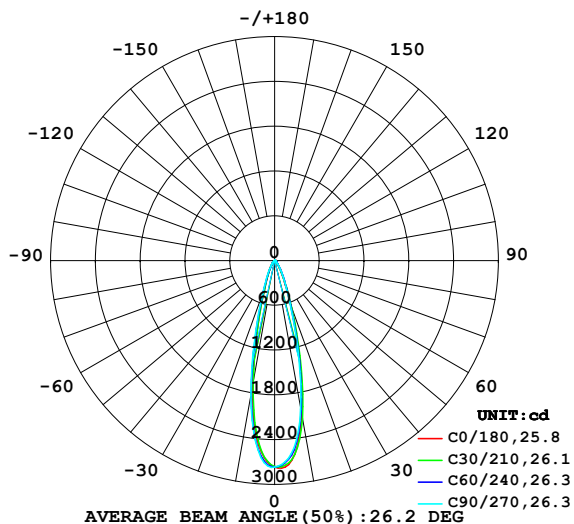


LUMINAIRE PHOTOMETRIC TEST REPORT

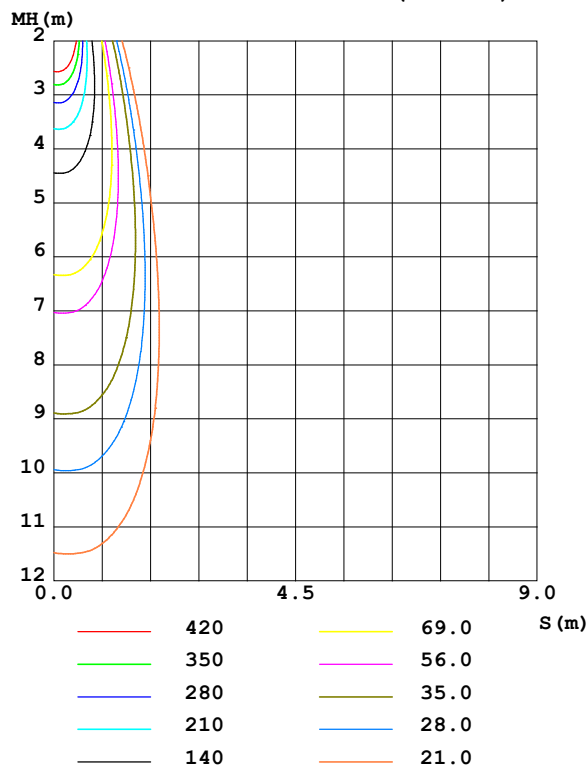
Test:U:230.19V I:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 54.70 lm/W
MODEL	P101014	I _{max} (cd)	2779	S/MH(C0/180)	0.40	
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	0.42	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	768.79	η UP,DN(C0-180)	0.4,53.6	
NOMINAL FLUX(lm)	768.795	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,45.6	
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	230	η down (%)	99.3	CIBSE SHR MAX	0.30	

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:01 August 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	2098	2121	2022	1962	1702	1716	1829	1857	0- 10	224.6	224.6	29.2,29.2
20	630.0	658.4	608.9	530.3	399.6	411.5	476.1	532.2	10- 20	298.6	523.2	68,68
30	179.7	193.3	197.9	151.8	128.9	127.9	137.6	174.0	20- 30	134.8	657.9	85.6,85.6
40	68.67	75.57	78.07	57.98	51.89	51.47	55.22	68.57	30- 40	63.46	721.4	93.8,93.8
50	26.89	29.07	27.86	23.31	17.95	17.34	20.85	23.86	40- 50	31.70	753.1	98,98
60	4.001	4.321	3.186	3.376	1.886	1.679	2.616	2.575	50- 60	9.388	762.5	99.2,99.2
70	0.0169	0.0084	0	0.0058	0	0.0028	0.0114	0.0057	60- 70	0.5842	763.1	99.3,99.3
80	0	0	0	0	0	0	0	0	70- 80	0.0006	763.1	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	0	763.1	99.3,99.3
100	0	0	0	0	0	0	0	0	90-100	0	763.1	99.3,99.3
110	0	0.0085	0.0171	0.0197	0.0170	0.0112	0	0.0001	100-110	0.0021	763.1	99.3,99.3
120	0.0781	0.1066	0.1628	0.1599	0.1348	0.1205	0.0729	0.0730	110-120	0.0479	763.1	99.3,99.3
130	0.3923	0.4159	0.5229	0.5535	0.4893	0.4718	0.4031	0.3564	120-130	0.2232	763.3	99.3,99.3
140	1.434	1.437	1.624	1.662	1.526	1.493	1.358	1.283	130-140	0.6741	764.0	99.4,99.4
150	3.222	3.222	3.410	3.399	3.247	3.164	2.989	2.925	140-150	1.422	765.4	99.6,99.6
160	4.390	4.377	4.497	4.469	4.346	4.224	4.109	4.062	150-160	1.765	767.2	99.8,99.8
170	4.312	4.228	4.104	4.273	4.070	4.006	3.925	3.882	160-170	1.216	768.4	100,100
180	3.779	3.801	3.739	3.745	3.779	3.770	3.694	3.720	170-180	0.3731	768.8	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:01 August 2025

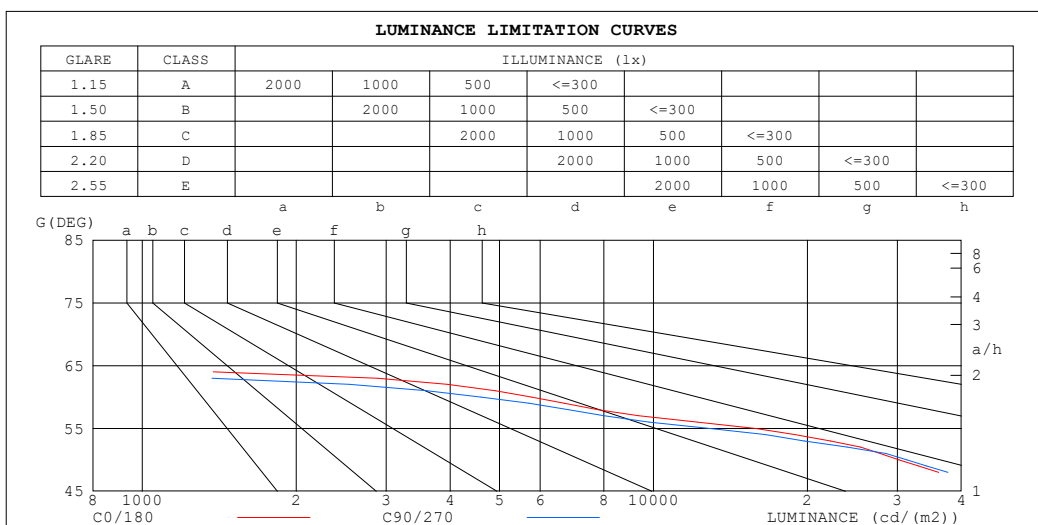
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.19V I:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz

Lamp Flux:768.795x1 lm

NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	36	0
65	389	19
60	5779	4601
55	15850	12914
50	30207	31306
45	47235	50044

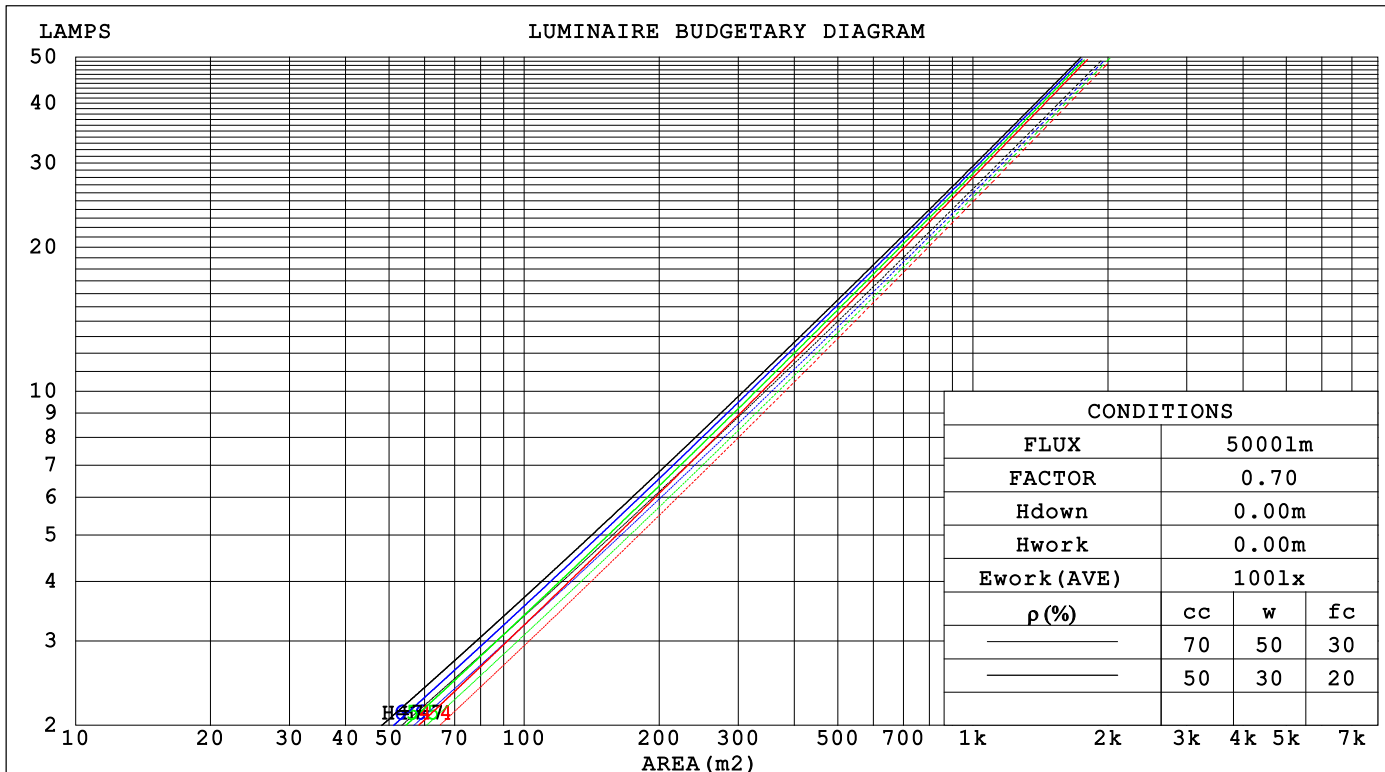
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.19V I:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.91	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.76
7.0	.84	.80	.76	.84	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
8.0	.81	.76	.73	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71
9.0	.78	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.70	.69
10.0	.76	.71	.68	.75	.71	.68	.74	.70	.68	.74	.70	.68	.73	.70	.67	.66



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 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:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz									
Lamp Flux:768.795x1 lm									
NAME:				TYPE: 2700K				WEIGHT:	
SPEC.:				DIM.:				SERIAL No.:	
MFR.:				SUR.: D42mm				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	.150	.085	.027	.143	.082	.026	.130	.075	.024	.118	.068	.022	.107	.062	.020		
2.0	.141	.077	.024	.135	.075	.023	.125	.069	.022	.115	.064	.020	.106	.060	.019		
3.0	.133	.071	.021	.128	.068	.021	.119	.064	.020	.110	.061	.019	.103	.057	.018		
4.0	.125	.065	.019	.121	.063	.019	.113	.060	.018	.106	.057	.017	.100	.054	.016		
5.0	.118	.060	.017	.115	.059	.017	.108	.056	.017	.102	.054	.016	.096	.051	.015		
6.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.098	.051	.015	.093	.049	.015		
7.0	.107	.053	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	.090	.047	.014		
8.0	.102	.050	.014	.100	.049	.014	.095	.047	.014	.091	.046	.013	.087	.045	.013		
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.013	.084	.043	.012		
10.0	.093	.045	.012	.091	.044	.012	.088	.043	.012	.084	.042	.012	.081	.041	.012		

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	.175	.163	.153	.150	.140	.131	.102	.096	.091	.059	.056	.053	.019	.018	.017		
2.0	.158	.138	.122	.135	.119	.105	.093	.082	.074	.053	.048	.043	.017	.016	.014		
3.0	.144	.119	.099	.123	.103	.086	.085	.071	.061	.049	.042	.036	.016	.014	.012		
4.0	.132	.104	.083	.113	.090	.072	.078	.063	.051	.045	.037	.030	.015	.012	.010		
5.0	.122	.092	.070	.105	.080	.061	.072	.056	.043	.042	.033	.025	.013	.011	.008		
6.0	.114	.082	.060	.098	.071	.052	.067	.050	.037	.039	.029	.022	.013	.010	.007		
7.0	.107	.074	.052	.092	.064	.045	.063	.045	.032	.037	.027	.019	.012	.009	.006		
8.0	.100	.068	.045	.086	.059	.039	.060	.041	.028	.035	.024	.017	.011	.008	.006		
9.0	.095	.062	.040	.082	.054	.035	.057	.038	.025	.033	.022	.015	.011	.007	.005		
10.0	.090	.058	.036	.078	.050	.031	.054	.035	.022	.031	.021	.013	.010	.007	.004		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm										
NAME:					TYPE: 2700K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.: D42mm			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	19.6	20.4	19.9	20.5	20.7	20.0	20.7	20.2	20.9	21.1
3H	19.5	20.2	19.7	20.4	20.6	19.8	20.5	20.1	20.7	20.9
4H	19.4	20.0	19.7	20.3	20.5	19.7	20.4	20.0	20.6	20.8
6H	19.3	19.9	19.6	20.2	20.4	19.7	20.3	20.0	20.5	20.8
8H	19.3	19.8	19.6	20.1	20.4	19.6	20.2	19.9	20.5	20.7
12H	19.2	19.8	19.5	20.1	20.3	19.6	20.1	19.9	20.4	20.7
4H 2H	19.4	20.1	19.7	20.3	20.5	19.8	20.4	20.1	20.7	20.9
3H	19.3	19.8	19.6	20.1	20.4	19.6	20.2	19.9	20.5	20.7
4H	19.2	19.7	19.5	20.0	20.3	19.5	20.0	19.9	20.3	20.7
6H	19.1	19.5	19.4	19.9	20.2	19.4	19.9	19.8	20.2	20.6
8H	19.0	19.4	19.4	19.8	20.2	19.4	19.8	19.8	20.1	20.5
12H	18.9	19.3	19.4	19.7	20.1	19.3	19.7	19.7	20.1	20.5
8H 4H	19.0	19.4	19.4	19.8	20.2	19.4	19.8	19.8	20.1	20.5
6H	18.9	19.2	19.3	19.6	20.1	19.2	19.6	19.7	20.0	20.4
8H	18.8	19.1	19.3	19.6	20.0	19.2	19.5	19.6	19.9	20.4
12H	18.8	19.0	19.2	19.5	20.0	19.1	19.4	19.6	19.8	20.3
12H 4H	18.9	19.3	19.4	19.7	20.1	19.3	19.7	19.7	20.1	20.5
6H	18.8	19.1	19.3	19.6	20.0	19.2	19.5	19.6	19.9	20.4
8H	18.8	19.0	19.2	19.5	20.0	19.1	19.4	19.6	19.8	20.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 8.2					+ 2.5 / -10.0				
1.5H	+ 2.7 / - 4.3					+ 3.2 / - 6.6				
2.0H	+ 4.9 / -13.2					+ 5.4 / -19.5				

CIE Pub.117, 768.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
Area: 0.00138474 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

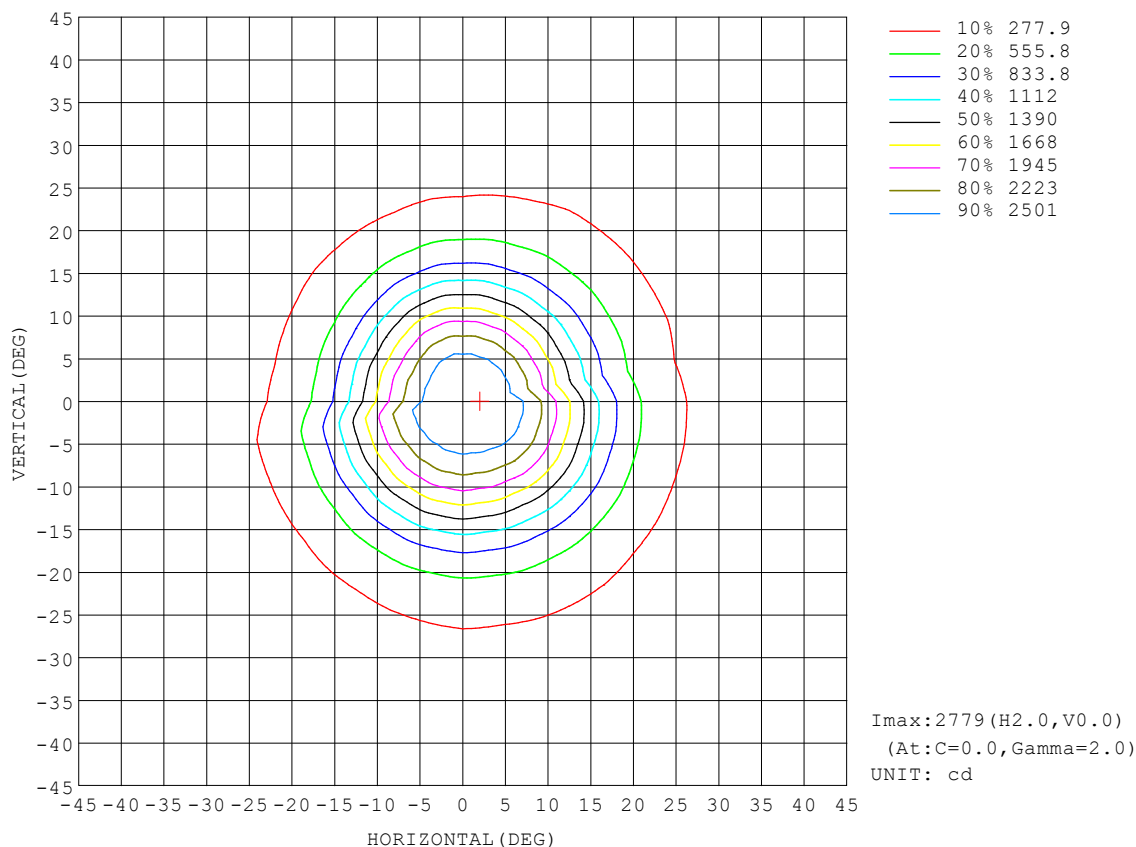
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	86	93	88	85	81
1.00	99	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	104	101	99	94
2.50	110	107	104	109	105	103	105	103	101	95
3.00	112	109	106	110	107	105	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
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: 01 August 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:230.19V I:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

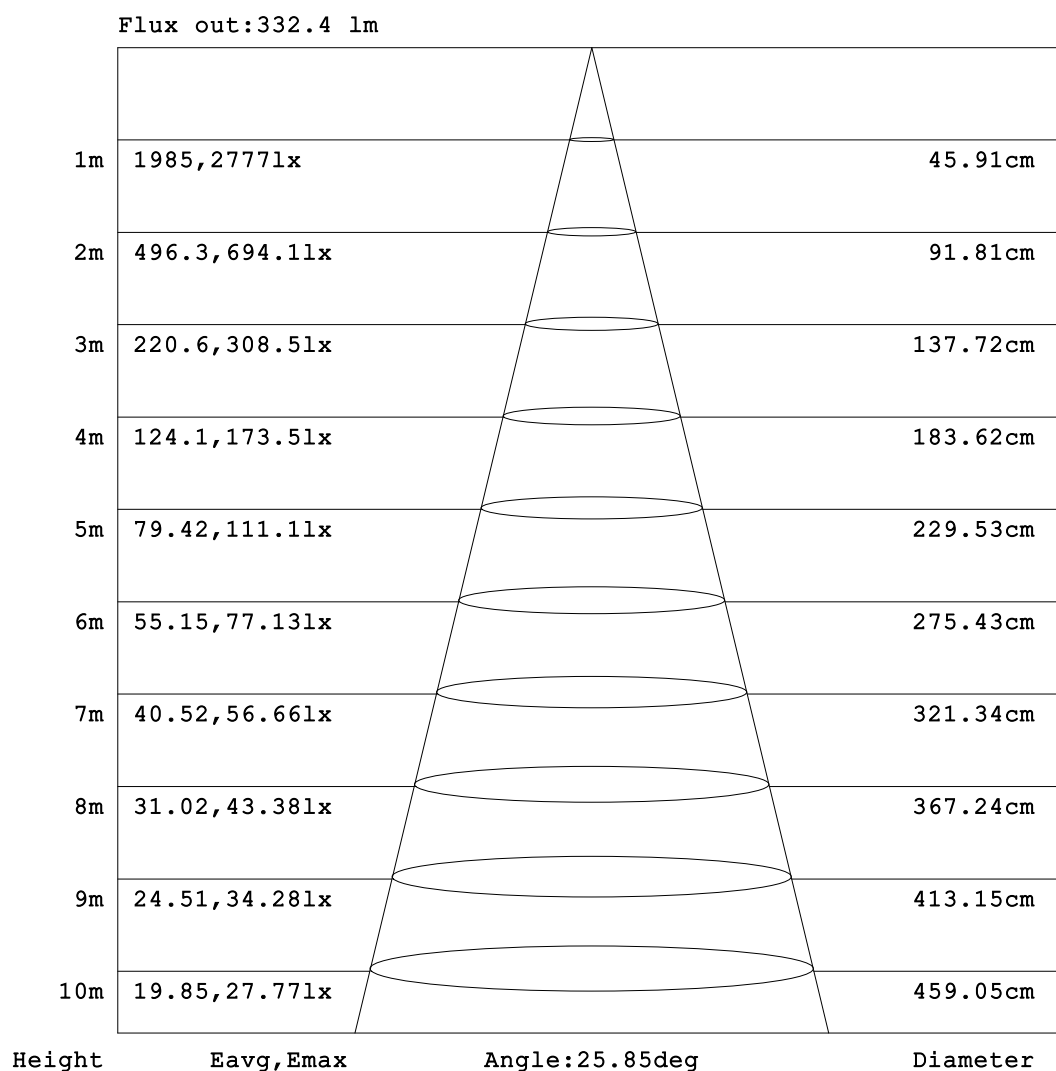


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.19V I:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:



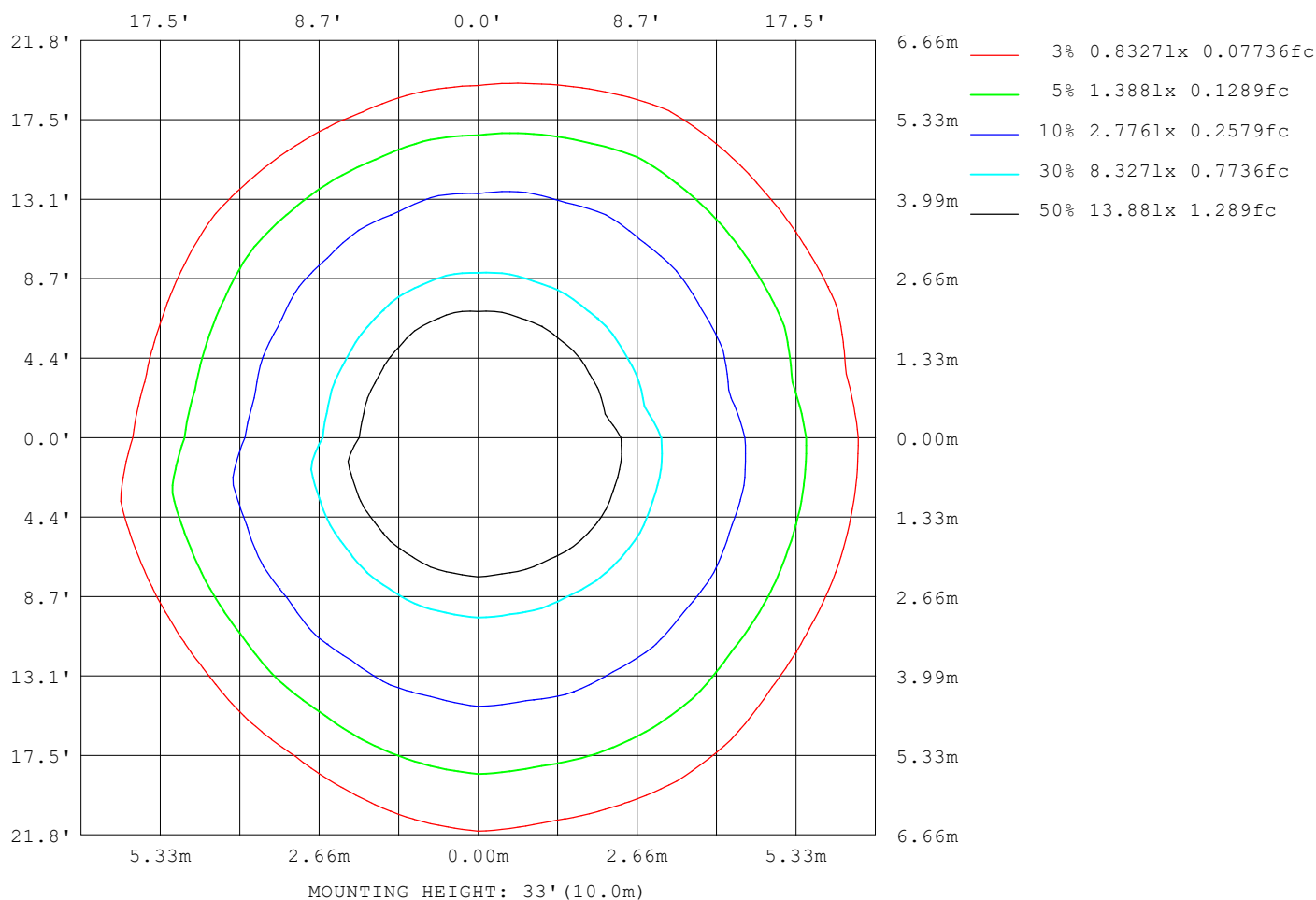
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:CAM
 Test Date:01 August 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:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:01 August 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:230.19V I:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

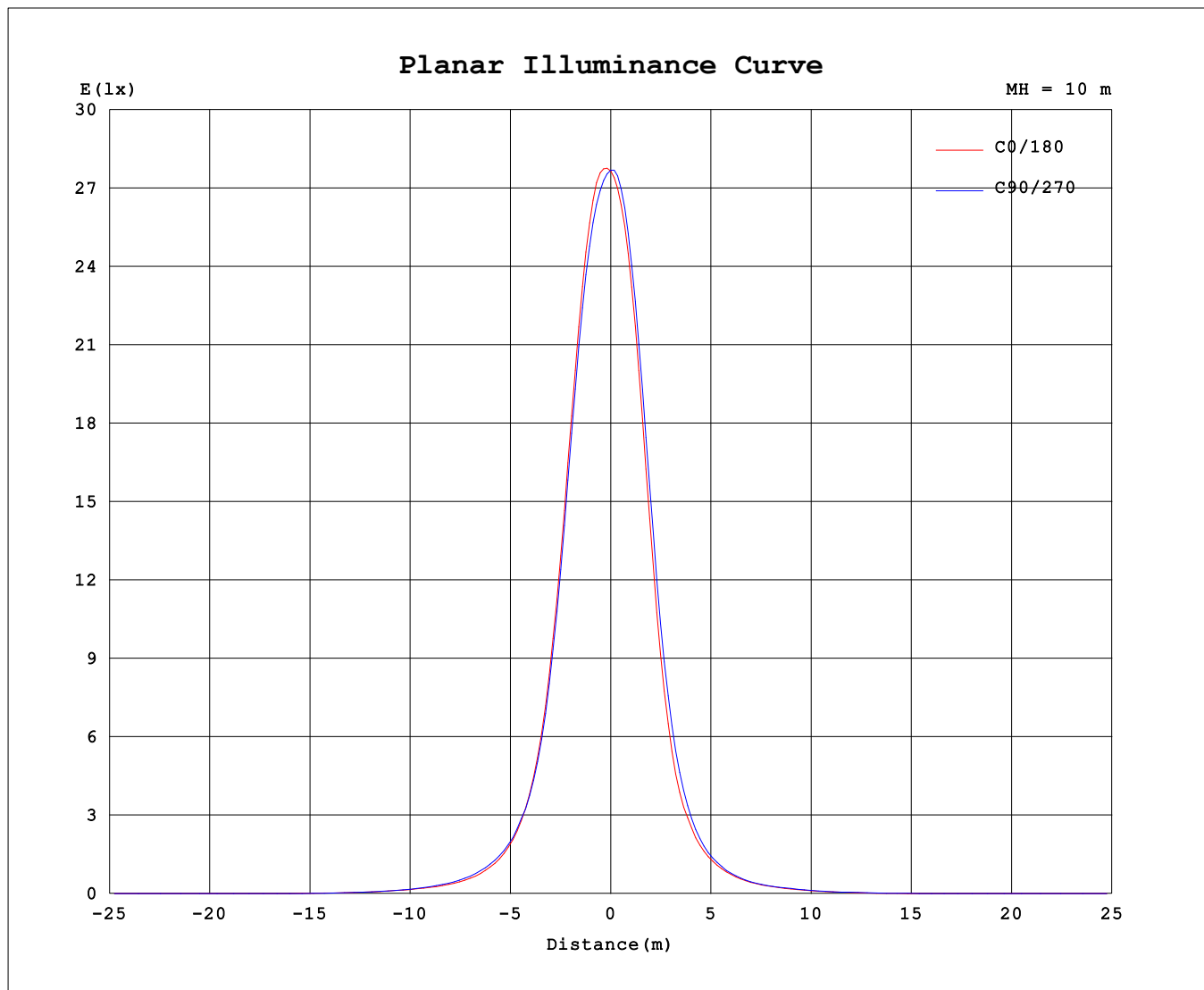
AvgL	cd/m2
L_0~180 (65) av	194
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	48
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	123
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 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: 01 August 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:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm																		
NAME:									TYPE: 2700K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.: D42mm					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	2766	2761	2761	2758	2759	2762	2766	2767	2767	2768	2767	2768	2767	2768	2768	2769	2768	2769	2766
5	2684	2687	2674	2673	2657	2641	2616	2608	2592	2598	2587	2590	2575	2581	2570	2583	2578	2591	2479
10	2098	2130	2126	2150	2133	2109	2053	2042	2007	2022	1997	2004	1974	1978	1945	1957	1934	1949	1702
15	1253	1291	1288	1320	1303	1283	1230	1222	1187	1199	1172	1175	1138	1136	1095	1096	1063	1069	860
20	630	649	651	670	661	656	633	630	607	609	587	580	555	546	514	510	494	495	400
25	324	337	330	343	335	349	341	346	329	337	315	303	285	277	260	258	256	262	218
30	180	182	183	185	187	200	202	199	193	198	187	174	161	155	149	146	150	153	129
35	108	108	109	110	113	124	126	122	120	123	116	104	95.1	91.9	87.8	87.5	88.8	92.3	79.2
40	68.7	68.4	68.6	69.5	72.3	78.8	79.7	76.9	75.8	78.1	73.3	66.5	60.9	59.0	57.0	56.9	57.2	58.9	51.9
45	46.3	46.8	46.6	48.2	48.8	51.0	50.3	48.7	47.9	49.0	46.5	43.3	40.4	39.5	38.3	38.2	38.0	38.5	32.1
50	26.9	27.4	27.5	28.2	28.7	29.5	28.7	27.9	27.4	27.9	26.7	25.4	23.9	23.7	23.0	22.8	22.4	22.5	18.0
55	12.6	13.5	13.7	14.1	13.8	13.1	11.5	11.0	10.1	10.3	9.63	9.68	8.96	9.33	8.81	8.95	8.42	8.39	6.02
60	4.00	4.44	4.52	4.60	4.44	4.20	3.70	3.39	3.16	3.19	3.11	3.20	3.26	3.46	3.29	3.29	3.10	3.11	1.89
65	0.23	0.32	0.31	0.35	0.27	0.18	0.11	0.05	0.05	0.01	0.05	0.00	0.05	0.00	0.05	0.00	0.05	0.00	0.00
70	0.02	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.00
75	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	0.00	0.00
80	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	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
95	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	0.00	0.00
100	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	0.00	0.00
105	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	0.01	0.00	0.01	0.00	0.00	0.00
110	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.03	0.00	0.04	0.02
115	0.01	0.07	0.01	0.06	0.01	0.07	0.02	0.07	0.02	0.07	0.03	0.08	0.03	0.10	0.04	0.10	0.04	0.10	0.06
120	0.08	0.13	0.08	0.13	0.07	0.14	0.09	0.15	0.09	0.16	0.10	0.17	0.12	0.18	0.14	0.19	0.13	0.18	0.13
125	0.20	0.25	0.19	0.24	0.18	0.25	0.20	0.27	0.23	0.29	0.24	0.30	0.26	0.33	0.27	0.34	0.29	0.33	0.26
130	0.39	0.44	0.39	0.43	0.38	0.45	0.43	0.49	0.47	0.52	0.49	0.54	0.52	0.57	0.53	0.59	0.55	0.59	0.49
135	0.79	0.81	0.76	0.79	0.77	0.83	0.84	0.91	0.91	0.95	0.92	0.97	0.95	1.00	0.98	1.02	1.00	1.03	0.89
140	1.43	1.42	1.38	1.40	1.40	1.47	1.51	1.57	1.60	1.62	1.61	1.64	1.63	1.66	1.66	1.69	1.69	1.73	1.53
145	2.26	2.24	2.21	2.22	2.24	2.32	2.36	2.43	2.46	2.49	2.47	2.48	2.48	2.50	2.50	2.52	2.54	2.58	2.36
150	3.22	3.17	3.10	3.12	3.17	3.27	3.25	3.33	3.35	3.41	3.39	3.37	3.36	3.41	3.39	3.41	3.43	3.49	3.25
155	3.99	3.96	3.88	3.94	3.91	4.01	3.98	4.07	4.09	4.13	4.09	4.09	4.05	4.13	4.09	4.14	4.14	4.22	3.99
160	4.39	4.42	4.34	4.38	4.33	4.42	4.40	4.47	4.44	4.50	4.44	4.48	4.44	4.49	4.45	4.54	4.51	4.60	4.35
165	4.48	4.45	4.45	4.42	4.43	4.41	4.46	4.42	4.48	4.42	4.49	4.43	4.49	4.45	4.50	4.51	4.57	4.55	4.30
170	4.31	4.26	4.30	4.22	4.27	4.19	4.21	4.12	4.16	4.10	4.18	4.14	4.24	4.23	4.32	4.27	4.35	4.28	4.07
175	3.96	3.90	3.96	3.88	3.94	3.86	3.90	3.81	3.85	3.80	3.88	3.83	3.91	3.90	3.98	3.92	3.95	3.86	3.78
180	3.78	3.77	3.76	3.76	3.81	3.80	3.76	3.73	3.74	3.74	3.73	3.72	3.74	3.74	3.74	3.69	3.66	3.64	3.78

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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:0.1082A P:14.055W PF:0.5643 Freq:50.00Hz Lamp Flux:768.795x1 lm																	
NAME:									TYPE: 2700K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D42mm						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	2761	2761	2758	2759	2762	2766	2767	2767	2768	2767	2768	2767	2768	2768	2769	2768	2769		
5	2460	2469	2459	2479	2499	2539	2546	2568	2555	2568	2558	2575	2567	2584	2573	2585	2571		
10	1664	1680	1662	1698	1734	1804	1816	1853	1829	1849	1831	1858	1842	1872	1857	1881	1859		
15	831	842	832	863	893	946	960	997	984	1006	1000	1028	1020	1049	1039	1059	1041		
20	380	394	387	406	417	440	450	475	476	496	502	524	524	540	536	543	526		
25	204	205	210	220	220	225	229	242	244	259	271	291	291	296	296	301	284		
30	120	120	123	129	127	128	129	135	138	147	160	174	175	173	176	179	168		
35	74.2	74.0	75.8	78.2	77.7	77.8	78.4	81.7	83.2	89.1	97.6	108	107	106	108	111	103		
40	49.5	49.6	50.3	51.5	51.4	51.9	52.3	54.1	55.2	58.6	63.3	68.9	68.9	68.3	68.9	70.8	66.1		
45	30.6	30.4	30.3	30.9	31.5	32.7	33.4	35.1	35.6	37.7	39.6	42.4	42.6	42.8	43.1	44.4	42.3		
50	16.9	16.8	16.4	17.0	17.7	18.9	19.6	20.6	20.8	21.8	22.6	23.7	23.7	24.0	24.0	24.7	23.8		
55	5.66	5.66	5.56	5.81	6.19	6.74	7.24	7.69	7.58	7.74	7.63	7.64	7.42	7.73	7.65	8.16	8.10		
60	1.60	1.48	1.38	1.52	1.84	2.28	2.51	2.72	2.62	2.73	2.67	2.76	2.56	2.59	2.58	2.73	2.82		
65	0.04	0.00	0.04	0.00	0.04	0.00	0.05	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.04		
70	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00		
75	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		
80	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		
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
95	0.00	0.00	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		
100	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		
105	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		
110	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00		
115	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.06	0.01	0.04	0.00	0.04	0.00	0.04	0.00		
120	0.08	0.14	0.09	0.15	0.09	0.16	0.09	0.15	0.07	0.13	0.07	0.11	0.04	0.10	0.04	0.10	0.03		
125	0.22	0.27	0.22	0.27	0.21	0.26	0.22	0.26	0.20	0.25	0.17	0.21	0.16	0.20	0.13	0.20	0.13		
130	0.45	0.49	0.45	0.50	0.44	0.49	0.43	0.46	0.40	0.43	0.37	0.41	0.34	0.38	0.31	0.37	0.30		
135	0.86	0.91	0.87	0.90	0.83	0.85	0.79	0.83	0.78	0.79	0.73	0.75	0.69	0.71	0.66	0.68	0.63		
140	1.53	1.55	1.52	1.53	1.46	1.43	1.37	1.38	1.36	1.36	1.32	1.33	1.29	1.28	1.23	1.23	1.19		
145	2.35	2.36	2.35	2.33	2.25	2.20	2.14	2.14	2.13	2.13	2.09	2.10	2.06	2.05	2.00	1.99	1.95		
150	3.23	3.24	3.20	3.21	3.12	3.04	2.99	3.00	2.99	2.98	2.95	2.96	2.92	2.93	2.88	2.85	2.83		
155	3.94	3.96	3.91	3.91	3.80	3.79	3.73	3.75	3.70	3.74	3.66	3.70	3.65	3.67	3.62	3.61	3.60		
160	4.29	4.32	4.24	4.26	4.19	4.22	4.13	4.18	4.11	4.15	4.09	4.12	4.04	4.08	4.02	4.08	4.02		
165	4.33	4.26	4.28	4.22	4.24	4.19	4.21	4.16	4.17	4.11	4.14	4.09	4.11	4.07	4.09	4.07	4.10		
170	4.10	4.03	4.07	3.99	4.03	3.92	3.97	3.89	3.93	3.85	3.90	3.85	3.92	3.85	3.90	3.86	3.96		
175	3.82	3.78	3.84	3.77	3.78	3.73	3.75	3.71	3.69	3.66	3.69	3.69	3.68	3.66	3.66	3.62	3.67		
180	3.76	3.76	3.78	3.77	3.77	3.75	3.72	3.72	3.69	3.70	3.67	3.69	3.72	3.72	3.64	3.65	3.62		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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: