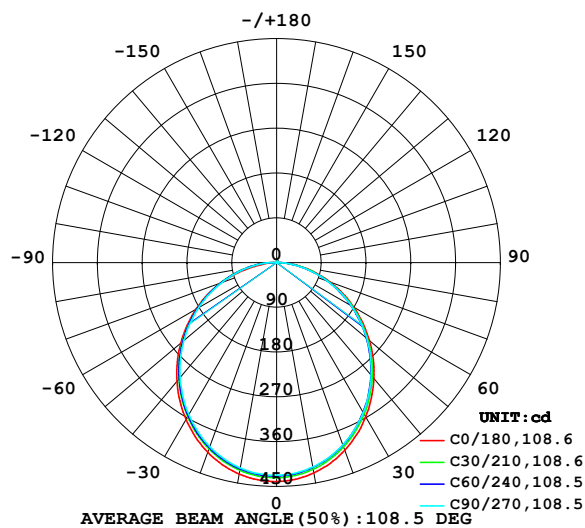


LUMINAIRE PHOTOMETRIC TEST REPORT

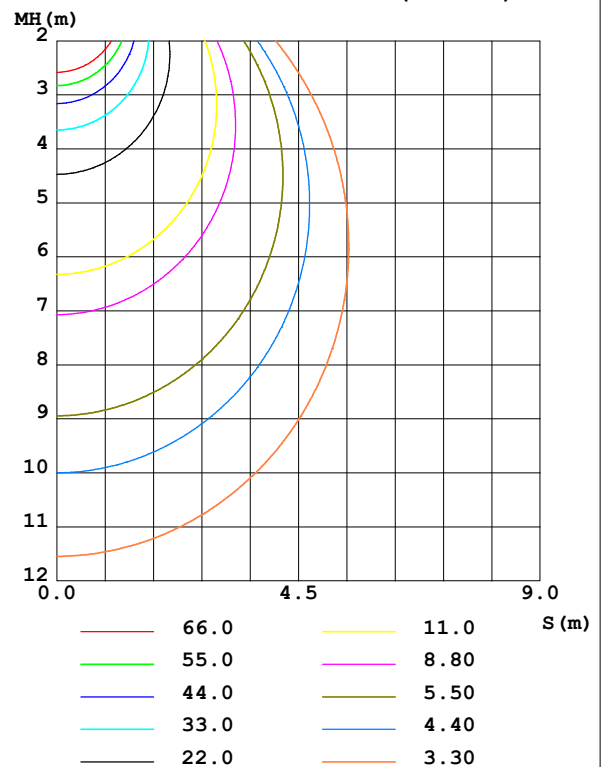
Test:U:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 99.55 lm/W
MODEL		I _{max} (cd)	440.0	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.23	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1198.0	η UP,DN(C0-180)	0.4,48.8	
NOMINAL FLUX(lm)	1198.04	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,50.4	
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down (%)	99.2	CIBSE SHR MAX	1.35	

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:26 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	429.5	419.7	417.3	416.9	431.7	422.5	419.2	417.6	0- 10	40.54	40.54	3.38,3.38
20	401.2	391.8	389.8	390.3	405.4	397.0	393.6	391.7	10- 20	115.3	155.8	13,13
30	358.3	349.5	348.2	349.1	364.1	356.7	353.2	351.1	20- 30	172.5	328.4	27.4,27.4
40	304.4	296.7	296.0	297.3	311.7	305.3	302.0	299.9	30- 40	204.9	533.3	44.5,44.5
50	243.6	237.0	236.7	238.4	251.5	246.6	243.5	241.3	40- 50	209.5	742.8	62,62
60	178.8	173.7	173.4	175.6	187.1	183.7	180.6	178.7	50- 60	187.9	930.6	77.7,77.7
70	114.2	109.9	109.2	111.1	118.2	119.8	116.8	115.1	60- 70	144.7	1075	89.8,89.8
80	52.69	49.80	48.96	45.24	45.22	58.91	56.21	54.55	70- 80	86.66	1162	97,97
90	2.369	0.8815	1.991	0.7672	3.986	1.367	5.891	1.712	80- 90	27.00	1189	99.2,99.2
100	0.7406	0.7779	0.7866	0.7526	0.6857	0.6346	0.6004	0.6208	90-100	0.8317	1190	99.3,99.3
110	1.105	1.151	1.129	1.095	1.023	0.9574	0.9205	0.9514	100-110	0.9142	1191	99.4,99.4
120	1.476	1.482	1.483	1.449	1.376	1.297	1.262	1.300	110-120	1.202	1192	99.5,99.5
130	1.807	1.785	1.786	1.758	1.724	1.619	1.594	1.623	120-130	1.386	1193	99.6,99.6
140	2.072	2.033	2.050	2.016	1.994	1.892	1.863	1.881	130-140	1.419	1195	99.7,99.7
150	2.279	2.251	2.263	2.235	2.224	2.136	2.083	2.125	140-150	1.304	1196	99.8,99.8
160	2.453	2.434	2.442	2.414	2.437	2.336	2.307	2.316	150-160	1.058	1197	99.9,99.9
170	2.577	2.541	2.560	2.538	2.594	2.501	2.442	2.470	160-170	0.6958	1198	100,100
180	2.616	2.586	2.560	2.560	2.633	2.583	2.549	2.555	170-180	0.2426	1198	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:26 July 2025

 γ Range: 0 - 180DEG

 γ Interval: 1.0DEG

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

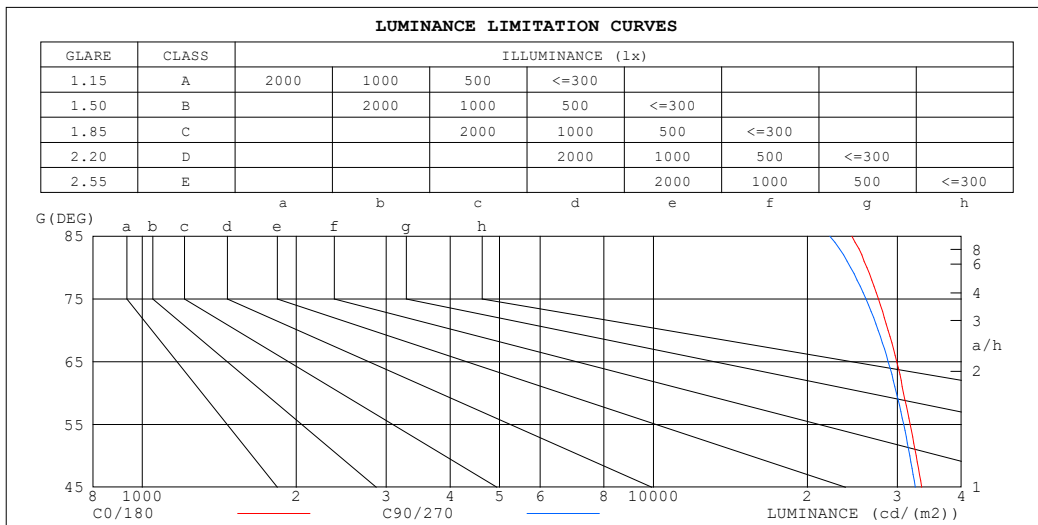
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	24450	22122
80	26148	24299
75	27536	26037
70	28767	27520
65	29917	28790
60	30821	29885
55	31795	30856
50	32658	31734
45	33472	32536

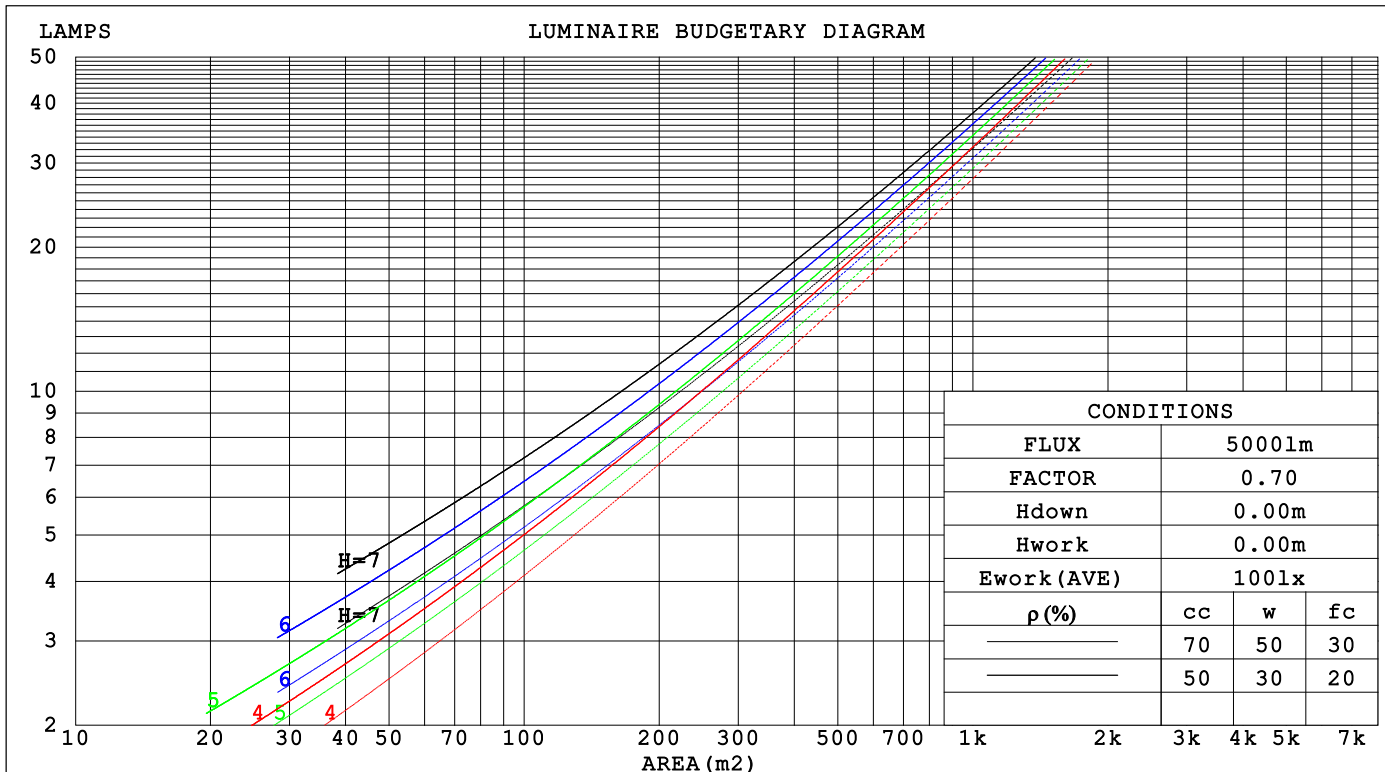
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:26 July 2025

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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	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	1.03	.99	.95	1.01	.97	.94	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:26 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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm					
NAME: P101001			TYPE: 3000K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.: D120		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	.314	.178	.056	.306	.175	.055	.293	.168	.054	.280	.161	.052	.268	.156	.050		
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040		
4.0	.249	.130	.038	.244	.128	.038	.235	.124	.037	.226	.121	.037	.218	.118	.036		
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.188	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027		
8.0	.185	.091	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.147	.074	.021		

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	.186	.162	.140	.159	.139	.120	.109	.096	.083	.063	.055	.048	.020	.018	.016		
2.0	.178	.138	.104	.153	.119	.090	.105	.082	.063	.060	.048	.037	.019	.015	.012		
3.0	.170	.120	.080	.146	.104	.069	.100	.072	.049	.058	.042	.029	.019	.014	.009		
4.0	.163	.107	.064	.140	.092	.056	.096	.064	.039	.056	.038	.023	.018	.012	.008		
5.0	.155	.096	.053	.133	.083	.046	.092	.058	.033	.053	.034	.019	.017	.011	.006		
6.0	.148	.088	.045	.127	.076	.039	.088	.053	.028	.051	.031	.017	.016	.010	.005		
7.0	.141	.081	.039	.121	.070	.034	.084	.049	.024	.049	.029	.014	.016	.010	.005		
8.0	.135	.075	.035	.116	.065	.030	.080	.046	.021	.047	.027	.013	.015	.009	.004		
9.0	.129	.070	.031	.111	.061	.027	.077	.043	.019	.045	.025	.012	.014	.008	.004		
10.0	.123	.066	.028	.106	.058	.025	.074	.040	.018	.043	.024	.011	.014	.008	.003		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:26 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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm											
NAME: P101001					TYPE: 3000K			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: D120			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		24.1	25.6	24.4	25.8	26.0	24.0	25.5	24.2	25.7	25.9
3H		25.7	27.1	26.0	27.3	27.6	25.5	26.9	25.8	27.1	27.4
4H		26.3	27.6	26.6	27.9	28.2	26.1	27.4	26.4	27.7	28.0
6H		26.8	28.1	27.2	28.4	28.7	26.6	27.8	26.9	28.1	28.4
8H		27.0	28.2	27.4	28.5	28.8	26.7	27.9	27.1	28.2	28.5
12H		27.1	28.3	27.5	28.6	28.9	26.8	28.0	27.2	28.3	28.6
4H 2H		24.7	26.0	25.0	26.3	26.5	24.6	25.9	24.9	26.2	26.4
3H		26.4	27.6	26.8	27.9	28.2	26.3	27.4	26.6	27.7	28.1
4H		27.2	28.3	27.6	28.6	29.0	27.0	28.1	27.4	28.4	28.8
6H		27.9	28.8	28.3	29.2	29.6	27.6	28.6	28.0	28.9	29.3
8H		28.1	29.0	28.5	29.4	29.8	27.9	28.7	28.3	29.1	29.5
12H		28.3	29.1	28.7	29.5	29.9	28.0	28.8	28.4	29.2	29.6
8H 4H		27.5	28.4	27.9	28.8	29.2	27.3	28.2	27.7	28.6	29.0
6H		28.3	29.0	28.8	29.5	29.9	28.1	28.8	28.5	29.2	29.7
8H		28.6	29.3	29.1	29.7	30.2	28.4	29.1	28.9	29.5	30.0
12H		28.9	29.5	29.4	30.0	30.4	28.6	29.2	29.1	29.7	30.2
12H 4H		27.5	28.3	27.9	28.7	29.1	27.3	28.2	27.8	28.6	29.0
6H		28.4	29.0	28.8	29.5	29.9	28.2	28.8	28.6	29.3	29.7
8H		28.8	29.3	29.2	29.8	30.3	28.5	29.1	29.0	29.5	30.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.2				

CIE Pub.117, 1198 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.6)
Area: 0.011604 m²

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:26 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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	Shielding Angle:

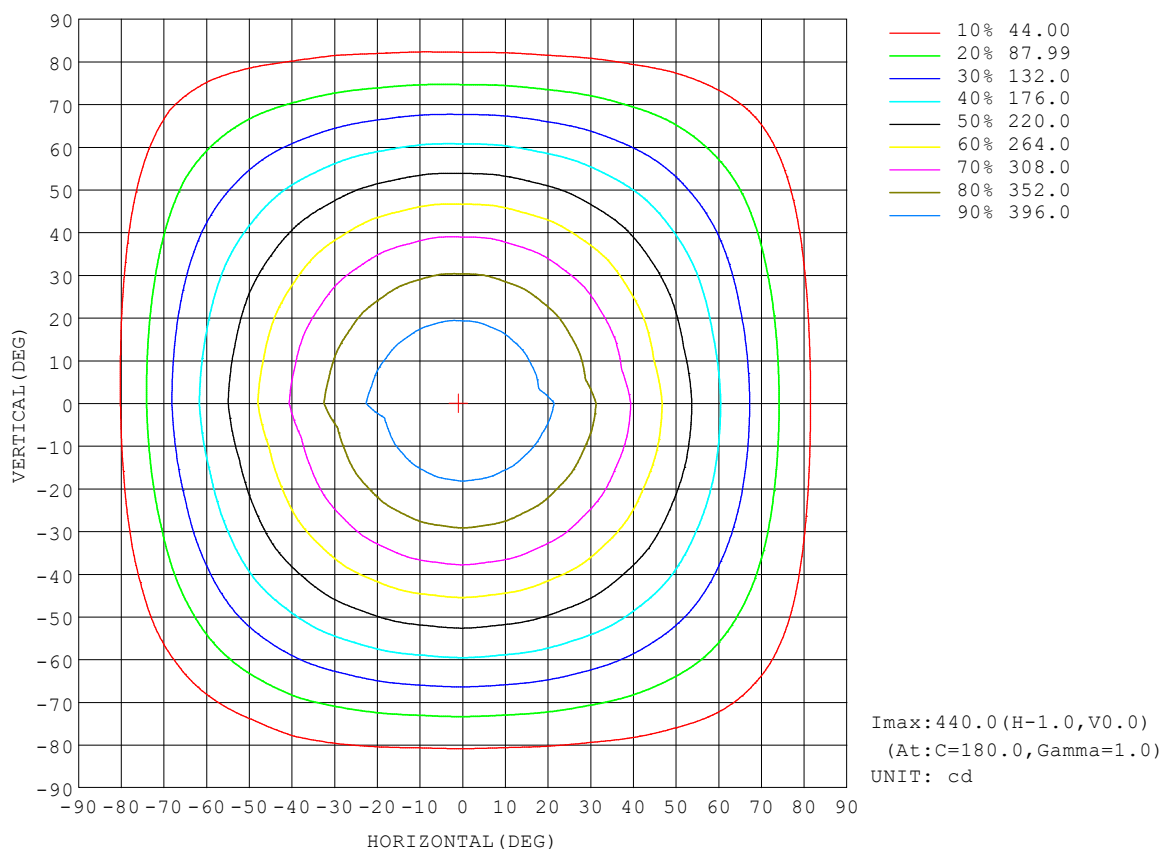
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	56	45	39	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
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: 26 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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	Shielding Angle:

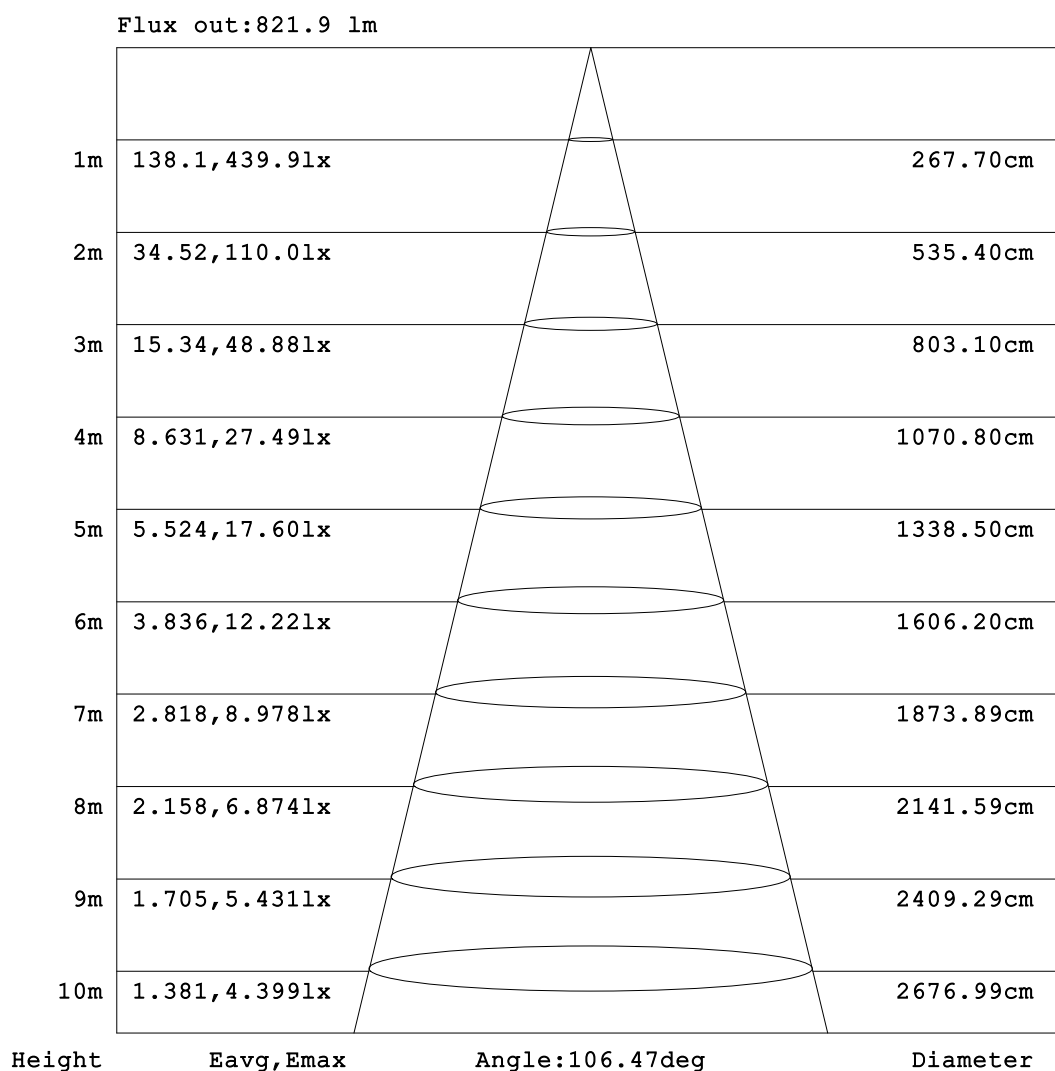


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:26 July 2025

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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	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:26 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

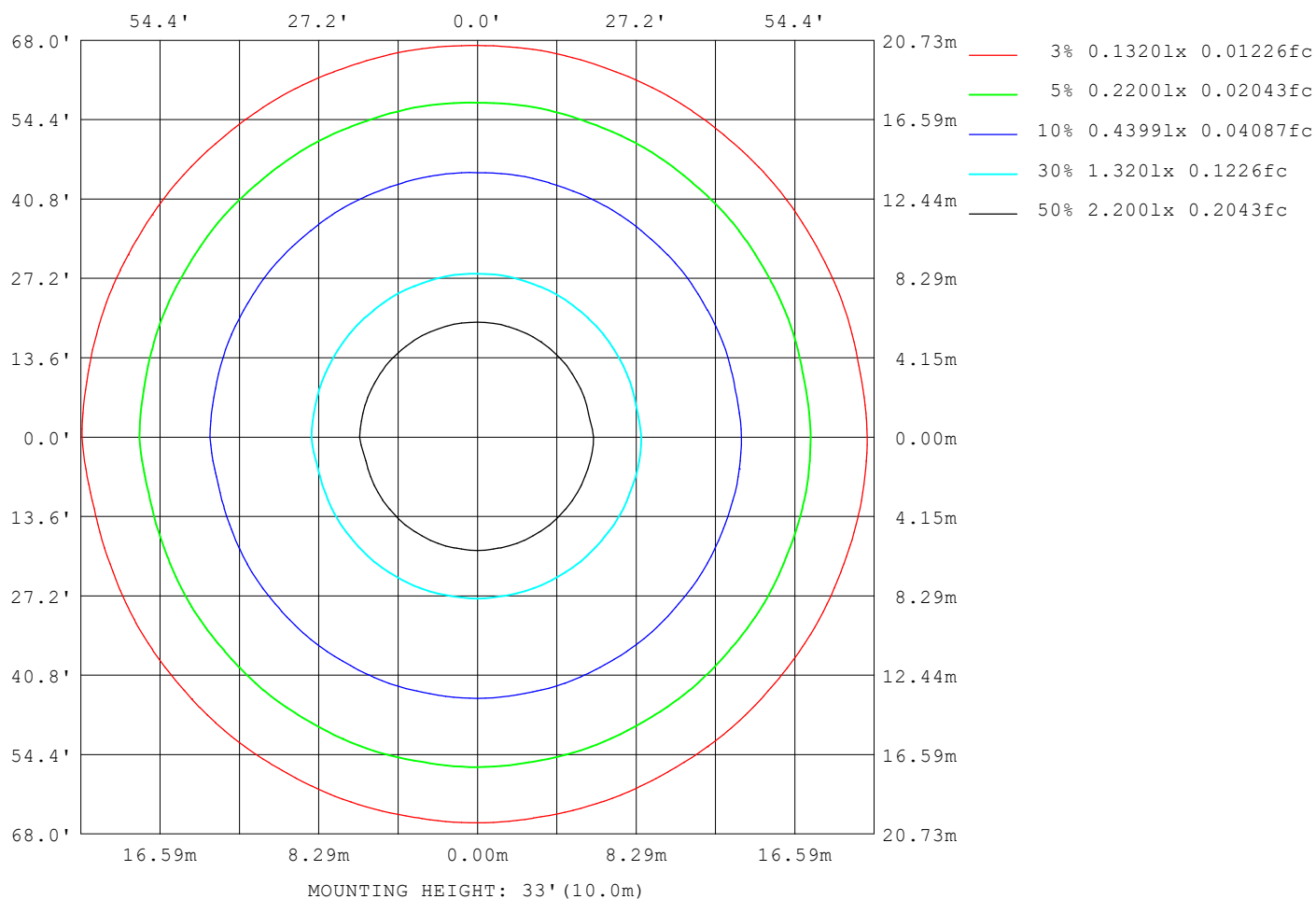
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 26 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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm		
NAME: P101001	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D120	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	30681
L_0~180 (75) av	27256
L_0~180 (85) av	21850
L_90~270 (65) av	29565
L_90~270 (75) av	27282
L_90~270 (85) av	25501
L_45 (65) av	29768
L_45 (75) av	27408
L_45 (85) av	22189

Standard: GB/T 29293-2012

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:26 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

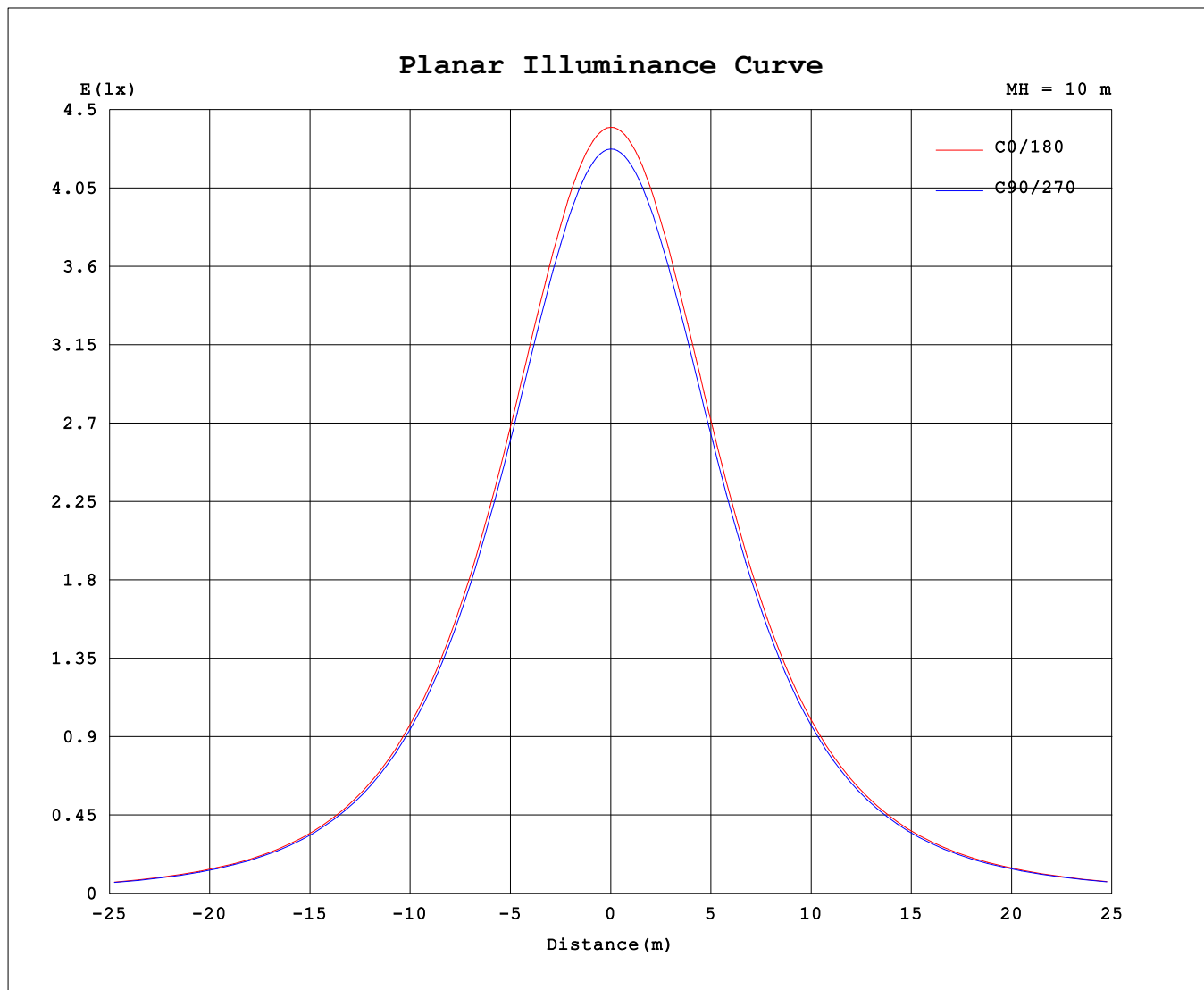
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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: 26 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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm																		
NAME: P101001									TYPE: 3000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.: D120					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	440	437	434	432	431	430	429	428	428	427	427	427	427	427	426	426	426	426	440
5	437	434	431	429	428	427	426	425	425	425	424	424	424	424	424	424	424	424	438
10	429	426	424	422	420	419	418	418	417	417	417	417	417	417	417	417	417	417	432
15	417	415	412	410	408	407	406	406	405	406	405	406	405	406	405	406	406	406	421
20	401	399	396	394	392	392	390	390	389	390	389	390	390	390	390	391	391	391	405
25	381	379	376	375	372	372	371	371	370	371	370	371	370	371	371	372	372	373	386
30	358	356	353	352	349	350	348	348	347	348	347	349	348	349	349	350	350	351	364
35	332	331	327	327	324	324	323	323	322	323	322	324	323	325	324	326	325	327	339
40	304	303	299	299	297	297	295	296	295	296	295	297	296	298	297	299	298	300	312
45	275	274	270	270	267	268	266	267	266	267	266	268	267	269	268	270	270	271	282
50	244	243	239	239	237	237	235	237	235	237	236	237	237	239	238	240	240	241	251
55	212	211	208	208	205	206	204	205	204	205	204	206	206	208	207	209	209	211	220
60	179	178	176	176	174	174	172	173	172	173	173	174	174	176	175	178	177	179	187
65	147	146	144	143	142	142	140	141	140	141	141	142	142	144	144	145	145	146	154
70	114	114	112	111	110	110	109	109	108	109	109	110	110	112	110	110	109	110	118
75	82.7	82.3	80.7	80.4	79.0	79.0	77.8	78.2	77.4	78.2	77.9	79.2	79.3	79.3	75.6	74.2	72.6	74.0	81.0
80	52.7	52.5	51.1	51.0	49.8	49.8	48.8	49.1	48.3	49.0	48.7	49.8	49.9	48.2	42.2	39.5	37.6	38.9	45.2
85	24.7	24.9	23.8	23.6	20.5	20.2	21.8	22.1	21.6	22.4	22.0	23.1	23.1	19.7	14.7	12.5	9.14	12.6	19.5
90	2.37	2.44	2.10	1.95	1.18	0.58	0.82	1.28	1.51	1.99	2.10	2.62	2.43	1.01	0.53	1.30	1.10	2.37	3.99
95	0.61	0.66	0.63	0.64	0.63	0.67	0.65	0.66	0.63	0.64	0.60	0.61	0.59	0.62	0.59	0.62	0.59	0.63	0.54
100	0.74	0.79	0.76	0.79	0.76	0.80	0.76	0.79	0.75	0.79	0.75	0.78	0.74	0.77	0.74	0.77	0.73	0.78	0.69
105	0.93	0.97	0.93	0.98	0.94	0.97	0.93	0.96	0.92	0.95	0.91	0.95	0.91	0.94	0.90	0.94	0.90	0.93	0.84
110	1.11	1.15	1.12	1.16	1.13	1.17	1.12	1.14	1.10	1.13	1.09	1.13	1.09	1.12	1.07	1.12	1.08	1.11	1.02
115	1.29	1.34	1.29	1.33	1.30	1.34	1.30	1.33	1.28	1.31	1.27	1.29	1.26	1.30	1.26	1.30	1.25	1.29	1.20
120	1.48	1.52	1.47	1.50	1.46	1.50	1.46	1.49	1.45	1.48	1.44	1.47	1.43	1.47	1.43	1.47	1.43	1.47	1.38
125	1.65	1.68	1.62	1.67	1.62	1.66	1.62	1.65	1.61	1.65	1.60	1.63	1.59	1.63	1.59	1.62	1.59	1.63	1.55
130	1.81	1.84	1.77	1.81	1.76	1.81	1.75	1.80	1.75	1.79	1.74	1.79	1.73	1.78	1.73	1.79	1.75	1.78	1.72
135	1.94	1.97	1.90	1.95	1.90	1.94	1.88	1.92	1.88	1.91	1.87	1.91	1.86	1.91	1.87	1.93	1.86	1.91	1.85
140	2.07	2.11	2.04	2.08	2.02	2.05	2.00	2.04	2.00	2.05	2.00	2.04	1.99	2.04	1.99	2.04	1.99	2.04	1.99
145	2.19	2.22	2.15	2.20	2.13	2.17	2.11	2.16	2.10	2.16	2.11	2.15	2.10	2.15	2.11	2.15	2.10	2.16	2.13
150	2.28	2.31	2.25	2.29	2.23	2.27	2.22	2.27	2.22	2.26	2.22	2.27	2.22	2.26	2.21	2.25	2.20	2.26	2.22
155	2.37	2.41	2.34	2.37	2.32	2.38	2.34	2.40	2.33	2.37	2.32	2.36	2.31	2.35	2.30	2.34	2.30	2.36	2.34
160	2.45	2.51	2.43	2.48	2.42	2.45	2.41	2.46	2.41	2.44	2.40	2.44	2.41	2.44	2.39	2.44	2.38	2.44	2.44
165	2.53	2.59	2.53	2.55	2.48	2.52	2.46	2.52	2.46	2.52	2.46	2.53	2.47	2.52	2.46	2.53	2.46	2.52	2.53
170	2.58	2.62	2.54	2.58	2.52	2.57	2.52	2.57	2.51	2.56	2.50	2.55	2.52	2.55	2.52	2.57	2.52	2.55	2.59
175	2.61	2.62	2.57	2.59	2.56	2.59	2.55	2.57	2.54	2.56	2.54	2.55	2.54	2.55	2.55	2.57	2.55	2.55	2.63
180	2.62	2.62	2.59	2.59	2.58	2.59	2.57	2.57	2.55	2.56	2.55	2.55	2.55	2.55	2.57	2.57	2.55	2.55	2.63

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:26 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:230.75V I:0.0978A P:12.035W PF:0.5332 Freq:50.00Hz Lamp Flux:1198.04x1 lm																	
NAME: P101001									TYPE: 3000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D120						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	437	434	432	431	430	429	428	428	427	427	427	427	427	426	426	426	426		
5	435	433	431	429	428	427	427	426	426	425	425	425	424	424	424	424	423		
10	428	426	424	423	422	421	420	420	419	419	418	418	418	418	417	417	416		
15	417	415	413	412	411	411	409	409	408	408	407	407	407	407	406	406	405		
20	402	401	398	398	396	396	395	395	394	394	393	393	392	392	391	391	390		
25	383	382	380	379	378	378	376	376	375	375	374	374	373	373	372	372	371		
30	361	360	358	358	356	356	354	355	353	354	352	352	351	351	350	350	349		
35	336	335	333	333	331	331	330	331	329	329	328	328	326	327	325	326	324		
40	308	308	306	306	304	305	303	304	302	303	301	302	300	300	298	299	297		
45	279	279	277	278	276	276	274	275	273	274	272	273	271	272	270	270	268		
50	249	249	247	248	246	246	245	245	243	244	242	243	241	242	240	240	238		
55	217	218	216	216	215	215	213	214	212	213	211	212	210	211	209	209	207		
60	185	186	184	185	183	183	182	182	181	181	179	180	178	179	177	178	176		
65	153	153	152	152	151	151	150	150	149	149	148	148	147	147	146	146	144		
70	120	121	120	120	119	119	118	118	117	117	116	116	115	115	114	114	113		
75	84.4	88.7	88.8	89.2	88.0	88.2	86.9	86.9	85.7	85.8	84.7	85.0	83.9	84.2	83.2	83.5	82.3		
80	51.3	57.3	59.0	59.4	58.4	58.6	57.4	57.3	56.2	56.3	55.2	55.3	54.4	54.7	53.8	54.0	53.0		
85	25.4	30.4	31.3	29.0	27.8	31.1	30.2	30.3	29.2	29.3	28.2	28.2	24.9	24.8	26.3	26.6	25.7		
90	3.98	3.39	2.03	1.45	1.28	4.56	5.37	6.28	5.89	5.91	4.82	4.08	1.76	1.67	2.66	3.26	3.20		
95	0.52	0.54	0.49	0.51	0.48	0.50	0.50	0.49	0.49	0.50	0.50	0.51	0.49	0.49	0.50	0.51	0.52		
100	0.64	0.67	0.62	0.66	0.61	0.64	0.60	0.64	0.60	0.63	0.60	0.64	0.61	0.64	0.61	0.64	0.61		
105	0.80	0.83	0.78	0.81	0.77	0.80	0.77	0.80	0.76	0.80	0.76	0.80	0.76	0.80	0.76	0.81	0.78		
110	0.97	1.00	0.95	0.98	0.94	0.97	0.93	0.97	0.92	0.96	0.93	0.97	0.93	0.97	0.94	0.98	0.95		
115	1.14	1.17	1.12	1.15	1.10	1.14	1.09	1.13	1.09	1.13	1.10	1.14	1.10	1.15	1.11	1.16	1.13		
120	1.31	1.34	1.29	1.32	1.27	1.31	1.26	1.30	1.26	1.31	1.26	1.31	1.28	1.32	1.29	1.33	1.30		
125	1.49	1.52	1.45	1.48	1.44	1.47	1.43	1.48	1.44	1.48	1.45	1.49	1.45	1.49	1.44	1.50	1.46		
130	1.64	1.68	1.61	1.65	1.59	1.62	1.58	1.63	1.59	1.64	1.59	1.64	1.61	1.63	1.59	1.66	1.62		
135	1.79	1.82	1.76	1.79	1.74	1.78	1.73	1.78	1.73	1.78	1.74	1.79	1.73	1.78	1.74	1.79	1.76		
140	1.91	1.94	1.89	1.93	1.86	1.90	1.85	1.90	1.86	1.90	1.85	1.89	1.85	1.91	1.87	1.92	1.88		
145	2.04	2.07	2.00	2.05	1.99	2.02	1.96	2.02	1.97	2.01	1.96	2.03	1.98	2.04	2.01	2.04	2.02		
150	2.15	2.19	2.12	2.17	2.11	2.14	2.09	2.14	2.08	2.13	2.08	2.15	2.11	2.14	2.09	2.15	2.11		
155	2.25	2.30	2.22	2.26	2.20	2.27	2.21	2.26	2.21	2.25	2.20	2.24	2.19	2.25	2.20	2.24	2.21		
160	2.37	2.40	2.34	2.37	2.30	2.36	2.31	2.36	2.31	2.35	2.30	2.35	2.29	2.34	2.28	2.34	2.30		
165	2.48	2.51	2.44	2.46	2.40	2.44	2.38	2.44	2.38	2.44	2.39	2.44	2.37	2.43	2.37	2.42	2.38		
170	2.52	2.55	2.50	2.54	2.46	2.50	2.44	2.49	2.44	2.49	2.45	2.49	2.45	2.49	2.44	2.49	2.44		
175	2.56	2.61	2.55	2.59	2.53	2.57	2.51	2.55	2.50	2.54	2.50	2.55	2.50	2.55	2.49	2.54	2.49		
180	2.59	2.62	2.58	2.59	2.58	2.58	2.55	2.56	2.55	2.55	2.54	2.55	2.55	2.55	2.54	2.55	2.54		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:26 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: