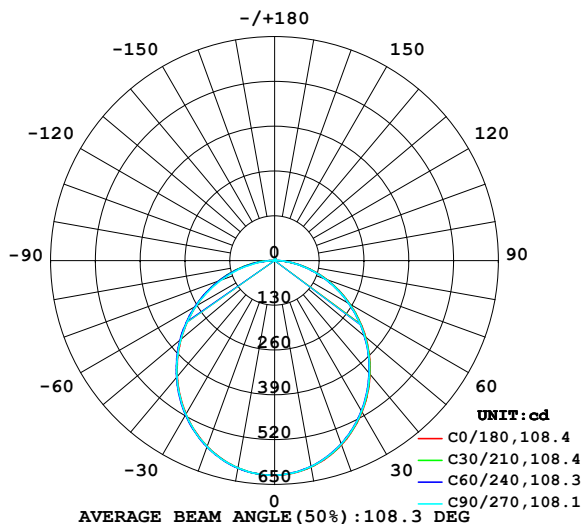


LUMINAIRE PHOTOMETRIC TEST REPORT

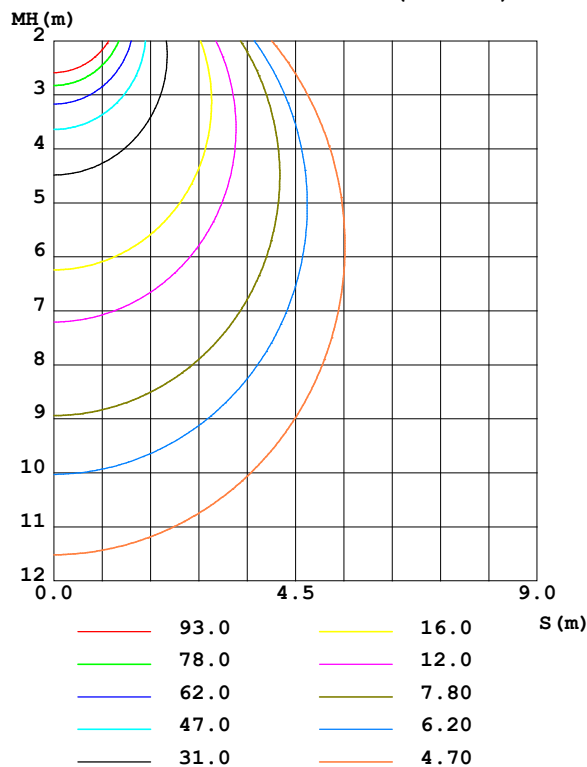
Test:U:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.74 lm/W			
MODEL		I _{max} (cd)	623.4	S/MH(C0/180)	1.23
NOMINAL POWER(W)	18W	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1728.2	η UP,DN(C0-180)	0.4,48.9
NOMINAL FLUX(lm)	1728.19	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)		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 °C
Operators: CAM
Test Date: 28 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	608.6	607.0	607.3	608.2	611.2	611.6	611.5	610.5	0- 10	58.81	58.81	3.4,3.4
20	568.6	566.4	566.6	568.5	573.8	575.1	574.7	572.6	10- 20	167.2	226.0	13.1,13.1
30	507.7	504.9	505.1	507.6	514.8	516.9	516.0	513.3	20- 30	250.1	476.2	27.6,27.6
40	431.2	428.2	428.3	431.4	439.8	442.5	441.4	438.2	30- 40	296.8	772.9	44.7,44.7
50	344.7	341.7	341.8	344.9	354.9	357.6	355.9	352.7	40- 50	303.3	1076	62.3,62.3
60	252.8	249.6	249.2	252.6	263.0	266.3	262.3	260.4	50- 60	271.4	1348	78,78
70	160.1	157.2	156.1	159.1	170.2	172.1	164.9	165.1	60- 70	207.8	1555	90,90
80	72.63	70.40	68.75	68.76	77.43	80.44	70.41	72.67	70- 80	123.9	1679	97.2,97.2
90	1.883	0.9216	1.015	0.9788	5.045	1.310	0.8266	1.665	80- 90	35.86	1715	99.2,99.2
100	1.160	1.156	1.129	1.123	0.9834	0.9467	0.9252	0.9434	90-100	1.029	1716	99.3,99.3
110	1.662	1.667	1.641	1.626	1.473	1.418	1.385	1.445	100-110	1.363	1717	99.4,99.4
120	2.167	2.167	2.151	2.136	1.967	1.898	1.864	1.940	110-120	1.772	1719	99.5,99.5
130	2.616	2.610	2.623	2.603	2.444	2.363	2.330	2.389	120-130	2.032	1721	99.6,99.6
140	2.986	2.981	3.010	2.973	2.842	2.760	2.745	2.771	130-140	2.081	1723	99.7,99.7
150	3.295	3.298	3.324	3.313	3.184	3.110	3.065	3.111	140-150	1.910	1725	99.8,99.8
160	3.526	3.546	3.621	3.562	3.459	3.400	3.413	3.397	150-160	1.549	1727	99.9,99.9
170	3.734	3.748	3.751	3.742	3.711	3.658	3.599	3.630	160-170	1.021	1728	100,100
180	3.751	3.770	3.762	3.773	3.751	3.765	3.751	3.765	170-180	0.3554	1728	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:28 July 2025

 γ Range: 0 - 180DEG

 γ Interval: 1.0DEG

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

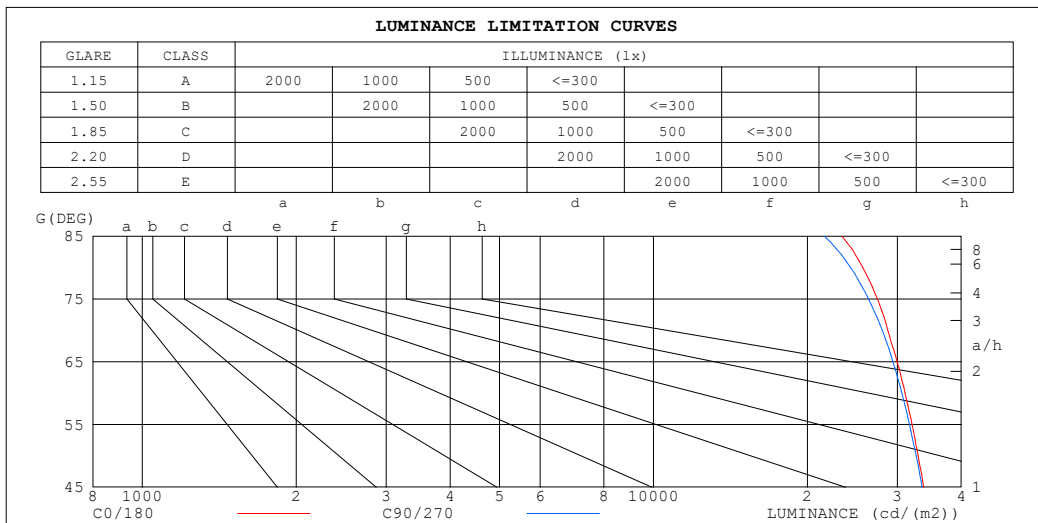
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	23384	21605
80	25691	24319
75	27419	26361
70	28749	28026
65	29978	29412
60	31052	30617
55	32038	31682
50	32937	32662
45	33787	33525

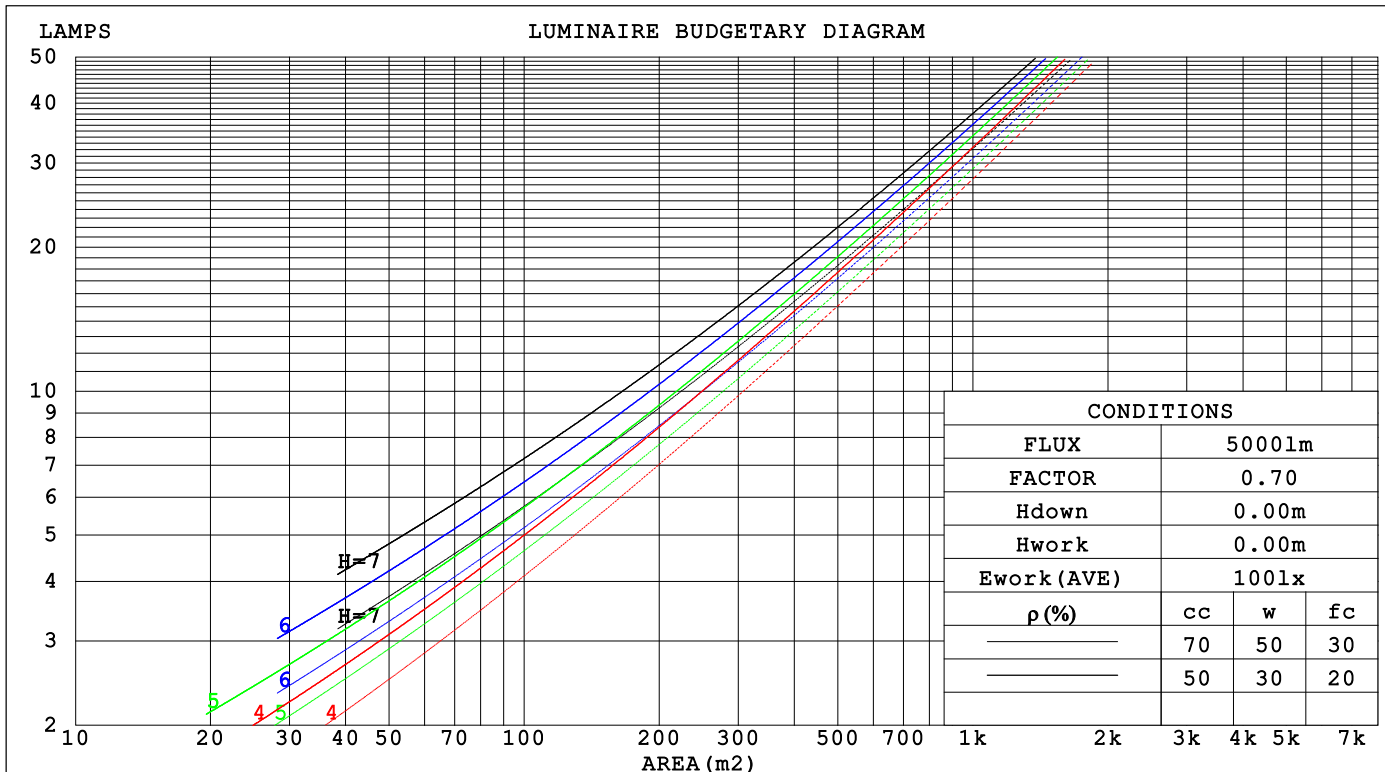
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:28 July 2025

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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	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	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.74	.68	.63	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.32	.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:28 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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm					
NAME: P101003			TYPE: 3000K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.: D144mm		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	.311	.177	.056	.304	.173	.055	.290	.167	.053	.278	.160	.051	.266	.154	.050		
2.0	.292	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.142	.045		
3.0	.270	.143	.043	.264	.141	.043	.253	.137	.042	.243	.133	.041	.234	.130	.040		
4.0	.249	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032		
6.0	.213	.107	.031	.209	.106	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.176	.091	.027		
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.151	.075	.021	.146	.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	.121	.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	.070	.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	.097	.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	.022	.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	.073	.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:28 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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm										
NAME: P101003					TYPE: 3000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.: D144mm			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	22.8	24.3	23.1	24.6	24.8	22.8	24.3	23.0	24.5	24.7
3H	24.4	25.8	24.7	26.0	26.3	24.3	25.7	24.6	25.9	26.2
4H	25.0	26.3	25.3	26.6	26.9	24.9	26.2	25.2	26.5	26.7
6H	25.5	26.8	25.9	27.1	27.3	25.3	26.6	25.7	26.9	27.2
8H	25.7	26.9	26.0	27.2	27.5	25.5	26.7	25.8	27.0	27.3
12H	25.8	27.0	26.2	27.3	27.6	25.6	26.7	26.0	27.1	27.4
4H 2H	23.4	24.8	23.8	25.0	25.3	23.4	24.7	23.7	25.0	25.2
3H	25.2	26.3	25.5	26.6	26.9	25.1	26.2	25.4	26.5	26.9
4H	25.9	27.0	26.3	27.3	27.7	25.8	26.9	26.2	27.2	27.6
6H	26.6	27.5	27.0	27.9	28.3	26.4	27.3	26.8	27.7	28.1
8H	26.8	27.7	27.2	28.1	28.5	26.6	27.5	27.0	27.9	28.3
12H	27.0	27.8	27.4	28.2	28.6	26.8	27.6	27.2	28.0	28.4
8H 4H	26.2	27.1	26.6	27.5	27.9	26.1	27.0	26.5	27.4	27.8
6H	27.0	27.7	27.5	28.1	28.6	26.8	27.6	27.3	28.0	28.4
8H	27.3	28.0	27.8	28.4	28.9	27.1	27.8	27.6	28.2	28.7
12H	27.6	28.1	28.1	28.6	29.1	27.4	27.9	27.9	28.4	28.9
12H 4H	26.2	27.0	26.7	27.4	27.9	26.1	26.9	26.6	27.3	27.7
6H	27.1	27.7	27.5	28.1	28.6	26.9	27.6	27.4	28.0	28.5
8H	27.4	28.0	27.9	28.4	28.9	27.3	27.8	27.7	28.3	28.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117, 1728 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.9)
Area: 0.01628 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:28 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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	Shielding Angle:

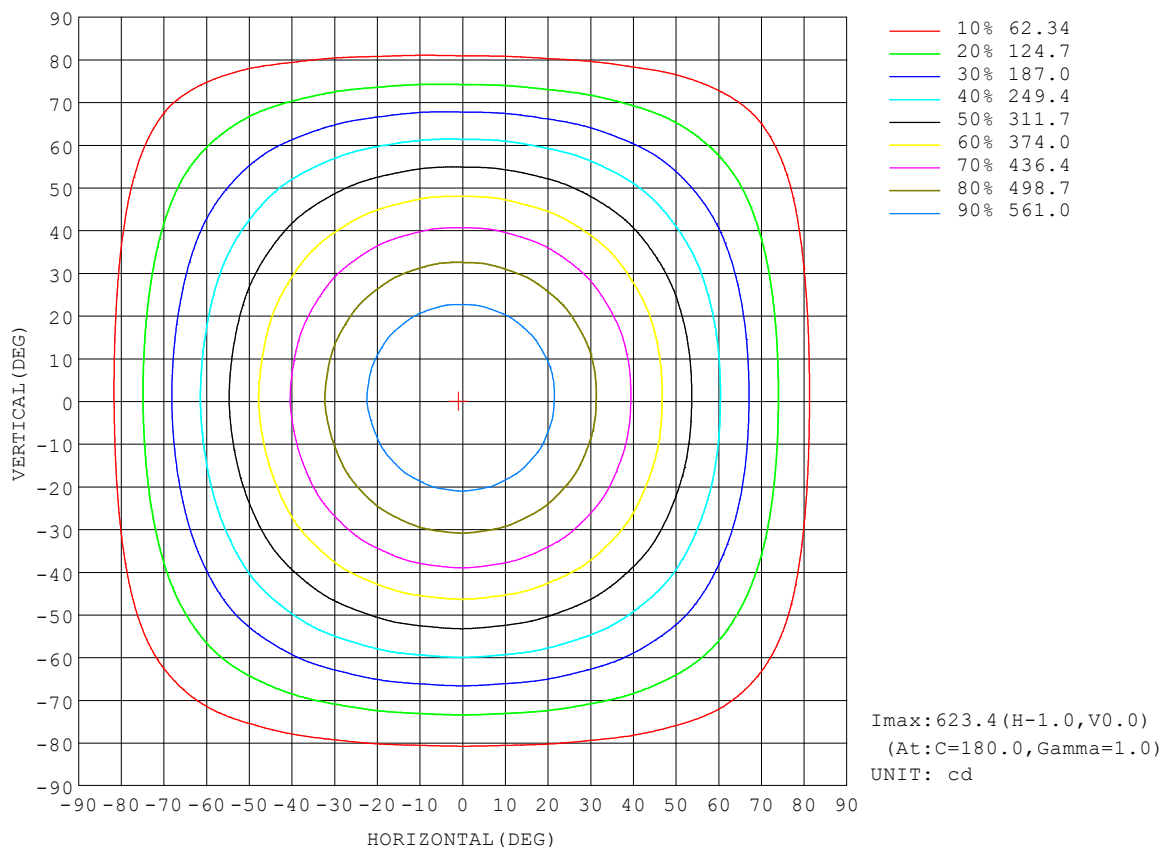
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	90	100	93	88	96	90	86	77
4.00	106	100	96	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	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: 28 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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	Shielding Angle:

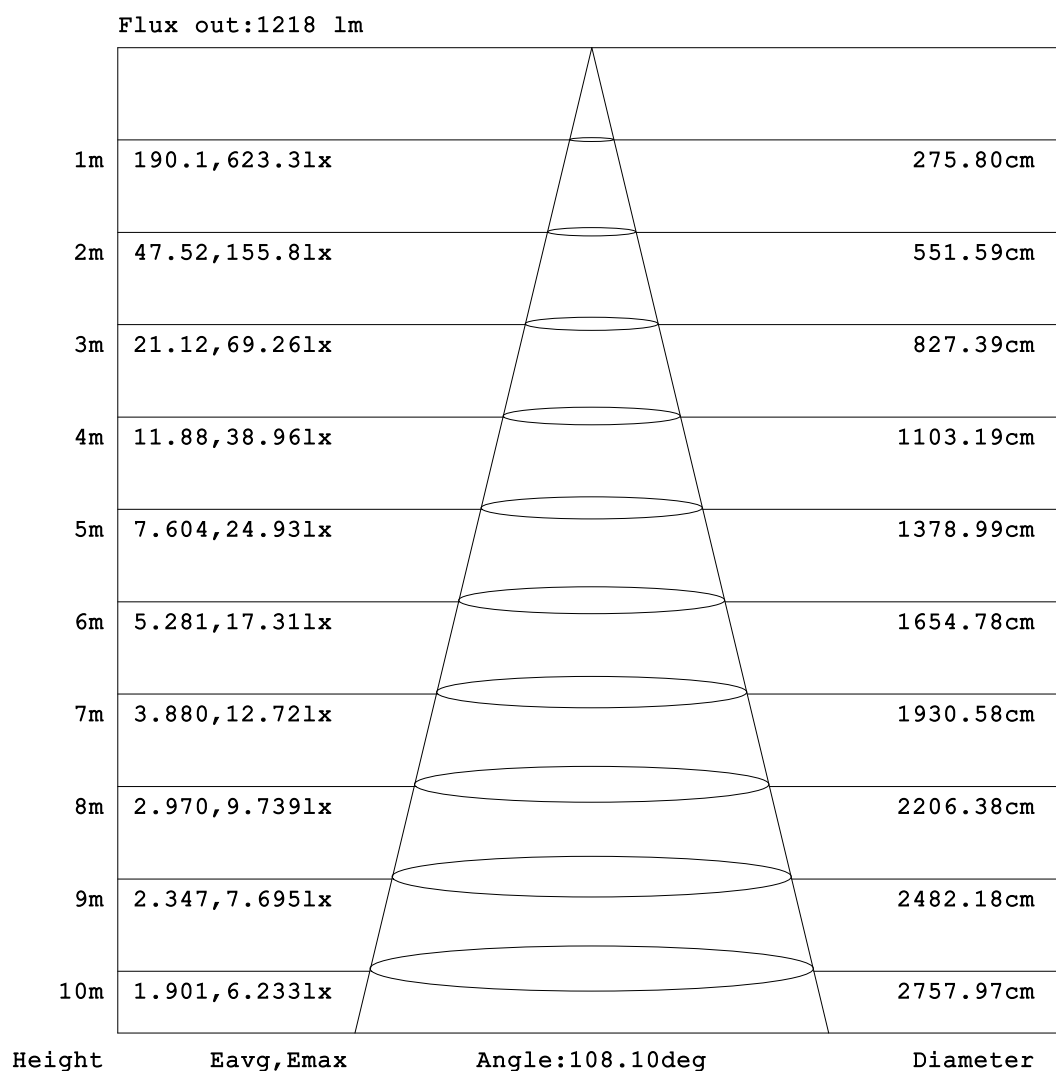


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 28 July 2025

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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	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:28 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

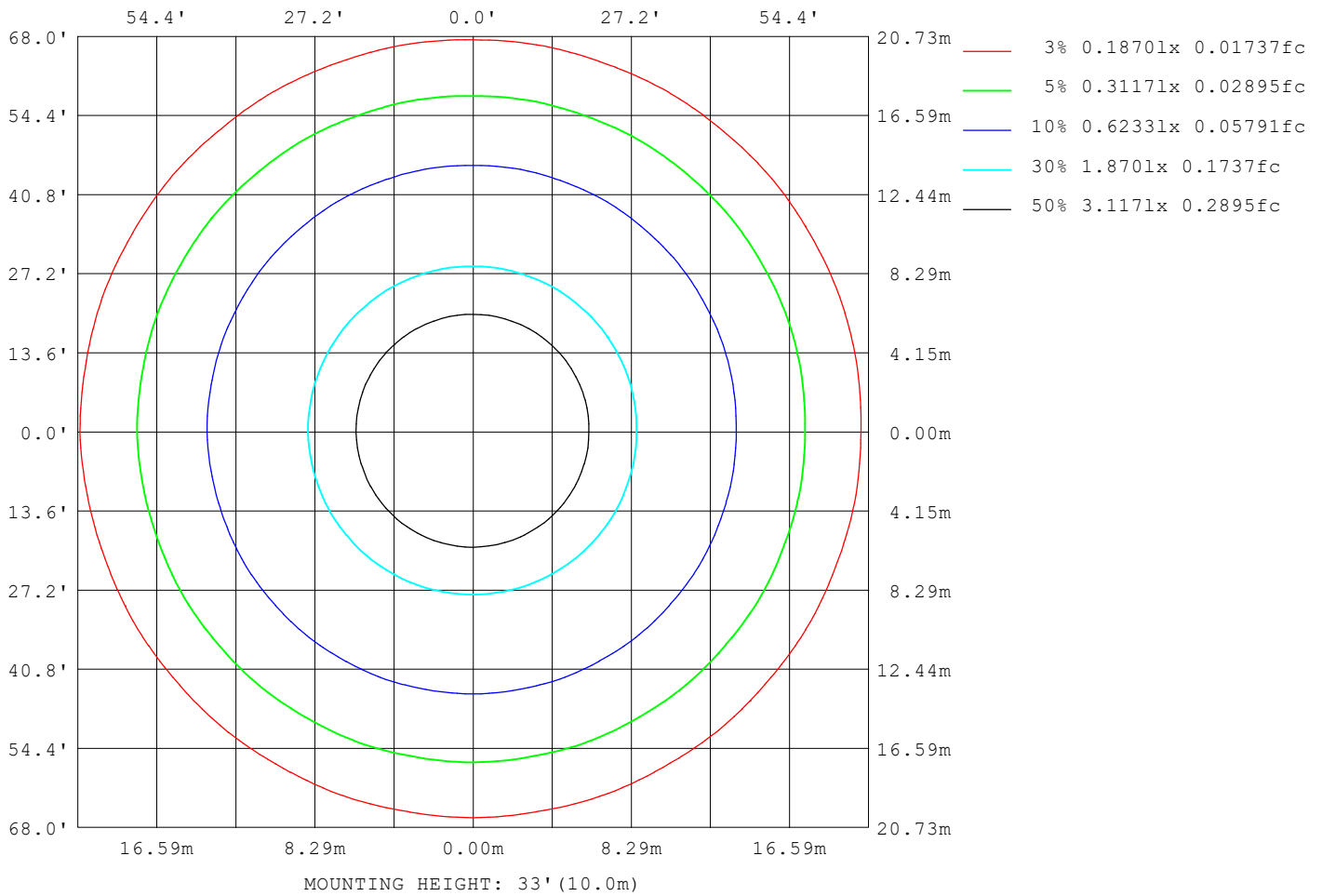
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:28 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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm		
NAME: P101003	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D144mm	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	30713
L_0~180 (75) av	28402
L_0~180 (85) av	23837
L_90~270 (65) av	30236
L_90~270 (75) av	27034
L_90~270 (85) av	20325
L_45 (65) av	30560
L_45 (75) av	27844
L_45 (85) av	20698

Standard: GB/T 29293-2012

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:28 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

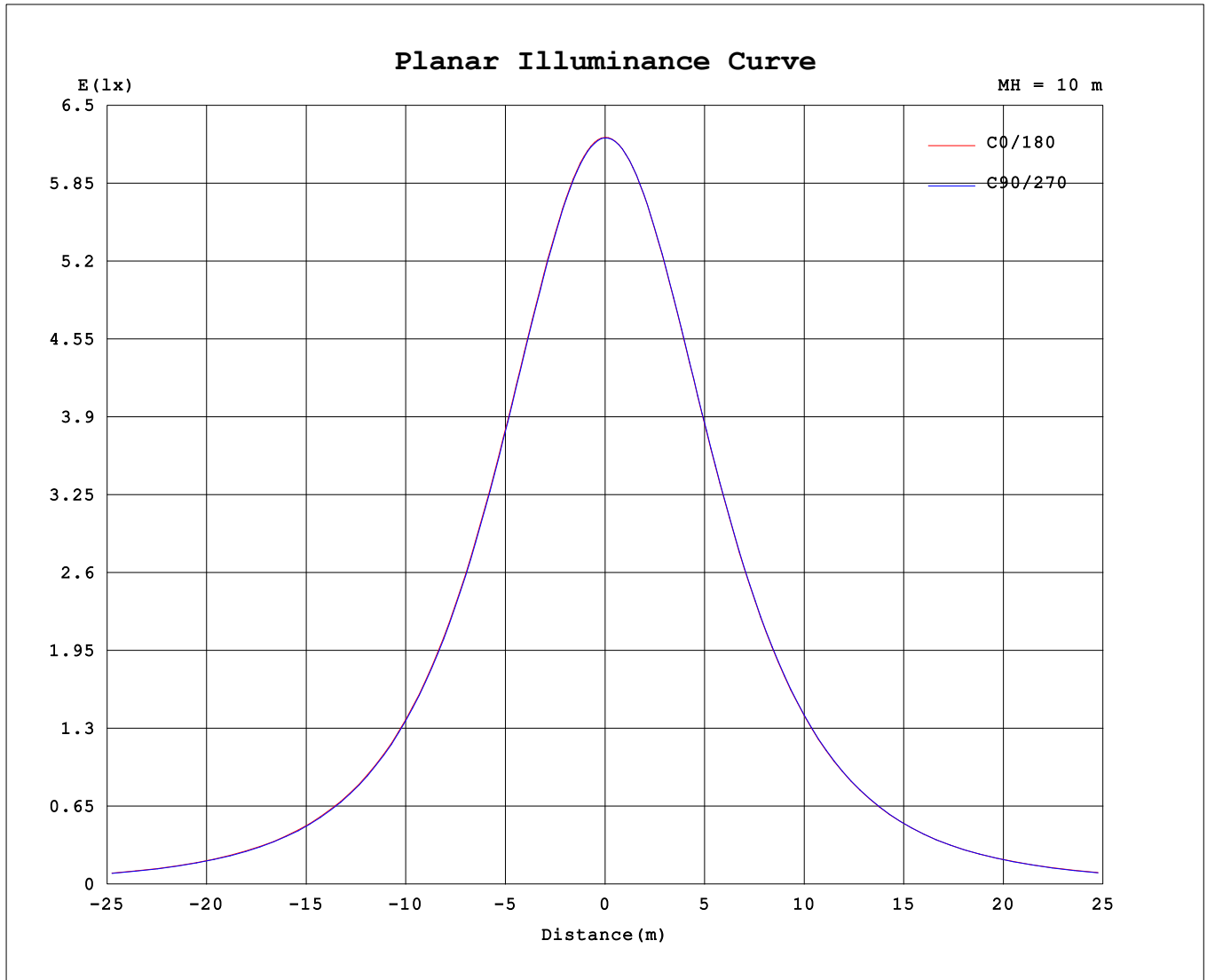
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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: 28 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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm																		
NAME: P101003									TYPE: 3000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.: D144mm					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	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623
5	619	619	619	619	618	618	618	618	618	618	618	619	619	619	619	619	619	620	621
10	609	608	607	608	607	607	607	607	607	607	607	608	608	608	608	609	609	610	611
15	592	591	590	590	590	590	589	590	589	590	590	590	590	591	591	592	592	593	595
20	569	568	567	567	566	567	566	566	566	567	566	567	567	568	568	570	570	571	574
25	540	540	539	539	538	538	537	538	537	538	538	539	539	540	540	542	542	544	547
30	508	508	506	506	505	505	504	505	504	505	505	506	506	508	508	510	510	512	515
35	471	471	469	469	468	468	467	468	467	468	468	469	469	471	471	473	473	475	479
40	431	431	429	430	428	429	427	428	427	428	428	430	429	431	431	434	434	436	440
45	389	389	387	387	385	386	384	386	384	386	385	387	387	389	389	392	392	394	398
50	345	345	343	343	341	342	340	342	340	342	341	343	342	345	345	348	348	351	355
55	299	299	297	298	295	296	294	296	294	296	295	297	297	299	299	302	302	305	309
60	253	253	251	252	249	250	248	249	248	249	248	250	250	253	253	255	256	259	263
65	206	206	204	205	203	203	202	202	201	202	201	203	203	206	206	209	209	212	216
70	160	160	158	159	157	157	156	156	155	156	155	157	157	159	159	162	163	166	170
75	116	116	114	114	112	113	111	112	110	111	110	112	111	113	113	115	116	119	124
80	72.6	72.7	71.5	71.8	70.3	70.5	69.1	69.4	68.2	68.8	68.0	69.1	68.3	69.1	68.4	70.0	70.4	73.3	77.4
85	33.2	33.2	32.0	32.2	29.0	29.1	29.7	31.0	30.0	30.7	30.0	30.9	29.4	26.6	23.5	21.9	22.5	27.2	34.5
90	1.88	1.69	1.29	1.16	1.01	0.84	0.90	0.95	1.07	1.02	1.08	1.25	1.20	1.06	0.90	1.14	1.69	2.82	5.05
95	0.93	0.95	0.98	0.96	0.94	0.93	0.94	0.92	0.93	0.90	0.92	0.89	0.90	0.90	0.91	0.93	0.94	0.92	0.77
100	1.16	1.16	1.16	1.16	1.16	1.16	1.15	1.14	1.13	1.13	1.12	1.12	1.12	1.13	1.12	1.14	1.13	1.15	0.98
105	1.40	1.42	1.40	1.42	1.40	1.41	1.39	1.39	1.38	1.38	1.37	1.37	1.36	1.38	1.37	1.41	1.40	1.40	1.22
110	1.66	1.68	1.66	1.67	1.66	1.67	1.64	1.65	1.63	1.64	1.62	1.63	1.62	1.64	1.62	1.66	1.65	1.66	1.47
115	1.91	1.93	1.90	1.93	1.91	1.93	1.89	1.92	1.88	1.90	1.87	1.90	1.89	1.89	1.86	1.90	1.89	1.91	1.73
120	2.17	2.18	2.15	2.17	2.16	2.18	2.13	2.17	2.13	2.15	2.12	2.14	2.13	2.16	2.11	2.14	2.12	2.16	1.97
125	2.40	2.43	2.37	2.41	2.37	2.40	2.37	2.42	2.37	2.40	2.36	2.38	2.35	2.39	2.38	2.40	2.38	2.41	2.21
130	2.62	2.64	2.59	2.62	2.59	2.63	2.59	2.63	2.58	2.62	2.58	2.61	2.58	2.62	2.58	2.63	2.60	2.63	2.44
135	2.80	2.83	2.79	2.82	2.79	2.82	2.78	2.84	2.79	2.82	2.80	2.82	2.78	2.81	2.77	2.83	2.79	2.83	2.65
140	2.99	3.01	2.97	3.01	2.97	2.99	2.95	3.00	2.96	3.01	2.97	3.00	2.95	2.99	2.96	3.02	2.98	3.02	2.84
145	3.14	3.18	3.14	3.18	3.13	3.17	3.11	3.15	3.10	3.16	3.13	3.16	3.12	3.17	3.14	3.18	3.13	3.18	3.02
150	3.30	3.33	3.27	3.31	3.27	3.32	3.27	3.32	3.27	3.32	3.28	3.33	3.29	3.34	3.29	3.31	3.26	3.32	3.18
155	3.41	3.45	3.39	3.44	3.40	3.47	3.42	3.50	3.45	3.50	3.43	3.48	3.42	3.46	3.42	3.45	3.40	3.46	3.32
160	3.53	3.57	3.53	3.57	3.51	3.58	3.53	3.62	3.58	3.62	3.58	3.62	3.57	3.59	3.54	3.58	3.54	3.59	3.46
165	3.65	3.71	3.67	3.72	3.67	3.67	3.63	3.68	3.64	3.73	3.69	3.73	3.68	3.72	3.64	3.69	3.64	3.69	3.62
170	3.73	3.76	3.73	3.76	3.74	3.75	3.71	3.76	3.71	3.75	3.72	3.75	3.73	3.76	3.72	3.77	3.72	3.77	3.71
175	3.74	3.76	3.75	3.76	3.74	3.77	3.75	3.77	3.73	3.76	3.74	3.76	3.75	3.77	3.77	3.78	3.76	3.77	3.74
180	3.75	3.76	3.75	3.76	3.77	3.77	3.77	3.77	3.75	3.76	3.76	3.76	3.76	3.77	3.78	3.78	3.77	3.77	3.75

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:28 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:230.90V I:0.1374A P:17.502W PF:0.5516 Freq:50.00Hz Lamp Flux:1728.19x1 lm																	
NAME: P101003									TYPE: 3000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D144mm						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	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623		
5	620	621	620	621	621	621	621	621	621	621	620	620	620	620	620	620	619		
10	611	612	611	612	611	612	612	612	611	612	611	611	610	611	610	610	609		
15	595	596	596	597	596	597	596	597	596	596	595	596	595	594	593	593	592		
20	574	575	574	575	575	575	575	575	575	575	574	574	573	573	571	571	570		
25	546	548	548	549	548	549	548	549	548	548	547	547	545	545	544	544	542		
30	515	516	516	517	517	518	517	517	516	516	515	515	513	513	512	512	510		
35	479	481	480	482	481	482	481	482	480	481	479	479	477	477	475	475	474		
40	440	442	441	443	442	443	442	443	441	442	440	440	438	438	436	436	434		
45	398	400	400	402	400	402	401	402	400	401	398	399	396	397	394	394	392		
50	354	357	356	358	357	359	357	358	356	357	354	355	352	353	350	351	348		
55	309	311	311	313	312	313	312	312	310	311	309	309	307	307	305	305	302		
60	263	265	265	267	266	267	264	265	262	263	261	262	260	261	258	258	256		
65	217	219	218	220	218	219	216	216	214	214	212	214	212	213	211	212	210		
70	170	173	172	173	171	171	168	167	165	165	164	165	164	166	165	166	164		
75	125	128	127	127	124	123	120	119	117	117	116	117	117	119	119	120	119		
80	80.6	84.0	82.7	82.0	78.9	77.2	74.0	72.7	70.4	70.5	69.7	71.2	71.5	73.9	74.6	76.4	75.6		
85	38.8	42.0	41.2	37.7	33.3	33.0	30.6	29.2	27.0	27.5	27.1	28.9	27.1	30.3	34.1	36.3	36.0		
90	5.19	4.92	3.55	1.90	0.72	0.90	1.85	1.22	0.83	1.19	1.89	1.35	0.85	2.48	4.01	4.36	3.47		
95	0.78	0.77	0.77	0.75	0.77	0.76	0.78	0.76	0.76	0.77	0.77	0.75	0.76	0.75	0.77	0.75	0.80		
100	0.98	0.97	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.94	0.95	0.95	0.95	0.97	1.00		
105	1.20	1.20	1.18	1.18	1.17	1.16	1.15	1.17	1.15	1.16	1.15	1.17	1.16	1.21	1.22	1.25	1.23		
110	1.44	1.45	1.42	1.43	1.41	1.41	1.39	1.41	1.39	1.41	1.39	1.44	1.41	1.48	1.46	1.47	1.48		
115	1.68	1.70	1.66	1.68	1.64	1.66	1.64	1.66	1.62	1.66	1.65	1.70	1.68	1.73	1.71	1.71	1.73		
120	1.91	1.93	1.89	1.92	1.88	1.90	1.87	1.88	1.86	1.89	1.87	1.93	1.91	1.97	1.95	1.99	1.97		
125	2.16	2.18	2.13	2.15	2.11	2.13	2.13	2.14	2.10	2.14	2.12	2.16	2.15	2.21	2.18	2.23	2.21		
130	2.38	2.40	2.35	2.38	2.35	2.37	2.35	2.36	2.33	2.36	2.34	2.38	2.36	2.42	2.40	2.46	2.43		
135	2.59	2.61	2.55	2.58	2.54	2.57	2.56	2.58	2.54	2.58	2.55	2.58	2.56	2.60	2.59	2.64	2.63		
140	2.78	2.81	2.76	2.79	2.73	2.76	2.73	2.77	2.74	2.78	2.73	2.77	2.74	2.80	2.78	2.84	2.81		
145	2.96	3.00	2.94	2.97	2.91	2.94	2.89	2.94	2.90	2.94	2.90	2.95	2.92	2.99	2.95	3.00	2.98		
150	3.12	3.14	3.09	3.13	3.09	3.13	3.08	3.11	3.07	3.11	3.08	3.12	3.08	3.14	3.10	3.14	3.13		
155	3.27	3.30	3.24	3.29	3.25	3.30	3.27	3.31	3.27	3.29	3.24	3.28	3.24	3.29	3.24	3.30	3.27		
160	3.42	3.47	3.39	3.42	3.37	3.43	3.42	3.47	3.41	3.45	3.39	3.44	3.37	3.42	3.37	3.44	3.39		
165	3.58	3.63	3.58	3.62	3.51	3.55	3.50	3.56	3.55	3.59	3.55	3.59	3.53	3.55	3.50	3.55	3.53		
170	3.69	3.73	3.69	3.70	3.62	3.65	3.60	3.65	3.60	3.66	3.62	3.66	3.60	3.66	3.60	3.64	3.63		
175	3.71	3.75	3.72	3.77	3.71	3.73	3.68	3.73	3.67	3.73	3.69	3.74	3.69	3.73	3.68	3.72	3.68		
180	3.74	3.75	3.75	3.76	3.77	3.77	3.76	3.76	3.75	3.75	3.75	3.76	3.76	3.77	3.75	3.76	3.74		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:28 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: