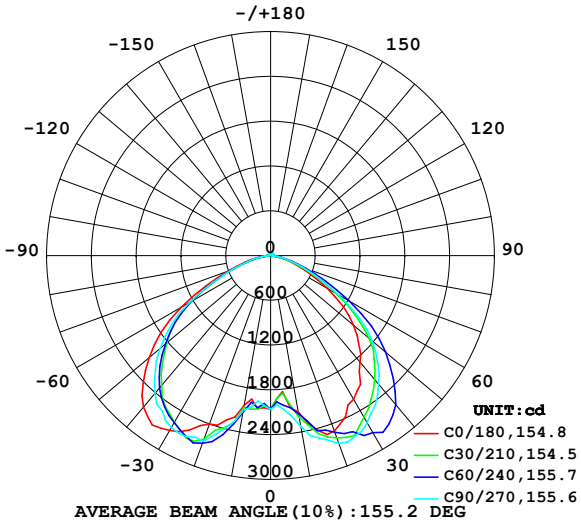
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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:

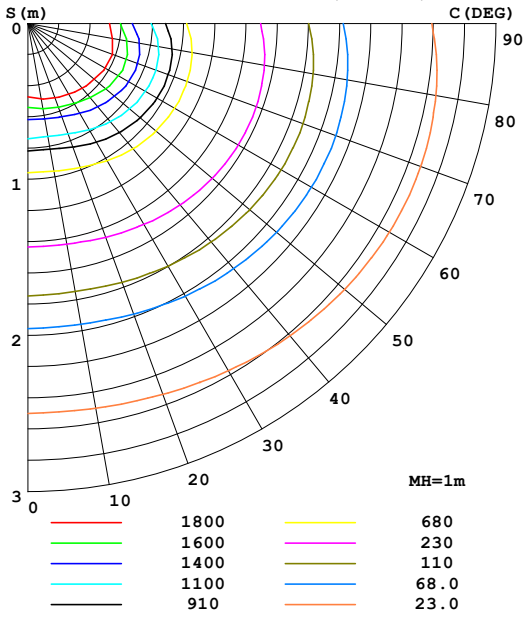
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 131.01 lm/W	
MODEL	PT01-60 50 40 30 20W-TCP	Imax(cd)	2892	S/MH(C0/180)	1.75
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.69
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	8049.2	η UP,DN(C0-180)	1.2,46.8
NOMINAL FLUX(lm)	8049.17	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.7
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	2125	2174	2318	2364	2037	2096	2103	2080	0- 10	197.5	197.5	2.45,2.45
20	2504	2559	2680	2797	2401	2645	2645	2461	10- 20	691.4	888.8	11,11
30	2224	2621	2584	2639	2704	2582	2658	2658	20- 30	1214	2103	26.1,26.1
40	1867	2387	2251	2307	2647	2295	2412	2489	30- 40	1566	3668	45.6,45.6
50	1446	1865	1779	1798	2125	1827	1935	1975	40- 50	1630	5298	65.8,65.8
60	871.2	1107	1047	1068	1382	1231	1253	1201	50- 60	1357	6655	82.7,82.7
70	358.1	460.7	448.6	466.4	610.8	539.5	536.3	527.8	60- 70	788.1	7443	92.5,92.5
80	107.0	127.7	132.9	145.1	192.6	162.8	168.0	164.4	70- 80	317.3	7760	96.4,96.4
90	26.61	27.45	25.56	27.50	37.45	33.05	31.25	30.00	80- 90	83.45	7844	97.4,97.4
100	26.43	28.84	26.54	28.32	36.53	31.61	31.64	30.43	90-100	32.34	7876	97.9,97.9
110	27.65	29.51	29.55	29.80	35.62	32.03	31.92	32.21	100-110	32.23	7908	98.3,98.3
120	29.27	30.07	32.53	30.28	31.99	31.97	31.90	34.16	110-120	31.11	7939	98.6,98.6
130	30.40	31.74	33.48	31.34	32.30	32.82	33.61	36.06	120-130	28.79	7968	99,99
140	31.76	33.34	35.56	33.36	35.08	35.11	36.70	38.38	130-140	26.14	7994	99.3,99.3
150	34.45	35.35	34.74	33.91	32.51	36.54	40.47	41.13	140-150	22.31	8017	99.6,99.6
160	37.15	37.14	38.07	37.60	35.38	37.41	38.52	43.38	150-160	17.25	8034	99.8,99.8
170	39.77	40.14	41.92	40.70	38.49	39.93	42.51	43.59	160-170	11.24	8045	100,100
180	41.03	41.80	43.34	43.23	41.01	41.78	43.38	43.20	170-180	3.966	8049	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4495.4 lm

%lum = 55.8%
%lamp = 55.8%

Conical surface Flux(130deg): 7121.8 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

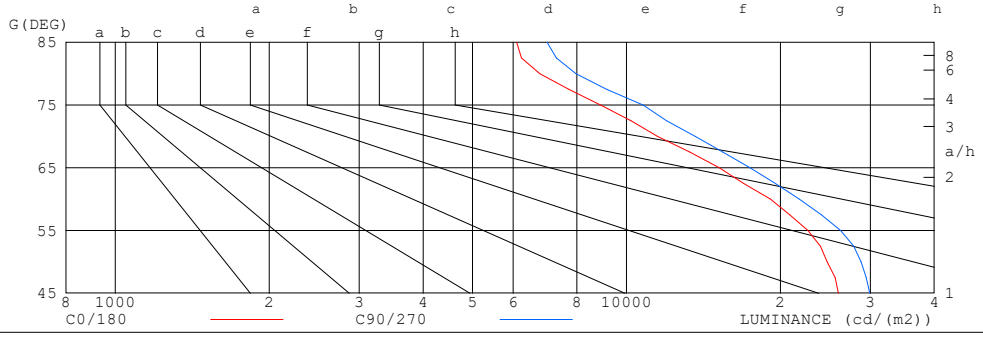
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz **UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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	6097	6994
80	6766	7959
75	8892	10775
70	11495	13639
65	15196	17448
60	19132	21776
55	22655	26230
50	24697	28771
45	25961	29901

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:

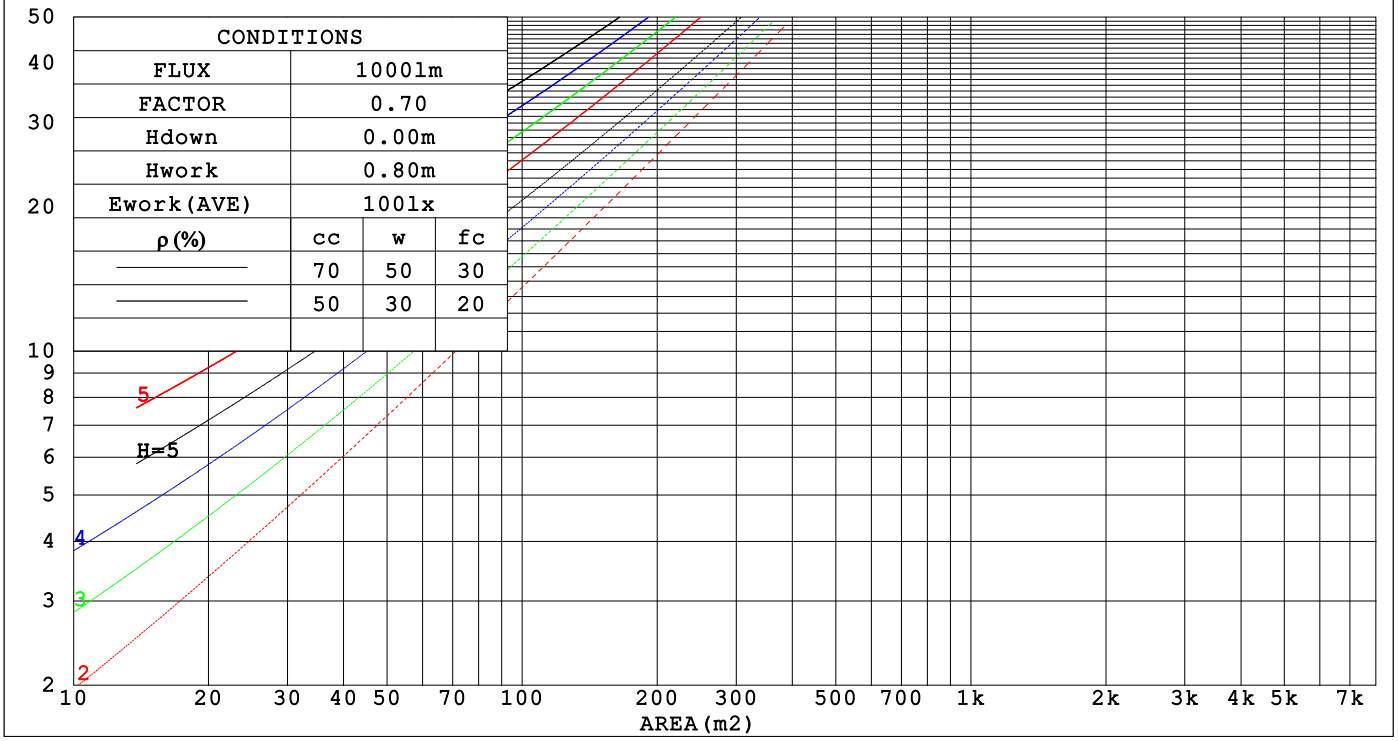
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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	.74	.79	.75	.72	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.70	.65	.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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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	.262	.150	.048	.248	.143	.046	.236	.137	.044	
2.0	.273	.150	.046	.266	.147	.045	.253	.141	.044	.241	.135	.042	.230	.130	.041	
3.0	.257	.137	.041	.250	.134	.040	.239	.130	.039	.228	.125	.038	.219	.121	.037	
4.0	.240	.125	.037	.234	.123	.036	.224	.119	.035	.215	.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	.089	.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	.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	.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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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	23.4	24.9	23.7	25.1	25.4	24.4	25.8	24.7	26.1	26.3
3H	24.0	25.3	24.3	25.6	25.9	25.0	26.3	25.3	26.6	26.9
4H	24.1	25.3	24.4	25.6	25.9	25.1	26.4	25.4	26.6	27.0
6H	24.1	25.3	24.5	25.6	25.9	25.1	26.3	25.5	26.6	27.0
8H	24.1	25.2	24.5	25.6	25.9	25.1	26.3	25.5	26.6	26.9
12H	24.1	25.2	24.5	25.5	25.9	25.1	26.2	25.5	26.5	26.9
4H 2H	23.9	25.1	24.2	25.4	25.7	24.7	25.9	25.0	26.2	26.5
3H	24.5	25.6	24.9	26.0	26.3	25.4	26.5	25.8	26.8	27.2
4H	24.7	25.7	25.1	26.1	26.5	25.6	26.6	26.0	27.0	27.3
6H	24.8	25.7	25.2	26.1	26.5	25.7	26.6	26.1	27.0	27.4
8H	24.8	25.6	25.3	26.0	26.5	25.7	26.5	26.2	27.0	27.4
12H	24.8	25.6	25.3	26.0	26.4	25.7	26.5	26.2	26.9	27.4
8H 4H	24.8	25.6	25.2	26.0	26.4	25.6	26.4	26.1	26.8	27.3
6H	24.9	25.6	25.4	26.0	26.5	25.8	26.5	26.3	26.9	27.4
8H	25.0	25.6	25.5	26.0	26.5	25.8	26.4	26.3	26.9	27.4
12H	25.0	25.5	25.5	26.0	26.5	25.9	26.4	26.4	26.9	27.4
12H 4H	24.8	25.5	25.2	25.9	26.4	25.6	26.3	26.0	26.7	27.2
6H	24.9	25.5	25.4	26.0	26.5	25.8	26.4	26.3	26.8	27.3
8H	25.0	25.5	25.5	26.0	26.5	25.8	26.3	26.4	26.8	27.4
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 / - 0.9					+ 0.6 / - 1.0				
2.0H	+ 0.6 / - 1.2					+ 0.7 / - 1.2				

CIE Pub.117, 8049 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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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:

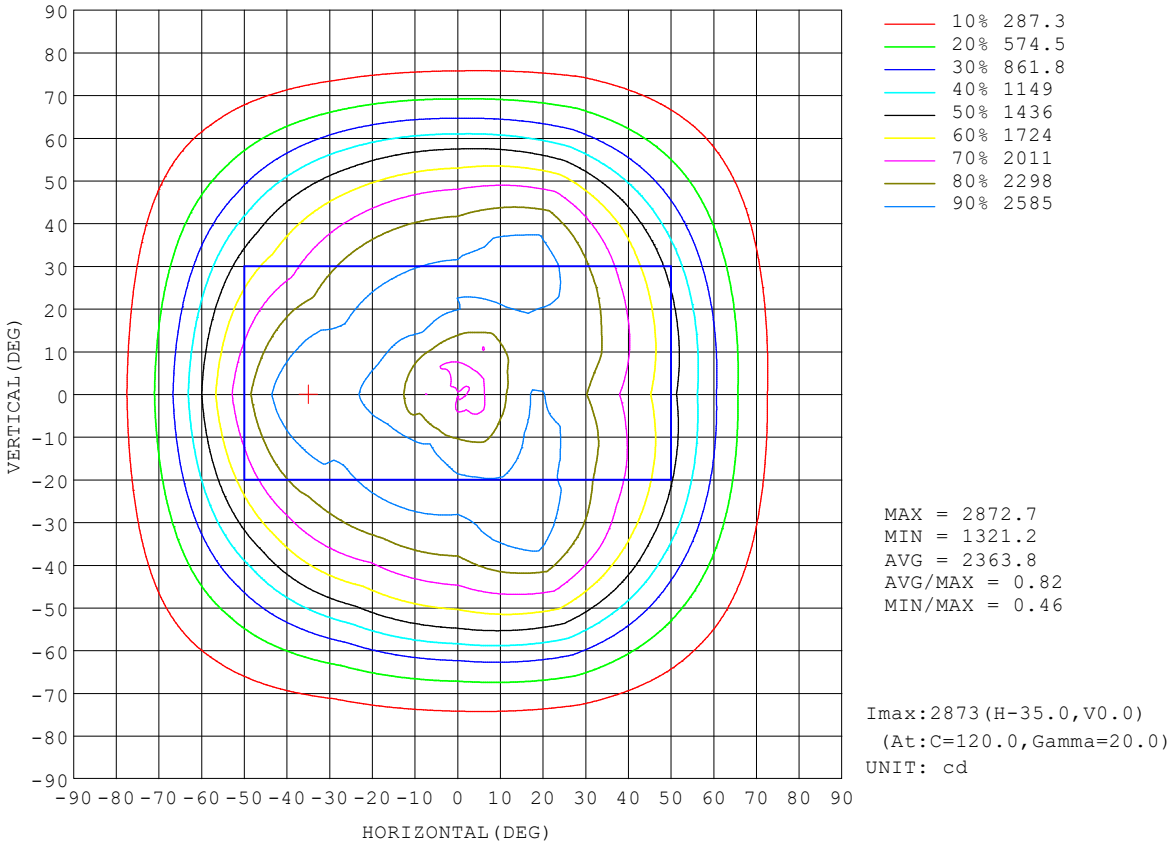
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	49	67	56	49	65	55	49	42
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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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:



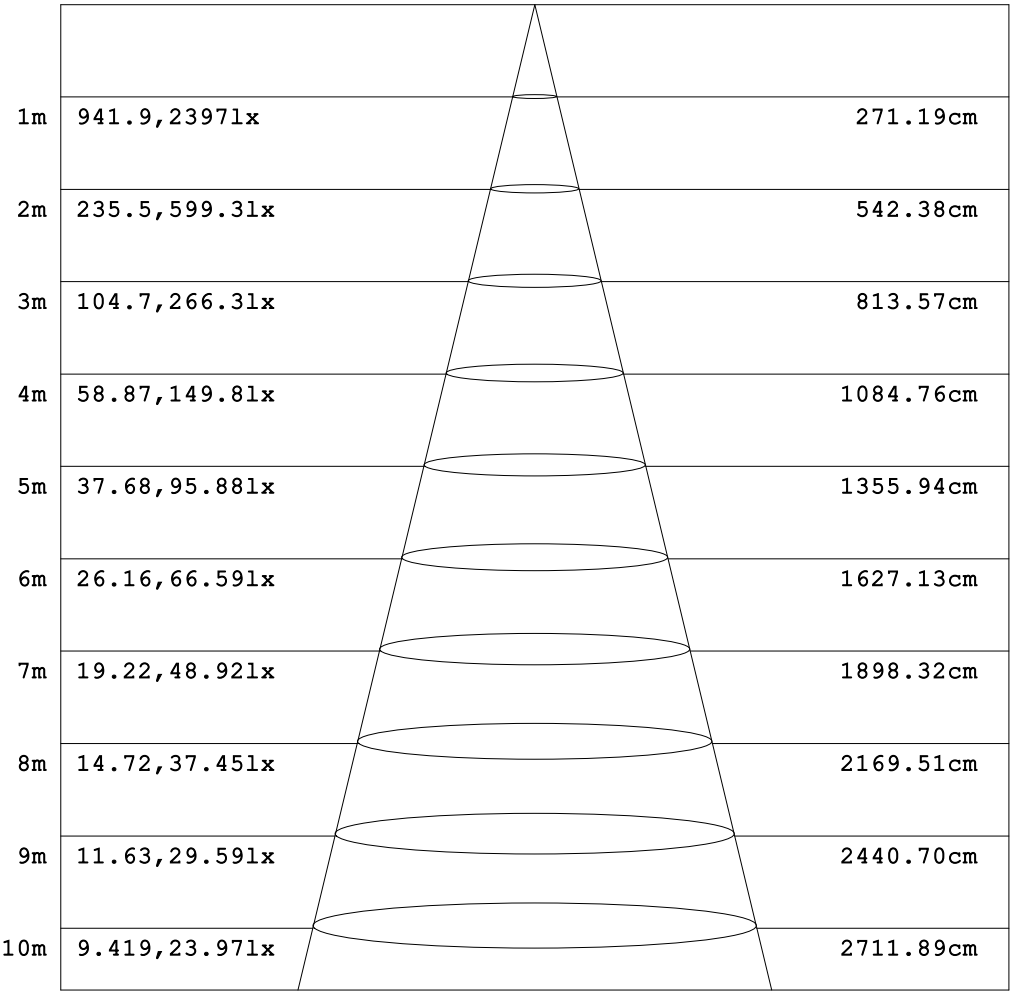
C Range: 0 - 360DEG
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Test Speed: HIGH
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Operators:
Test Date:16 October 2026

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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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:6035 lm



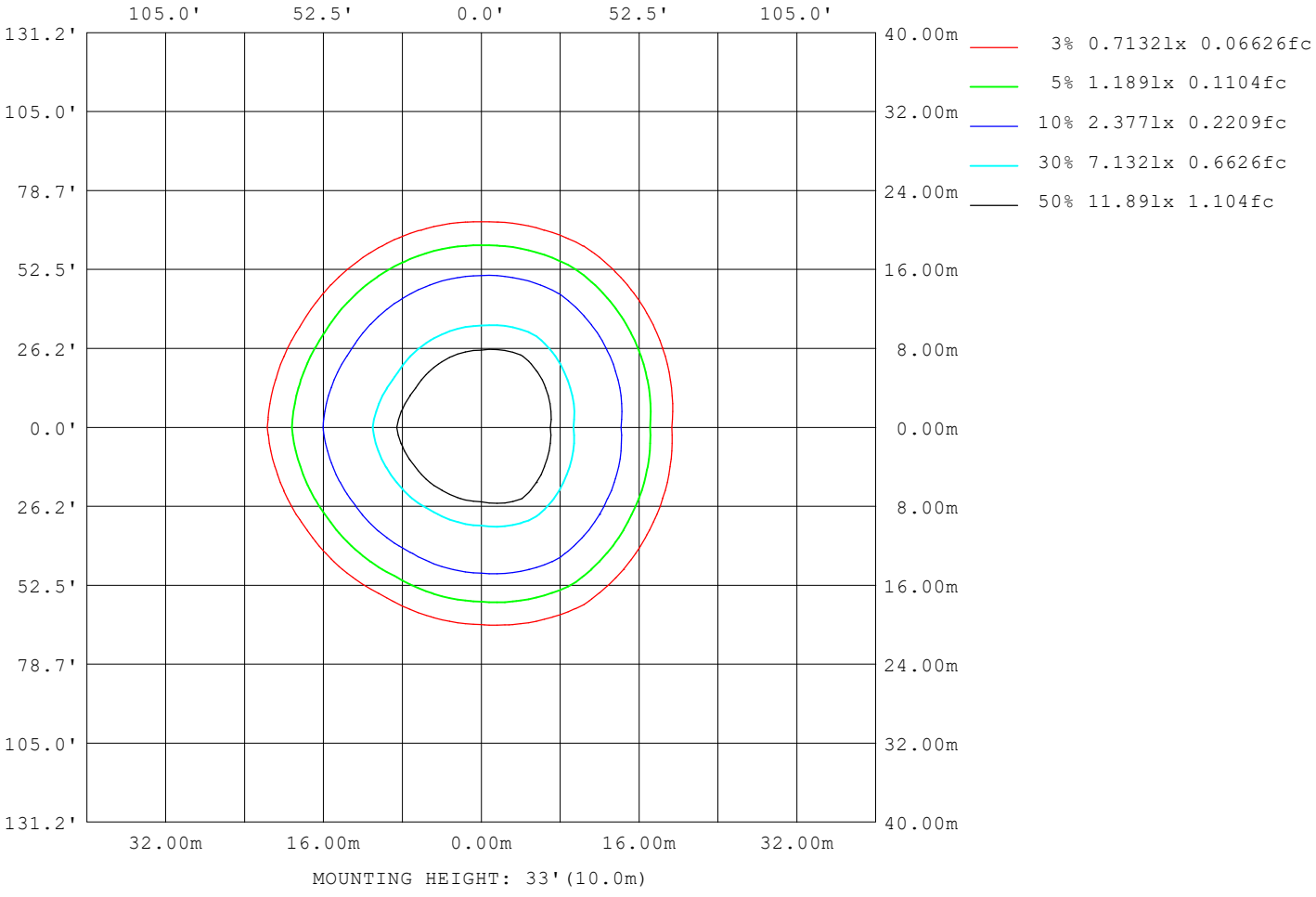
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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:

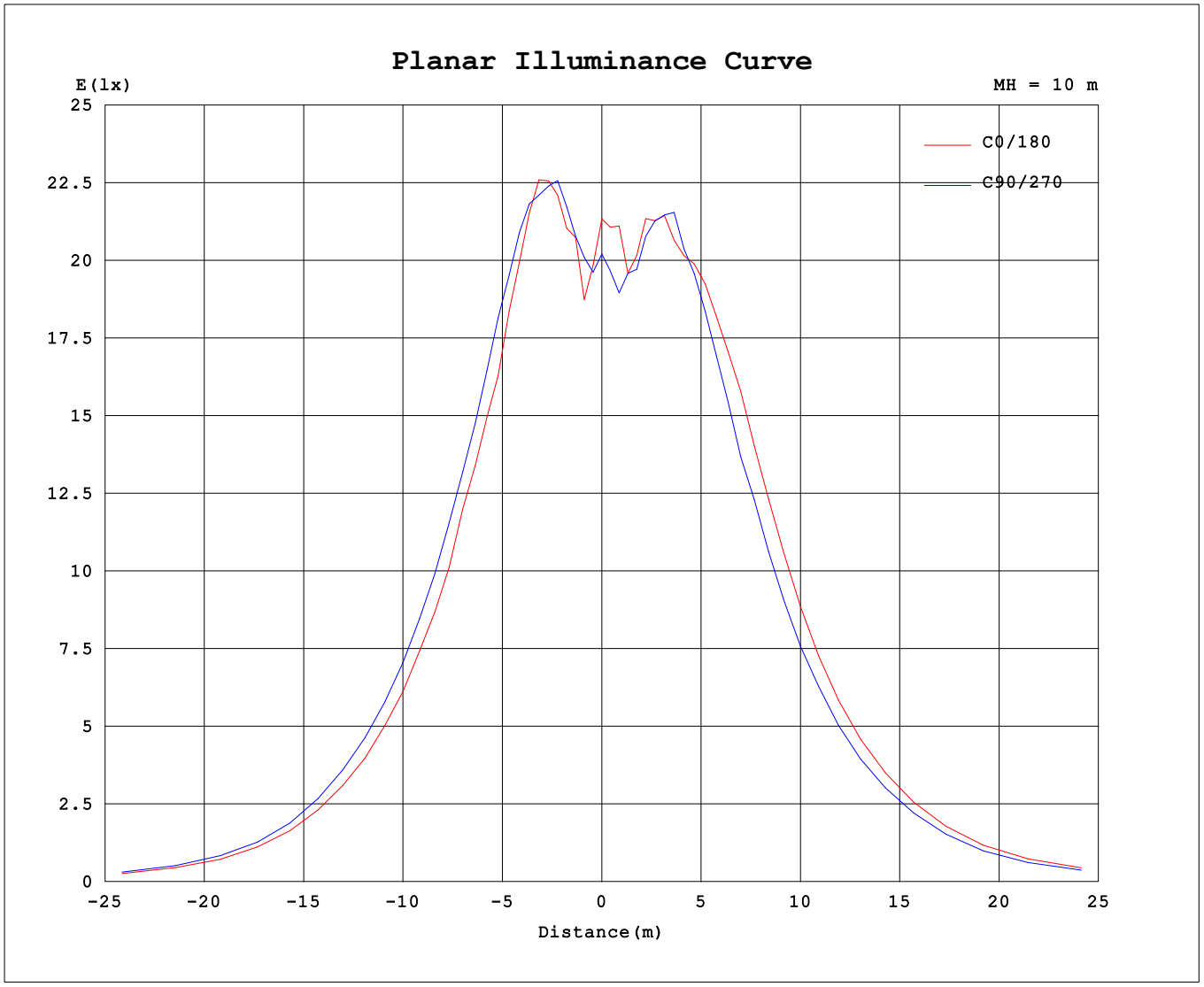
AvgL	cd/m2
L_0~180(65)av	19292
L_0~180(75)av	11680
L_0~180(85)av	8748
L_90~270(65)av	19516
L_90~270(75)av	11967
L_90~270(85)av	8593
L_45(65)av	19859
L_45(75)av	11840
L_45(85)av	8436

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:119.94V I:0.5144A P:61.437W PF:0.9957 Freq:60.01Hz UTHDi:0.32% ITHDi:5.41% KDisp:0.0000 Lamp Flux:8049.17x1 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	2059	2059	2059	2059	2059	2059	2059	2059	2059	2059	2059	2059
5	1829	1851	2017	2071	2110	2057	2061	2062	2044	1954	1980	1953
10	2125	2196	2152	2318	2387	2340	2037	2062	2130	2103	2096	2065
15	2415	2471	2429	2532	2719	2544	2279	2386	2482	2404	2306	2350
20	2504	2596	2522	2680	2892	2705	2401	2614	2677	2645	2461	2461
25	2381	2661	2605	2673	2783	2788	2578	2695	2677	2680	2755	2472
30	2224	2502	2741	2584	2642	2637	2704	2579	2586	2658	2827	2493
35	2106	2348	2762	2446	2467	2547	2772	2465	2476	2536	2829	2446
40	1867	2167	2608	2251	2245	2367	2647	2273	2316	2412	2704	2278
45	1672	1961	2322	2034	1992	2160	2418	2050	2099	2186	2490	2032
50	1446	1720	2011	1779	1718	1877	2125	1815	1840	1935	2172	1782
55	1184	1384	1650	1447	1382	1528	1793	1567	1559	1630	1800	1482
60	871	1006	1208	1047	999	1135	1382	1239	1224	1253	1324	1081
65	585	685	813	709	681	787	954	856	850	848	903	746
70	358	417	505	449	431	501	611	545	534	536	575	481
75	210	233	280	268	253	298	361	319	306	317	342	283
80	107	111	144	133	140	150	193	167	159	168	182	147
85	48.4	46.8	56.7	58.6	62.0	72.6	95.6	79.4	77.4	82.8	91.0	71.2
90	26.6	25.2	29.7	25.6	27.3	27.7	37.5	32.7	33.4	31.3	33.0	27.0
95	26.1	26.8	29.7	25.7	27.3	28.2	36.5	31.2	32.0	31.4	33.0	26.5
100	26.4	27.9	29.8	26.5	27.8	28.9	36.5	31.4	31.8	31.6	33.4	27.5
105	27.0	28.6	29.9	27.9	28.5	29.6	36.3	31.9	31.5	31.8	33.6	28.9
110	27.6	29.0	30.0	29.5	29.4	30.2	35.6	32.5	31.5	31.9	33.9	30.6
115	28.5	29.5	30.1	31.4	30.2	30.4	33.8	32.2	31.9	32.3	34.1	32.6
120	29.3	29.9	30.2	32.5	31.0	29.6	32.0	31.8	32.2	31.9	34.4	33.9
125	29.9	30.6	31.0	33.3	31.8	29.4	31.7	32.1	32.4	32.7	35.2	34.8
130	30.4	31.5	32.0	33.5	32.4	30.3	32.3	32.9	32.7	33.6	36.5	35.6
135	31.0	32.5	33.2	34.3	33.4	30.5	33.5	33.9	33.6	34.9	37.9	36.4
140	31.8	33.6	33.1	35.6	34.6	32.1	35.1	35.4	34.9	36.7	39.3	37.5
145	33.0	34.6	34.8	33.5	32.8	33.4	36.0	34.0	36.8	38.5	40.4	39.0
150	34.5	34.8	35.9	34.7	34.2	33.7	32.5	34.4	38.7	40.5	41.3	41.0
155	35.9	35.9	37.1	36.8	36.2	34.9	34.9	37.6	35.0	36.9	42.5	42.7
160	37.2	37.0	37.3	38.1	38.5	36.7	35.4	37.6	37.3	38.5	44.2	42.6
165	38.4	38.5	38.4	40.0	40.3	37.9	36.7	37.7	39.1	43.7	44.5	43.6
170	39.8	40.1	40.2	41.9	41.6	39.8	38.5	39.3	40.5	42.5	44.0	43.2
175	40.7	41.4	41.6	42.9	42.9	41.4	40.1	40.7	41.6	43.0	43.7	42.6
180	41.0	41.6	42.0	43.3	43.4	43.0	41.0	41.6	42.0	43.4	43.5	42.9

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	2059	2059	2059	2059	2059	2059	2059	2059	2059	2059
2.5	1920	1922	1964	2005	2136	2111	2039	2015	1983	2009
5.0	1829	1851	2017	2071	2110	2057	2061	2062	2044	1954
7.5	2054	2018	2056	2174	2294	2155	1939	2077	1981	2048
10.0	2125	2196	2152	2318	2387	2340	2037	2062	2130	2103
12.5	2292	2324	2267	2471	2633	2329	2214	2294	2311	2275
15.0	2415	2471	2429	2532	2719	2544	2279	2386	2482	2404
17.5	2513	2549	2453	2596	2841	2631	2385	2453	2615	2521
20.0	2504	2596	2522	2680	2892	2705	2401	2614	2677	2645
22.5	2440	2636	2584	2701	2845	2766	2466	2694	2717	2632
25.0	2381	2661	2605	2673	2783	2788	2578	2695	2677	2680
27.5	2253	2576	2716	2650	2715	2695	2660	2634	2633	2679
30.0	2224	2502	2741	2584	2642	2637	2704	2579	2586	2658
32.5	2154	2441	2806	2505	2562	2560	2742	2516	2537	2620
35.0	2106	2348	2762	2446	2467	2547	2772	2465	2476	2536
37.5	1956	2265	2694	2357	2364	2464	2711	2391	2404	2509
40.0	1867	2167	2608	2251	2245	2367	2647	2273	2316	2412
42.5	1791	2070	2471	2155	2122	2281	2551	2170	2213	2306
45.0	1672	1961	2322	2034	1992	2160	2418	2050	2099	2186
47.5	1575	1869	2168	1912	1860	2027	2274	1931	1973	2077
50.0	1446	1720	2011	1779	1718	1877	2125	1815	1840	1935
52.5	1329	1554	1840	1630	1561	1712	1964	1697	1704	1784
55.0	1184	1384	1650	1447	1382	1528	1793	1567	1559	1630
57.5	1021	1205	1429	1243	1185	1327	1599	1415	1399	1459
60.0	871.2	1006	1208	1047	999.4	1135	1382	1239	1224	1253
62.5	712.4	833.5	999.1	868.7	831.7	954.0	1159	1040	1035	1038
65.0	584.9	684.8	813.5	709.2	681.2	787.5	954.4	855.8	850.4	848.0
67.5	463.9	540.1	647.6	568.4	545.7	634.6	773.1	690.4	682.1	680.9
70.0	358.1	417.0	504.6	448.6	431.3	500.9	610.8	545.2	533.7	536.3
72.5	279.4	316.2	381.2	346.2	334.6	386.0	474.6	422.6	408.6	416.4
75.0	209.6	232.6	280.2	268.2	253.3	298.2	361.1	319.4	305.6	316.5
77.5	152.0	165.0	199.1	190.3	185.7	210.5	276.8	234.5	222.4	234.2
80.0	107.0	111.3	144.1	132.9	139.9	150.1	192.6	167.1	158.6	168.0
82.5	74.07	73.61	89.30	91.58	94.32	106.7	135.5	123.2	110.4	117.7
85.0	48.40	46.75	56.72	58.63	61.99	72.65	95.55	79.40	77.45	82.77
87.5	28.12	25.79	31.35	30.34	33.18	40.49	63.37	53.11	52.86	53.12
90.0	26.61	25.17	29.74	25.56	27.27	27.72	37.45	32.67	33.42	31.25
92.5	26.28	26.04	29.67	25.52	27.24	27.95	36.29	31.11	31.89	31.19
95.0	26.10	26.80	29.67	25.67	27.33	28.22	36.49	31.19	32.04	31.35
97.5	26.09	27.42	29.69	26.03	27.51	28.53	36.55	31.31	31.88	31.55
100.0	26.43	27.92	29.76	26.54	27.76	28.86	36.53	31.44	31.77	31.64
102.5	26.72	28.29	29.82	27.19	28.09	29.23	36.44	31.53	31.62	31.69
105.0	26.98	28.56	29.91	27.91	28.49	29.58	36.31	31.86	31.47	31.76
107.5	27.30	28.81	29.94	28.69	28.93	29.94	36.14	32.23	31.44	31.89
110.0	27.65	29.03	30.00	29.55	29.37	30.23	35.62	32.54	31.51	31.92
112.5	28.08	29.23	30.06	30.53	29.82	30.43	34.36	32.42	31.71	32.12
115.0	28.48	29.45	30.08	31.42	30.23	30.44	33.78	32.20	31.86	32.30
117.5	28.89	29.67	30.11	32.20	30.62	30.00	32.89	31.97	32.05	32.25
120.0	29.27	29.89	30.25	32.53	30.99	29.57	31.99	31.77	32.17	31.90
122.5	29.61	30.20	30.55	32.90	31.40	29.40	31.66	31.82	32.25	32.22
125.0	29.92	30.60	30.98	33.32	31.79	29.43	31.67	32.07	32.37	32.74
127.5	30.15	31.03	31.47	33.63	32.13	29.77	31.86	32.43	32.48	33.30
130.0	30.40	31.49	31.99	33.48	32.41	30.29	32.30	32.90	32.74	33.61
132.5	30.69	31.97	32.60	33.95	32.88	30.75	32.81	33.34	33.11	33.81
135.0	30.99	32.47	33.25	34.34	33.40	30.47	33.48	33.85	33.59	34.92
137.5	31.34	33.00	33.76	34.78	33.93	30.67	34.28	34.53	34.08	35.79
140.0	31.76	33.59	33.08	35.56	34.64	32.11	35.08	35.35	34.87	36.70
142.5	32.26	34.18	33.30	35.55	32.36	32.21	35.78	36.26	35.80	37.59
145.0	32.97	34.65	34.82	33.46	32.85	33.40	35.99	33.96	36.77	38.55
147.5	33.84	34.64	35.21	34.03	33.25	33.81	34.18	32.38	37.73	39.49
150.0	34.45	34.76	35.94	34.74	34.15	33.68	32.51	34.38	38.70	40.47
152.5	34.81	35.40	35.07	36.40	35.11	34.36	33.29	38.86	37.10	41.37
155.0	35.88	35.85	37.13	36.82	36.20	34.93	34.89	37.61	34.95	36.90
157.5	36.29	36.50	37.01	37.01	37.51	35.87	34.72	36.96	36.13	37.53
160.0	37.15	36.98	37.30	38.07	38.49	36.74	35.38	37.55	37.26	38.52
162.5	38.27	37.61	37.64	39.09	39.28	37.23	36.03	37.05	38.11	40.54
165.0	38.41	38.53	38.43	40.04	40.29	37.94	36.67	37.68	39.08	43.69
167.5	38.98	39.49	39.33	40.94	41.04	38.88	37.58	38.54	40.12	44.61
170.0	39.77	40.11	40.16	41.92	41.61	39.81	38.49	39.35	40.52	42.51
172.5	40.48	40.74	40.94	42.58	42.29	40.66	39.34	40.09	41.09	43.58
175.0	40.74	41.39	41.62	42.86	42.87	41.37	40.07	40.68	41.56	43.00
177.5	40.98	41.53	41.96	43.21	43.25	41.99	40.69	41.12	41.89	43.23
180.0	41.03	41.59	42.01	43.34	43.43	43.04	41.01	41.59	41.98	43.38

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	2059	2059
2.5	2045	2055
5.0	1980	1953
7.5	2099	2041
10.0	2096	2065
12.5	2053	2284
15.0	2306	2350
17.5	2409	2443
20.0	2461	2461
22.5	2614	2460
25.0	2755	2472
27.5	2761	2507
30.0	2827	2493
32.5	2852	2487
35.0	2829	2446
37.5	2802	2375
40.0	2704	2278
42.5	2619	2144
45.0	2490	2032
47.5	2336	1906
50.0	2172	1782
52.5	1994	1650
55.0	1800	1482
57.5	1569	1278
60.0	1324	1081
62.5	1101	905.5
65.0	903.2	746.2
67.5	727.8	605.6
70.0	575.4	481.3
72.5	449.1	373.5
75.0	342.2	282.5
77.5	252.9	206.9
80.0	181.8	147.3
82.5	129.7	104.1
85.0	90.96	71.16
87.5	55.80	40.57
90.0	33.04	27.03
92.5	32.92	26.55
95.0	32.98	26.54
97.5	33.15	27.02
100.0	33.37	27.54
102.5	33.50	28.32
105.0	33.60	28.92
107.5	33.77	29.63
110.0	33.86	30.60
112.5	34.00	31.56
115.0	34.13	32.55
117.5	34.23	33.34
120.0	34.41	33.92
122.5	34.75	34.42
125.0	35.19	34.79
127.5	35.80	35.30
130.0	36.53	35.60
132.5	37.21	35.99
135.0	37.93	36.43
137.5	38.66	36.90
140.0	39.27	37.52
142.5	39.82	38.19
145.0	40.38	38.97
147.5	40.84	39.90
150.0	41.29	40.96
152.5	42.09	41.92
155.0	42.45	42.74
157.5	43.39	43.89
160.0	44.21	42.56
162.5	44.19	43.60
165.0	44.48	43.56
167.5	44.88	43.46
170.0	43.97	43.22
172.5	43.34	42.41
175.0	43.68	42.57
177.5	43.53	42.87
180.0	43.46	42.94

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: