

LUMINAIRE PHOTOMETRIC TEST REPORT

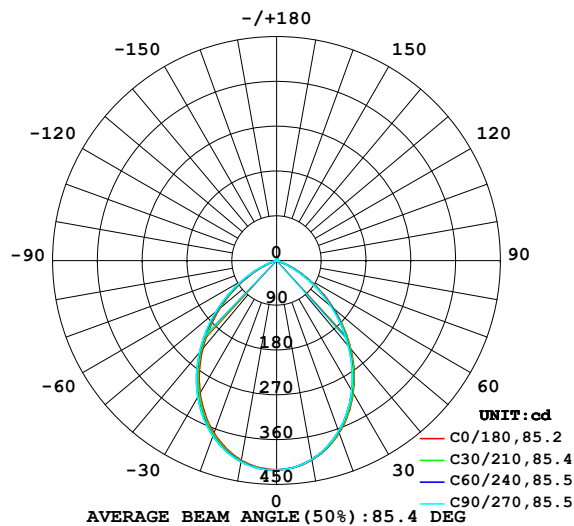
Test:U:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz

Lamp Flux:768.4x1 lm

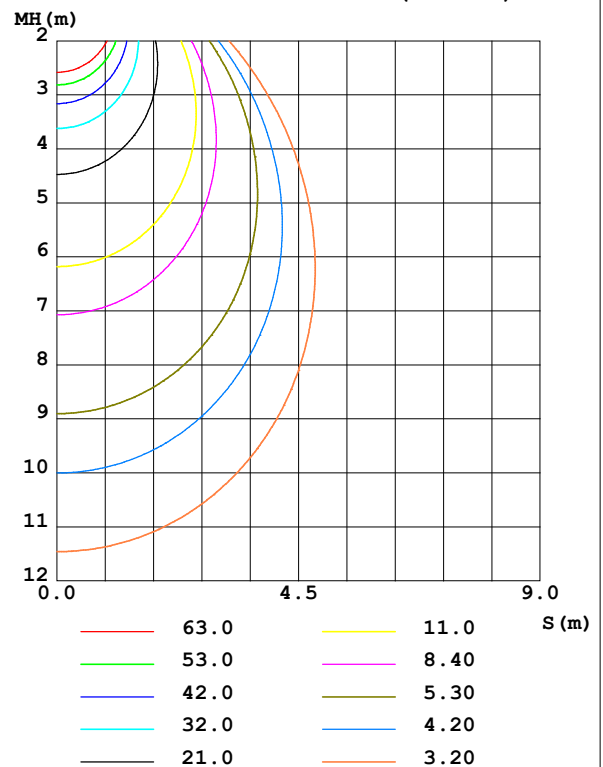
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.04 lm/W
MODEL	XL-1002-S10W	Imax (cd)	421.8	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)	768.40	η UP,DN(C0-180)	0.4,48.2	
NOMINAL FLUX(lm)	768.4	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	407.2	406.2	405.8	406.2	407.4	409.8	410.9	410.8	0- 10	39.58	39.58	5.15,5.15
20	368.4	366.0	364.5	364.9	368.4	373.0	375.1	374.4	10- 20	110.2	149.8	19.5,19.5
30	307.8	304.4	302.1	301.8	307.7	314.0	316.7	315.9	20- 30	156.9	306.7	39.9,39.9
40	231.9	227.9	224.7	223.4	231.0	238.3	241.9	241.5	30- 40	169.7	476.4	62,62
50	150.2	145.6	141.6	140.2	148.1	155.0	159.3	158.9	40- 50	147.3	623.6	81.2,81.2
60	72.32	67.44	64.08	62.92	69.54	75.46	79.01	78.67	50- 60	97.70	721.3	93.9,93.9
70	13.35	10.84	8.898	9.038	11.56	15.11	16.60	16.40	60- 70	38.55	759.9	98.9,98.9
80	0.1017	0.0564	0.0110	0.0506	0	0.0956	0.1355	0.0950	70- 80	3.007	762.9	99.3,99.3
90	0	0.0113	0.0227	0.0169	0	0	0	0	80- 90	0.0146	762.9	99.3,99.3
100	0.0898	0.1431	0.1799	0.1572	0.1069	0.0649	0.0335	0.0589	90-100	0.0467	763.0	99.3,99.3
110	0.3475	0.4069	0.4500	0.4180	0.3260	0.2808	0.2355	0.2638	100-110	0.2270	763.2	99.3,99.3
120	0.7069	0.7661	0.8148	0.7918	0.6570	0.5949	0.5547	0.5785	110-120	0.4992	763.7	99.4,99.4
130	1.128	1.179	1.236	1.213	1.033	0.9764	0.9536	0.9518	120-130	0.7851	764.5	99.5,99.5
140	1.543	1.597	1.663	1.642	1.449	1.373	1.347	1.356	130-140	0.9918	765.5	99.6,99.6
150	1.936	1.985	2.056	2.032	1.853	1.788	1.746	1.769	140-150	1.061	766.5	99.8,99.8
160	2.268	2.313	2.387	2.361	2.229	2.156	2.122	2.139	150-160	0.9561	767.5	99.9,99.9
170	2.521	2.557	2.594	2.591	2.510	2.465	2.414	2.448	160-170	0.6736	768.2	100,100
180	2.616	2.625	2.616	2.633	2.605	2.625	2.611	2.628	170-180	0.2448	768.4	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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz

Lamp Flux:768.4x1 lm

NAME:

TYPE: 6500K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

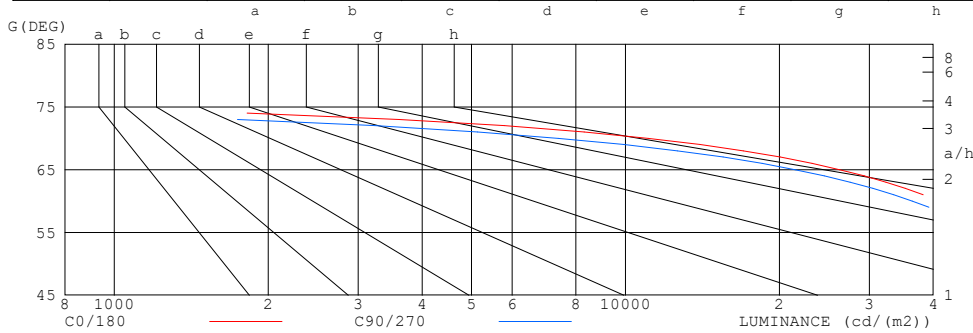
MFR.:

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



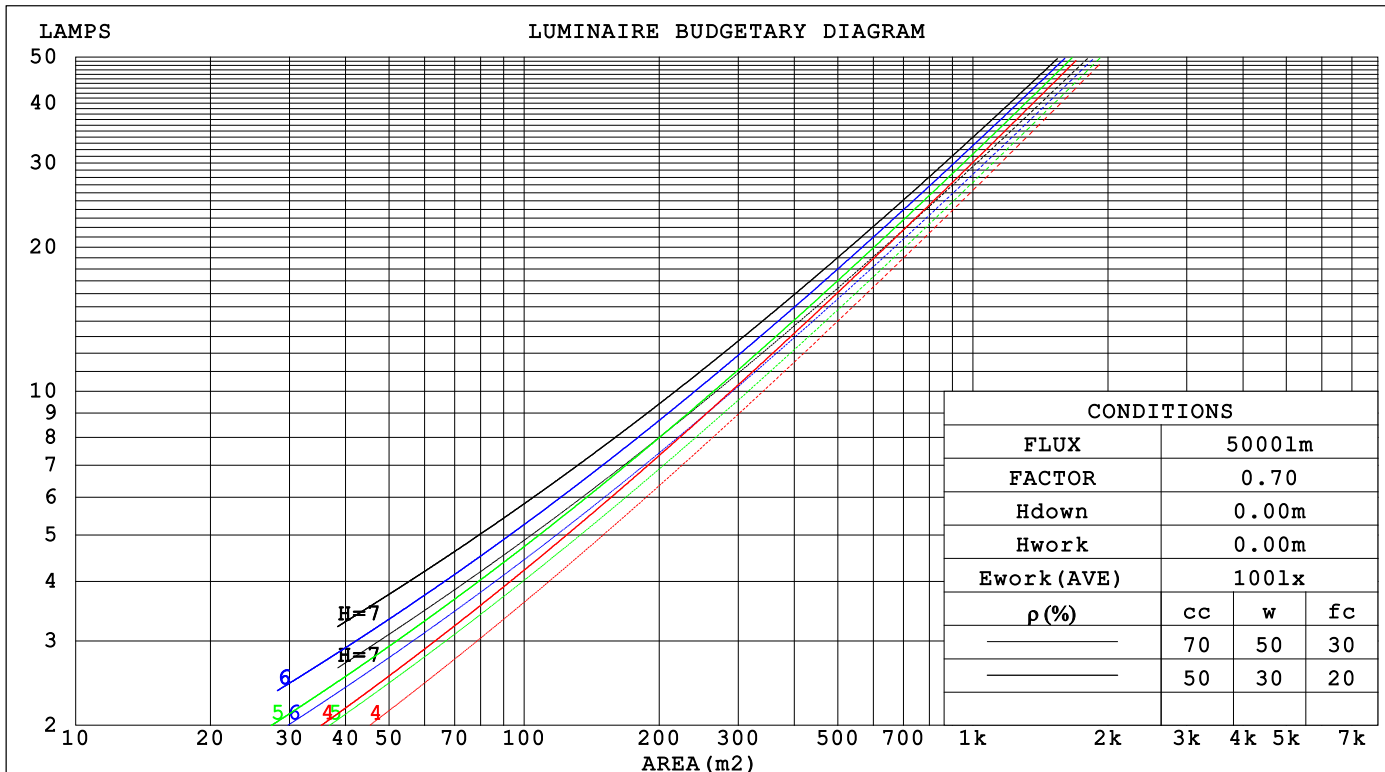
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Test Date:31 July 2025

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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:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 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:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 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	.158	.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	.112	.145	.119	.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	.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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 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	26.6	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	28.2	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	27.3	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	27.4	27.2	27.8	28.2	26.4	27.1	26.8	27.5	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	27.9
6H		26.7	27.2	27.1	27.6	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	27.9	26.2	26.6	26.7	27.1	27.6
12H 4H		26.7	27.3	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	27.9	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 / - 0.6				
2.0H		+ 1.8 / - 2.8					+ 1.8 / - 3.0				

CIE Pub.117, 768.4 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

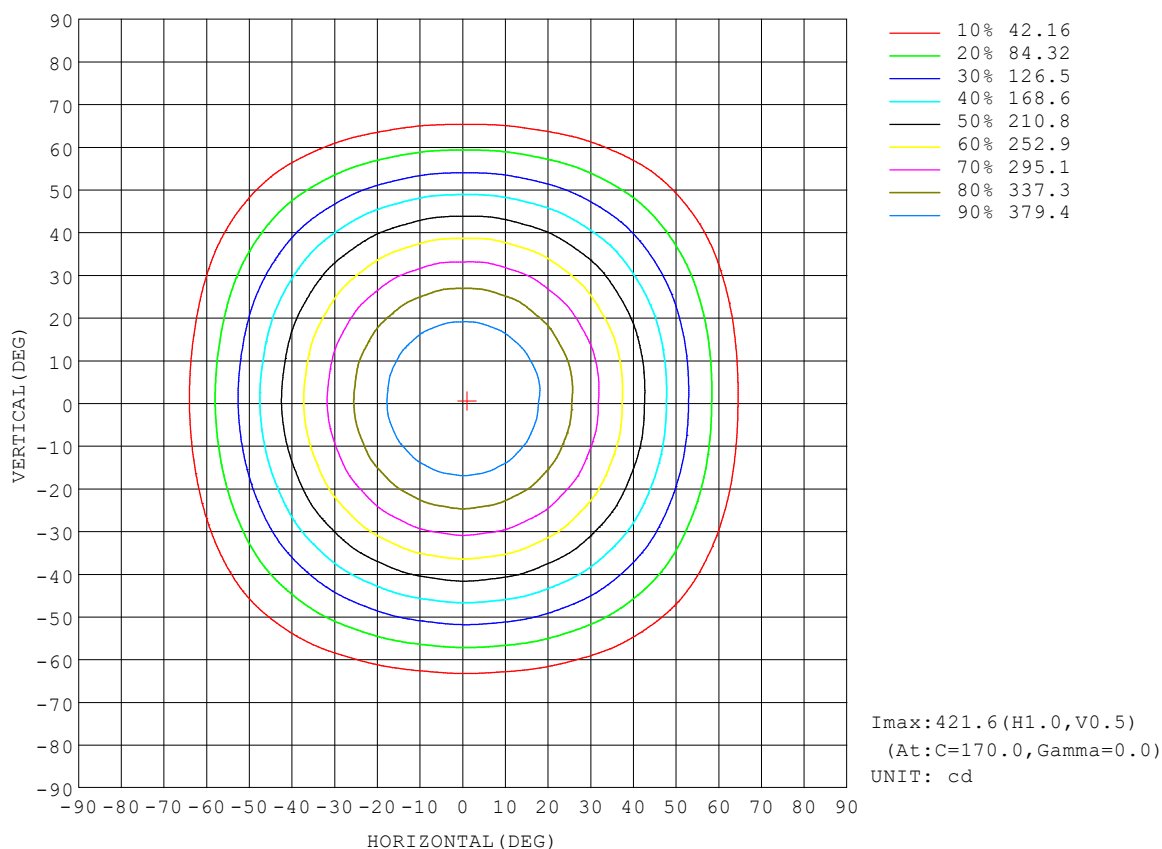
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	56	51	45
0.80	77	68	62	76	67	62	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		

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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

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SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

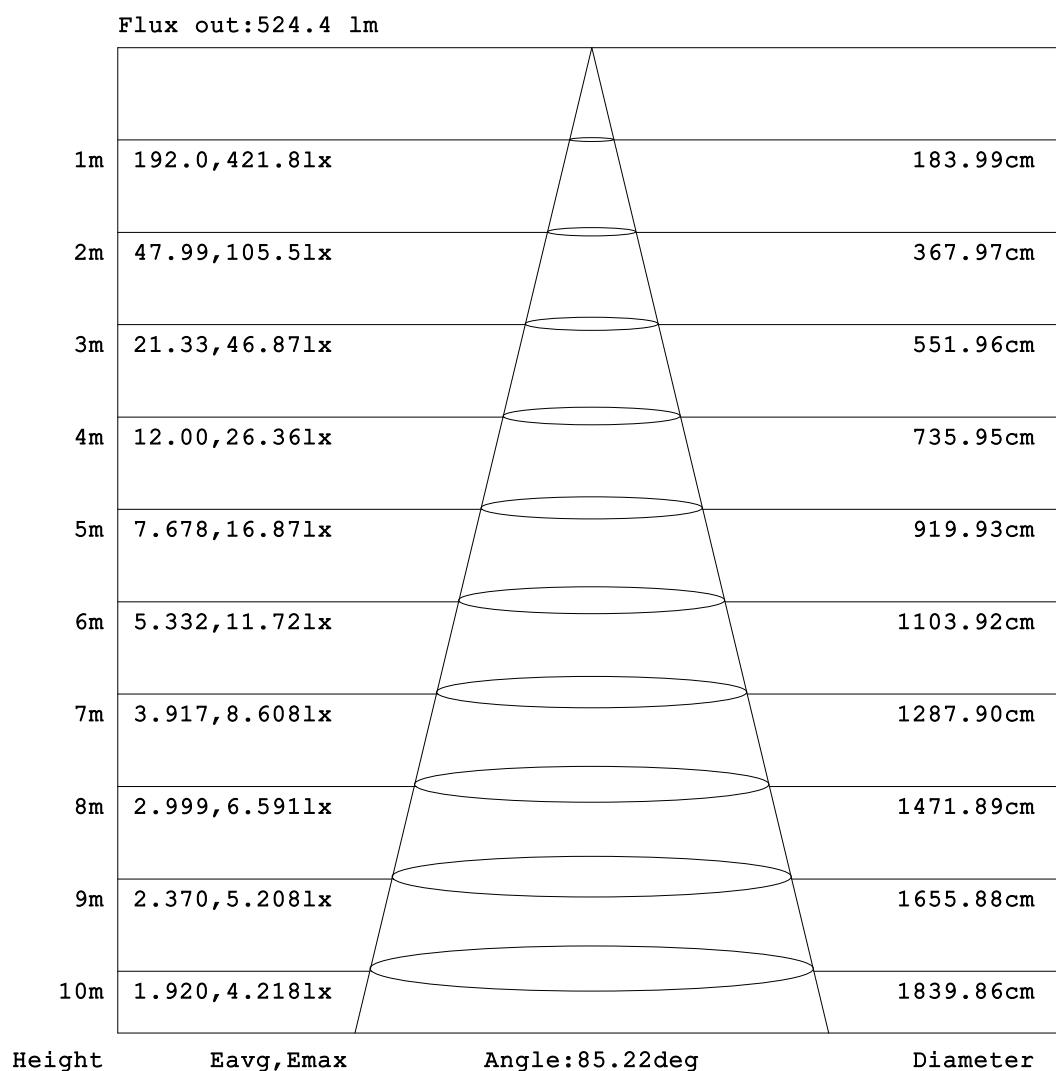


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 31 July 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
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Remarks:

AAI Figure

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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.

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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

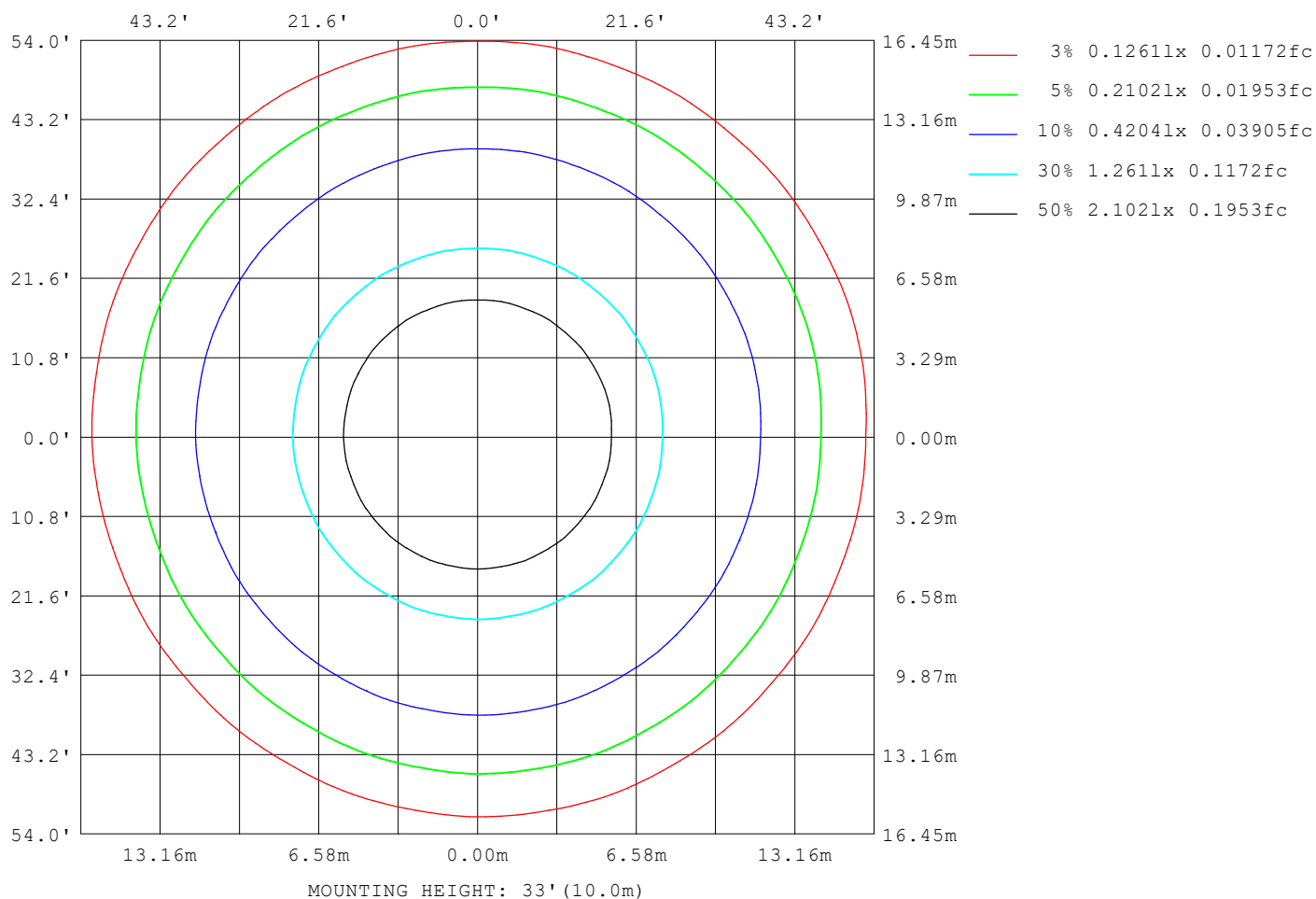
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
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Remarks:

LED Avg.L Report

Test:U:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D67	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	25276
L_0~180 (75) av	548
L_0~180 (85) av	9
L_90~270 (65) av	25535
L_90~270 (75) av	974
L_90~270 (85) av	9
L_45 (65) av	25376
L_45 (75) av	926
L_45 (85) av	7

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

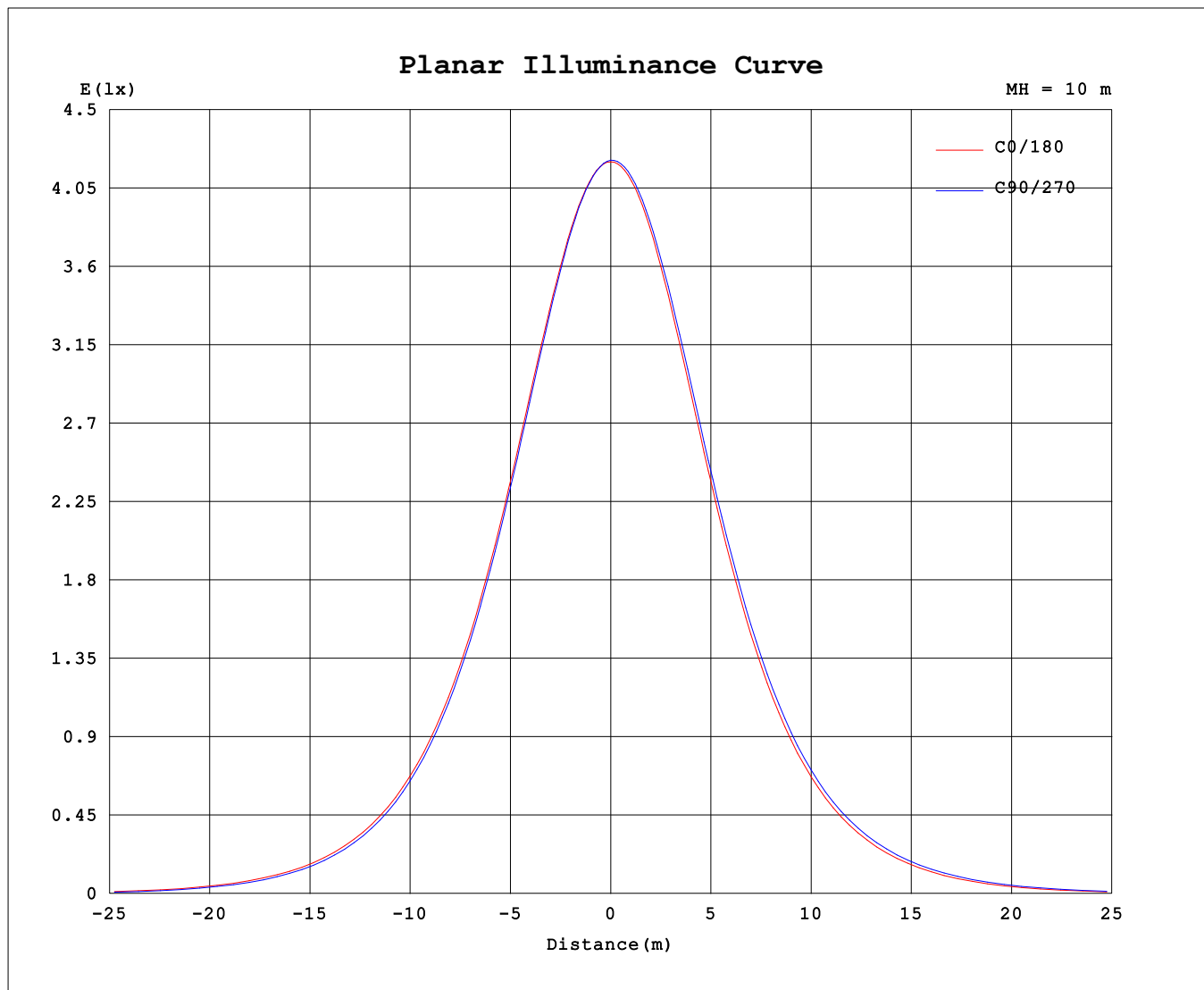
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 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	420	420	420	421	421	421	421	421	421	421	421	421	421	421	421	422	422	422	420
5	417	417	417	417	417	417	416	416	416	417	416	417	417	417	417	418	418	418	417
10	407	407	407	407	406	406	406	406	405	406	405	406	406	406	406	407	407	408	407
15	391	391	390	390	389	389	388	388	388	388	388	388	388	389	389	390	390	391	391
20	368	369	367	367	366	366	365	365	364	364	364	364	364	365	365	366	366	368	368
25	341	341	339	339	337	338	336	336	335	336	334	335	335	336	335	338	337	339	340
30	308	308	306	306	304	305	302	303	301	302	300	302	300	302	301	304	303	306	308
35	271	272	269	270	267	268	265	266	264	265	263	264	263	264	264	266	266	269	271
40	232	232	230	230	228	228	225	226	224	225	222	224	222	224	223	226	225	228	231
45	191	191	188	189	186	187	184	185	182	183	181	182	180	182	181	184	184	187	190
50	150	150	148	148	146	146	144	144	142	142	140	140	139	140	140	142	142	145	148
55	110	109	107	107	105	105	103	103	101	101	99.7	100.0	98.9	100	99.8	102	102	105	107
60	72.3	71.8	69.7	69.4	67.5	67.4	65.7	65.8	64.1	64.1	62.6	62.9	62.0	63.0	62.8	64.7	64.8	67.0	69.5
65	39.1	38.7	36.9	36.4	34.7	34.6	33.2	33.1	31.8	32.0	30.9	31.3	30.5	31.4	31.3	32.5	32.5	34.0	36.2
70	13.4	13.3	12.4	12.2	11.0	10.7	9.58	9.44	8.68	8.90	8.56	9.07	8.86	9.22	8.85	9.35	9.26	10.1	11.6
75	0.65	0.63	0.55	0.49	0.48	0.43	0.44	0.39	0.41	0.39	0.41	0.38	0.42	0.39	0.44	0.41	0.35	0.21	0.35
80	0.10	0.03	0.09	0.03	0.09	0.02	0.08	0.02	0.08	0.01	0.08	0.02	0.08	0.02	0.08	0.01	0.03	0.00	0.00
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	0.02	0.00	0.01	0.00	0.00	0.00	0.00
90	0.00	0.02	0.00	0.02	0.00	0.02	0.01	0.03	0.01	0.02	0.01	0.03	0.01	0.03	0.00	0.03	0.00	0.02	0.00
95	0.01	0.08	0.02	0.07	0.03	0.08	0.04	0.10	0.04	0.09	0.03	0.09	0.04	0.09	0.03	0.08	0.03	0.08	0.03
100	0.09	0.14	0.10	0.16	0.11	0.17	0.12	0.18	0.12	0.18	0.13	0.19	0.13	0.19	0.13	0.18	0.12	0.17	0.11
105	0.21	0.27	0.22	0.28	0.23	0.29	0.23	0.30	0.24	0.30	0.25	0.30	0.25	0.30	0.25	0.30	0.24	0.29	0.20
110	0.35	0.41	0.36	0.42	0.38	0.44	0.39	0.44	0.39	0.45	0.40	0.46	0.39	0.44	0.39	0.45	0.39	0.43	0.33
115	0.52	0.58	0.53	0.60	0.54	0.61	0.56	0.62	0.57	0.62	0.58	0.62	0.57	0.62	0.57	0.62	0.56	0.61	0.48
120	0.71	0.77	0.72	0.79	0.74	0.79	0.75	0.81	0.75	0.81	0.77	0.82	0.76	0.82	0.76	0.80	0.75	0.80	0.66
125	0.93	0.97	0.93	0.98	0.94	0.99	0.95	1.01	0.97	1.02	0.98	1.03	0.97	1.03	0.98	1.02	0.98	1.02	0.84
130	1.13	1.18	1.14	1.20	1.15	1.21	1.16	1.22	1.18	1.24	1.18	1.24	1.18	1.24	1.18	1.24	1.18	1.23	1.03
135	1.34	1.38	1.34	1.40	1.36	1.41	1.37	1.44	1.38	1.44	1.40	1.44	1.40	1.44	1.45	1.40	1.44	1.44	1.24
140	1.54	1.61	1.55	1.61	1.57	1.62	1.59	1.63	1.59	1.66	1.62	1.67	1.61	1.67	1.62	1.66	1.61	1.67	1.45
145	1.76	1.81	1.76	1.81	1.77	1.84	1.78	1.84	1.80	1.86	1.81	1.87	1.81	1.87	1.81	1.87	1.80	1.86	1.66
150	1.94	2.00	1.94	2.00	1.95	2.02	1.96	2.03	1.99	2.06	2.01	2.07	2.00	2.06	2.00	2.06	2.00	2.06	1.85
155	2.12	2.17	2.12	2.18	2.12	2.19	2.14	2.22	2.17	2.24	2.19	2.24	2.17	2.23	2.18	2.24	2.18	2.23	2.05
160	2.27	2.33	2.28	2.34	2.28	2.35	2.30	2.37	2.32	2.39	2.34	2.39	2.33	2.39	2.33	2.39	2.34	2.39	2.23
165	2.41	2.46	2.40	2.47	2.41	2.48	2.43	2.49	2.44	2.50	2.46	2.52	2.45	2.52	2.47	2.54	2.47	2.54	2.39
170	2.52	2.57	2.52	2.57	2.53	2.59	2.53	2.59	2.54	2.59	2.53	2.59	2.55	2.61	2.57	2.63	2.58	2.63	2.51
175	2.58	2.62	2.59	2.62	2.59	2.63	2.60	2.62	2.59	2.62	2.59	2.62	2.61	2.63	2.63	2.63	2.63	2.63	2.61
180	2.62	2.62	2.61	2.62	2.62	2.63	2.62	2.62	2.61	2.62	2.62	2.62	2.62	2.63	2.63	2.63	2.63	2.63	2.61

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:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz Lamp Flux:768.4x1 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	420	420	421	421	421	421	421	421	421	421	421	421	421	421	422	422	422		
5	417	418	418	418	419	419	419	419	419	419	419	419	419	419	419	419	419		
10	408	409	409	410	410	411	410	411	411	411	411	411	411	411	410	410	410		
15	391	393	393	394	395	396	396	396	396	397	396	396	396	396	395	395	394		
20	369	371	371	373	373	375	374	376	375	376	375	375	374	374	373	373	372		
25	341	344	344	346	346	348	347	349	348	350	348	349	347	348	346	346	344		
30	308	311	311	314	314	316	316	318	317	318	317	318	316	316	314	314	312		
35	271	274	275	278	278	280	280	282	281	283	281	282	280	281	278	278	275		
40	231	235	235	238	238	241	240	243	242	244	242	243	241	242	239	239	236		
45	190	193	194	197	197	200	199	202	201	203	201	202	200	201	198	198	195		
50	149	152	152	155	155	158	158	160	159	161	160	160	159	159	157	157	154		
55	108	111	111	114	114	116	117	118	118	119	118	119	118	118	116	116	114		
60	70.2	72.4	73.1	75.3	75.7	77.6	77.8	79.5	79.0	80.0	79.0	79.7	78.5	78.9	77.3	77.4	75.6		
65	36.7	38.7	39.3	41.2	41.6	43.2	43.2	44.4	44.1	44.9	44.1	44.6	43.6	44.0	42.8	42.9	41.5		
70	11.9	13.2	13.7	15.0	15.2	16.3	16.2	17.0	16.6	17.3	16.8	17.1	16.3	16.5	15.7	15.8	14.9		
75	0.54	0.73	0.78	1.06	1.08	1.35	1.26	1.55	1.39	1.63	1.43	1.62	1.38	1.51	1.21	1.18	0.92		
80	0.09	0.05	0.12	0.07	0.12	0.07	0.13	0.07	0.14	0.07	0.13	0.08	0.12	0.07	0.12	0.06	0.11		
85	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	0.01	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	0.03	0.00	0.04	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.03	0.00		
100	0.05	0.11	0.04	0.09	0.04	0.10	0.03	0.09	0.03	0.08	0.03	0.08	0.03	0.08	0.03	0.10	0.03		
105	0.15	0.20	0.14	0.19	0.13	0.18	0.13	0.18	0.13	0.19	0.13	0.17	0.12	0.18	0.12	0.19	0.13		
110	0.26	0.31	0.25	0.31	0.25	0.30	0.24	0.29	0.24	0.30	0.24	0.29	0.23	0.29	0.25	0.31	0.26		
115	0.42	0.46	0.40	0.45	0.39	0.44	0.38	0.44	0.38	0.43	0.38	0.43	0.38	0.44	0.38	0.45	0.40		
120	0.59	0.64	0.58	0.62	0.57	0.61	0.56	0.61	0.55	0.60	0.54	0.60	0.55	0.61	0.56	0.62	0.57		
125	0.77	0.82	0.76	0.80	0.75	0.79	0.73	0.80	0.77	0.78	0.73	0.78	0.72	0.79	0.74	0.80	0.75		
130	0.98	1.02	0.95	1.01	0.95	0.98	0.93	1.00	0.95	0.97	0.91	0.97	0.93	0.98	0.93	1.00	0.96		
135	1.17	1.21	1.16	1.19	1.14	1.18	1.13	1.19	1.14	1.18	1.12	1.17	1.12	1.19	1.13	1.20	1.16		
140	1.38	1.43	1.36	1.40	1.34	1.39	1.34	1.39	1.35	1.39	1.32	1.37	1.32	1.39	1.34	1.40	1.36		
145	1.59	1.62	1.57	1.61	1.55	1.59	1.54	1.59	1.53	1.58	1.53	1.58	1.53	1.59	1.54	1.61	1.57		
150	1.79	1.83	1.77	1.82	1.76	1.80	1.75	1.81	1.75	1.80	1.73	1.80	1.74	1.80	1.76	1.81	1.76		
155	1.98	2.02	1.96	2.01	1.94	2.00	1.94	1.99	1.94	1.98	1.93	1.98	1.93	1.99	1.93	2.00	1.96		
160	2.16	2.21	2.14	2.18	2.13	2.18	2.13	2.18	2.12	2.17	2.12	2.17	2.11	2.17	2.12	2.19	2.14		
165	2.32	2.37	2.31	2.36	2.29	2.35	2.28	2.34	2.29	2.34	2.28	2.34	2.28	2.33	2.28	2.36	2.31		
170	2.45	2.50	2.45	2.50	2.43	2.47	2.41	2.47	2.41	2.47	2.42	2.48	2.42	2.48	2.43	2.49	2.44		
175	2.55	2.61	2.55	2.61	2.54	2.59	2.53	2.58	2.53	2.59	2.53	2.59	2.54	2.60	2.54	2.59	2.55		
180	2.61	2.61	2.62	2.63	2.62	2.62	2.61	2.61	2.61	2.61	2.61	2.63	2.63	2.63	2.62	2.62	2.62		

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: