

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

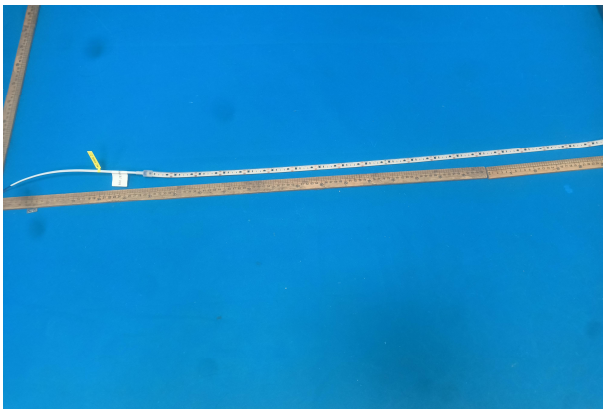
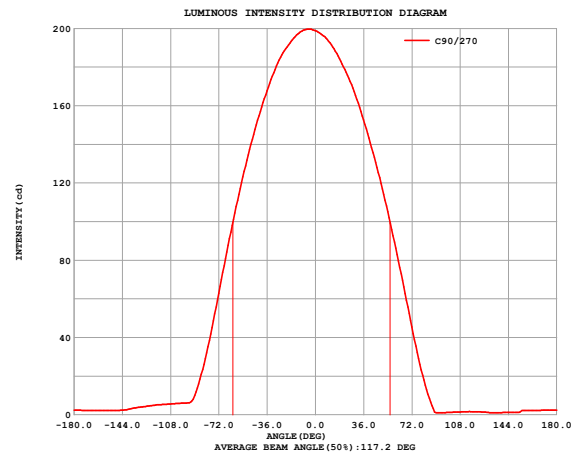
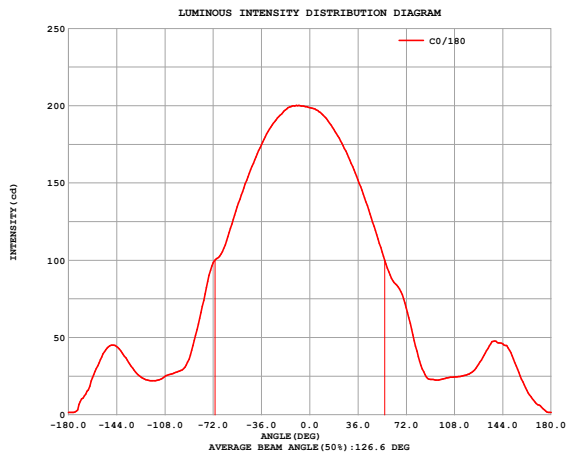
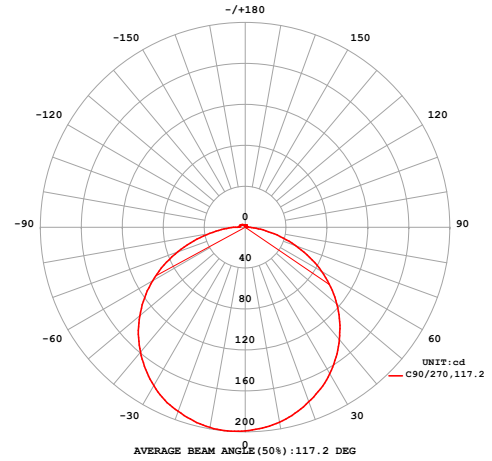
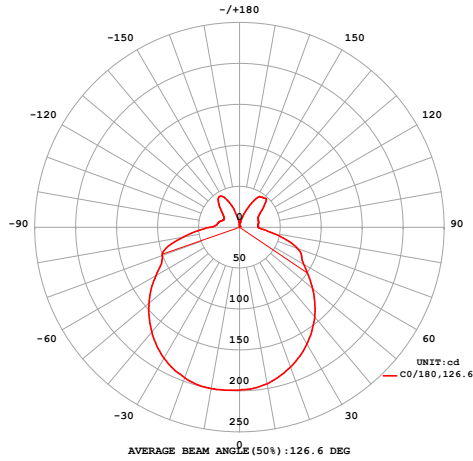


Fig. C0/C180

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

Fig. C90/C270

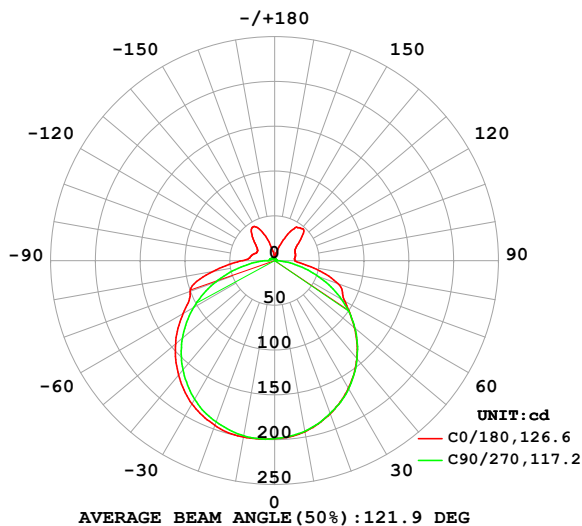
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

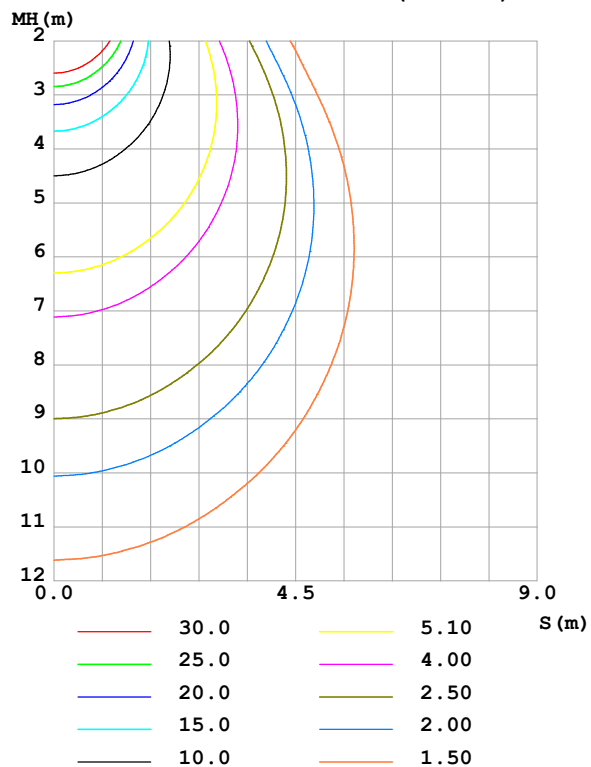
Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 90.39 lm/W
MODEL	R50-2835HY-120L-2700K	I _{max} (cd)	200.9	S/MH(C0/180)	1.37	
NOMINAL POWER(W)	8.49	LOR(%)	100.0	S/MH(C90/270)	1.33	
RATED VOLTAGE(V)	100	TOTAL FLUX(lm)	770.78	η UP,DN(C0-180)	7.2,40.1	
NOMINAL FLUX(lm)	770.779	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	7.4,45.3	
LAMPS INSIDE	1	η up (%)	14.6	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	100	η down (%)	85.4	CIBSE SHR MAX	1.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
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Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [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	194.1	192.8	193.3	196.1	200.1	199.5	198.6	196.5	0- 10	18.87	18.87	2.45,2.45
20	182.0	181.1	181.6	188.9	195.7	196.7	191.5	188.3	10- 20	54.58	73.45	9.53,9.53
30	164.7	163.9	165.2	175.0	184.8	185.8	178.7	173.1	20- 30	83.89	157.3	20.4,20.4
40	142.8	141.8	143.2	155.8	166.9	168.5	159.3	153.1	30- 40	103.1	260.4	33.8,33.8
50	116.5	116.2	116.9	131.3	144.3	145.7	134.5	127.8	40- 50	109.8	370.2	48,48
60	90.34	87.61	86.18	102.7	118.0	118.0	104.5	97.73	50- 60	103.2	473.4	61.4,61.4
70	75.08	64.58	52.37	75.27	100.6	89.38	70.03	71.72	60- 70	86.65	560.0	72.7,72.7
80	41.03	35.06	20.50	48.87	70.18	63.87	35.28	42.92	70- 80	64.57	624.6	81,81
90	22.80	18.83	1.142	22.87	36.01	32.19	9.997	19.94	80- 90	33.98	658.6	85.4,85.4
100	23.37	18.02	1.228	20.33	27.37	22.68	5.967	17.83	90-100	19.88	678.5	88,88
110	24.64	17.27	1.518	16.16	23.58	18.02	5.496	15.90	100-110	17.41	695.9	90.3,90.3
120	26.96	17.01	1.634	17.63	22.23	16.73	4.940	16.46	110-120	14.92	710.8	92.2,92.2
130	38.33	24.80	1.071	21.75	27.82	19.35	4.010	24.07	120-130	15.69	726.5	94.3,94.3
140	46.67	28.00	1.163	26.62	40.27	26.48	2.727	28.64	130-140	17.79	744.3	96.6,96.6
150	40.33	16.89	1.219	24.82	44.01	25.95	2.223	18.41	140-150	15.41	759.7	98.6,98.6
160	19.34	6.741	2.274	16.77	28.08	17.42	2.190	7.817	150-160	8.201	767.9	99.6,99.6
170	6.478	5.949	2.326	6.646	10.19	6.913	2.279	5.040	160-170	2.548	770.4	100,100
180	1.553	1.680	2.396	1.988	1.540	1.698	2.335	1.926	170-180	0.3484	770.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 315.3 lm

%lum = 40.9%

%lamp = 40.9%

Conical surface Flux(120deg): 473.39 lm

%lum = 61.4%

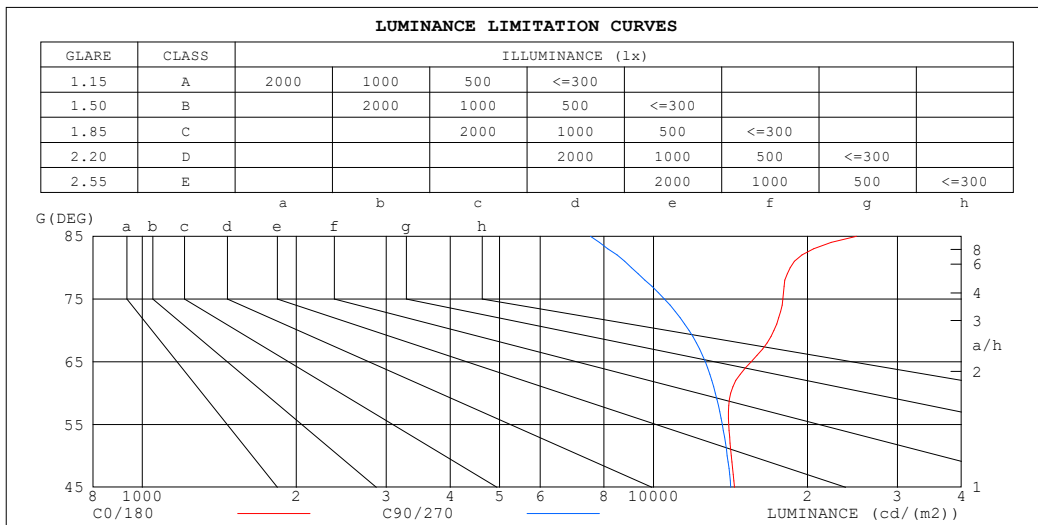
%lamp = 61.4%

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C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	24943	7529
80	18507	9048
75	17895	10501
70	17195	11733
65	15511	12621
60	14151	13209
55	14023	13636
50	14201	13940
45	14401	14159

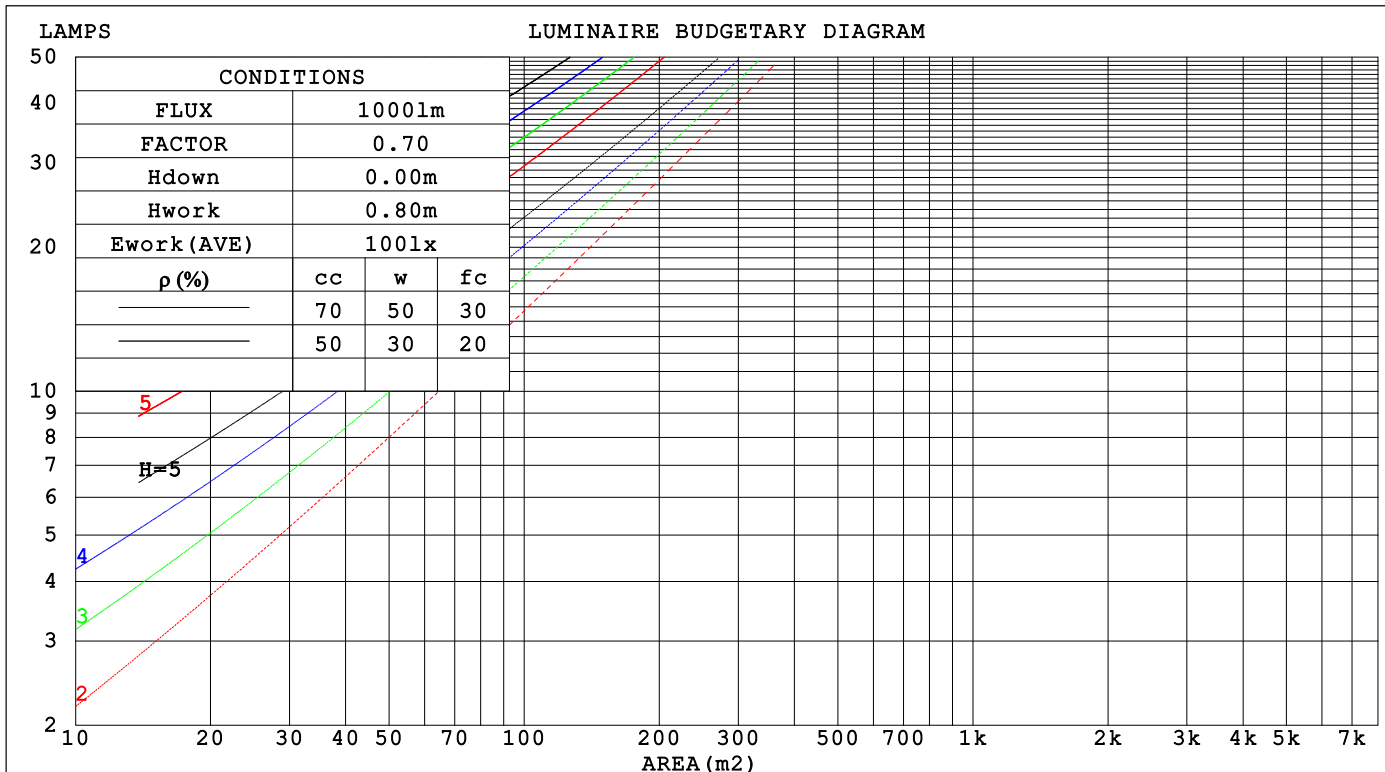
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	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	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.85
1.0	.99	.94	.89	.95	.90	.87	.88	.84	.81	.81	.79	.76	.76	.73	.71	.68
2.0	.85	.78	.71	.82	.75	.69	.76	.70	.66	.70	.66	.62	.65	.62	.58	.55
3.0	.74	.65	.59	.71	.63	.57	.66	.60	.54	.62	.56	.52	.57	.53	.49	.46
4.0	.65	.56	.49	.63	.55	.48	.59	.51	.46	.54	.48	.44	.51	.46	.42	.39
5.0	.58	.49	.42	.56	.47	.41	.52	.45	.39	.49	.42	.38	.45	.40	.36	.33
6.0	.52	.43	.36	.50	.42	.36	.47	.40	.34	.44	.38	.33	.41	.36	.31	.29
7.0	.47	.38	.32	.45	.37	.31	.43	.35	.30	.40	.34	.29	.37	.32	.28	.25
8.0	.43	.34	.28	.41	.33	.28	.39	.32	.27	.37	.30	.26	.34	.29	.25	.23
9.0	.39	.31	.25	.38	.30	.25	.36	.29	.24	.34	.27	.23	.32	.26	.22	.20
10.0	.36	.28	.23	.35	.27	.22	.33	.26	.22	.31	.25	.21	.29	.24	.20	.18



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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
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Remarks:

WEC AND CCEC

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UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	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	.346	.197	.062	.334	.191	.061	.313	.179	.057	.293	.169	.054	.274	.159	.051		
2.0	.311	.170	.052	.301	.166	.051	.281	.156	.049	.263	.148	.046	.246	.139	.044		
3.0	.282	.150	.045	.272	.146	.044	.255	.138	.042	.238	.131	.040	.223	.124	.038		
4.0	.256	.133	.039	.248	.130	.038	.232	.123	.037	.217	.117	.035	.203	.111	.034		
5.0	.235	.120	.035	.227	.117	.034	.213	.111	.033	.199	.105	.031	.187	.100	.030		
6.0	.216	.108	.031	.209	.106	.030	.196	.101	.029	.184	.096	.028	.173	.091	.027		
7.0	.200	.099	.028	.194	.097	.028	.182	.092	.027	.171	.088	.025	.160	.083	.024		
8.0	.187	.091	.026	.181	.089	.025	.170	.085	.024	.159	.081	.023	.150	.077	.022		
9.0	.174	.084	.024	.169	.082	.023	.159	.079	.022	.149	.075	.021	.140	.071	.021		
10.0	.163	.078	.022	.159	.077	.021	.149	.073	.021	.140	.070	.020	.132	.066	.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	.301	.301	.301	.258	.258	.258	.176	.176	.176	.101	.101	.101	.032	.032	.032		
1.0	.295	.268	.243	.252	.230	.209	.172	.158	.145	.099	.091	.084	.032	.029	.027		
2.0	.287	.244	.208	.246	.210	.180	.169	.146	.126	.097	.085	.074	.031	.027	.024		
3.0	.280	.228	.186	.240	.196	.161	.165	.136	.113	.095	.080	.067	.031	.026	.022		
4.0	.272	.215	.171	.234	.186	.148	.161	.129	.105	.093	.076	.062	.030	.025	.020		
5.0	.265	.205	.161	.227	.177	.140	.157	.124	.099	.091	.073	.059	.029	.024	.019		
6.0	.258	.197	.153	.221	.170	.133	.153	.119	.094	.089	.070	.056	.029	.023	.019		
7.0	.251	.190	.148	.216	.165	.129	.149	.116	.091	.087	.068	.054	.028	.022	.018		
8.0	.244	.185	.144	.210	.160	.125	.145	.112	.089	.085	.066	.053	.027	.022	.018		
9.0	.238	.180	.140	.205	.156	.122	.142	.110	.087	.083	.065	.052	.027	.021	.017		
10.0	.232	.176	.138	.200	.152	.120	.139	.107	.085	.081	.063	.051	.026	.021	.017		

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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0.0681Lamp Flux:770.779x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: 1000mm*13mm			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		21.8	23.2	22.2	23.6	24.1	21.5	22.9	22.0	23.4	23.8
3H		24.0	25.3	24.5	25.7	26.3	23.0	24.3	23.5	24.7	25.3
4H		25.0	26.2	25.6	26.7	27.3	23.6	24.8	24.1	25.3	25.8
6H		25.9	27.0	26.4	27.5	28.1	24.0	25.1	24.5	25.6	26.2
8H		26.2	27.3	26.8	27.8	28.4	24.1	25.2	24.6	25.7	26.3
12H		26.6	27.6	27.1	28.2	28.8	24.1	25.2	24.7	25.7	26.3
4H 2H		22.4	23.6	22.9	24.1	24.6	22.2	23.4	22.7	23.9	24.4
3H		24.8	25.9	25.4	26.4	27.0	23.9	24.9	24.4	25.5	26.1
4H		26.0	26.9	26.6	27.5	28.1	24.6	25.6	25.2	26.1	26.8
6H		27.0	27.8	27.6	28.4	29.1	25.2	26.0	25.8	26.6	27.3
8H		27.4	28.2	28.0	28.8	29.5	25.3	26.1	25.9	26.7	27.4
12H		27.9	28.6	28.5	29.2	29.9	25.4	26.2	26.1	26.8	27.5
8H 4H		26.3	27.1	26.9	27.7	28.3	25.1	25.9	25.7	26.5	27.2
6H		27.5	28.1	28.1	28.8	29.5	25.9	26.5	26.5	27.2	27.9
8H		28.0	28.6	28.7	29.3	30.0	26.2	26.7	26.8	27.4	28.2
12H		28.7	29.2	29.4	29.9	30.6	26.4	26.9	27.0	27.6	28.3
12H 4H		26.3	27.0	26.9	27.6	28.3	25.2	25.9	25.8	26.5	27.2
6H		27.5	28.1	28.2	28.8	29.5	26.0	26.6	26.7	27.3	28.0
8H		28.2	28.7	28.9	29.4	30.1	26.4	26.9	27.1	27.6	28.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117, 770.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
The luminaire data in the presentation of the associated IES information used by the URG calculation

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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
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Remarks:

UTILIZATION FACTORS TABLE

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
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SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:

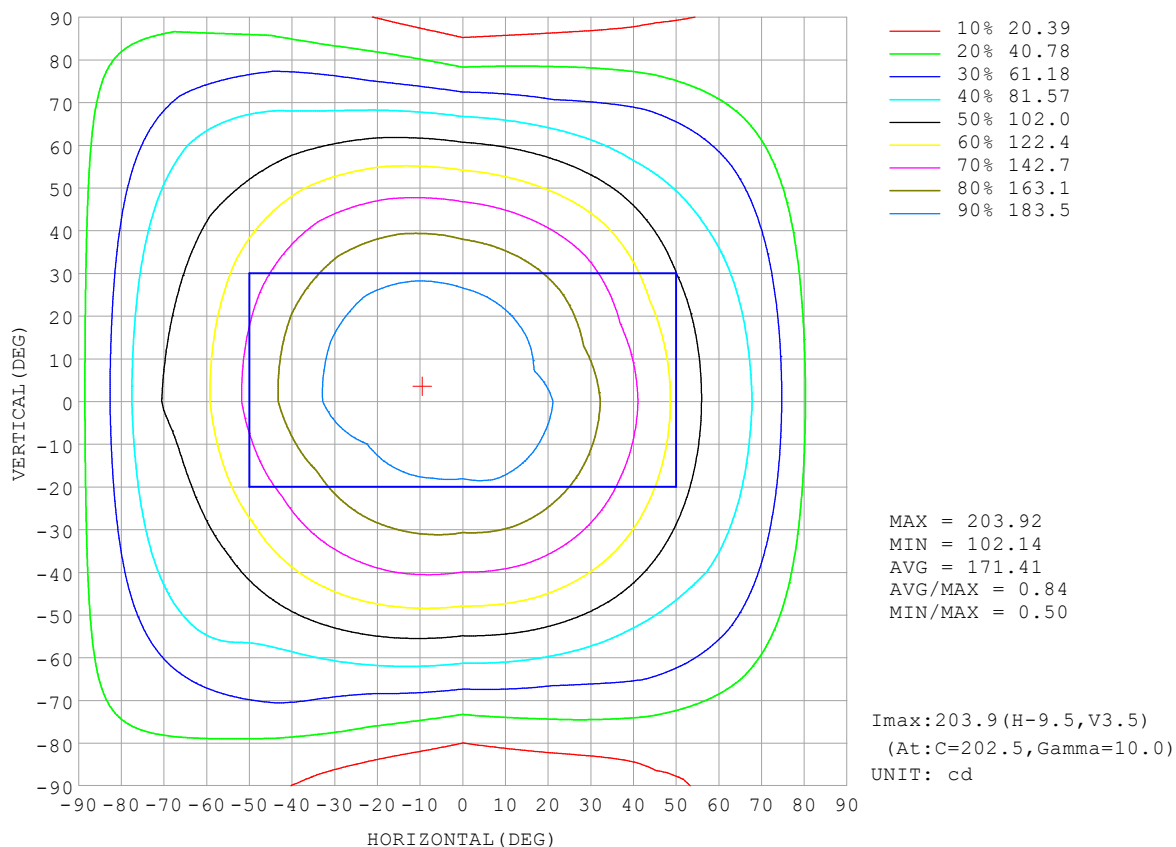
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	51	39	32	50	39	32	48	38	31	24
0.80	61	48	41	59	47	40	56	46	39	31
1.00	69	56	49	67	55	48	63	56	47	38
1.25	76	64	56	73	63	55	69	60	53	44
1.50	81	69	62	78	68	61	73	65	58	48
2.00	88	78	70	85	76	69	79	72	66	55
2.50	92	83	76	89	81	74	83	76	71	59
3.00	96	87	81	92	85	79	86	80	75	63
4.00	100	93	87	96	90	85	90	85	81	67
5.00	103	97	92	99	94	89	92	88	84	70
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
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ISOCANDELA DIAGRAM

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NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:

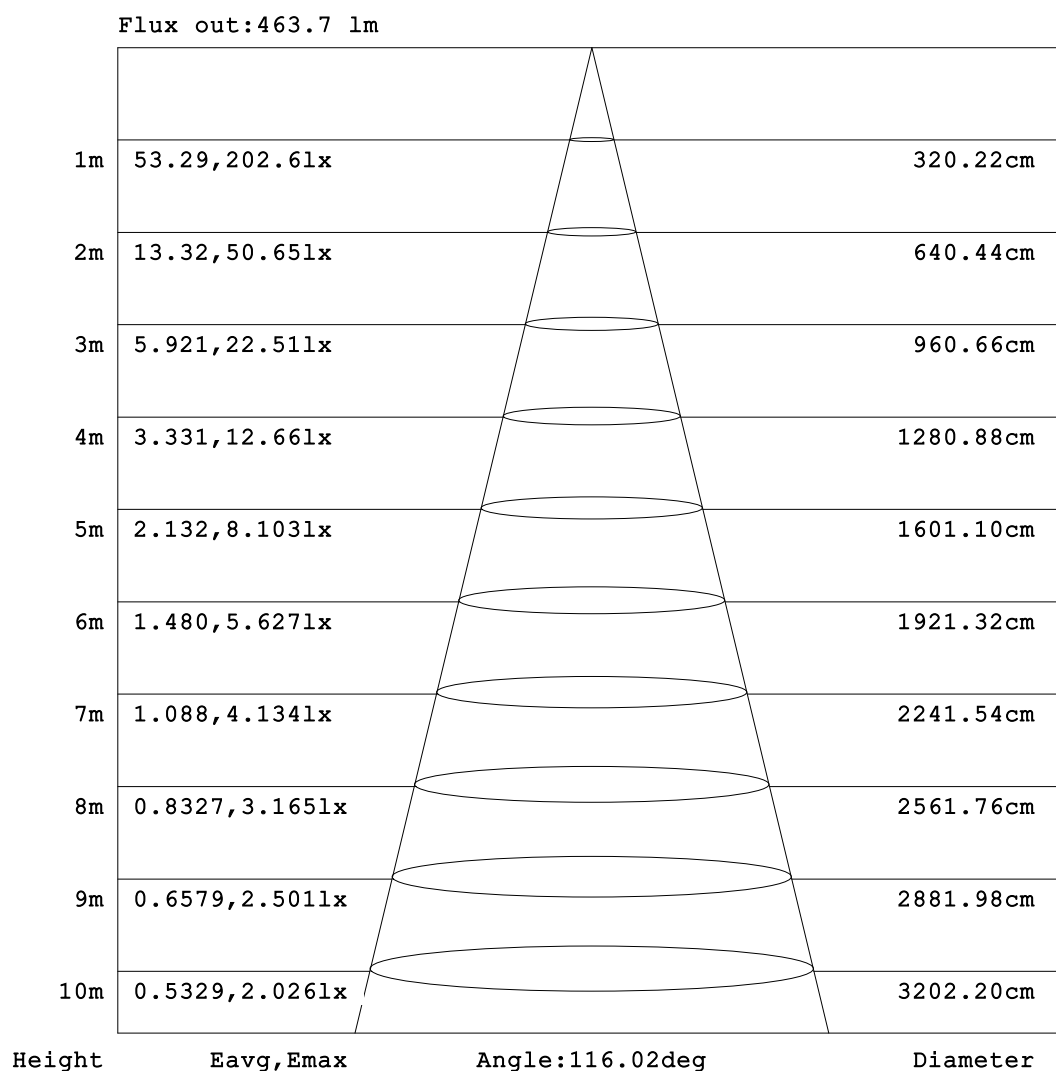


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2026-09-01
Stability time: 300 s

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity: 65.0%
Test Distance: 8.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:



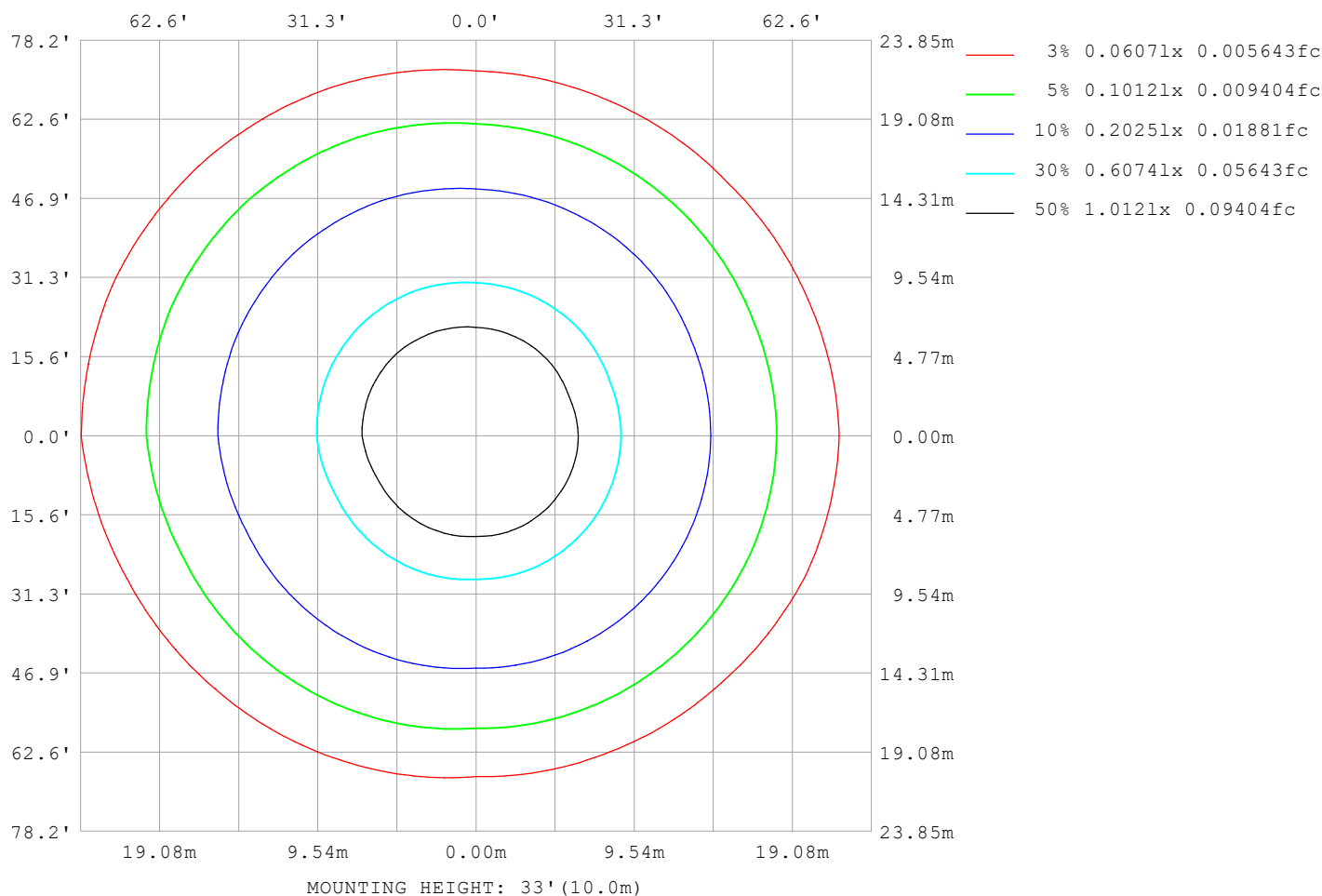
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-09-01
 Stability time:300 s

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:

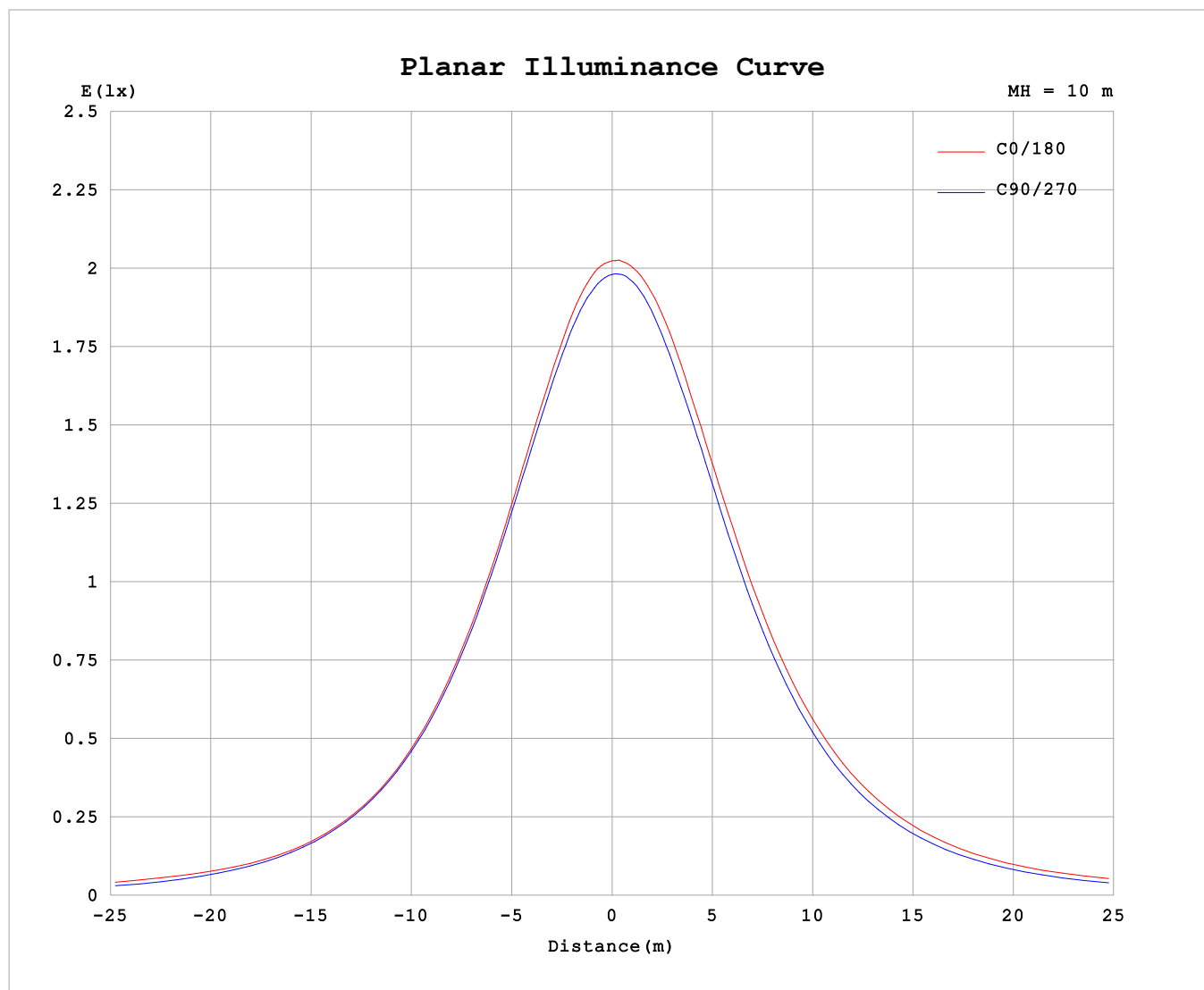
AvgL	cd/m2
L_0~180 (65) av	17227
L_0~180 (75) av	22204
L_0~180 (85) av	35001
L_90~270 (65) av	14322
L_90~270 (75) av	13028
L_90~270 (85) av	13002
L_45 (65) av	15805
L_45 (75) av	18869
L_45 (85) av	28717

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2026-09-01
Stability time: 300 s

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity: 65.0%
Test Distance: 8.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:100.10V I:0.0934A P:8.5273W PF:0.9117 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0.0681 Lamp Flux:770.779x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 1000mm*13mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	199	199	199	199	199	199	199	199	199	199	199	199	199	199	199	199			
5	197	197	196	196	197	197	198	199	200	201	200	200	200	199	198	198			
10	194	194	193	193	193	195	196	198	200	201	200	200	199	198	197	195			
15	189	188	188	188	188	190	193	197	199	200	199	197	196	195	193	191			
20	182	181	181	182	182	185	189	193	196	197	197	194	191	190	188	185			
25	174	174	173	174	174	178	183	187	191	193	192	189	186	184	181	178			
30	165	164	164	165	165	170	175	180	185	186	186	182	179	177	173	169			
35	154	153	153	154	155	161	166	172	176	179	178	174	170	167	164	159			
40	143	142	142	143	143	150	156	161	167	169	169	165	159	156	153	147			
45	130	129	129	130	131	138	144	150	156	159	158	154	148	144	141	135			
50	117	116	116	117	117	124	131	138	144	147	146	141	135	131	128	121			
55	103	102	102	102	102	110	117	125	132	134	132	127	120	117	113	108			
60	90.3	89.3	87.6	86.6	86.2	94.5	103	111	118	120	118	112	104	101	97.7	94.1			
65	83.7	80.8	74.3	70.7	69.6	78.2	87.4	97.5	106	107	103	96.5	87.8	84.9	82.7	84.3			
70	75.1	71.5	64.6	55.5	52.4	61.8	75.3	90.6	101	98.1	89.4	80.0	70.0	68.2	71.7	77.3			
75	59.1	56.9	50.2	42.1	35.5	47.5	65.3	80.1	90.3	89.2	78.5	64.3	52.2	53.4	59.9	62.4			
80	41.0	39.5	35.1	28.3	20.5	33.4	48.9	61.0	70.2	70.3	63.9	49.3	35.3	39.0	42.9	43.7			
85	27.8	26.6	23.1	15.1	8.56	20.2	33.1	43.4	51.6	52.1	46.2	33.4	20.9	24.0	27.8	28.5			
90	22.8	22.3	18.8	11.1	1.14	12.8	22.9	30.1	36.0	36.9	32.2	20.9	10.00	15.7	19.9	22.0			
95	22.4	22.0	17.4	9.79	1.09	11.0	20.4	25.4	29.2	29.0	24.9	14.0	6.15	12.5	17.6	20.4			
100	23.4	22.5	18.0	9.46	1.23	8.87	20.3	25.2	27.4	26.9	22.7	11.5	5.97	8.70	17.8	21.4			
105	24.3	23.1	18.2	9.06	1.39	8.08	18.5	24.9	25.9	25.4	20.4	9.92	5.77	10.3	17.5	21.6			
110	24.6	23.2	17.3	8.54	1.52	7.78	16.2	23.0	23.6	23.4	18.0	9.39	5.50	10.08	15.9	19.7			
115	25.3	23.4	15.7	8.05	1.66	7.00	16.1	21.8	22.1	21.7	15.5	9.74	5.29	9.87	13.4	20.3			
120	27.0	22.9	17.0	9.82	1.63	8.91	17.6	21.0	22.2	20.1	16.7	9.61	4.94	10.3	16.5	20.2			
125	31.4	27.7	20.1	11.2	1.43	9.52	19.1	22.9	23.9	21.2	18.0	10.5	4.48	11.8	20.6	24.5			
130	38.3	34.9	24.8	11.1	1.07	9.49	21.7	26.6	27.8	24.3	19.3	11.3	4.01	12.4	24.1	31.5			
135	46.0	40.6	29.2	10.4	1.12	9.60	25.0	31.6	33.8	29.6	23.2	11.4	3.54	11.8	27.3	39.2			
140	46.7	41.8	28.0	9.21	1.16	11.2	26.6	37.3	40.3	35.9	26.5	12.4	2.73	10.1	28.6	40.6			
145	45.1	42.1	23.0	7.18	1.20	11.3	26.8	40.6	44.8	40.3	27.8	12.5	2.36	9.17	24.5	38.1			
150	40.3	34.8	16.9	5.27	1.22	10.3	24.8	39.4	44.0	39.7	25.9	11.6	2.22	7.64	18.4	33.9			
155	29.5	21.5	11.0	4.15	2.26	8.54	21.8	33.2	37.4	33.7	22.4	7.16	2.18	5.53	12.0	23.0			
160	19.3	12.8	6.74	5.73	2.27	6.55	16.8	24.7	28.1	25.5	17.4	8.21	2.19	5.26	7.82	12.8			
165	11.6	6.52	5.88	5.60	2.28	4.06	10.9	16.7	16.2	17.2	12.3	5.06	2.22	5.64	4.94	6.59			
170	6.48	3.85	5.95	4.23	2.33	1.82	6.65	9.54	10.2	7.65	6.91	1.56	2.28	4.50	5.04	3.61			
175	3.28	4.50	3.65	2.85	2.38	2.12	1.69	2.76	1.84	2.50	1.48	1.65	2.33	3.09	3.46	3.24			
180	1.55	1.74	1.68	2.06	2.40	2.52	1.99	1.57	1.54	1.73	1.70	2.17	2.33	2.56	1.93	1.59			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	198.8	198.8	198.8	198.8	198.8	198.8	198.8	198.8	198.8	198.8
3.0	198.1	197.7	197.3	197.4	197.7	198.2	198.5	199.0	199.4	200.1
6.0	196.8	196.2	195.8	195.5	196.2	197.1	197.9	198.8	199.8	200.6
9.0	194.7	194.4	193.6	193.4	194.2	195.4	196.5	198.4	200.0	200.8
12.0	192.1	191.7	191.3	191.1	191.5	193.0	195.0	197.8	199.9	200.3
15.0	188.6	188.3	188.0	188.3	188.2	190.2	193.2	196.6	199.1	199.6
18.0	184.6	184.2	184.4	184.5	184.4	187.1	190.8	194.5	197.4	198.3
21.0	180.5	179.8	179.6	180.3	180.2	183.7	187.9	191.8	194.6	196.4
24.0	175.7	175.2	175.0	175.4	175.8	179.7	184.0	188.4	192.1	193.8
27.0	170.5	170.0	169.6	170.2	170.9	175.3	179.8	184.7	188.6	190.4
30.0	164.7	164.3	163.9	164.7	165.2	170.3	175.0	180.4	184.8	186.4
33.0	158.7	158.0	157.8	158.6	159.1	164.6	169.8	175.3	179.9	181.8
36.0	152.2	151.1	151.2	152.2	152.6	158.6	164.2	169.7	174.7	177.0
39.0	145.3	144.1	144.2	145.1	145.6	152.2	158.0	163.7	168.9	171.3
42.0	137.8	136.9	136.9	137.8	138.2	145.4	151.2	156.9	162.8	165.3
45.0	130.0	129.4	129.4	130.2	130.6	138.0	144.1	150.3	156.3	158.8
48.0	122.0	121.5	121.6	122.3	122.6	129.7	136.5	143.2	149.3	151.7
51.0	113.8	113.3	113.5	114.0	114.1	121.5	128.6	135.6	142.2	144.4
54.0	105.4	105.1	105.2	105.1	105.1	112.9	120.3	127.6	134.4	136.5
57.0	97.43	96.96	96.50	95.93	95.82	103.9	111.7	119.1	126.4	128.4
60.0	90.34	89.26	87.61	86.57	86.18	94.49	102.7	110.6	118.0	119.9
63.0	85.65	83.50	79.11	77.04	76.34	84.79	93.47	102.3	109.9	111.6
66.0	82.72	79.68	72.20	67.58	66.20	74.82	84.57	95.57	104.1	104.2
69.0	77.68	74.20	66.68	58.31	55.82	64.98	77.21	91.58	101.2	99.24
72.0	69.35	66.12	60.09	50.14	45.42	55.79	71.66	88.00	98.31	95.65
75.0	59.13	56.89	50.22	42.07	35.47	47.49	65.31	80.13	90.28	89.20
78.0	47.95	46.46	41.31	33.88	26.09	39.10	55.85	68.58	78.16	78.38
81.0	37.68	36.39	32.26	25.62	17.94	30.45	45.39	56.90	66.27	66.43
84.0	29.72	28.63	25.02	17.63	10.69	22.40	35.62	46.66	55.21	55.59
87.0	24.58	23.87	20.45	12.01	4.770	16.28	27.88	37.54	44.83	45.26
90.0	22.80	22.31	18.83	11.07	1.142	12.78	22.87	30.12	36.01	36.86
93.0	22.68	22.63	18.52	9.849	1.046	11.42	20.68	26.26	30.84	31.10
96.0	22.39	21.78	17.52	9.798	1.120	10.75	20.35	25.19	28.67	28.37
99.0	23.13	22.36	17.91	9.585	1.195	9.526	20.33	25.15	27.67	27.25
102.0	23.83	22.87	18.13	9.438	1.289	8.481	20.03	25.18	26.71	26.28
105.0	24.27	23.11	18.18	9.063	1.387	8.076	18.51	24.94	25.92	25.36
108.0	24.49	23.18	18.07	8.413	1.466	7.857	17.50	23.89	24.75	24.05
111.0	24.75	23.26	16.38	8.525	1.545	7.417	15.19	22.60	23.09	23.11
114.0	25.16	23.48	15.28	7.866	1.644	7.003	15.43	22.08	22.21	22.06
117.0	25.83	22.52	16.23	8.830	1.648	8.088	16.85	20.74	22.03	20.41
120.0	26.96	22.95	17.01	9.819	1.634	8.912	17.63	21.02	22.23	20.06
123.0	29.18	25.28	18.19	11.03	1.542	9.465	18.23	22.04	23.04	20.48
126.0	32.67	28.84	20.91	11.40	1.410	9.503	19.63	23.54	24.49	21.67
129.0	36.87	33.17	23.45	11.54	1.196	9.568	21.12	25.74	26.84	23.54
132.0	41.52	37.09	27.20	10.65	1.088	9.074	23.05	28.42	30.04	26.22
135.0	45.97	40.58	29.24	10.36	1.121	9.596	24.97	31.64	33.84	29.62
138.0	47.75	41.76	28.53	9.675	1.153	10.56	26.25	34.98	37.87	33.20
141.0	46.55	42.26	27.23	8.822	1.172	11.16	26.85	38.32	41.43	37.04
144.0	45.85	42.58	24.14	7.701	1.195	11.45	27.32	40.33	44.23	39.79
147.0	44.88	39.98	20.54	6.447	1.205	11.12	25.95	40.90	45.13	40.72
150.0	40.33	34.82	16.89	5.272	1.219	10.26	24.82	39.40	44.01	39.71
153.0	33.82	26.89	13.12	4.443	1.606	9.389	23.14	36.05	41.00	36.65
156.0	27.35	19.18	9.925	4.917	2.265	8.102	20.71	31.32	35.64	32.25
159.0	21.20	14.45	7.403	5.620	2.265	6.930	17.74	26.24	29.89	27.35
162.0	15.83	9.879	6.264	5.814	2.265	5.614	14.46	21.53	23.95	21.99
165.0	11.61	6.518	5.876	5.600	2.279	4.062	10.87	16.75	16.15	17.21
168.0	8.480	4.568	5.985	4.817	2.302	3.070	8.568	11.19	12.25	12.71
171.0	6.379	3.751	5.733	3.898	2.354	1.883	5.563	8.517	8.697	7.512
174.0	4.056	4.793	4.308	3.019	2.368	2.062	1.746	4.219	2.472	4.217
177.0	1.723	3.141	2.595	2.506	2.372	2.255	1.756	1.466	1.476	1.517
180.0	1.553	1.741	1.680	2.064	2.396	2.523	1.988	1.571	1.540	1.732
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	198.8	198.8	198.8	198.8	198.8	198.8				
3.0	199.6	199.6	199.6	199.1	198.6	198.2				
6.0	200.2	199.8	199.6	198.9	198.0	197.6				
9.0	199.9	199.6	199.0	198.4	197.0	196.1				
12.0	200.0	198.8	197.6	197.0	195.6	194.1				
15.0	199.1	197.4	195.7	195.1	193.3	191.4				
18.0	198.0	195.2	193.2	192.4	190.5	188.0				
21.0	195.8	193.2	190.5	189.3	186.9	183.8				
24.0	193.1	190.1	187.5	185.6	182.8	179.4				
27.0	189.7	186.4	183.6	181.4	178.1	174.2				
30.0	185.8	182.3	178.7	176.6	173.1	168.7				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks:

Photometric Data Table [cd]

33.0	181.3	177.7	173.5	171.1	167.6	162.8
36.0	176.3	172.6	167.7	165.0	161.8	156.6
39.0	170.7	167.1	161.6	158.6	155.3	149.8
42.0	164.6	160.6	154.8	151.6	148.6	142.5
45.0	158.0	153.6	147.6	144.3	141.1	134.7
48.0	150.8	146.0	139.9	136.5	133.2	126.8
51.0	143.1	138.4	131.8	128.3	124.9	118.7
54.0	135.2	130.2	123.1	119.7	116.2	110.5
57.0	126.8	121.6	114.1	110.6	107.0	102.1
60.0	118.0	112.5	104.5	101.2	97.73	94.05
63.0	109.0	103.0	94.55	91.50	88.43	87.37
66.0	99.99	93.19	84.24	81.58	80.05	83.11
69.0	91.80	83.29	73.64	71.52	73.49	78.98
72.0	84.90	73.57	62.94	61.95	67.83	72.24
75.0	78.50	64.29	52.21	53.35	59.92	62.38
78.0	70.58	55.31	41.77	44.79	49.67	51.28
81.0	60.14	46.14	32.07	36.00	39.70	40.12
84.0	49.41	36.44	23.45	26.27	30.44	30.84
87.0	40.07	28.03	16.04	19.89	23.40	24.87
90.0	32.19	20.90	9.997	15.67	19.94	21.99
93.0	26.80	16.12	6.548	13.80	18.38	20.55
96.0	24.23	13.58	6.080	12.30	17.75	20.54
99.0	23.07	12.05	5.987	10.09	17.29	21.23
102.0	21.54	10.97	5.893	10.57	18.06	21.53
105.0	20.36	9.924	5.772	10.28	17.52	21.61
108.0	19.08	9.464	5.617	10.47	15.79	21.25
111.0	17.70	9.442	5.464	10.18	15.58	20.35
114.0	15.86	9.674	5.324	9.881	13.74	20.08
117.0	15.45	9.641	5.206	9.945	13.92	19.71
120.0	16.73	9.609	4.940	10.31	16.46	20.22
123.0	17.70	9.940	4.702	11.11	19.12	22.31
126.0	18.16	10.68	4.352	11.99	21.06	25.61
129.0	18.79	11.23	4.081	12.34	22.94	30.14
132.0	20.65	11.13	3.819	12.16	25.35	34.36
135.0	23.18	11.38	3.539	11.83	27.28	39.21
138.0	25.38	12.02	3.123	10.64	28.45	40.68
141.0	26.96	12.52	2.638	9.973	28.23	40.47
144.0	27.76	12.57	2.414	9.383	25.75	37.56
147.0	27.21	12.24	2.274	8.689	21.97	36.91
150.0	25.95	11.63	2.223	7.638	18.41	33.90
153.0	23.97	10.79	2.190	6.257	15.18	27.47
156.0	21.49	6.903	2.186	5.389	10.97	20.19
159.0	18.64	8.512	2.176	5.267	8.608	14.53
162.0	15.28	6.982	2.200	5.531	6.541	10.51
165.0	12.32	5.064	2.223	5.640	4.942	6.588
168.0	6.731	3.338	2.260	5.122	4.932	4.229
171.0	5.858	1.561	2.288	4.197	5.007	3.556
174.0	1.606	1.616	2.316	3.282	3.969	3.361
177.0	1.469	1.777	2.340	2.829	2.470	2.301
180.0	1.698	2.170	2.335	2.560	1.926	1.590

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-09-01
Stability time:300 s

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.500
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: