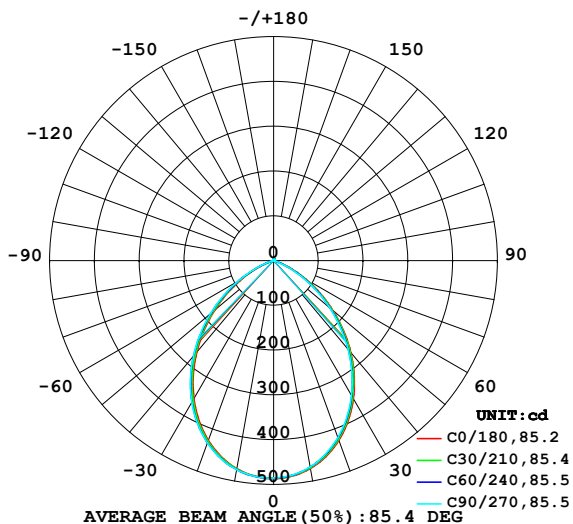


LUMINAIRE PHOTOMETRIC TEST REPORT

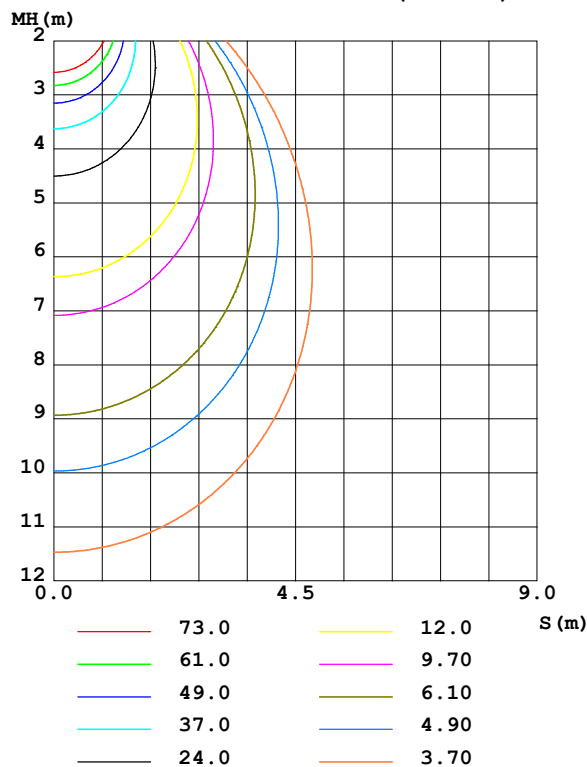
Test:U:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.75 lm/W			
MODEL	XL-1002-S12W	I _{max} (cd)	486.7	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)	886.00	η UP,DN(C0-180)	0.4,48.2
NOMINAL FLUX(lm)	885.997	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	471.6	469.4	468.2	467.7	471.9	473.6	474.2	472.9	0- 10	45.67	45.67	5.15,5.15
20	426.9	422.9	420.5	420.1	426.7	431.1	432.8	430.9	10- 20	127.2	172.8	19.5,19.5
30	356.5	351.4	348.3	347.2	356.0	362.5	365.5	363.4	20- 30	180.9	353.8	39.9,39.9
40	268.6	263.1	259.0	257.2	267.4	275.1	278.9	277.8	30- 40	195.7	549.5	62,62
50	173.4	167.9	163.3	161.1	171.3	178.6	182.9	182.4	40- 50	169.7	719.2	81.2,81.2
60	83.57	77.78	73.91	72.27	80.43	86.98	90.98	90.33	50- 60	112.5	831.7	93.9,93.9
70	15.38	12.47	10.23	10.38	13.33	17.45	19.22	18.82	60- 70	44.37	876.1	98.9,98.9
80	0.1252	0.0819	0.0388	0.0759	0	0.1259	0.1535	0.1285	70- 80	3.470	879.6	99.3,99.3
90	0.0112	0.0255	0.0452	0.0226	0.0058	0.0000	0	0.0001	80- 90	0.0241	879.6	99.3,99.3
100	0.1233	0.1798	0.2193	0.1906	0.1355	0.0926	0.0614	0.0872	90-100	0.0648	879.7	99.3,99.3
110	0.4266	0.4850	0.5288	0.4969	0.3935	0.3342	0.2969	0.3201	100-110	0.2773	879.9	99.3,99.3
120	0.8410	0.8989	0.9443	0.9232	0.7640	0.6991	0.6608	0.6739	110-120	0.5894	880.5	99.4,99.4
130	1.324	1.379	1.427	1.407	1.213	1.134	1.122	1.109	120-130	0.9179	881.4	99.5,99.5
140	1.801	1.853	1.915	1.889	1.691	1.600	1.576	1.575	130-140	1.154	882.6	99.6,99.6
150	2.263	2.305	2.392	2.353	2.157	2.072	2.026	2.044	140-150	1.230	883.8	99.8,99.8
160	2.644	2.689	2.763	2.734	2.583	2.512	2.464	2.473	150-160	1.109	884.9	99.9,99.9
170	2.925	2.964	3.004	3.001	2.920	2.861	2.801	2.827	160-170	0.7816	885.7	100,100
180	3.043	3.054	3.037	3.052	3.037	3.057	3.037	3.046	170-180	0.2840	886.0	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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz

Lamp Flux:885.997x1 lm

NAME:

TYPE: 6500K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

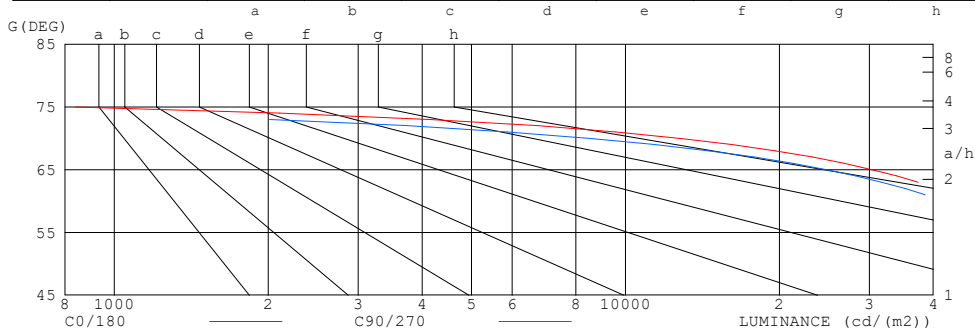
MFR.:

SUR.: D67

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



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	73	55
80	205	63
75	839	491
70	12763	8490
65	30357	24715
60	47427	41945
55	62850	57772
50	76551	72079
45	88666	84690

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%

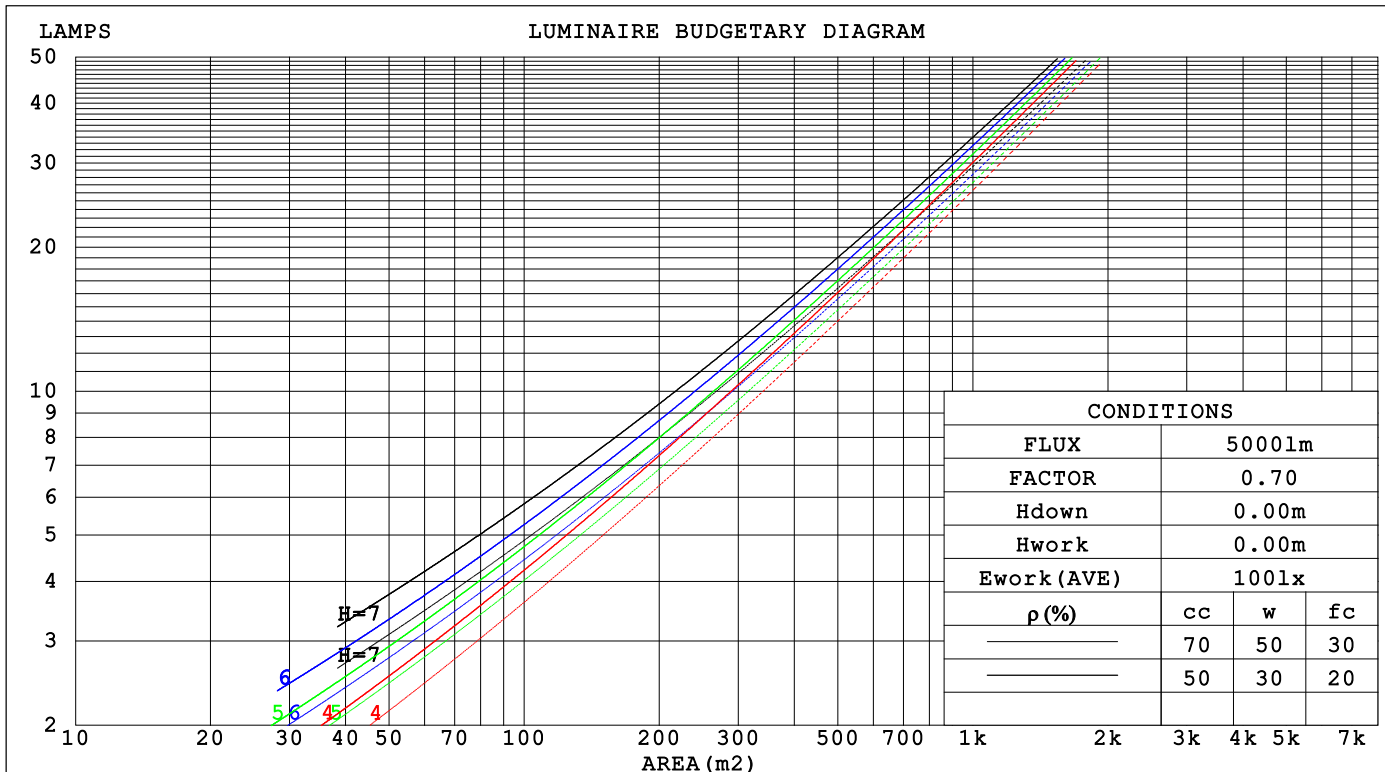
Test Distance:8.910m [K=1.0000]

Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm		
NAME:	TYPE: 6500K	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	.65	.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	.45	.41	.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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm					
NAME:		TYPE: 6500K		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	.197	.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	.133	.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	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.180	.162	.146	.154	.139	.126	.106	.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	.145	.095	.058	.124	.082	.051	.086	.057	.036	.050	.034	.021	.016	.011	.007		
6.0	.138	.086	.049	.119	.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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm											
NAME:					TYPE: 6500K			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	28.2	27.1	28.4	28.6	26.6	27.8	26.8	28.0	28.2
	3H	26.9	28.1	27.2	28.3	28.6	26.5	27.7	26.8	27.9	28.2
	4H	26.8	27.9	27.1	28.2	28.4	26.4	27.5	26.7	27.8	28.0
	6H	26.7	27.8	27.1	28.0	28.3	26.3	27.4	26.7	27.6	27.9
	8H	26.7	27.7	27.0	28.0	28.3	26.3	27.3	26.6	27.6	27.8
	12H	26.6	27.6	27.0	27.9	28.2	26.2	27.2	26.6	27.5	27.8
4H	2H	26.9	28.0	27.2	28.3	28.5	26.6	27.7	26.9	28.0	28.2
	3H	27.0	27.9	27.4	28.2	28.5	26.6	27.6	27.0	27.9	28.2
	4H	26.9	27.8	27.3	28.1	28.4	26.5	27.4	26.9	27.7	28.0
	6H	26.8	27.6	27.2	27.9	28.3	26.4	27.2	26.8	27.5	27.9
	8H	26.8	27.5	27.2	27.8	28.2	26.4	27.1	26.8	27.5	27.8
	12H	26.7	27.4	27.2	27.7	28.2	26.3	27.0	26.8	27.4	27.8
8H	4H	26.8	27.5	27.2	27.8	28.2	26.4	27.1	26.8	27.5	27.9
	6H	26.7	27.2	27.1	27.7	28.1	26.3	26.9	26.8	27.3	27.7
	8H	26.6	27.1	27.1	27.6	28.0	26.3	26.8	26.7	27.2	27.7
	12H	26.6	27.0	27.1	27.5	28.0	26.2	26.6	26.7	27.1	27.6
12H	4H	26.7	27.4	27.2	27.7	28.2	26.4	27.0	26.8	27.4	27.8
	6H	26.6	27.1	27.1	27.6	28.0	26.3	26.8	26.7	27.2	27.7
	8H	26.6	27.0	27.1	27.5	28.0	26.2	26.6	26.7	27.1	27.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.9 / - 1.3					+ 1.0 / - 1.4				
1.5H		+ 0.5 / - 0.7					+ 0.4 / - 0.5				
2.0H		+ 1.8 / - 2.8					+ 1.8 / - 3.0				

CIE Pub.117, 886.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

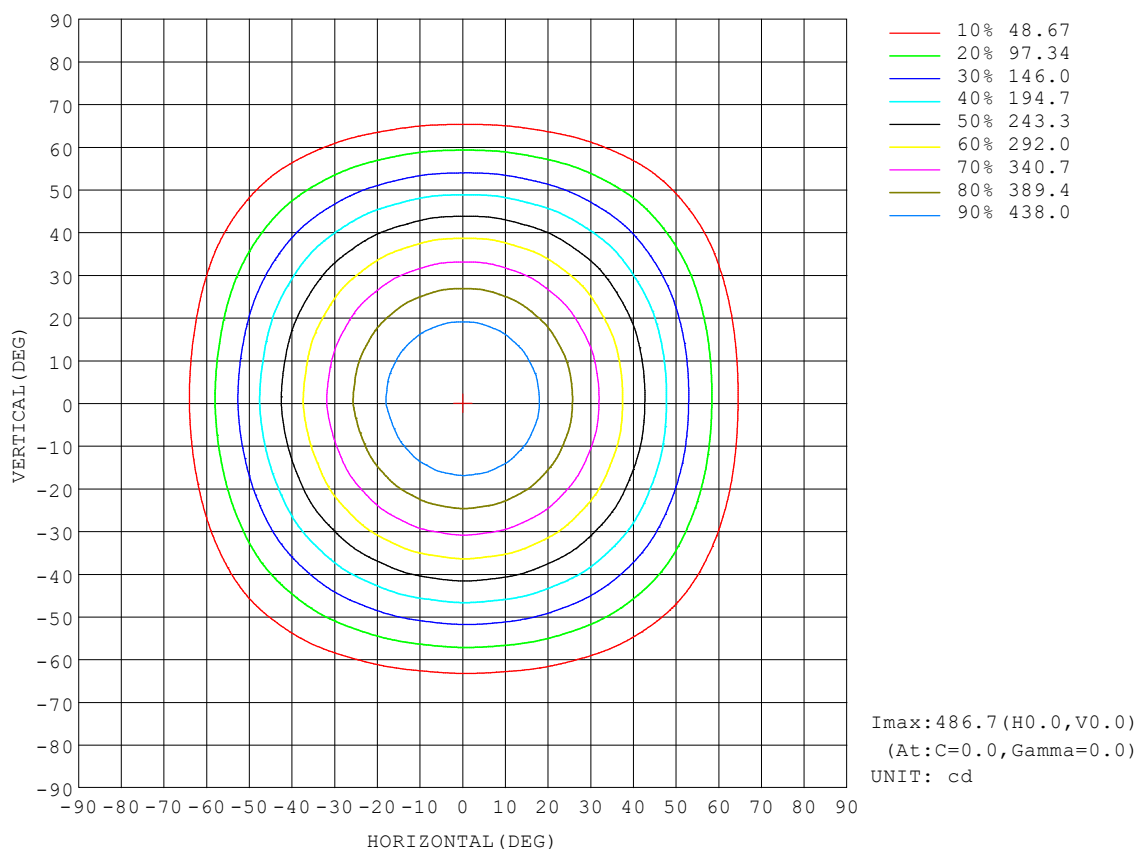
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	57	51	46
0.80	77	68	62	76	67	62	75	67	61	55
1.00	86	77	71	84	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	91	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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

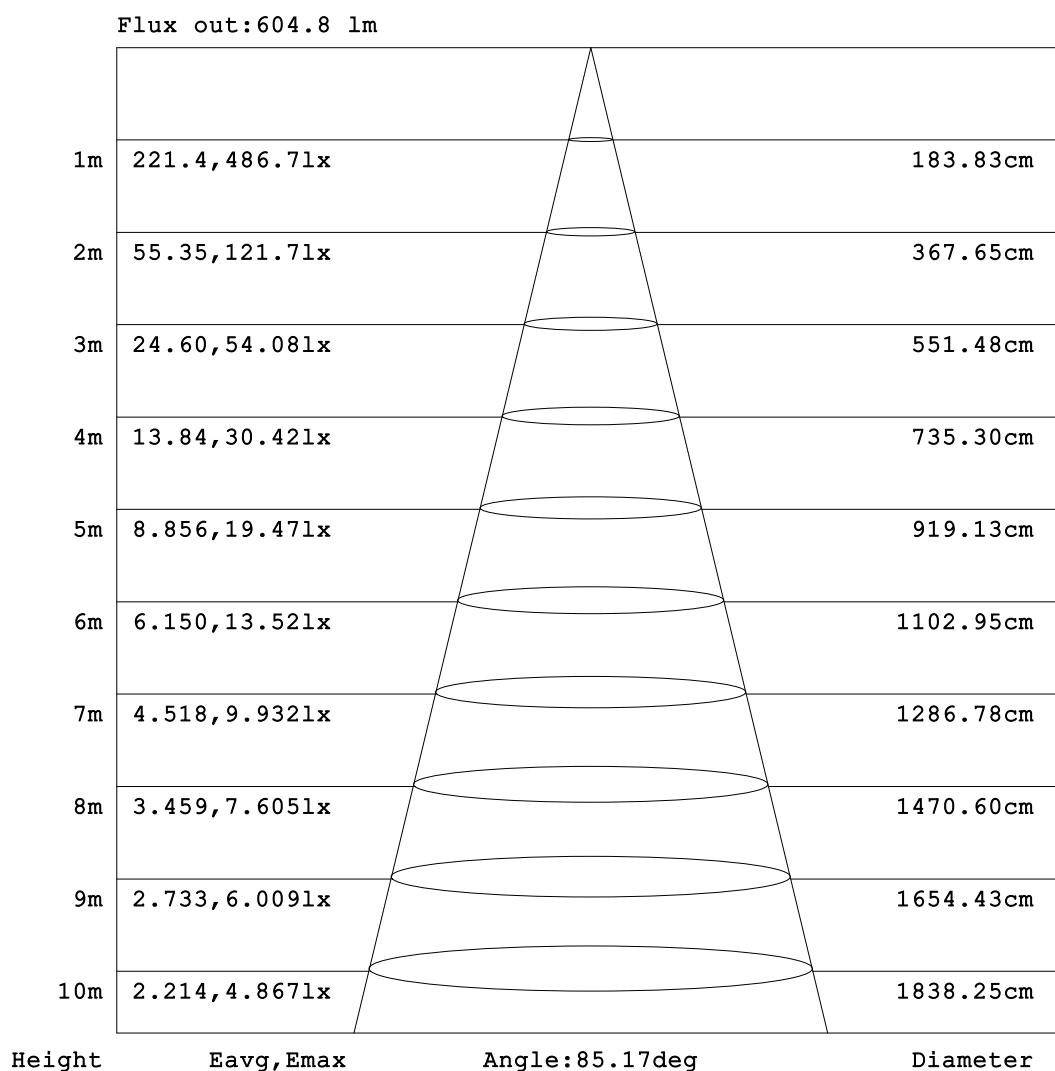


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm		
NAME:	TYPE: 6500K	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

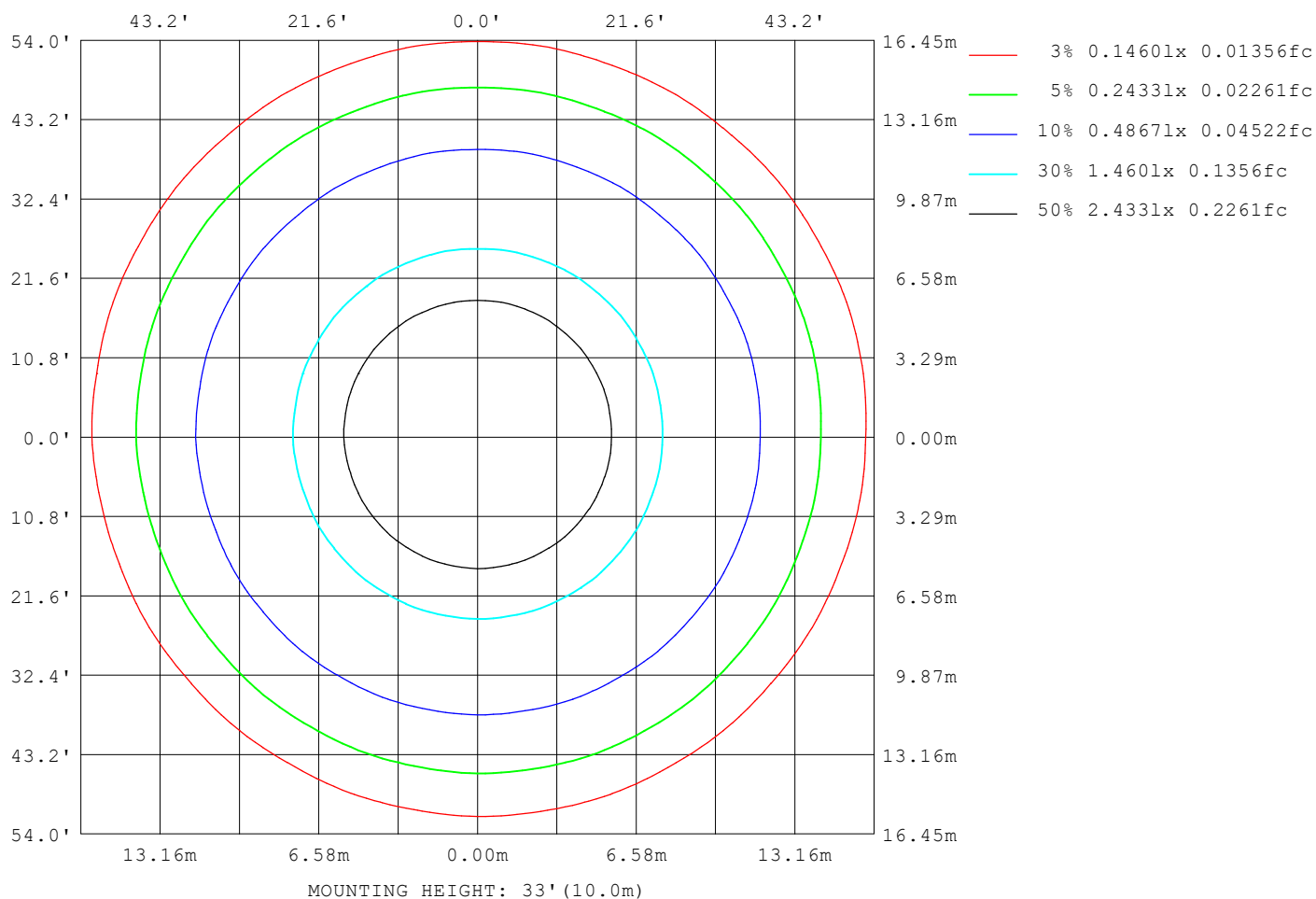
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm		
NAME:	TYPE: 6500K	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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

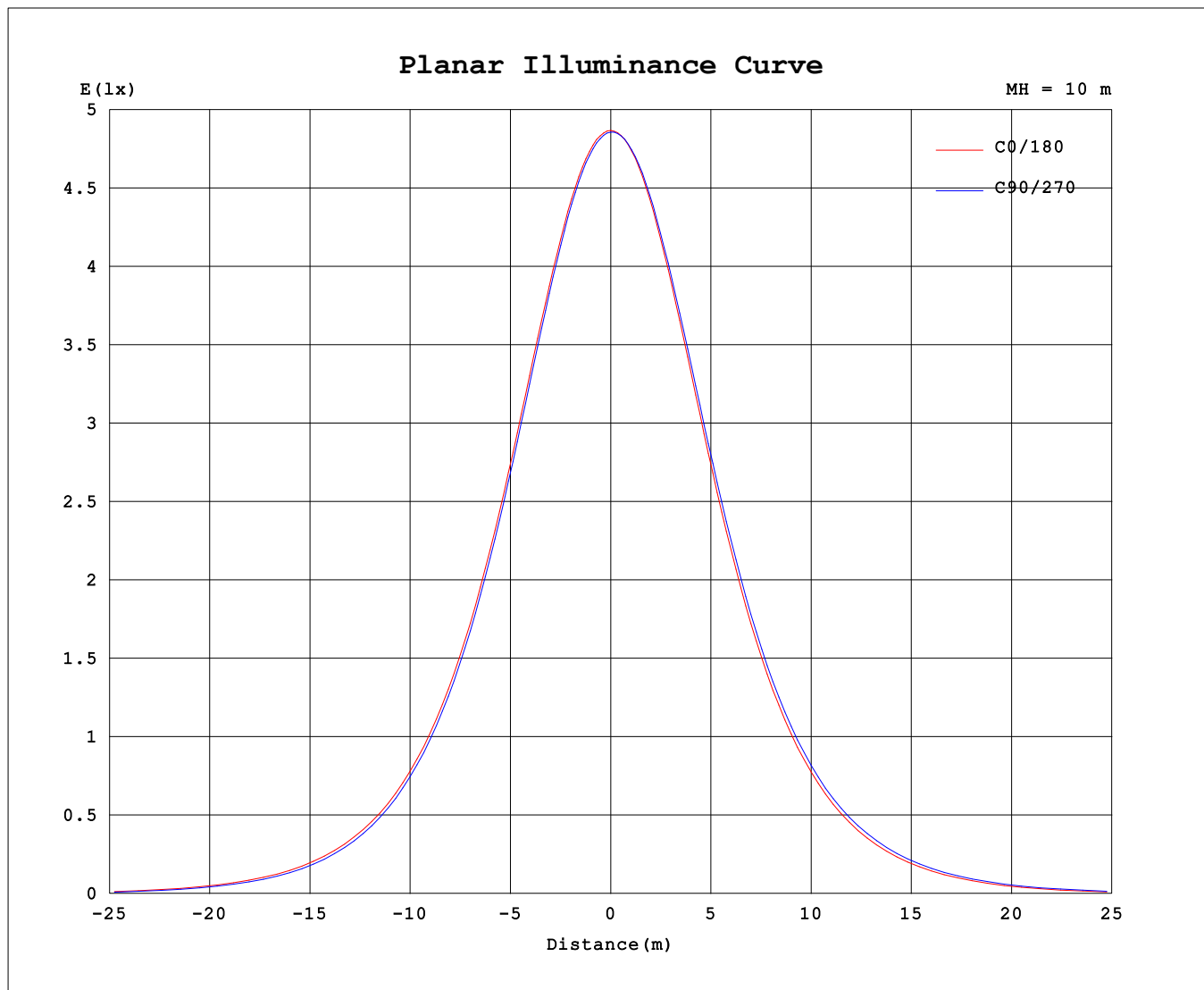
AvgL	cd/m2
L_0~180 (65) av	29238
L_0~180 (75) av	649
L_0~180 (85) av	37
L_90~270 (65) av	29393
L_90~270 (75) av	1149
L_90~270 (85) av	46
L_45 (65) av	29189
L_45 (75) av	1084
L_45 (85) av	26

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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm																		
NAME:									TYPE: 6500K					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	487	486	486	486	486	486	486	486	486	486	485	485	485	485	485	485	485	485	487
5	483	483	482	482	482	482	481	481	481	481	480	480	480	480	480	480	480	481	483
10	472	471	470	470	469	469	469	469	468	468	468	468	467	468	468	468	468	469	472
15	453	452	451	451	450	450	449	449	448	448	447	448	447	448	447	448	448	450	453
20	427	426	425	424	423	423	421	421	420	420	419	420	419	420	420	421	421	423	427
25	395	394	392	392	390	390	388	388	387	387	386	386	386	387	386	388	388	390	394
30	357	356	354	354	351	352	349	350	347	348	346	348	346	348	347	349	349	352	356
35	314	314	311	311	309	309	306	307	304	305	303	304	303	304	303	306	305	309	313
40	269	269	266	266	263	263	261	261	258	259	257	258	256	258	257	259	259	262	267
45	221	221	218	218	215	216	213	213	210	211	209	210	208	209	208	211	211	215	220
50	173	173	170	170	168	168	166	166	163	163	161	162	160	161	161	163	164	167	171
55	127	126	124	123	121	121	119	119	117	117	115	115	114	115	115	117	117	120	124
60	83.6	82.8	80.6	80.0	77.9	77.6	75.9	75.7	73.9	73.9	72.2	72.4	71.4	72.4	72.2	74.2	74.5	76.8	80.4
65	45.2	44.7	42.7	42.0	40.2	39.8	38.3	38.1	36.7	36.8	35.6	35.9	35.1	36.2	35.8	37.3	37.2	39.0	41.9
70	15.4	15.3	14.2	13.9	12.7	12.2	11.1	10.8	10.0	10.2	9.86	10.4	10.2	10.6	10.1	10.8	10.6	11.6	13.3
75	0.77	0.73	0.63	0.58	0.58	0.51	0.52	0.46	0.49	0.45	0.49	0.45	0.49	0.47	0.51	0.48	0.42	0.26	0.42
80	0.13	0.07	0.12	0.05	0.11	0.05	0.10	0.04	0.10	0.04	0.10	0.03	0.10	0.04	0.11	0.03	0.06	0.00	0.00
85	0.02	0.01	0.03	0.01	0.02	0.01	0.02	0.02	0.03	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.00	0.00
90	0.01	0.03	0.01	0.03	0.01	0.04	0.01	0.04	0.02	0.05	0.01	0.04	0.01	0.04	0.01	0.04	0.00	0.03	0.01
95	0.04	0.10	0.04	0.10	0.04	0.11	0.05	0.12	0.06	0.11	0.06	0.11	0.06	0.11	0.06	0.11	0.05	0.11	0.06
100	0.12	0.19	0.15	0.20	0.15	0.21	0.16	0.22	0.17	0.22	0.17	0.22	0.17	0.21	0.17	0.21	0.16	0.21	0.14
105	0.26	0.33	0.27	0.33	0.29	0.34	0.29	0.35	0.30	0.36	0.30	0.36	0.31	0.36	0.30	0.35	0.29	0.34	0.24
110	0.43	0.49	0.44	0.50	0.45	0.52	0.46	0.52	0.47	0.53	0.48	0.53	0.48	0.52	0.47	0.53	0.46	0.51	0.39
115	0.62	0.69	0.63	0.70	0.65	0.71	0.66	0.73	0.67	0.73	0.67	0.72	0.68	0.73	0.67	0.72	0.67	0.71	0.57
120	0.84	0.90	0.86	0.91	0.87	0.93	0.89	0.94	0.90	0.94	0.90	0.95	0.90	0.95	0.90	0.94	0.89	0.93	0.76
125	1.08	1.14	1.09	1.15	1.11	1.16	1.12	1.18	1.14	1.18	1.14	1.19	1.14	1.19	1.14	1.18	1.13	1.17	0.98
130	1.32	1.38	1.33	1.39	1.35	1.41	1.36	1.41	1.37	1.43	1.37	1.43	1.38	1.43	1.39	1.43	1.37	1.43	1.21
135	1.57	1.62	1.57	1.63	1.59	1.65	1.61	1.66	1.62	1.68	1.63	1.68	1.63	1.67	1.63	1.67	1.62	1.67	1.44
140	1.80	1.85	1.80	1.87	1.82	1.88	1.83	1.89	1.85	1.92	1.87	1.91	1.86	1.92	1.86	1.91	1.86	1.91	1.69
145	2.04	2.09	2.04	2.10	2.06	2.12	2.08	2.13	2.08	2.16	2.11	2.16	2.11	2.16	2.10	2.15	2.09	2.15	1.92
150	2.26	2.32	2.26	2.33	2.27	2.34	2.30	2.36	2.32	2.39	2.34	2.39	2.33	2.38	2.32	2.38	2.31	2.38	2.16
155	2.47	2.52	2.48	2.52	2.48	2.54	2.49	2.57	2.53	2.59	2.53	2.59	2.53	2.58	2.52	2.58	2.52	2.58	2.38
160	2.64	2.70	2.65	2.70	2.66	2.72	2.68	2.75	2.70	2.76	2.72	2.76	2.71	2.76	2.71	2.76	2.71	2.76	2.58
165	2.81	2.86	2.81	2.86	2.81	2.88	2.82	2.89	2.85	2.91	2.86	2.91	2.84	2.91	2.85	2.92	2.86	2.93	2.77
170	2.92	2.99	2.92	2.98	2.93	3.00	2.95	3.00	2.95	3.00	2.94	3.00	2.95	3.03	2.98	3.04	2.98	3.04	2.92
175	3.01	3.04	3.02	3.04	3.02	3.05	3.03	3.05	3.01	3.04	3.01	3.04	3.02	3.05	3.04	3.05	3.03	3.04	3.04
180	3.04	3.04	3.03	3.04	3.05	3.05	3.05	3.05	3.04	3.04	3.04	3.04	3.05	3.05	3.05	3.05	3.04	3.04	3.04

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:230.19V I:0.0979A P:12.014W PF:0.5332 Freq:60.00Hz Lamp Flux:885.997x1 lm																	
NAME:									TYPE: 6500K						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	486	486	486	486	486	486	486	486	486	485	485	485	485	485	485	485	485		
5	483	483	483	484	484	484	484	484	484	484	483	483	483	483	482	482	482		
10	472	473	473	473	474	474	474	475	474	474	474	474	473	473	472	472	471		
15	453	454	455	456	456	457	457	458	457	457	457	457	455	455	454	454	453		
20	427	429	429	431	431	433	432	433	433	433	432	432	431	431	429	429	427		
25	394	397	397	400	400	402	401	403	402	403	402	402	400	400	398	398	396		
30	356	359	360	362	363	365	365	366	365	367	365	366	363	363	361	361	358		
35	314	317	317	321	321	323	323	325	324	326	324	325	322	323	319	320	316		
40	268	271	272	275	275	278	278	280	279	281	279	280	278	278	275	275	271		
45	220	223	224	227	227	230	230	232	231	233	232	233	230	231	227	228	224		
50	172	175	176	179	179	182	181	184	183	185	183	184	182	183	180	180	177		
55	125	128	129	131	132	134	135	137	136	137	136	137	135	135	133	133	130		
60	81.2	83.6	84.3	86.7	87.2	89.4	89.7	91.5	91.0	92.0	90.9	91.6	90.2	90.5	88.7	88.8	86.6		
65	42.5	44.6	45.3	47.4	47.9	49.7	49.8	51.2	50.7	51.6	50.7	51.2	50.0	50.4	49.0	49.2	47.6		
70	13.8	15.2	15.8	17.3	17.6	18.7	18.6	19.6	19.2	19.8	19.3	19.7	18.7	18.9	17.9	18.1	17.1		
75	0.64	0.85	0.92	1.22	1.25	1.56	1.51	1.76	1.65	1.86	1.71	1.85	1.63	1.75	1.37	1.35	1.06		
80	0.11	0.08	0.14	0.09	0.16	0.10	0.16	0.10	0.15	0.10	0.16	0.11	0.16	0.10	0.15	0.09	0.14		
85	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.01	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	0.06	0.00	0.04	0.00	0.04	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.05	0.00	0.05	0.00		
100	0.07	0.13	0.07	0.12	0.06	0.11	0.06	0.11	0.06	0.10	0.05	0.11	0.06	0.11	0.06	0.12	0.06		
105	0.18	0.24	0.18	0.23	0.17	0.22	0.16	0.21	0.16	0.21	0.16	0.21	0.16	0.22	0.16	0.22	0.17		
110	0.33	0.38	0.31	0.37	0.30	0.36	0.30	0.35	0.30	0.35	0.29	0.34	0.29	0.35	0.30	0.36	0.31		
115	0.50	0.54	0.48	0.53	0.47	0.53	0.47	0.51	0.45	0.51	0.45	0.50	0.45	0.51	0.47	0.52	0.48		
120	0.70	0.74	0.68	0.73	0.67	0.72	0.66	0.71	0.66	0.70	0.65	0.70	0.64	0.70	0.66	0.72	0.67		
125	0.92	0.96	0.90	0.94	0.88	0.93	0.86	0.95	0.91	0.91	0.85	0.90	0.85	0.92	0.86	0.93	0.89		
130	1.15	1.19	1.12	1.17	1.10	1.15	1.09	1.16	1.12	1.13	1.08	1.13	1.08	1.14	1.09	1.16	1.11		
135	1.37	1.42	1.35	1.39	1.34	1.38	1.32	1.39	1.34	1.37	1.31	1.36	1.31	1.37	1.33	1.38	1.35		
140	1.62	1.65	1.59	1.63	1.57	1.61	1.56	1.61	1.58	1.61	1.54	1.59	1.54	1.61	1.55	1.62	1.59		
145	1.85	1.88	1.82	1.87	1.80	1.85	1.79	1.84	1.78	1.83	1.76	1.83	1.77	1.84	1.79	1.85	1.81		
150	2.09	2.11	2.05	2.11	2.04	2.08	2.03	2.09	2.03	2.07	2.01	2.07	2.02	2.07	2.02	2.08	2.05		
155	2.31	2.34	2.27	2.32	2.26	2.32	2.26	2.31	2.25	2.30	2.24	2.29	2.24	2.30	2.25	2.31	2.28		
160	2.51	2.57	2.49	2.54	2.48	2.53	2.47	2.52	2.46	2.50	2.46	2.51	2.44	2.50	2.45	2.53	2.49		
165	2.71	2.76	2.69	2.73	2.66	2.72	2.67	2.72	2.66	2.71	2.65	2.71	2.64	2.70	2.65	2.71	2.68		
170	2.86	2.91	2.85	2.89	2.83	2.87	2.80	2.86	2.80	2.86	2.80	2.86	2.80	2.86	2.80	2.87	2.82		
175	2.97	3.03	2.97	3.03	2.96	3.00	2.94	2.99	2.94	2.99	2.94	3.01	2.95	3.00	2.94	3.00	2.95		
180	3.04	3.04	3.04	3.07	3.05	3.05	3.03	3.04	3.04	3.04	3.03	3.04	3.04	3.05	3.03	3.04	3.03		

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: