	20.3	21.7	28.3	21.2	22.2	22.7	23.9	18.8
100	19.4	20.3	21.8	19.9	20.7	22.2	28.7	22.0	22.5	23.2	24.2	19.7
105	19.9	20.8	21.9	21.0	21.3	23.0	28.8	22.9	22.9	23.5	24.5	21.0
110	20.3	21.2	22.0	22.6	22.1	23.7	27.8	23.6	23.2	23.7	24.7	22.7
115	20.9	21.5	22.0	23.8	22.8	24.1	26.1	23.3	23.5	23.9	24.7	24.5
120	21.5	21.8	22.0	24.3	23.6	23.6	24.2	22.9	23.6	23.6	24.8	25.9
125	21.9	22.3	22.5	24.6	24.2	23.7	23.6	23.2	23.7	24.2	25.3	26.9
130	22.3	22.9	23.3	24.7	24.7	23.9	23.8	23.8	23.9	24.7	26.3	27.7
135	22.7	23.6	24.3	25.3	25.3	23.2	24.5	24.4	24.5	25.1	27.7	28.6
140	23.2	24.4	24.1	26.3	25.6	25.9	25.5	25.5	25.3	26.3	29.0	29.5
145	24.1	25.1	25.5	24.6	24.1	26.2	26.3	25.2	26.5	27.7	30.1	30.5
150	25.1	25.2	26.3	25.8	25.1	25.9	24.4	24.8	27.8	29.4	31.0	31.8
155	26.1	25.9	27.1	26.9	26.7	26.9	26.8	28.4	25.5	27.4	31.9	32.8
160	27.1	26.9	27.0	27.9	28.3	28.3	26.0	26.9	27.1	28.4	33.0	32.8
165	28.1	28.0	28.0	29.4	29.7	29.3	27.0	27.4	28.6	31.3	32.4	33.5
170	29.2	29.2	29.2	30.8	30.7	30.7	28.3	28.7	29.5	31.5	32.6	33.4
175	30.0	30.1	30.3	31.6	31.6	31.9	29.5	29.6	30.3	31.7	32.2	32.7
180	30.2	30.3	30.6	31.9	32.0	33.1	30.2	30.3	30.6	31.9	32.0	33.1

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	1517	1517	1517	1517	1517	1517	1517	1517	1517	1517
2.5	1466	1436	1436	1498	1560	1590	1487	1454	1444	1471
5.0	1318	1333	1480	1528	1549	1608	1490	1492	1468	1383
7.5	1486	1470	1489	1600	1680	1649	1429	1525	1456	1490
10.0	1581	1608	1567	1729	1756	1809	1490	1513	1549	1518
12.5	1723	1684	1648	1810	1953	1809	1615	1680	1701	1673
15.0	1836	1782	1765	1874	2008	1963	1685	1724	1827	1789
17.5	1861	1859	1787	1915	2086	2042	1758	1798	1937	1872
20.0	1863	1885	1829	1973	2123	2091	1773	1915	1964	1936
22.5	1819	1906	1874	1987	2086	2128	1830	1962	1973	1966
25.0	1775	1926	1895	1965	2042	2141	1888	1951	1938	1963
27.5	1718	1897	1974	1949	1994	2068	1970	1918	1902	1969
30.0	1616	1822	1993	1901	1940	2022	1984	1873	1864	1942
32.5	1607	1799	2039	1844	1883	1963	2033	1836	1823	1916
35.0	1555	1725	2015	1802	1816	1943	2036	1796	1779	1860
37.5	1467	1658	1967	1734	1742	1891	1994	1717	1732	1814
40.0	1386	1574	1905	1661	1658	1809	1947	1649	1675	1774
42.5	1292	1511	1806	1588	1568	1743	1865	1568	1604	1691
45.0	1247	1431	1698	1500	1470	1652	1765	1485	1524	1605
47.5	1163	1353	1585	1410	1369	1551	1660	1403	1435	1520
50.0	1070	1272	1472	1313	1261	1434	1549	1326	1340	1427
52.5	999.6	1153	1348	1199	1142	1307	1430	1235	1241	1315
55.0	880.7	1026	1211	1064	1008	1160	1303	1136	1134	1198
57.5	759.5	891.3	1051	915.9	861.8	1004	1157	1021	1016	1068
60.0	653.4	747.6	889.9	772.3	725.1	855.5	995.8	889.7	887.9	917.9
62.5	542.0	615.6	736.2	641.0	601.7	717.6	833.1	744.0	749.8	760.5
65.0	442.8	505.6	600.4	523.0	492.4	592.1	684.9	610.7	615.2	621.4
67.5	354.7	401.4	478.0	419.2	393.2	476.7	553.3	491.5	491.7	498.5
70.0	272.8	310.7	373.0	331.3	310.4	376.1	435.8	387.0	384.0	392.4
72.5	212.8	234.2	282.2	254.8	240.7	295.9	338.0	299.2	300.5	304.6
75.0	160.5	174.0	207.8	192.2	182.1	215.8	263.8	224.9	217.2	231.1
77.5	121.4	123.8	148.2	140.3	138.7	156.4	189.7	164.2	158.5	170.7
80.0	82.30	83.91	100.8	97.77	95.41	111.3	135.7	121.4	112.2	127.8
82.5	57.01	55.50	66.55	67.32	67.82	78.91	95.74	78.71	77.67	85.05
85.0	37.84	35.54	42.73	43.06	44.29	53.25	67.62	53.68	54.02	59.32
87.5	21.92	19.62	23.57	22.33	23.56	29.12	44.57	34.81	36.08	37.77
90.0	19.82	18.07	21.80	18.82	20.20	21.27	27.57	21.26	22.48	22.04
92.5	19.54	18.74	21.75	18.86	20.19	21.46	27.89	20.96	21.95	22.27
95.0	19.36	19.39	21.74	19.05	20.30	21.68	28.31	21.23	22.19	22.71
97.5	19.33	19.88	21.77	19.41	20.47	21.93	28.55	21.59	22.34	23.03
100.0	19.38	20.31	21.84	19.88	20.68	22.24	28.74	22.01	22.50	23.21
102.5	19.65	20.62	21.88	20.43	20.97	22.58	28.81	22.46	22.71	23.36
105.0	19.87	20.84	21.93	21.05	21.29	22.97	28.80	22.92	22.90	23.50
107.5	20.09	21.02	21.96	21.75	21.67	23.38	28.59	23.40	23.01	23.57
110.0	20.34	21.17	21.98	22.57	22.07	23.71	27.79	23.64	23.16	23.69
112.5	20.61	21.34	21.98	23.22	22.45	23.97	26.87	23.54	23.31	23.82
115.0	20.91	21.49	21.98	23.84	22.84	24.11	26.08	23.29	23.45	23.93
117.5	21.22	21.63	21.98	24.22	23.20	23.91	25.07	23.14	23.56	23.89
120.0	21.48	21.78	22.02	24.28	23.55	23.63	24.24	22.94	23.65	23.62
122.5	21.72	21.99	22.21	24.39	23.90	23.60	23.78	23.05	23.68	23.80
125.0	21.94	22.27	22.53	24.60	24.21	23.70	23.57	23.23	23.71	24.15
127.5	22.10	22.56	22.90	24.73	24.46	23.95	23.63	23.53	23.78	24.49
130.0	22.27	22.89	23.30	24.73	24.65	23.91	23.83	23.84	23.94	24.74
132.5	22.47	23.24	23.79	24.99	24.94	23.23	24.15	24.12	24.21	24.43
135.0	22.69	23.60	24.29	25.29	25.25	23.23	24.53	24.44	24.46	25.13
137.5	22.94	23.97	24.66	25.68	25.57	24.64	24.98	24.92	24.82	25.69
140.0	23.21	24.38	24.10	26.29	25.65	25.94	25.53	25.46	25.30	26.31
142.5	23.57	24.82	24.41	26.03	23.79	25.23	26.00	26.11	25.87	27.02
145.0	24.07	25.08	25.53	24.60	24.14	26.24	26.34	25.19	26.51	27.73
147.5	24.69	25.14	25.98	25.06	24.44	25.60	26.00	23.64	27.18	28.53
150.0	25.15	25.22	26.28	25.78	25.10	25.94	24.40	24.82	27.85	29.39
152.5	25.39	25.72	25.90	27.23	25.83	26.49	24.50	28.22	27.24	30.26
155.0	26.09	25.91	27.12	26.91	26.74	26.86	26.78	28.41	25.50	27.38
157.5	26.72	26.54	26.65	27.23	27.63	27.65	26.14	26.47	26.37	27.66
160.0	27.14	26.91	27.02	27.94	28.31	28.33	26.04	26.93	27.09	28.42
162.5	27.80	27.36	27.36	28.71	28.93	28.68	26.53	27.04	27.77	29.85
165.0	28.13	27.99	27.96	29.44	29.73	29.28	27.02	27.44	28.55	31.33
167.5	28.59	28.70	28.62	30.12	30.40	30.02	27.68	28.07	29.18	33.30
170.0	29.24	29.16	29.23	30.84	30.73	30.73	28.35	28.65	29.48	31.46
172.5	29.76	29.68	29.79	31.40	31.14	31.36	28.97	29.18	29.95	31.72
175.0	29.96	30.15	30.31	31.62	31.56	31.89	29.51	29.61	30.28	31.71
177.5	30.16	30.26	30.57	31.83	31.83	32.37	29.98	29.91	30.51	31.83
180.0	30.20	30.28	30.64	31.92	31.95	33.09	30.20	30.28	30.60	31.94

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	1517	1517
2.5	1474	1584
5.0	1438	1473
7.5	1569	1555
10.0	1563	1575
12.5	1589	1777
15.0	1693	1850
17.5	1759	1848
20.0	1761	1890
22.5	1888	1911
25.0	2011	1873
27.5	2018	1908
30.0	2070	1917
32.5	2091	1902
35.0	2103	1891
37.5	2071	1848
40.0	2002	1752
42.5	1941	1665
45.0	1839	1577
47.5	1725	1488
50.0	1606	1396
52.5	1474	1290
55.0	1333	1154
57.5	1163	998.2
60.0	983.6	846.0
62.5	818.2	710.7
65.0	671.3	586.6
67.5	540.6	477.1
70.0	427.7	380.1
72.5	334.0	295.6
75.0	254.0	224.0
77.5	188.5	164.0
80.0	135.6	116.3
82.5	96.61	81.82
85.0	67.90	55.77
87.5	41.99	31.81
90.0	23.96	19.30
92.5	23.81	18.78
95.0	23.92	18.80
97.5	24.07	19.20
100.0	24.22	19.74
102.5	24.35	20.32
105.0	24.48	21.01
107.5	24.53	21.74
110.0	24.65	22.69
112.5	24.68	23.61
115.0	24.69	24.55
117.5	24.71	25.31
120.0	24.79	25.93
122.5	24.96	26.39
125.0	25.26	26.86
127.5	25.69	27.22
130.0	26.29	27.73
132.5	26.98	28.11
135.0	27.68	28.65
137.5	28.30	28.98
140.0	29.03	29.46
142.5	29.55	29.90
145.0	30.12	30.52
147.5	30.63	31.14
150.0	30.98	31.78
152.5	31.44	32.35
155.0	31.91	32.78
157.5	32.50	33.47
160.0	33.02	32.82
162.5	32.21	32.92
165.0	32.38	33.49
167.5	33.13	33.82
170.0	32.62	33.40
172.5	31.77	32.83
175.0	32.17	32.70
177.5	32.06	32.99
180.0	31.99	33.06

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

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