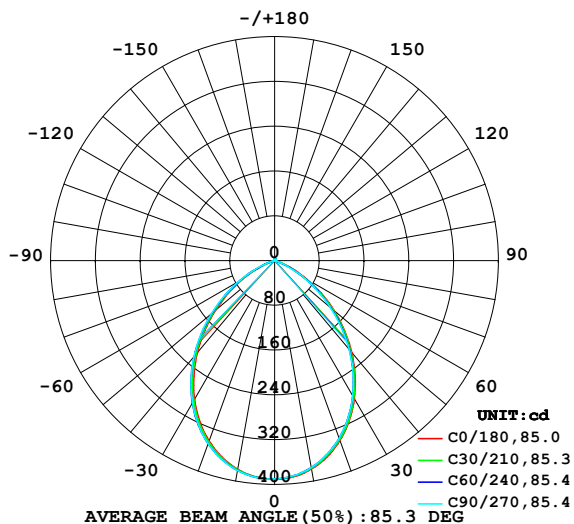


LUMINAIRE PHOTOMETRIC TEST REPORT

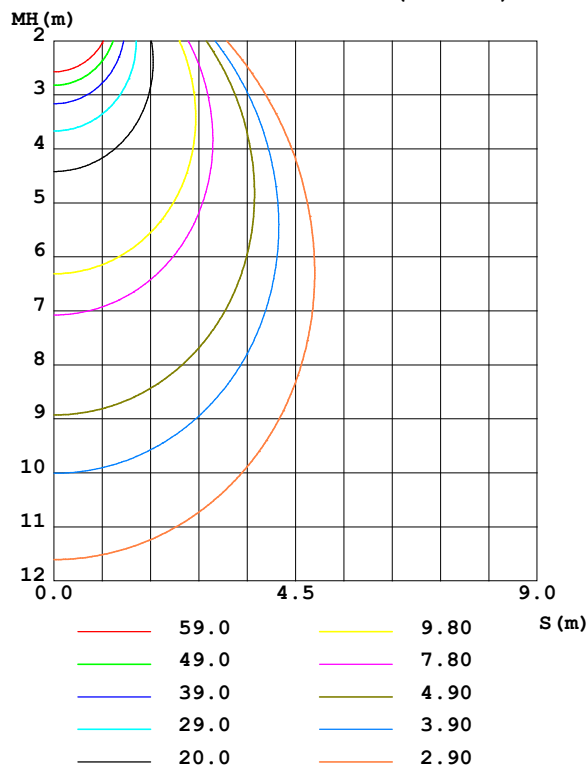
Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 70.00 lm/W
MODEL	XL-1002-S10W	I _{max} (cd)	390.8	S/MH(C0/180)	1.11	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.14	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	710.56	η UP,DN(C0-180)	0.4,48.2	
NOMINAL FLUX(lm)	710.556	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,51.1	
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	230	η down (%)	99.3	CIBSE SHR MAX	1.15	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [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	378.3	376.5	375.8	376.4	378.7	380.2	381.0	380.5	0- 10	36.70	36.70	5.16,5.16
20	341.7	338.8	337.6	338.1	343.0	346.4	347.8	346.6	10- 20	102.1	138.8	19.5,19.5
30	284.9	281.1	279.3	279.4	286.3	291.8	293.7	292.1	20- 30	145.4	284.2	40,40
40	214.3	210.1	207.2	206.7	215.0	221.5	224.2	222.7	30- 40	157.1	441.3	62.1,62.1
50	138.6	133.7	130.0	129.4	137.8	143.7	147.3	146.5	40- 50	136.1	577.5	81.3,81.3
60	66.60	61.19	58.19	58.15	64.75	69.48	72.55	72.35	50- 60	90.03	667.5	93.9,93.9
70	12.08	9.435	7.934	8.400	10.94	13.96	14.93	14.93	60- 70	35.28	702.8	98.9,98.9
80	0.1011	0.0423	0.0056	0.0425	0	0.0816	0.1139	0.0787	70- 80	2.724	705.5	99.3,99.3
90	0	0.0085	0.0226	0.0113	0	0	0	0	80- 90	0.0114	705.5	99.3,99.3
100	0.0840	0.1318	0.1686	0.1376	0.1012	0.0535	0.0167	0.0506	90-100	0.0390	705.5	99.3,99.3
110	0.3196	0.3736	0.4100	0.3903	0.2977	0.2528	0.2074	0.2387	100-110	0.2037	705.7	99.3,99.3
120	0.6510	0.7045	0.7580	0.7272	0.5964	0.5471	0.5106	0.5247	110-120	0.4566	706.2	99.4,99.4
130	1.044	1.100	1.141	1.112	0.9668	0.8896	0.8863	0.8702	120-130	0.7232	706.9	99.5,99.5
140	1.442	1.488	1.540	1.519	1.342	1.266	1.235	1.255	130-140	0.9169	707.8	99.6,99.6
150	1.801	1.842	1.915	1.878	1.729	1.651	1.616	1.642	140-150	0.9835	708.8	99.8,99.8
160	2.111	2.148	2.224	2.184	2.066	1.999	1.959	1.982	150-160	0.8865	709.7	99.9,99.9
170	2.336	2.375	2.409	2.400	2.330	2.285	2.229	2.268	160-170	0.6248	710.3	100,100
180	2.420	2.431	2.420	2.440	2.425	2.434	2.420	2.434	170-180	0.2270	710.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz

Lamp Flux:710.556x1 lm

NAME:

TYPE: 2700K

WEIGHT:

SPEC.:

DIM.:

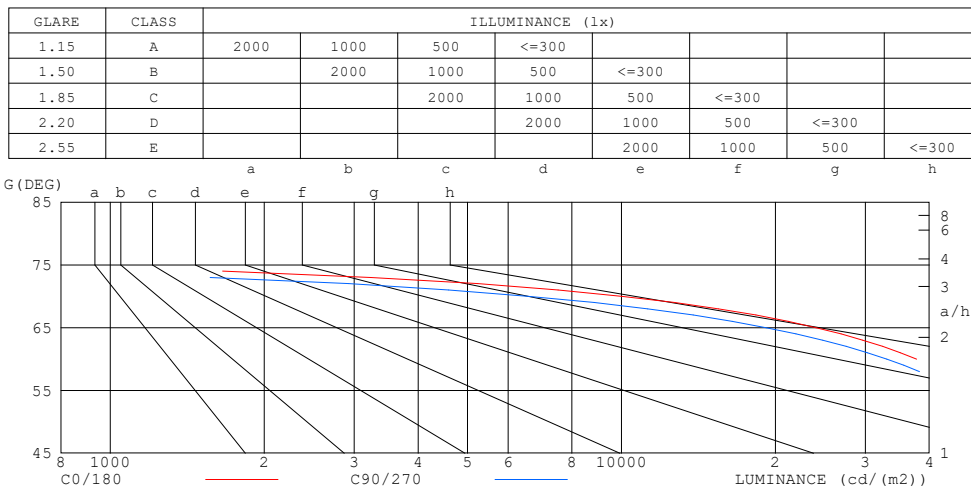
SERIAL No.:

MFR.:

SUR.: D67

Shielding Angle:

LUMINANCE LIMITATION CURVES



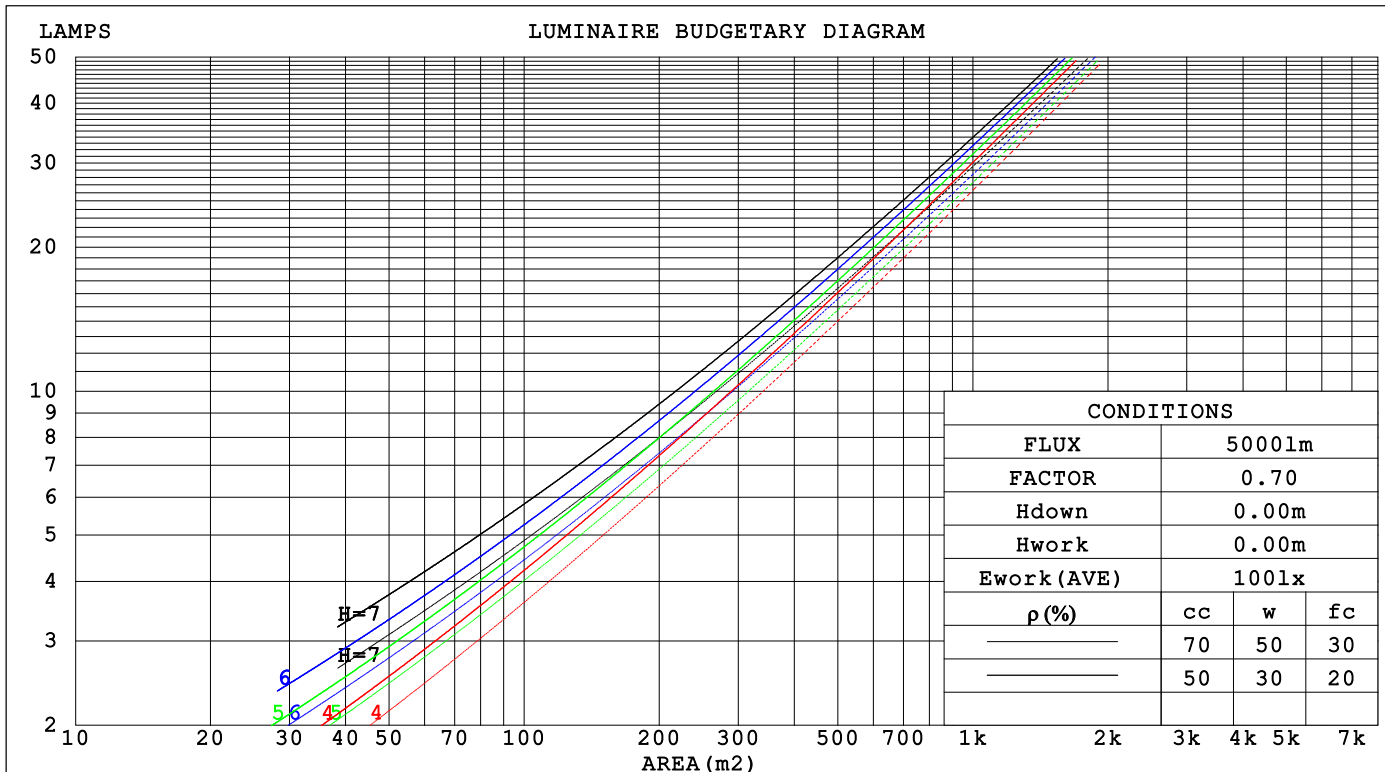
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.97	.96	.94	.94	.92	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.80	.79
3.0	.88	.81	.76	.86	.80	.75	.83	.78	.74	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.70	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.59	.71	.64	.58	.69	.62	.58	.67	.61	.57	.65	.60	.56	.54
6.0	.66	.58	.52	.65	.57	.52	.63	.56	.52	.61	.55	.51	.60	.55	.51	.49
7.0	.60	.52	.47	.59	.52	.47	.58	.51	.46	.56	.50	.46	.55	.50	.46	.44
8.0	.55	.48	.42	.55	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.47	.42	.38	.36
10.0	.47	.40	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.35	.33



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm					
NAME:		TYPE: 2700K		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.: D67		Shielding Angle:	

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.229	.130	.041	.222	.126	.040	.208	.120	.038	.196	.113	.036	.185	.107	.035		
2.0	.225	.124	.038	.219	.121	.037	.208	.116	.036	.197	.111	.035	.187	.106	.033		
3.0	.216	.115	.034	.211	.113	.034	.201	.109	.033	.192	.105	.032	.183	.101	.031		
4.0	.205	.107	.031	.201	.105	.031	.192	.102	.030	.184	.099	.030	.176	.096	.029		
5.0	.195	.099	.029	.190	.098	.028	.182	.095	.028	.175	.092	.027	.168	.090	.027		
6.0	.184	.092	.026	.180	.091	.026	.173	.089	.026	.167	.087	.025	.160	.084	.025		
7.0	.174	.086	.024	.171	.085	.024	.164	.083	.024	.158	.081	.024	.153	.079	.023		
8.0	.165	.080	.023	.162	.080	.022	.156	.078	.022	.151	.076	.022	.146	.075	.022		
9.0	.156	.075	.021	.153	.075	.021	.148	.073	.021	.143	.072	.021	.139	.070	.020		
10.0	.148	.071	.020	.146	.070	.020	.141	.069	.019	.137	.068	.019	.132	.067	.019		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.180	.162	.146	.154	.139	.126	.105	.096	.087	.061	.055	.051	.019	.018	.016		
2.0	.169	.138	.112	.145	.119	.096	.099	.082	.067	.057	.048	.039	.018	.015	.013		
3.0	.160	.119	.087	.137	.103	.076	.094	.072	.053	.054	.042	.031	.017	.014	.010		
4.0	.152	.106	.070	.130	.091	.061	.089	.064	.043	.052	.037	.025	.017	.012	.008		
5.0	.144	.095	.058	.124	.082	.051	.085	.057	.036	.049	.034	.021	.016	.011	.007		
6.0	.138	.086	.049	.118	.075	.043	.082	.052	.030	.047	.031	.018	.015	.010	.006		
7.0	.132	.079	.042	.113	.069	.037	.078	.048	.026	.045	.028	.016	.015	.009	.005		
8.0	.126	.073	.037	.108	.063	.032	.075	.045	.023	.044	.026	.014	.014	.009	.005		
9.0	.120	.068	.033	.104	.059	.029	.072	.042	.020	.042	.025	.012	.014	.008	.004		
10.0	.115	.064	.030	.100	.056	.026	.069	.039	.018	.040	.023	.011	.013	.008	.004		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm											
NAME:					TYPE: 2700K			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: D67			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		26.8	28.1	27.1	28.3	28.5	26.5	27.8	26.7	28.0	28.2
3H		26.9	28.0	27.2	28.3	28.5	26.5	27.6	26.7	27.8	28.1
4H		26.8	27.9	27.1	28.1	28.4	26.4	27.5	26.7	27.7	28.0
6H		26.7	27.7	27.0	28.0	28.3	26.3	27.3	26.6	27.5	27.8
8H		26.6	27.6	27.0	27.9	28.2	26.2	27.2	26.5	27.5	27.8
12H		26.6	27.5	26.9	27.8	28.1	26.2	27.1	26.5	27.4	27.7
4H 2H		26.9	28.0	27.2	28.2	28.5	26.6	27.7	26.9	27.9	28.2
3H		26.9	27.9	27.3	28.2	28.5	26.5	27.5	26.9	27.8	28.1
4H		26.8	27.7	27.2	28.0	28.4	26.4	27.3	26.8	27.6	28.0
6H		26.8	27.5	27.1	27.9	28.2	26.4	27.1	26.8	27.5	27.8
8H		26.7	27.4	27.1	27.8	28.2	26.3	27.0	26.7	27.4	27.8
12H		26.7	27.3	27.1	27.7	28.1	26.3	26.9	26.7	27.3	27.7
8H 4H		26.7	27.4	27.1	27.8	28.2	26.3	27.0	26.7	27.4	27.8
6H		26.6	27.2	27.1	27.6	28.0	26.2	26.8	26.7	27.2	27.6
8H		26.6	27.1	27.0	27.5	28.0	26.2	26.7	26.6	27.1	27.6
12H		26.5	26.9	27.0	27.4	27.9	26.1	26.6	26.6	27.0	27.5
12H 4H		26.7	27.3	27.1	27.7	28.1	26.3	26.9	26.7	27.3	27.7
6H		26.6	27.1	27.0	27.5	28.0	26.2	26.7	26.6	27.1	27.6
8H		26.5	26.9	27.0	27.4	27.9	26.1	26.6	26.6	27.0	27.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.9 / - 1.3					+ 1.0 / - 1.5				
1.5H		+ 0.5 / - 0.7					+ 0.4 / - 0.6				
2.0H		+ 1.8 / - 2.9					+ 1.9 / - 3.1				

CIE Pub.117, 710.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.2)
Area: 0.003524 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

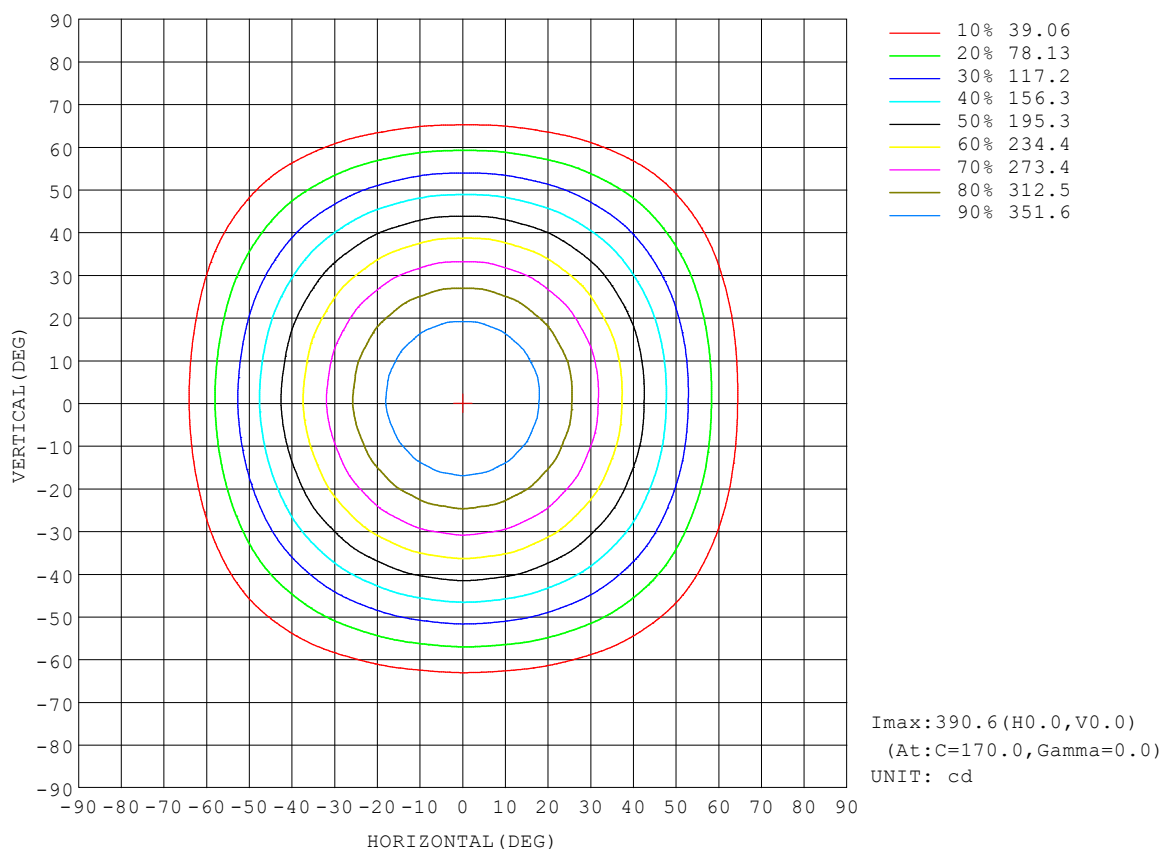
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	57	51	46
0.80	77	68	62	77	68	62	75	67	61	56
1.00	86	77	71	85	76	71	82	77	70	64
1.25	92	84	79	91	83	78	88	82	77	71
1.50	96	89	84	95	88	83	92	86	82	76
2.00	102	96	91	100	94	90	97	92	88	82
2.50	105	99	94	103	98	94	99	95	92	84
3.00	107	102	98	105	101	97	101	98	95	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	100	92
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.910m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

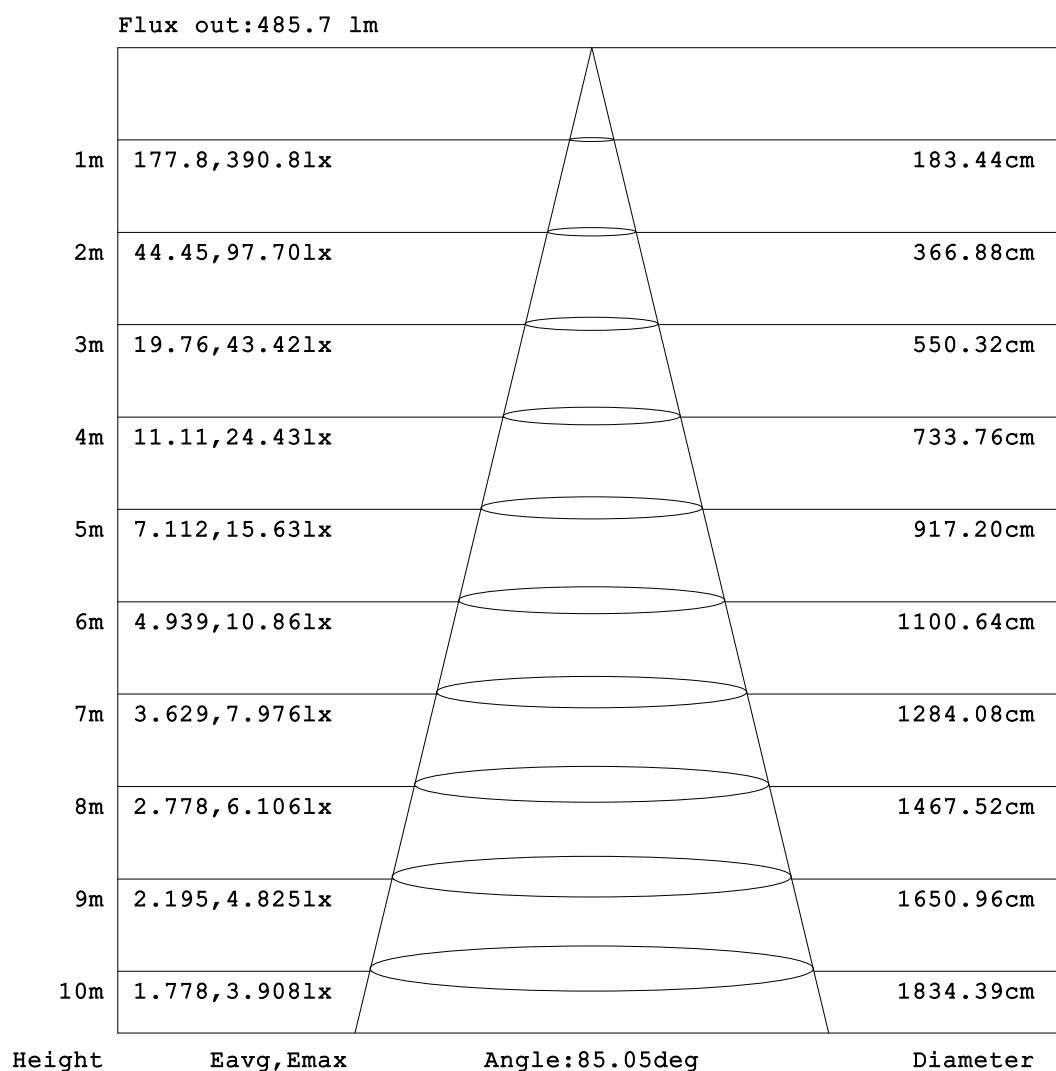


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:



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

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

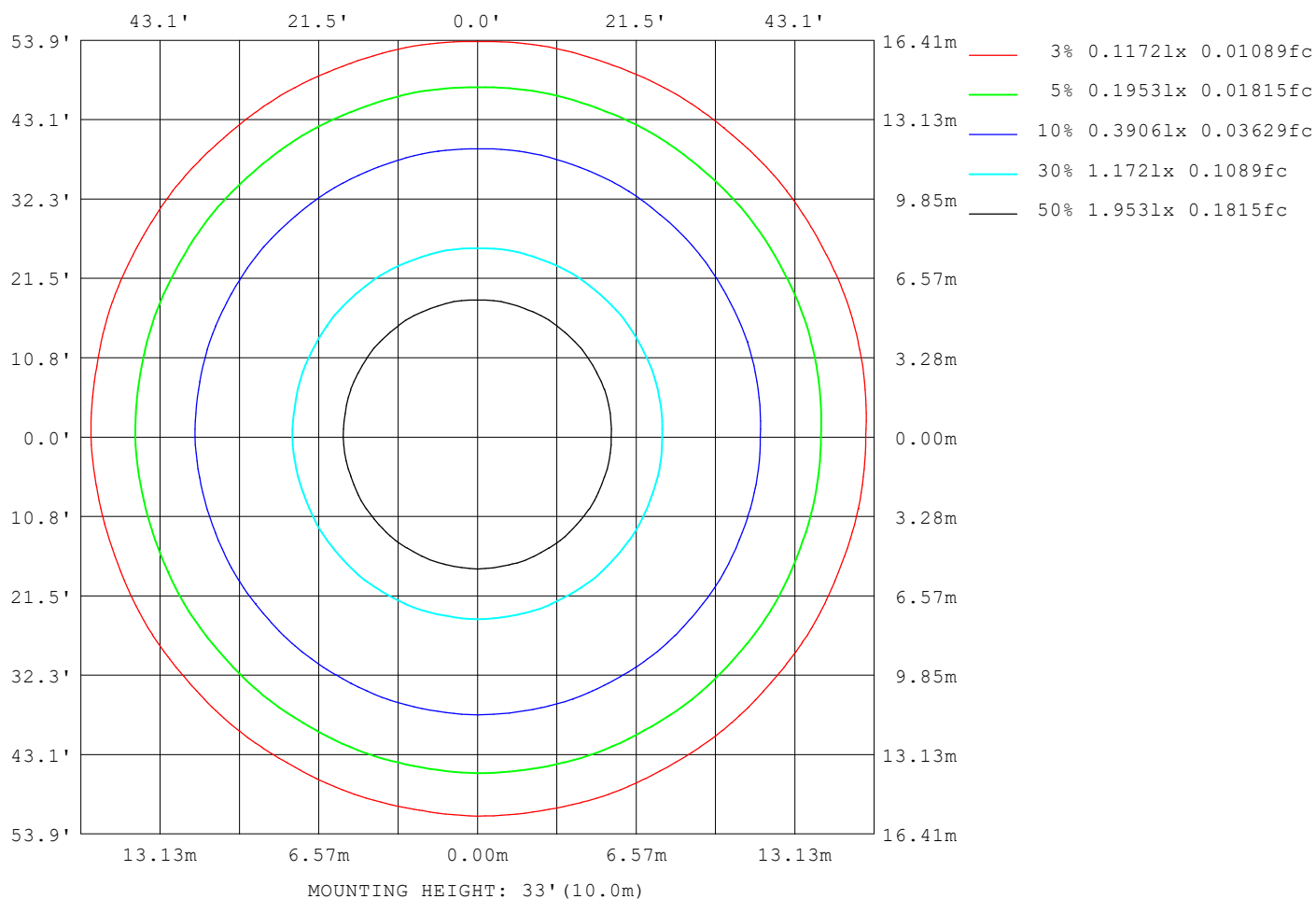
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

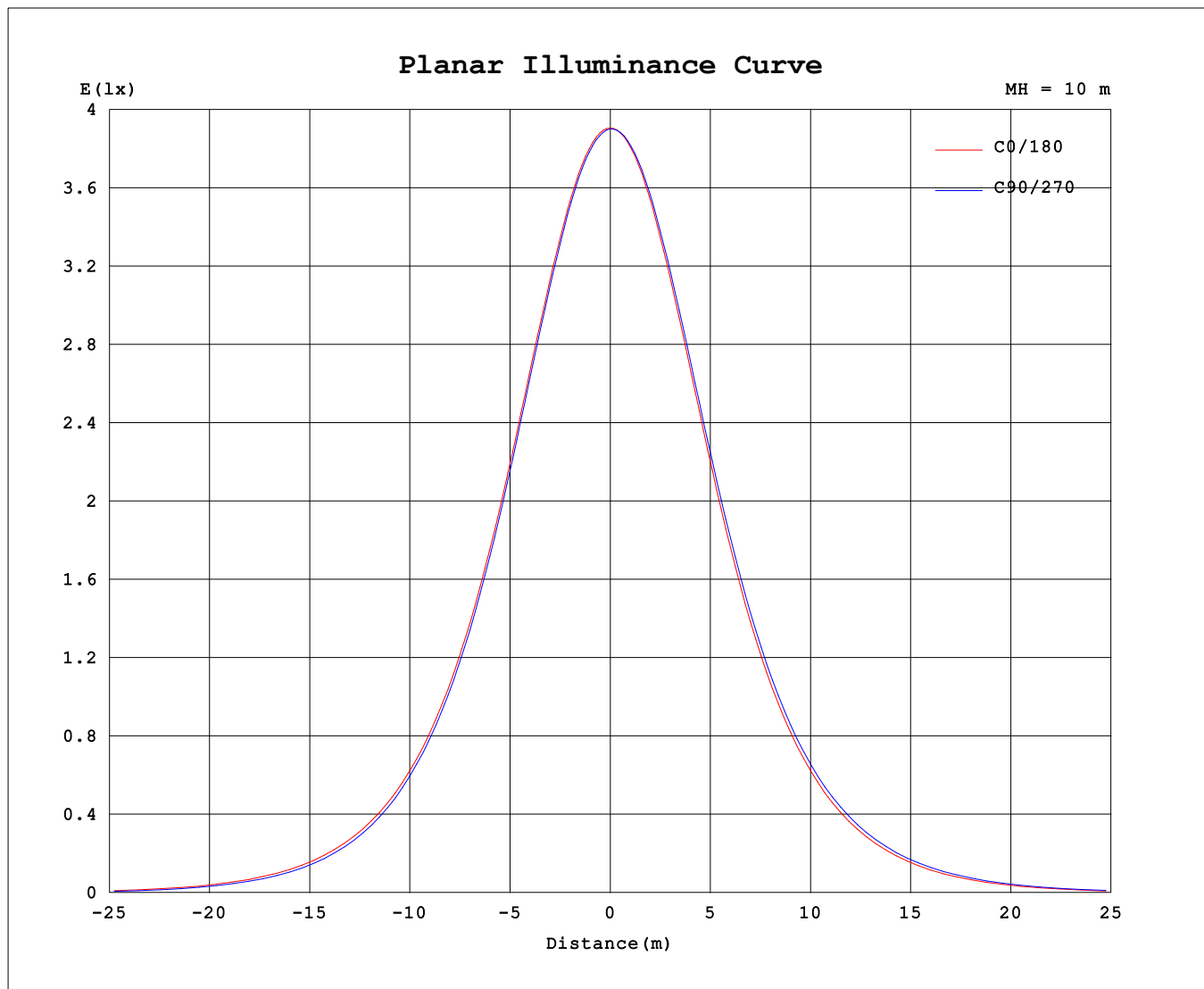
AvgL	cd/m2
L_0~180 (65) av	23409
L_0~180 (75) av	504
L_0~180 (85) av	19
L_90~270 (65) av	23064
L_90~270 (75) av	864
L_90~270 (85) av	1
L_45 (65) av	23189
L_45 (75) av	847
L_45 (85) av	4

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators: CAM
 Test Date: 31 July 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 8.910m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm																		
NAME:									TYPE: 2700K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.: D67					Shielding Angle:				

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	391	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	391	391	391
5	388	387	387	387	386	386	386	386	386	386	386	386	386	386	386	387	387	388	388
10	378	378	377	377	376	376	376	376	376	376	375	376	376	376	376	377	377	378	379
15	363	363	361	361	360	360	360	360	359	359	359	359	359	360	360	361	361	362	364
20	342	342	340	340	339	339	338	338	337	338	337	338	337	338	338	339	339	341	343
25	316	316	314	314	312	313	311	311	310	311	309	311	310	311	311	313	312	315	317
30	285	285	283	283	281	282	279	280	278	279	278	279	278	280	279	281	281	284	286
35	251	251	248	249	247	247	245	246	244	244	243	244	243	245	244	246	246	249	252
40	214	214	212	212	210	210	208	209	207	207	205	207	205	207	206	209	209	212	215
45	176	176	174	174	172	172	170	170	168	169	167	168	167	168	168	170	170	173	176
50	139	138	136	136	134	134	132	132	130	130	129	129	128	129	129	131	132	135	138
55	101	101	98.8	98.3	96.3	95.9	94.3	94.2	92.7	92.7	91.3	91.6	91.1	92.1	92.3	94.1	94.9	97.0	100
60	66.6	65.9	63.9	63.3	61.3	61.0	59.6	59.5	58.1	58.2	57.0	57.3	56.9	58.1	58.2	59.9	60.2	62.0	64.7
65	35.8	35.2	33.4	32.8	31.2	30.9	29.7	29.4	28.4	28.6	28.0	28.5	28.1	29.0	29.1	30.2	30.4	31.7	33.9
70	12.1	11.9	11.0	10.7	9.63	9.24	8.28	8.15	7.65	7.93	7.77	8.32	8.17	8.53	8.27	8.77	8.76	9.56	10.9
75	0.60	0.58	0.50	0.43	0.43	0.37	0.39	0.34	0.37	0.33	0.37	0.34	0.38	0.35	0.39	0.37	0.32	0.18	0.32
80	0.10	0.03	0.08	0.02	0.08	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.07	0.00	0.03	0.00	0.00
85	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
90	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.01	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00
95	0.01	0.06	0.02	0.07	0.02	0.07	0.02	0.07	0.02	0.08	0.02	0.08	0.02	0.08	0.03	0.08	0.02	0.08	0.04
100	0.08	0.14	0.09	0.15	0.11	0.16	0.10	0.15	0.10	0.17	0.11	0.17	0.11	0.16	0.11	0.16	0.10	0.16	0.10
105	0.19	0.25	0.20	0.25	0.21	0.26	0.21	0.28	0.22	0.28	0.22	0.28	0.22	0.27	0.22	0.27	0.22	0.26	0.19
110	0.32	0.38	0.33	0.38	0.35	0.40	0.35	0.40	0.36	0.41	0.36	0.42	0.36	0.42	0.36	0.40	0.35	0.40	0.30
115	0.48	0.54	0.49	0.55	0.50	0.56	0.52	0.57	0.52	0.57	0.52	0.57	0.53	0.57	0.52	0.56	0.50	0.56	0.44
120	0.65	0.71	0.66	0.72	0.67	0.74	0.69	0.75	0.70	0.76	0.70	0.75	0.70	0.75	0.70	0.75	0.70	0.74	0.60
125	0.85	0.89	0.85	0.92	0.87	0.92	0.89	0.94	0.89	0.95	0.90	0.95	0.90	0.94	0.90	0.94	0.89	0.94	0.78
130	1.04	1.10	1.05	1.11	1.07	1.13	1.08	1.13	1.08	1.14	1.09	1.14	1.09	1.14	1.08	1.14	1.09	1.13	0.97
135	1.24	1.29	1.25	1.31	1.26	1.33	1.27	1.33	1.29	1.34	1.29	1.34	1.29	1.34	1.28	1.34	1.29	1.33	1.15
140	1.44	1.50	1.44	1.51	1.46	1.51	1.47	1.53	1.48	1.54	1.49	1.54	1.49	1.54	1.49	1.53	1.48	1.54	1.34
145	1.63	1.69	1.63	1.69	1.64	1.71	1.66	1.72	1.67	1.74	1.69	1.74	1.68	1.74	1.68	1.73	1.67	1.73	1.54
150	1.80	1.85	1.80	1.86	1.81	1.88	1.82	1.90	1.85	1.91	1.86	1.91	1.85	1.90	1.85	1.90	1.85	1.90	1.73
155	1.97	2.02	1.96	2.02	1.97	2.03	1.98	2.06	2.01	2.07	2.02	2.07	2.01	2.07	2.02	2.07	2.02	2.07	1.89
160	2.11	2.17	2.11	2.17	2.11	2.18	2.13	2.21	2.15	2.22	2.16	2.22	2.17	2.22	2.15	2.21	2.16	2.22	2.07
165	2.24	2.29	2.23	2.29	2.23	2.31	2.26	2.32	2.27	2.33	2.28	2.32	2.27	2.33	2.28	2.34	2.29	2.35	2.22
170	2.34	2.40	2.34	2.40	2.34	2.41	2.35	2.41	2.34	2.41	2.35	2.42	2.36	2.43	2.37	2.44	2.39	2.43	2.33
175	2.40	2.43	2.41	2.43	2.40	2.44	2.41	2.43	2.40	2.43	2.41	2.43	2.43	2.44	2.43	2.44	2.43	2.43	2.42
180	2.42	2.43	2.42	2.43	2.43	2.43	2.43	2.43	2.42	2.42	2.43	2.43	2.43	2.44	2.44	2.44	2.43	2.43	2.43

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.21V I:0.0850A P:10.151W PF:0.5185 Freq:60.00Hz Lamp Flux:710.556x1 lm																	
NAME:									TYPE: 2700K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D67						Shielding Angle:		

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	391	391		
5	388	388	388	388	388	388	388	389	389	389	389	389	388	389	388	388	388		
10	379	379	380	380	380	381	381	381	381	381	381	381	381	381	380	380	379		
15	364	365	365	366	366	367	367	368	367	368	367	367	366	366	365	365	364		
20	343	345	345	346	346	348	347	348	348	348	347	348	346	347	345	345	344		
25	317	319	319	322	321	323	323	324	323	324	323	323	321	322	320	320	318		
30	286	289	289	292	292	294	293	295	294	295	293	294	292	292	290	290	288		
35	252	255	255	258	258	260	260	262	260	262	260	261	259	259	256	256	254		
40	215	218	219	222	221	224	223	225	224	226	224	225	223	223	220	220	217		
45	177	180	180	183	183	185	185	187	186	188	186	187	185	185	182	182	179		
50	139	141	141	144	144	146	146	148	147	148	148	148	147	146	144	144	142		
55	101	103	103	105	106	108	108	109	109	110	109	110	108	109	107	106	104		
60	65.3	67.2	67.6	69.3	69.6	71.4	71.6	73.0	72.5	73.3	72.6	73.2	72.2	72.5	71.1	71.0	69.4		
65	34.4	36.0	36.4	37.9	38.1	39.4	39.4	40.4	40.1	40.9	40.2	40.6	39.8	40.1	39.2	39.3	38.2		
70	11.3	12.4	12.7	13.9	14.0	14.8	14.6	15.2	14.9	15.5	15.1	15.5	14.8	15.1	14.3	14.3	13.5		
75	0.50	0.68	0.72	0.99	1.01	1.22	1.17	1.36	1.25	1.43	1.29	1.46	1.28	1.34	1.10	1.07	0.81		
80	0.08	0.04	0.10	0.05	0.11	0.06	0.11	0.06	0.11	0.05	0.11	0.06	0.11	0.05	0.11	0.04	0.10		
85	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00		
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
95	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00		
100	0.03	0.10	0.03	0.08	0.02	0.07	0.02	0.08	0.02	0.07	0.02	0.08	0.02	0.08	0.03	0.08	0.03		
105	0.12	0.17	0.12	0.17	0.12	0.17	0.11	0.15	0.11	0.15	0.10	0.16	0.11	0.16	0.11	0.16	0.12		
110	0.24	0.29	0.22	0.28	0.23	0.28	0.21	0.26	0.21	0.26	0.21	0.26	0.21	0.27	0.22	0.28	0.22		
115	0.38	0.43	0.36	0.42	0.36	0.41	0.35	0.40	0.35	0.40	0.35	0.39	0.35	0.40	0.36	0.42	0.37		
120	0.53	0.58	0.53	0.58	0.52	0.56	0.50	0.55	0.51	0.55	0.49	0.55	0.49	0.56	0.50	0.56	0.52		
125	0.71	0.76	0.70	0.74	0.68	0.73	0.67	0.75	0.71	0.72	0.66	0.71	0.67	0.73	0.68	0.74	0.70		
130	0.90	0.93	0.88	0.92	0.86	0.90	0.85	0.91	0.89	0.90	0.84	0.89	0.85	0.89	0.86	0.93	0.88		
135	1.08	1.12	1.06	1.11	1.06	1.10	1.04	1.10	1.05	1.09	1.03	1.08	1.03	1.10	1.05	1.10	1.07		
140	1.27	1.31	1.25	1.30	1.23	1.29	1.22	1.28	1.24	1.27	1.21	1.27	1.22	1.29	1.24	1.30	1.26		
145	1.46	1.51	1.44	1.49	1.43	1.48	1.42	1.47	1.42	1.46	1.40	1.47	1.42	1.48	1.43	1.49	1.45		
150	1.66	1.70	1.63	1.68	1.62	1.67	1.61	1.67	1.62	1.66	1.61	1.66	1.61	1.67	1.62	1.68	1.64		
155	1.83	1.88	1.81	1.86	1.80	1.85	1.79	1.85	1.78	1.84	1.78	1.84	1.78	1.84	1.80	1.86	1.82		
160	1.99	2.05	1.98	2.03	1.97	2.02	1.96	2.02	1.96	2.01	1.95	2.01	1.95	2.01	1.96	2.03	1.98		
165	2.16	2.21	2.14	2.18	2.13	2.18	2.12	2.18	2.12	2.16	2.11	2.16	2.11	2.17	2.12	2.18	2.14		
170	2.28	2.32	2.26	2.32	2.25	2.29	2.23	2.29	2.23	2.30	2.24	2.29	2.24	2.30	2.25	2.31	2.26		
175	2.36	2.42	2.36	2.43	2.35	2.40	2.35	2.39	2.34	2.39	2.35	2.41	2.35	2.40	2.35	2.42	2.35		
180	2.42	2.42	2.43	2.44	2.43	2.43	2.42	2.43	2.42	2.43	2.42	2.43	2.43	2.44	2.43	2.43	2.42		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks: