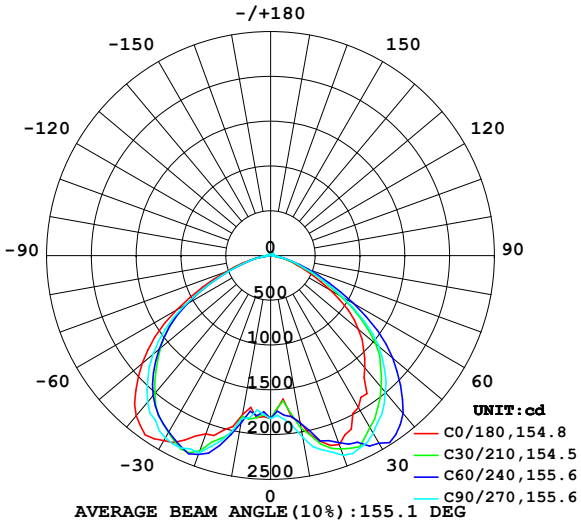
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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:

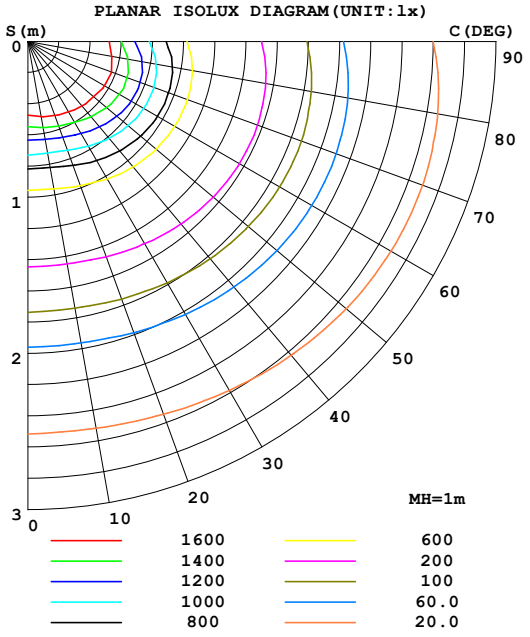
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 134.32 lm/W	
MODEET01-60 50 40 30 20W-TCP		Imax(cd)	2558	S/MH(C0/180)	1.75
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.69
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	7123.1	η UP,DN(C0-180)	1.2,46.8
NOMINAL FLUX(lm)	7123.06	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.7
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%):155.1 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	1887	1925	2059	2097	1799	1857	1849	1843	0- 10	174.8	174.8	2.45,2.45
20	2246	2259	2375	2480	2120	2341	2345	2173	10- 20	612.4	787.2	11.1,11.1
30	1961	2318	2290	2338	2384	2278	2350	2370	20- 30	1074	1861	26.1,26.1
40	1637	2112	1995	2043	2336	2026	2136	2209	30- 40	1385	3247	45.6,45.6
50	1281	1653	1577	1592	1870	1614	1714	1755	40- 50	1442	4688	65.8,65.8
60	773.6	981.9	928.1	942.9	1212	1086	1109	1068	50- 60	1201	5890	82.7,82.7
70	318.2	409.3	398.0	411.3	534.4	474.2	474.7	469.9	60- 70	697.1	6587	92.5,92.5
80	96.37	113.8	117.6	124.5	167.9	142.6	148.7	150.2	70- 80	281.0	6868	96.4,96.4
90	23.47	24.27	22.53	24.35	32.78	28.80	27.68	26.54	80- 90	73.54	6941	97.4,97.4
100	23.42	25.51	23.47	25.08	32.45	28.00	28.08	26.97	90-100	28.60	6970	97.8,97.8
110	24.42	26.13	26.19	26.39	31.68	28.38	28.30	28.52	100-110	28.55	6998	98.2,98.2
120	25.87	26.61	28.84	26.87	28.37	28.33	28.26	30.25	110-120	27.55	7026	98.6,98.6
130	26.85	28.08	29.72	27.81	28.54	29.04	29.78	31.97	120-130	25.49	7051	99,99
140	28.04	29.49	31.51	29.56	30.99	31.00	32.42	34.10	130-140	23.14	7075	99.3,99.3
150	30.43	31.31	30.79	30.05	28.70	32.23	35.89	36.44	140-150	19.75	7094	99.6,99.6
160	32.79	32.83	33.71	33.33	31.22	33.09	34.15	38.61	150-160	15.28	7110	99.8,99.8
170	35.06	35.49	37.12	36.11	33.98	35.31	37.68	38.67	160-170	9.945	7120	100,100
180	36.22	36.96	38.40	38.27	36.19	36.94	38.42	38.26	170-180	3.511	7123	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3978.2 lm

%lum = 55.8%
%lamp = 55.8%

Conical surface Flux(130deg): 6302.6 lm

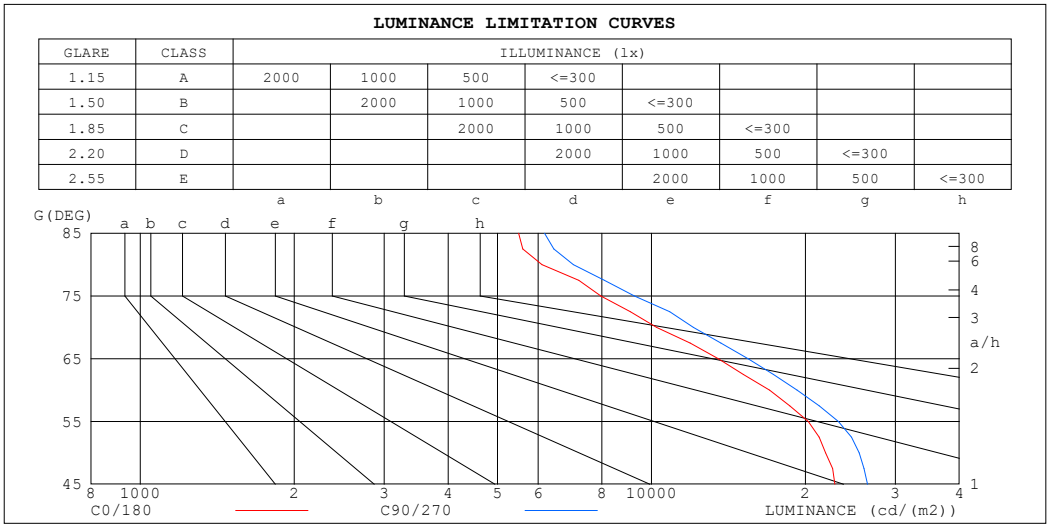
%lum = 88.5%
%lamp = 88.5%

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:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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:



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	5500	6179
80	6107	7033
75	7956	9259
70	10236	12084
65	13522	15450
60	17024	19277
55	20276	23205
50	21924	25476
45	22829	26465

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:

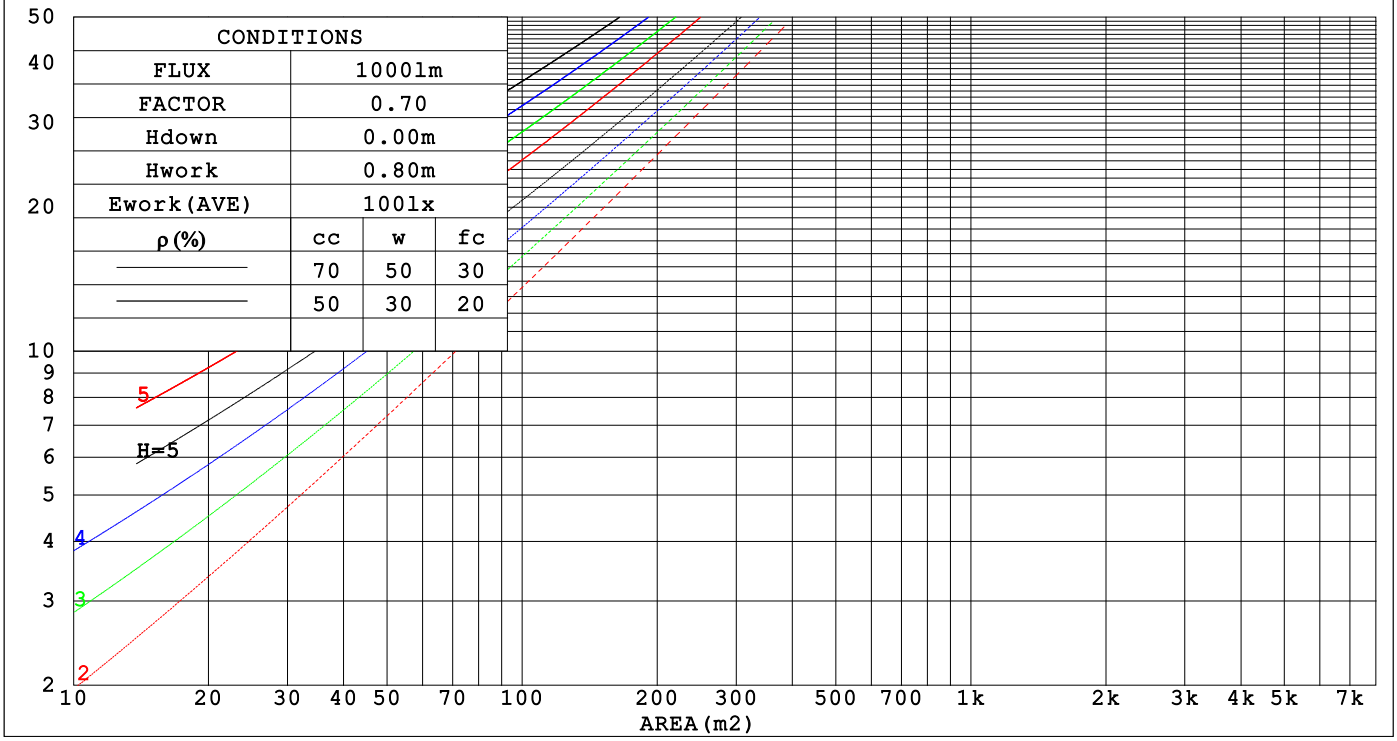
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.05	1.01	.97	1.02	.99	.95	.97	.95	.92	.93	.91	.89	.89	.87	.86	.83
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.82	.78	.75	.79	.75	.72	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.67	.60	.55	.65	.59	.54	.62	.57	.53	.51
5.0	.64	.55	.49	.63	.54	.48	.60	.53	.47	.58	.52	.47	.56	.50	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.26
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



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

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

WEC AND CCEC

Test:U:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.284	.161	.051	.276	.157	.050	.261	.150	.048	.248	.143	.046	.236	.137	.044	
2.0	.273	.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	.088	.025	.173	.086	.025	.167	.085	.024	.161	.083	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.081	.023	.157	.079	.023	.152	.077	.022	
10.0	.162	.078	.022	.160	.077	.021	.154	.075	.021	.149	.074	.021	.144	.072	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.198	.176	.156	.170	.151	.134	.116	.104	.093	.067	.060	.054	.021	.019	.017	
2.0	.189	.152	.120	.162	.131	.104	.111	.090	.072	.064	.053	.042	.021	.017	.014	
3.0	.182	.134	.096	.156	.116	.083	.107	.080	.058	.062	.047	.034	.020	.015	.011	
4.0	.174	.121	.080	.150	.104	.069	.103	.073	.049	.060	.043	.029	.019	.014	.009	
5.0	.167	.110	.068	.144	.095	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
6.0	.161	.102	.060	.138	.088	.052	.095	.062	.037	.055	.036	.022	.018	.012	.007	
7.0	.154	.095	.054	.133	.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:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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	23.0	24.5	23.3	24.7	25.0	24.0	25.4	24.3	25.7	25.9
3H	23.6	24.9	23.9	25.2	25.5	24.5	25.9	24.9	26.2	26.4
4H	23.7	25.0	24.0	25.3	25.6	24.7	25.9	25.0	26.2	26.5
6H	23.7	24.9	24.1	25.2	25.6	24.7	25.9	25.1	26.2	26.5
8H	23.7	24.9	24.1	25.2	25.5	24.7	25.8	25.1	26.2	26.5
12H	23.7	24.8	24.1	25.1	25.5	24.7	25.8	25.1	26.1	26.5
4H 2H	23.5	24.7	23.8	25.0	25.3	24.2	25.5	24.6	25.8	26.1
3H	24.2	25.2	24.5	25.6	25.9	25.0	26.1	25.4	26.4	26.8
4H	24.3	25.3	24.8	25.7	26.1	25.2	26.2	25.6	26.6	26.9
6H	24.4	25.3	24.9	25.7	26.1	25.3	26.2	25.7	26.6	27.0
8H	24.4	25.2	24.9	25.7	26.1	25.3	26.1	25.8	26.5	27.0
12H	24.4	25.2	24.9	25.6	26.1	25.3	26.1	25.8	26.5	26.9
8H 4H	24.4	25.2	24.8	25.6	26.1	25.2	26.0	25.7	26.4	26.9
6H	24.5	25.2	25.0	25.7	26.1	25.4	26.0	25.9	26.5	27.0
8H	24.6	25.2	25.1	25.6	26.1	25.4	26.0	25.9	26.5	27.0
12H	24.6	25.1	25.1	25.6	26.1	25.5	26.0	26.0	26.5	27.0
12H 4H	24.4	25.1	24.8	25.5	26.0	25.2	25.9	25.6	26.3	26.8
6H	24.5	25.1	25.0	25.6	26.1	25.4	25.9	25.9	26.4	26.9
8H	24.6	25.1	25.1	25.6	26.1	25.4	25.9	25.9	26.4	27.0
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 / - 1.1					+ 0.7 / - 1.2				

CIE Pub.117, 7123 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.8)
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:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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:

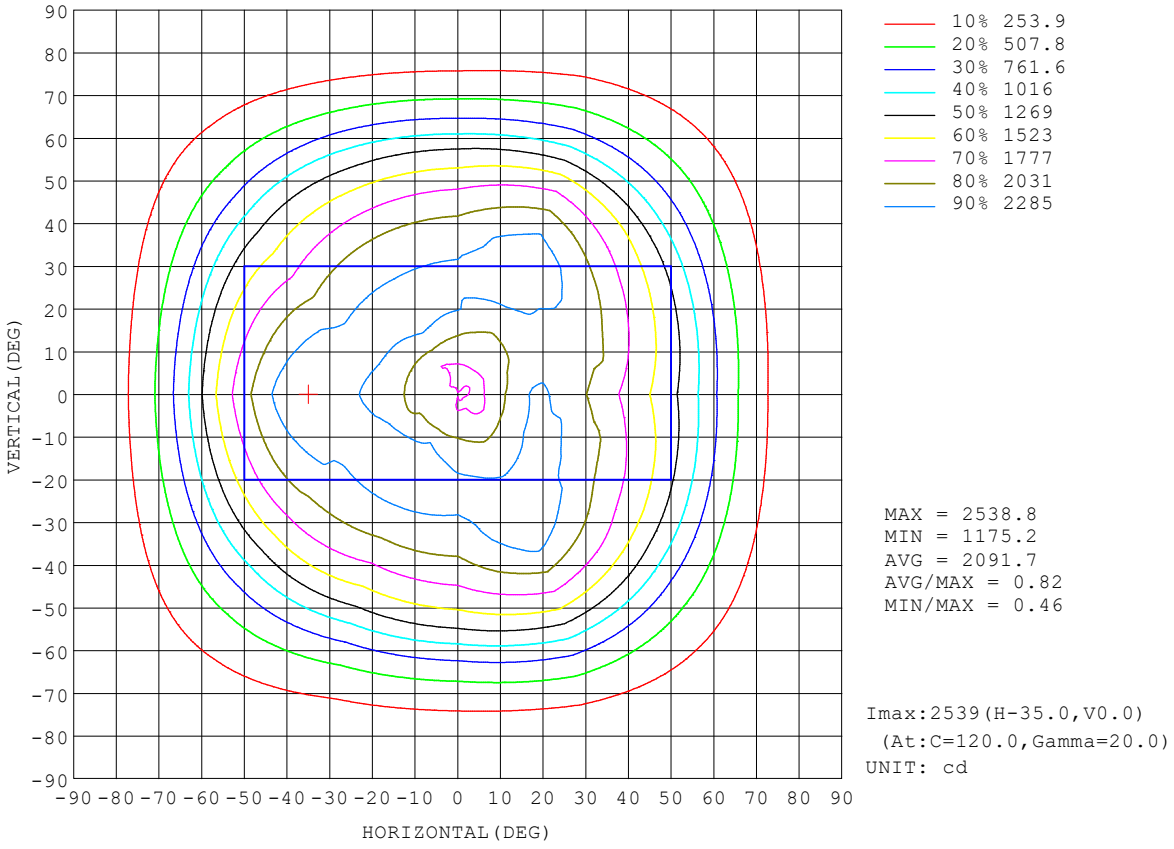
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	57	49	67	56	49	65	55	49	42
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:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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:



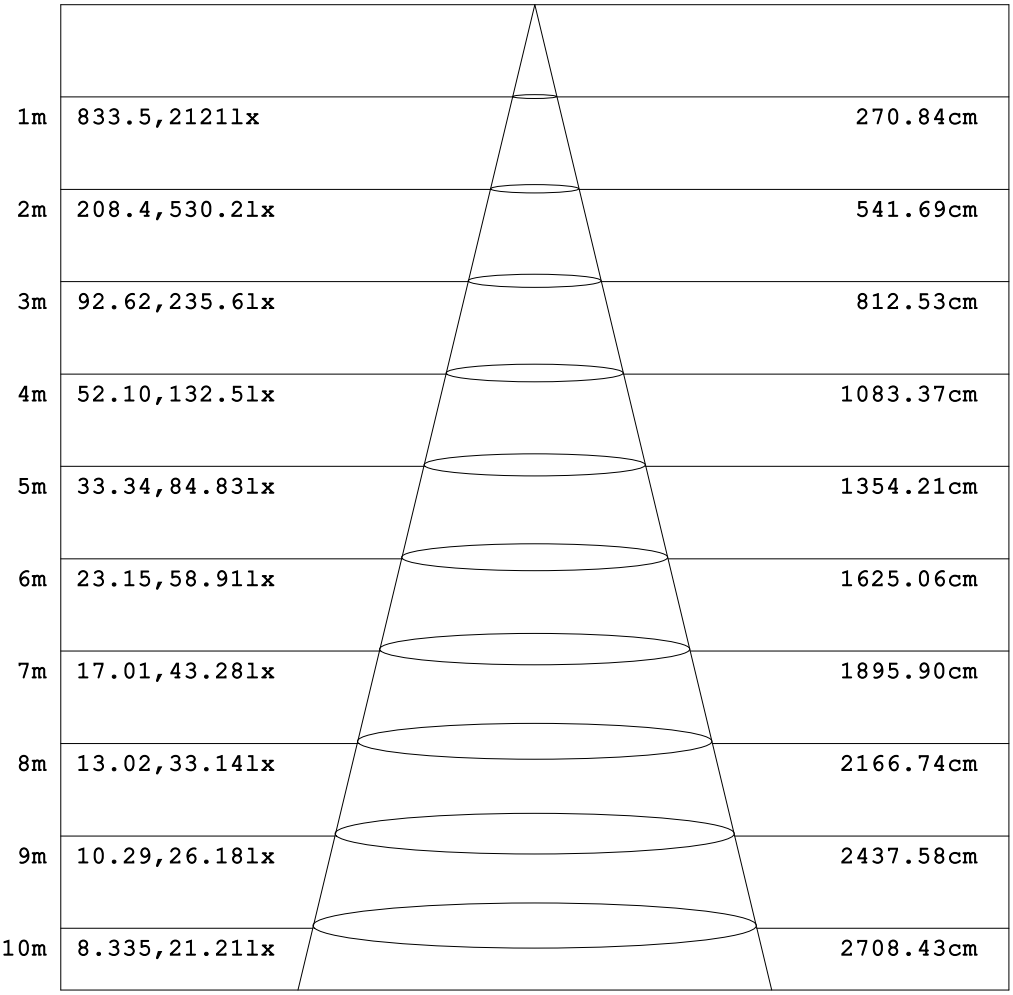
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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:5341 lm



Height Eavg,Emax Angle:107.11deg Diameter

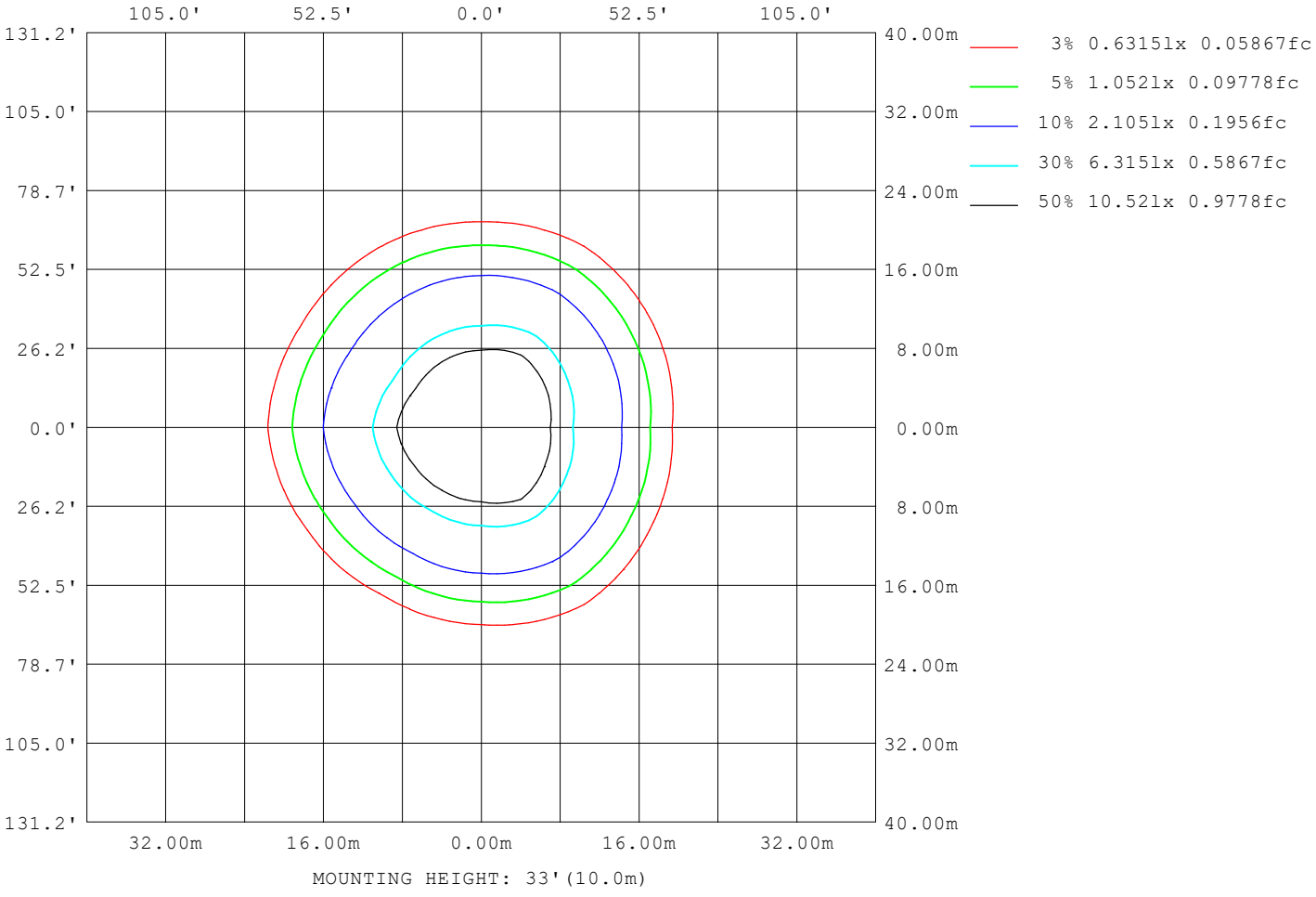
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

ISOLUX DIAGRAM

Test:U:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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:

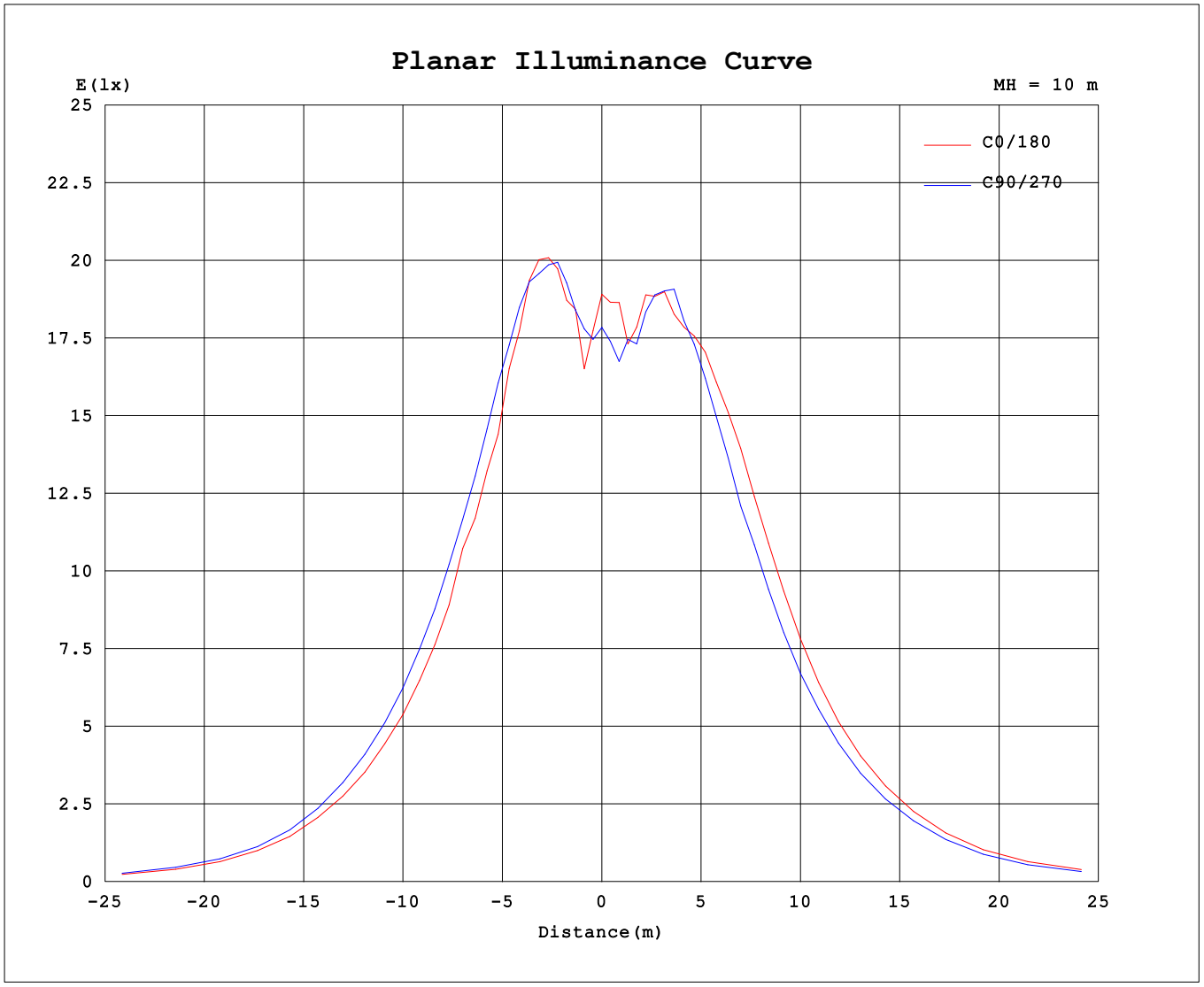
AvgL	cd/m2
L_0~180(65)av	16989
L_0~180(75)av	10285
L_0~180(85)av	7712
L_90~270(65)av	17285
L_90~270(75)av	10449
L_90~270(85)av	7580
L_45(65)av	17580
L_45(75)av	10582
L_45(85)av	7462

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:119.90V I:0.4446A P:53.030W PF:0.9947 Freq:60.01Hz UTHDi:0.33% ITHDi:5.22% KDisp:0.0000 Lamp Flux:7123.06x1 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	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821
5	1608	1630	1790	1836	1872	1828	1816	1817	1793	1729	1756	1731
10	1887	1952	1898	2059	2114	2080	1799	1824	1890	1849	1860	1826
15	2146	2179	2141	2248	2409	2260	2013	2110	2195	2138	2026	2083
20	2246	2296	2222	2375	2558	2402	2120	2319	2364	2345	2177	2170
25	2136	2353	2298	2368	2462	2474	2272	2382	2358	2371	2434	2211
30	1961	2217	2418	2290	2338	2339	2384	2281	2275	2350	2500	2241
35	1880	2081	2438	2166	2183	2258	2444	2184	2179	2245	2509	2176
40	1637	1921	2303	1995	1988	2098	2336	2010	2042	2136	2398	2023
45	1467	1734	2051	1802	1764	1914	2130	1811	1852	1934	2207	1808
50	1281	1531	1777	1577	1519	1663	1870	1606	1623	1714	1926	1588
55	1057	1231	1460	1282	1221	1352	1577	1385	1375	1443	1596	1320
60	774	895	1069	928	882	1003	1212	1093	1079	1109	1175	964
65	519	608	721	629	601	695	836	753	749	750	801	666
70	318	372	447	398	380	442	534	479	469	475	511	430
75	187	207	248	231	223	263	315	280	277	280	312	253
80	96.4	99.6	128	118	117	132	168	146	139	149	162	139
85	43.6	42.0	50.6	51.9	54.5	63.7	83.3	69.4	67.8	72.9	81.0	63.6
90	23.5	22.2	26.3	22.5	24.1	24.6	32.8	28.5	29.1	27.7	29.3	23.9
95	23.1	23.7	26.3	22.7	24.2	25.0	32.5	27.5	28.2	27.8	29.2	23.4
100	23.4	24.7	26.3	23.5	24.6	25.6	32.4	27.9	28.1	28.1	29.5	24.5
105	23.8	25.3	26.5	24.7	25.2	26.2	32.2	28.3	27.8	28.1	29.8	25.7
110	24.4	25.7	26.5	26.2	26.0	26.8	31.7	28.9	27.8	28.3	29.9	27.1
115	25.2	26.1	26.6	27.8	26.7	27.0	30.0	28.6	28.2	28.6	30.1	28.9
120	25.9	26.5	26.7	28.8	27.4	26.3	28.4	28.2	28.4	28.3	30.3	30.2
125	26.4	27.1	27.4	29.5	28.1	26.2	28.0	28.4	28.6	29.0	31.1	31.0
130	26.8	27.9	28.3	29.7	28.7	26.9	28.5	29.1	29.0	29.8	32.3	31.7
135	27.4	28.7	29.4	30.4	29.6	27.1	29.6	29.9	29.6	30.9	33.6	32.4
140	28.0	29.7	29.2	31.5	30.6	28.5	31.0	31.3	30.7	32.4	34.8	33.4
145	29.1	30.7	30.8	29.6	29.1	29.6	31.8	30.1	32.4	34.1	35.8	34.6
150	30.4	30.8	31.8	30.8	30.2	29.9	28.7	30.4	34.1	35.9	36.6	36.3
155	31.6	31.7	32.8	32.7	32.1	31.0	31.0	33.5	30.9	32.8	37.6	38.0
160	32.8	32.7	32.9	33.7	34.0	32.6	31.2	33.3	32.9	34.2	39.3	38.0
165	33.9	34.1	33.9	35.5	35.7	33.7	32.4	33.4	34.5	38.7	39.4	38.7
170	35.1	35.5	35.4	37.1	36.9	35.4	34.0	34.8	35.8	37.7	38.9	38.4
175	36.0	36.6	36.7	38.0	38.0	36.7	35.4	36.0	36.7	38.1	38.7	37.7
180	36.2	36.8	37.1	38.4	38.5	38.1	36.2	36.8	37.0	38.4	38.5	38.0

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	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821
2.5	1713	1707	1739	1786	1893	1870	1801	1775	1746	1779
5.0	1608	1630	1790	1836	1872	1828	1816	1817	1793	1729
7.5	1821	1787	1812	1926	2030	1908	1711	1842	1753	1828
10.0	1887	1952	1898	2059	2114	2080	1799	1824	1890	1849
12.5	2042	2053	1999	2186	2337	2072	1954	2033	2047	2011
15.0	2146	2179	2141	2248	2409	2260	2013	2110	2195	2138
17.5	2223	2257	2165	2302	2514	2341	2107	2180	2313	2236
20.0	2246	2296	2222	2375	2558	2402	2120	2319	2364	2345
22.5	2165	2328	2279	2392	2515	2455	2180	2383	2393	2335
25.0	2136	2353	2298	2368	2462	2474	2272	2382	2358	2371
27.5	1988	2283	2396	2347	2403	2390	2352	2331	2319	2370
30.0	1961	2217	2418	2290	2338	2339	2384	2281	2275	2350
32.5	1878	2166	2475	2219	2267	2270	2424	2228	2231	2319
35.0	1880	2081	2438	2166	2183	2258	2444	2184	2179	2245
37.5	1718	2012	2378	2088	2092	2184	2392	2109	2117	2216
40.0	1637	1921	2303	1995	1988	2098	2336	2010	2042	2136
42.5	1558	1834	2182	1909	1879	2021	2248	1917	1952	2042
45.0	1467	1734	2051	1802	1764	1914	2130	1811	1852	1934
47.5	1388	1655	1915	1695	1646	1797	2003	1707	1741	1838
50.0	1281	1531	1777	1577	1519	1663	1870	1606	1623	1714
52.5	1178	1383	1626	1444	1380	1516	1728	1501	1503	1580
55.0	1057	1231	1460	1282	1221	1352	1577	1385	1375	1443
57.5	910.7	1073	1264	1102	1047	1173	1404	1249	1234	1290
60.0	773.6	894.9	1069	928.1	882.0	1003	1212	1093	1079	1109
62.5	634.4	740.1	884.2	769.7	733.5	842.5	1017	916.6	912.4	918.2
65.0	519.3	608.3	720.8	628.7	600.8	695.4	836.2	753.3	749.4	750.5
67.5	414.3	481.0	573.5	503.9	480.8	560.1	677.0	607.3	600.0	602.5
70.0	318.2	371.6	447.0	398.0	379.9	442.0	534.4	479.0	469.5	474.7
72.5	248.6	289.4	337.9	314.3	294.7	340.6	415.2	371.3	359.4	368.3
75.0	187.1	207.2	248.4	230.7	223.3	262.9	315.4	280.3	277.2	279.9
77.5	141.7	147.1	176.7	168.6	163.5	185.2	234.0	205.8	195.1	207.2
80.0	96.37	99.56	128.0	117.6	116.9	131.9	167.9	146.2	139.0	148.7
82.5	66.48	65.75	79.37	80.96	83.00	93.81	118.3	100.5	96.61	103.9
85.0	43.56	41.96	50.57	51.85	54.54	63.74	83.35	69.38	67.77	72.88
87.5	25.18	23.10	27.92	26.72	29.05	35.35	54.99	46.31	46.03	46.90
90.0	23.47	22.23	26.31	22.53	24.13	24.57	32.78	28.48	29.12	27.68
92.5	23.22	23.01	26.25	22.51	24.10	24.77	32.20	27.45	28.02	27.64
95.0	23.09	23.71	26.25	22.67	24.17	25.01	32.45	27.51	28.16	27.81
97.5	23.13	24.26	26.27	23.00	24.35	25.28	32.51	27.70	28.15	27.93
100.0	23.42	24.71	26.32	23.47	24.57	25.59	32.45	27.87	28.13	28.08
102.5	23.63	25.06	26.38	24.05	24.86	25.91	32.35	28.05	27.99	28.09
105.0	23.84	25.30	26.45	24.70	25.19	26.23	32.23	28.33	27.82	28.15
107.5	24.09	25.51	26.50	25.42	25.56	26.55	32.08	28.63	27.80	28.26
110.0	24.42	25.70	26.55	26.19	25.96	26.82	31.68	28.93	27.84	28.30
112.5	24.79	25.91	26.59	27.04	26.37	26.98	30.54	28.81	27.99	28.44
115.0	25.17	26.09	26.60	27.83	26.74	27.03	30.00	28.62	28.16	28.63
117.5	25.52	26.27	26.64	28.51	27.07	26.74	29.19	28.38	28.33	28.56
120.0	25.87	26.48	26.74	28.84	27.42	26.33	28.37	28.24	28.42	28.26
122.5	26.17	26.74	27.00	29.15	27.80	26.17	28.05	28.15	28.49	28.55
125.0	26.43	27.09	27.37	29.53	28.14	26.20	28.04	28.40	28.61	28.98
127.5	26.63	27.46	27.80	29.78	28.46	26.47	28.22	28.71	28.72	29.47
130.0	26.85	27.88	28.28	29.72	28.72	26.92	28.54	29.13	28.95	29.78
132.5	27.10	28.32	28.82	30.10	29.11	27.37	29.01	29.48	29.26	29.97
135.0	27.37	28.75	29.38	30.43	29.55	27.11	29.59	29.93	29.64	30.88
137.5	27.67	29.19	29.85	30.85	30.05	27.23	30.29	30.55	30.08	31.67
140.0	28.04	29.73	29.25	31.51	30.64	28.50	30.99	31.26	30.74	32.42
142.5	28.46	30.28	29.40	31.51	28.66	28.62	31.64	32.11	31.57	33.25
145.0	29.10	30.73	30.79	29.62	29.07	29.62	31.82	30.08	32.42	34.12
147.5	29.88	30.71	31.23	30.14	29.43	30.03	30.26	28.67	33.29	34.95
150.0	30.43	30.81	31.81	30.79	30.21	29.90	28.70	30.37	34.10	35.89
152.5	30.73	31.34	31.00	32.37	31.08	30.52	29.37	34.31	32.98	36.65
155.0	31.64	31.74	32.84	32.69	32.08	31.01	30.99	33.47	30.86	32.80
157.5	32.09	32.33	32.66	32.76	33.21	31.85	30.70	32.76	31.89	33.27
160.0	32.79	32.74	32.91	33.71	34.04	32.63	31.22	33.30	32.88	34.15
162.5	33.74	33.31	33.19	34.61	34.76	33.08	31.80	32.82	33.68	35.89
165.0	33.89	34.10	33.89	35.47	35.70	33.70	32.37	33.36	34.48	38.66
167.5	34.42	34.99	34.71	36.26	36.39	34.55	33.17	34.13	35.39	39.54
170.0	35.06	35.55	35.44	37.12	36.86	35.37	33.98	34.85	35.78	37.68
172.5	35.79	36.11	36.12	37.74	37.45	36.12	34.72	35.51	36.26	38.63
175.0	36.05	36.61	36.74	37.98	37.95	36.74	35.36	36.01	36.66	38.11
177.5	36.19	36.80	37.05	38.29	38.29	37.30	35.91	36.39	36.94	38.29
180.0	36.22	36.84	37.08	38.40	38.46	38.07	36.19	36.84	37.04	38.42

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	1821	1821
2.5	1812	1824
5.0	1756	1731
7.5	1860	1811
10.0	1860	1826
12.5	1821	2021
15.0	2026	2083
17.5	2136	2179
20.0	2177	2170
22.5	2313	2192
25.0	2434	2211
27.5	2440	2224
30.0	2500	2241
32.5	2525	2226
35.0	2509	2176
37.5	2484	2114
40.0	2398	2023
42.5	2323	1907
45.0	2207	1808
47.5	2070	1697
50.0	1926	1588
52.5	1768	1471
55.0	1596	1320
57.5	1391	1139
60.0	1175	963.5
62.5	977.1	808.0
65.0	801.5	665.9
67.5	645.7	540.7
70.0	510.7	429.9
72.5	399.1	333.7
75.0	311.8	252.6
77.5	224.6	185.1
80.0	161.6	139.1
82.5	115.4	93.06
85.0	80.95	63.61
87.5	49.80	36.39
90.0	29.26	23.86
92.5	29.10	23.46
95.0	29.21	23.44
97.5	29.35	23.87
100.0	29.53	24.46
102.5	29.59	25.03
105.0	29.76	25.66
107.5	29.84	26.29
110.0	29.93	27.13
112.5	30.04	27.95
115.0	30.15	28.91
117.5	30.20	29.67
120.0	30.34	30.16
122.5	30.58	30.64
125.0	31.07	30.98
127.5	31.67	31.38
130.0	32.27	31.69
132.5	32.90	32.02
135.0	33.58	32.36
137.5	34.21	32.82
140.0	34.80	33.42
142.5	35.30	33.96
145.0	35.80	34.61
147.5	36.17	35.41
150.0	36.55	36.32
152.5	37.23	37.20
155.0	37.62	37.98
157.5	38.52	39.00
160.0	39.28	37.96
162.5	39.10	38.76
165.0	39.36	38.66
167.5	39.74	38.63
170.0	38.91	38.43
172.5	38.46	37.63
175.0	38.71	37.73
177.5	38.56	37.98
180.0	38.50	38.02

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: