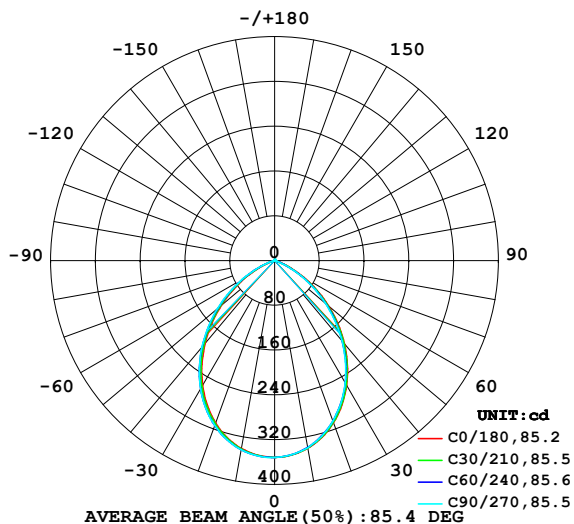


LUMINAIRE PHOTOMETRIC TEST REPORT

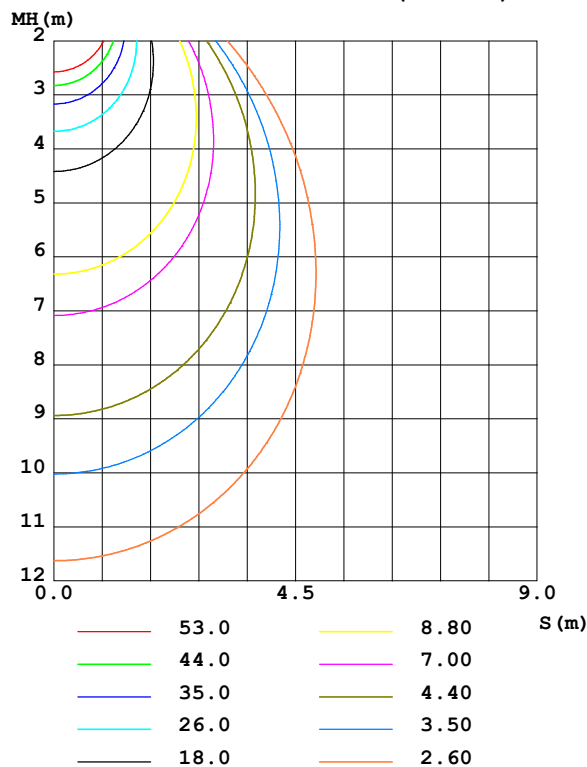
Test:U:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.12 lm/W
MODEL	XL-1002-S8W	I _{max} (cd)	352.4	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)	642.37	η UP,DN(C0-180)	0.4,48.2	
NOMINAL FLUX(lm)	642.367	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	340.6	339.6	339.5	339.7	341.0	342.5	343.2	343.3	0- 10	33.08	33.08	5.15,5.15
20	308.2	306.1	305.0	305.2	308.7	312.0	313.4	313.0	10- 20	92.17	125.2	19.5,19.5
30	257.5	254.3	252.4	252.2	257.4	262.5	264.7	264.1	20- 30	131.2	256.4	39.9,39.9
40	194.2	190.3	187.6	186.7	193.3	199.1	202.1	201.8	30- 40	141.9	398.3	62,62
50	125.7	121.6	118.2	117.1	123.9	129.7	133.2	132.9	40- 50	123.2	521.4	81.2,81.2
60	60.54	56.32	53.47	52.54	58.25	63.14	66.08	65.77	50- 60	81.68	603.1	93.9,93.9
70	11.18	9.047	7.388	7.544	9.666	12.67	13.98	13.73	60- 70	32.24	635.3	98.9,98.9
80	0.0843	0.0367	0	0.0314	0	0.0675	0.1027	0.0650	70- 80	2.505	637.9	99.3,99.3
90	0	0.0029	0.0116	0.0085	0	0	0	0	80- 90	0.0081	637.9	99.3,99.3
100	0.0612	0.1041	0.1463	0.1094	0.0844	0.0452	0.0055	0.0365	90-100	0.0300	637.9	99.3,99.3
110	0.2803	0.3254	0.3661	0.3371	0.2639	0.2242	0.1792	0.2077	100-110	0.1748	638.1	99.3,99.3
120	0.5779	0.6230	0.6692	0.6485	0.5342	0.4826	0.4489	0.4658	110-120	0.4033	638.5	99.4,99.4
130	0.9263	0.9686	1.016	0.9966	0.8546	0.7943	0.7798	0.7890	120-130	0.6439	639.1	99.5,99.5
140	1.280	1.325	1.371	1.356	1.202	1.134	1.100	1.120	130-140	0.8183	639.9	99.6,99.6
150	1.616	1.651	1.724	1.693	1.550	1.482	1.442	1.468	140-150	0.8799	640.8	99.8,99.8
160	1.881	1.914	1.983	1.954	1.858	1.791	1.757	1.780	150-160	0.7947	641.6	99.9,99.9
170	2.077	2.117	2.156	2.153	2.089	2.047	1.993	2.027	160-170	0.5588	642.2	100,100
180	2.162	2.176	2.167	2.181	2.162	2.173	2.162	2.176	170-180	0.2030	642.4	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:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz

Lamp Flux:642.367x1 lm

NAME:

TYPE: 6500K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

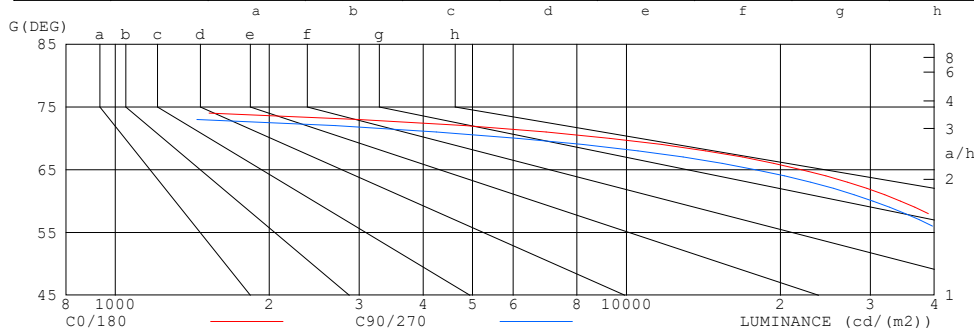
MFR.:

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



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%

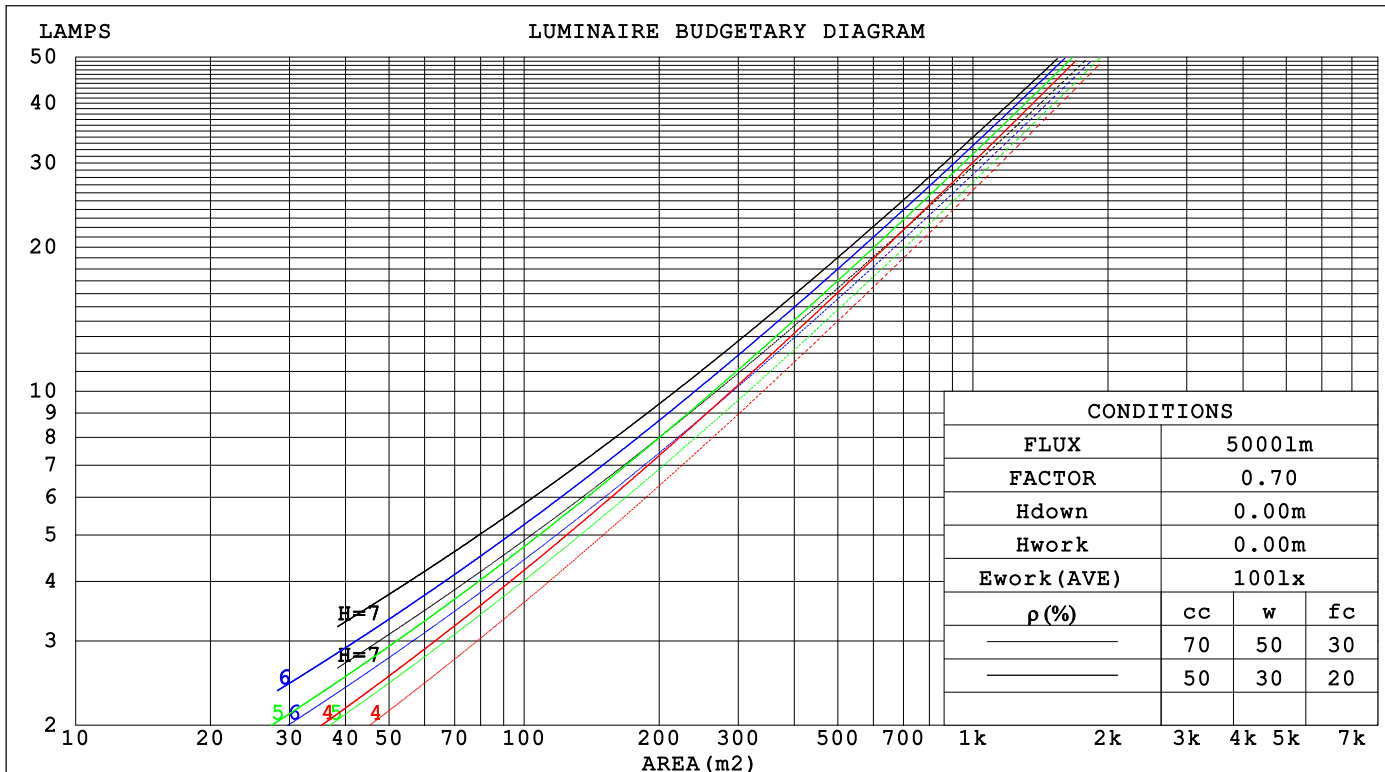
Test Distance:8.910m [K=1.0000]

Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 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:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 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	.220	.121	.037	.208	.116	.036	.197	.111	.035	.188	.106	.033		
3.0	.216	.115	.035	.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	.191	.098	.028	.183	.095	.028	.175	.093	.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	.159	.081	.024	.153	.079	.023		
8.0	.165	.080	.023	.162	.080	.023	.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	.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	.075	.043	.082	.052	.030	.047	.031	.018	.015	.010	.006		
7.0	.132	.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	.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:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 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	28.1	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	28.6	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	28.2	26.3	27.3	26.6	27.5	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	27.3	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	27.4	27.8
12H		26.7	27.3	27.1	27.7	28.1	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	27.8
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	27.6
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	27.6
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					+ 1.9 / - 3.0				

CIE Pub.117, 642.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.5)
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:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

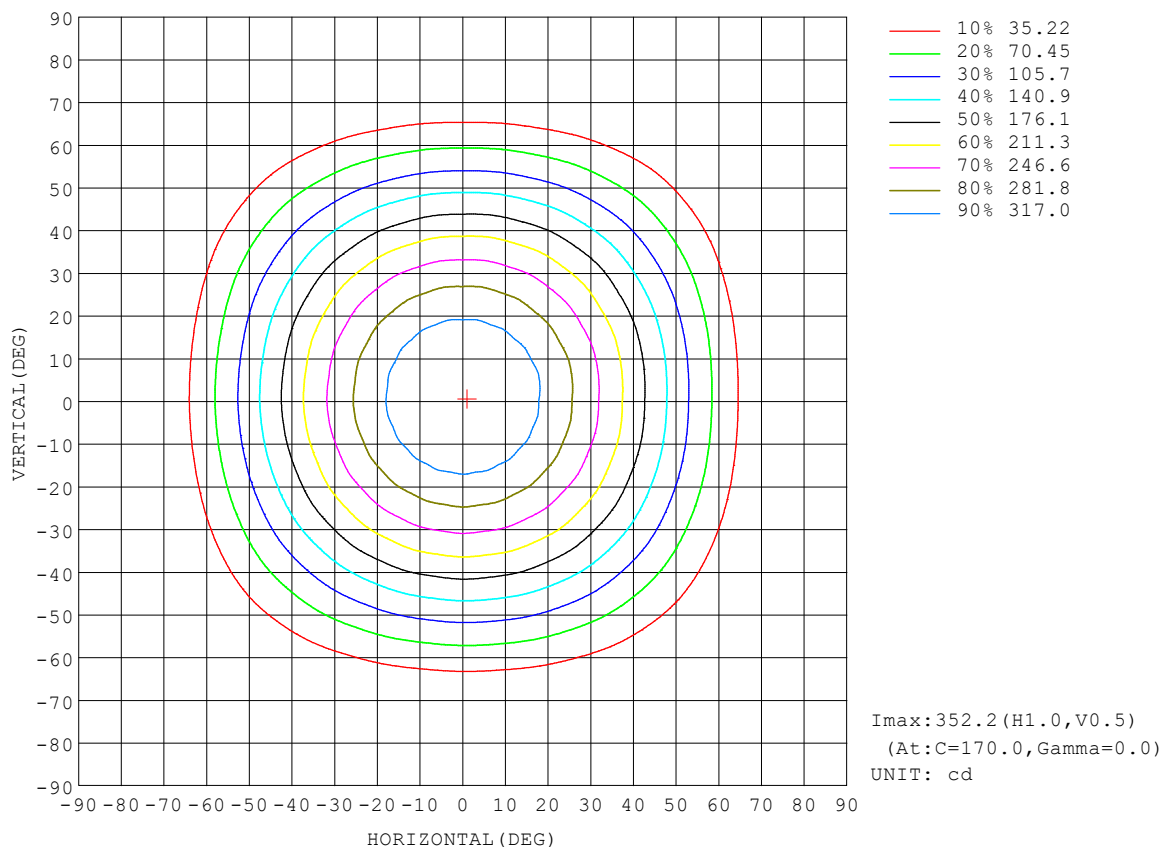
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	56	51	45
0.80	77	68	62	76	67	62	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:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

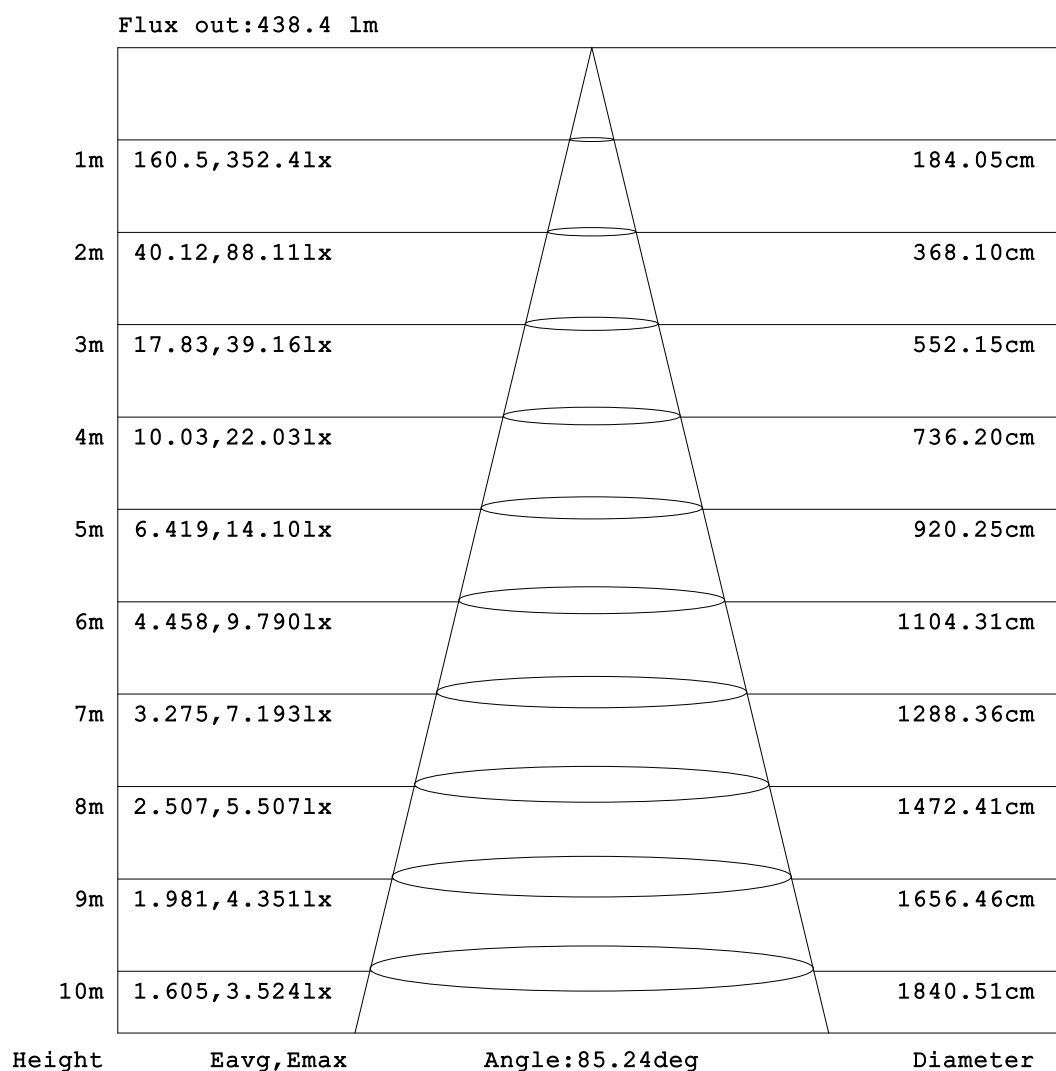


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 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

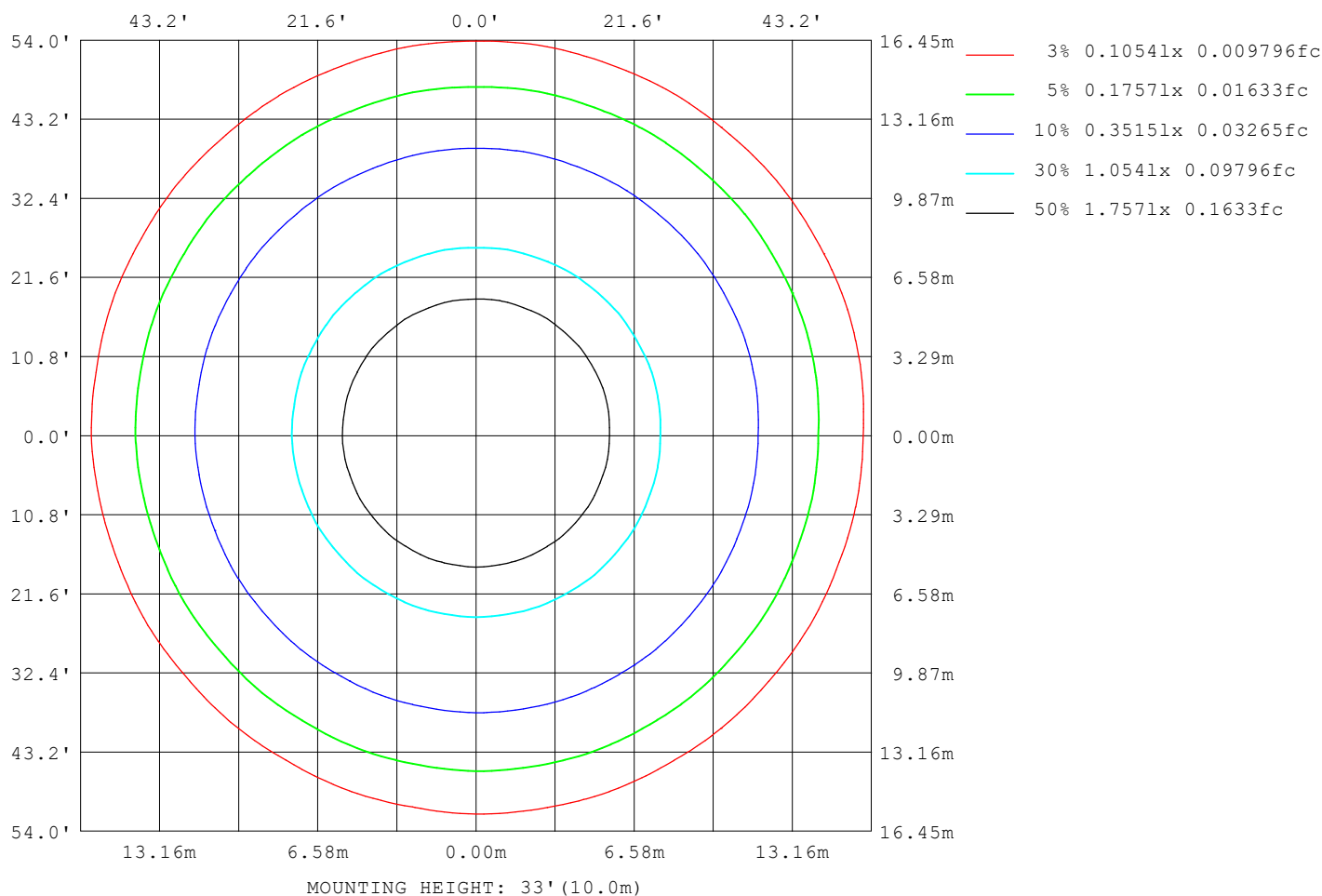
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 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:

LED Avg.L Report

Test:U:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	21201
L_0~180 (75) av	444
L_0~180 (85) av	0
L_90~270 (65) av	21324
L_90~270 (75) av	799
L_90~270 (85) av	0
L_45 (65) av	21214
L_45 (75) av	770
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

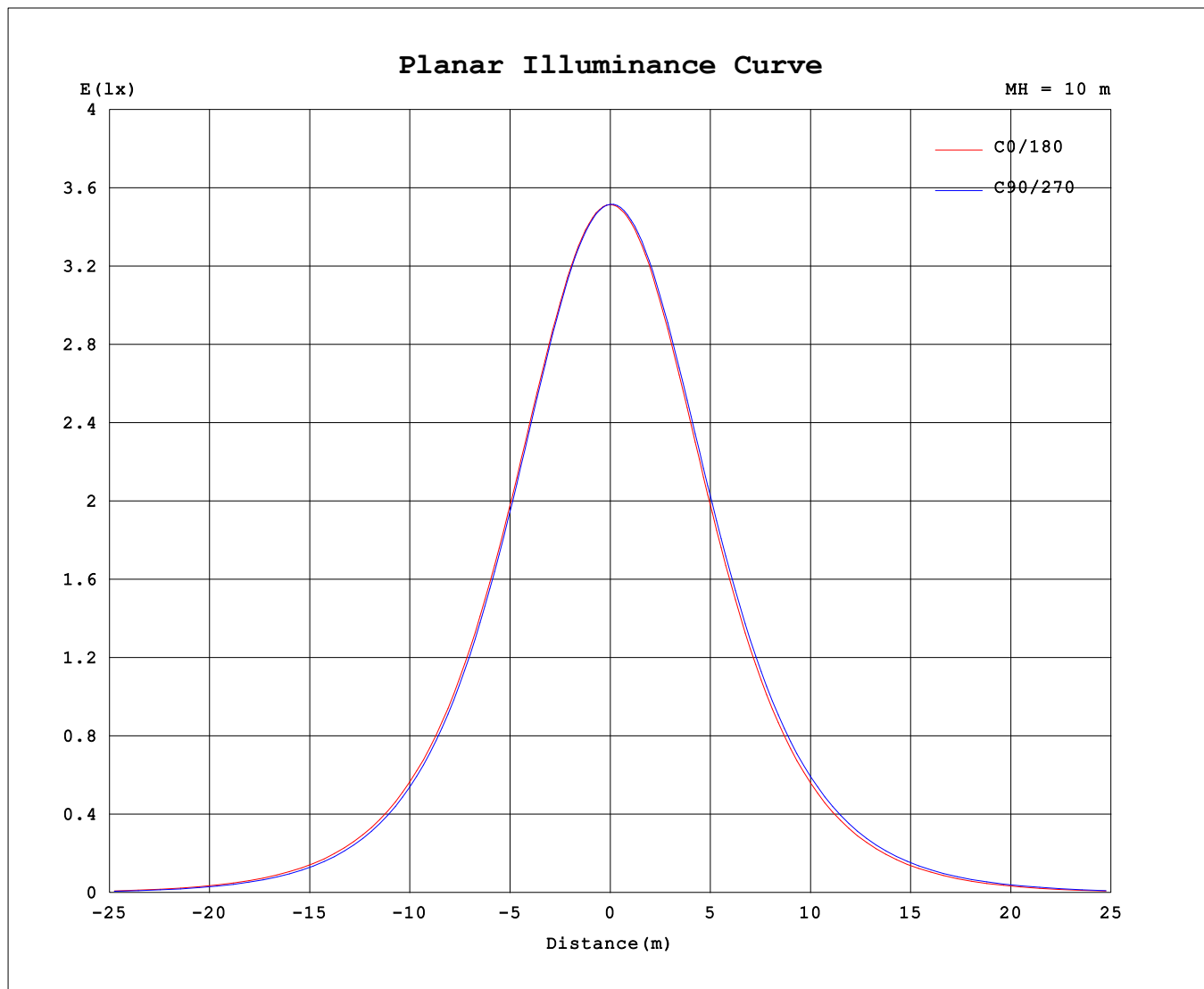
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:230.21V I:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 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	351	351	351	351	351	352	352	352	352	352	352	352	352	352	352	352	352	352	351
5	349	349	348	349	348	348	348	348	348	348	348	348	348	348	348	349	349	350	349
10	341	341	340	340	339	340	339	340	339	340	339	340	339	340	339	340	340	341	341
15	327	327	326	326	325	326	324	325	324	325	324	325	324	325	325	326	326	327	328
20	308	309	307	307	306	306	305	305	304	305	304	305	304	306	305	307	306	308	309
25	285	285	283	284	282	282	281	281	280	281	279	281	279	281	280	282	282	284	285
30	257	258	256	256	254	255	252	253	251	252	251	252	251	253	252	254	253	256	257
35	227	227	225	225	223	224	222	222	220	221	219	221	219	221	220	222	222	225	227
40	194	194	192	192	190	191	188	189	187	188	186	187	186	187	186	189	188	191	193
45	160	160	158	158	156	156	155	154	153	153	152	152	151	152	152	154	154	156	159
50	126	125	124	123	122	122	120	120	118	118	117	117	116	117	117	119	119	121	124
55	92.0	91.5	89.9	89.5	87.9	87.7	86.3	86.2	84.8	84.6	83.2	83.5	82.6	83.6	83.4	85.1	85.4	87.5	90.0
60	60.5	60.0	58.4	58.0	56.4	56.2	54.9	54.8	53.6	53.5	52.2	52.6	51.7	52.6	52.5	54.0	54.2	56.0	58.2
65	32.8	32.4	30.9	30.5	29.1	28.9	27.7	27.6	26.6	26.6	25.7	26.1	25.5	26.2	26.1	27.2	27.2	28.5	30.4
70	11.2	11.1	10.3	10.1	9.22	8.88	8.00	7.84	7.24	7.39	7.11	7.56	7.35	7.69	7.40	7.83	7.72	8.42	9.67
75	0.54	0.51	0.44	0.39	0.40	0.33	0.37	0.30	0.35	0.28	0.33	0.30	0.34	0.30	0.35	0.32	0.29	0.15	0.27
80	0.08	0.02	0.07	0.01	0.07	0.01	0.06	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.03	0.00	0.00
85	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	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	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00
95	0.00	0.06	0.01	0.06	0.00	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.07	0.01	0.07	0.02
100	0.06	0.12	0.07	0.13	0.07	0.14	0.08	0.14	0.08	0.15	0.09	0.15	0.08	0.13	0.08	0.14	0.08	0.14	0.08
105	0.16	0.22	0.17	0.22	0.17	0.23	0.18	0.24	0.19	0.24	0.20	0.24	0.19	0.25	0.19	0.23	0.18	0.24	0.16
110	0.28	0.34	0.28	0.35	0.30	0.35	0.30	0.36	0.30	0.37	0.31	0.36	0.31	0.37	0.31	0.36	0.31	0.35	0.26
115	0.41	0.48	0.43	0.48	0.43	0.50	0.45	0.51	0.45	0.51	0.46	0.51	0.46	0.51	0.47	0.51	0.45	0.50	0.39
120	0.58	0.63	0.58	0.65	0.59	0.65	0.61	0.67	0.62	0.67	0.62	0.67	0.62	0.67	0.62	0.67	0.61	0.67	0.53
125	0.75	0.80	0.75	0.81	0.77	0.83	0.78	0.84	0.79	0.85	0.80	0.85	0.80	0.85	0.80	0.84	0.79	0.84	0.69
130	0.93	0.98	0.94	0.99	0.94	0.99	0.95	1.01	0.96	1.02	0.97	1.02	0.97	1.02	0.97	1.02	0.97	1.02	0.85
135	1.10	1.16	1.11	1.17	1.12	1.18	1.13	1.19	1.13	1.20	1.15	1.21	1.15	1.20	1.14	1.20	1.15	1.21	1.03
140	1.28	1.34	1.29	1.34	1.30	1.35	1.30	1.37	1.31	1.37	1.33	1.38	1.33	1.38	1.33	1.37	1.32	1.38	1.20
145	1.46	1.51	1.45	1.51	1.46	1.53	1.48	1.54	1.49	1.55	1.50	1.56	1.51	1.56	1.50	1.56	1.50	1.56	1.38
150	1.62	1.67	1.61	1.67	1.62	1.68	1.63	1.70	1.66	1.72	1.67	1.73	1.67	1.72	1.66	1.72	1.66	1.72	1.55
155	1.76	1.81	1.75	1.82	1.76	1.83	1.77	1.84	1.80	1.85	1.80	1.86	1.80	1.85	1.80	1.85	1.80	1.85	1.70
160	1.88	1.93	1.89	1.94	1.88	1.95	1.90	1.97	1.93	1.98	1.93	1.98	1.93	1.98	1.93	1.99	1.94	1.99	1.86
165	1.99	2.05	1.99	2.06	2.00	2.06	2.01	2.07	2.02	2.09	2.02	2.08	2.03	2.09	2.04	2.11	2.05	2.11	1.99
170	2.08	2.14	2.08	2.14	2.08	2.15	2.09	2.15	2.09	2.16	2.10	2.15	2.11	2.18	2.12	2.18	2.13	2.18	2.09
175	2.14	2.17	2.14	2.17	2.14	2.18	2.15	2.17	2.14	2.17	2.15	2.17	2.16	2.18	2.18	2.18	2.17	2.18	2.16
180	2.16	2.17	2.16	2.17	2.17	2.18	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.18	2.18	2.18	2.18	2.18	2.16

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:0.0738A P:8.4392W PF:0.4968 Freq:60.00Hz Lamp Flux:642.367x1 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	351	351	351	351	352	352	352	352	352	352	352	352	352	352	352	352	352		
5	349	349	349	350	350	350	350	350	350	350	350	350	350	350	350	350	350		
10	341	342	342	343	343	343	343	344	343	344	343	344	343	343	343	343	342		
15	327	329	329	330	330	331	330	332	331	332	331	332	330	331	330	331	329		
20	308	311	310	312	312	313	313	314	313	315	313	314	313	313	312	312	311		
25	285	287	287	290	289	291	291	292	291	292	291	292	290	291	289	290	288		
30	258	260	260	263	262	264	264	266	265	266	265	266	264	264	262	263	260		
35	227	230	230	232	232	234	234	236	235	236	235	236	234	235	232	232	230		
40	194	196	197	199	199	201	201	203	202	204	202	204	202	202	200	200	197		
45	160	162	162	165	165	167	167	168	168	169	168	169	168	168	166	166	164		
50	125	127	127	129	130	132	132	133	133	134	133	134	133	133	131	131	129		
55	90.7	92.7	93.3	95.1	95.5	97.3	97.6	99.0	98.7	99.6	98.8	99.4	98.2	98.5	97.0	96.9	95.0		
60	58.8	60.6	61.2	62.9	63.3	64.9	65.1	66.3	66.1	66.9	66.1	66.6	65.6	65.9	64.6	64.7	63.1		
65	30.8	32.3	32.9	34.4	34.8	36.1	36.2	37.2	36.9	37.5	36.9	37.3	36.5	36.8	35.8	35.9	34.7		
70	9.99	11.0	11.5	12.6	12.8	13.6	13.5	14.2	14.0	14.5	14.0	14.3	13.7	13.8	13.1	13.2	12.5		
75	0.45	0.61	0.64	0.90	0.91	1.14	1.08	1.26	1.17	1.33	1.20	1.33	1.17	1.24	1.00	0.97	0.73		
80	0.08	0.03	0.09	0.04	0.10	0.03	0.10	0.04	0.10	0.05	0.10	0.03	0.10	0.03	0.10	0.03	0.08		
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	0.03	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.01	0.00		
100	0.02	0.08	0.03	0.07	0.02	0.07	0.01	0.07	0.01	0.06	0.01	0.06	0.01	0.07	0.01	0.07	0.02		
105	0.10	0.16	0.10	0.15	0.10	0.15	0.09	0.15	0.08	0.15	0.08	0.13	0.09	0.14	0.08	0.15	0.10		
110	0.20	0.26	0.20	0.25	0.20	0.25	0.18	0.24	0.18	0.24	0.19	0.24	0.18	0.24	0.18	0.25	0.20		
115	0.33	0.38	0.32	0.37	0.30	0.35	0.31	0.35	0.30	0.35	0.30	0.34	0.30	0.35	0.30	0.37	0.31		
120	0.47	0.52	0.46	0.51	0.45	0.50	0.45	0.49	0.45	0.49	0.43	0.49	0.44	0.49	0.45	0.51	0.47		
125	0.63	0.68	0.62	0.67	0.61	0.66	0.59	0.67	0.62	0.64	0.59	0.64	0.59	0.65	0.60	0.66	0.62		
130	0.80	0.84	0.79	0.83	0.76	0.81	0.76	0.83	0.78	0.80	0.74	0.79	0.76	0.81	0.76	0.83	0.79		
135	0.97	1.01	0.95	0.99	0.93	0.98	0.92	0.99	0.94	0.97	0.92	0.97	0.91	0.98	0.93	0.99	0.95		
140	1.13	1.18	1.12	1.17	1.10	1.16	1.09	1.16	1.10	1.16	1.08	1.13	1.09	1.15	1.11	1.16	1.12		
145	1.31	1.35	1.29	1.34	1.28	1.32	1.27	1.32	1.26	1.31	1.26	1.31	1.27	1.32	1.27	1.34	1.30		
150	1.48	1.52	1.46	1.52	1.45	1.50	1.44	1.51	1.44	1.49	1.44	1.49	1.44	1.50	1.45	1.51	1.47		
155	1.64	1.69	1.62	1.67	1.61	1.67	1.61	1.66	1.61	1.66	1.59	1.65	1.60	1.66	1.61	1.67	1.63		
160	1.79	1.83	1.77	1.82	1.76	1.82	1.76	1.81	1.76	1.81	1.76	1.81	1.76	1.80	1.75	1.82	1.78		
165	1.93	1.98	1.91	1.97	1.89	1.95	1.89	1.95	1.89	1.94	1.89	1.94	1.89	1.94	1.89	1.95	1.91		
170	2.03	2.08	2.02	2.08	2.02	2.06	2.00	2.06	1.99	2.06	2.00	2.06	2.00	2.05	2.00	2.07	2.03		
175	2.11	2.16	2.12	2.17	2.11	2.16	2.09	2.15	2.09	2.15	2.09	2.16	2.09	2.15	2.09	2.16	2.11		
180	2.16	2.16	2.16	2.17	2.17	2.17	2.16	2.16	2.16	2.17	2.17	2.18	2.17	2.18	2.17	2.17	2.17		

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: