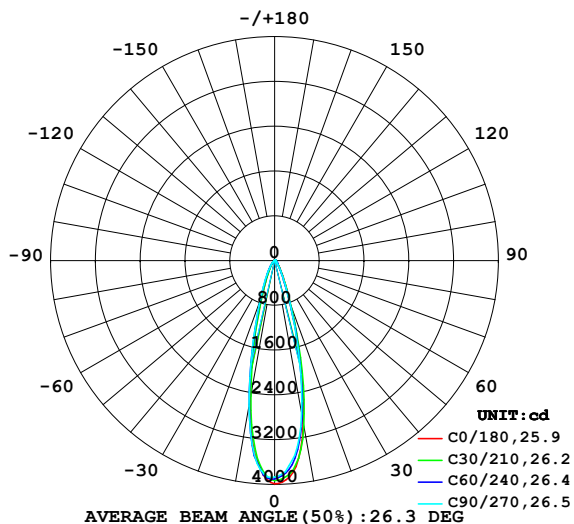


LUMINAIRE PHOTOMETRIC TEST REPORT

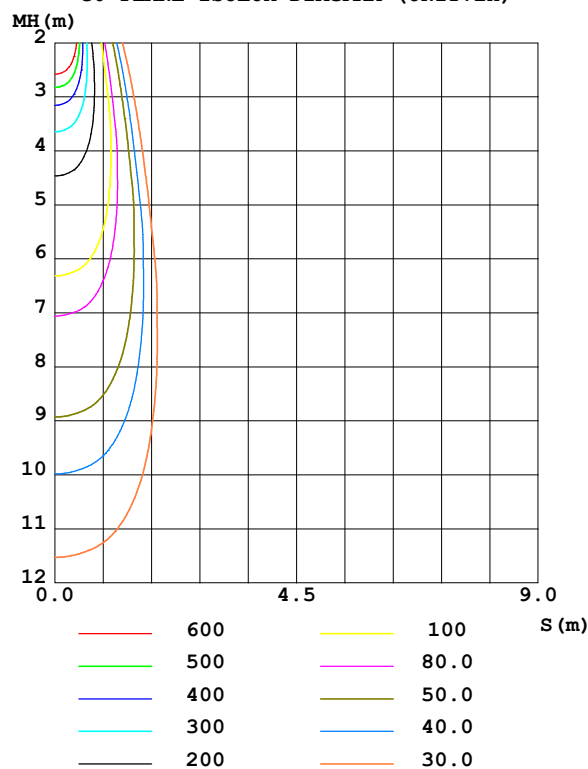
Test:U:230.19V I:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 77.29 lm/W
MODEL	P101014	I _{max} (cd)	3984	S/MH (C0/180)	0.41	
NOMINAL POWER (W)	15W	LOR (%)	100.0	S/MH (C90/270)	0.44	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1092.5	η UP,DN (C0-180)	0.4,53.1	
NOMINAL FLUX (lm)	1092.51	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.4,46.2	
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:

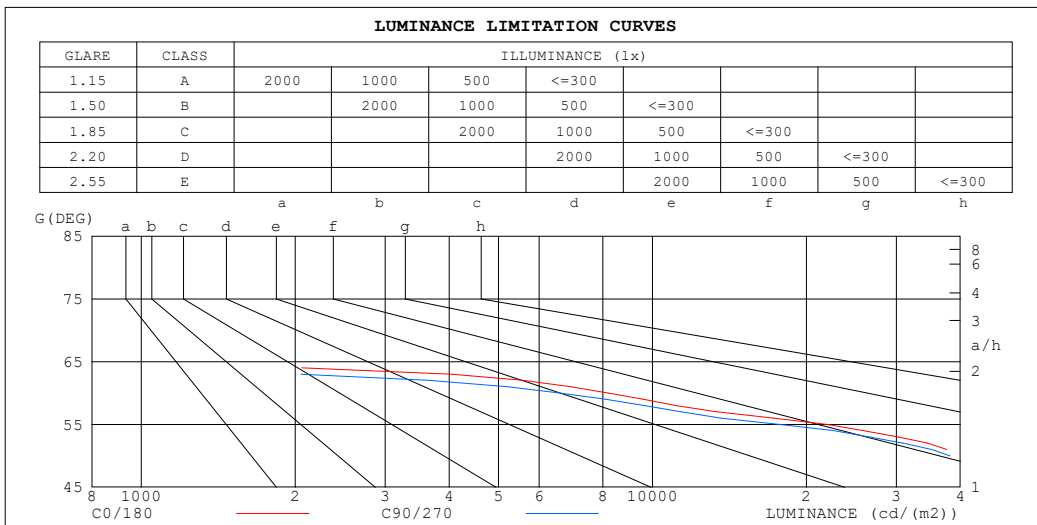
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2950	2968	2785	2844	2555	2492	2640	2523	0- 10	316.9	316.9	29,29
20	815.1	855.1	789.9	867.4	658.6	665.9	760.0	644.1	10- 20	425.1	742.0	67.9,67.9
30	246.2	247.8	224.1	282.2	202.0	210.8	251.6	186.4	20- 30	191.5	933.5	85.4,85.4
40	95.55	96.09	86.30	110.1	81.10	85.00	99.90	75.66	30- 40	90.97	1024	93.8,93.8
50	36.47	37.92	34.03	40.26	28.02	26.35	34.35	28.63	40- 50	45.57	1070	97.9,97.9
60	5.683	6.391	4.576	4.912	2.828	2.231	3.797	3.592	50- 60	13.31	1083	99.2,99.2
70	0.0507	0.0225	0	0.0197	0	0.0141	0.0449	0.0197	60- 70	0.8584	1084	99.2,99.2
80	0	0	0	0	0	0	0	0	70- 80	0.0061	1084	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	0	1084	99.2,99.2
100	0	0	0	0	0	0	0	0	90-100	0	1084	99.2,99.2
110	0.0112	0.0367	0.0844	0.0364	0.0507	0.0254	0	0.0253	100-110	0.0103	1084	99.2,99.2
120	0.2019	0.2221	0.2928	0.2162	0.2082	0.1743	0.1459	0.1936	110-120	0.1016	1084	99.2,99.2
130	0.7464	0.7346	0.8452	0.7268	0.6421	0.6126	0.5834	0.6482	120-130	0.3576	1085	99.3,99.3
140	2.339	2.243	2.403	2.269	2.018	2.027	1.921	1.967	130-140	0.9962	1086	99.4,99.4
150	4.963	4.801	4.897	4.761	4.448	4.406	4.275	4.260	140-150	2.053	1088	99.6,99.6
160	6.540	6.364	6.400	6.347	6.171	5.985	5.894	5.802	150-160	2.528	1090	99.8,99.8
170	6.255	6.061	5.889	6.103	5.923	5.733	5.616	5.553	160-170	1.742	1092	100,100
180	5.457	5.460	5.373	5.359	5.469	5.418	5.317	5.337	170-180	0.5354	1093	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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	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	63	0
70	107	0
65	641	140
60	8208	6609
55	21992	17770
50	40975	38232
45	65502	58536

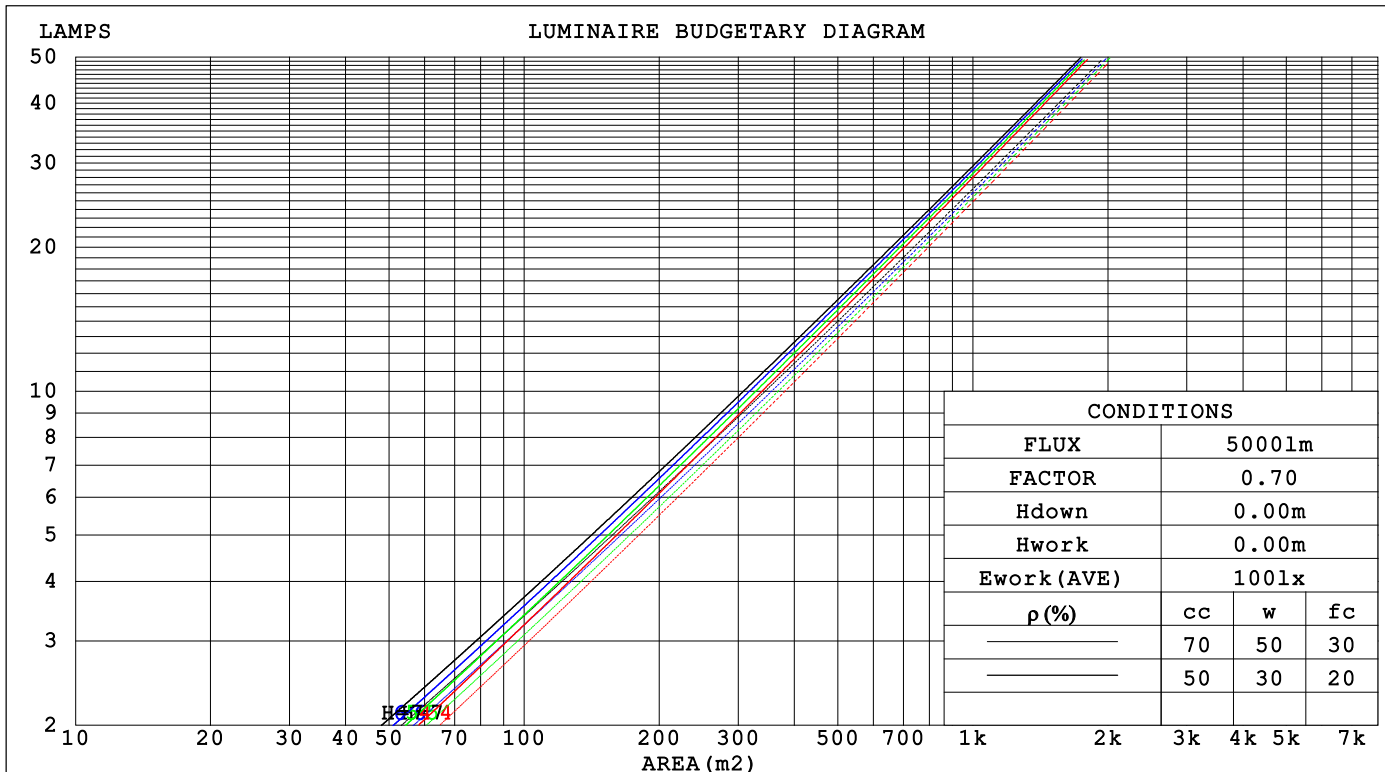
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	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:230.19V I:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm					
NAME:		TYPE: 6500K		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	.119	.068	.022	.108	.062	.020	
2.0	.141	.077	.024	.136	.075	.023	.125	.069	.022	.115	.064	.020	.106	.060	.019	
3.0	.133	.071	.021	.128	.069	.021	.119	.065	.020	.111	.061	.019	.103	.057	.018	
4.0	.125	.065	.019	.121	.064	.019	.114	.060	.018	.106	.057	.017	.100	.054	.017	
5.0	.119	.060	.018	.115	.059	.017	.108	.056	.017	.102	.054	.016	.096	.052	.015	
6.0	.113	.056	.016	.110	.055	.016	.104	.053	.015	.098	.051	.015	.093	.049	.015	
7.0	.107	.053	.015	.104	.052	.015	.099	.050	.014	.095	.048	.014	.090	.047	.014	
8.0	.102	.050	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013	.087	.045	.013	
9.0	.098	.047	.013	.096	.047	.013	.091	.045	.013	.088	.044	.013	.084	.043	.012	
10.0	.093	.045	.012	.092	.044	.012	.088	.043	.012	.085	.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	.083	.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	.114	.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	.065	.045	.063	.045	.032	.037	.027	.019	.012	.009	.006		
8.0	.101	.068	.045	.087	.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:230.19V I:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm											
NAME:					TYPE: 6500K			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	2H	19.3	20.1	19.6	20.2	20.4	18.5	19.3	18.8	19.4	19.6
	3H	19.2	19.9	19.4	20.1	20.3	18.4	19.1	18.6	19.3	19.5
	4H	19.1	19.7	19.4	20.0	20.2	18.3	18.9	18.6	19.2	19.4
	6H	19.0	19.6	19.3	19.9	20.1	18.2	18.8	18.5	19.1	19.3
	8H	19.0	19.6	19.3	19.8	20.1	18.2	18.8	18.5	19.0	19.3
	12H	18.9	19.5	19.2	19.8	20.0	18.1	18.7	18.4	19.0	19.2
4H	2H	19.1	19.8	19.4	20.0	20.2	18.4	19.0	18.6	19.2	19.5
	3H	19.0	19.5	19.3	19.8	20.1	18.2	18.8	18.5	19.0	19.3
	4H	18.9	19.4	19.2	19.7	20.0	18.1	18.6	18.4	18.9	19.2
	6H	18.8	19.2	19.1	19.6	19.9	18.0	18.4	18.4	18.8	19.1
	8H	18.7	19.1	19.1	19.5	19.9	17.9	18.4	18.3	18.7	19.1
	12H	18.7	19.0	19.1	19.4	19.8	17.9	18.3	18.3	18.6	19.0
8H	4H	18.7	19.1	19.1	19.5	19.9	17.9	18.4	18.3	18.7	19.1
	6H	18.6	18.9	19.0	19.4	19.8	17.8	18.2	18.3	18.6	19.0
	8H	18.5	18.8	19.0	19.3	19.7	17.8	18.1	18.2	18.5	18.9
	12H	18.5	18.7	19.0	19.2	19.7	17.7	18.0	18.2	18.4	18.9
12H	4H	18.7	19.0	19.1	19.4	19.8	17.9	18.3	18.3	18.6	19.0
	6H	18.5	18.8	19.0	19.3	19.7	17.8	18.1	18.2	18.5	18.9
	8H	18.5	18.7	19.0	19.2	19.7	17.7	18.0	18.2	18.4	18.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 2.4 / - 8.0					+ 2.4 / - 8.3				
1.5H		+ 2.8 / - 4.1					+ 2.8 / - 5.0				
2.0H		+ 4.9 / -12.9					+ 5.1 / -16.9				

CIE Pub.117, 1093 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)
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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

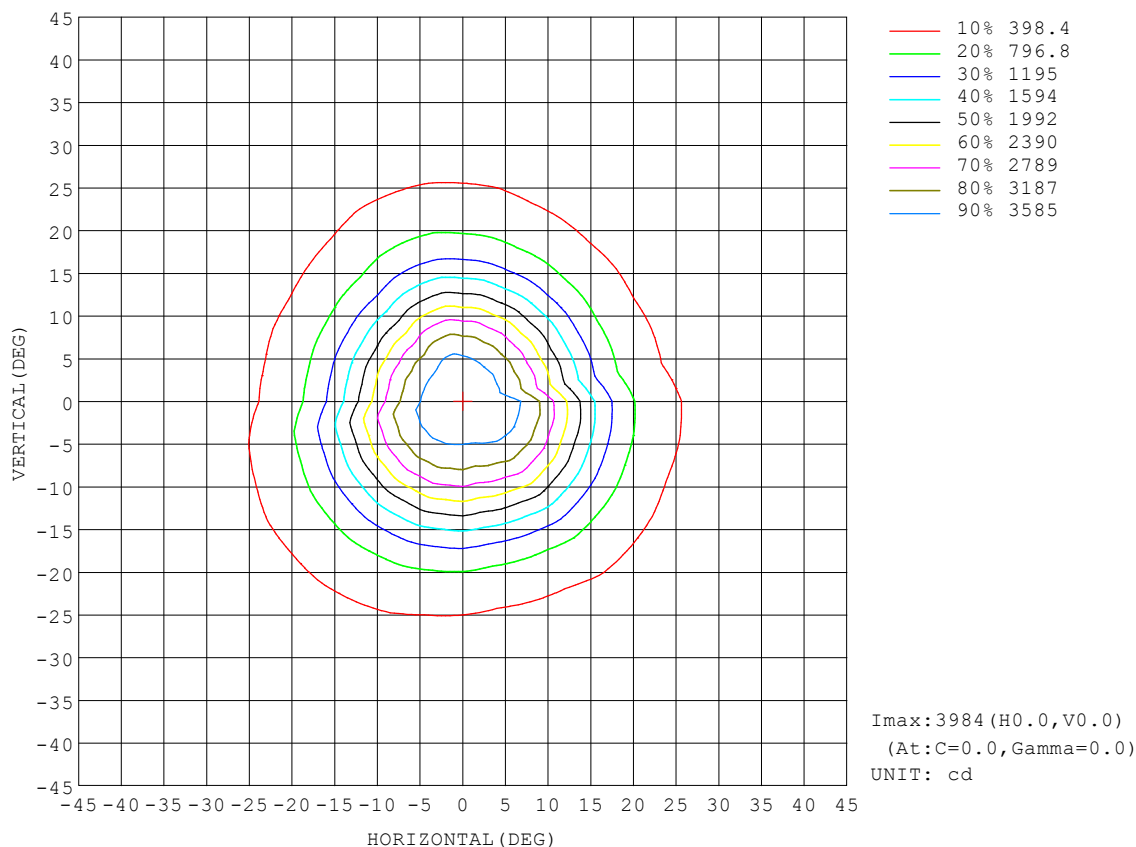
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	77	86	81	77	74
0.80	95	89	86	94	89	85	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	96	94	89
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:230.19V I:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

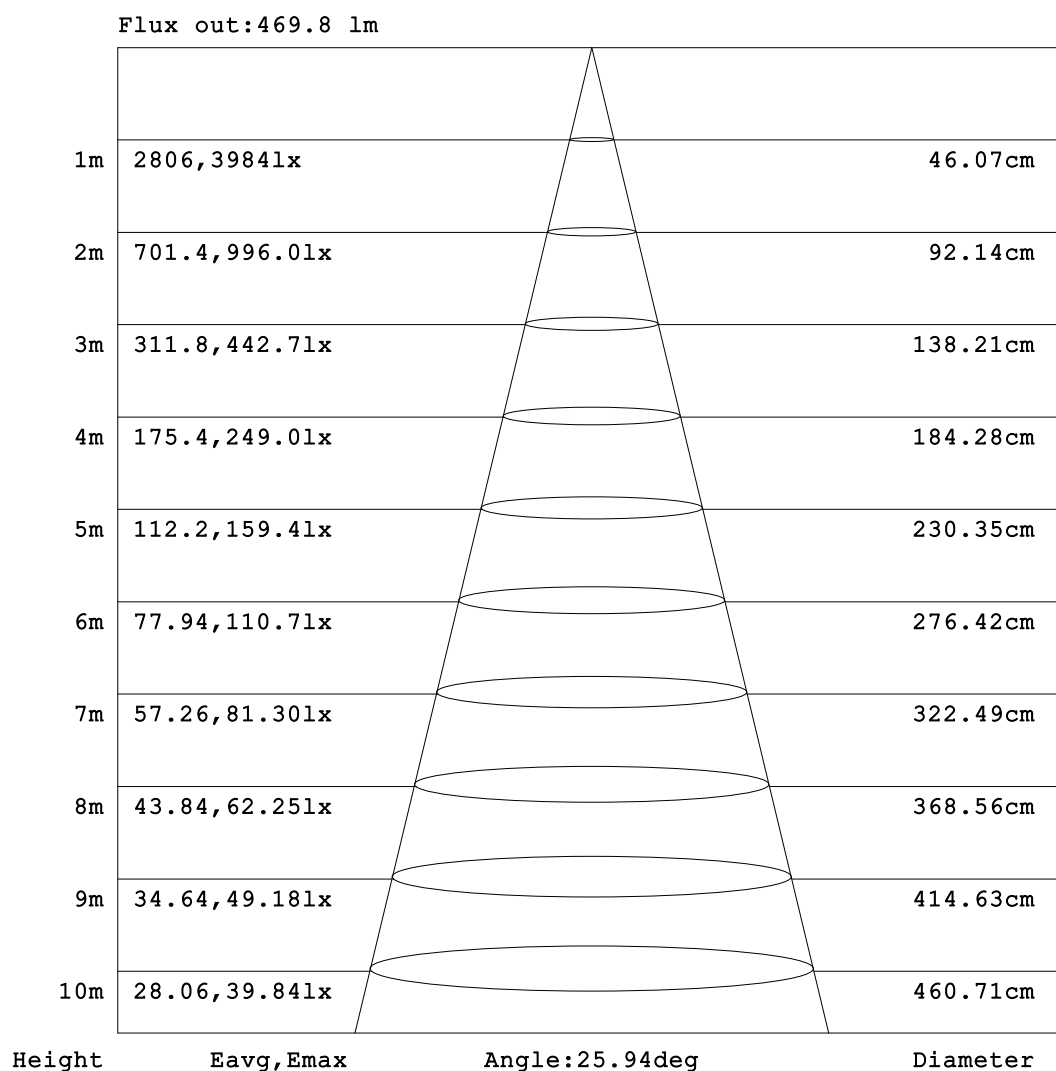


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:



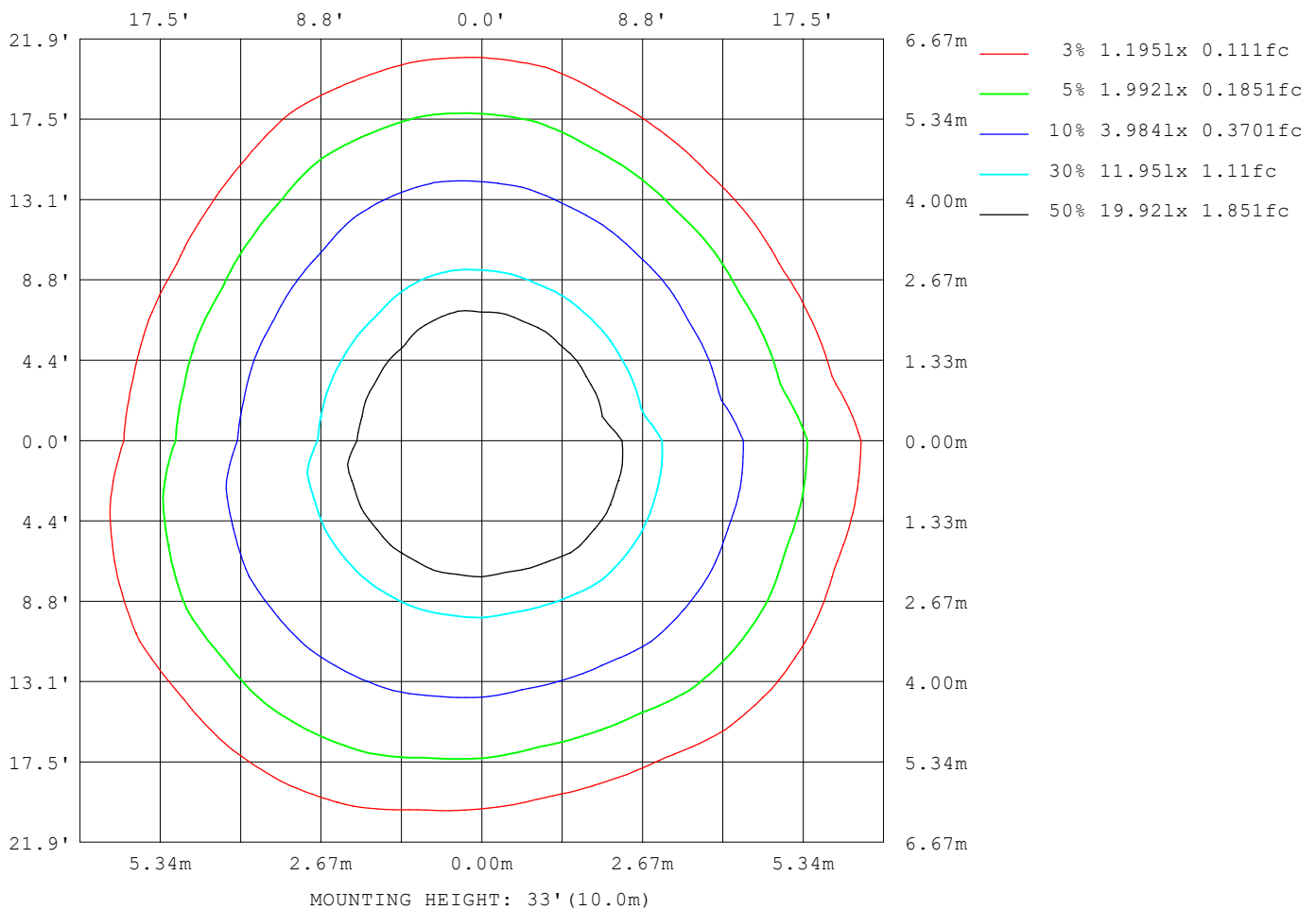
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D42mm	Shielding Angle:

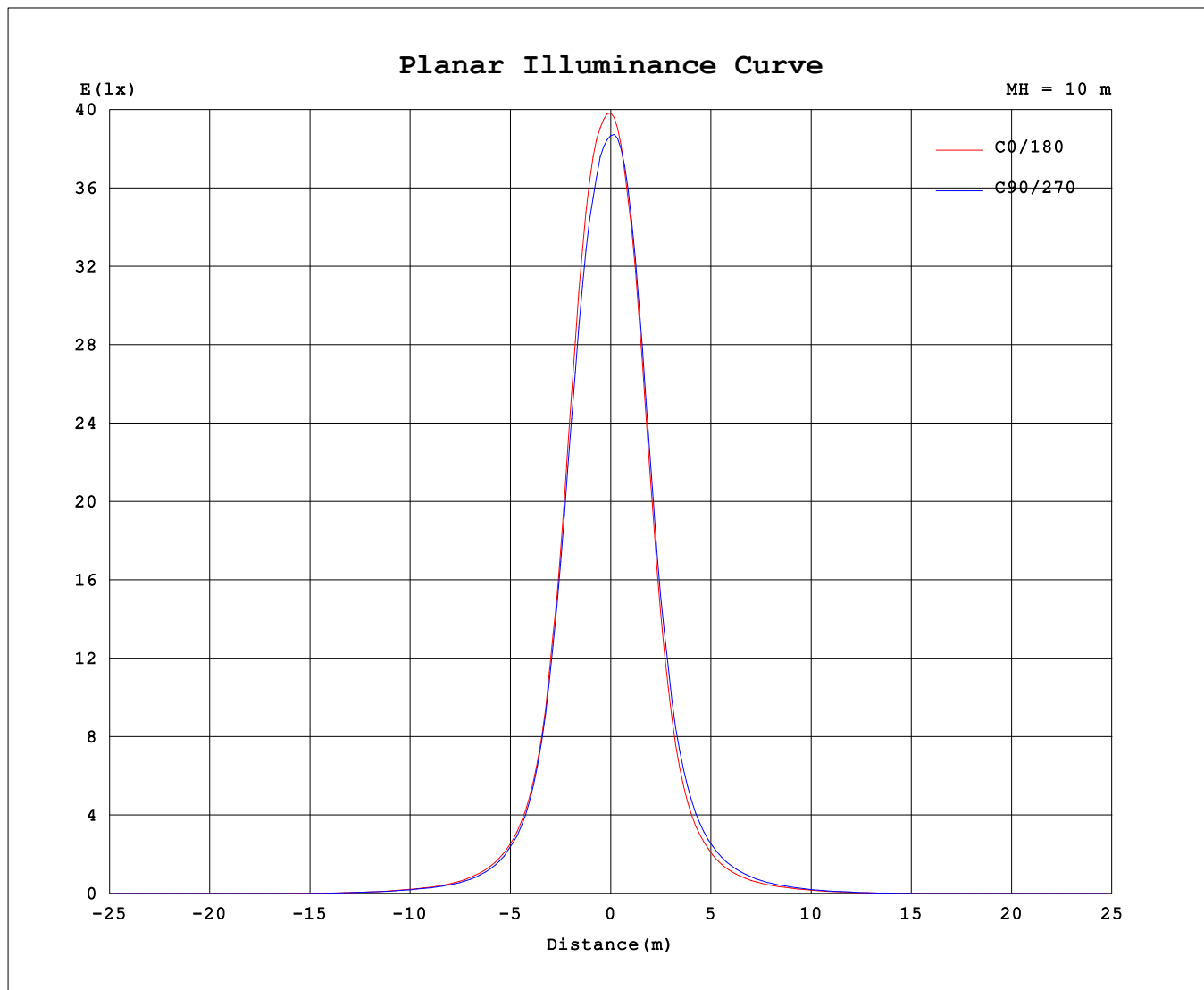
AvgL	cd/m2
L_0~180 (65) av	334
L_0~180 (75) av	31
L_0~180 (85) av	0
L_90~270 (65) av	142
L_90~270 (75) av	8
L_90~270 (85) av	0
L_45 (65) av	278
L_45 (75) av	8
L_45 (85) av	0

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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm		
NAME:	TYPE: 6500K	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	3984	3965	3947	3931	3920	3909	3900	3888	3871	3868	3862	3860	3856	3853	3852	3848	3849	3845	3984
5	3802	3805	3774	3767	3729	3694	3654	3602	3584	3589	3601	3614	3623	3634	3638	3639	3639	3636	3579
10	2950	3005	2980	3014	2965	2972	2833	2785	2720	2785	2773	2833	2808	2864	2825	2852	2799	2826	2555
15	1684	1750	1741	1798	1768	1793	1661	1622	1585	1635	1621	1682	1659	1702	1661	1681	1618	1638	1372
20	815	840	838	864	853	857	786	764	748	790	804	845	850	875	860	860	817	803	659
25	428	432	422	438	437	430	391	386	375	399	415	450	465	478	471	472	442	418	354
30	246	245	238	249	251	244	219	213	211	224	237	265	279	285	279	283	263	242	202
35	152	148	145	152	155	148	133	128	128	134	144	163	175	176	173	175	164	148	124
40	95.5	94.9	93.3	97.2	97.9	94.2	85.9	83.0	82.6	86.3	92.2	104	111	112	109	110	104	95.0	81.1
45	64.1	65.4	64.7	67.5	66.8	65.4	58.0	55.7	55.1	57.3	60.3	66.4	69.9	71.0	69.2	69.8	66.7	62.0	50.6
50	36.5	37.6	37.6	38.6	38.2	37.6	34.4	33.2	32.7	34.0	35.3	38.2	39.7	40.7	39.8	40.0	38.3	36.2	28.0
55	17.5	18.7	19.0	19.5	19.1	19.1	16.4	14.9	13.5	14.1	13.5	14.0	13.2	14.0	13.2	13.6	12.7	12.6	8.92
60	5.68	6.31	6.44	6.54	6.42	6.36	5.43	4.85	4.46	4.58	4.45	4.64	4.66	4.99	4.84	4.81	4.62	4.60	2.83
65	0.37	0.49	0.49	0.56	0.50	0.49	0.22	0.13	0.09	0.08	0.10	0.05	0.09	0.02	0.09	0.02	0.08	0.03	0.02
70	0.05	0.00	0.05	0.00	0.04	0.00	0.04	0.00	0.03	0.00	0.04	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.00
75	0.02	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	0.01	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	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.02	0.01
110	0.01	0.06	0.00	0.06	0.01	0.06	0.02	0.08	0.03	0.08	0.02	0.07	0.01	0.07	0.01	0.07	0.01	0.07	0.05
115	0.09	0.14	0.07	0.14	0.07	0.13	0.10	0.17	0.12	0.16	0.09	0.15	0.08	0.13	0.07	0.14	0.08	0.14	0.11
120	0.20	0.25	0.18	0.24	0.19	0.25	0.22	0.29	0.26	0.29	0.23	0.27	0.20	0.25	0.18	0.24	0.18	0.25	0.21
125	0.40	0.43	0.36	0.42	0.38	0.45	0.43	0.51	0.46	0.50	0.44	0.47	0.40	0.43	0.36	0.42	0.36	0.42	0.37
130	0.75	0.75	0.71	0.74	0.71	0.76	0.77	0.85	0.82	0.85	0.79	0.81	0.74	0.75	0.70	0.72	0.68	0.72	0.64
135	1.36	1.36	1.31	1.32	1.30	1.33	1.39	1.47	1.48	1.47	1.42	1.41	1.36	1.35	1.32	1.31	1.28	1.31	1.16
140	2.34	2.29	2.26	2.25	2.24	2.25	2.34	2.42	2.45	2.40	2.38	2.34	2.32	2.28	2.26	2.23	2.23	2.23	2.02
145	3.59	3.53	3.50	3.46	3.50	3.47	3.55	3.62	3.66	3.62	3.58	3.54	3.53	3.49	3.48	3.44	3.45	3.43	3.16
150	4.96	4.87	4.78	4.75	4.81	4.79	4.78	4.85	4.88	4.90	4.85	4.78	4.78	4.78	4.74	4.71	4.71	4.71	4.45
155	6.03	5.98	5.85	5.89	5.83	5.83	5.78	5.85	5.88	5.89	5.84	5.81	5.77	5.83	5.75	5.76	5.74	5.77	5.55
160	6.54	6.56	6.44	6.44	6.35	6.38	6.33	6.40	6.35	6.40	6.34	6.40	6.33	6.38	6.32	6.37	6.33	6.38	6.17
165	6.62	6.53	6.52	6.45	6.42	6.36	6.38	6.31	6.36	6.33	6.40	6.35	6.41	6.37	6.41	6.41	6.43	6.41	6.21
170	6.26	6.19	6.17	6.08	6.10	6.02	5.99	5.89	5.92	5.89	5.96	5.95	6.05	6.06	6.14	6.10	6.15	6.09	5.92
175	5.72	5.66	5.68	5.60	5.64	5.58	5.59	5.52	5.51	5.47	5.54	5.52	5.60	5.59	5.68	5.62	5.62	5.52	5.50
180	5.46	5.44	5.40	5.40	5.46	5.46	5.38	5.36	5.37	5.37	5.35	5.34	5.36	5.36	5.36	5.28	5.23	5.22	5.47

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:0.1086A P:14.135W PF:0.5654 Freq:50.00Hz Lamp Flux:1092.51x1 lm																	
NAME:									TYPE: 6500K						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	3965	3947	3931	3920	3909	3900	3888	3871	3868	3862	3860	3856	3853	3852	3848	3849	3845		
5	3561	3545	3543	3540	3557	3614	3661	3661	3631	3600	3583	3556	3546	3561	3520	3548	3522		
10	2486	2507	2459	2504	2480	2632	2672	2723	2640	2649	2573	2586	2510	2535	2482	2527	2496		
15	1343	1333	1325	1342	1359	1455	1513	1532	1487	1464	1410	1404	1369	1356	1334	1343	1347		
20	635	638	629	656	676	748	778	796	760	743	698	683	648	640	620	635	637		
25	337	343	331	354	369	412	426	436	421	409	375	362	335	336	319	338	341		
30	195	195	191	203	219	245	250	257	252	243	217	202	188	185	180	189	199		
35	119	119	118	125	136	151	155	158	157	150	133	122	114	113	111	116	123		
40	78.0	78.0	77.9	82.1	87.9	96.1	97.9	100	99.9	96.2	87.2	80.8	76.2	75.2	74.3	76.5	79.7		
45	48.1	47.8	47.4	49.5	51.9	57.4	59.8	62.4	61.3	59.9	55.1	52.4	49.8	49.6	49.3	50.7	52.1		
50	26.1	25.9	25.1	26.1	26.6	31.1	33.4	35.1	34.4	33.8	31.6	30.3	28.7	28.6	28.2	29.1	29.5		
55	8.35	8.30	8.08	8.34	8.42	9.58	10.6	11.4	11.1	11.2	10.8	10.6	10.2	10.4	10.2	10.8	10.8		
60	2.37	2.24	2.02	2.19	2.27	3.15	3.68	3.95	3.80	3.90	3.81	3.90	3.54	3.64	3.51	3.77	3.79		
65	0.07	0.02	0.08	0.01	0.07	0.02	0.08	0.02	0.08	0.02	0.08	0.02	0.08	0.01	0.08	0.01	0.08		
70	0.03	0.00	0.02	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		
75	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01		
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	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00		
110	0.00	0.05	0.00	0.05	0.00	0.05	0.00	0.04	0.00	0.04	0.00	0.05	0.00	0.05	0.00	0.04	0.00		
115	0.06	0.11	0.05	0.11	0.04	0.11	0.03	0.10	0.05	0.11	0.06	0.12	0.06	0.12	0.06	0.10	0.03		
120	0.15	0.21	0.15	0.20	0.15	0.19	0.13	0.19	0.15	0.20	0.16	0.22	0.17	0.22	0.16	0.21	0.13		
125	0.32	0.37	0.32	0.35	0.30	0.35	0.29	0.34	0.30	0.35	0.32	0.38	0.34	0.39	0.33	0.37	0.30		
130	0.61	0.65	0.62	0.64	0.59	0.63	0.57	0.62	0.58	0.64	0.62	0.67	0.63	0.67	0.62	0.65	0.59		
135	1.14	1.18	1.15	1.17	1.13	1.12	1.06	1.11	1.11	1.15	1.14	1.17	1.14	1.17	1.13	1.14	1.10		
140	2.02	2.02	2.03	2.03	2.03	1.94	1.89	1.90	1.92	1.95	1.96	1.96	1.97	1.96	1.97	1.95	1.95		
145	3.17	3.17	3.16	3.16	3.17	3.05	3.00	2.99	3.04	3.04	3.05	3.05	3.06	3.06	3.06	3.05	3.06		
150	4.42	4.40	4.38	4.41	4.40	4.28	4.22	4.24	4.28	4.24	4.25	4.24	4.26	4.26	4.27	4.25	4.30		
155	5.46	5.46	5.42	5.44	5.40	5.35	5.27	5.31	5.30	5.31	5.26	5.27	5.25	5.28	5.26	5.28	5.31		
160	6.07	6.09	5.97	6.02	5.95	5.99	5.91	5.96	5.89	5.92	5.86	5.87	5.78	5.82	5.78	5.86	5.84		
165	6.17	6.09	6.06	6.01	6.03	5.98	6.02	5.97	5.99	5.91	5.95	5.87	5.88	5.82	5.85	5.83	5.92		
170	5.92	5.83	5.83	5.75	5.72	5.63	5.68	5.61	5.62	5.55	5.59	5.54	5.59	5.52	5.56	5.52	5.62		
175	5.53	5.48	5.51	5.43	5.41	5.35	5.36	5.33	5.31	5.27	5.30	5.29	5.28	5.23	5.24	5.18	5.23		
180	5.41	5.41	5.42	5.43	5.40	5.39	5.34	5.34	5.32	5.32	5.29	5.32	5.33	5.34	5.23	5.23	5.17		

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: