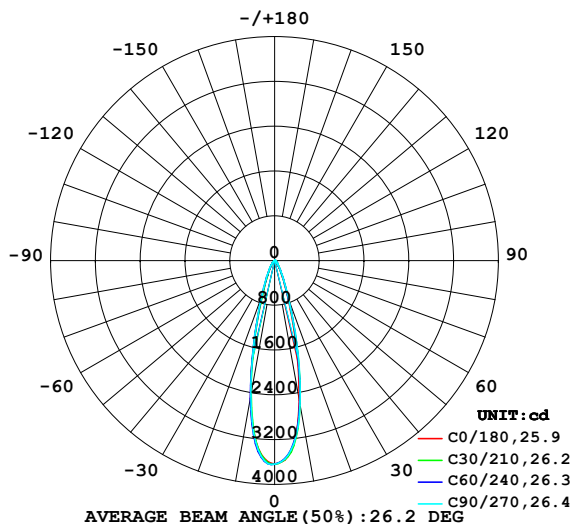


LUMINAIRE PHOTOMETRIC TEST REPORT

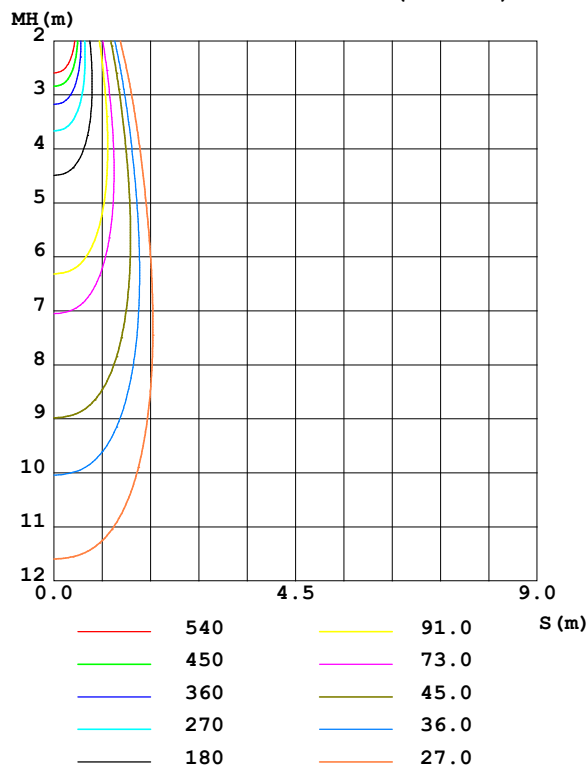
Test:U:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 75.07 lm/W
MODEL	P101014	I _{max} (cd)	3648	S/MH (C0/180)	0.43	
NOMINAL POWER (W)	15W	LOR (%)	100.0	S/MH (C90/270)	0.43	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1014.7	η UP,DN (C0-180)	0.4,52.4	
NOMINAL FLUX (lm)	1014.72	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.4,46.9	
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	230	η down (%)	99.2	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 °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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2535	2630	2623	2695	2479	2454	2458	2350	0- 10	296.3	296.3	29.2,29.2
20	692.1	744.4	761.0	793.9	636.9	643.2	677.6	624.1	10- 20	394.2	690.5	68.1,68.1
30	209.2	223.1	230.1	243.3	193.3	197.7	212.4	192.6	20- 30	177.2	867.8	85.5,85.5
40	82.33	88.28	89.78	93.97	76.23	78.51	84.75	77.81	30- 40	84.03	951.8	93.8,93.8
50	31.12	33.92	33.73	35.71	28.43	27.11	30.32	27.99	40- 50	42.11	993.9	97.9,97.9
60	4.413	5.094	4.230	4.859	3.474	2.848	3.579	3.146	50- 60	12.34	1006	99.2,99.2
70	0.0395	0.0169	0	0.0225	0	0.0197	0.0337	0.0142	60- 70	0.7597	1007	99.2,99.2
80	0	0	0	0	0	0	0	0	70- 80	0.0044	1007	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	0	1007	99.2,99.2
100	0	0	0	0	0	0	0	0	90-100	0	1007	99.2,99.2
110	0.0112	0.0282	0.0619	0.0364	0.0337	0.0169	0	0.0197	100-110	0.0079	1007	99.2,99.2
120	0.1844	0.1994	0.2472	0.2077	0.1687	0.1514	0.1287	0.1630	110-120	0.0886	1007	99.2,99.2
130	0.6894	0.6850	0.7536	0.6909	0.5563	0.5586	0.5501	0.5814	120-130	0.3252	1007	99.3,99.3
140	2.196	2.147	2.208	2.119	1.761	1.803	1.805	1.844	130-140	0.9203	1008	99.4,99.4
150	4.585	4.532	4.558	4.455	3.950	3.993	3.991	4.025	140-150	1.906	1010	99.6,99.6
160	5.917	5.879	5.957	5.932	5.588	5.528	5.479	5.443	150-160	2.348	1013	99.8,99.8
170	5.604	5.542	5.468	5.718	5.412	5.364	5.223	5.176	160-170	1.616	1014	100,100
180	4.941	5.036	4.986	5.017	4.946	5.008	4.946	4.994	170-180	0.4964	1015	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

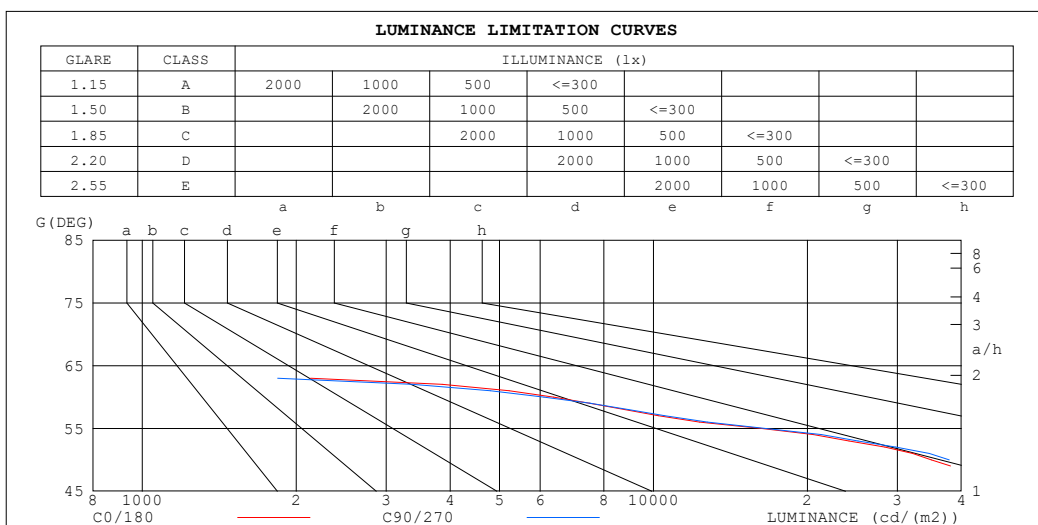
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz

Lamp Flux:1014.72x1 lm

NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:



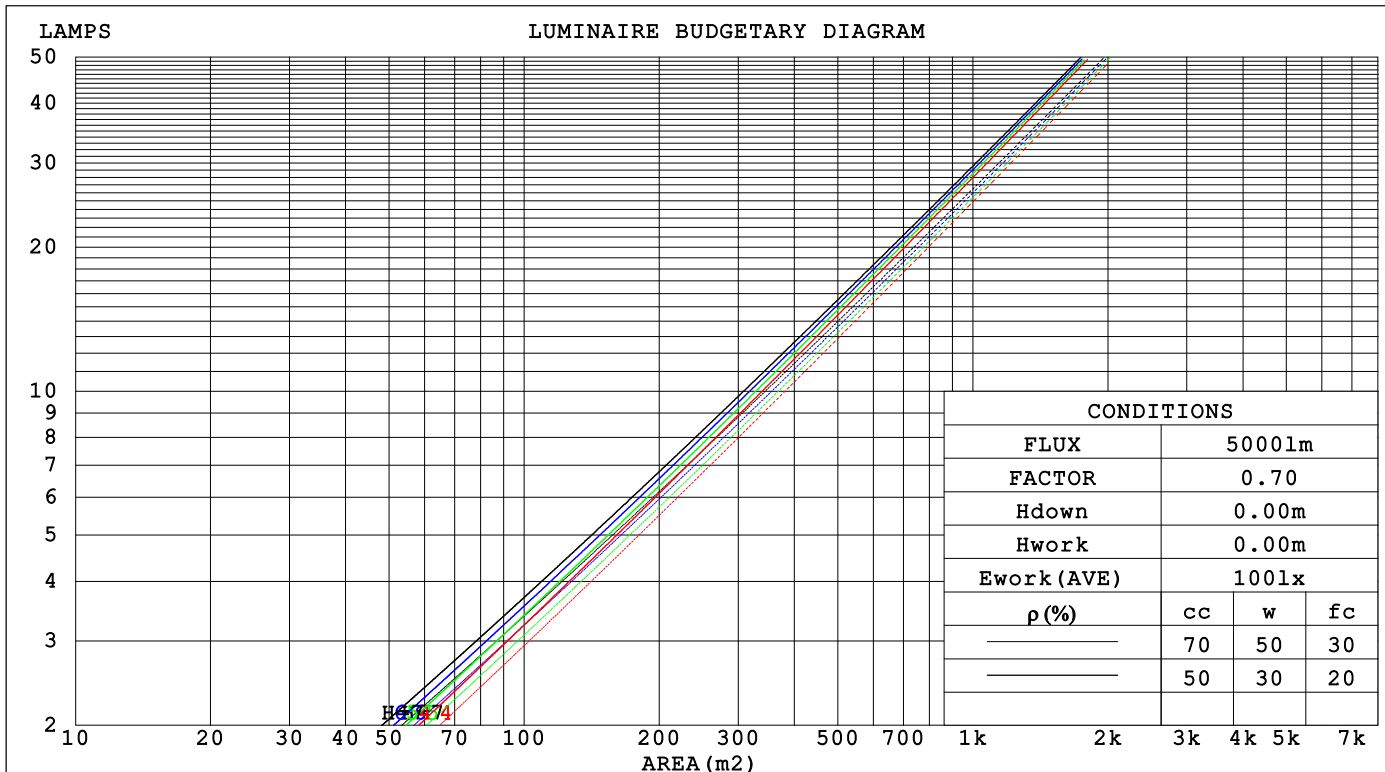
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 01 August 2025

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	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															



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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm					
NAME:		TYPE: 4000K		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	.069	.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	.048	.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	.132	.102	.096	.091	.059	.056	.053	.019	.018	.017		
2.0	.158	.139	.122	.135	.119	.106	.093	.082	.074	.053	.048	.043	.017	.016	.014		
3.0	.144	.119	.100	.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	.014	.011	.008		
6.0	.114	.082	.060	.098	.071	.052	.068	.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	.040	.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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm										
NAME:					TYPE: 4000K			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	18.8	19.6	19.0	19.7	19.9	19.0	19.7	19.2	19.9	20.1
3H	18.7	19.3	18.9	19.5	19.8	18.8	19.5	19.1	19.7	19.9
4H	18.6	19.2	18.8	19.4	19.7	18.8	19.4	19.0	19.6	19.9
6H	18.5	19.1	18.8	19.3	19.6	18.7	19.3	19.0	19.5	19.8
8H	18.4	19.0	18.8	19.3	19.6	18.6	19.2	18.9	19.5	19.7
12H	18.4	19.0	18.7	19.2	19.5	18.6	19.1	18.9	19.4	19.7
4H 2H	18.6	19.3	18.9	19.5	19.7	18.8	19.4	19.1	19.7	19.9
3H	18.4	19.0	18.8	19.3	19.6	18.6	19.2	18.9	19.5	19.7
4H	18.3	18.9	18.7	19.2	19.5	18.5	19.0	18.9	19.3	19.7
6H	18.2	18.7	18.6	19.0	19.4	18.4	18.9	18.8	19.2	19.6
8H	18.2	18.6	18.6	19.0	19.3	18.4	18.8	18.8	19.1	19.5
12H	18.1	18.5	18.5	18.9	19.3	18.3	18.7	18.7	19.1	19.5
8H 4H	18.2	18.6	18.6	19.0	19.3	18.4	18.8	18.8	19.1	19.5
6H	18.1	18.4	18.5	18.8	19.3	18.2	18.6	18.7	19.0	19.4
8H	18.0	18.3	18.5	18.8	19.2	18.2	18.5	18.6	18.9	19.4
12H	17.9	18.2	18.4	18.7	19.2	18.1	18.4	18.6	18.8	19.3
12H 4H	18.1	18.5	18.5	18.9	19.3	18.3	18.7	18.7	19.1	19.5
6H	18.0	18.3	18.5	18.8	19.2	18.2	18.5	18.6	18.9	19.4
8H	17.9	18.2	18.4	18.7	19.2	18.1	18.4	18.6	18.8	19.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 8.9					+ 2.5 / - 9.2				
1.5H	+ 2.8 / - 5.5					+ 3.1 / - 6.4				
2.0H	+ 5.0 / -18.4					+ 5.4 / -20.9				

CIE Pub.117, 1015 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.1)
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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

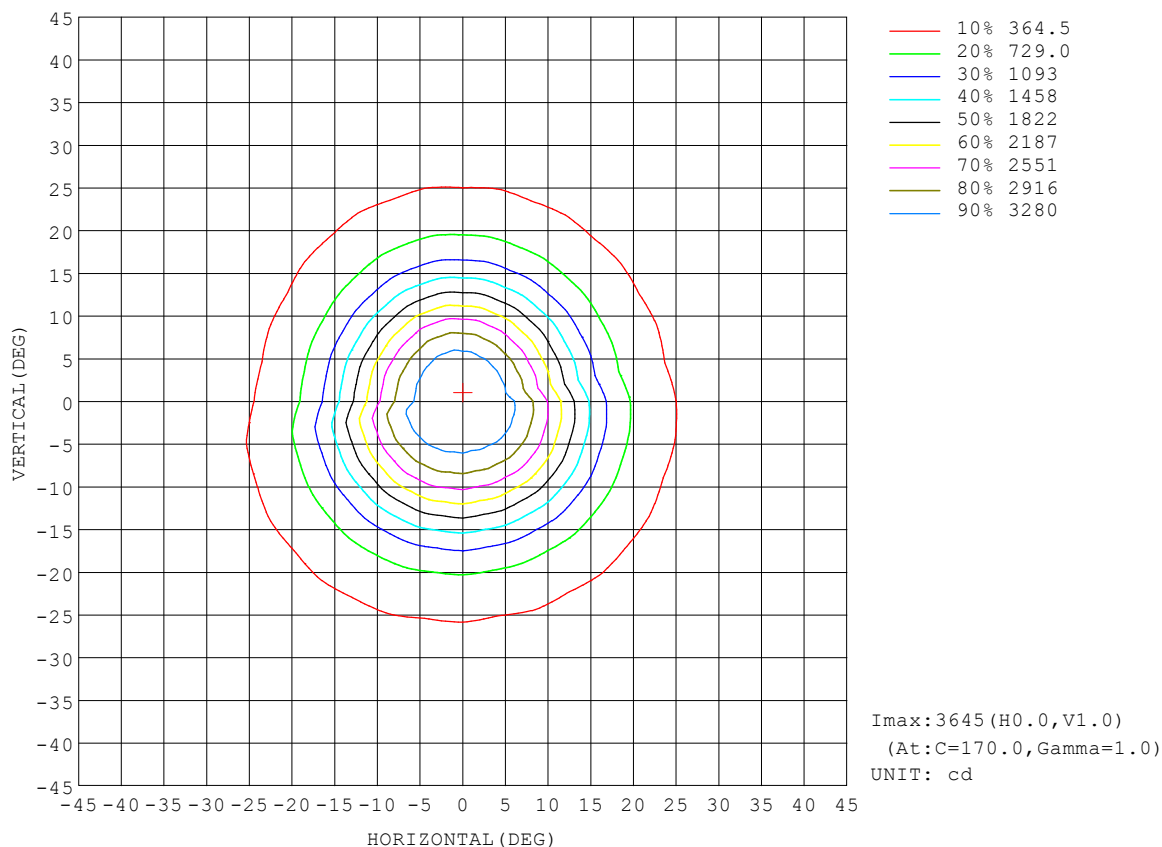
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	86	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	101	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	108	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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

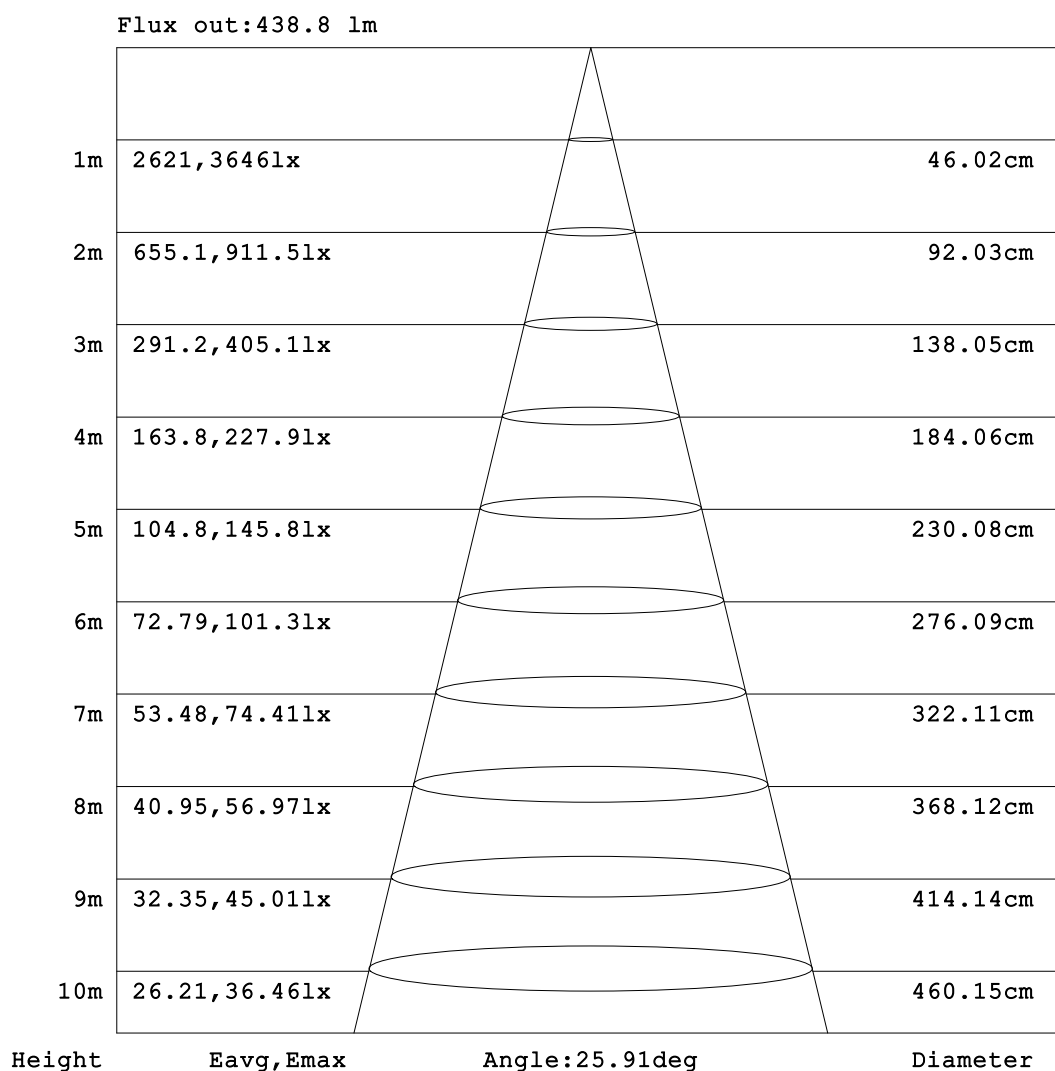


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:



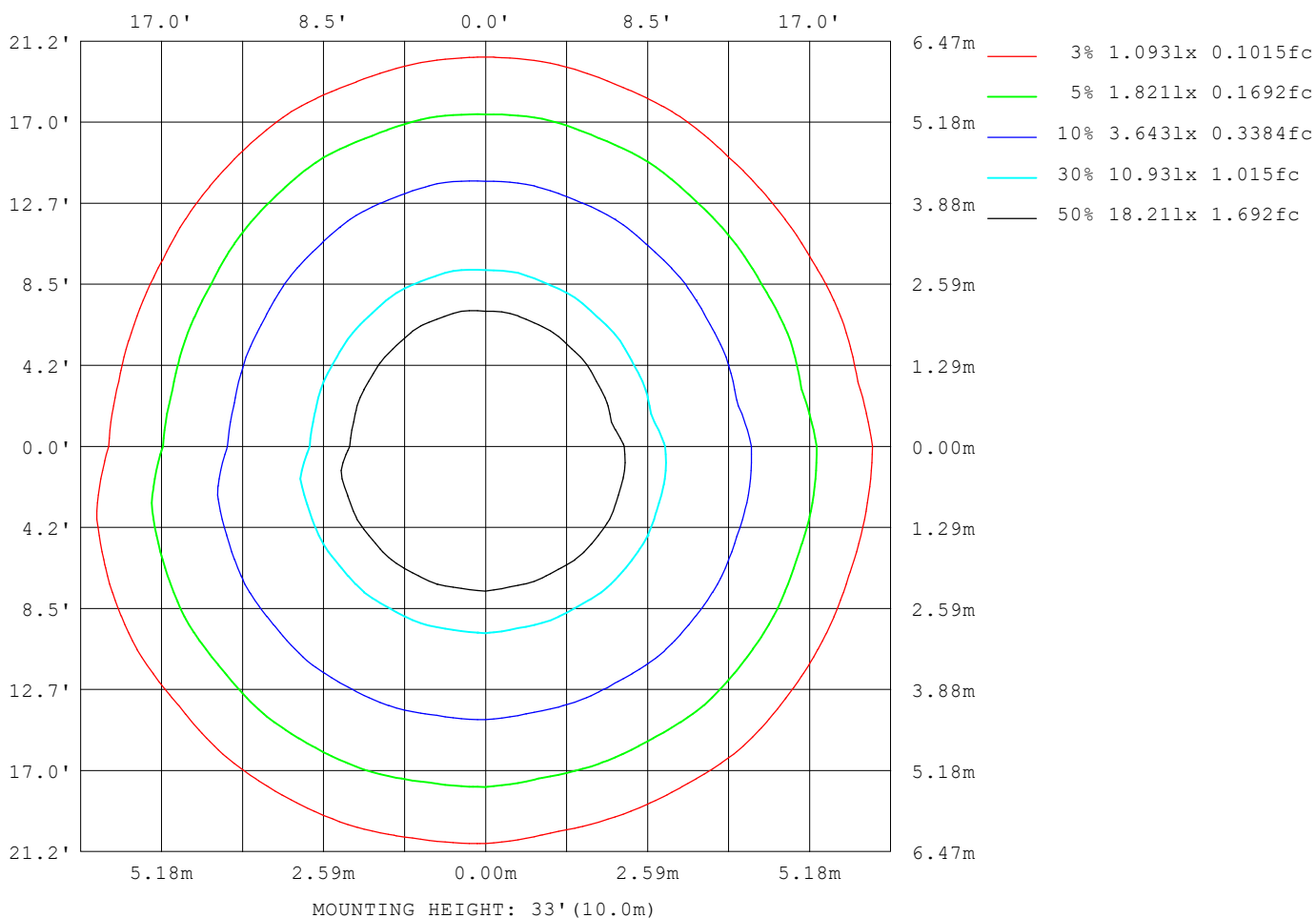
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

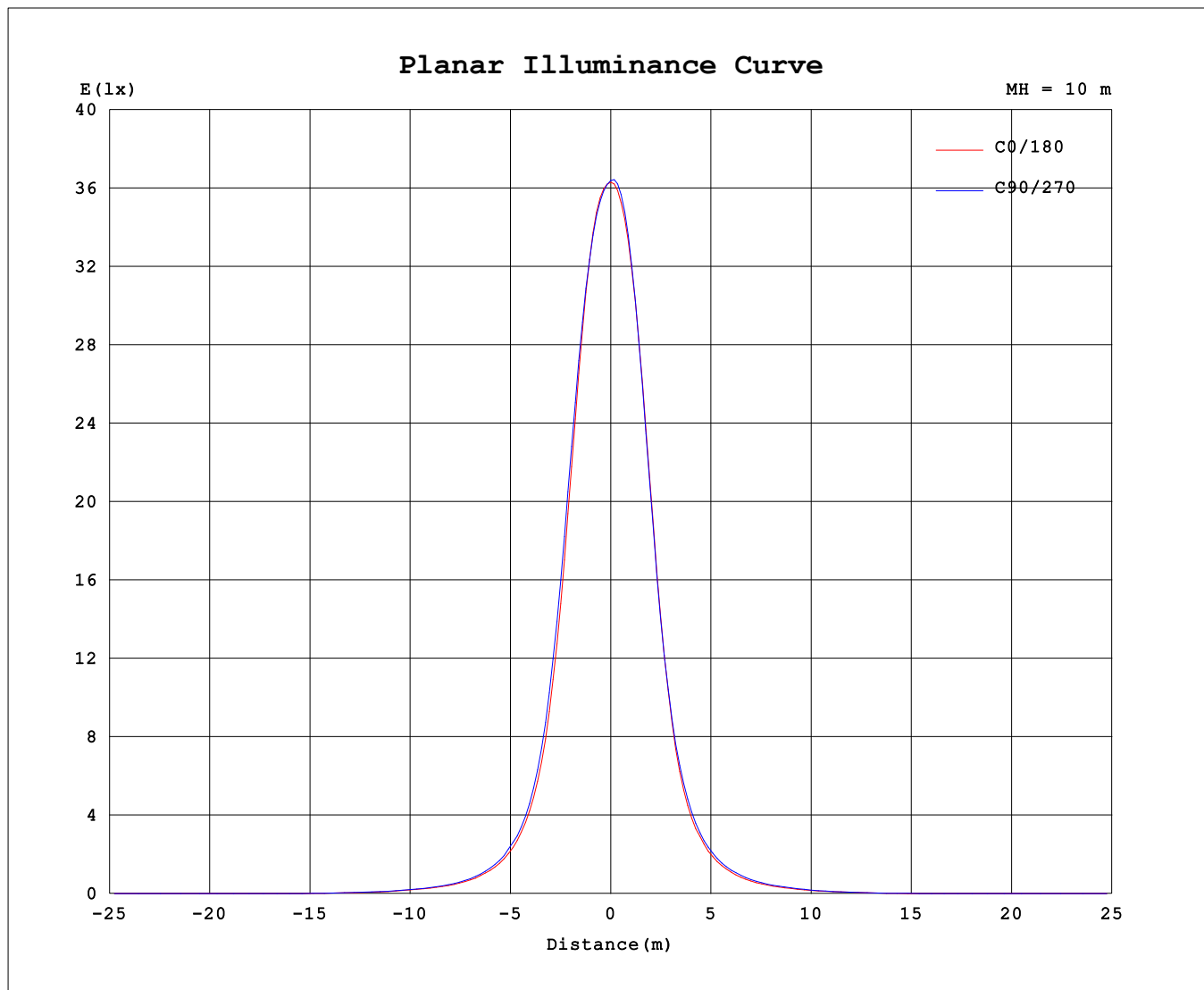
AvgL	cd/m2
L_0~180 (65) av	89
L_0~180 (75) av	8
L_0~180 (85) av	0
L_90~270 (65) av	115
L_90~270 (75) av	8
L_90~270 (85) av	0
L_45 (65) av	124
L_45 (75) av	2
L_45 (85) av	0

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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm		
NAME:	TYPE: 4000K	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	3630	3634	3636	3637	3638	3640	3638	3640	3637	3639	3634	3636	3636	3638	3639	3640	3641	3640	3630
5	3411	3429	3421	3431	3418	3417	3389	3395	3378	3398	3391	3417	3419	3444	3445	3466	3464	3483	3370
10	2535	2585	2586	2631	2624	2636	2590	2608	2580	2623	2607	2661	2659	2703	2687	2720	2697	2726	2479
15	1415	1465	1470	1520	1522	1541	1504	1523	1500	1543	1527	1575	1565	1601	1576	1598	1565	1582	1350
20	692	712	712	738	738	751	732	745	735	761	756	785	784	803	785	789	763	760	637
25	365	376	367	386	383	391	382	396	383	398	398	415	417	425	415	417	402	394	341
30	209	210	208	216	220	227	221	222	220	230	231	241	243	246	240	243	235	227	193
35	128	127	127	131	135	139	137	135	134	140	142	147	149	150	146	148	144	138	118
40	82.3	82.2	82.0	84.5	86.9	89.6	87.8	86.4	86.1	89.8	90.4	93.6	95.0	95.2	92.8	94.2	91.7	87.8	76.2
45	54.1	54.7	54.6	56.2	57.2	58.5	57.0	56.3	56.0	58.0	58.3	60.3	61.0	61.6	60.4	61.0	59.6	57.5	48.9
50	31.1	32.1	32.3	33.3	33.6	34.2	33.2	32.9	32.7	33.7	33.8	35.0	35.3	36.0	35.4	35.8	34.8	33.7	28.4
55	12.9	14.2	14.5	15.3	15.1	15.1	13.6	13.6	12.6	13.2	12.6	13.2	12.8	13.7	13.2	13.8	13.1	13.2	9.46
60	4.41	4.95	4.99	5.20	5.10	5.09	4.58	4.39	4.07	4.23	4.11	4.38	4.48	4.91	4.81	4.87	4.71	4.76	3.47
65	0.10	0.12	0.13	0.15	0.15	0.13	0.09	0.08	0.08	0.06	0.09	0.04	0.08	0.03	0.09	0.02	0.09	0.02	0.01
70	0.04	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.05	0.00	0.00
75	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	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	0.01	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.02	0.00
110	0.01	0.06	0.00	0.06	0.00	0.06	0.01	0.07	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.00	0.06	0.03
115	0.07	0.12	0.07	0.13	0.08	0.12	0.08	0.13	0.08	0.13	0.08	0.12	0.08	0.13	0.07	0.12	0.08	0.13	0.08
120	0.18	0.23	0.17	0.23	0.17	0.23	0.20	0.25	0.20	0.25	0.20	0.25	0.18	0.24	0.17	0.24	0.17	0.23	0.17
125	0.36	0.40	0.35	0.40	0.34	0.40	0.38	0.43	0.40	0.44	0.39	0.44	0.37	0.41	0.36	0.41	0.35	0.40	0.31
130	0.69	0.72	0.66	0.70	0.66	0.71	0.70	0.75	0.72	0.75	0.72	0.74	0.69	0.71	0.67	0.70	0.65	0.70	0.56
135	1.29	1.30	1.25	1.26	1.24	1.27	1.29	1.32	1.32	1.33	1.30	1.30	1.26	1.27	1.23	1.23	1.20	1.23	1.01
140	2.20	2.16	2.15	2.15	2.14	2.15	2.19	2.20	2.23	2.21	2.21	2.17	2.15	2.13	2.11	2.09	2.08	2.08	1.76
145	3.34	3.31	3.29	3.27	3.30	3.31	3.33	3.34	3.38	3.35	3.34	3.30	3.28	3.25	3.24	3.21	3.22	3.21	2.79
150	4.59	4.52	4.46	4.45	4.52	4.54	4.48	4.50	4.52	4.56	4.54	4.47	4.46	4.47	4.44	4.41	4.40	4.42	3.95
155	5.52	5.49	5.40	5.45	5.42	5.46	5.40	5.43	5.46	5.49	5.47	5.43	5.39	5.44	5.39	5.40	5.38	5.41	4.98
160	5.92	5.96	5.88	5.91	5.85	5.91	5.88	5.93	5.91	5.96	5.92	5.97	5.91	5.96	5.91	5.97	5.95	6.01	5.59
165	5.95	5.89	5.93	5.87	5.91	5.84	5.91	5.86	5.92	5.89	5.97	5.93	5.99	5.96	6.00	6.02	6.05	6.04	5.65
170	5.60	5.56	5.58	5.51	5.58	5.51	5.54	5.45	5.51	5.47	5.57	5.55	5.67	5.68	5.76	5.74	5.81	5.75	5.41
175	5.13	5.08	5.14	5.09	5.16	5.10	5.15	5.07	5.11	5.08	5.18	5.15	5.26	5.24	5.34	5.28	5.31	5.21	5.02
180	4.94	4.94	4.94	4.94	5.04	5.04	5.00	4.97	4.99	4.99	5.00	4.98	5.01	5.01	5.02	4.95	4.91	4.89	4.95

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:230.21V I:0.1049A P:13.518W PF:0.5600 Freq:50.00Hz Lamp Flux:1014.72x1 lm																	
NAME:									TYPE: 4000K						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	3634	3636	3637	3638	3640	3638	3640	3637	3639	3634	3636	3636	3638	3639	3640	3641	3640		
5	3360	3377	3369	3388	3389	3420	3409	3425	3398	3399	3364	3366	3335	3339	3310	3319	3299		
10	2443	2462	2429	2457	2452	2506	2485	2510	2458	2465	2404	2401	2346	2354	2307	2326	2296		
15	1315	1327	1304	1331	1327	1378	1361	1389	1348	1355	1306	1306	1262	1268	1231	1245	1222		
20	614	621	616	638	648	679	680	697	678	679	652	650	624	624	606	613	602		
25	320	328	322	343	345	368	361	377	364	371	352	355	335	338	325	338	327		
30	184	185	185	194	201	211	208	214	212	213	204	203	194	191	189	195	192		
35	112	112	113	118	124	129	127	131	131	131	126	125	119	117	117	121	119		
40	73.3	73.4	74.0	77.0	80.0	83.1	82.6	84.5	84.7	84.8	82.2	81.4	78.4	77.2	76.9	78.8	77.6		
45	46.6	46.6	46.2	47.7	49.0	51.6	51.6	53.4	53.1	53.5	51.5	51.2	49.4	49.4	48.9	50.3	49.7		
50	26.9	26.8	26.1	26.9	27.4	29.0	29.4	30.6	30.3	30.6	29.5	29.1	28.0	28.0	27.6	28.2	27.8		
55	8.92	8.91	8.66	8.92	9.06	9.64	10.0	10.6	10.3	10.4	9.97	9.68	9.20	9.29	9.00	9.29	9.23		
60	2.99	2.90	2.66	2.83	2.87	3.39	3.52	3.70	3.58	3.66	3.52	3.55	3.13	3.16	2.98	3.19	3.19		
65	0.07	0.01	0.07	0.01	0.08	0.01	0.08	0.01	0.08	0.01	0.07	0.01	0.07	0.01	0.07	0.00	0.06		
70	0.03	0.00	0.03	0.00	0.04	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.02		
75	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	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	0.01	0.00	0.02	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	0.03	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.04	0.00		
115	0.03	0.09	0.04	0.10	0.04	0.10	0.04	0.09	0.04	0.10	0.04	0.10	0.04	0.10	0.03	0.09	0.03		
120	0.12	0.17	0.12	0.18	0.12	0.19	0.13	0.19	0.13	0.19	0.13	0.20	0.13	0.19	0.13	0.17	0.12		
125	0.26	0.32	0.27	0.33	0.27	0.32	0.27	0.34	0.28	0.34	0.29	0.35	0.29	0.34	0.28	0.32	0.26		
130	0.52	0.57	0.53	0.58	0.54	0.59	0.55	0.59	0.55	0.59	0.55	0.61	0.56	0.60	0.55	0.59	0.53		
135	0.99	1.03	1.01	1.05	1.01	1.04	1.00	1.06	1.05	1.08	1.05	1.08	1.05	1.08	1.04	1.06	1.01		
140	1.76	1.79	1.79	1.81	1.79	1.79	1.77	1.79	1.81	1.83	1.82	1.84	1.85	1.84	1.84	1.84	1.82		
145	2.80	2.81	2.83	2.85	2.84	2.80	2.81	2.80	2.83	2.84	2.87	2.87	2.88	2.89	2.88	2.88	2.87		
150	3.95	3.96	3.96	4.00	3.99	3.92	3.92	3.96	3.99	3.97	3.98	4.00	4.02	4.03	4.03	4.01	4.03		
155	4.94	4.96	4.96	4.97	4.93	4.93	4.90	4.94	4.93	4.96	4.93	4.94	4.95	4.97	4.96	4.97	4.98		
160	5.54	5.58	5.51	5.56	5.50	5.54	5.49	5.53	5.48	5.53	5.47	5.50	5.42	5.47	5.42	5.50	5.46		
165	5.66	5.62	5.63	5.59	5.60	5.57	5.60	5.55	5.56	5.51	5.55	5.48	5.50	5.43	5.49	5.45	5.52		
170	5.47	5.39	5.44	5.35	5.37	5.26	5.29	5.20	5.22	5.18	5.22	5.16	5.22	5.14	5.18	5.15	5.24		
175	5.09	5.05	5.13	5.04	5.06	4.97	4.99	4.94	4.94	4.91	4.95	4.94	4.94	4.88	4.87	4.83	4.88		
180	4.95	4.94	4.99	5.00	5.02	4.99	4.96	4.96	4.95	4.95	4.94	4.97	4.99	5.00	4.90	4.90	4.85		

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: