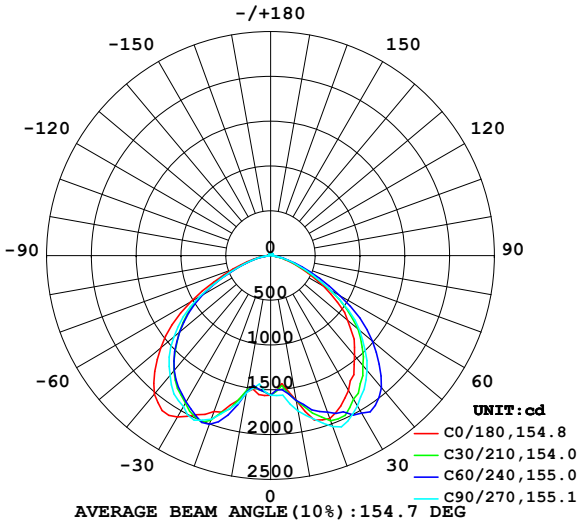
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.00V I:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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:

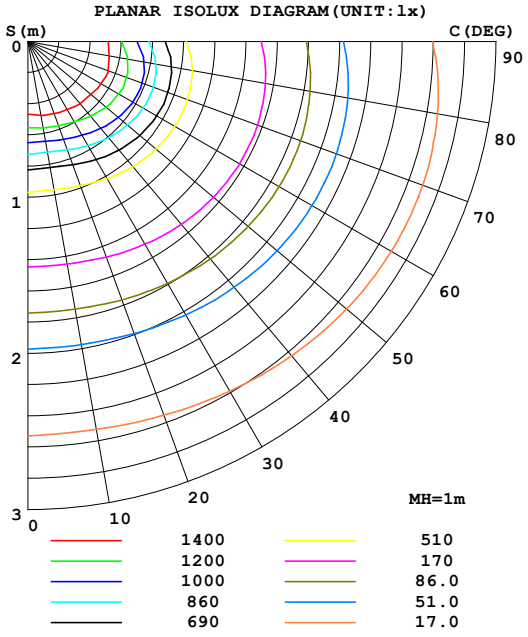
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 146.71 lm/W	
MODEL	PT01-60 50 40 30 20W-TCP	Imax(cd)	2200	S/MH(C0/180)	1.75
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.66
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6036.4	η UP,DN(C0-180)	1.2,47.1
NOMINAL FLUX(lm)	6036.41	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.4
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	1637	1644	1762	1802	1547	1539	1556	1628	0- 10	149.9	149.9	2.48,2.48
20	1936	1911	2031	2129	1853	1979	1942	1889	10- 20	520.7	670.6	11.1,11.1
30	1742	1941	1939	2024	2079	1895	1949	2047	20- 30	918.6	1589	26.3,26.3
40	1460	1766	1676	1758	2020	1679	1747	1899	30- 40	1176	2765	45.8,45.8
50	1122	1379	1299	1371	1602	1327	1412	1502	40- 50	1220	3985	66,66
60	685.9	830.4	774.8	807.4	1026	885.0	912.4	920.0	50- 60	1013	4998	82.8,82.8
70	287.1	344.6	329.9	349.3	448.9	385.1	388.7	403.8	60- 70	586.9	5585	92.5,92.5
80	84.83	91.98	97.24	105.1	141.0	117.5	127.2	126.2	70- 80	235.7	5820	96.4,96.4
90	20.55	20.18	18.82	21.03	29.03	22.31	22.24	21.95	80- 90	61.44	5882	97.4,97.4
100	20.25	21.37	19.86	21.70	29.97	22.57	23.36	22.31	90-100	24.01	5906	97.8,97.8
110	21.19	21.90	22.51	23.10	28.95	23.63	23.83	24.00	100-110	24.31	5930	98.2,98.2
120	22.40	22.21	24.31	23.85	25.12	23.61	23.71	25.68	110-120	23.55	5954	98.6,98.6
130	23.26	23.43	24.77	24.66	24.82	24.27	24.87	27.36	120-130	21.73	5976	99,99
140	24.28	24.58	26.37	26.19	26.64	25.76	26.46	29.60	130-140	19.67	5995	99.3,99.3
150	26.28	26.16	25.87	25.91	25.49	26.71	29.53	31.79	140-150	16.80	6012	99.6,99.6
160	28.35	27.36	28.05	28.75	27.17	27.47	28.56	33.43	150-160	13.02	6025	99.8,99.8
170	30.48	29.63	30.97	31.18	29.55	29.51	31.64	33.55	160-170	8.439	6033	100,100
180	31.48	30.90	32.05	32.99	31.45	30.88	32.07	33.00	170-180	2.983	6036	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3385.4 lm

%lum = 56.1%
%lamp = 56.1%

Conical surface Flux(130deg): 5346 lm

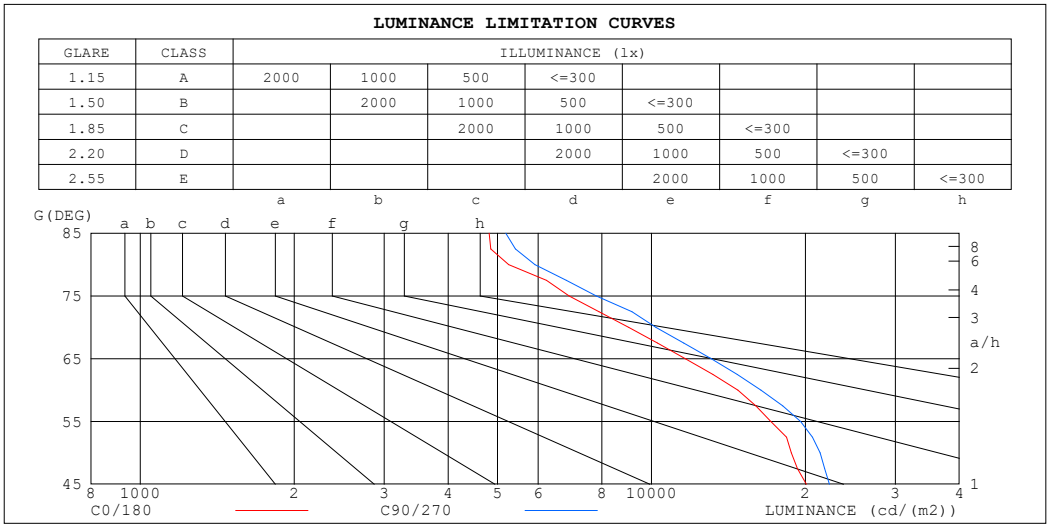
%lum = 88.6%
%lamp = 88.6%

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:120.00V I:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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	4815	5185
80	5252	5919
75	6900	7806
70	9025	10195
65	11651	13099
60	14749	16379
55	17131	19565
50	18769	21369
45	20102	22291

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:

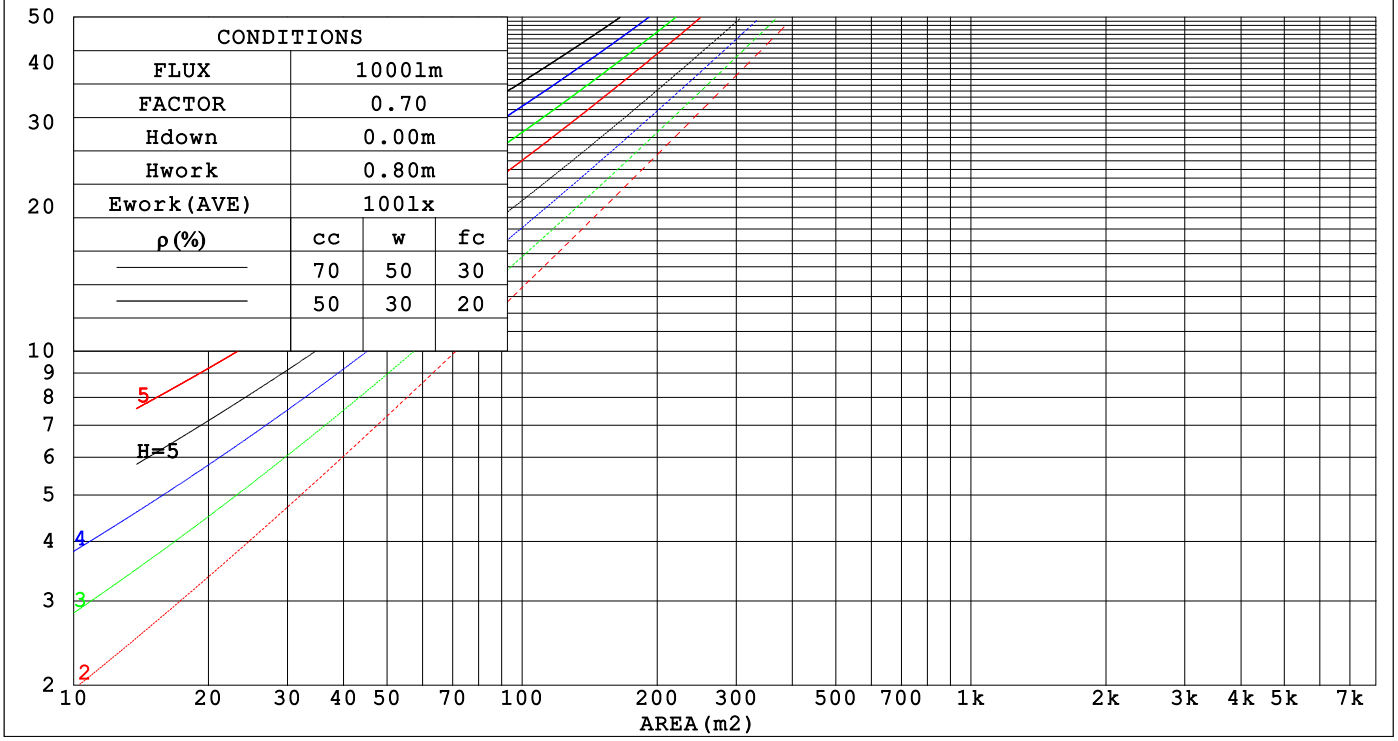
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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	.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:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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	.238	.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	.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	.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:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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	22.5	24.0	22.8	24.2	24.5	23.4	24.8	23.7	25.1	25.3
3H	23.1	24.4	23.4	24.7	25.0	24.0	25.3	24.3	25.6	25.9
4H	23.2	24.5	23.6	24.8	25.1	24.1	25.4	24.5	25.7	26.0
6H	23.2	24.4	23.6	24.7	25.1	24.1	25.3	24.5	25.6	26.0
8H	23.2	24.4	23.6	24.7	25.0	24.1	25.3	24.5	25.6	25.9
12H	23.2	24.3	23.6	24.6	25.0	24.1	25.2	24.5	25.5	25.9
4H 2H	23.0	24.2	23.3	24.5	24.8	23.7	25.0	24.0	25.2	25.6
3H	23.7	24.7	24.0	25.1	25.4	24.4	25.5	24.8	25.9	26.2
4H	23.8	24.8	24.2	25.2	25.6	24.6	25.6	25.1	26.0	26.4
6H	23.9	24.8	24.4	25.2	25.6	24.7	25.6	25.2	26.0	26.4
8H	23.9	24.7	24.4	25.2	25.6	24.8	25.6	25.2	26.0	26.4
12H	23.9	24.7	24.4	25.1	25.6	24.8	25.5	25.2	25.9	26.4
8H 4H	23.9	24.7	24.3	25.1	25.5	24.7	25.5	25.1	25.9	26.3
6H	24.0	24.7	24.5	25.1	25.6	24.8	25.5	25.3	25.9	26.4
8H	24.1	24.7	24.6	25.1	25.6	24.9	25.5	25.4	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	23.9	24.6	24.3	25.0	25.5	24.6	25.4	25.1	25.8	26.2
6H	24.0	24.6	24.5	25.1	25.6	24.8	25.4	25.3	25.8	26.4
8H	24.1	24.6	24.6	25.1	25.6	24.9	25.4	25.4	25.9	26.4

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

CIE Pub.117, 6036 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:120.00V I:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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:

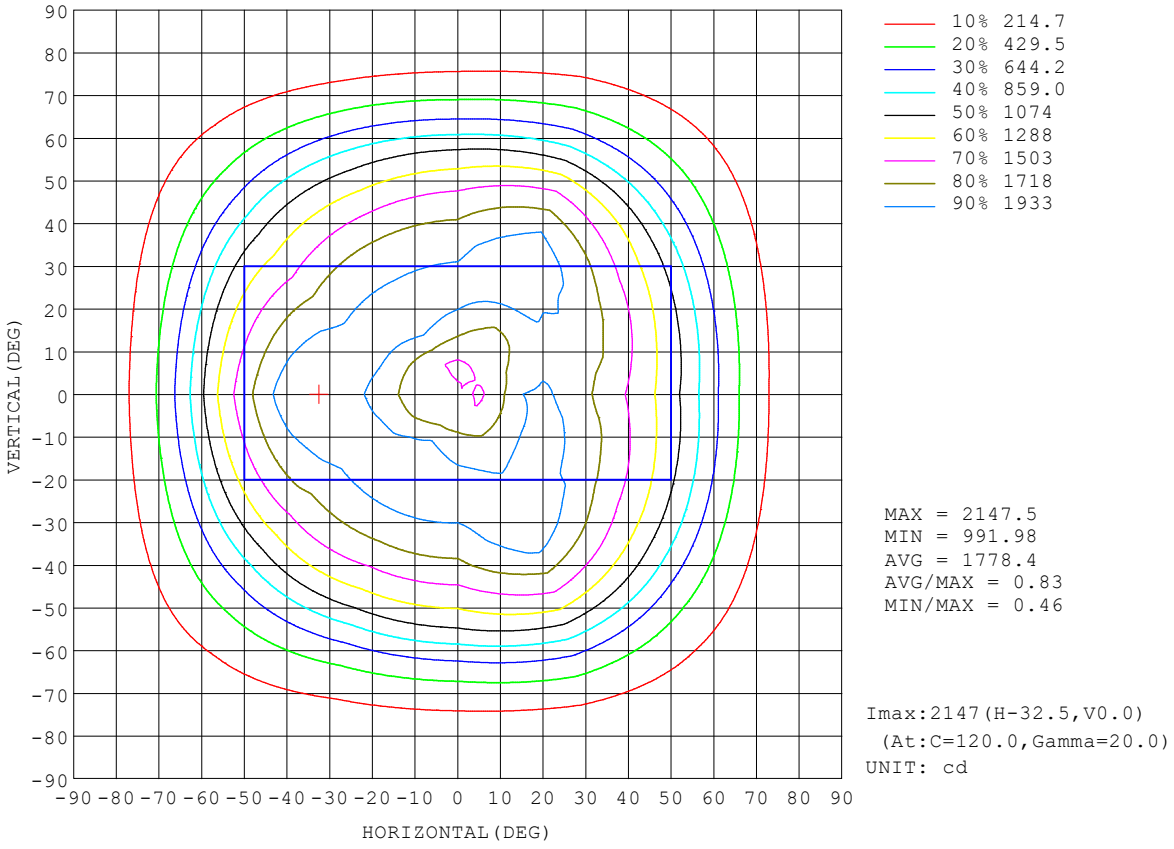
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	50	67	56	49	65	55	49	42
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:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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:



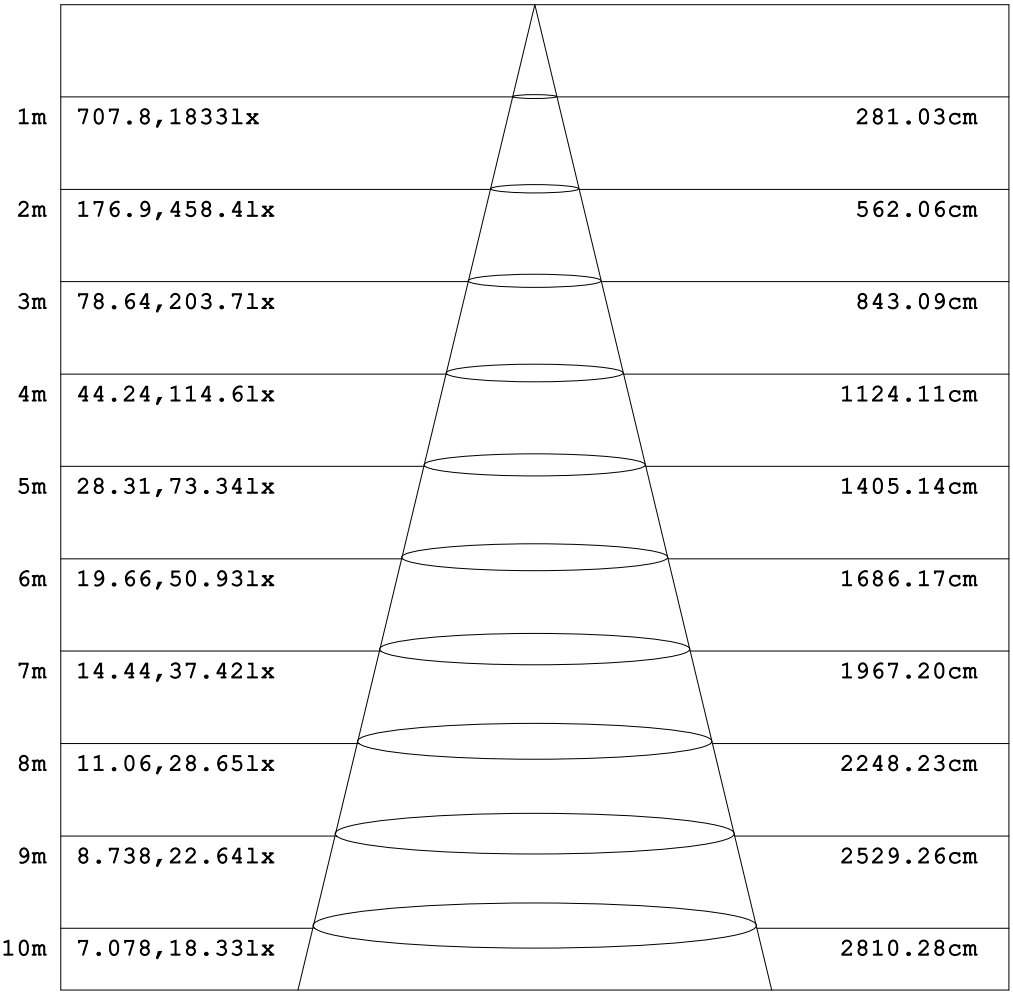
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.00V I:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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:4535 lm



Height Eavg,Emax Angle:109.12deg Diameter

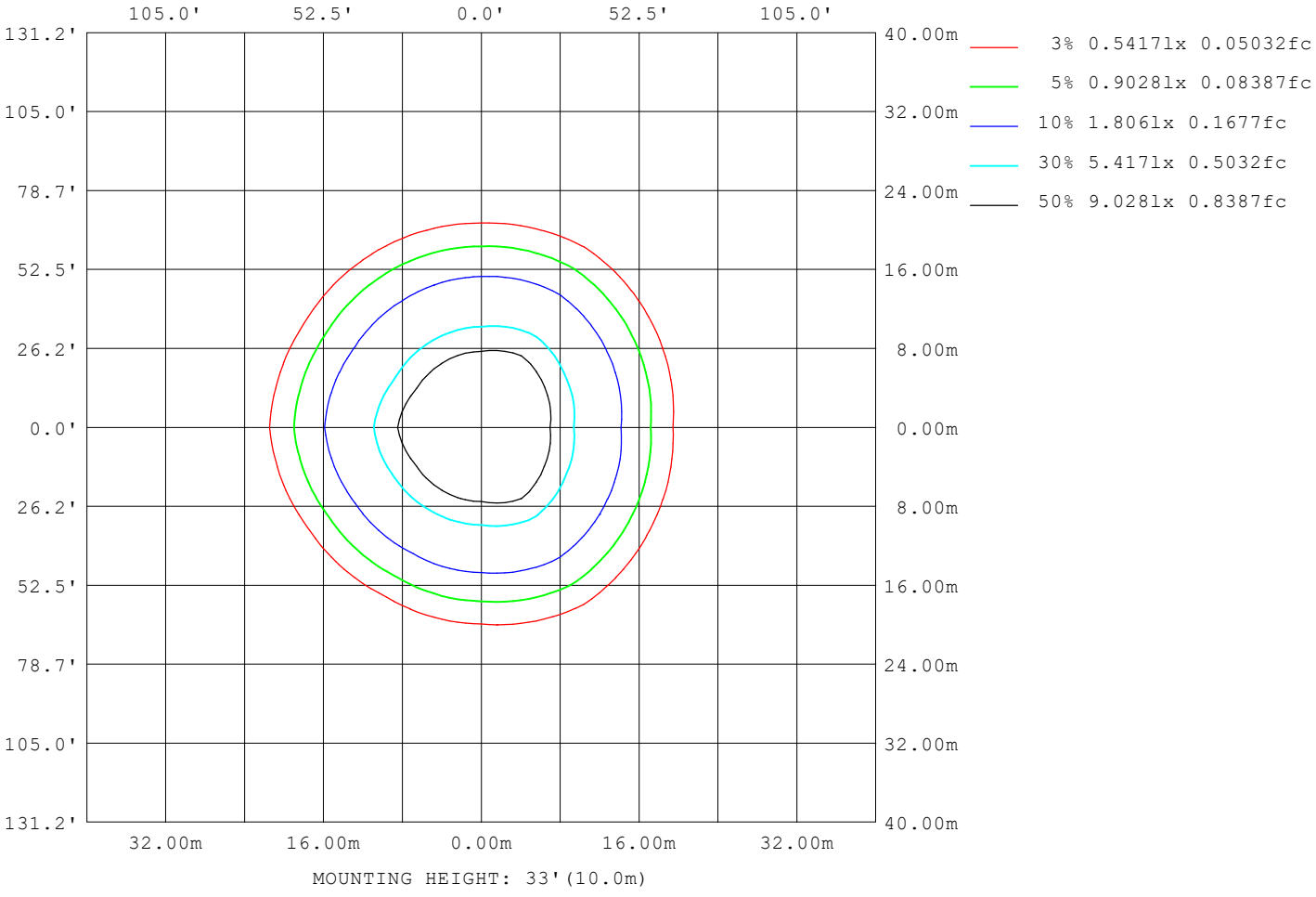
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.00V I:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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:

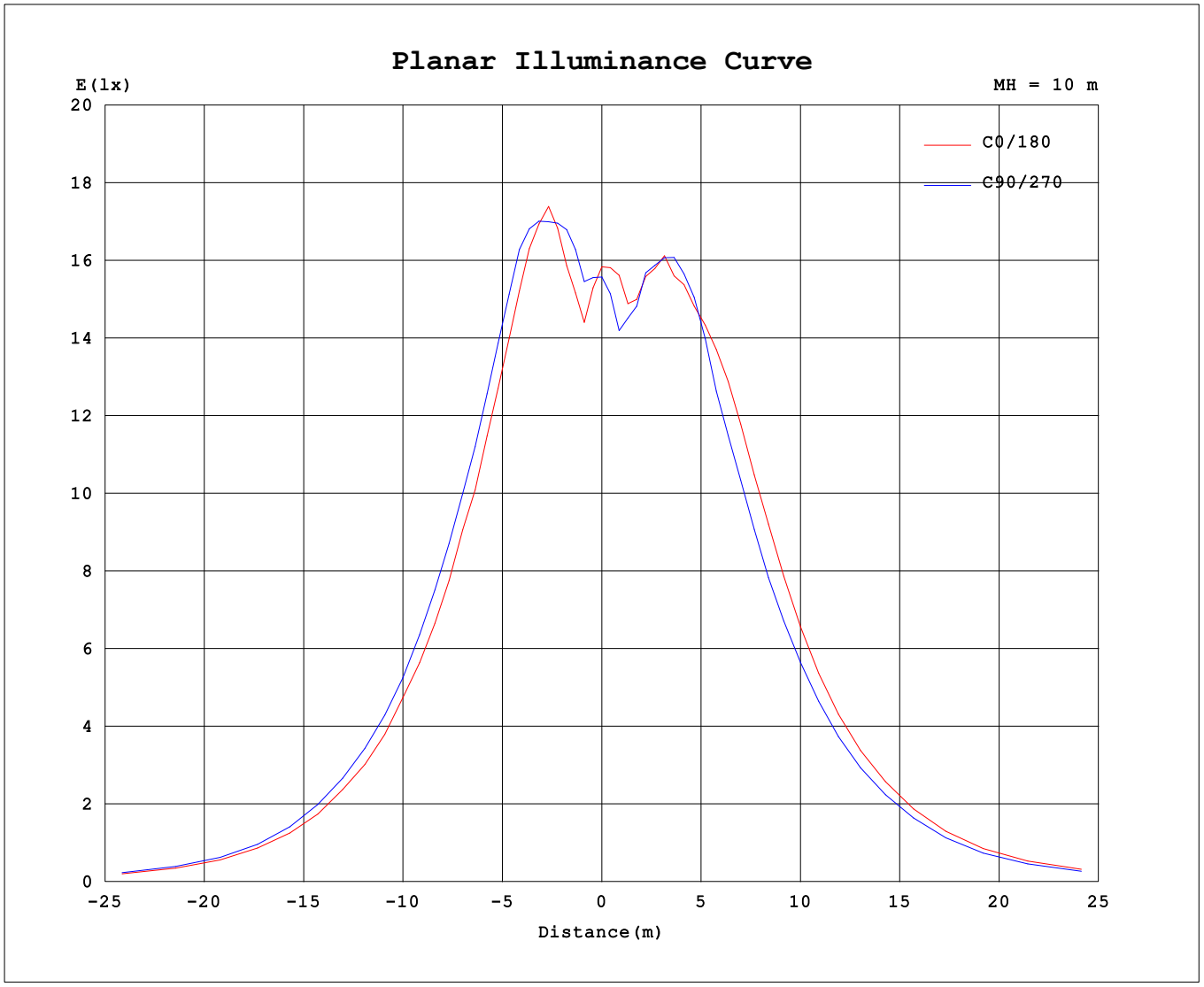
AvgL	cd/m2
L_0~180(65)av	14573
L_0~180(75)av	8974
L_0~180(85)av	6678
L_90~270(65)av	14261
L_90~270(75)av	8603
L_90~270(85)av	6211
L_45(65)av	14771
L_45(75)av	8722
L_45(85)av	6217

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:0.3458A P:41.145W PF:0.9917 Freq:60.01Hz UTHDi:0.24% ITHDi:6.13% KDisp:0.0000 Lamp Flux:6036.41x1 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	1561	1561	1561	1561	1561	1561	1561	1561	1561	1561	1561	1561
5	1436	1456	1503	1567	1669	1613	1557	1503	1501	1439	1543	1551
10	1637	1645	1643	1762	1873	1732	1547	1526	1551	1556	1638	1618
15	1902	1819	1785	1890	2114	1926	1727	1772	1843	1765	1708	1788
20	1936	1962	1860	2031	2200	2060	1853	1954	2004	1942	1872	1906
25	1853	1970	1923	2038	2132	2106	1962	1992	1976	2026	2075	1953
30	1742	1851	2030	1939	2026	2021	2079	1905	1886	1949	2146	1948
35	1625	1748	2041	1824	1894	1922	2114	1812	1795	1885	2172	1863
40	1460	1605	1926	1676	1732	1784	2020	1681	1678	1747	2062	1737
45	1322	1449	1715	1491	1540	1626	1830	1509	1518	1602	1890	1554
50	1122	1274	1484	1299	1326	1415	1602	1329	1325	1412	1648	1356
55	914	1036	1218	1062	1062	1153	1345	1136	1117	1193	1366	1128
60	686	766	895	775	764	850	1026	894	876	912	1007	834
65	458	510	604	524	517	585	705	615	608	614	686	576
70	287	314	375	330	326	372	449	390	380	389	437	371
75	166	174	208	191	191	214	272	226	216	229	259	218
80	84.8	83.5	100	97.2	99.4	111	141	122	113	127	139	114
85	39.0	35.4	42.4	42.8	46.0	53.3	70.8	54.7	54.6	59.4	69.6	54.7
90	20.5	18.4	22.0	18.8	20.8	21.2	29.0	21.8	22.8	22.2	24.6	19.3
95	20.2	19.7	22.0	19.1	20.9	21.6	29.6	21.7	22.4	22.9	24.6	18.8
100	20.2	20.6	22.1	19.9	21.3	22.1	30.0	22.4	22.8	23.4	25.0	19.7
105	20.7	21.2	22.3	21.0	21.9	22.8	29.9	23.2	23.1	23.6	25.2	20.9
110	21.2	21.5	22.3	22.5	22.7	23.5	28.9	23.9	23.3	23.8	25.4	22.6
115	21.8	21.8	22.3	23.8	23.5	23.9	27.0	23.6	23.7	24.0	25.5	24.4
120	22.4	22.1	22.3	24.3	24.2	23.5	25.1	23.3	23.9	23.7	25.6	25.7
125	22.9	22.6	22.8	24.7	24.9	23.6	24.5	23.7	24.0	24.3	26.0	26.7
130	23.3	23.3	23.6	24.8	25.4	23.9	24.8	24.3	24.3	24.9	27.2	27.6
135	23.7	24.0	24.6	25.4	26.0	23.2	25.6	24.9	24.8	25.3	28.6	28.4
140	24.3	24.8	24.3	26.4	26.5	25.8	26.6	25.9	25.6	26.5	29.9	29.3
145	25.2	25.5	25.9	24.7	25.0	26.2	27.5	25.8	26.9	27.9	31.1	30.4
150	26.3	25.7	26.6	25.9	25.9	25.9	25.5	25.2	28.2	29.5	31.9	31.7
155	27.2	26.4	27.4	27.0	27.6	26.8	28.0	29.1	25.8	27.5	32.9	32.7
160	28.4	27.4	27.3	28.1	29.2	28.3	27.2	27.5	27.4	28.6	34.1	32.7
165	29.3	28.5	28.3	29.6	30.7	29.2	28.2	27.9	28.9	31.4	33.5	33.4
170	30.5	29.7	29.6	31.0	31.7	30.6	29.5	29.2	29.8	31.6	33.7	33.4
175	31.3	30.7	30.7	31.7	32.6	31.8	30.7	30.1	30.6	31.9	33.2	32.6
180	31.5	30.8	31.0	32.0	33.0	33.0	31.5	30.8	30.9	32.1	33.0	33.0

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	1561	1561	1561	1561	1561	1561	1561	1561	1561	1561
2.5	1511	1519	1503	1563	1630	1592	1563	1524	1526	1522
5.0	1436	1456	1503	1567	1669	1613	1557	1503	1501	1439
7.5	1533	1555	1557	1674	1745	1657	1505	1471	1464	1493
10.0	1637	1645	1643	1762	1873	1732	1547	1526	1551	1556
12.5	1782	1726	1705	1827	2015	1802	1651	1644	1706	1689
15.0	1902	1819	1785	1890	2114	1926	1727	1772	1843	1765
17.5	1924	1891	1825	1965	2163	1986	1832	1837	1945	1857
20.0	1936	1962	1860	2031	2200	2060	1853	1954	2004	1942
22.5	1901	1973	1908	2069	2174	2126	1921	2014	2016	1990
25.0	1853	1970	1923	2038	2132	2106	1962	1992	1976	2026
27.5	1795	1915	2008	1992	2083	2049	2024	1960	1932	2009
30.0	1742	1851	2030	1939	2026	2021	2079	1905	1886	1949
32.5	1658	1823	2069	1873	1964	1979	2116	1855	1841	1919
35.0	1625	1748	2041	1824	1894	1922	2114	1812	1795	1885
37.5	1532	1692	1990	1749	1818	1848	2067	1754	1741	1821
40.0	1460	1605	1926	1676	1732	1784	2020	1681	1678	1747
42.5	1388	1535	1826	1592	1641	1721	1935	1598	1602	1679
45.0	1322	1449	1715	1491	1540	1626	1830	1509	1518	1602
47.5	1213	1366	1601	1395	1437	1526	1718	1417	1423	1511
50.0	1122	1274	1484	1299	1326	1415	1602	1329	1325	1412
52.5	1041	1156	1358	1189	1204	1294	1478	1236	1223	1304
55.0	914.0	1036	1218	1062	1062	1153	1345	1136	1117	1193
57.5	799.8	907.5	1057	917.6	908.0	997.1	1194	1023	1003	1065
60.0	685.9	766.0	894.6	774.8	764.2	850.1	1026	894.4	875.6	912.4
62.5	566.7	630.1	740.5	642.8	634.2	710.5	857.8	749.9	740.1	754.1
65.0	458.0	510.0	603.6	523.7	517.5	585.4	704.8	615.5	607.6	614.1
67.5	365.8	403.9	480.2	418.7	413.0	471.5	569.5	495.8	486.7	493.5
70.0	287.1	314.3	374.8	329.9	326.1	372.4	448.9	390.0	380.3	388.7
72.5	220.8	236.4	282.8	260.5	252.2	293.1	348.7	300.9	298.3	302.0
75.0	166.1	173.6	208.0	191.1	190.6	213.8	272.4	225.8	216.4	229.2
77.5	125.4	122.9	147.9	139.5	145.0	155.2	196.2	165.1	158.4	169.6
80.0	84.83	83.53	100.4	97.24	99.43	110.7	141.0	122.3	112.6	127.2
82.5	58.88	55.35	66.15	66.91	70.52	78.70	99.63	79.64	78.23	84.89
85.0	39.04	35.44	42.39	42.75	46.02	53.29	70.84	54.68	54.64	59.44
87.5	23.05	19.74	23.61	22.14	24.45	29.36	47.16	35.79	36.59	38.04
90.0	20.55	18.36	21.99	18.82	20.83	21.23	29.03	21.80	22.83	22.24
92.5	20.37	19.04	21.97	18.86	20.81	21.41	29.16	21.38	22.23	22.44
95.0	20.18	19.66	21.98	19.06	20.88	21.61	29.58	21.65	22.40	22.87
97.5	20.13	20.19	22.05	19.40	21.04	21.84	29.85	21.96	22.63	23.16
100.0	20.25	20.61	22.12	19.86	21.28	22.12	29.97	22.36	22.78	23.36
102.5	20.54	20.94	22.19	20.41	21.56	22.43	29.99	22.73	22.93	23.50
105.0	20.74	21.16	22.25	21.04	21.89	22.79	29.88	23.22	23.09	23.61
107.5	20.95	21.35	22.27	21.73	22.26	23.19	29.68	23.66	23.20	23.70
110.0	21.19	21.51	22.29	22.51	22.67	23.53	28.95	23.91	23.34	23.83
112.5	21.49	21.69	22.29	23.27	23.08	23.78	27.84	23.85	23.53	23.90
115.0	21.81	21.84	22.29	23.81	23.48	23.94	27.04	23.63	23.67	24.04
117.5	22.12	21.99	22.27	24.26	23.85	23.77	26.00	23.49	23.80	23.99
120.0	22.40	22.15	22.28	24.31	24.22	23.48	25.12	23.33	23.89	23.71
122.5	22.67	22.35	22.48	24.45	24.60	23.46	24.67	23.43	23.95	23.95
125.0	22.90	22.64	22.80	24.65	24.93	23.57	24.52	23.65	24.02	24.29
127.5	23.08	22.94	23.17	24.82	25.21	23.82	24.58	23.94	24.11	24.65
130.0	23.26	23.28	23.59	24.77	25.41	23.92	24.82	24.26	24.28	24.87
132.5	23.47	23.63	24.07	25.03	25.68	23.24	25.15	24.58	24.53	24.57
135.0	23.72	24.01	24.59	25.36	26.04	23.20	25.57	24.91	24.80	25.26
137.5	23.97	24.38	24.98	25.77	26.38	24.50	26.07	25.36	25.11	25.83
140.0	24.28	24.83	24.34	26.37	26.53	25.85	26.64	25.92	25.60	26.46
142.5	24.63	25.27	24.69	26.07	24.60	25.16	27.16	26.62	26.21	27.16
145.0	25.15	25.55	25.89	24.68	24.96	26.19	27.52	25.78	26.88	27.90
147.5	25.81	25.63	26.28	25.15	25.27	25.54	27.27	24.11	27.57	28.71
150.0	26.28	25.72	26.59	25.87	25.93	25.89	25.49	25.19	28.22	29.53
152.5	26.51	26.16	26.19	27.34	26.70	26.44	25.53	28.69	27.75	30.36
155.0	27.24	26.36	27.42	26.97	27.64	26.80	28.00	29.09	25.82	27.54
157.5	27.88	26.98	26.94	27.34	28.56	27.58	27.31	26.98	26.69	27.80
160.0	28.35	27.39	27.34	28.05	29.25	28.26	27.17	27.50	27.44	28.56
162.5	29.00	27.85	27.66	28.82	29.88	28.61	27.67	27.60	28.11	29.93
165.0	29.26	28.48	28.27	29.55	30.70	29.19	28.16	27.95	28.86	31.42
167.5	29.82	29.22	28.92	30.24	31.41	29.92	28.86	28.58	29.54	33.48
170.0	30.48	29.70	29.55	30.97	31.75	30.62	29.55	29.17	29.84	31.64
172.5	31.06	30.25	30.13	31.53	32.17	31.26	30.19	29.71	30.28	31.89
175.0	31.30	30.67	30.68	31.74	32.60	31.79	30.74	30.14	30.61	31.86
177.5	31.44	30.82	30.94	31.97	32.87	32.25	31.23	30.44	30.84	31.97
180.0	31.48	30.83	30.97	32.05	33.01	32.96	31.45	30.83	30.93	32.07

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	1561	1561
2.5	1555	1578
5.0	1543	1551
7.5	1573	1572
10.0	1638	1618
12.5	1671	1746
15.0	1708	1788
17.5	1770	1802
20.0	1872	1906
22.5	1960	1942
25.0	2075	1953
27.5	2075	1944
30.0	2146	1948
32.5	2171	1883
35.0	2172	1863
37.5	2126	1818
40.0	2062	1737
42.5	1997	1652
45.0	1890	1554
47.5	1772	1453
50.0	1648	1356
52.5	1514	1253
55.0	1366	1128
57.5	1191	981.2
60.0	1007	834.3
62.5	836.0	699.9
65.0	685.9	576.1
67.5	552.9	467.2
70.0	436.8	371.2
72.5	341.1	288.4
75.0	259.3	218.3
77.5	192.9	160.0
80.0	138.8	113.6
82.5	98.93	80.12
85.0	69.59	54.72
87.5	42.90	31.27
90.0	24.62	19.31
92.5	24.53	18.78
95.0	24.64	18.76
97.5	24.82	19.16
100.0	24.97	19.67
102.5	25.12	20.27
105.0	25.22	20.94
107.5	25.31	21.72
110.0	25.38	22.63
112.5	25.45	23.53
115.0	25.49	24.44
117.5	25.50	25.17
120.0	25.62	25.74
122.5	25.75	26.23
125.0	26.05	26.68
127.5	26.53	27.11
130.0	27.16	27.56
132.5	27.87	28.00
135.0	28.56	28.41
137.5	29.27	28.87
140.0	29.92	29.29
142.5	30.49	29.78
145.0	31.08	30.36
147.5	31.56	31.02
150.0	31.93	31.65
152.5	32.45	32.25
155.0	32.90	32.70
157.5	33.55	33.37
160.0	34.13	32.74
162.5	33.31	32.87
165.0	33.46	33.44
167.5	34.26	33.75
170.0	33.74	33.36
172.5	32.80	32.72
175.0	33.24	32.59
177.5	33.14	32.88
180.0	33.04	32.95

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: