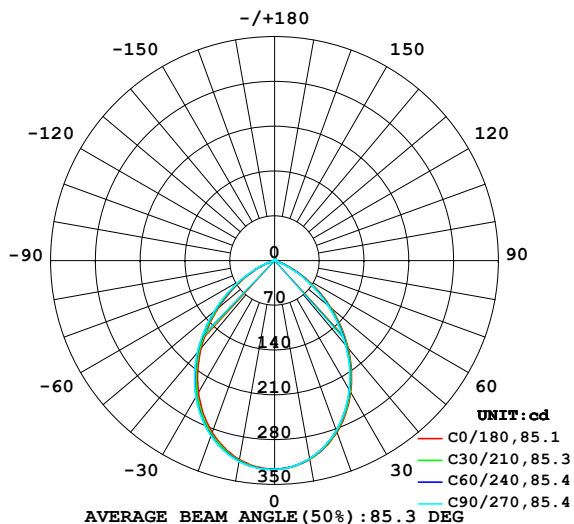


LUMINAIRE PHOTOMETRIC TEST REPORT

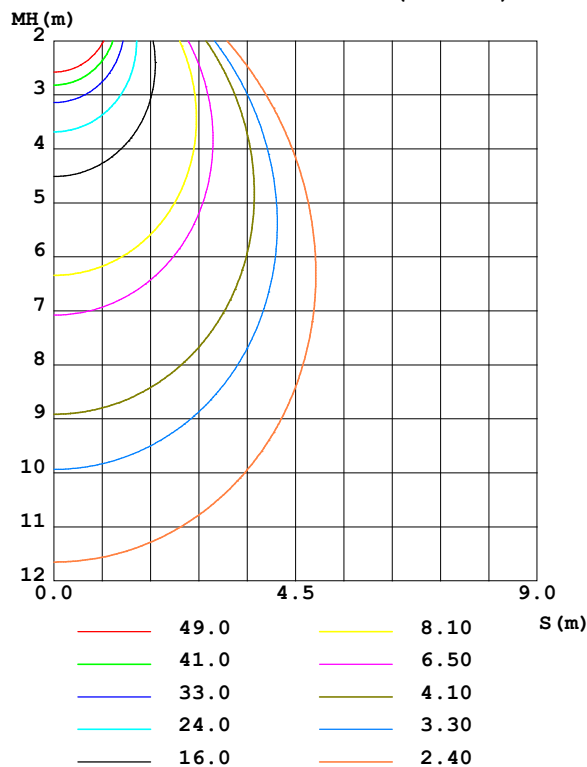
Test:U:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 70.10 lm/W
MODEL	XL-1002-S8W	I _{max} (cd)	327.3	S/MH(C0/180)	1.11	
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	1.14	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	594.04	η UP,DN(C0-180)	0.4,48.2	
NOMINAL FLUX(lm)	594.037	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	315.6	314.8	314.6	315.1	315.9	317.9	318.9	318.7	0- 10	30.70	30.70	5.17,5.17
20	285.3	283.2	282.3	283.0	285.7	289.6	291.2	290.2	10- 20	85.46	116.2	19.6,19.6
30	237.9	235.0	233.4	233.8	238.4	243.9	246.1	244.5	20- 30	121.6	237.7	40,40
40	179.0	175.7	173.2	173.0	179.0	185.2	188.0	186.5	30- 40	131.4	369.1	62.1,62.1
50	115.4	111.7	108.6	108.2	114.8	120.0	123.2	122.5	40- 50	113.8	482.9	81.3,81.3
60	55.43	51.07	48.57	48.56	53.88	58.03	60.66	60.51	50- 60	75.20	558.1	94,94
70	10.04	7.884	6.612	7.025	9.096	11.66	12.48	12.47	60- 70	29.47	587.6	98.9,98.9
80	0.0798	0.0286	0	0.0285	0	0.0532	0.0962	0.0594	70- 80	2.269	589.9	99.3,99.3
90	0	0.0056	0.0059	0.0058	0	0	0	0	80- 90	0.0076	589.9	99.3,99.3
100	0.0502	0.0955	0.1237	0.1040	0.0787	0.0364	0	0.0336	90-100	0.0253	589.9	99.3,99.3
110	0.2522	0.3003	0.3373	0.3036	0.2368	0.1939	0.1626	0.1882	100-110	0.1570	590.1	99.3,99.3
120	0.5275	0.5759	0.6179	0.6009	0.4892	0.4353	0.4146	0.4297	110-120	0.3692	590.4	99.4,99.4
130	0.8470	0.9009	0.9549	0.9154	0.7979	0.7355	0.7234	0.7188	120-130	0.5931	591.0	99.5,99.5
140	1.179	1.225	1.275	1.252	1.101	1.041	1.016	1.038	130-140	0.7559	591.8	99.6,99.6
150	1.487	1.535	1.601	1.569	1.432	1.370	1.336	1.358	140-150	0.8140	592.6	99.8,99.8
160	1.751	1.785	1.842	1.816	1.718	1.665	1.628	1.654	150-160	0.7372	593.3	99.9,99.9
170	1.937	1.968	2.004	1.996	1.932	1.895	1.847	1.881	160-170	0.5186	593.8	100,100
180	2.010	2.018	2.010	2.021	1.993	2.013	2.004	2.016	170-180	0.1881	594.0	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]

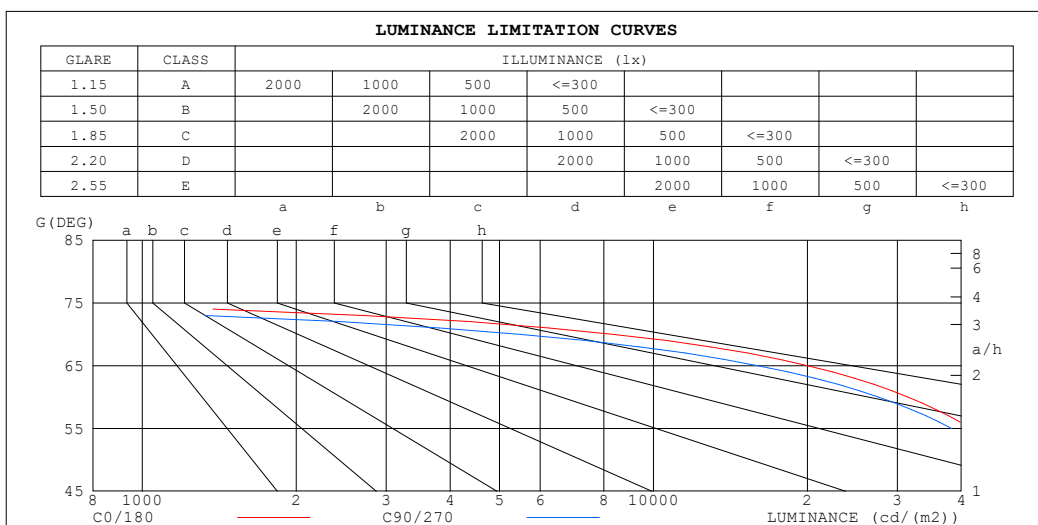
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz

Lamp Flux:594.037x1 lm

NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:



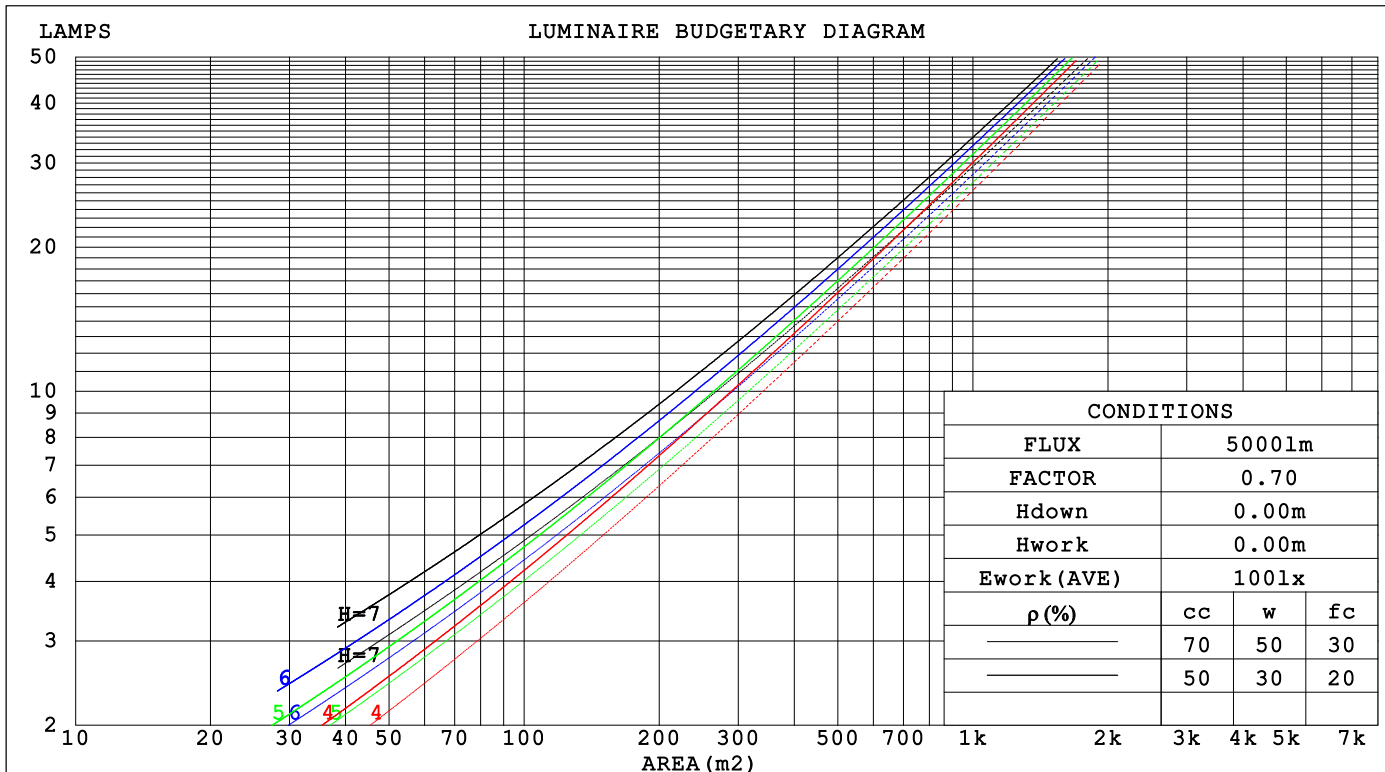
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 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															



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:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 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	.123	.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	.194	.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	.111	.145	.118	.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	.105	.070	.130	.091	.061	.089	.064	.043	.052	.037	.025	.017	.012	.008		
5.0	.144	.095	.058	.124	.082	.050	.085	.057	.036	.049	.034	.021	.016	.011	.007		
6.0	.138	.086	.049	.118	.074	.043	.082	.052	.030	.047	.031	.018	.015	.010	.006		
7.0	.131	.079	.042	.113	.068	.037	.078	.048	.026	.045	.028	.015	.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	.099	.055	.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:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 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	26.4	27.6	26.7	27.8	28.1
4H		26.8	27.9	27.1	28.1	28.4	26.3	27.4	26.7	27.7	28.0
6H		26.7	27.7	27.0	28.0	28.2	26.2	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	26.1	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	28.3	26.4	27.3	26.8	27.6	28.0
6H		26.7	27.5	27.1	27.8	28.2	26.3	27.1	26.7	27.4	27.8
8H		26.7	27.4	27.1	27.7	28.1	26.3	27.0	26.7	27.4	27.8
12H		26.6	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	28.1	26.3	27.0	26.7	27.4	27.8
6H		26.6	27.2	27.0	27.6	28.0	26.2	26.8	26.7	27.2	27.6
8H		26.6	27.0	27.0	27.5	27.9	26.2	26.7	26.6	27.1	27.6
12H		26.5	26.9	27.0	27.4	27.9	26.1	26.5	26.6	27.0	27.5
12H 4H		26.6	27.3	27.1	27.7	28.1	26.3	26.9	26.7	27.3	27.7
6H		26.6	27.0	27.0	27.5	27.9	26.2	26.7	26.6	27.1	27.6
8H		26.5	26.9	27.0	27.4	27.9	26.1	26.5	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, 594.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.8)
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:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

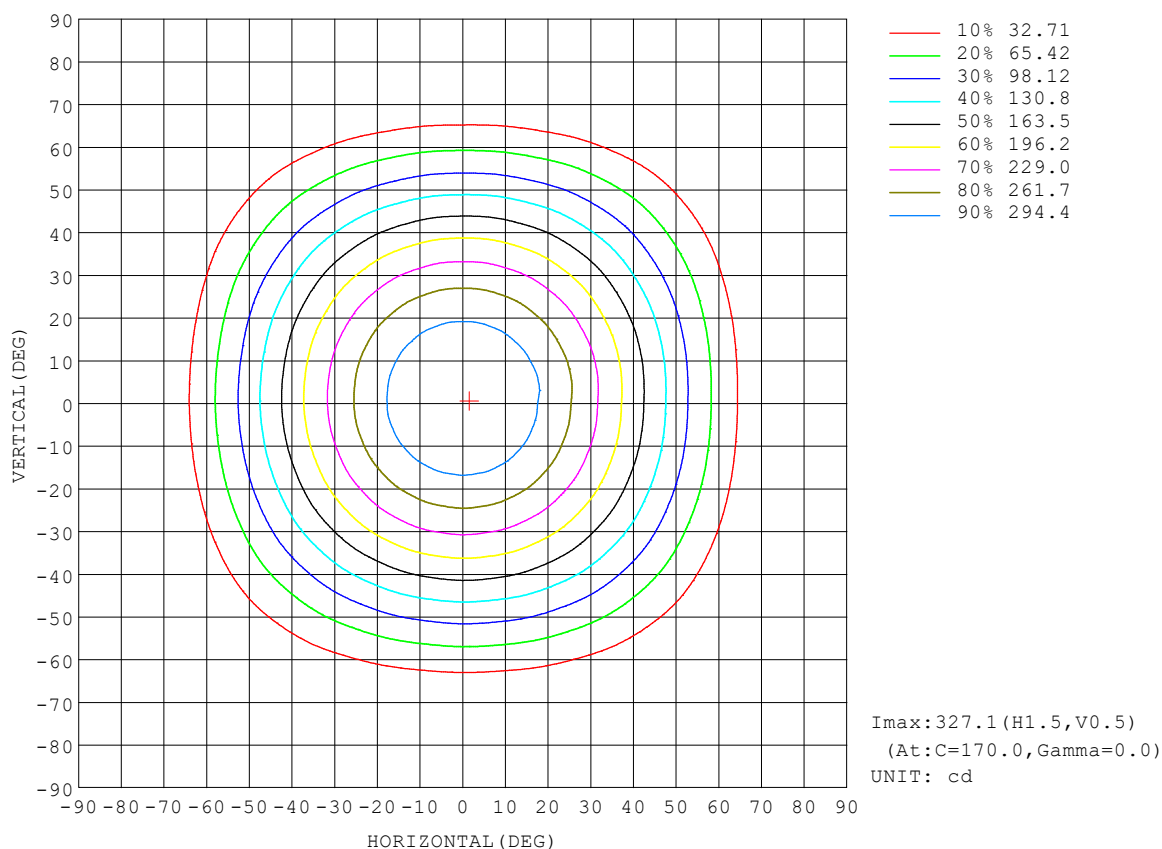
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	57	51	46
0.80	77	68	62	77	68	62	75	67	61	56
1.00	86	77	71	85	76	71	83	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	103	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:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

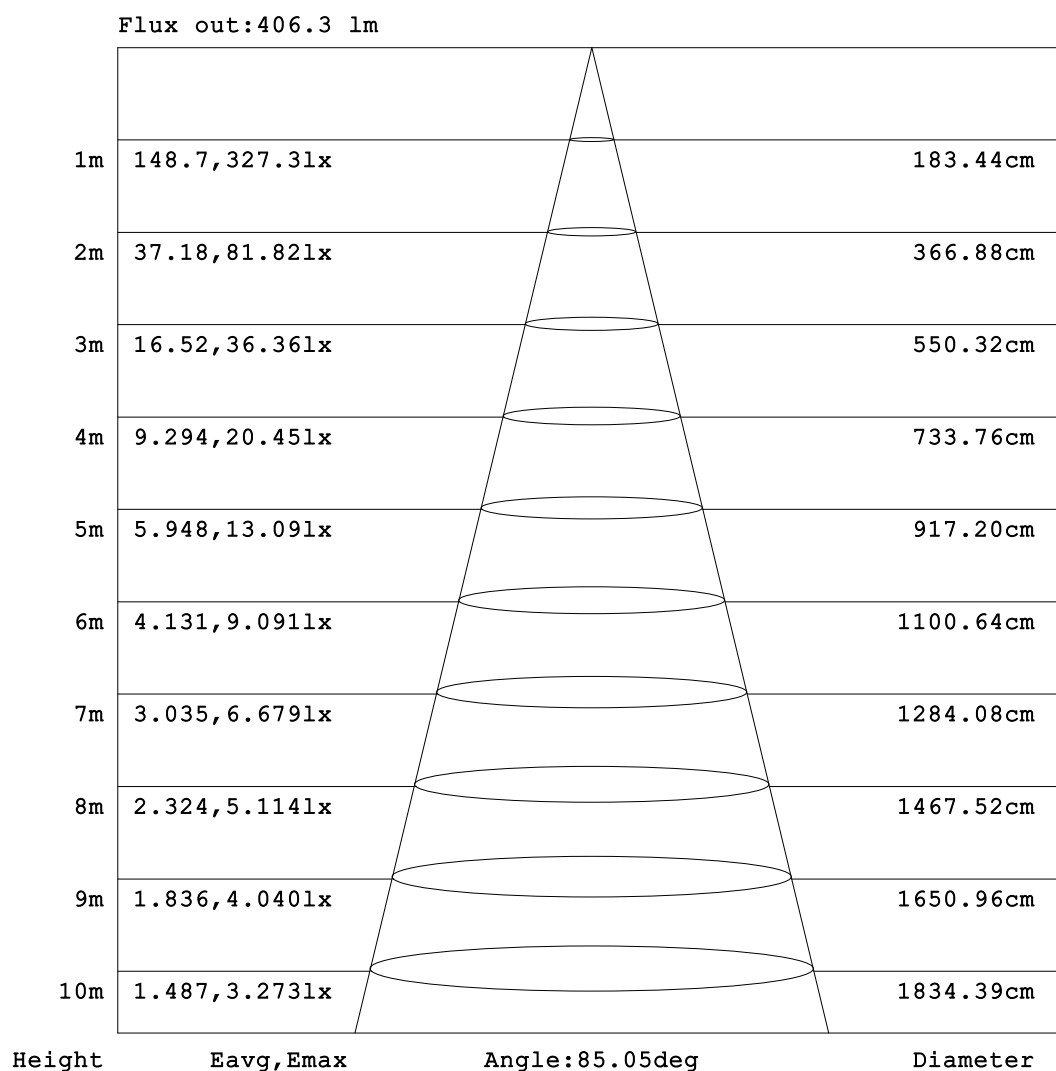


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 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

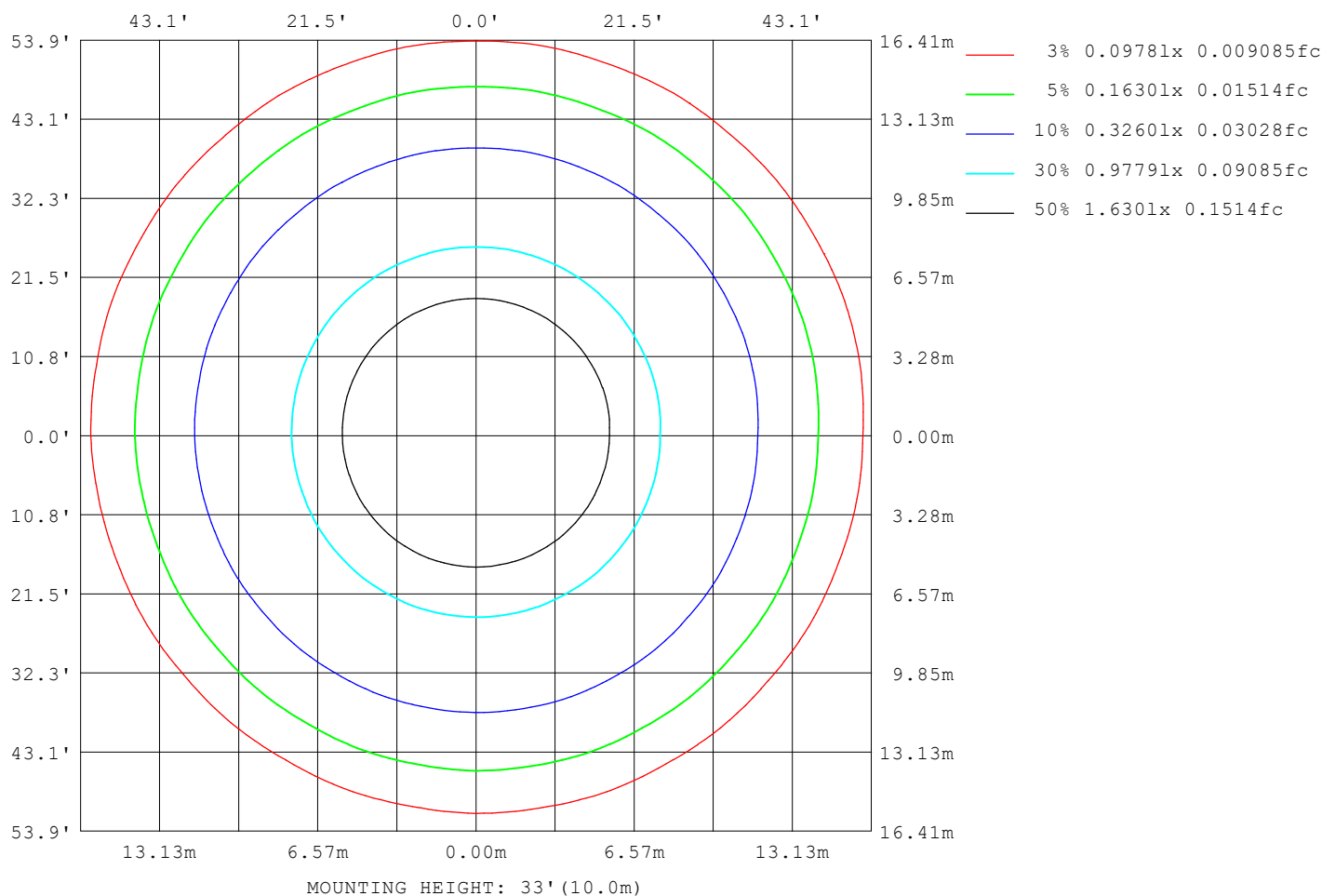
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 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:

LED Avg.L Report

Test:U:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	19490
L_0~180 (75) av	407
L_0~180 (85) av	0
L_90~270 (65) av	19265
L_90~270 (75) av	727
L_90~270 (85) av	0
L_45 (65) av	19372
L_45 (75) av	700
L_45 (85) av	0

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

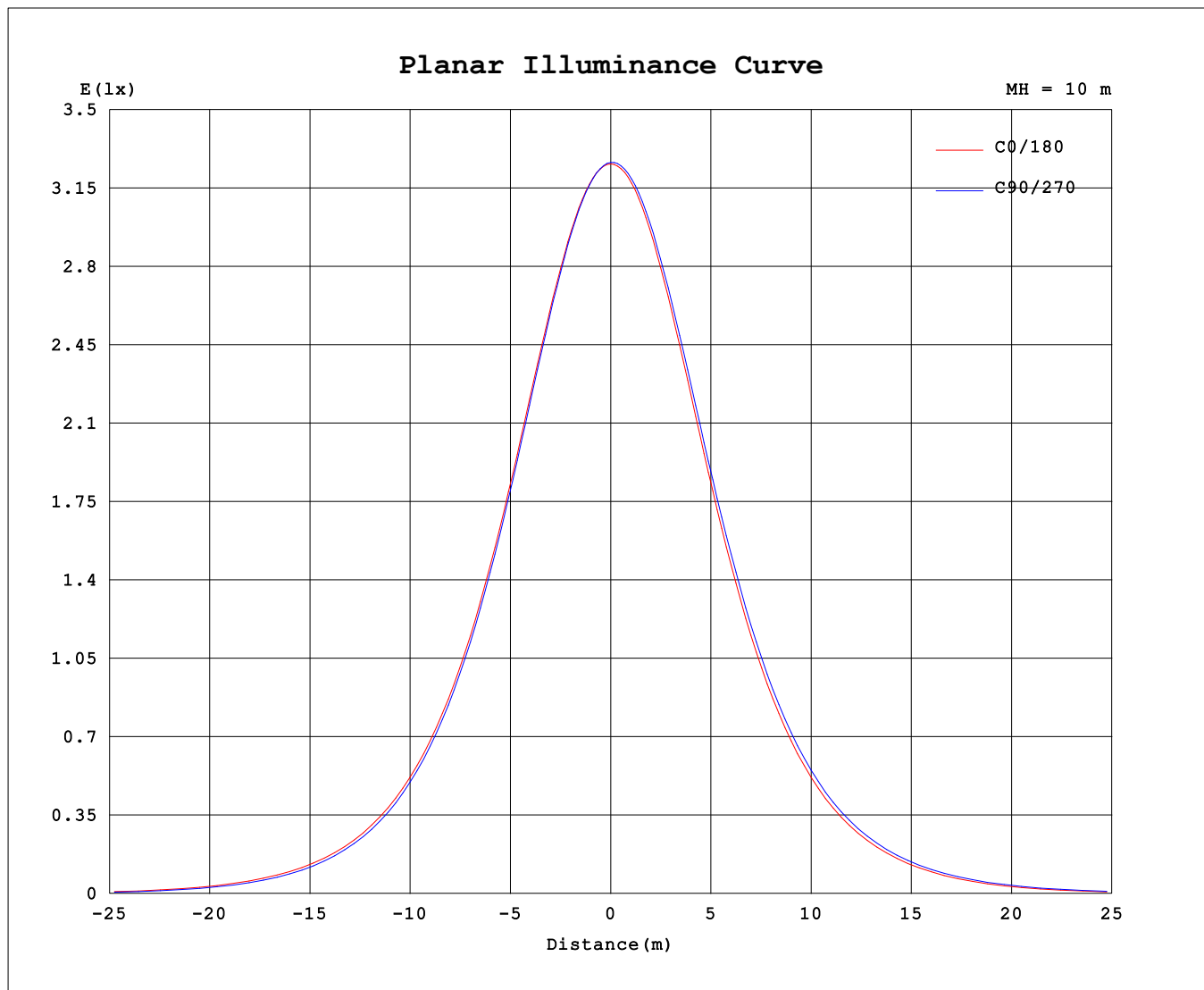
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 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	326	326	326	326	326	326	326	326	326	326	327	327	327	327	327	327	327	327	326
5	323	323	323	323	323	323	323	323	323	323	323	323	323	323	324	324	324	325	323
10	316	316	315	315	315	315	314	315	314	315	314	315	315	315	315	316	316	317	316
15	303	303	302	302	301	301	301	301	300	301	300	301	301	301	301	302	302	303	303
20	285	285	284	284	283	283	283	283	282	282	282	282	282	283	283	284	284	286	286
25	263	263	262	262	261	261	260	260	259	260	259	260	259	260	260	261	262	263	264
30	238	238	236	236	235	235	234	234	233	233	233	233	233	234	234	235	235	237	238
35	210	209	208	208	206	206	205	205	204	204	203	204	204	205	204	206	206	208	210
40	179	179	177	177	176	176	174	174	173	173	172	173	172	173	173	175	175	177	179
45	147	147	145	145	144	144	142	142	141	141	140	140	140	141	140	142	143	145	147
50	115	115	113	113	112	112	110	110	109	109	107	108	107	108	108	110	110	112	115
55	84.5	83.9	82.4	82.0	80.4	80.1	78.6	78.7	77.4	77.4	76.3	76.6	76.0	77.1	77.1	78.8	79.3	81.1	83.3
60	55.4	55.0	53.3	52.7	51.2	50.9	49.7	49.7	48.5	48.6	47.5	47.9	47.5	48.5	48.6	50.1	50.3	52.0	53.9
65	29.8	29.3	27.9	27.3	26.1	25.8	24.7	24.6	23.6	23.8	23.2	23.8	23.5	24.3	24.3	25.3	25.4	26.6	28.2
70	10.0	9.92	9.17	8.95	8.05	7.72	6.94	6.82	6.38	6.61	6.47	6.89	6.80	7.14	6.91	7.35	7.33	7.99	9.10
75	0.49	0.47	0.41	0.34	0.36	0.29	0.33	0.27	0.31	0.26	0.31	0.26	0.31	0.27	0.33	0.29	0.27	0.13	0.25
80	0.08	0.01	0.07	0.00	0.06	0.00	0.05	0.00	0.06	0.00	0.05	0.00	0.06	0.00	0.06	0.00	0.02	0.00	0.00
85	0.00	0.00	0.00	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	0.00	0.00
90	0.00	0.00	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	0.01	0.00
95	0.00	0.05	0.00	0.05	0.00	0.05	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.02
100	0.05	0.11	0.07	0.11	0.07	0.12	0.07	0.13	0.08	0.12	0.07	0.12	0.08	0.13	0.07	0.12	0.07	0.12	0.08
105	0.14	0.20	0.15	0.20	0.16	0.22	0.17	0.22	0.17	0.22	0.17	0.22	0.17	0.22	0.17	0.22	0.16	0.21	0.15
110	0.25	0.30	0.26	0.32	0.27	0.33	0.28	0.33	0.28	0.34	0.28	0.34	0.28	0.33	0.28	0.33	0.28	0.33	0.24
115	0.39	0.44	0.39	0.45	0.40	0.45	0.41	0.47	0.42	0.47	0.42	0.47	0.42	0.47	0.43	0.46	0.41	0.45	0.35
120	0.53	0.59	0.54	0.60	0.54	0.61	0.57	0.62	0.57	0.62	0.57	0.62	0.57	0.63	0.57	0.62	0.56	0.61	0.49
125	0.70	0.74	0.70	0.76	0.71	0.76	0.72	0.77	0.73	0.78	0.74	0.79	0.73	0.77	0.72	0.78	0.72	0.78	0.63
130	0.85	0.91	0.86	0.92	0.87	0.93	0.88	0.93	0.89	0.95	0.89	0.95	0.90	0.94	0.89	0.94	0.89	0.94	0.80
135	1.02	1.07	1.02	1.07	1.04	1.09	1.04	1.10	1.06	1.11	1.06	1.12	1.06	1.11	1.07	1.11	1.05	1.11	0.95
140	1.18	1.23	1.18	1.24	1.20	1.25	1.21	1.25	1.22	1.27	1.23	1.28	1.23	1.28	1.23	1.28	1.22	1.27	1.10
145	1.35	1.40	1.34	1.39	1.36	1.42	1.36	1.42	1.38	1.44	1.39	1.43	1.39	1.44	1.39	1.44	1.38	1.44	1.28
150	1.49	1.55	1.50	1.55	1.50	1.57	1.52	1.57	1.53	1.60	1.55	1.60	1.54	1.60	1.54	1.59	1.53	1.58	1.43
155	1.63	1.68	1.63	1.68	1.64	1.70	1.66	1.71	1.67	1.73	1.67	1.74	1.67	1.73	1.67	1.72	1.68	1.73	1.58
160	1.75	1.80	1.75	1.81	1.76	1.81	1.77	1.84	1.79	1.84	1.79	1.85	1.79	1.84	1.79	1.85	1.79	1.85	1.72
165	1.84	1.90	1.85	1.90	1.85	1.91	1.86	1.93	1.88	1.94	1.88	1.94	1.88	1.94	1.89	1.95	1.89	1.95	1.84
170	1.94	1.98	1.93	1.98	1.94	1.99	1.94	1.99	1.95	2.00	1.95	2.00	1.95	2.02	1.97	2.03	1.97	2.02	1.93
175	1.98	2.01	1.99	2.01	1.98	2.02	2.00	2.02	1.99	2.01	1.99	2.01	2.00	2.02	2.01	2.03	2.01	2.02	2.00
180	2.01	2.01	2.00	2.00	2.02	2.02	2.02	2.02	2.01	2.01	2.01	2.01	2.02	2.02	2.03	2.03	2.02	2.02	1.99

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:230.23V I:0.0740A P:8.4743W PF:0.4976 Freq:60.00Hz Lamp Flux:594.037x1 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	326	326	326	326	326	326	326	326	326	327	327	327	327	327	327	327	327		
5	324	324	324	325	325	325	325	325	325	325	325	325	325	325	325	325	325		
10	316	317	317	318	318	319	319	319	319	319	319	319	319	319	318	318	318		
15	304	305	305	306	306	307	307	308	307	308	307	307	307	307	306	306	305		
20	286	288	288	289	290	291	291	292	291	292	291	291	290	290	289	289	288		
25	265	266	267	269	269	270	270	271	271	271	270	270	269	269	268	268	266		
30	239	241	242	244	244	245	246	247	246	247	246	246	245	244	243	243	241		
35	211	213	214	216	216	218	218	219	218	219	218	218	217	216	215	214	213		
40	180	182	183	185	185	187	187	188	188	189	188	188	187	186	185	184	182		
45	148	150	151	153	153	155	155	156	156	157	156	156	155	155	153	152	150		
50	116	117	118	120	120	122	122	123	123	124	123	124	123	122	121	120	118		
55	84.0	85.7	86.1	87.8	88.3	89.8	90.0	91.4	91.0	91.8	91.2	91.7	90.7	90.8	89.4	89.0	87.3		
60	54.5	56.1	56.4	57.9	58.2	59.6	59.8	61.0	60.7	61.3	60.6	61.2	60.4	60.7	59.5	59.4	58.0		
65	28.7	30.0	30.4	31.7	31.8	32.9	32.8	33.8	33.6	34.2	33.6	34.1	33.3	33.6	32.8	32.9	31.9		
70	9.43	10.4	10.6	11.6	11.7	12.4	12.2	12.7	12.5	13.0	12.6	12.9	12.4	12.6	12.0	12.0	11.3		
75	0.42	0.56	0.61	0.82	0.81	1.02	0.98	1.15	1.07	1.21	1.11	1.21	1.07	1.14	0.89	0.89	0.67		
80	0.07	0.02	0.09	0.02	0.08	0.02	0.09	0.03	0.10	0.02	0.10	0.03	0.09	0.03	0.09	0.01	0.09		
85	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		
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	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00		
100	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.06	0.00	0.05	0.00	0.06	0.01	0.06	0.01	0.06	0.01		
105	0.09	0.14	0.08	0.13	0.08	0.13	0.07	0.12	0.07	0.12	0.07	0.12	0.07	0.13	0.07	0.13	0.08		
110	0.18	0.23	0.18	0.22	0.17	0.22	0.17	0.21	0.16	0.21	0.16	0.21	0.16	0.21	0.16	0.22	0.18		
115	0.30	0.34	0.29	0.34	0.27	0.33	0.27	0.33	0.27	0.32	0.28	0.32	0.27	0.33	0.28	0.33	0.29		
120	0.44	0.48	0.42	0.46	0.41	0.46	0.40	0.46	0.41	0.46	0.39	0.45	0.40	0.46	0.41	0.46	0.42		
125	0.58	0.62	0.56	0.61	0.55	0.61	0.54	0.61	0.57	0.59	0.54	0.59	0.54	0.61	0.55	0.62	0.57		
130	0.72	0.77	0.72	0.76	0.71	0.74	0.70	0.76	0.72	0.74	0.68	0.74	0.69	0.75	0.70	0.76	0.72		
135	0.88	0.93	0.87	0.91	0.85	0.90	0.85	0.90	0.86	0.90	0.84	0.90	0.85	0.90	0.86	0.92	0.88		
140	1.04	1.08	1.03	1.07	1.01	1.07	1.00	1.06	1.02	1.06	1.00	1.06	1.01	1.07	1.02	1.07	1.03		
145	1.21	1.24	1.18	1.24	1.18	1.22	1.17	1.22	1.17	1.22	1.16	1.22	1.17	1.22	1.18	1.24	1.20		
150	1.36	1.40	1.35	1.40	1.34	1.38	1.34	1.39	1.34	1.38	1.32	1.38	1.33	1.39	1.33	1.40	1.36		
155	1.52	1.56	1.49	1.54	1.49	1.54	1.48	1.53	1.48	1.54	1.48	1.53	1.48	1.54	1.48	1.56	1.51		
160	1.66	1.70	1.64	1.70	1.63	1.69	1.62	1.68	1.63	1.69	1.62	1.68	1.63	1.68	1.63	1.70	1.64		
165	1.77	1.83	1.76	1.81	1.76	1.81	1.76	1.81	1.76	1.81	1.75	1.81	1.76	1.81	1.76	1.82	1.77		
170	1.88	1.94	1.88	1.93	1.86	1.90	1.85	1.90	1.85	1.90	1.85	1.91	1.85	1.91	1.86	1.92	1.88		
175	1.95	2.00	1.95	2.01	1.95	1.99	1.94	1.99	1.94	1.99	1.95	2.00	1.94	2.00	1.94	2.00	1.96		
180	2.00	2.00	2.00	2.01	2.02	2.02	2.00	2.00	2.00	2.01	2.00	2.02	2.02	2.02	2.01	2.02	2.01		

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: