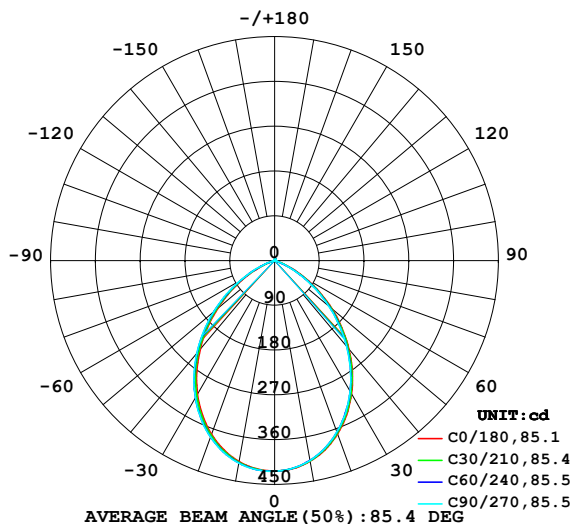


LUMINAIRE PHOTOMETRIC TEST REPORT

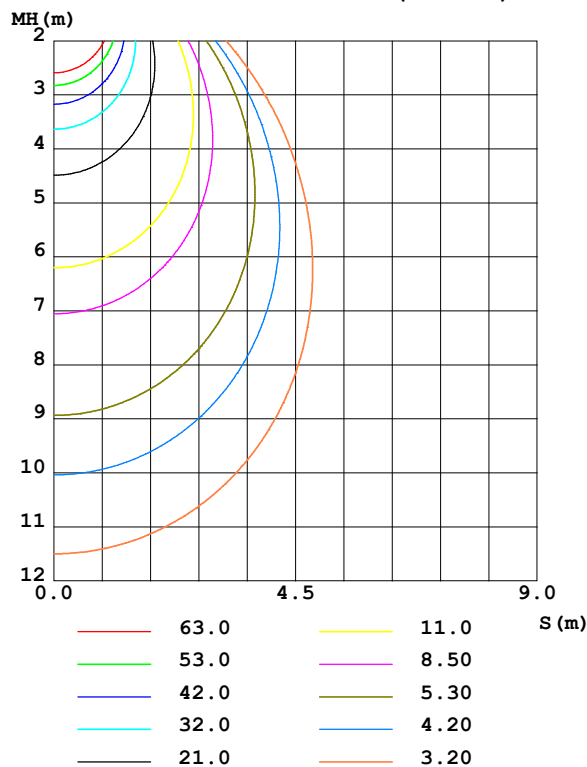
Test:U:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 78.35 lm/W
MODEL	XL-1002-S10W	I _{max} (cd)	424.3	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)	772.15	η UP,DN(C0-180)	0.4,48.2	
NOMINAL FLUX(lm)	772.153	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	409.9	408.4	408.0	408.6	410.3	412.4	413.4	413.2	0- 10	39.82	39.82	5.16,5.16
20	370.7	367.8	366.3	367.0	371.2	375.6	377.4	376.4	10- 20	110.9	150.7	19.5,19.5
30	309.4	305.6	303.5	303.5	310.0	316.3	318.7	317.4	20- 30	157.8	308.5	39.9,39.9
40	232.9	228.6	225.5	224.6	232.8	240.0	243.4	242.4	30- 40	170.6	479.1	62,62
50	150.7	145.7	141.7	140.8	149.3	156.1	160.1	159.4	40- 50	147.9	627.0	81.2,81.2
60	72.44	67.10	63.82	63.22	70.11	75.68	79.18	78.86	50- 60	98.02	725.0	93.9,93.9
70	13.29	10.58	8.800	9.147	11.73	15.16	16.54	16.36	60- 70	38.56	763.6	98.9,98.9
80	0.1018	0.0562	0.0163	0.0511	0	0.0982	0.1311	0.1006	70- 80	2.999	766.6	99.3,99.3
90	0	0.0113	0.0285	0.0168	0	0	0	0	80- 90	0.0150	766.6	99.3,99.3
100	0.1009	0.1433	0.1801	0.1547	0.1127	0.0675	0.0333	0.0587	90-100	0.0473	766.7	99.3,99.3
110	0.3584	0.4098	0.4501	0.4266	0.3316	0.2809	0.2354	0.2667	100-110	0.2293	766.9	99.3,99.3
120	0.7177	0.7747	0.8264	0.7971	0.6515	0.5952	0.5557	0.5782	110-120	0.5029	767.4	99.4,99.4
130	1.139	1.188	1.246	1.218	1.050	0.9746	0.9654	0.9574	120-130	0.7915	768.2	99.5,99.5
140	1.565	1.617	1.669	1.653	1.461	1.378	1.359	1.375	130-140	0.9999	769.2	99.6,99.6
150	1.959	2.004	2.078	2.049	1.870	1.794	1.757	1.785	140-150	1.069	770.3	99.8,99.8
160	2.296	2.333	2.409	2.375	2.241	2.173	2.133	2.159	150-160	0.9633	771.2	99.9,99.9
170	2.538	2.577	2.617	2.611	2.527	2.484	2.437	2.467	160-170	0.6790	771.9	100,100
180	2.633	2.644	2.633	2.653	2.628	2.644	2.628	2.647	170-180	0.2468	772.2	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]

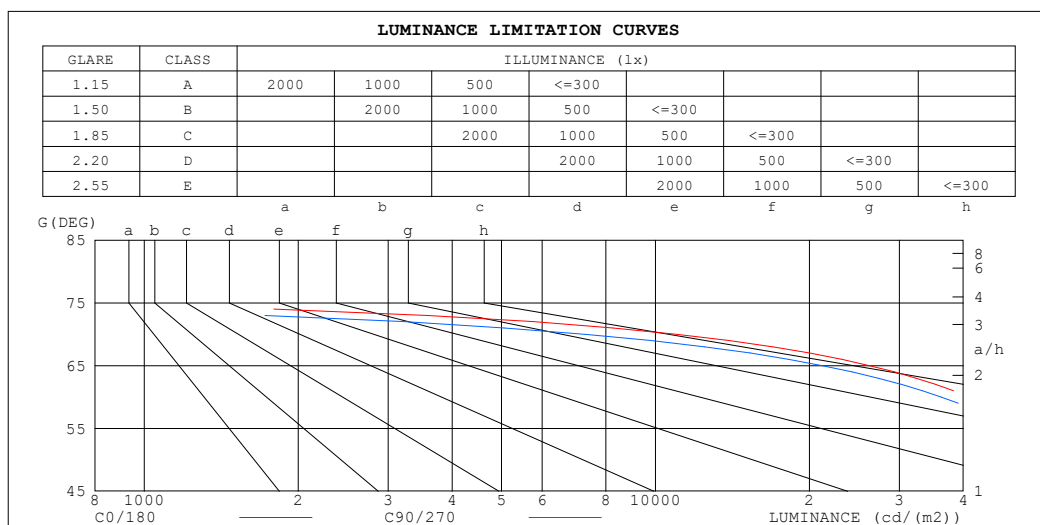
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz

Lamp Flux:772.153x1 lm

NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	55	0
80	166	27
75	707	404
70	11025	7301
65	26235	21236
60	41112	36222
55	54527	50090
50	66527	62571
45	76858	73662

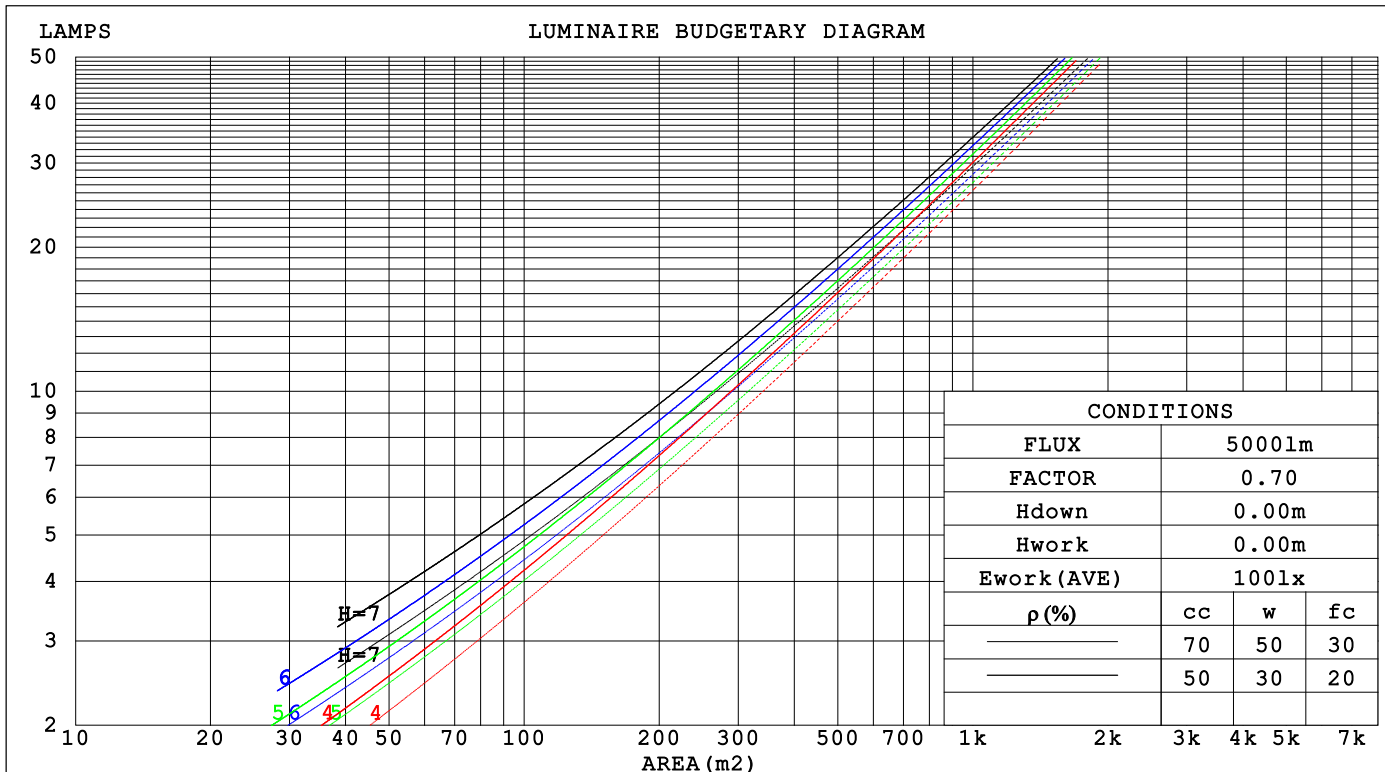
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	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	.51	.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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	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	.127	.040	.209	.120	.038	.196	.113	.036	.185	.107	.035		
2.0	.226	.124	.038	.219	.121	.037	.208	.116	.036	.197	.111	.035	.188	.106	.033		
3.0	.216	.115	.034	.211	.113	.034	.201	.109	.033	.192	.105	.032	.183	.101	.031		
4.0	.206	.107	.031	.201	.105	.031	.192	.102	.030	.184	.099	.030	.176	.096	.029		
5.0	.195	.099	.029	.190	.098	.028	.183	.095	.028	.175	.092	.028	.168	.090	.027		
6.0	.184	.092	.026	.180	.091	.026	.173	.089	.026	.167	.087	.025	.161	.085	.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	.071	.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	.120	.087	.137	.103	.076	.094	.072	.053	.054	.042	.031	.017	.014	.010		
4.0	.152	.106	.070	.130	.091	.061	.090	.064	.043	.052	.037	.025	.017	.012	.008		
5.0	.144	.095	.058	.124	.082	.051	.085	.057	.036	.050	.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	.064	.032	.075	.045	.023	.044	.026	.014	.014	.009	.005		
9.0	.121	.068	.033	.104	.059	.029	.072	.042	.020	.042	.025	.012	.014	.008	.004		
10.0	.116	.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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm										
NAME:			TYPE: 4000K			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	26.8	28.0	28.2
3H	26.9	28.1	27.2	28.3	28.5	26.5	27.7	26.8	27.9	28.1
4H	26.8	27.9	27.1	28.2	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	27.6	27.9
8H	26.7	27.6	27.0	27.9	28.2	26.2	27.2	26.6	27.5	27.8
12H	26.6	27.5	27.0	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	27.0	27.9	27.3	28.2	28.5	26.6	27.5	26.9	27.8	28.1
4H	26.9	27.7	27.2	28.0	28.4	26.5	27.3	26.9	27.7	28.0
6H	26.8	27.5	27.2	27.9	28.2	26.4	27.1	26.8	27.5	27.9
8H	26.7	27.4	27.1	27.8	28.2	26.3	27.0	26.8	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	26.4	27.0	26.8	27.4	27.8
6H	26.6	27.2	27.1	27.6	28.1	26.3	26.8	26.7	27.2	27.7
8H	26.6	27.1	27.1	27.5	28.0	26.2	26.7	26.7	27.1	27.6
12H	26.6	27.0	27.0	27.4	27.9	26.2	26.6	26.7	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	27.1	27.5	28.0	26.2	26.7	26.7	27.1	27.6
8H	26.6	27.0	27.0	27.4	27.9	26.2	26.6	26.7	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 / - 2.8					+ 1.9 / - 3.0				

CIE Pub.117, 772.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

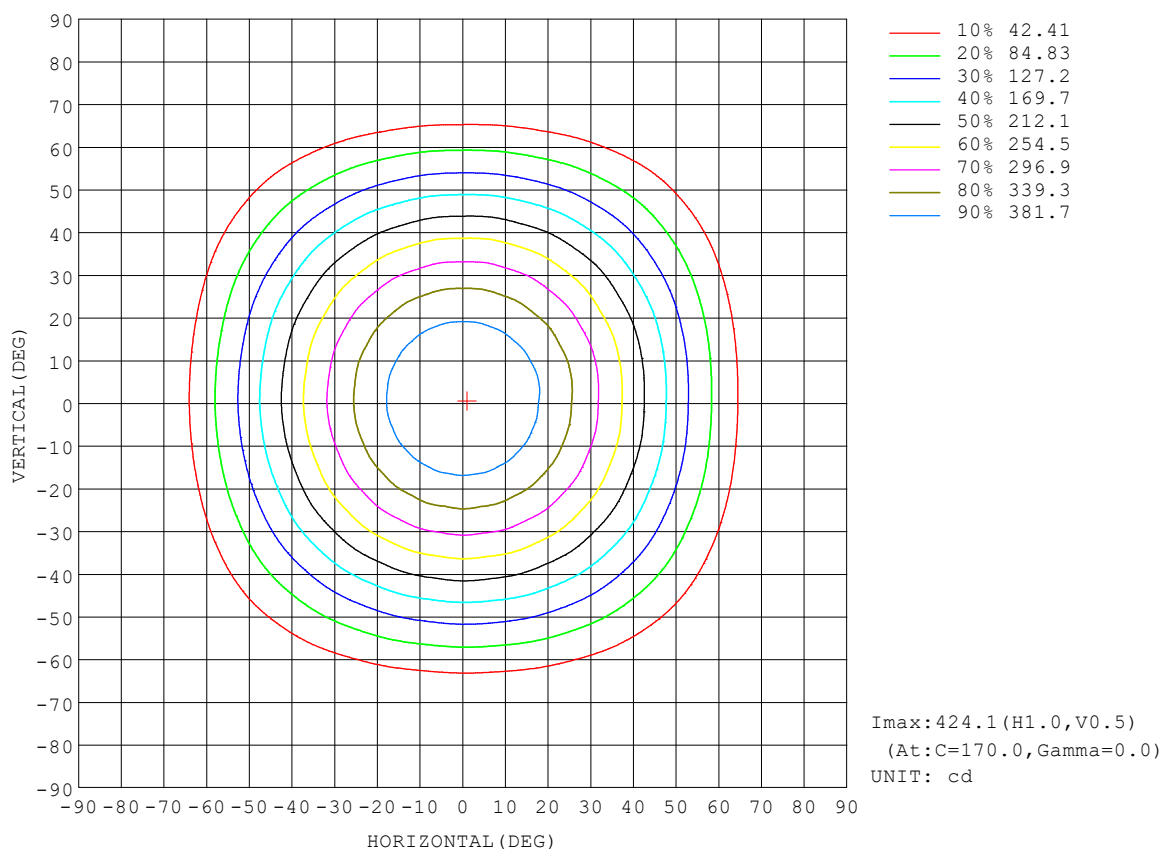
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	57	51	46
0.80	77	68	62	76	67	62	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	93	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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

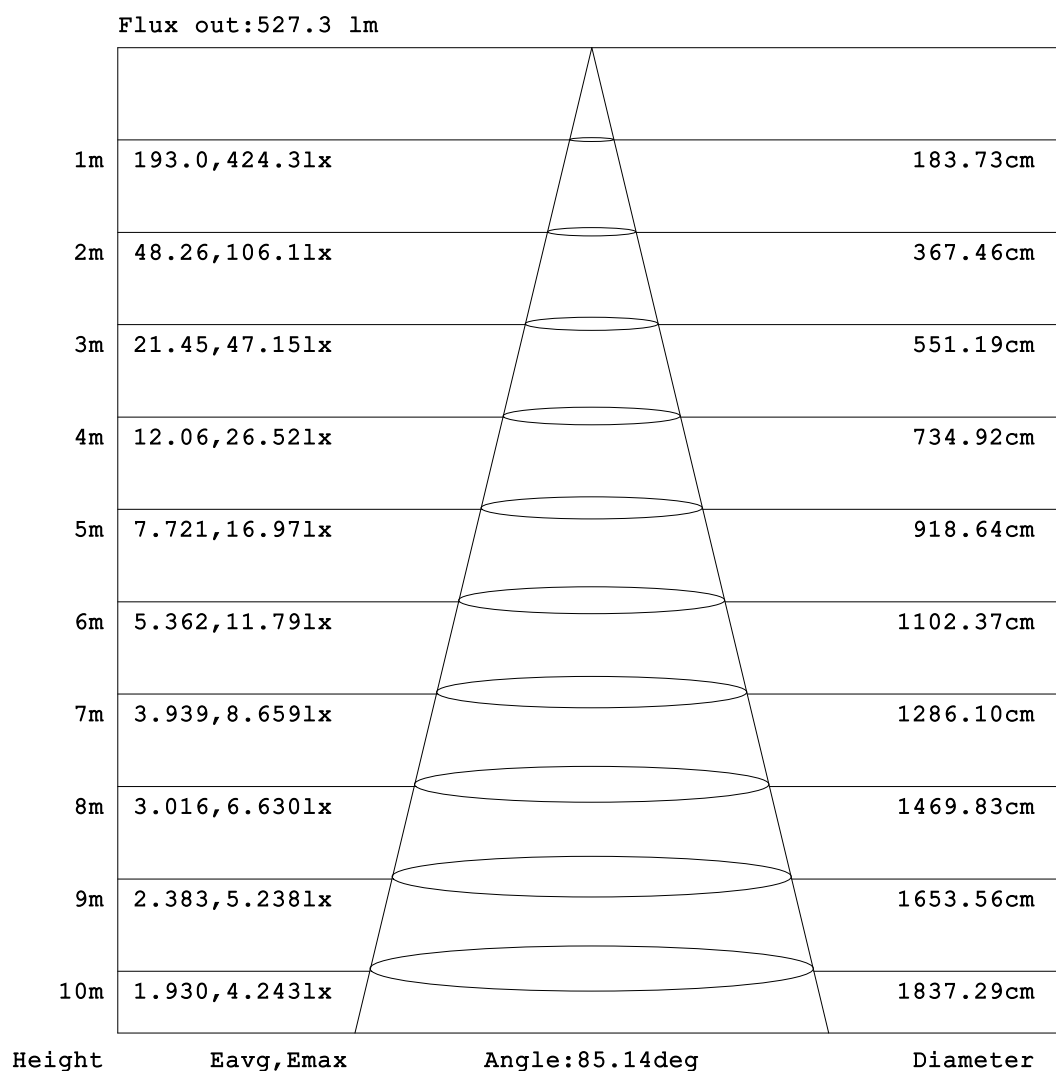


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153lx1 lm		
NAME:	TYPE: 4000K	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

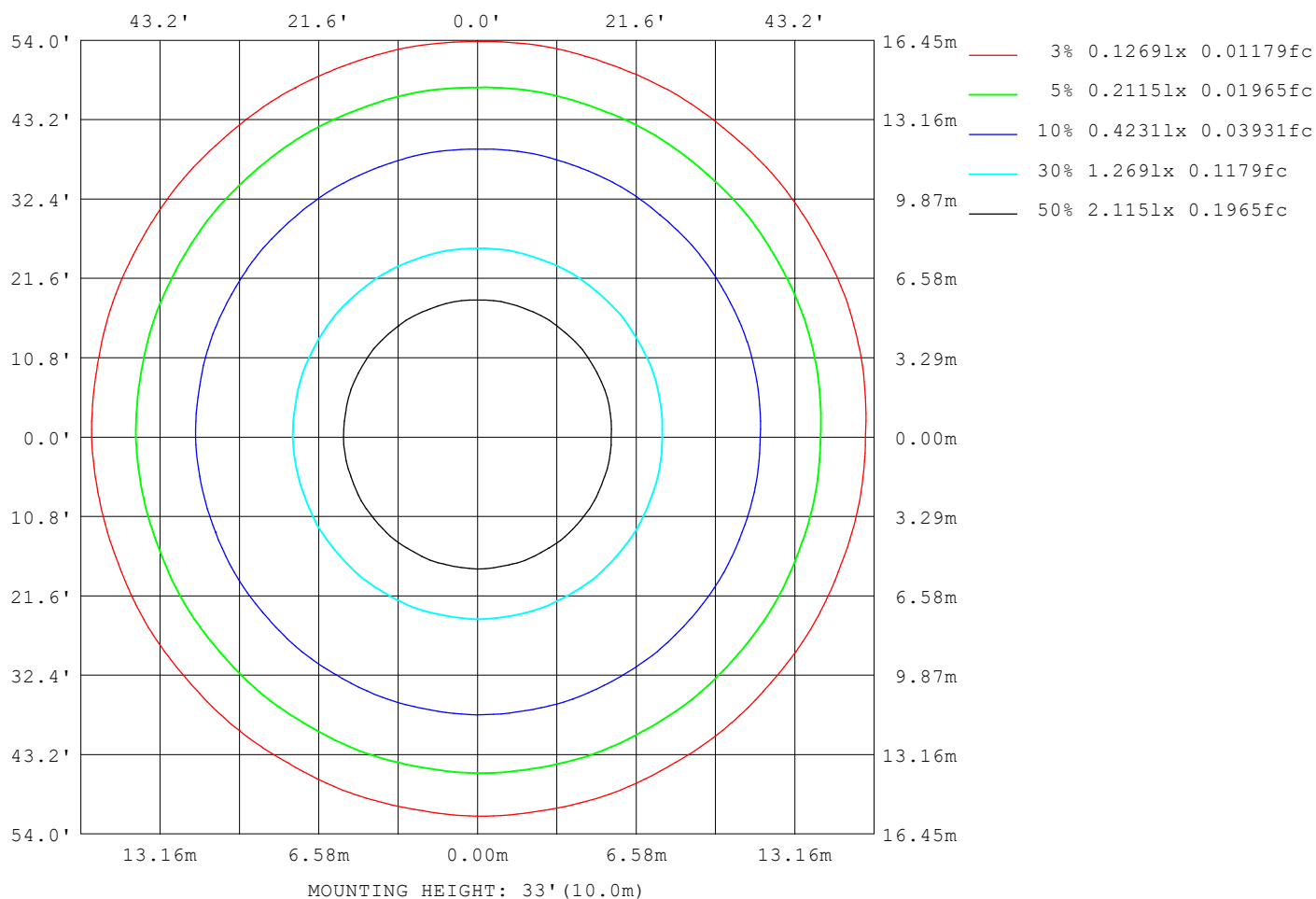
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	25413
L_0~180 (75) av	544
L_0~180 (85) av	27
L_90~270 (65) av	25399
L_90~270 (75) av	960
L_90~270 (85) av	10
L_45 (65) av	25358
L_45 (75) av	930
L_45 (85) av	2

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

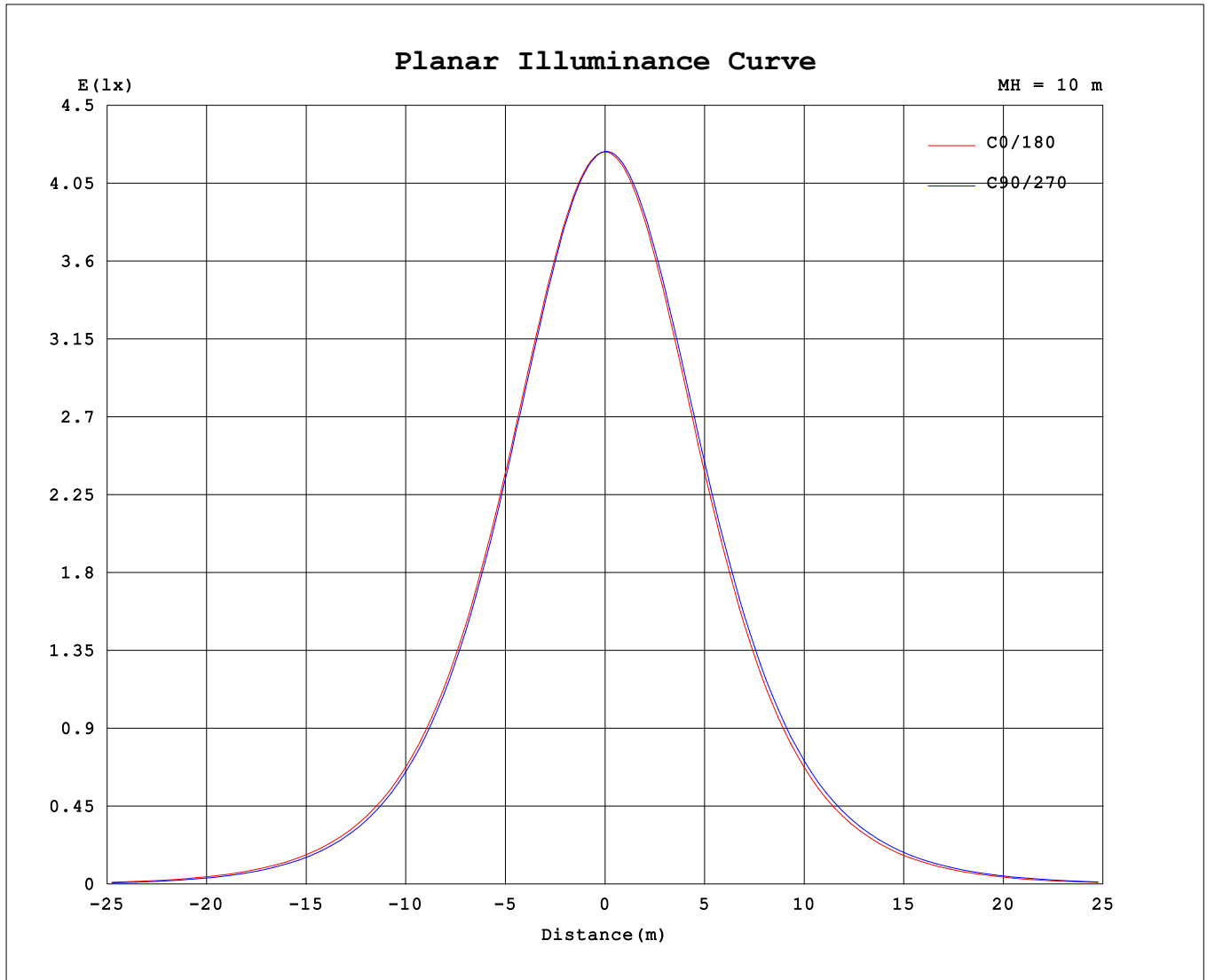
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm		
NAME:	TYPE: 4000K	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	423	423	423	423	423	423	423	423	423	423	423	424	424	424	424	424	424	424	423
5	420	420	420	419	419	419	419	419	419	419	419	419	419	419	420	420	420	421	420
10	410	410	409	409	408	408	408	408	408	408	408	408	408	409	409	410	410	410	410
15	393	393	392	392	391	391	390	391	390	390	390	390	390	391	391	392	392	393	394
20	371	371	369	369	368	368	367	367	366	366	365	366	366	367	367	368	369	370	371
25	342	342	341	341	339	339	338	338	336	338	336	338	336	338	337	339	339	341	343
30	309	310	307	308	305	306	304	305	302	303	302	303	302	304	303	305	305	308	310
35	273	273	270	271	268	269	266	267	265	266	264	265	264	266	265	267	267	270	273
40	233	233	230	231	228	229	226	227	225	226	223	225	223	225	224	227	227	230	233
45	192	192	189	189	187	187	185	185	183	184	181	183	181	183	182	185	185	188	191
50	151	150	148	148	146	145	144	144	142	142	140	141	140	141	141	143	143	146	149
55	110	110	108	107	105	105	103	103	101	101	99.6	100	99.1	100	100	102	103	105	108
60	72.4	71.8	69.8	69.0	67.3	66.9	65.4	65.3	63.8	63.8	62.4	62.8	62.0	63.3	63.2	65.1	65.3	67.5	70.1
65	39.1	38.5	36.6	36.0	34.4	34.1	32.8	32.6	31.4	31.6	30.6	31.2	30.6	31.6	31.5	32.8	32.9	34.5	36.6
70	13.3	13.2	12.2	11.9	10.8	10.4	9.33	9.20	8.54	8.80	8.49	9.07	8.88	9.33	8.97	9.51	9.41	10.3	11.7
75	0.64	0.62	0.55	0.49	0.48	0.41	0.44	0.38	0.42	0.37	0.41	0.38	0.43	0.39	0.44	0.41	0.36	0.21	0.35
80	0.10	0.04	0.10	0.03	0.09	0.02	0.09	0.02	0.07	0.02	0.08	0.02	0.08	0.02	0.09	0.01	0.03	0.00	0.00
85	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.01	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.02	0.01	0.02	0.00	0.02	0.00	0.02	0.01	0.03	0.01	0.03	0.01	0.03	0.00	0.02	0.00	0.03	0.00
95	0.01	0.07	0.03	0.08	0.03	0.08	0.03	0.08	0.03	0.09	0.04	0.09	0.04	0.08	0.03	0.08	0.03	0.09	0.04
100	0.10	0.16	0.11	0.17	0.12	0.17	0.12	0.17	0.12	0.18	0.13	0.19	0.13	0.19	0.12	0.19	0.12	0.17	0.11
105	0.21	0.27	0.22	0.29	0.23	0.29	0.24	0.30	0.24	0.30	0.25	0.30	0.26	0.30	0.25	0.30	0.25	0.29	0.20
110	0.36	0.42	0.37	0.43	0.38	0.44	0.39	0.45	0.39	0.45	0.40	0.46	0.40	0.45	0.40	0.46	0.40	0.44	0.33
115	0.52	0.58	0.54	0.60	0.55	0.61	0.57	0.62	0.57	0.63	0.57	0.63	0.57	0.63	0.57	0.63	0.57	0.62	0.48
120	0.72	0.78	0.72	0.79	0.74	0.81	0.77	0.81	0.76	0.83	0.77	0.82	0.77	0.82	0.77	0.81	0.76	0.82	0.65
125	0.93	0.98	0.94	0.99	0.95	1.01	0.96	1.02	0.98	1.03	0.98	1.03	0.98	1.03	0.98	1.03	0.98	1.02	0.85
130	1.14	1.20	1.15	1.20	1.16	1.21	1.18	1.23	1.19	1.25	1.20	1.24	1.19	1.25	1.19	1.24	1.20	1.24	1.05
135	1.35	1.42	1.36	1.42	1.38	1.43	1.39	1.44	1.40	1.46	1.41	1.45	1.40	1.46	1.41	1.46	1.41	1.45	1.25
140	1.57	1.62	1.58	1.63	1.59	1.65	1.60	1.66	1.61	1.67	1.62	1.67	1.63	1.68	1.63	1.67	1.62	1.67	1.46
145	1.77	1.83	1.77	1.84	1.78	1.84	1.80	1.85	1.80	1.88	1.82	1.88	1.83	1.88	1.82	1.88	1.82	1.88	1.67
150	1.96	2.02	1.96	2.02	1.97	2.04	1.99	2.05	2.01	2.08	2.03	2.08	2.02	2.08	2.02	2.07	2.01	2.07	1.87
155	2.14	2.20	2.13	2.20	2.15	2.21	2.16	2.23	2.19	2.25	2.20	2.25	2.19	2.25	2.19	2.25	2.20	2.25	2.06
160	2.30	2.35	2.30	2.35	2.30	2.36	2.32	2.39	2.34	2.41	2.36	2.41	2.35	2.41	2.34	2.41	2.36	2.42	2.24
165	2.42	2.48	2.43	2.49	2.44	2.50	2.45	2.52	2.46	2.52	2.47	2.54	2.47	2.54	2.48	2.54	2.49	2.55	2.40
170	2.54	2.59	2.54	2.59	2.54	2.61	2.55	2.61	2.55	2.62	2.56	2.62	2.57	2.63	2.59	2.64	2.60	2.65	2.53
175	2.61	2.64	2.61	2.64	2.62	2.64	2.63	2.64	2.61	2.63	2.61	2.64	2.63	2.65	2.64	2.66	2.64	2.65	2.63
180	2.63	2.64	2.63	2.64	2.64	2.64	2.64	2.64	2.63	2.63	2.64	2.64	2.65	2.65	2.66	2.66	2.65	2.65	2.63

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:230.22V I:0.0832A P:9.8557W PF:0.5146 Freq:60.00Hz Lamp Flux:772.153x1 lm																	
NAME:									TYPE: 4000K						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	423	423	423	423	423	423	423	423	423	423	424	424	424	424	424	424	424		
5	420	421	421	421	421	421	421	422	422	422	422	422	422	422	422	422	421		
10	411	411	412	412	413	413	413	414	413	414	413	414	413	413	413	413	412		
15	394	396	396	397	397	398	398	399	399	399	398	399	398	398	397	397	396		
20	372	373	374	375	376	377	377	378	377	378	377	378	376	376	375	375	374		
25	343	346	346	348	349	350	350	351	351	352	350	351	349	350	348	348	346		
30	310	314	314	316	316	319	318	320	319	320	319	320	317	318	315	316	313		
35	273	277	277	280	280	282	282	284	283	284	283	284	281	282	279	279	276		
40	233	237	237	240	240	243	242	244	243	245	244	245	242	243	240	240	237		
45	192	195	195	198	198	201	201	203	202	204	202	203	201	201	199	199	195		
50	150	153	153	156	156	159	159	161	160	161	160	161	159	160	157	157	154		
55	109	112	112	114	115	117	117	119	119	120	119	119	118	118	116	116	114		
60	70.9	72.9	73.6	75.4	75.9	77.8	78.0	79.7	79.2	80.1	79.2	79.8	78.6	79.1	77.5	77.5	75.5		
65	37.2	39.0	39.5	41.2	41.7	43.1	43.2	44.4	44.0	44.9	44.0	44.6	43.5	43.9	42.8	43.0	41.5		
70	12.2	13.4	13.8	15.0	15.3	16.2	16.1	16.8	16.5	17.2	16.7	17.0	16.3	16.5	15.6	15.8	14.8		
75	0.55	0.74	0.79	1.07	1.11	1.33	1.28	1.54	1.38	1.61	1.43	1.62	1.38	1.51	1.20	1.19	0.91		
80	0.09	0.05	0.12	0.07	0.13	0.07	0.12	0.07	0.13	0.07	0.14	0.07	0.13	0.07	0.13	0.06	0.11		
85	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01		
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	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.02	0.00	0.03	0.00	0.02	0.00		
100	0.06	0.10	0.05	0.10	0.04	0.10	0.03	0.09	0.03	0.09	0.03	0.09	0.03	0.08	0.03	0.09	0.04		
105	0.15	0.20	0.14	0.19	0.14	0.19	0.12	0.18	0.12	0.17	0.12	0.18	0.12	0.17	0.13	0.19	0.15		
110	0.27	0.31	0.26	0.32	0.25	0.30	0.25	0.29	0.24	0.29	0.24	0.29	0.24	0.30	0.26	0.30	0.26		
115	0.42	0.47	0.41	0.46	0.40	0.44	0.39	0.44	0.39	0.43	0.38	0.43	0.38	0.44	0.39	0.45	0.40		
120	0.59	0.64	0.58	0.62	0.57	0.61	0.56	0.60	0.56	0.60	0.55	0.61	0.54	0.61	0.56	0.62	0.57		
125	0.79	0.83	0.76	0.80	0.76	0.80	0.74	0.82	0.77	0.79	0.74	0.79	0.73	0.79	0.75	0.81	0.76		
130	0.98	1.02	0.96	1.00	0.95	0.99	0.93	1.01	0.97	0.98	0.92	0.97	0.93	0.99	0.94	0.99	0.97		
135	1.18	1.23	1.17	1.21	1.14	1.20	1.14	1.20	1.16	1.18	1.12	1.18	1.12	1.19	1.14	1.21	1.17		
140	1.39	1.43	1.37	1.41	1.35	1.40	1.34	1.40	1.36	1.39	1.34	1.38	1.35	1.40	1.35	1.42	1.38		
145	1.60	1.63	1.58	1.63	1.56	1.61	1.55	1.60	1.55	1.58	1.54	1.59	1.55	1.61	1.56	1.62	1.59		
150	1.80	1.84	1.77	1.83	1.76	1.81	1.76	1.81	1.76	1.80	1.75	1.80	1.76	1.81	1.76	1.82	1.79		
155	1.99	2.04	1.96	2.01	1.96	2.00	1.95	2.01	1.94	1.99	1.94	2.00	1.95	2.00	1.95	2.02	1.98		
160	2.17	2.22	2.16	2.20	2.14	2.20	2.14	2.20	2.13	2.19	2.13	2.19	2.13	2.19	2.13	2.20	2.16		
165	2.35	2.39	2.32	2.37	2.30	2.36	2.30	2.36	2.30	2.36	2.30	2.36	2.30	2.35	2.31	2.37	2.34		
170	2.48	2.53	2.46	2.52	2.45	2.49	2.44	2.49	2.44	2.48	2.44	2.50	2.43	2.50	2.44	2.51	2.46		
175	2.58	2.63	2.58	2.63	2.57	2.62	2.55	2.61	2.54	2.61	2.56	2.62	2.55	2.61	2.56	2.62	2.56		
180	2.62	2.63	2.63	2.64	2.64	2.64	2.63	2.63	2.63	2.63	2.63	2.64	2.64	2.65	2.63	2.64	2.64		

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: