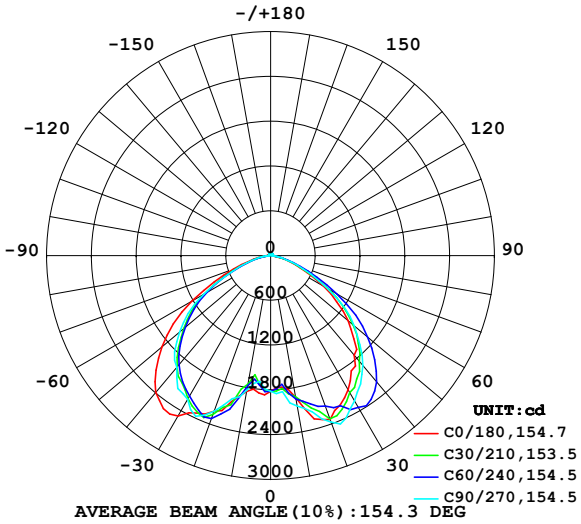
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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:

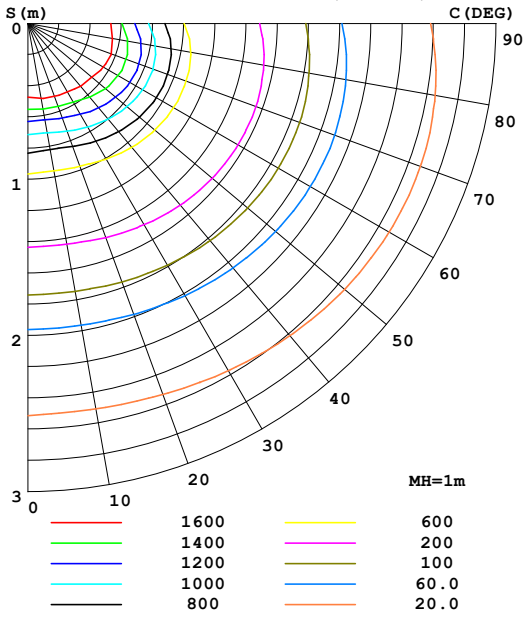
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 131.78 lm/W	
MODEET01-60 50 40 30 20W-TCP		Imax(cd)	2552	S/MH(C0/180)	1.75
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.64
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6954.7	η UP,DN(C0-180)	1.2,47.2
NOMINAL FLUX(lm)	6954.69	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.2
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%):154.3 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	1929	1934	2048	2042	1848	1759	1829	1885	0- 10	175.1	175.1	2.52,2.52
20	2337	2237	2373	2418	2218	2293	2218	2179	10- 20	600.2	775.3	11.1,11.1
30	2075	2237	2249	2325	2483	2193	2223	2358	20- 30	1068	1843	26.5,26.5
40	1745	2033	1926	2011	2394	1932	1958	2155	30- 40	1357	3201	46,46
50	1354	1574	1464	1572	1897	1506	1590	1688	40- 50	1402	4603	66.2,66.2
60	823.5	956.5	884.1	930.8	1213	1004	1030	1036	50- 60	1160	5763	82.9,82.9
70	344.1	394.2	375.1	401.5	531.5	440.1	438.6	453.2	60- 70	672.6	6436	92.5,92.5
80	99.15	107.6	110.2	121.0	168.5	135.7	144.5	145.2	70- 80	269.9	6705	96.4,96.4
90	24.54	23.18	21.27	23.97	34.92	26.71	25.89	25.45	80- 90	70.93	6776	97.4,97.4
100	24.19	24.59	22.37	24.60	35.10	26.68	26.88	25.92	90-100	27.87	6804	97.8,97.8
110	25.18	25.24	25.16	25.95	33.79	27.35	27.17	27.76	100-110	28.03	6832	98.2,98.2
120	26.70	25.63	27.62	26.66	29.82	27.29	27.02	29.48	110-120	27.06	6859	98.6,98.6
130	27.76	27.03	28.26	27.78	29.74	28.01	28.41	31.41	120-130	25.03	6884	99,99
140	29.01	28.41	30.01	29.54	32.04	29.81	30.62	33.58	130-140	22.70	6907	99.3,99.3
150	31.45	30.27	29.44	29.61	30.01	30.93	34.17	36.04	140-150	19.41	6926	99.6,99.6
160	33.91	31.58	32.09	32.83	32.39	31.90	32.63	37.98	150-160	15.01	6941	99.8,99.8
170	36.29	34.21	35.41	35.56	35.19	34.09	36.04	38.62	160-170	9.752	6951	100,100
180	37.47	35.66	36.62	37.63	37.45	35.64	36.64	37.63	170-180	3.445	6955	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3915.3 lm

%lum = 56.3%
%lamp = 56.3%

Conical surface Flux(130deg): 6162.2 lm

%lum = 88.6%
%lamp = 88.6%

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

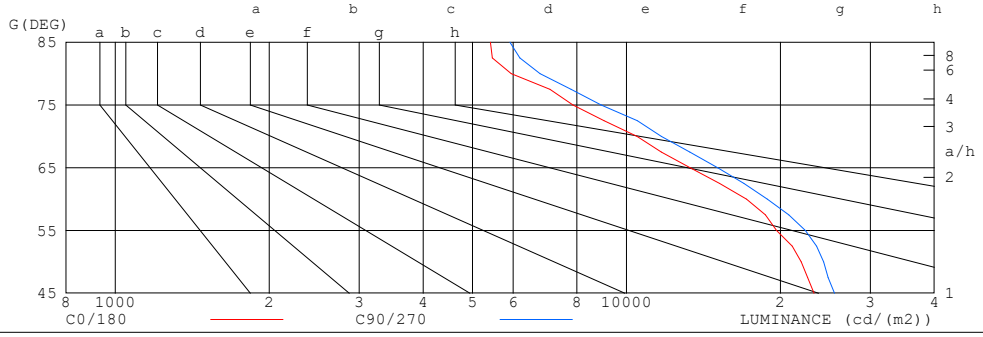
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz **UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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	5421	5918
80	5953	6773
75	7854	8922
70	10491	11703
65	13314	15086
60	17173	18870
55	19660	22401
50	21970	24301
45	23275	25539

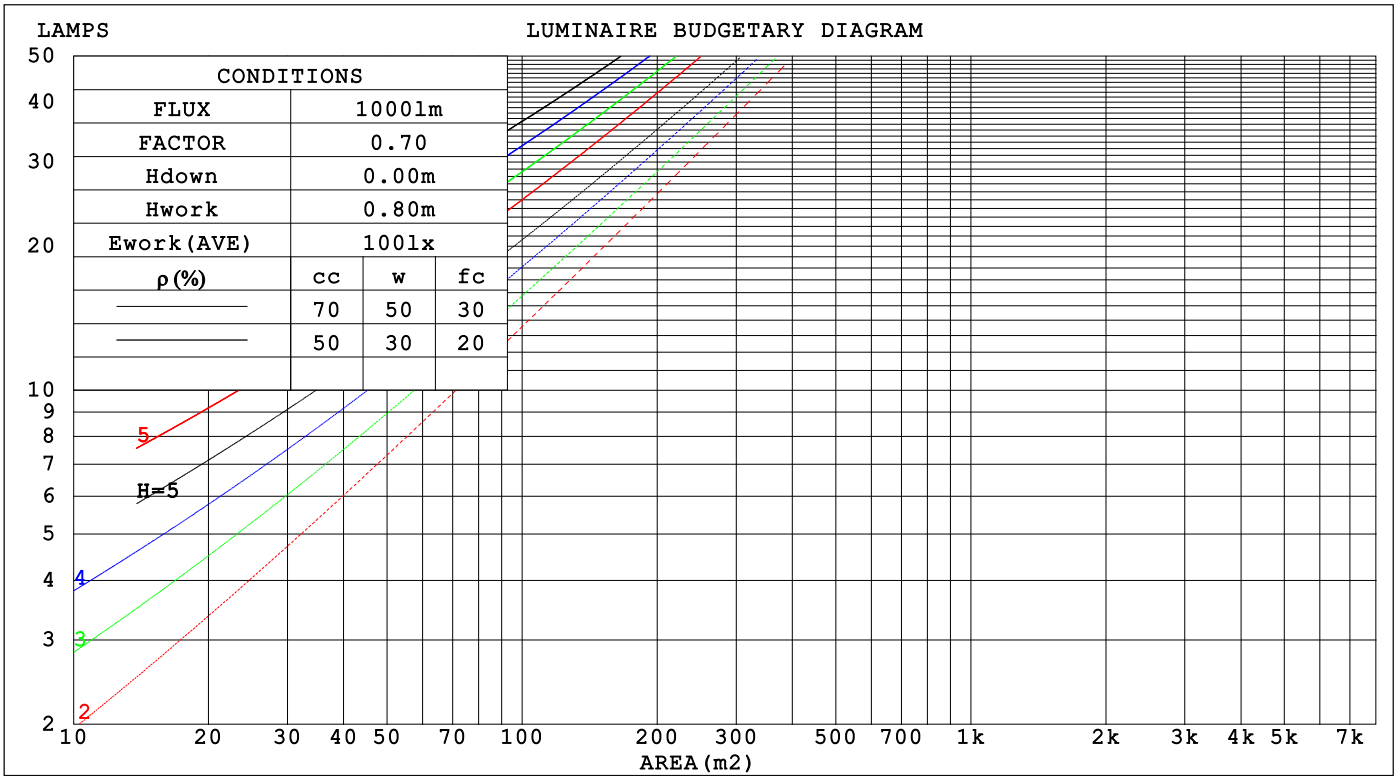
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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	.68	.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	.58	.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	.33	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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	.260	.149	.048	.247	.142	.046	.235	.136	.044	
2.0	.272	.149	.046	.265	.146	.045	.252	.140	.044	.240	.135	.042	.229	.130	.041	
3.0	.256	.136	.041	.249	.134	.040	.238	.129	.039	.227	.125	.038	.218	.121	.037	
4.0	.239	.124	.036	.233	.122	.036	.223	.118	.035	.214	.115	.035	.205	.111	.034	
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.200	.106	.031	.192	.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	.088	.026	
8.0	.183	.089	.025	.179	.088	.025	.173	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.080	.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	.123	.123	.123	.070	.070	.070	.023	.023	.023	
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	.073	.064	.053	.043	.021	.017	.014	
3.0	.182	.134	.096	.156	.116	.083	.107	.080	.059	.062	.047	.035	.020	.015	.011	
4.0	.174	.121	.080	.150	.104	.069	.103	.073	.049	.060	.043	.029	.019	.014	.010	
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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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	23.9	25.3	24.2	25.6	25.8
3H	23.6	24.9	23.9	25.2	25.5	24.5	25.8	24.8	26.1	26.3
4H	23.7	24.9	24.0	25.2	25.5	24.6	25.8	24.9	26.1	26.4
6H	23.7	24.9	24.1	25.2	25.5	24.6	25.8	25.0	26.1	26.4
8H	23.7	24.8	24.1	25.2	25.5	24.6	25.7	25.0	26.1	26.4
12H	23.7	24.8	24.1	25.1	25.5	24.6	25.7	25.0	26.0	26.4
4H 2H	23.5	24.7	23.8	25.0	25.3	24.2	25.4	24.5	25.7	26.0
3H	24.1	25.2	24.5	25.6	25.9	24.9	26.0	25.3	26.3	26.7
4H	24.3	25.3	24.7	25.7	26.1	25.1	26.1	25.5	26.5	26.8
6H	24.4	25.3	24.8	25.7	26.1	25.2	26.1	25.6	26.5	26.9
8H	24.4	25.2	24.9	25.6	26.1	25.2	26.0	25.7	26.4	26.9
12H	24.4	25.1	24.9	25.6	26.0	25.2	26.0	25.7	26.4	26.8
8H 4H	24.4	25.2	24.8	25.6	26.0	25.1	25.9	25.6	26.3	26.8
6H	24.5	25.2	25.0	25.6	26.1	25.3	25.9	25.8	26.4	26.9
8H	24.5	25.1	25.0	25.6	26.1	25.3	25.9	25.8	26.4	26.9
12H	24.6	25.1	25.1	25.6	26.1	25.4	25.9	25.9	26.4	26.9
12H 4H	24.3	25.1	24.8	25.5	26.0	25.1	25.8	25.5	26.2	26.7
6H	24.5	25.1	25.0	25.5	26.1	25.3	25.8	25.8	26.3	26.8
8H	24.6	25.1	25.1	25.5	26.1	25.3	25.8	25.8	26.3	26.9

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 / - 0.9
2.0H	+ 0.6 / - 1.0	+ 0.7 / - 1.2

CIE Pub.117, 6955 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.7)
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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 lm		
NAME: PT01-60 50 40 30 20W-TCP	TYPE:	WEIGHT:
SPEC.: 120-277V	DIM.: 0.215*0.29	SERIAL No.:
MFR.:	SUR.: 0.215*0.29	Shielding Angle:

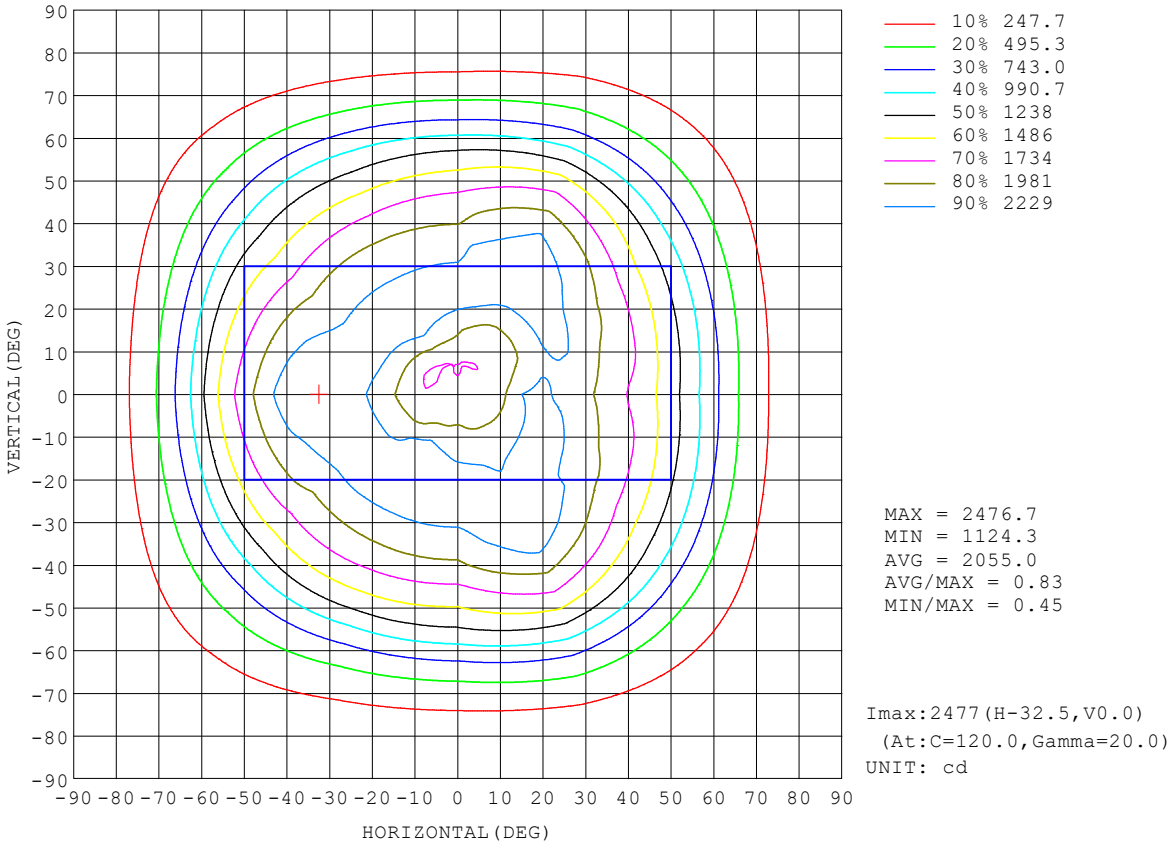
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	57	50	67	56	50	65	55	49	42
1.00	77	66	59	76	66	59	73	67	58	51
1.25	84	74	68	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	84	77	72	64
2.00	96	88	82	94	87	81	90	84	79	72
2.50	100	92	87	98	91	86	94	88	84	75
3.00	103	97	91	101	95	90	96	92	88	79
4.00	107	101	97	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	101	98	95	86
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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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:



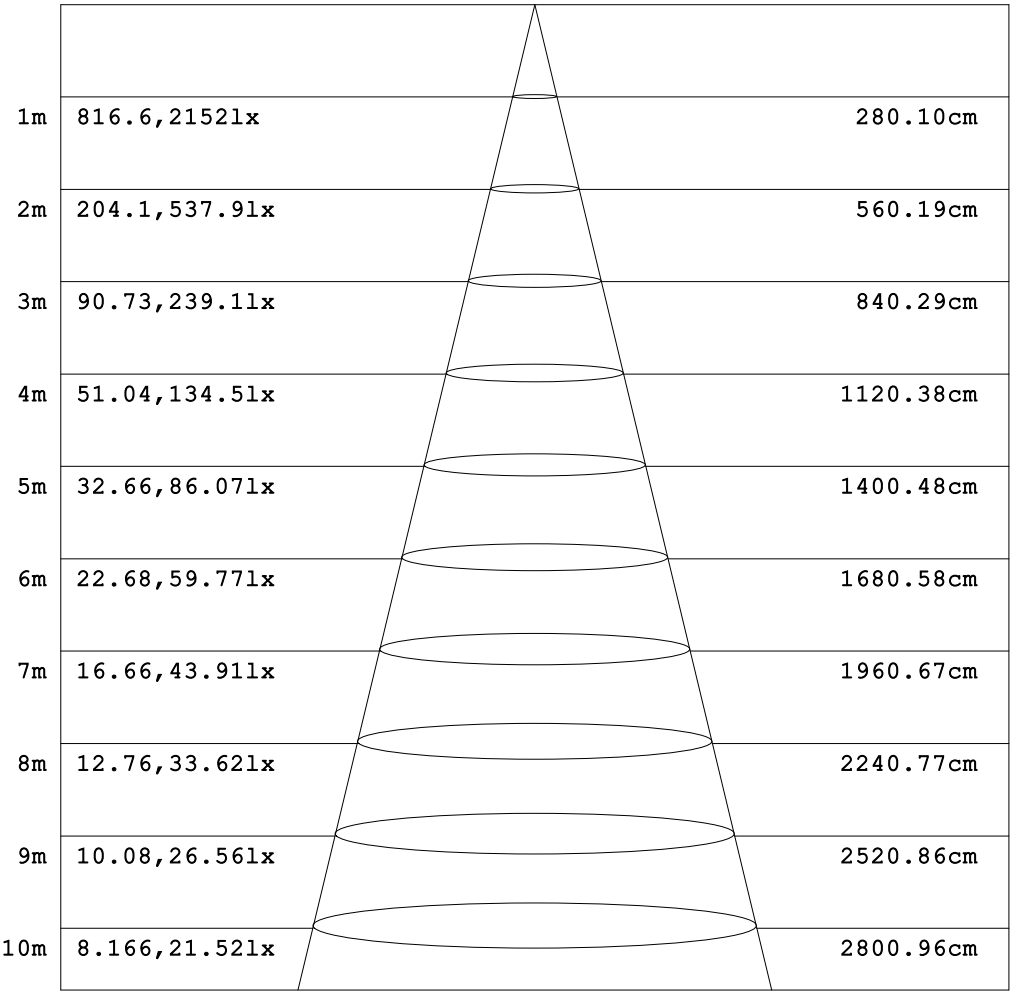
C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:16 October 2026

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:

AAI Figure

Test:U:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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:5232 lm



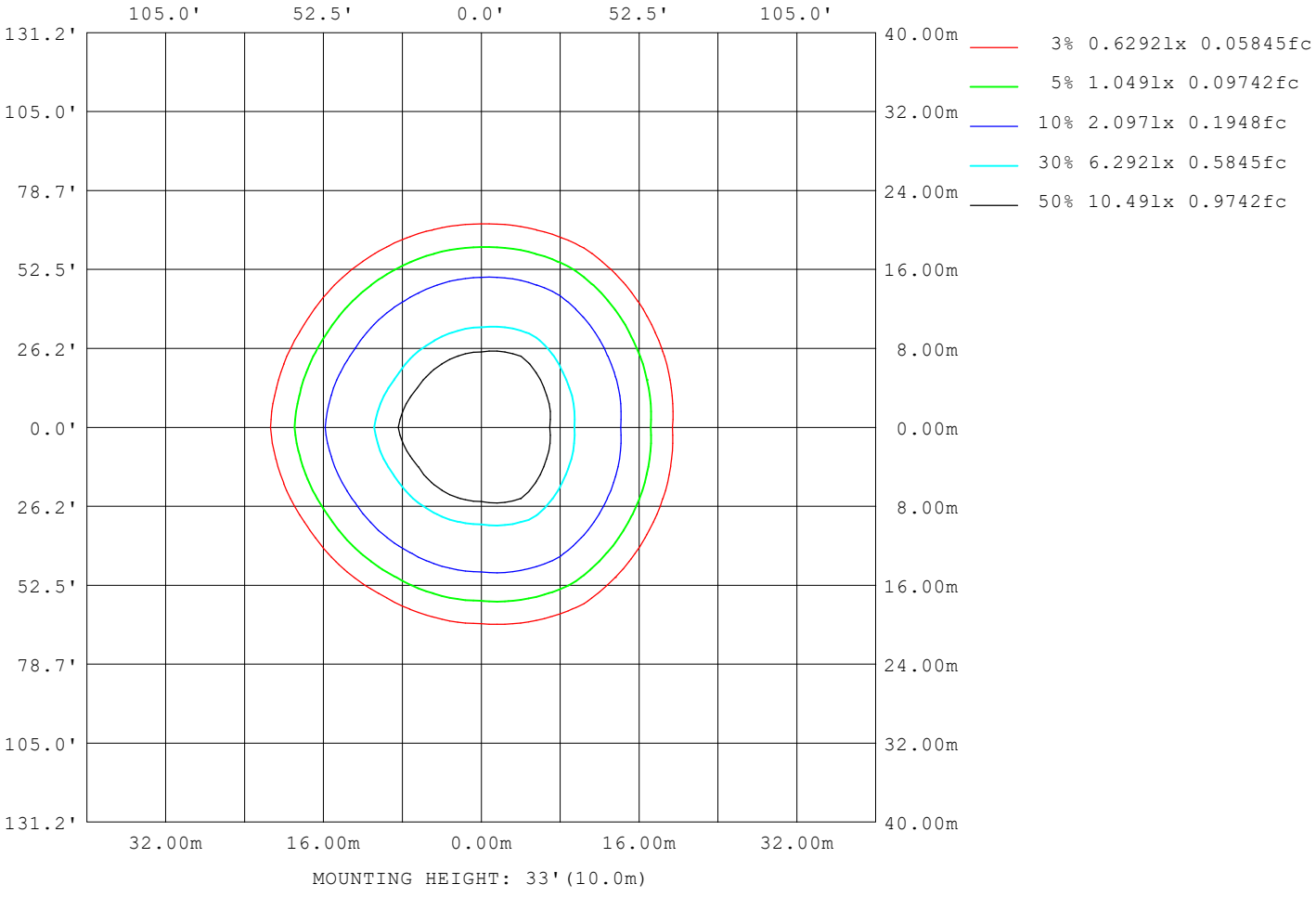
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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:

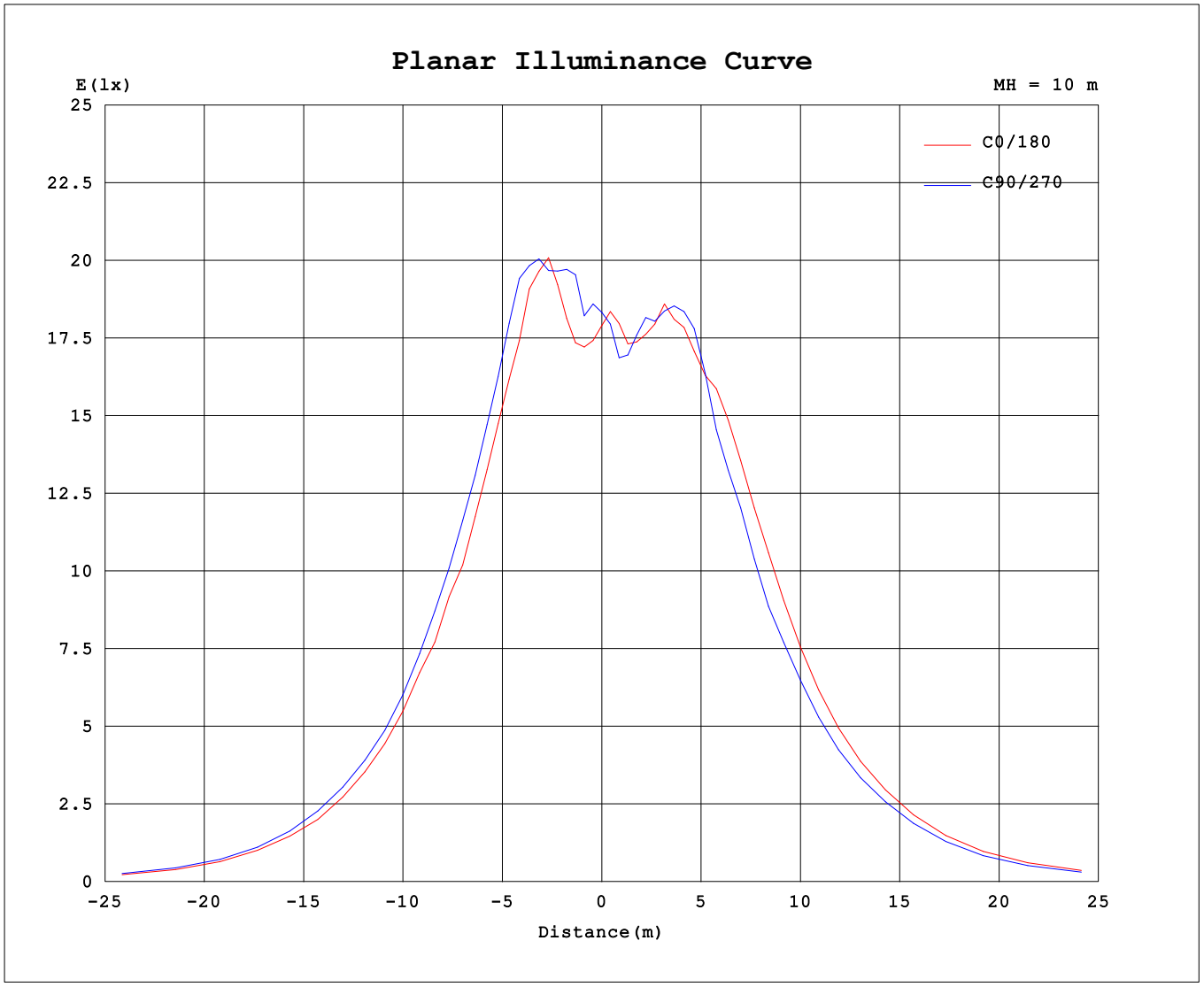
AvgL	cd/m2
L_0~180(65)av	17194
L_0~180(75)av	10431
L_0~180(85)av	7939
L_90~270(65)av	16150
L_90~270(75)av	9735
L_90~270(85)av	7075
L_45(65)av	16793
L_45(75)av	10013
L_45(85)av	7114

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:119.99V I:0.4422A P:52.774W PF:0.9947 Freq:60.01Hz UTHDi:0.31% ITHDi:5.22% KDisp:0.0000 Lamp Flux:6954.69x1 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	1819	1819	1819	1819	1819	1819	1819	1819	1819	1819	1819	1819
5	1769	1787	1730	1829	1987	1819	1847	1726	1740	1694	1905	1810
10	1929	1916	1951	2048	2227	1864	1848	1747	1771	1829	1918	1854
15	2264	2114	2055	2167	2489	2130	2024	2068	2132	1987	1904	1945
20	2337	2327	2148	2373	2552	2290	2218	2262	2323	2218	2244	2117
25	2209	2271	2219	2398	2490	2344	2330	2319	2288	2375	2392	2280
30	2075	2123	2350	2249	2365	2286	2483	2213	2173	2223	2484	2236
35	1886	2016	2351	2101	2211	2144	2506	2077	2062	2173	2512	2086
40	1745	1852	2213	1926	2027	1995	2394	1951	1913	1958	2377	1941
45	1578	1667	1971	1692	1809	1813	2172	1748	1721	1823	2177	1734
50	1354	1447	1700	1464	1563	1580	1897	1519	1492	1590	1895	1487
55	1081	1189	1394	1204	1252	1298	1592	1293	1255	1353	1568	1239
60	823	890	1023	884	903	958	1213	1023	986	1030	1153	924
65	540	584	690	597	610	657	832	708	686	691	784	638
70	344	361	427	375	383	419	531	449	431	439	499	409
75	195	197	236	216	224	242	315	260	256	259	305	239
80	99.1	94.0	121	110	116	126	169	142	129	144	159	132
85	45.3	39.9	47.5	48.3	53.8	61.0	85.3	64.9	63.5	68.1	80.0	60.6
90	24.5	21.2	25.1	21.3	24.0	24.0	34.9	26.6	26.8	25.9	28.6	22.4
95	23.8	22.7	25.2	21.5	24.0	24.3	35.0	26.2	26.2	26.5	28.6	21.8
100	24.2	23.8	25.4	22.4	24.3	24.8	35.1	26.7	26.7	26.9	29.0	22.9
105	24.6	24.4	25.6	23.6	25.0	25.4	34.6	27.4	26.7	27.0	29.3	24.5
110	25.2	24.8	25.6	25.2	25.8	26.1	33.8	27.9	26.8	27.2	29.5	26.1
115	26.0	25.2	25.7	26.8	26.7	26.4	31.8	27.6	27.1	27.4	29.7	27.7
120	26.7	25.6	25.7	27.6	27.5	25.9	29.8	27.2	27.4	27.0	29.8	29.2
125	27.3	26.2	26.2	28.1	28.3	25.9	29.3	27.4	27.6	27.7	30.5	30.3
130	27.8	26.9	27.1	28.3	28.9	26.7	29.7	28.1	27.9	28.4	31.8	31.0
135	28.3	27.8	28.3	28.9	29.7	26.3	30.7	28.9	28.5	29.2	33.3	31.7
140	29.0	28.8	28.0	30.0	30.7	28.4	32.0	30.1	29.5	30.6	34.5	32.6
145	30.1	29.7	29.7	28.2	28.9	29.5	33.1	29.6	31.0	32.3	35.8	34.0
150	31.4	29.9	30.7	29.4	30.0	29.2	30.0	29.2	32.6	34.2	36.7	35.4
155	32.6	30.6	31.6	31.1	32.0	30.3	32.9	33.4	29.7	31.5	37.7	36.7
160	33.9	31.7	31.5	32.1	33.8	31.9	32.4	32.2	31.6	32.6	39.0	37.0
165	34.9	33.0	32.5	33.8	35.5	32.9	33.6	32.4	33.2	36.4	39.0	37.9
170	36.3	34.4	34.0	35.4	36.7	34.5	35.2	33.8	34.4	36.0	39.1	38.1
175	37.3	35.5	35.3	36.3	37.7	35.8	36.6	34.9	35.2	36.4	38.5	36.7
180	37.5	35.7	35.6	36.6	38.2	37.1	37.4	35.7	35.6	36.6	38.2	37.0

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	1819	1819	1819	1819	1819	1819	1819	1819	1819	1819
2.5	1775	1818	1789	1851	1912	1805	1870	1816	1827	1787
5.0	1769	1787	1730	1829	1987	1819	1847	1726	1740	1694
7.5	1809	1868	1857	1990	2025	1882	1805	1611	1669	1728
10.0	1929	1916	1951	2048	2227	1864	1848	1747	1771	1829
12.5	2099	2011	2000	2097	2330	2024	1925	1833	1947	1937
15.0	2264	2114	2055	2167	2489	2130	2024	2068	2132	1987
17.5	2302	2192	2119	2294	2508	2183	2178	2130	2229	2102
20.0	2337	2327	2148	2373	2552	2290	2218	2262	2323	2218
22.5	2245	2321	2208	2444	2536	2400	2299	2351	2340	2311
25.0	2209	2271	2219	2398	2490	2344	2330	2319	2288	2375
27.5	2146	2204	2326	2314	2433	2299	2374	2274	2229	2327
30.0	2075	2123	2350	2249	2365	2286	2483	2213	2173	2223
32.5	1991	2097	2388	2165	2292	2255	2516	2136	2120	2192
35.0	1886	2016	2351	2101	2211	2144	2506	2077	2062	2173
37.5	1867	1958	2288	2008	2123	2047	2449	2035	1992	2066
40.0	1745	1852	2213	1926	2027	1995	2394	1951	1913	1958
42.5	1707	1773	2099	1819	1924	1924	2295	1854	1822	1907
45.0	1578	1667	1971	1692	1809	1813	2172	1748	1721	1823
47.5	1465	1566	1838	1570	1691	1704	2035	1630	1608	1709
50.0	1354	1447	1700	1464	1563	1580	1897	1519	1492	1590
52.5	1231	1316	1555	1342	1420	1452	1747	1408	1373	1475
55.0	1081	1189	1394	1204	1252	1298	1592	1293	1255	1353
57.5	963.6	1049	1208	1045	1071	1124	1412	1166	1130	1206
60.0	823.5	890.0	1023	884.1	902.5	958.1	1213	1023	986.4	1030
62.5	673.8	731.0	846.6	733.9	749.0	799.1	1012	860.4	834.8	850.9
65.0	539.6	583.7	690.0	597.4	609.6	657.3	832.3	707.6	686.2	691.3
67.5	429.4	460.9	548.8	476.7	485.9	530.0	673.3	570.1	551.4	555.6
70.0	344.1	360.9	427.2	375.1	383.4	418.9	531.5	448.9	431.4	438.6
72.5	260.8	278.9	322.3	295.7	296.3	323.1	412.9	346.0	331.6	341.4
75.0	195.0	196.9	236.2	216.4	223.7	241.7	314.8	259.6	256.4	259.3
77.5	147.0	138.2	167.7	158.0	163.3	175.7	233.7	190.7	181.3	192.2
80.0	99.15	93.99	121.1	110.2	116.2	125.6	168.5	142.1	129.5	144.5
82.5	68.37	62.32	74.59	75.67	82.18	89.56	119.6	93.45	90.39	96.73
85.0	45.31	39.88	47.51	48.33	53.78	61.03	85.33	64.88	63.50	68.08
87.5	26.79	22.43	26.68	24.96	28.48	33.95	57.34	43.25	42.85	43.86
90.0	24.54	21.23	25.11	21.27	23.96	23.99	34.92	26.60	26.83	25.89
92.5	23.99	21.99	25.10	21.30	23.92	24.16	34.71	25.86	26.05	26.16
95.0	23.85	22.69	25.18	21.49	23.97	24.35	35.02	26.18	26.25	26.53
97.5	23.86	23.27	25.29	21.87	24.12	24.57	35.09	26.28	26.49	26.71
100.0	24.19	23.76	25.41	22.37	24.35	24.83	35.10	26.69	26.66	26.88
102.5	24.40	24.13	25.48	22.94	24.66	25.13	34.82	26.96	26.71	26.96
105.0	24.63	24.40	25.57	23.61	25.00	25.45	34.61	27.36	26.70	26.98
107.5	24.87	24.63	25.60	24.37	25.41	25.79	34.42	27.71	26.71	27.03
110.0	25.18	24.83	25.64	25.16	25.81	26.09	33.79	27.92	26.79	27.17
112.5	25.57	25.04	25.66	26.07	26.25	26.31	32.52	27.73	26.94	27.27
115.0	25.96	25.22	25.66	26.82	26.67	26.43	31.81	27.56	27.10	27.37
117.5	26.34	25.40	25.66	27.38	27.06	26.26	30.77	27.36	27.24	27.36
120.0	26.70	25.58	25.68	27.62	27.46	25.89	29.82	27.22	27.36	27.02
122.5	27.01	25.84	25.90	27.83	27.88	25.84	29.41	27.21	27.45	27.29
125.0	27.30	26.16	26.24	28.13	28.27	25.94	29.30	27.42	27.58	27.70
127.5	27.53	26.50	26.66	28.32	28.62	26.24	29.46	27.76	27.67	28.10
130.0	27.76	26.93	27.13	28.26	28.89	26.71	29.74	28.13	27.89	28.41
132.5	28.03	27.35	27.67	28.57	29.26	26.72	30.18	28.49	28.16	28.44
135.0	28.32	27.79	28.26	28.95	29.69	26.29	30.72	28.93	28.49	29.18
137.5	28.63	28.26	28.73	29.37	30.17	26.84	31.34	29.49	28.88	29.87
140.0	29.01	28.78	28.05	30.01	30.70	28.43	32.04	30.13	29.49	30.62
142.5	29.46	29.30	28.27	29.86	28.49	28.12	32.73	30.97	30.21	31.44
145.0	30.07	29.71	29.68	28.22	28.91	29.48	33.11	29.58	31.02	32.29
147.5	30.86	29.76	30.17	28.75	29.27	29.16	32.23	27.91	31.84	33.23
150.0	31.45	29.86	30.68	29.44	30.04	29.20	30.01	29.23	32.63	34.17
152.5	31.73	30.31	29.95	30.96	30.91	29.81	30.48	33.25	32.05	35.02
155.0	32.60	30.59	31.61	31.11	31.97	30.25	32.86	33.35	29.72	31.50
157.5	33.23	31.23	31.10	31.22	33.02	31.10	32.21	31.52	30.70	31.79
160.0	33.91	31.69	31.47	32.09	33.84	31.86	32.39	32.18	31.62	32.63
162.5	34.74	32.26	31.82	32.96	34.57	32.26	32.98	31.93	32.41	34.13
165.0	34.95	33.01	32.52	33.79	35.52	32.88	33.56	32.37	33.17	36.36
167.5	35.56	33.87	33.31	34.59	36.30	33.70	34.38	33.10	34.00	37.92
170.0	36.29	34.42	34.00	35.41	36.66	34.50	35.19	33.78	34.39	36.04
172.5	37.06	35.04	34.69	36.01	37.23	35.21	35.96	34.39	34.87	36.67
175.0	37.32	35.51	35.31	36.26	37.72	35.80	36.62	34.88	35.22	36.39
177.5	37.45	35.72	35.60	36.53	38.03	36.34	37.18	35.25	35.47	36.50
180.0	37.47	35.72	35.60	36.62	38.20	37.08	37.45	35.71	35.57	36.64

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	1819	1819
2.5	1854	1779
5.0	1905	1810
7.5	1772	1811
10.0	1918	1854
12.5	1998	1855
15.0	1904	1945
17.5	2011	2029
20.0	2244	2117
22.5	2286	2235
25.0	2392	2280
27.5	2406	2307
30.0	2484	2236
32.5	2524	2153
35.0	2512	2086
37.5	2447	2020
40.0	2377	1941
42.5	2300	1852
45.0	2177	1734
47.5	2038	1607
50.0	1895	1487
52.5	1741	1372
55.0	1568	1239
57.5	1364	1083
60.0	1153	924.2
62.5	956.2	776.4
65.0	784.3	638.0
67.5	632.6	515.9
70.0	499.3	408.8
72.5	389.9	317.2
75.0	305.2	239.4
77.5	220.6	175.7
80.0	159.0	132.0
82.5	113.6	88.42
85.0	79.98	60.56
87.5	49.29	34.79
90.0	28.62	22.40
92.5	28.53	21.87
95.0	28.64	21.85
97.5	28.88	22.29
100.0	29.04	22.92
102.5	29.12	23.80
105.0	29.32	24.53
107.5	29.42	25.28
110.0	29.52	26.05
112.5	29.60	26.79
115.0	29.68	27.67
117.5	29.72	28.48
120.0	29.81	29.16
122.5	30.08	29.72
125.0	30.51	30.34
127.5	31.13	30.61
130.0	31.84	30.99
132.5	32.52	31.24
135.0	33.27	31.68
137.5	33.88	32.14
140.0	34.55	32.64
142.5	35.21	33.27
145.0	35.84	33.99
147.5	36.34	34.67
150.0	36.70	35.41
152.5	37.24	36.09
155.0	37.65	36.72
157.5	38.38	37.64
160.0	39.05	36.96
162.5	38.61	37.48
165.0	38.99	37.89
167.5	39.77	37.97
170.0	39.13	38.13
172.5	38.06	36.94
175.0	38.48	36.70
177.5	38.34	36.99
180.0	38.25	37.04

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: