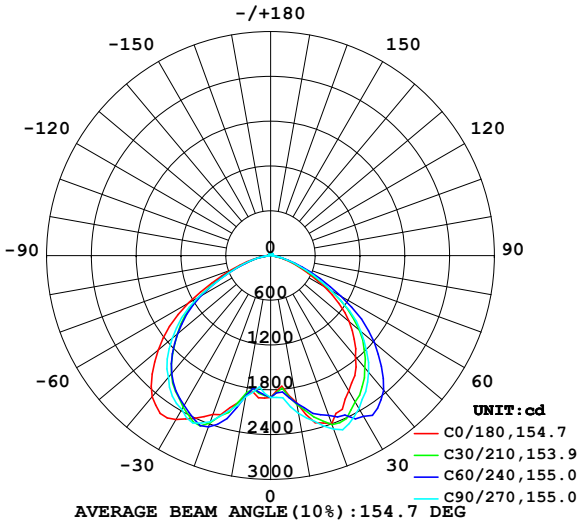
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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:

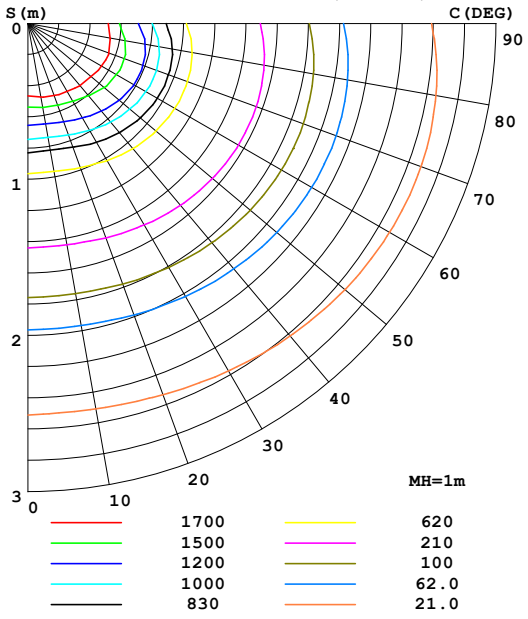
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 144.45 lm/W	
MODEL	PT01-60 50 40 30 20W-TCP	Imax(cd)	2661	S/MH(C0/180)	1.75
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.66
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	7350.2	η UP,DN(C0-180)	1.2,47.0
NOMINAL FLUX(lm)	7350.19	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.4
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%):154.7 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	1996	2015	2145	2166	1905	1885	1917	1952	0- 10	182.7	182.7	2.49,2.49
20	2399	2346	2475	2562	2266	2414	2369	2282	10- 20	633.3	815.9	11.1,11.1
30	2098	2377	2366	2440	2539	2333	2382	2469	20- 30	1118	1934	26.3,26.3
40	1768	2161	2043	2121	2470	2065	2132	2282	30- 40	1432	3367	45.8,45.8
50	1373	1682	1583	1655	1969	1628	1722	1801	40- 50	1485	4851	66,66
60	831.6	1010	943.8	979.4	1268	1091	1114	1101	50- 60	1233	6084	82.8,82.8
70	345.0	418.3	402.3	424.5	558.1	478.0	475.4	483.2	60- 70	715.2	6799	92.5,92.5
80	100.9	115.1	118.6	128.1	176.5	143.8	148.9	154.7	70- 80	287.4	7087	96.4,96.4
90	25.01	24.84	22.82	25.26	35.77	28.81	27.81	27.12	80- 90	75.34	7162	97.4,97.4
100	24.89	26.23	23.89	25.97	35.42	28.40	28.57	27.61	90-100	29.48	7192	97.8,97.8
110	25.93	26.88	26.83	27.38	34.35	28.93	28.86	29.39	100-110	29.55	7221	98.2,98.2
120	27.47	27.32	29.47	28.03	30.50	28.89	28.77	31.21	110-120	28.52	7250	98.6,98.6
130	28.54	28.80	30.21	29.13	30.40	29.67	30.25	33.13	120-130	26.38	7276	99,99
140	29.80	30.23	32.07	30.97	32.75	31.61	32.69	35.41	130-140	23.93	7300	99.3,99.3
150	32.31	32.19	31.40	31.20	30.65	32.78	36.41	37.93	140-150	20.45	7320	99.6,99.6
160	34.88	33.57	34.26	34.60	33.20	33.87	34.79	40.08	150-160	15.82	7336	99.8,99.8
170	37.28	36.34	37.79	37.48	36.08	36.19	38.43	40.72	160-170	10.28	7347	100,100
180	38.45	37.87	39.07	39.70	38.41	37.86	39.10	39.69	170-180	3.633	7350	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4121.5 lm

%lum = 56.1%
%lamp = 56.1%

Conical surface Flux(130deg): 6508.3 lm

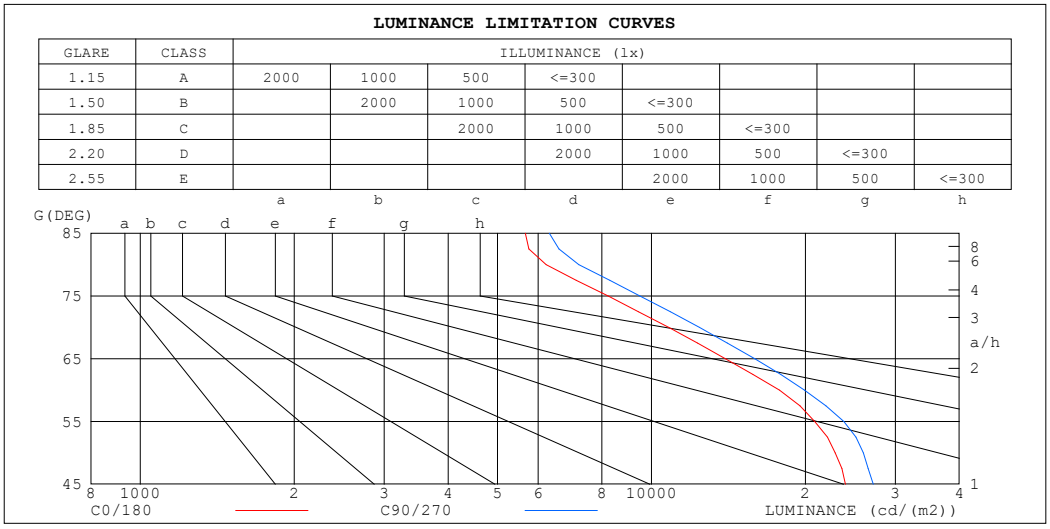
%lum = 88.5%
%lamp = 88.5%

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:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz **UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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 cd/(m2)		
G(DEG)	C0/180	C90/270
85	5665	6312
80	6220	7208
75	8225	9489
70	10802	12409
65	13946	15940
60	17812	19913
55	20859	23788
50	22873	25972
45	23966	27150

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:

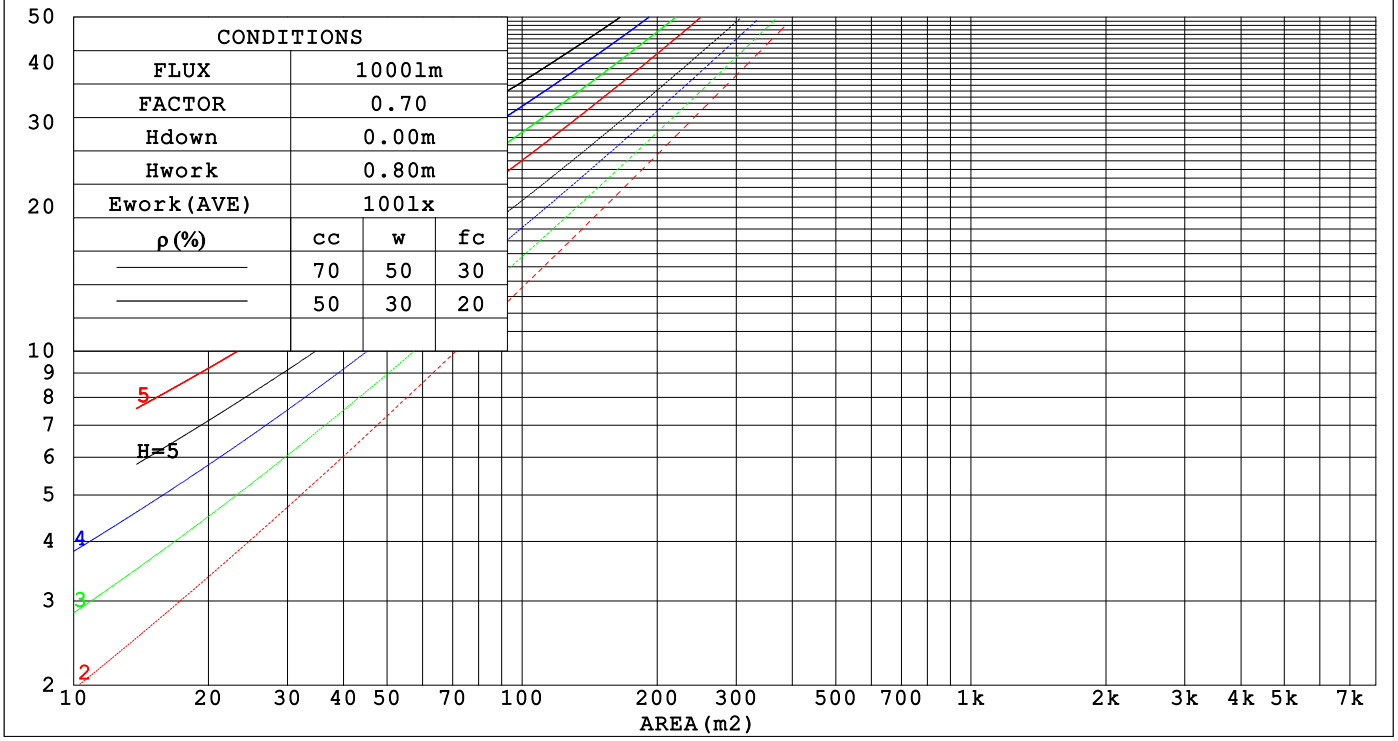
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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	.54	.48	.60	.53	.48	.58	.52	.47	.56	.51	.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	.37	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



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

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

WEC AND CCEC

Test:U:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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	.253	.140	.044	.241	.135	.042	.230	.130	.041	
3.0	.256	.136	.041	.250	.134	.040	.239	.129	.039	.228	.125	.038	.218	.121	.037	
4.0	.239	.124	.037	.234	.122	.036	.224	.119	.035	.214	.115	.035	.205	.112	.034	
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.201	.106	.032	.193	.103	.031	
6.0	.208	.105	.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	.180	.088	.025	.173	.086	.025	.167	.084	.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	.159	.077	.021	.154	.075	.021	.149	.074	.021	.144	.072	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.198	.176	.156	.170	.151	.134	.116	.104	.093	.067	.060	.054	.021	.019	.017	
2.0	.189	.152	.120	.162	.131	.104	.111	.090	.072	.064	.053	.042	.021	.017	.014	
3.0	.182	.134	.096	.156	.116	.083	.107	.080	.058	.062	.047	.034	.020	.015	.011	
4.0	.174	.121	.080	.150	.104	.069	.103	.073	.049	.060	.043	.029	.019	.014	.009	
5.0	.167	.110	.068	.144	.095	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
6.0	.161	.102	.060	.138	.088	.052	.095	.062	.037	.055	.036	.022	.018	.012	.007	
7.0	.154	.095	.054	.133	.083	.047	.092	.058	.033	.053	.034	.020	.017	.011	.007	
8.0	.148	.089	.049	.127	.078	.043	.088	.054	.030	.051	.032	.018	.017	.011	.006	
9.0	.142	.085	.046	.123	.073	.040	.085	.052	.028	.049	.030	.017	.016	.010	.006	
10.0	.137	.080	.043	.118	.070	.037	.082	.049	.027	.048	.029	.016	.015	.010	.005	

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

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

UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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	23.2	24.6	23.5	24.9	25.1	24.1	25.5	24.4	25.8	26.0
3H	23.7	25.0	24.0	25.3	25.6	24.6	26.0	25.0	26.3	26.5
4H	23.8	25.1	24.2	25.4	25.7	24.8	26.0	25.1	26.3	26.6
6H	23.9	25.0	24.2	25.3	25.7	24.8	26.0	25.2	26.3	26.6
8H	23.8	25.0	24.2	25.3	25.6	24.8	25.9	25.2	26.3	26.6
12H	23.8	24.9	24.2	25.3	25.6	24.8	25.9	25.2	26.2	26.6
4H 2H	23.6	24.9	24.0	25.2	25.5	24.3	25.6	24.7	25.9	26.2
3H	24.3	25.4	24.7	25.7	26.1	25.1	26.2	25.5	26.5	26.9
4H	24.5	25.5	24.9	25.8	26.2	25.3	26.3	25.7	26.6	27.0
6H	24.5	25.4	25.0	25.8	26.2	25.4	26.3	25.8	26.7	27.1
8H	24.6	25.4	25.0	25.8	26.2	25.4	26.2	25.9	26.6	27.1
12H	24.6	25.3	25.0	25.7	26.2	25.4	26.2	25.9	26.6	27.0
8H 4H	24.5	25.3	25.0	25.7	26.2	25.3	26.1	25.8	26.5	27.0
6H	24.7	25.3	25.1	25.8	26.2	25.5	26.1	26.0	26.6	27.1
8H	24.7	25.3	25.2	25.8	26.3	25.5	26.1	26.0	26.6	27.1
12H	24.7	25.2	25.2	25.7	26.2	25.6	26.1	26.1	26.6	27.1
12H 4H	24.5	25.2	25.0	25.7	26.1	25.3	26.0	25.7	26.4	26.9
6H	24.6	25.2	25.1	25.7	26.2	25.5	26.0	26.0	26.5	27.0
8H	24.7	25.2	25.2	25.7	26.2	25.5	26.0	26.0	26.5	27.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.5				
1.5H	+ 0.4 / - 0.9					+ 0.6 / - 1.0				
2.0H	+ 0.6 / - 1.1					+ 0.7 / - 1.2				

CIE Pub.117, 7350 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.9)
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:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

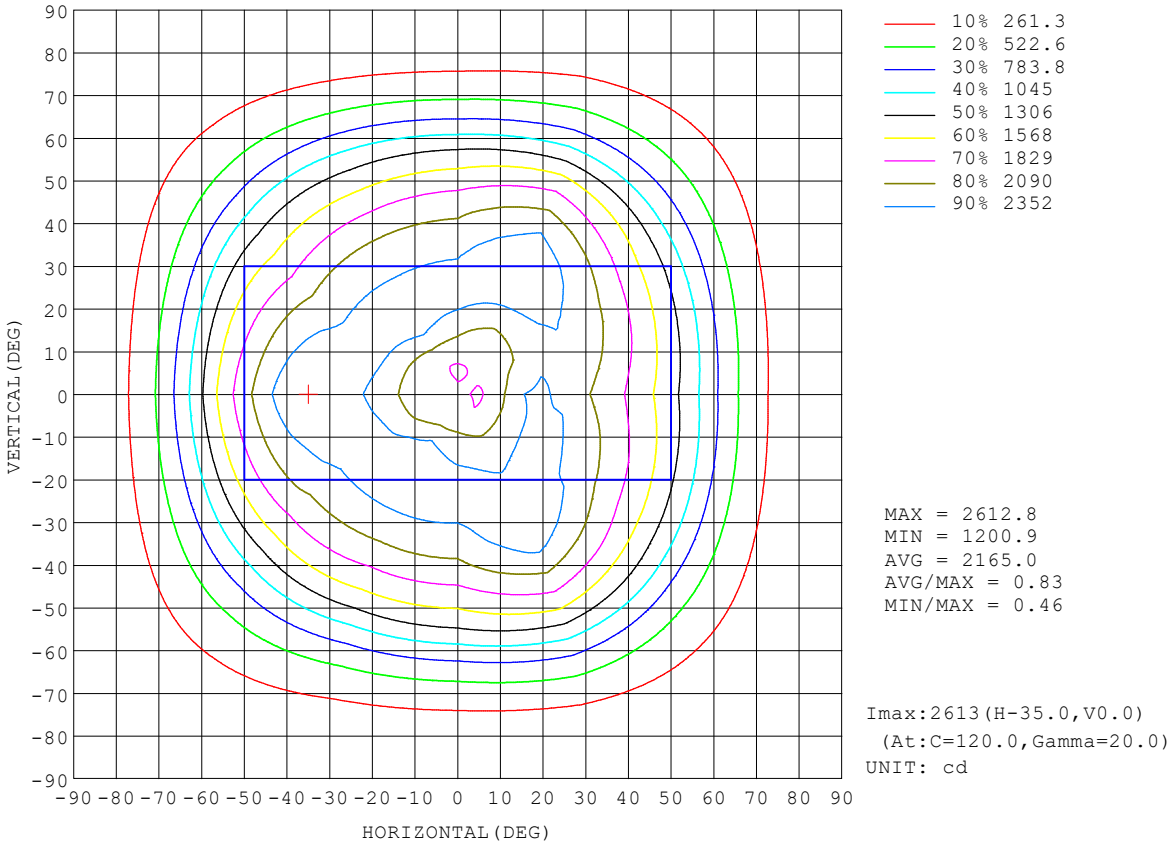
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	50	67	56	49	65	55	49	42
1.00	77	66	59	76	66	59	73	67	58	51
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	88	79	73	84	77	71	64
2.00	96	88	82	94	87	81	90	84	79	71
2.50	100	92	87	98	91	86	93	88	84	75
3.00	103	96	91	101	95	90	96	92	88	79
4.00	107	101	97	104	99	95	99	96	92	83
5.00	109	104	100	106	102	99	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

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

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

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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:



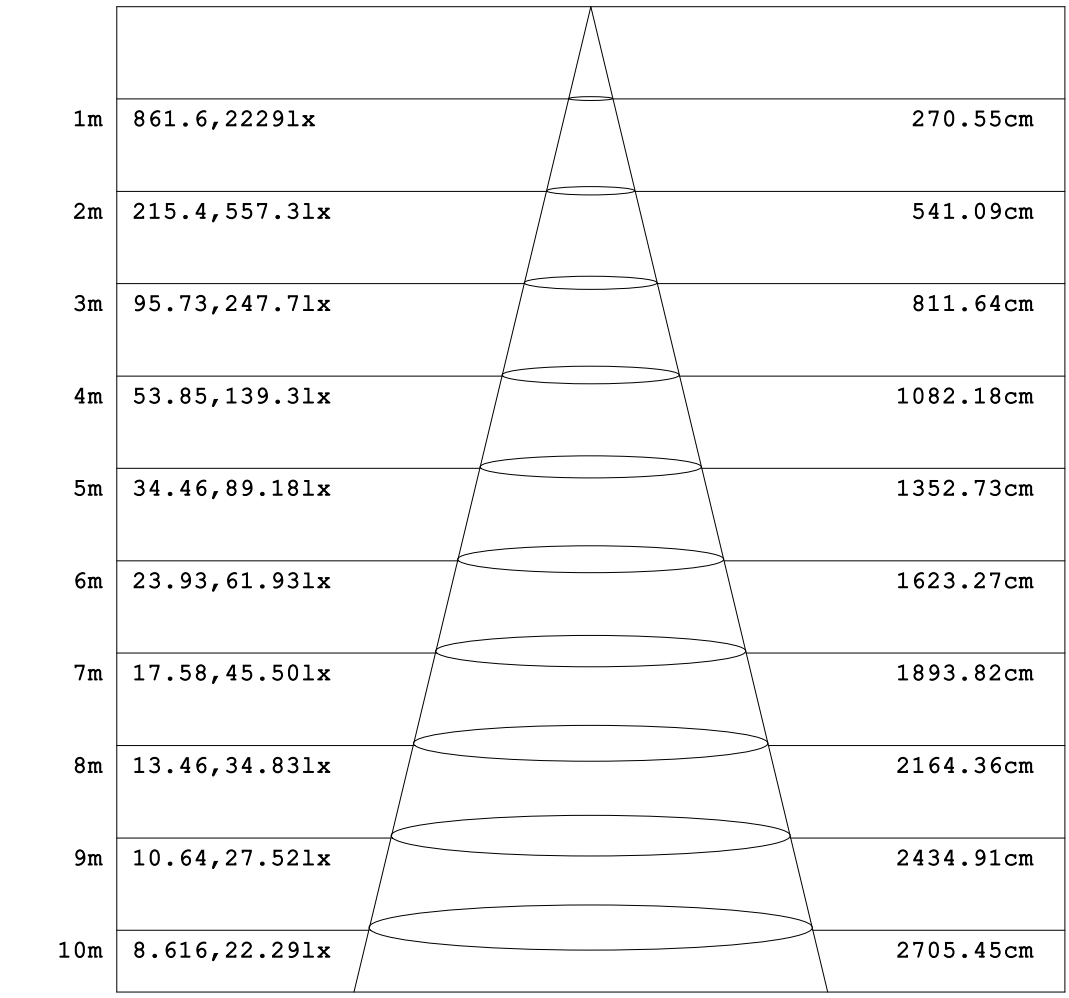
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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:5521 lm



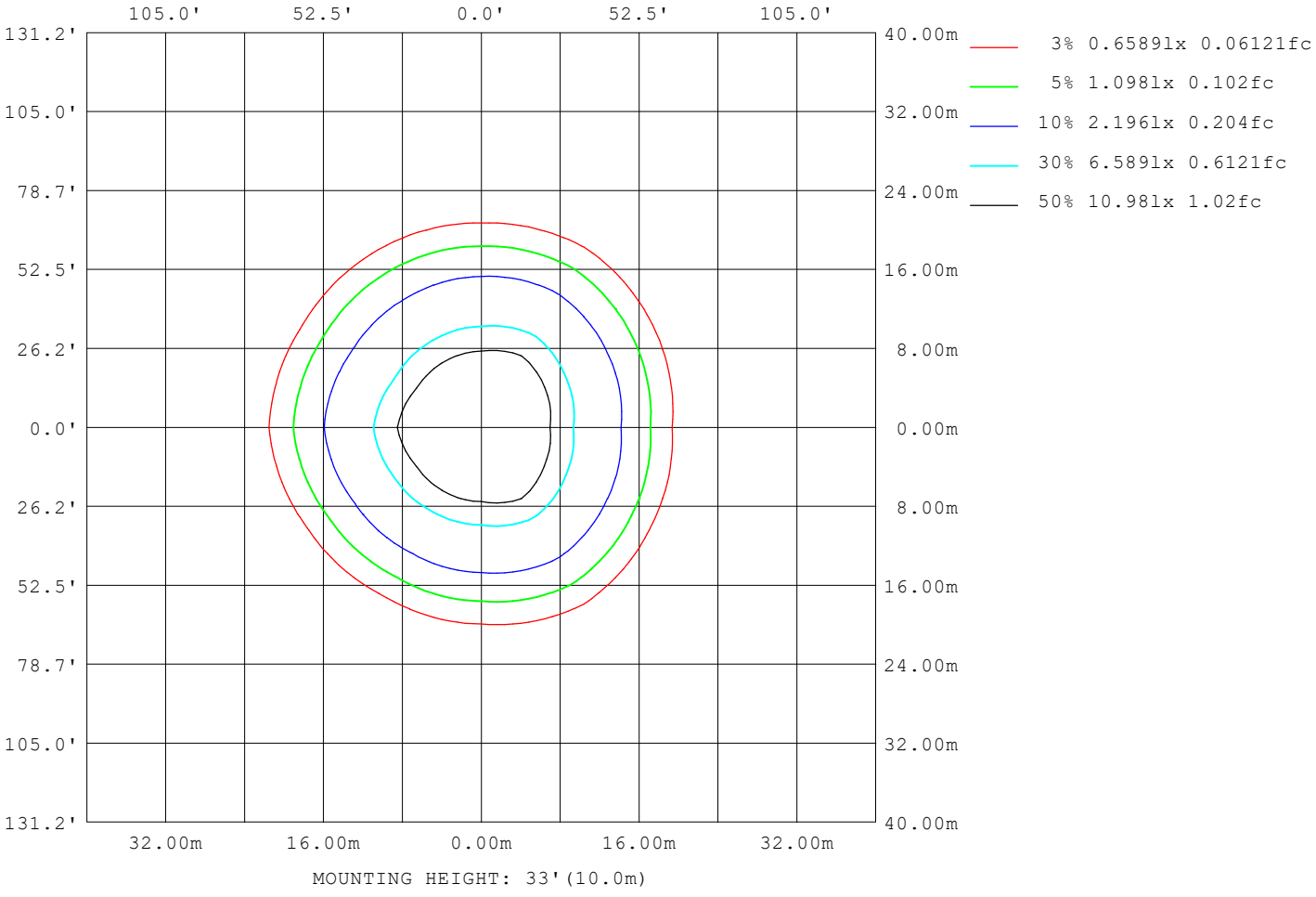
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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:

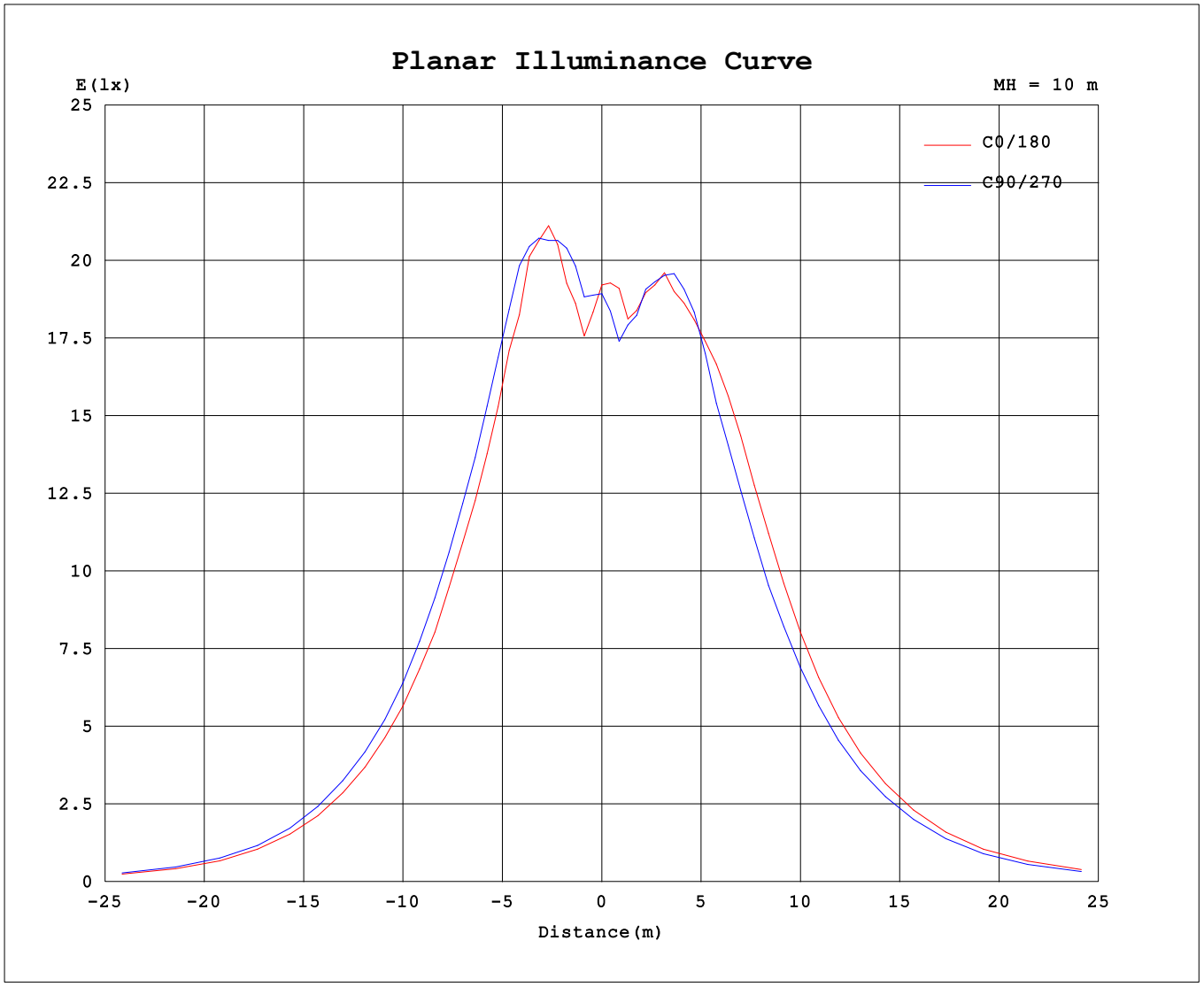
AvgL	cd/m2
L_0~180(65)av	17847
L_0~180(75)av	10824
L_0~180(85)av	8192
L_90~270(65)av	17411
L_90~270(75)av	10506
L_90~270(85)av	7625
L_45(65)av	17957
L_45(75)av	10784
L_45(85)av	7605

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:120.00V I:0.4264A P:50.884W PF:0.9944 Freq:60.01Hz UTHDi:0.31% ITHDi:5.29% KDisp:0.0000 Lamp Flux:7350.19x1 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	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
5	1758	1782	1834	1912	2009	1926	1911	1852	1836	1768	1902	1865
10	1996	2022	2008	2145	2263	2071	1905	1864	1905	1917	1968	1936
15	2318	2238	2190	2300	2555	2306	2109	2178	2258	2152	2043	2115
20	2399	2412	2280	2475	2661	2464	2266	2387	2440	2369	2300	2265
25	2273	2410	2357	2485	2580	2529	2404	2454	2421	2474	2509	2347
30	2098	2264	2489	2366	2451	2428	2539	2347	2320	2382	2592	2349
35	1965	2142	2498	2225	2290	2311	2584	2221	2212	2301	2617	2241
40	1768	1965	2356	2043	2093	2148	2470	2068	2061	2132	2487	2081
45	1582	1773	2097	1820	1863	1956	2247	1859	1863	1958	2284	1862
50	1373	1550	1813	1583	1607	1703	1969	1632	1624	1722	1990	1616
55	1117	1262	1487	1293	1289	1392	1657	1398	1371	1457	1648	1344
60	832	929	1090	944	929	1028	1268	1104	1078	1114	1213	991
65	550	619	735	639	631	709	874	763	750	751	827	686
70	345	381	456	402	397	451	558	485	471	475	526	441
75	199	210	253	233	233	269	330	282	279	281	322	259
80	101	100	130	119	121	135	177	147	140	149	167	142
85	46.1	42.4	51.2	52.1	56.2	65.3	88.7	70.1	68.4	73.3	83.9	65.3
90	25.0	22.7	27.0	22.8	25.0	25.5	35.8	28.7	29.0	27.8	30.1	24.2
95	24.5	24.2	27.0	23.0	25.1	25.9	35.5	27.8	28.2	28.2	30.1	23.6
100	24.9	25.3	27.1	23.9	25.5	26.5	35.4	28.4	28.4	28.6	30.4	24.9
105	25.3	26.0	27.3	25.2	26.1	27.1	35.0	28.9	28.3	28.7	30.7	26.3
110	25.9	26.4	27.4	26.8	27.0	27.8	34.4	29.4	28.4	28.9	30.9	27.9
115	26.7	26.8	27.4	28.6	27.8	28.1	32.4	29.1	28.7	29.2	31.1	29.7
120	27.5	27.2	27.5	29.5	28.6	27.5	30.5	28.8	29.0	28.8	31.2	31.2
125	28.1	27.8	28.1	30.1	29.4	27.4	30.0	29.0	29.3	29.5	32.0	32.2
130	28.5	28.6	29.0	30.2	30.0	28.2	30.4	29.7	29.6	30.3	33.3	32.9
135	29.1	29.5	30.2	30.9	30.9	28.0	31.4	30.6	30.3	31.2	34.7	33.7
140	29.8	30.5	29.9	32.1	32.0	30.0	32.8	31.9	31.3	32.7	36.1	34.7
145	30.9	31.5	31.7	30.1	30.2	31.2	33.8	31.2	33.0	34.5	37.4	36.1
150	32.3	31.6	32.7	31.4	31.4	31.0	30.6	30.9	34.7	36.4	38.2	37.6
155	33.5	32.5	33.7	33.2	33.4	32.2	33.4	35.2	31.6	33.6	39.2	39.1
160	34.9	33.6	33.6	34.3	35.3	33.9	33.2	34.1	33.6	34.8	40.8	39.4
165	35.9	35.0	34.7	36.1	37.1	35.0	34.4	34.3	35.3	38.8	40.8	40.4
170	37.3	36.5	36.2	37.8	38.3	36.7	36.1	35.8	36.6	38.4	40.9	40.5
175	38.3	37.6	37.6	38.7	39.4	38.1	37.6	37.0	37.5	38.8	40.2	39.1
180	38.5	37.8	37.9	39.1	39.9	39.5	38.4	37.8	37.9	39.1	40.0	39.4

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	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
2.5	1819	1838	1843	1902	1978	1924	1912	1877	1870	1850
5.0	1758	1782	1834	1912	2009	1926	1911	1852	1836	1768
7.5	1890	1912	1919	2043	2111	1992	1839	1800	1792	1847
10.0	1996	2022	2008	2145	2263	2071	1905	1864	1905	1917
12.5	2181	2117	2089	2227	2436	2154	2016	2014	2082	2058
15.0	2318	2238	2190	2300	2555	2306	2109	2178	2258	2152
17.5	2354	2320	2237	2398	2616	2377	2236	2251	2372	2260
20.0	2399	2412	2280	2475	2661	2464	2266	2387	2440	2369
22.5	2290	2422	2341	2525	2632	2550	2337	2469	2467	2429
25.0	2273	2410	2357	2485	2580	2529	2404	2454	2421	2474
27.5	2168	2333	2465	2430	2520	2461	2465	2399	2371	2446
30.0	2098	2264	2489	2366	2451	2428	2539	2347	2320	2382
32.5	2023	2220	2538	2285	2375	2376	2579	2276	2270	2351
35.0	1965	2142	2498	2225	2290	2311	2584	2221	2212	2301
37.5	1880	2068	2435	2134	2197	2221	2528	2159	2143	2225
40.0	1768	1965	2356	2043	2093	2148	2470	2068	2061	2132
42.5	1692	1878	2233	1942	1983	2070	2372	1969	1967	2061
45.0	1582	1773	2097	1820	1863	1956	2247	1859	1863	1958
47.5	1488	1678	1957	1699	1740	1837	2110	1743	1746	1848
50.0	1373	1550	1813	1583	1607	1703	1969	1632	1624	1722
52.5	1256	1406	1658	1450	1460	1559	1816	1519	1500	1592
55.0	1117	1262	1487	1293	1289	1392	1657	1398	1371	1457
57.5	978.9	1106	1289	1118	1103	1205	1473	1260	1233	1300
60.0	831.6	929.5	1090	943.8	929.5	1028	1268	1104	1078	1114
62.5	681.0	764.7	901.8	783.5	772.5	861.1	1061	928.0	912.2	921.3
65.0	550.3	619.5	735.1	638.6	630.5	709.5	873.7	763.4	749.6	750.7
67.5	439.8	489.9	584.7	510.7	503.4	571.5	707.0	615.6	601.6	603.0
70.0	345.0	380.8	455.7	402.3	397.1	451.4	558.1	485.3	470.7	475.4
72.5	264.5	295.3	343.8	310.2	308.0	348.1	433.6	375.2	361.0	369.6
75.0	198.8	209.9	252.6	232.8	232.5	268.6	330.2	282.3	278.8	280.6
77.5	144.0	148.1	179.4	170.1	169.9	189.2	245.1	207.2	196.8	207.9
80.0	100.9	100.4	129.7	118.6	121.1	135.0	176.5	147.4	140.3	148.9
82.5	70.19	66.51	80.18	81.60	85.97	96.17	125.0	101.4	97.51	104.3
85.0	46.10	42.40	51.16	52.14	56.22	65.28	88.70	70.08	68.38	73.33
87.5	27.06	23.69	28.54	26.96	29.87	36.28	59.35	46.68	46.21	47.13
90.0	25.01	22.71	26.95	22.82	25.03	25.48	35.77	28.66	28.96	27.81
92.5	24.63	23.52	26.93	22.82	25.00	25.67	35.30	27.66	27.94	27.94
95.0	24.50	24.24	26.96	23.01	25.06	25.90	35.48	27.85	28.16	28.25
97.5	24.55	24.81	27.04	23.38	25.24	26.17	35.51	28.13	28.33	28.45
100.0	24.89	25.31	27.14	23.89	25.47	26.46	35.42	28.37	28.42	28.57
102.5	25.10	25.69	27.22	24.51	25.77	26.79	35.25	28.65	28.41	28.66
105.0	25.33	25.95	27.30	25.18	26.12	27.13	35.04	28.88	28.34	28.73
107.5	25.58	26.17	27.32	25.97	26.54	27.48	34.87	29.21	28.33	28.78
110.0	25.93	26.39	27.36	26.83	26.97	27.78	34.35	29.44	28.42	28.86
112.5	26.33	26.60	27.40	27.76	27.41	28.00	33.09	29.26	28.58	29.04
115.0	26.72	26.79	27.40	28.57	27.81	28.10	32.41	29.07	28.73	29.15
117.5	27.11	26.98	27.40	29.22	28.20	27.90	31.43	28.89	28.89	29.08
120.0	27.47	27.18	27.47	29.47	28.58	27.48	30.50	28.77	29.02	28.77
122.5	27.79	27.44	27.71	29.75	29.01	27.36	30.02	28.75	29.12	29.02
125.0	28.08	27.81	28.09	30.07	29.41	27.44	29.96	28.98	29.27	29.47
127.5	28.30	28.18	28.52	30.29	29.76	27.73	30.09	29.33	29.37	29.92
130.0	28.54	28.61	28.99	30.21	30.05	28.23	30.40	29.73	29.60	30.25
132.5	28.80	29.05	29.57	30.58	30.42	28.43	30.84	30.13	29.90	30.34
135.0	29.08	29.51	30.18	30.94	30.89	28.01	31.41	30.58	30.28	31.19
137.5	29.41	29.99	30.68	31.36	31.37	28.42	32.02	31.16	30.71	31.91
140.0	29.80	30.55	29.91	32.07	31.98	29.97	32.75	31.86	31.35	32.69
142.5	30.26	31.11	30.12	31.94	29.75	29.80	33.44	32.76	32.12	33.58
145.0	30.92	31.55	31.67	30.12	30.20	31.16	33.79	31.23	32.98	34.51
147.5	31.73	31.55	32.13	30.67	30.56	31.06	32.82	29.53	33.85	35.46
150.0	32.31	31.65	32.73	31.40	31.38	31.03	30.65	30.86	34.69	36.41
152.5	32.62	32.14	31.91	33.00	32.29	31.69	31.19	35.08	34.09	37.35
155.0	33.55	32.48	33.72	33.20	33.38	32.17	33.43	35.16	31.61	33.56
157.5	34.06	33.12	33.16	33.31	34.51	33.07	32.83	33.38	32.65	33.93
160.0	34.88	33.60	33.55	34.26	35.35	33.87	33.20	34.12	33.63	34.79
162.5	35.74	34.22	33.91	35.18	36.11	34.32	33.81	33.79	34.49	36.37
165.0	35.91	34.98	34.66	36.07	37.11	34.97	34.39	34.26	35.29	38.85
167.5	36.50	35.88	35.49	36.88	37.89	35.84	35.24	35.05	36.20	40.39
170.0	37.28	36.46	36.22	37.79	38.28	36.71	36.08	35.77	36.61	38.43
172.5	38.04	37.11	36.95	38.41	38.90	37.47	36.87	36.45	37.10	39.19
175.0	38.28	37.61	37.60	38.69	39.42	38.10	37.56	36.96	37.51	38.83
177.5	38.42	37.81	37.89	38.97	39.75	38.69	38.14	37.35	37.79	38.98
180.0	38.45	37.83	37.90	39.07	39.94	39.46	38.41	37.84	37.88	39.10

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	1900	1900
2.5	1909	1883
5.0	1902	1865
7.5	1903	1879
10.0	1968	1936
12.5	1997	2059
15.0	2043	2115
17.5	2154	2181
20.0	2300	2265
22.5	2391	2320
25.0	2509	2347
27.5	2524	2381
30.0	2592	2349
32.5	2628	2296
35.0	2617	2241
37.5	2569	2174
40.0	2487	2081
42.5	2409	1977
45.0	2284	1862
47.5	2140	1738
50.0	1990	1616
52.5	1828	1493
55.0	1648	1344
57.5	1436	1167
60.0	1213	991.4
62.5	1008	832.9
65.0	826.7	685.8
67.5	666.6	555.8
70.0	526.3	440.8
72.5	411.2	342.3
75.0	321.7	258.9
77.5	232.3	189.5
80.0	167.3	142.4
82.5	119.3	95.40
85.0	83.95	65.30
87.5	51.65	37.40
90.0	30.12	24.18
92.5	30.04	23.65
95.0	30.10	23.63
97.5	30.33	24.13
100.0	30.42	24.86
102.5	30.58	25.60
105.0	30.71	26.35
107.5	30.82	27.10
110.0	30.92	27.88
112.5	31.01	28.73
115.0	31.06	29.67
117.5	31.11	30.53
120.0	31.20	31.22
122.5	31.49	31.78
125.0	31.97	32.24
127.5	32.62	32.54
130.0	33.35	32.92
132.5	34.02	33.31
135.0	34.75	33.70
137.5	35.43	34.23
140.0	36.09	34.75
142.5	36.80	35.42
145.0	37.43	36.13
147.5	37.91	36.82
150.0	38.23	37.64
152.5	38.75	38.43
155.0	39.19	39.15
157.5	39.99	40.21
160.0	40.78	39.40
162.5	40.43	40.10
165.0	40.84	40.37
167.5	41.54	40.26
170.0	40.90	40.54
172.5	39.79	39.28
175.0	40.21	39.09
177.5	40.05	39.34
180.0	39.97	39.41

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: