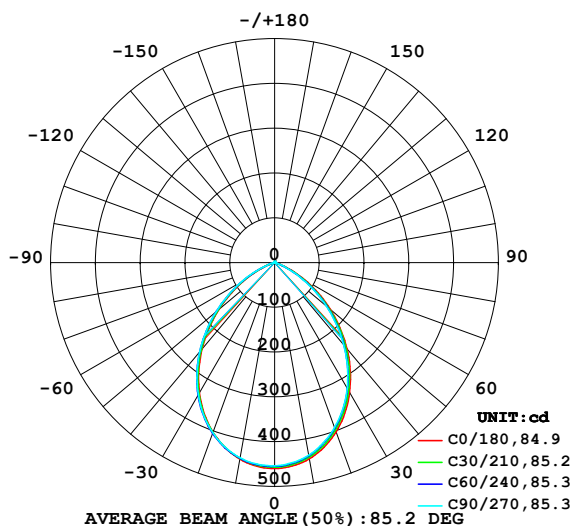


LUMINAIRE PHOTOMETRIC TEST REPORT

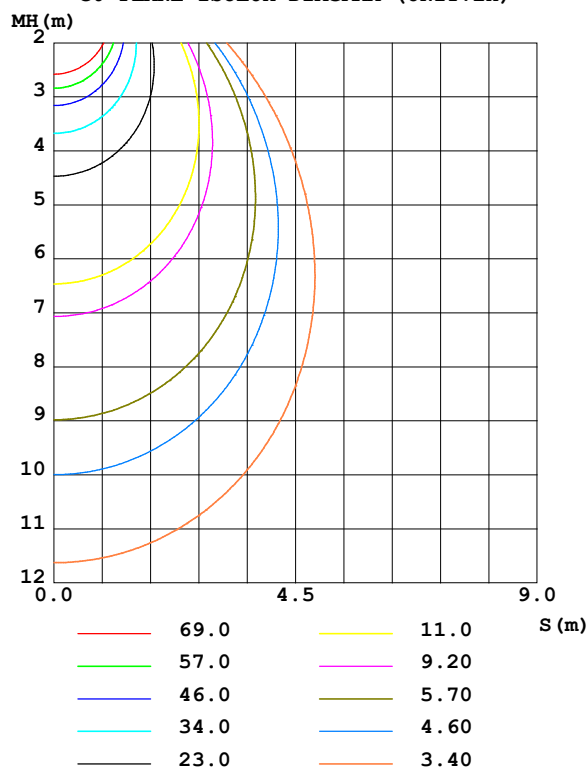
Test:U:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 68.27 lm/W
MODEL	XL-1002-S12W	I _{max} (cd)	459.6	S/MH(C0/180)	1.11	
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.14	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	825.56	η UP,DN(C0-180)	0.4,48.1	
NOMINAL FLUX(lm)	825.558	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 °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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	445.0	439.7	437.0	435.5	445.7	444.3	442.9	440.4	0- 10	42.71	42.71	5.17,5.17
20	402.1	395.6	392.2	391.0	403.1	404.6	404.3	401.0	10- 20	118.9	161.6	19.6,19.6
30	334.9	328.3	324.6	323.1	336.2	340.6	341.4	337.8	20- 30	169.0	330.6	40,40
40	251.6	245.0	240.6	238.8	252.6	258.4	260.4	257.3	30- 40	182.6	513.2	62.2,62.2
50	162.4	155.6	150.7	149.3	161.7	167.5	170.5	169.0	40- 50	158.0	671.2	81.3,81.3
60	78.05	71.07	67.25	66.93	75.90	80.92	84.02	83.33	50- 60	104.4	775.6	93.9,93.9
70	14.20	10.90	9.136	9.665	12.87	16.27	17.27	17.08	60- 70	40.84	816.4	98.9,98.9
80	0.1250	0.0646	0.0224	0.0642	0	0.1041	0.1405	0.1097	70- 80	3.168	819.6	99.3,99.3
90	0.0056	0.0169	0.0286	0.0169	0	0	0	0	80- 90	0.0191	819.6	99.3,99.3
100	0.1235	0.1631	0.2027	0.1742	0.1236	0.0789	0.0497	0.0757	90-100	0.0553	819.6	99.3,99.3
110	0.3983	0.4467	0.4942	0.4578	0.3658	0.3060	0.2687	0.2921	100-110	0.2519	819.9	99.3,99.3
120	0.7911	0.8420	0.8816	0.8536	0.7140	0.6432	0.6061	0.6180	110-120	0.5446	820.4	99.4,99.4
130	1.251	1.289	1.337	1.303	1.141	1.050	1.049	1.028	120-130	0.8531	821.3	99.5,99.5
140	1.712	1.743	1.793	1.761	1.589	1.491	1.465	1.465	130-140	1.077	822.4	99.6,99.6
150	2.149	2.170	2.235	2.189	2.028	1.931	1.874	1.897	140-150	1.149	823.5	99.8,99.8
160	2.504	2.527	2.583	2.543	2.437	2.347	2.290	2.302	150-160	1.037	824.6	99.9,99.9
170	2.762	2.785	2.808	2.799	2.757	2.681	2.610	2.636	160-170	0.7311	825.3	100,100
180	2.869	2.863	2.835	2.841	2.869	2.863	2.824	2.835	170-180	0.2658	825.6	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]

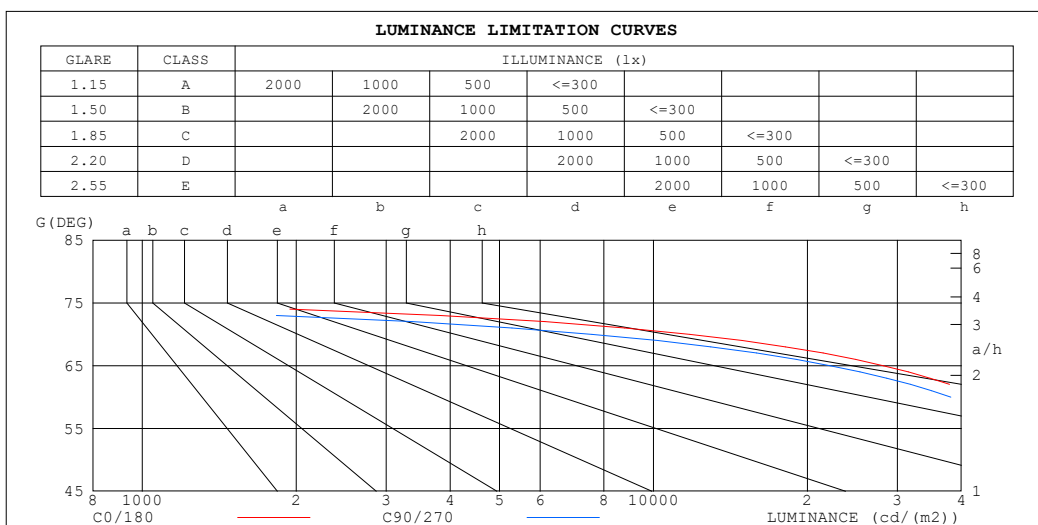
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz

Lamp Flux:825.558x1 lm

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



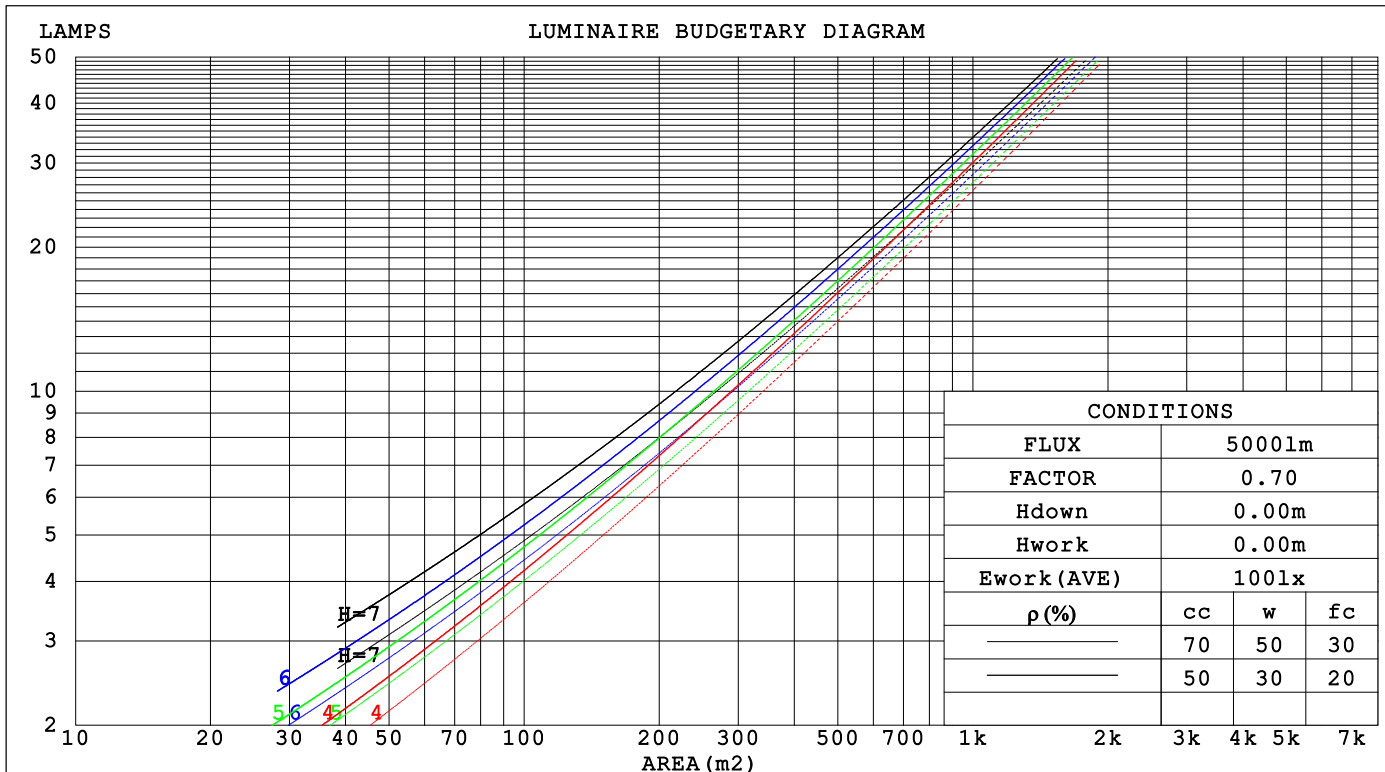
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 31 July 2025

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 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	.55
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	.51	.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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz																	
Lamp Flux:825.558x1 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	.115	.036	.197	.111	.035	.187	.106	.033		
3.0	.216	.115	.034	.211	.113	.034	.201	.109	.033	.191	.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	.166	.087	.025	.160	.084	.025		
7.0	.174	.086	.024	.170	.085	.024	.164	.083	.024	.158	.081	.024	.153	.079	.023		
8.0	.164	.080	.023	.161	.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	.097	.099	.082	.067	.057	.048	.039	.018	.015	.013		
3.0	.160	.120	.088	.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	.026	.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	.019	.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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 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	26.9	28.1	27.1	28.3	28.5	26.5	27.7	26.7	27.9	28.1
3H	26.9	28.1	27.2	28.3	28.5	26.4	27.6	26.7	27.8	28.1
4H	26.8	27.9	27.1	28.2	28.4	26.3	27.4	26.6	27.7	27.9
6H	26.7	27.7	27.0	28.0	28.3	26.2	27.3	26.6	27.5	27.8
8H	26.7	27.7	27.0	27.9	28.2	26.2	27.2	26.5	27.5	27.8
12H	26.6	27.6	27.0	27.9	28.2	26.1	27.1	26.5	27.4	27.7
4H 2H	26.9	28.0	27.2	28.3	28.5	26.6	27.7	26.9	27.9	28.2
3H	27.0	27.9	27.3	28.2	28.5	26.5	27.5	26.9	27.8	28.1
4H	26.9	27.7	27.2	28.1	28.4	26.4	27.3	26.8	27.6	27.9
6H	26.8	27.5	27.2	27.9	28.3	26.3	27.1	26.7	27.4	27.8
8H	26.7	27.4	27.2	27.8	28.2	26.3	27.0	26.7	27.4	27.7
12H	26.7	27.3	27.1	27.7	28.1	26.2	26.9	26.7	27.3	27.7
8H 4H	26.7	27.4	27.2	27.8	28.2	26.3	27.0	26.7	27.4	27.8
6H	26.7	27.2	27.1	27.6	28.1	26.2	26.8	26.7	27.2	27.6
8H	26.6	27.1	27.1	27.5	28.0	26.2	26.7	26.6	27.1	27.6
12H	26.6	27.0	27.0	27.4	27.9	26.1	26.5	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	27.1	27.5	28.0	26.2	26.7	26.6	27.1	27.6
8H	26.6	27.0	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 / - 0.5				
2.0H	+ 1.8 / - 2.9					+ 1.9 / - 3.1				

CIE Pub.117, 825.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)
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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

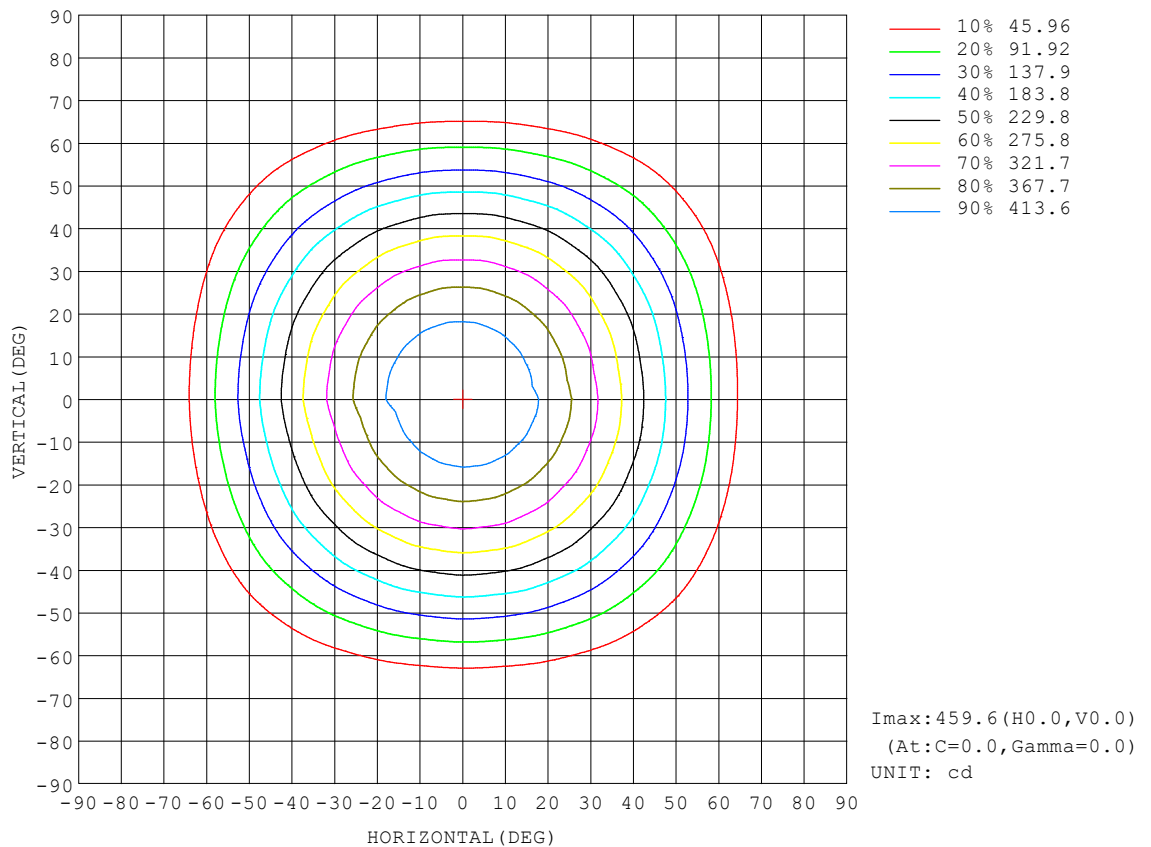
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	67	57	51	65	57	51	46
0.80	77	68	62	77	68	62	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	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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

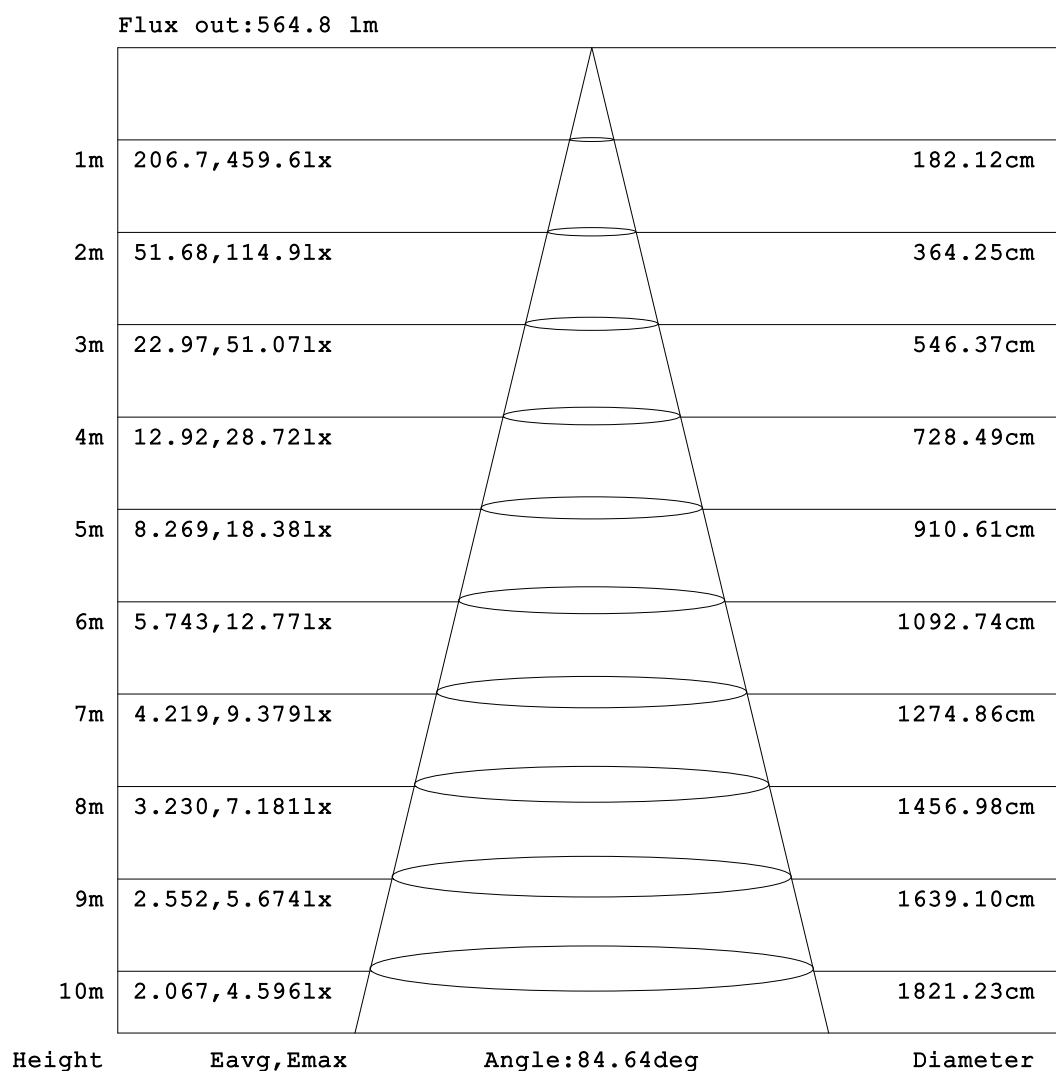


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 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

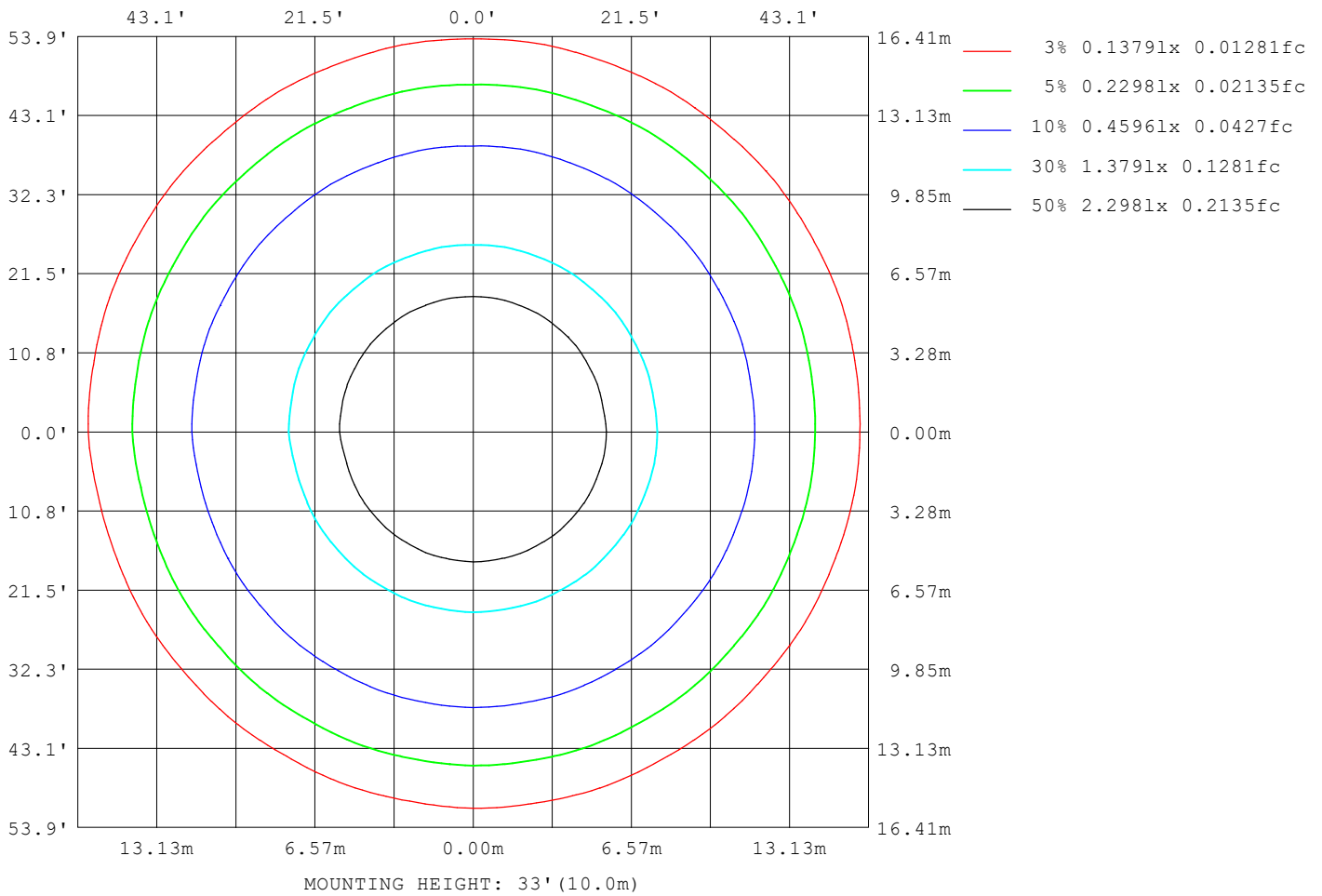
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	27482
L_0~180 (75) av	613
L_0~180 (85) av	37
L_90~270 (65) av	26690
L_90~270 (75) av	1030
L_90~270 (85) av	19
L_45 (65) av	26799
L_45 (75) av	989
L_45 (85) av	13

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

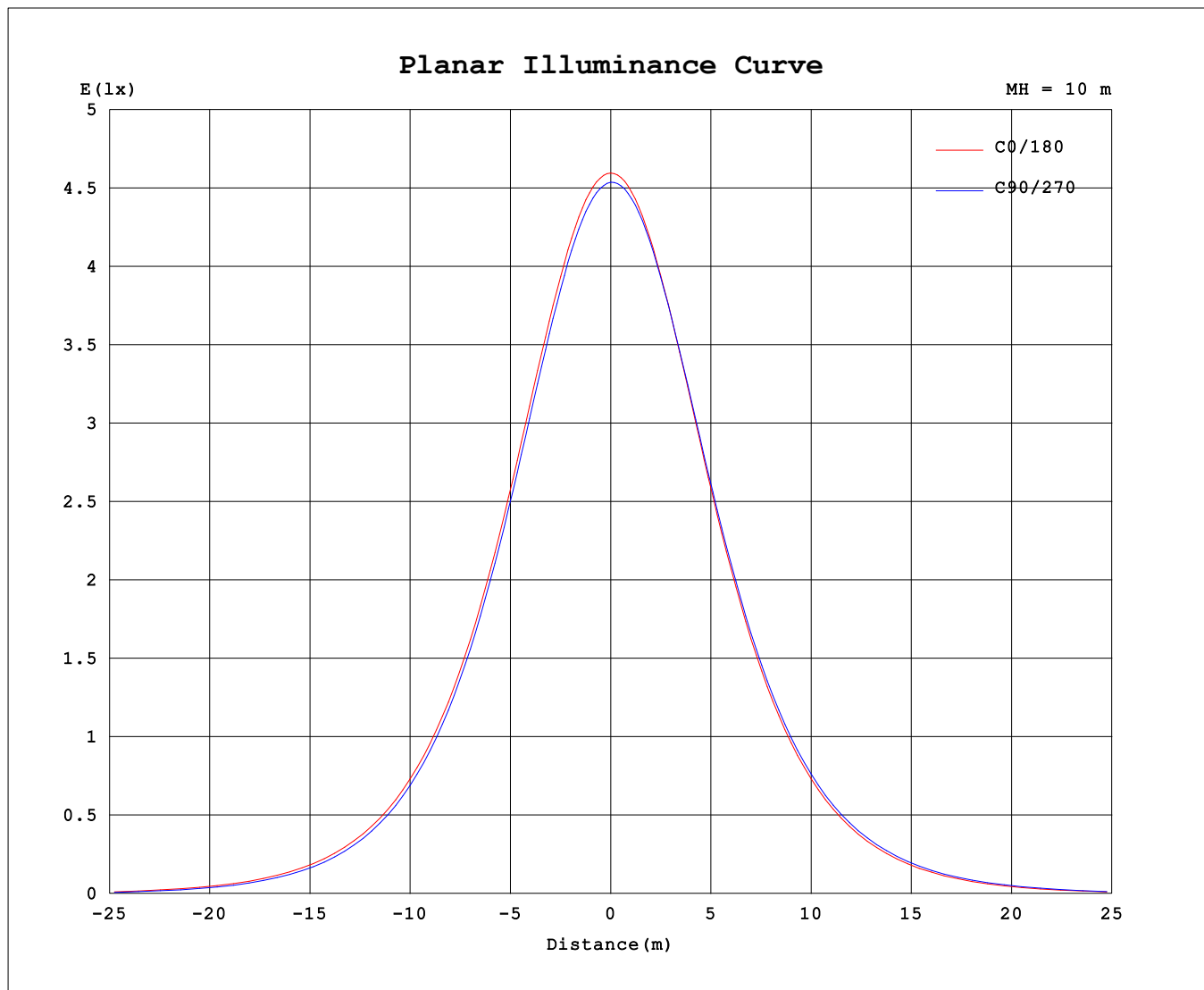
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 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	460	459	458	457	456	456	455	455	454	454	453	453	452	452	452	451	451	451	460
5	456	455	454	453	452	451	450	450	449	449	448	448	447	447	447	447	447	447	456
10	445	444	442	441	440	439	438	438	437	437	436	436	436	436	435	436	436	436	446
15	427	426	424	423	421	421	419	419	418	418	417	417	416	417	416	417	417	418	428
20	402	401	399	398	396	395	394	394	392	392	391	392	391	391	391	392	392	393	403
25	371	370	367	367	364	364	362	362	360	361	359	360	359	360	359	361	361	363	372
30	335	334	331	331	328	329	325	326	324	325	322	324	322	324	322	325	324	327	336
35	295	294	291	291	288	288	285	286	283	284	282	283	281	283	282	284	284	287	296
40	252	251	248	248	245	245	242	243	240	241	238	239	237	239	238	241	241	244	253
45	207	206	203	203	200	200	197	198	195	195	193	194	192	194	193	196	196	199	207
50	162	161	159	158	156	155	153	153	151	151	149	149	148	149	149	151	152	155	162
55	119	118	115	115	112	112	109	109	107	107	106	106	105	106	106	108	109	112	117
60	78.1	77.1	74.5	73.6	71.2	71.0	69.0	69.0	67.2	67.3	65.7	66.2	65.5	66.9	66.9	68.9	69.2	71.3	75.9
65	41.9	41.0	38.9	38.1	36.1	36.0	34.2	34.1	32.7	33.0	32.1	32.8	32.3	33.4	33.4	34.8	34.8	36.5	39.9
70	14.2	13.9	12.8	12.4	11.1	10.7	9.52	9.45	8.81	9.14	8.92	9.55	9.41	9.86	9.47	10.1	9.99	11.0	12.9
75	0.71	0.67	0.59	0.53	0.51	0.45	0.46	0.41	0.44	0.40	0.43	0.41	0.45	0.42	0.47	0.44	0.38	0.24	0.41
80	0.12	0.06	0.11	0.04	0.10	0.03	0.09	0.03	0.09	0.02	0.09	0.02	0.10	0.03	0.10	0.02	0.04	0.00	0.00
85	0.02	0.01	0.02	0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.00	0.02	0.00	0.00	0.00	0.00
90	0.01	0.03	0.01	0.02	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.00	0.03	0.00	0.03	0.00
95	0.03	0.09	0.03	0.09	0.04	0.10	0.04	0.11	0.05	0.10	0.05	0.11	0.04	0.10	0.05	0.10	0.04	0.10	0.06
100	0.12	0.18	0.12	0.18	0.13	0.19	0.13	0.19	0.15	0.20	0.15	0.20	0.15	0.20	0.15	0.20	0.13	0.19	0.12
105	0.24	0.30	0.26	0.31	0.26	0.33	0.27	0.32	0.27	0.33	0.28	0.33	0.27	0.33	0.27	0.32	0.26	0.31	0.23
110	0.40	0.46	0.41	0.47	0.42	0.48	0.43	0.48	0.43	0.49	0.44	0.49	0.43	0.49	0.43	0.48	0.42	0.47	0.37
115	0.59	0.64	0.59	0.65	0.61	0.66	0.62	0.68	0.62	0.67	0.62	0.68	0.62	0.66	0.62	0.66	0.61	0.66	0.53
120	0.79	0.85	0.80	0.86	0.81	0.87	0.83	0.88	0.83	0.88	0.83	0.88	0.83	0.88	0.83	0.88	0.81	0.87	0.71
125	1.02	1.07	1.02	1.08	1.03	1.09	1.05	1.10	1.05	1.11	1.06	1.11	1.06	1.10	1.05	1.09	1.04	1.09	0.92
130	1.25	1.30	1.25	1.31	1.26	1.32	1.27	1.33	1.28	1.34	1.28	1.33	1.28	1.33	1.28	1.33	1.26	1.32	1.14
135	1.48	1.53	1.48	1.54	1.49	1.55	1.50	1.56	1.51	1.57	1.52	1.56	1.51	1.56	1.50	1.55	1.49	1.55	1.37
140	1.71	1.76	1.71	1.77	1.72	1.77	1.72	1.79	1.74	1.79	1.75	1.79	1.74	1.79	1.73	1.79	1.72	1.78	1.59
145	1.93	1.98	1.92	1.98	1.94	1.99	1.94	2.01	1.96	2.02	1.97	2.02	1.96	2.01	1.95	2.00	1.94	1.99	1.83
150	2.15	2.20	2.14	2.19	2.14	2.20	2.16	2.22	2.17	2.24	2.19	2.23	2.17	2.22	2.16	2.21	2.15	2.21	2.03
155	2.34	2.39	2.32	2.38	2.33	2.39	2.34	2.40	2.36	2.42	2.36	2.42	2.36	2.41	2.34	2.40	2.34	2.39	2.24
160	2.50	2.56	2.49	2.55	2.50	2.56	2.51	2.57	2.52	2.58	2.53	2.59	2.53	2.57	2.51	2.57	2.51	2.57	2.44
165	2.66	2.71	2.64	2.70	2.64	2.70	2.65	2.71	2.66	2.72	2.66	2.72	2.66	2.71	2.66	2.71	2.66	2.71	2.61
170	2.76	2.83	2.76	2.81	2.75	2.82	2.76	2.81	2.76	2.81	2.75	2.80	2.76	2.82	2.77	2.83	2.77	2.82	2.76
175	2.84	2.87	2.84	2.87	2.82	2.86	2.84	2.85	2.82	2.84	2.81	2.84	2.82	2.85	2.83	2.84	2.83	2.83	2.86
180	2.87	2.87	2.86	2.87	2.86	2.86	2.85	2.85	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.83	2.83	2.87

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:230.18V I:0.0983A P:12.092W PF:0.5343 Freq:60.00Hz Lamp Flux:825.558x1 lm																	
NAME:									TYPE: 2700K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D67						Shielding Angle:		

Table--2

UNIT: cd

C (DEG) γ (DEG)	C (DEG)																	
	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	
0	459	458	457	456	456	455	455	454	454	453	453	452	452	452	451	451	451	
5	455	455	454	454	453	453	452	452	452	451	451	450	450	449	449	448	448	
10	445	445	444	445	444	444	444	444	443	443	442	442	441	440	439	439	438	
15	427	428	427	428	428	428	427	428	427	427	426	426	424	424	422	422	420	
20	403	404	403	405	404	405	405	405	404	404	403	403	401	401	399	398	397	
25	372	374	374	376	375	377	376	377	376	376	374	374	372	372	369	369	367	
30	336	339	338	341	340	342	341	343	341	342	340	340	338	338	335	334	332	
35	296	299	299	302	301	304	302	304	303	304	302	302	299	299	296	296	292	
40	252	256	256	259	258	261	260	262	260	262	260	260	257	257	254	254	250	
45	207	210	210	213	213	216	215	217	216	217	215	216	213	213	210	210	207	
50	162	165	165	167	167	170	169	171	171	172	170	171	169	169	166	166	163	
55	118	120	120	123	123	125	125	127	126	127	126	127	125	125	123	122	120	
60	76.5	78.6	78.9	80.9	81.0	82.9	83.0	84.6	84.0	84.9	83.8	84.4	83.1	83.6	81.8	81.7	79.5	
65	40.3	42.1	42.5	44.2	44.3	45.8	45.6	46.9	46.5	47.4	46.4	46.8	45.7	46.2	45.0	45.2	43.7	
70	13.2	14.5	14.9	16.2	16.3	17.2	17.0	17.6	17.3	17.9	17.4	17.8	17.0	17.2	16.3	16.4	15.5	
75	0.62	0.83	0.88	1.16	1.15	1.46	1.37	1.64	1.48	1.70	1.52	1.71	1.47	1.59	1.26	1.23	0.97	
80	0.11	0.07	0.14	0.07	0.14	0.08	0.14	0.08	0.14	0.08	0.14	0.09	0.14	0.08	0.13	0.07	0.13	
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	0.00	0.00	0.01	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	0.04	0.00	0.03	0.00	0.04	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.03	0.00	0.03	0.00	
100	0.06	0.11	0.06	0.11	0.05	0.11	0.04	0.11	0.05	0.09	0.04	0.10	0.05	0.10	0.05	0.11	0.05	
105	0.17	0.22	0.16	0.21	0.15	0.20	0.15	0.20	0.14	0.18	0.14	0.19	0.14	0.19	0.15	0.20	0.15	
110	0.30	0.34	0.29	0.34	0.28	0.33	0.27	0.33	0.27	0.32	0.27	0.31	0.26	0.32	0.27	0.33	0.28	
115	0.46	0.51	0.44	0.49	0.43	0.49	0.43	0.47	0.42	0.47	0.41	0.46	0.41	0.47	0.43	0.48	0.44	
120	0.65	0.69	0.63	0.67	0.62	0.66	0.60	0.65	0.61	0.65	0.59	0.65	0.59	0.65	0.61	0.66	0.63	
125	0.85	0.89	0.82	0.88	0.81	0.85	0.80	0.89	0.84	0.84	0.79	0.84	0.79	0.84	0.80	0.85	0.82	
130	1.07	1.11	1.04	1.08	1.02	1.07	1.00	1.08	1.05	1.04	0.99	1.04	0.99	1.06	1.01	1.07	1.04	
135	1.29	1.32	1.27	1.30	1.24	1.28	1.22	1.29	1.24	1.28	1.21	1.25	1.22	1.28	1.23	1.29	1.25	
140	1.51	1.54	1.48	1.53	1.45	1.50	1.45	1.51	1.47	1.49	1.43	1.48	1.44	1.49	1.44	1.51	1.47	
145	1.74	1.76	1.71	1.75	1.68	1.73	1.67	1.71	1.66	1.71	1.64	1.70	1.66	1.71	1.66	1.72	1.70	
150	1.96	1.98	1.92	1.97	1.90	1.94	1.89	1.94	1.87	1.92	1.87	1.92	1.87	1.93	1.87	1.94	1.90	
155	2.17	2.20	2.13	2.18	2.11	2.15	2.10	2.16	2.09	2.14	2.08	2.13	2.08	2.13	2.09	2.15	2.12	
160	2.36	2.40	2.33	2.38	2.31	2.36	2.31	2.36	2.29	2.35	2.29	2.34	2.27	2.33	2.28	2.36	2.32	
165	2.55	2.59	2.53	2.56	2.49	2.55	2.49	2.53	2.49	2.53	2.46	2.52	2.46	2.52	2.46	2.52	2.50	
170	2.69	2.74	2.68	2.72	2.64	2.70	2.62	2.67	2.61	2.67	2.62	2.67	2.61	2.67	2.61	2.67	2.62	
175	2.79	2.86	2.80	2.84	2.77	2.82	2.75	2.80	2.74	2.80	2.74	2.80	2.74	2.79	2.74	2.79	2.73	
180	2.85	2.86	2.86	2.87	2.86	2.86	2.84	2.84	2.82	2.83	2.82	2.84	2.84	2.84	2.82	2.82	2.81	

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: