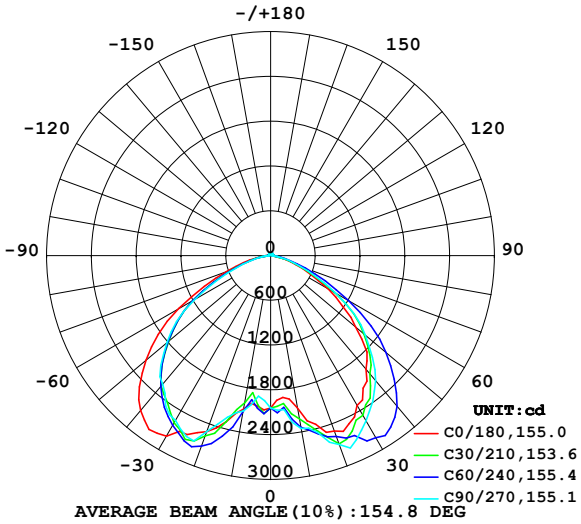
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.92V I:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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:

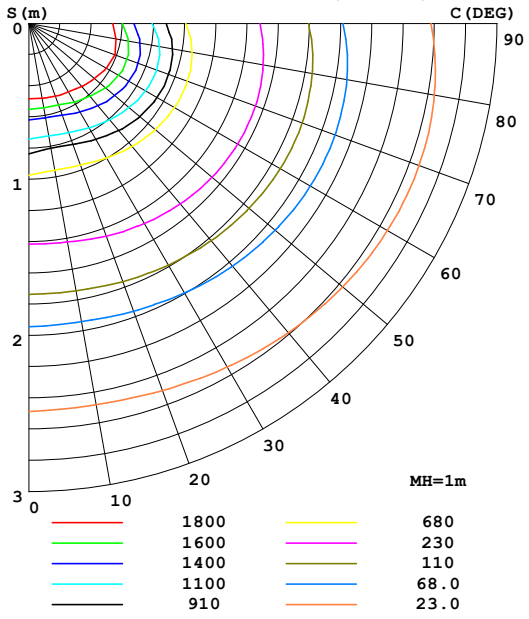
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 129.01 lm/W	
MODEL	PT01-60 50 40 30 20W-TCP	Imax(cd)	2859	S/MH(C0/180)	1.77
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.65
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	7914.6	η UP,DN(C0-180)	1.2,47.0
NOMINAL FLUX(lm)	7914.63	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.4
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	2071	2278	2352	2247	2086	2060	2115	2093	0- 10	197.4	197.4	2.49,2.49
20	2501	2632	2694	2669	2510	2641	2509	2410	10- 20	678.4	875.8	11.1,11.1
30	2318	2643	2556	2581	2792	2605	2551	2591	20- 30	1214	2090	26.4,26.4
40	1988	2348	2191	2237	2711	2286	2253	2369	30- 40	1546	3636	45.9,45.9
50	1485	1820	1662	1755	2177	1788	1817	1854	40- 50	1598	5233	66.1,66.1
60	888.4	1098	1003	1049	1421	1206	1177	1125	50- 60	1320	6554	82.8,82.8
70	367.1	448.2	426.8	455.9	633.8	538.5	502.3	491.6	60- 70	768.0	7322	92.5,92.5
80	101.6	120.0	126.1	142.3	203.7	165.5	159.9	156.6	70- 80	309.1	7631	96.4,96.4
90	26.27	26.80	24.96	26.76	39.79	34.63	30.59	28.63	80- 90	81.79	7713	97.4,97.4
100	26.46	28.30	25.72	27.44	35.55	31.65	30.77	29.18	90-100	31.70	7744	97.8,97.8
110	27.76	29.05	28.60	28.95	34.98	32.01	31.03	31.06	100-110	31.54	7776	98.2,98.2
120	29.34	29.57	31.33	29.41	32.74	32.16	30.94	33.08	110-120	30.55	7807	98.6,98.6
130	30.62	31.25	31.64	30.56	33.91	33.15	32.08	34.85	120-130	28.39	7835	99,99
140	32.18	32.91	33.98	32.47	36.62	35.91	35.72	36.99	130-140	25.83	7861	99.3,99.3
150	34.69	34.83	33.18	32.73	33.52	37.77	38.82	39.69	140-150	21.99	7883	99.6,99.6
160	37.90	37.13	36.73	36.44	36.66	37.16	37.02	41.18	150-160	16.93	7900	99.8,99.8
170	40.66	40.20	40.28	39.19	39.72	39.98	40.74	41.53	160-170	11.07	7911	100,100
180	42.14	41.87	41.66	41.80	42.18	41.86	41.63	41.78	170-180	3.908	7915	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4449.6 lm

%lum = 56.2%
%lamp = 56.2%

Conical surface Flux(130deg): 7009 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

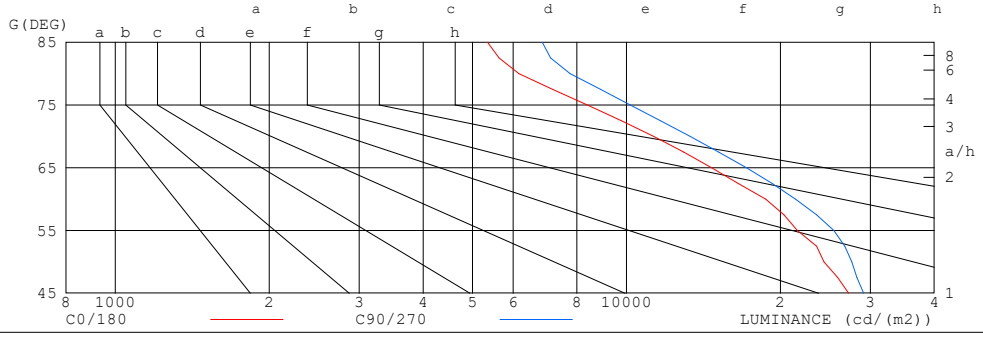
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.92V I:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz **UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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	5345	6840
80	6163	7754
75	8391	10178
70	11310	13323
65	14676	17169
60	18723	21408
55	21603	25437
50	24353	27599
45	27209	29104

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:

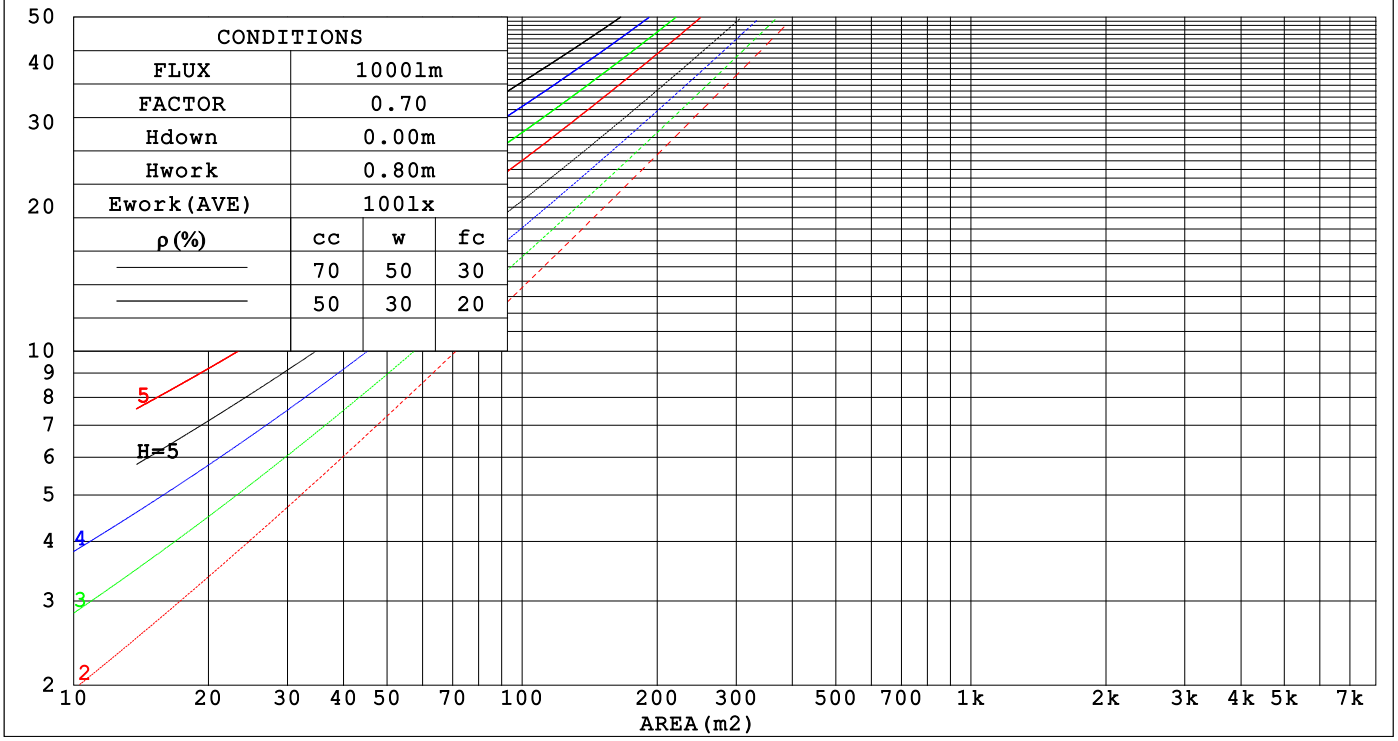
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.92V I:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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	.27	.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:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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	.223	.118	.035	.214	.115	.035	.205	.111	.034	
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.201	.106	.031	.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	.169	.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	.059	.043	.029	.019	.014	.009	
5.0	.167	.110	.068	.144	.095	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
6.0	.161	.102	.060	.138	.088	.052	.095	.062	.037	.055	.036	.022	.018	.012	.007	
7.0	.154	.095	.054	.133	.082	.047	.092	.058	.033	.053	.034	.020	.017	.011	.007	
8.0	.148	.089	.049	.127	.078	.043	.088	.054	.030	.051	.032	.018	.017	.011	.006	
9.0	.142	.085	.046	.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:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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	23.3	24.7	23.6	25.0	25.2	24.3	25.7	24.6	26.0	26.2
3H	23.8	25.2	24.2	25.4	25.7	24.8	26.2	25.2	26.4	26.7
4H	23.9	25.2	24.3	25.5	25.8	25.0	26.2	25.3	26.5	26.8
6H	23.9	25.1	24.3	25.4	25.8	25.0	26.2	25.4	26.5	26.8
8H	23.9	25.1	24.3	25.4	25.7	25.0	26.1	25.4	26.5	26.8
12H	23.9	25.0	24.3	25.3	25.7	25.0	26.1	25.4	26.4	26.8
4H 2H	23.7	25.0	24.1	25.3	25.6	24.5	25.8	24.9	26.1	26.4
3H	24.4	25.5	24.8	25.8	26.2	25.3	26.4	25.7	26.7	27.1
4H	24.5	25.5	25.0	25.9	26.3	25.5	26.5	25.9	26.8	27.2
6H	24.6	25.5	25.0	25.9	26.3	25.6	26.4	26.0	26.8	27.3
8H	24.6	25.4	25.1	25.8	26.3	25.6	26.4	26.0	26.8	27.2
12H	24.6	25.3	25.1	25.8	26.2	25.6	26.3	26.1	26.8	27.2
8H 4H	24.6	25.4	25.0	25.8	26.3	25.5	26.3	25.9	26.7	27.1
6H	24.7	25.4	25.2	25.8	26.3	25.6	26.3	26.1	26.7	27.2
8H	24.7	25.3	25.2	25.8	26.3	25.7	26.3	26.2	26.7	27.2
12H	24.8	25.3	25.3	25.8	26.3	25.7	26.2	26.2	26.7	27.2
12H 4H	24.6	25.3	25.0	25.7	26.2	25.4	26.2	25.9	26.6	27.1
6H	24.7	25.3	25.2	25.8	26.3	25.6	26.2	26.1	26.7	27.2
8H	24.8	25.3	25.3	25.7	26.3	25.7	26.2	26.2	26.7	27.2

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.4 / - 0.6	+ 0.5 / - 0.5
1.5H	+ 0.5 / - 0.8	+ 0.6 / - 0.9
2.0H	+ 0.6 / - 1.2	+ 0.7 / - 1.2

CIE Pub.117, 7915 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 7.2)
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:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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:

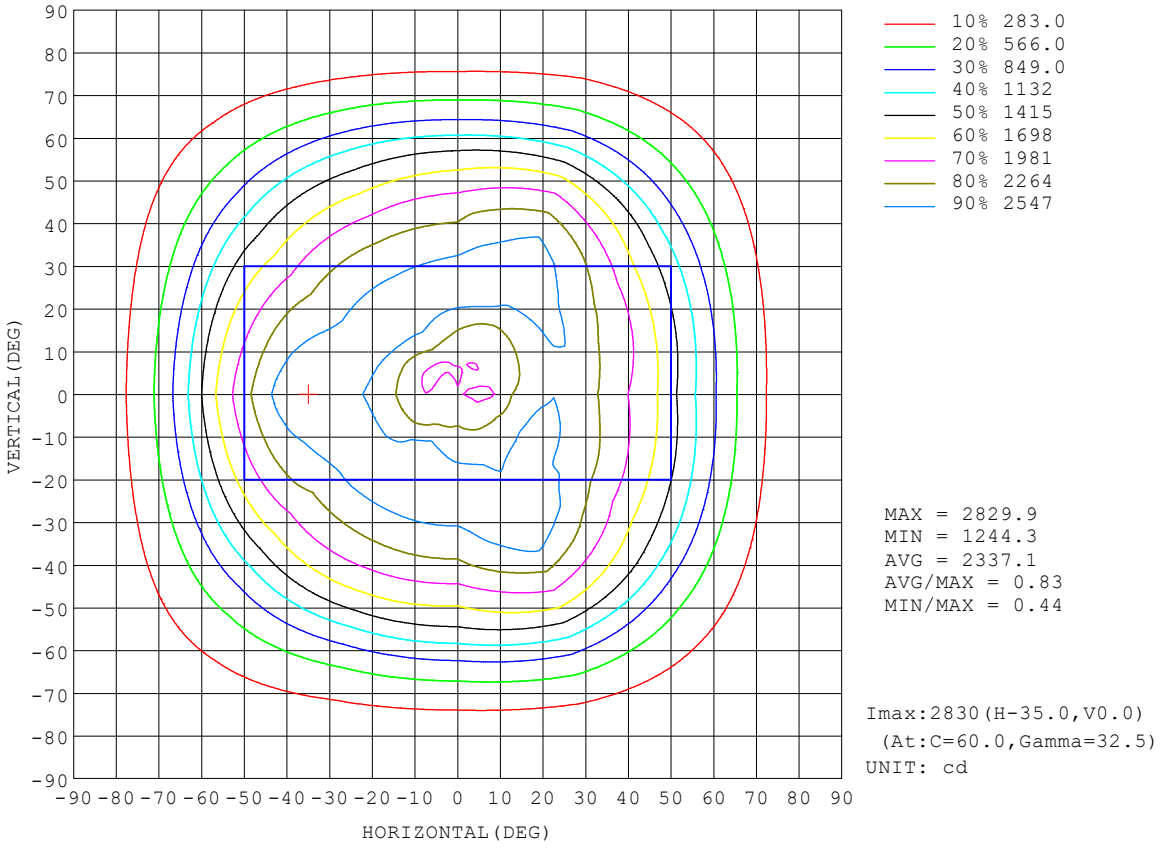
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	55	45	39	33
0.80	68	57	50	67	56	49	65	55	49	42
1.00	77	66	59	76	66	59	73	67	58	51
1.25	84	74	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	71
2.50	100	92	87	98	91	86	93	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	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:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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:



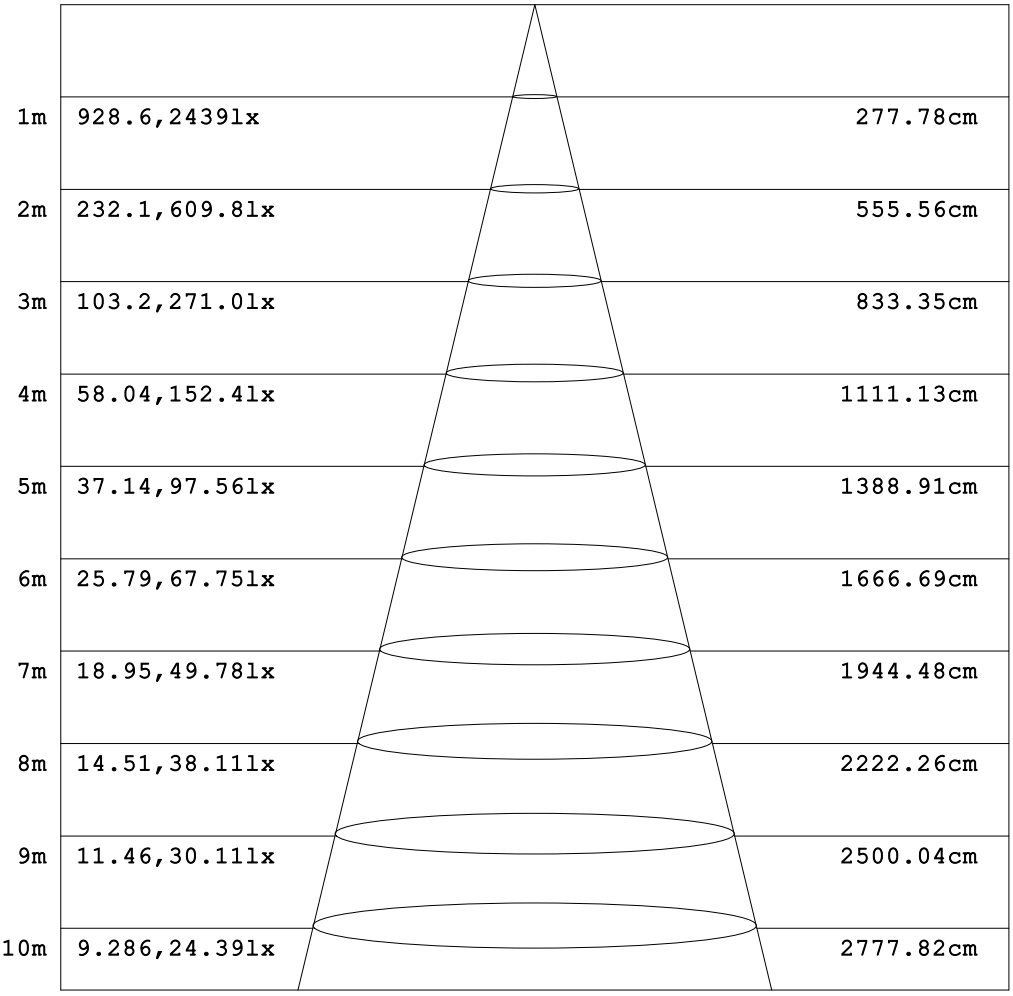
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.92V I:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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:5950 lm



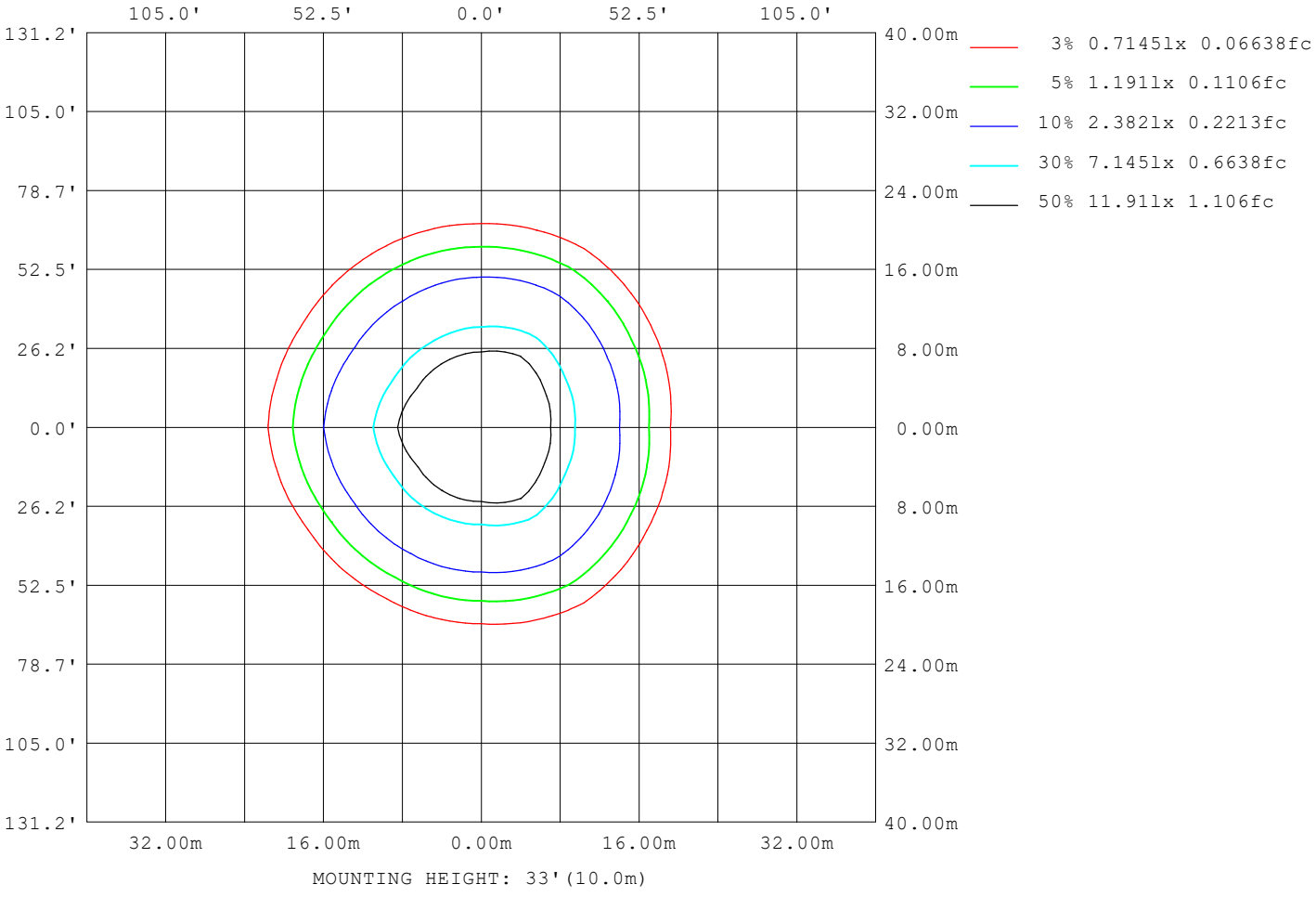
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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:

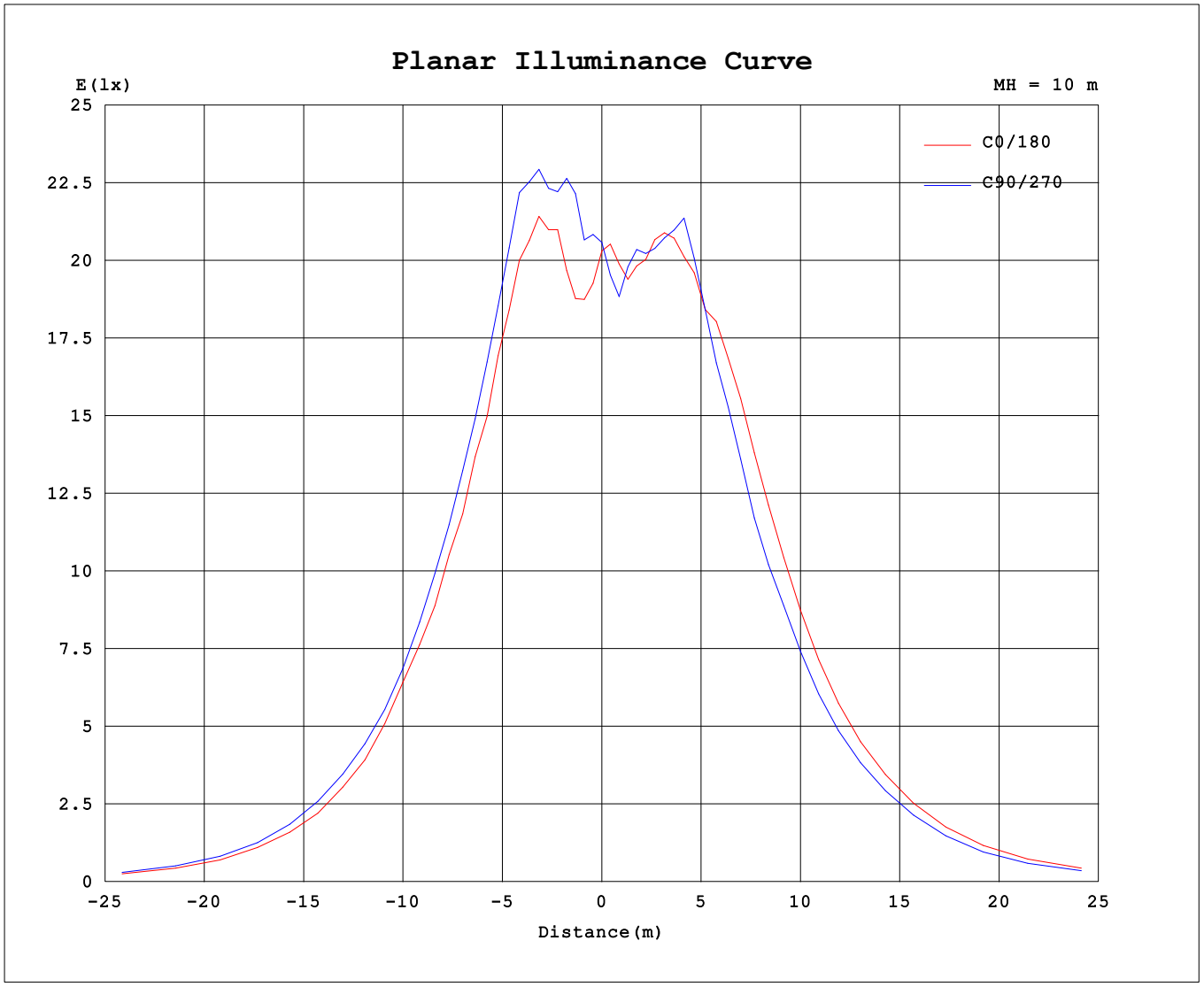
AvgL	cd/m2
L_0~180(65)av	19702
L_0~180(75)av	11936
L_0~180(85)av	8862
L_90~270(65)av	18423
L_90~270(75)av	11157
L_90~270(85)av	8241
L_45(65)av	19193
L_45(75)av	11468
L_45(85)av	8185

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:0.5137A P:61.347W PF:0.9958 Freq:60.01Hz UTHDi:0.34% ITHDi:5.08% KDisp:0.0000 Lamp Flux:7914.63x1 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	2042	2042	2042	2042	2042	2042	2042	2042	2042	2042	2042	2042
5	1906	1991	2040	2073	2178	2005	2022	2005	2055	1891	2139	1968
10	2071	2224	2333	2352	2457	2046	2086	1999	2123	2115	2097	2089
15	2342	2434	2473	2458	2752	2348	2306	2306	2506	2245	2101	2145
20	2501	2683	2580	2694	2826	2518	2510	2569	2715	2509	2479	2343
25	2486	2594	2661	2720	2764	2599	2647	2717	2739	2675	2624	2500
30	2318	2473	2817	2556	2632	2533	2792	2588	2623	2551	2724	2463
35	2166	2331	2807	2390	2459	2379	2845	2410	2482	2455	2764	2274
40	1988	2067	2637	2191	2256	2219	2711	2281	2292	2253	2620	2128
45	1826	1883	2343	1927	2016	2020	2485	2055	2060	2083	2404	1910
50	1485	1628	2018	1662	1746	1764	2177	1784	1792	1817	2090	1627
55	1176	1363	1647	1366	1405	1458	1838	1516	1519	1543	1725	1341
60	888	996	1203	1003	1015	1082	1421	1206	1205	1177	1263	993
65	589	647	809	680	688	746	983	845	843	790	859	688
70	367	399	499	427	433	478	634	544	533	502	546	440
75	206	214	275	247	253	286	377	317	319	298	324	256
80	102	101	139	126	139	145	204	168	163	160	173	141
85	44.2	41.7	53.4	55.8	61.9	71.5	102	81.8	80.7	79.8	86.5	64.4
90	26.3	24.5	29.1	25.0	26.8	26.7	39.8	34.4	34.9	30.6	31.9	25.5
95	26.2	26.1	29.2	25.0	26.8	27.1	35.7	31.0	32.7	30.5	32.0	24.8
100	26.5	27.2	29.5	25.7	27.2	27.6	35.6	30.8	32.5	30.8	32.5	26.0
105	27.0	27.8	29.7	26.9	28.0	28.3	35.3	31.4	32.2	30.8	32.9	27.4
110	27.8	28.3	29.8	28.6	28.9	29.0	35.0	31.8	32.2	31.0	33.3	28.9
115	28.6	28.8	29.8	30.3	29.9	28.8	33.9	31.8	32.5	31.3	33.6	30.7
120	29.3	29.2	30.0	31.3	30.8	28.1	32.7	31.7	32.7	30.9	34.0	32.2
125	30.0	29.9	30.7	32.0	31.4	28.2	32.8	32.3	32.7	31.9	35.0	33.1
130	30.6	30.8	31.7	31.6	32.0	29.2	33.9	33.1	33.2	32.1	36.1	33.7
135	31.3	31.8	33.0	32.6	33.0	28.9	35.4	34.3	34.2	33.9	37.3	34.5
140	32.2	32.8	33.0	34.0	33.8	31.2	36.6	36.0	35.8	35.7	38.4	35.6
145	33.3	33.8	34.4	32.3	32.0	32.4	37.2	33.4	37.8	37.4	39.5	37.1
150	34.7	34.2	35.5	33.2	33.3	32.2	33.5	36.0	39.6	38.8	40.5	38.9
155	36.5	35.3	37.3	35.2	35.2	33.4	35.3	36.0	35.5	35.2	40.9	40.5
160	37.9	36.7	37.6	36.7	37.9	35.1	36.7	36.7	37.7	37.0	42.2	40.2
165	39.4	38.1	39.0	38.6	39.3	36.2	37.9	37.4	39.7	42.1	43.2	41.5
170	40.7	39.7	40.7	40.3	40.5	38.0	39.7	39.0	41.0	40.7	41.9	41.1
175	41.7	40.8	42.1	41.2	41.7	39.4	41.3	40.3	42.1	41.2	42.5	41.0
180	42.1	41.2	42.6	41.7	42.2	41.4	42.2	41.1	42.6	41.6	42.3	41.3

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	2042	2042	2042	2042	2042	2042	2042	2042	2042	2042
2.5	1943	2022	2108	2073	2069	1999	2069	2119	2121	1943
5.0	1906	1991	2040	2073	2178	2005	2022	2005	2055	1891
7.5	1937	2136	2210	2255	2240	2078	2001	1852	1946	2015
10.0	2071	2224	2333	2352	2457	2046	2086	1999	2123	2115
12.5	2267	2319	2393	2368	2589	2217	2164	2115	2350	2157
15.0	2342	2434	2473	2458	2752	2348	2306	2306	2506	2245
17.5	2483	2553	2548	2623	2784	2406	2421	2498	2641	2370
20.0	2501	2683	2580	2694	2826	2518	2510	2569	2715	2509
22.5	2551	2664	2646	2792	2811	2652	2566	2686	2771	2688
25.0	2486	2594	2661	2720	2764	2599	2647	2717	2739	2675
27.5	2440	2487	2800	2636	2706	2543	2653	2630	2680	2617
30.0	2318	2473	2817	2556	2632	2533	2792	2588	2623	2551
32.5	2294	2371	2859	2465	2549	2501	2824	2497	2560	2527
35.0	2166	2331	2807	2390	2459	2379	2845	2410	2482	2455
37.5	2119	2202	2732	2285	2362	2273	2781	2346	2391	2328
40.0	1988	2067	2637	2191	2256	2219	2711	2281	2292	2253
42.5	1915	1992	2498	2070	2142	2140	2619	2173	2180	2201
45.0	1826	1883	2343	1927	2016	2020	2485	2055	2060	2083
47.5	1659	1757	2184	1786	1887	1897	2332	1923	1927	1947
50.0	1485	1628	2018	1662	1746	1764	2177	1784	1792	1817
52.5	1361	1502	1843	1524	1590	1626	2010	1652	1656	1685
55.0	1176	1363	1647	1366	1405	1458	1838	1516	1519	1543
57.5	1037	1190	1424	1185	1205	1267	1642	1369	1374	1373
60.0	888.4	995.6	1203	1003	1015	1082	1421	1206	1205	1177
62.5	724.7	805.7	993.9	832.8	843.3	905.0	1192	1022	1023	972.4
65.0	588.6	646.7	808.9	679.6	688.1	746.0	983.5	845.2	843.1	790.4
67.5	470.1	514.0	641.9	543.1	548.3	603.4	798.8	685.2	678.6	635.7
70.0	367.1	399.1	498.7	426.8	433.0	477.8	633.8	543.6	533.2	502.3
72.5	278.7	306.7	375.5	328.2	335.4	369.6	494.0	421.1	410.9	392.0
75.0	206.1	214.4	274.6	246.7	253.5	286.3	377.2	317.3	318.7	298.5
77.5	147.1	150.1	193.5	180.4	185.4	203.0	290.4	234.1	226.6	221.8
80.0	101.6	101.1	139.4	126.1	139.4	145.1	203.7	168.2	162.7	159.9
82.5	69.78	66.82	85.43	86.82	93.62	103.8	144.2	124.9	114.2	112.6
85.0	44.21	41.70	53.42	55.84	61.92	71.46	101.6	81.76	80.70	79.77
87.5	26.85	24.18	30.06	29.18	33.26	40.88	68.73	55.73	55.55	51.75
90.0	26.27	24.55	29.12	24.96	26.78	26.74	39.79	34.41	34.85	30.59
92.5	26.19	25.36	29.11	24.88	26.73	26.91	35.51	31.06	32.67	30.37
95.0	26.18	26.07	29.21	25.00	26.80	27.12	35.66	30.96	32.67	30.54
97.5	26.28	26.66	29.35	25.30	26.99	27.34	35.63	30.89	32.62	30.64
100.0	26.46	27.15	29.49	25.72	27.25	27.63	35.55	30.85	32.48	30.77
102.5	26.71	27.54	29.60	26.28	27.60	27.97	35.43	30.92	32.34	30.78
105.0	27.01	27.83	29.68	26.92	28.00	28.32	35.34	31.38	32.25	30.83
107.5	27.38	28.09	29.73	27.68	28.45	28.66	35.20	31.73	32.21	30.92
110.0	27.76	28.33	29.80	28.60	28.94	28.97	34.98	31.79	32.22	31.03
112.5	28.17	28.57	29.84	29.37	29.43	29.13	34.56	31.79	32.34	31.15
115.0	28.56	28.76	29.84	30.29	29.89	28.82	33.89	31.81	32.48	31.34
117.5	28.97	28.96	29.85	30.96	30.33	28.39	33.17	31.58	32.60	31.27
120.0	29.34	29.18	29.97	31.33	30.76	28.13	32.74	31.66	32.67	30.94
122.5	29.67	29.50	30.27	31.61	31.09	28.07	32.69	31.89	32.64	31.30
125.0	29.96	29.91	30.71	32.02	31.36	28.24	32.84	32.28	32.66	31.85
127.5	30.27	30.32	31.20	31.95	31.55	28.66	33.26	32.61	32.80	32.45
130.0	30.62	30.77	31.74	31.64	31.99	29.19	33.91	33.08	33.21	32.08
132.5	30.95	31.26	32.35	32.24	32.48	29.02	34.68	33.64	33.59	32.50
135.0	31.30	31.76	32.98	32.55	32.96	28.93	35.39	34.30	34.18	33.94
137.5	31.71	32.26	33.38	33.17	33.53	29.70	36.07	35.10	34.92	34.86
140.0	32.18	32.83	32.99	33.98	33.84	31.15	36.62	36.00	35.81	35.72
142.5	32.72	33.38	33.56	33.79	31.52	30.88	36.90	35.64	36.79	36.53
145.0	33.34	33.75	34.41	32.34	32.02	32.37	37.17	33.39	37.83	37.42
147.5	34.08	33.79	34.62	32.73	32.42	32.08	34.82	32.14	38.80	38.16
150.0	34.69	34.21	35.47	33.18	33.30	32.19	33.52	36.02	39.56	38.82
152.5	35.44	34.91	35.31	34.74	34.20	32.88	34.07	39.50	35.20	39.26
155.0	36.46	35.31	37.26	35.16	35.18	33.44	35.35	36.02	35.49	35.24
157.5	37.01	36.17	37.32	35.67	36.36	34.28	35.61	36.14	36.68	36.02
160.0	37.90	36.67	37.60	36.73	37.85	35.09	36.66	36.65	37.69	37.02
162.5	38.70	37.20	38.04	37.72	38.48	35.56	37.28	36.71	38.61	39.23
165.0	39.39	38.12	38.99	38.61	39.31	36.19	37.88	37.36	39.65	42.15
167.5	40.02	38.88	39.89	39.48	39.87	37.09	38.79	38.20	40.32	41.91
170.0	40.66	39.68	40.74	40.28	40.46	37.96	39.72	38.99	41.00	40.74
172.5	41.28	40.19	41.47	40.96	41.16	38.77	40.61	39.69	41.63	41.10
175.0	41.73	40.77	42.10	41.22	41.71	39.43	41.35	40.28	42.14	41.20
177.5	42.08	41.13	42.47	41.56	42.09	40.11	41.89	40.72	42.48	41.50
180.0	42.14	41.17	42.58	41.66	42.24	41.39	42.18	41.13	42.62	41.63

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	2042	2042
2.5	2075	1941
5.0	2139	1968
7.5	1969	1999
10.0	2097	2089
12.5	2201	2039
15.0	2101	2145
17.5	2235	2274
20.0	2479	2343
22.5	2556	2419
25.0	2624	2500
27.5	2725	2525
30.0	2724	2463
32.5	2793	2361
35.0	2764	2274
37.5	2706	2217
40.0	2620	2128
42.5	2531	2032
45.0	2404	1910
47.5	2248	1771
50.0	2090	1627
52.5	1919	1491
55.0	1725	1341
57.5	1496	1164
60.0	1263	992.7
62.5	1048	836.0
65.0	859.1	688.0
67.5	691.7	555.8
70.0	545.8	439.6
72.5	426.1	340.0
75.0	324.3	255.8
77.5	240.2	187.1
80.0	173.0	140.8
82.5	123.6	94.47
85.0	86.51	64.38
87.5	52.72	36.36
90.0	31.88	25.51
92.5	31.85	25.00
95.0	32.04	24.85
97.5	32.27	25.31
100.0	32.46	26.02
102.5	32.70	26.71
105.0	32.89	27.42
107.5	33.06	28.12
110.0	33.29	28.92
112.5	33.47	29.82
115.0	33.56	30.73
117.5	33.82	31.48
120.0	34.05	32.16
122.5	34.47	32.66
125.0	34.96	33.06
127.5	35.55	33.25
130.0	36.06	33.69
132.5	36.75	34.08
135.0	37.27	34.47
137.5	37.86	35.02
140.0	38.41	35.62
142.5	38.92	36.31
145.0	39.51	37.12
147.5	40.05	37.96
150.0	40.51	38.90
152.5	41.14	39.76
155.0	40.92	40.48
157.5	41.86	41.43
160.0	42.16	40.23
162.5	42.73	41.50
165.0	43.25	41.52
167.5	43.36	41.30
170.0	41.94	41.15
172.5	42.20	40.58
175.0	42.49	40.98
177.5	42.30	41.28
180.0	42.29	41.30

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: