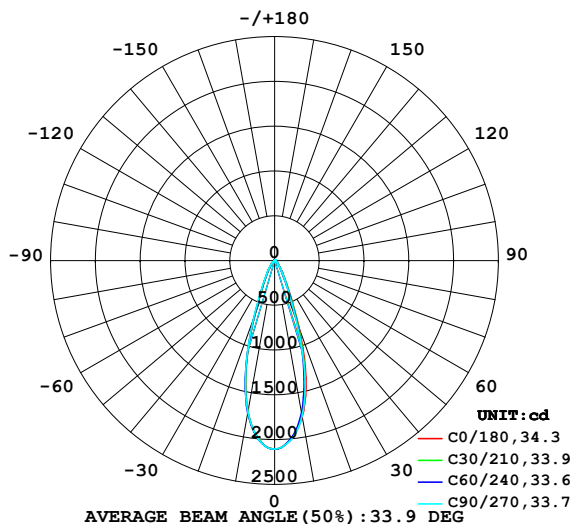


LUMINAIRE PHOTOMETRIC TEST REPORT

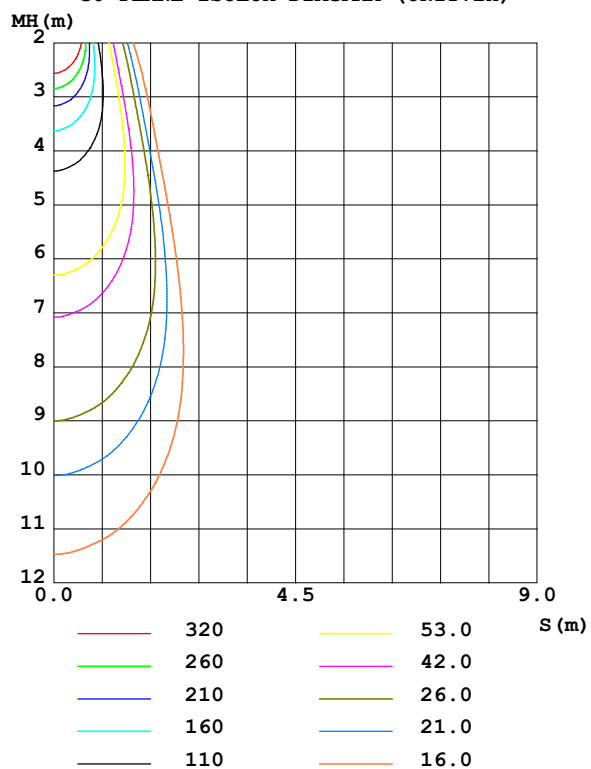
Test:U:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 81.47 lm/W
MODEL		I _{max} (cd)	2107	S/MH(C0/180)		0.52
NOMINAL POWER(W)	10.5W	LOR(%)	100.0	S/MH(C90/270)		0.53
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	832.01	η UP,DN(C0-180)		0.4,50.1
NOMINAL FLUX(lm)	832.013	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.3,49.2
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	240	η down (%)	99.2	CIBSE SHR MAX		0.55

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:17 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	1771	1736	1767	1779	1720	1725	1723	1750	0- 10	183.7	183.7	22.1,22.1
20	794.0	740.3	711.9	675.9	656.9	668.5	695.6	761.6	10- 20	341.5	525.2	63.1,63.1
30	226.2	196.2	203.8	205.1	173.2	185.5	190.6	199.9	20- 30	170.9	696.1	83.7,83.7
40	89.12	75.59	80.84	82.20	66.81	72.55	72.82	74.32	30- 40	77.96	774.1	93,93
50	33.48	29.76	30.10	30.41	25.95	27.13	27.35	28.12	40- 50	37.70	811.8	97.6,97.6
60	5.027	4.414	3.890	4.577	4.248	4.617	5.078	4.535	50- 60	12.55	824.3	99.1,99.1
70	0.0843	0.0394	0.0055	0.0310	0.0056	0.0337	0.0843	0.0449	60- 70	1.376	825.7	99.2,99.2
80	0.0056	0.0000	0	0	0	0	0	0	70- 80	0.0153	825.7	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	0.0000	825.7	99.2,99.2
100	0	0	0	0	0	0	0	0	90-100	0.0000	825.7	99.2,99.2
110	0.0056	0.0393	0.0675	0.0421	0.0394	0.0197	0	0.0169	100-110	0.0091	825.7	99.2,99.2
120	0.1684	0.2047	0.2418	0.2247	0.1966	0.1404	0.1177	0.1376	110-120	0.0896	825.8	99.3,99.3
130	0.6566	0.6733	0.7366	0.7634	0.6070	0.5305	0.5445	0.4886	120-130	0.3206	826.1	99.3,99.3
140	1.834	1.825	1.905	1.984	1.634	1.564	1.527	1.474	130-140	0.8532	827.0	99.4,99.4
150	3.485	3.478	3.618	3.709	3.178	3.153	3.037	2.990	140-150	1.535	828.5	99.6,99.6
160	4.525	4.522	4.626	4.660	4.285	4.256	4.205	4.073	150-160	1.804	830.3	99.8,99.8
170	4.582	4.514	4.469	4.565	4.379	4.402	4.295	4.239	160-170	1.266	831.6	99.9,99.9
180	4.363	4.407	4.357	4.371	4.357	4.391	4.318	4.343	170-180	0.4173	832.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:CAM

Test Date:17 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]

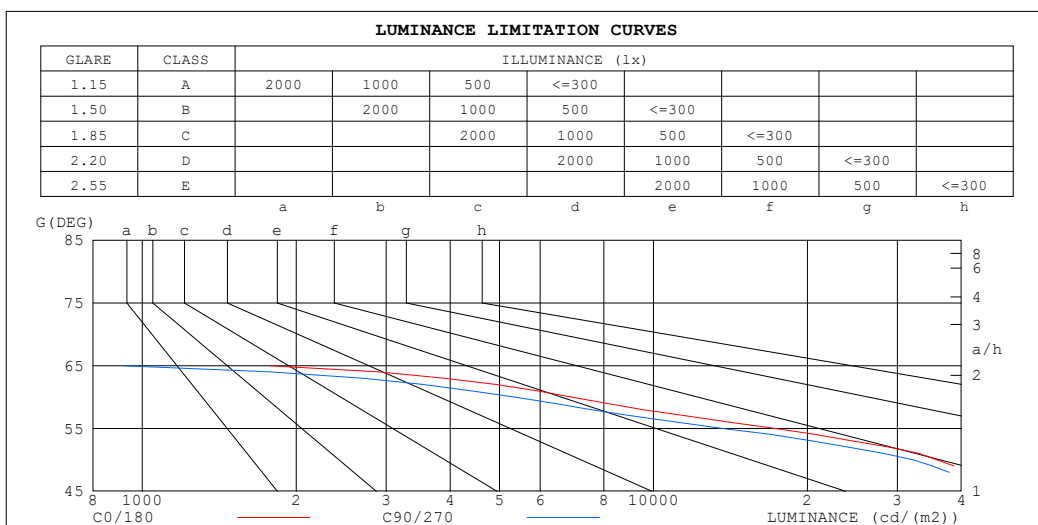
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz

Lamp Flux:832.013x1 lm

NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	22	0
75	90	0
70	170	11
65	1776	919
60	6926	5361
55	17319	13662
50	35888	32260
45	54264	48553

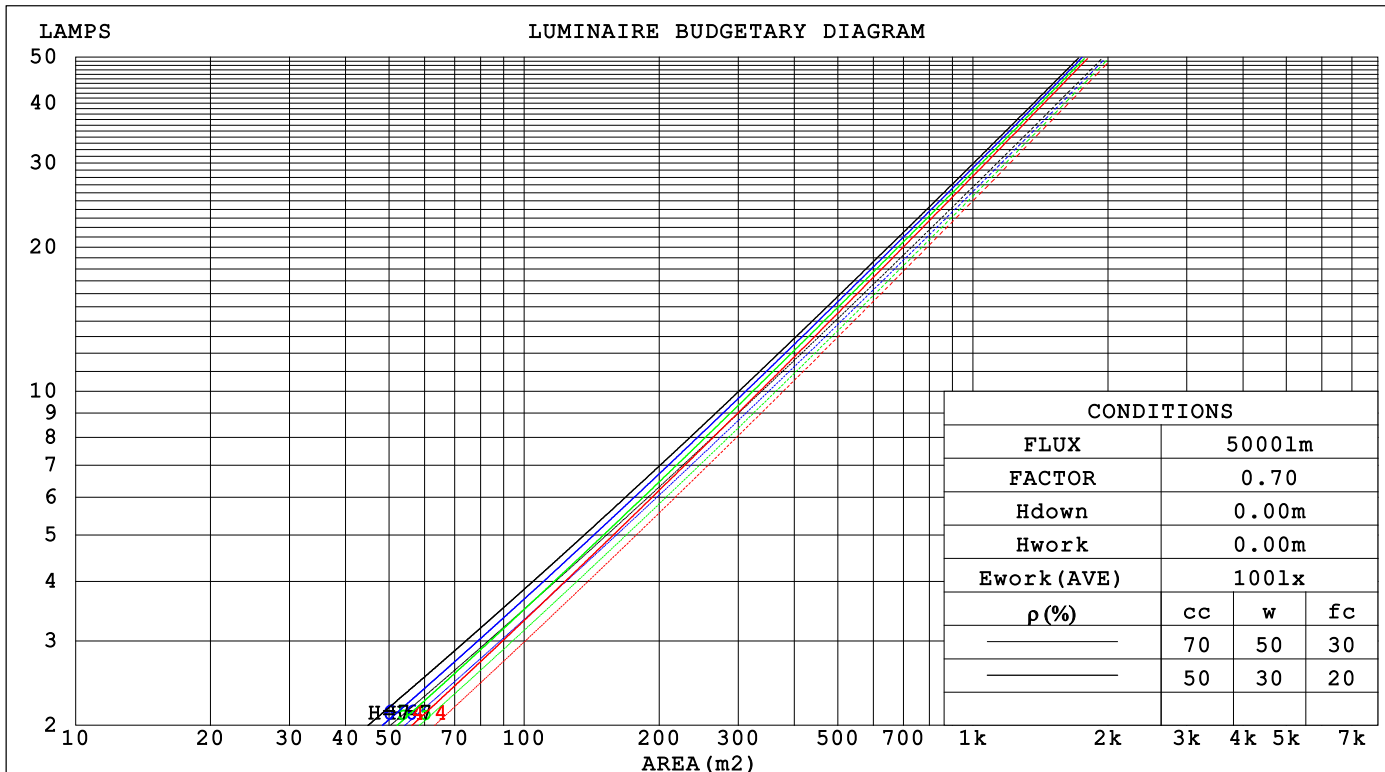
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:17 July 2025

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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	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:17 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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm					
NAME:		TYPE: 6500K		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.: D43mm		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	.157	.089	.028	.150	.086	.027	.137	.079	.025	.125	.072	.023	.114	.066	.021		
2.0	.148	.081	.025	.143	.079	.024	.132	.073	.023	.122	.068	.021	.113	.064	.020		
3.0	.140	.075	.022	.135	.072	.022	.126	.068	.021	.118	.064	.020	.110	.061	.019		
4.0	.133	.069	.020	.128	.067	.020	.121	.064	.019	.113	.061	.018	.107	.058	.018		
5.0	.126	.064	.019	.122	.063	.018	.115	.060	.018	.109	.058	.017	.103	.055	.017		
6.0	.120	.060	.017	.116	.059	.017	.110	.057	.016	.105	.055	.016	.100	.053	.016		
7.0	.114	.056	.016	.111	.055	.016	.106	.054	.015	.101	.052	.015	.096	.050	.015		
8.0	.109	.053	.015	.106	.052	.015	.102	.051	.015	.097	.049	.014	.093	.048	.014		
9.0	.104	.050	.014	.102	.050	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013		
10.0	.100	.048	.013	.098	.047	.013	.094	.046	.013	.091	.045	.013	.087	.044	.013		

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	.176	.163	.152	.150	.140	.131	.103	.096	.091	.059	.056	.053	.019	.018	.017		
2.0	.159	.138	.121	.136	.119	.105	.093	.082	.073	.054	.048	.043	.017	.016	.014		
3.0	.145	.119	.099	.125	.103	.085	.086	.071	.060	.049	.042	.035	.016	.014	.012		
4.0	.134	.104	.082	.115	.090	.071	.079	.063	.050	.046	.037	.030	.015	.012	.010		
5.0	.124	.092	.069	.107	.080	.060	.074	.056	.042	.043	.033	.025	.014	.011	.008		
6.0	.116	.083	.059	.100	.072	.051	.069	.050	.036	.040	.030	.021	.013	.010	.007		
7.0	.109	.075	.051	.094	.065	.044	.065	.046	.031	.038	.027	.019	.012	.009	.006		
8.0	.103	.068	.044	.089	.059	.039	.061	.042	.028	.036	.025	.016	.012	.008	.005		
9.0	.098	.063	.039	.084	.055	.034	.058	.038	.024	.034	.023	.015	.011	.007	.005		
10.0	.093	.058	.035	.080	.051	.031	.056	.036	.022	.032	.021	.013	.011	.007	.004		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:17 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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm											
NAME:					TYPE: 6500K			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: D43mm			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		20.1	20.9	20.3	21.0	21.2	19.1	19.9	19.4	20.1	20.3
3H		19.9	20.6	20.2	20.8	21.0	19.0	19.7	19.2	19.9	20.1
4H		19.8	20.5	20.1	20.7	21.0	18.9	19.6	19.2	19.8	20.0
6H		19.7	20.4	20.0	20.6	20.9	18.8	19.4	19.1	19.7	19.9
8H		19.7	20.3	20.0	20.6	20.8	18.7	19.4	19.1	19.6	19.9
12H		19.6	20.2	20.0	20.5	20.8	18.7	19.3	19.0	19.6	19.9
4H 2H		19.8	20.5	20.1	20.8	21.0	18.9	19.6	19.2	19.9	20.1
3H		19.7	20.3	20.0	20.5	20.8	18.8	19.4	19.1	19.6	19.9
4H		19.6	20.1	19.9	20.4	20.7	18.7	19.2	19.0	19.5	19.8
6H		19.5	20.0	19.9	20.3	20.7	18.6	19.0	18.9	19.4	19.7
8H		19.4	19.9	19.8	20.2	20.6	18.5	18.9	18.9	19.3	19.7
12H		19.4	19.8	19.8	20.2	20.6	18.4	18.9	18.9	19.2	19.6
8H 4H		19.4	19.9	19.8	20.2	20.6	18.5	18.9	18.9	19.3	19.7
6H		19.3	19.7	19.7	20.1	20.5	18.4	18.8	18.8	19.2	19.6
8H		19.2	19.6	19.7	20.0	20.5	18.3	18.7	18.8	19.1	19.5
12H		19.2	19.5	19.7	19.9	20.4	18.3	18.6	18.8	19.0	19.5
12H 4H		19.4	19.8	19.8	20.2	20.6	18.4	18.9	18.9	19.2	19.6
6H		19.2	19.6	19.7	20.0	20.5	18.3	18.7	18.8	19.1	19.5
8H		19.2	19.5	19.7	19.9	20.4	18.3	18.6	18.8	19.0	19.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 2.7 / - 8.2					+ 2.9 / - 8.9				
1.5H		+ 3.4 / - 5.9					+ 3.6 / - 6.1				
2.0H		+ 5.2 / -11.9					+ 5.5 / -13.4				

CIE Pub.117, 832.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.6)
Area: 0.00145146 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:17 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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

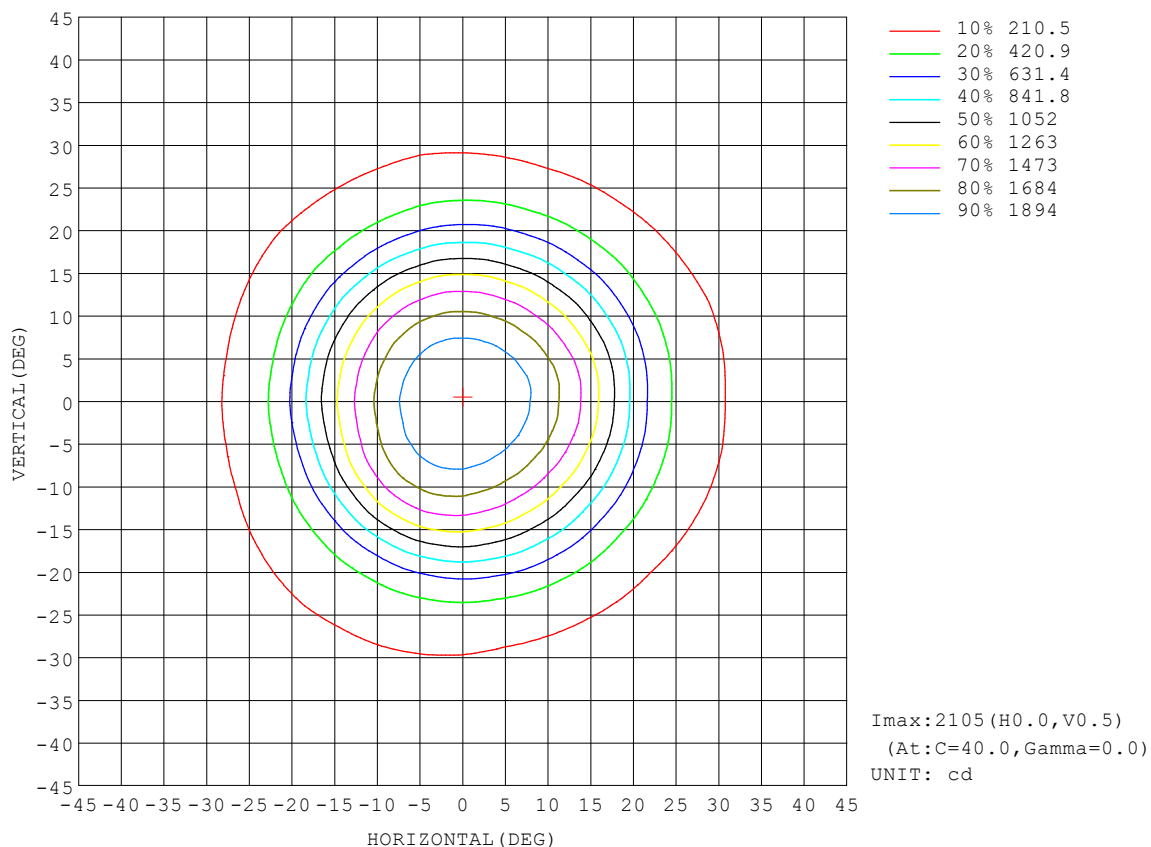
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	103	105	103	101	94
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: 17 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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

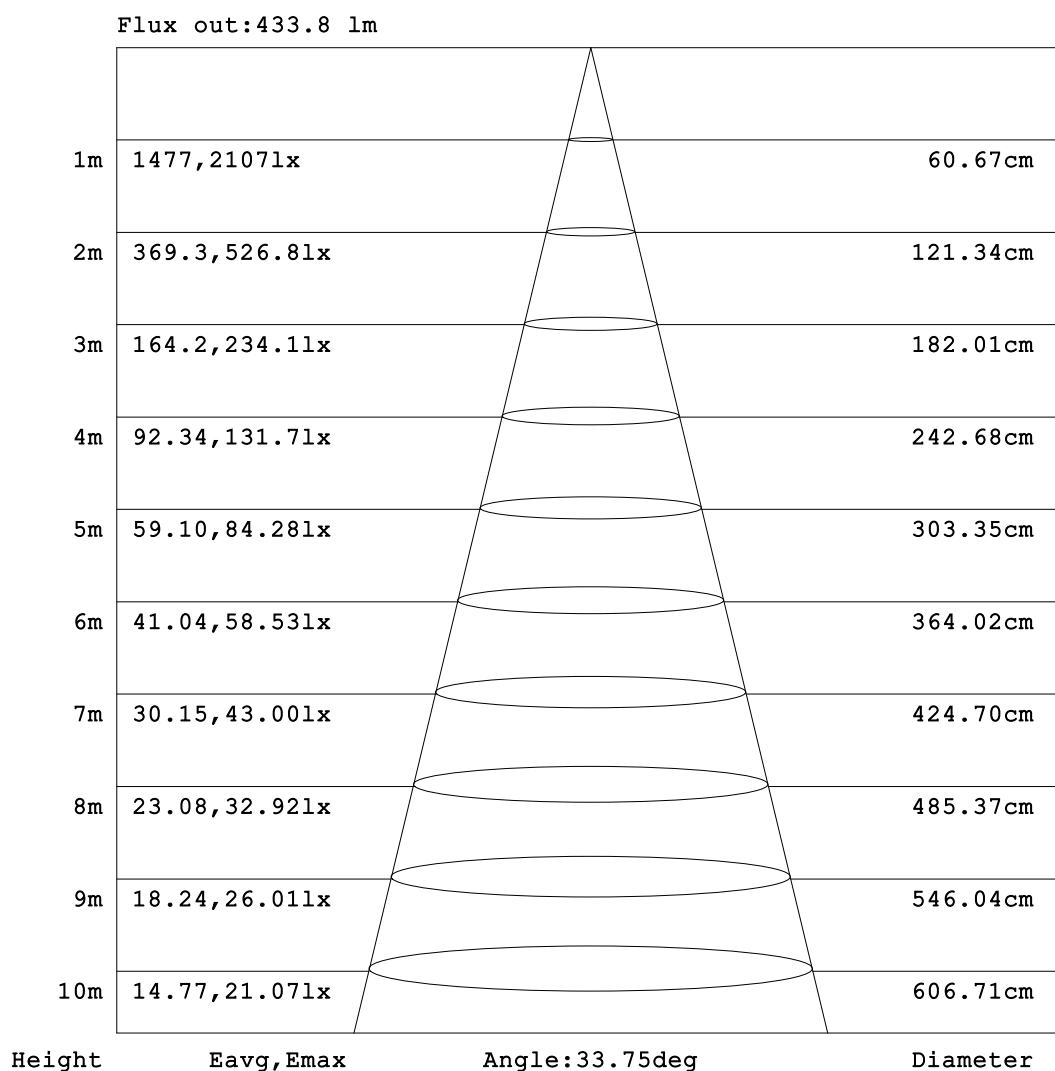


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:17 July 2025

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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	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°C

Operators: CAM

Test Date: 17 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

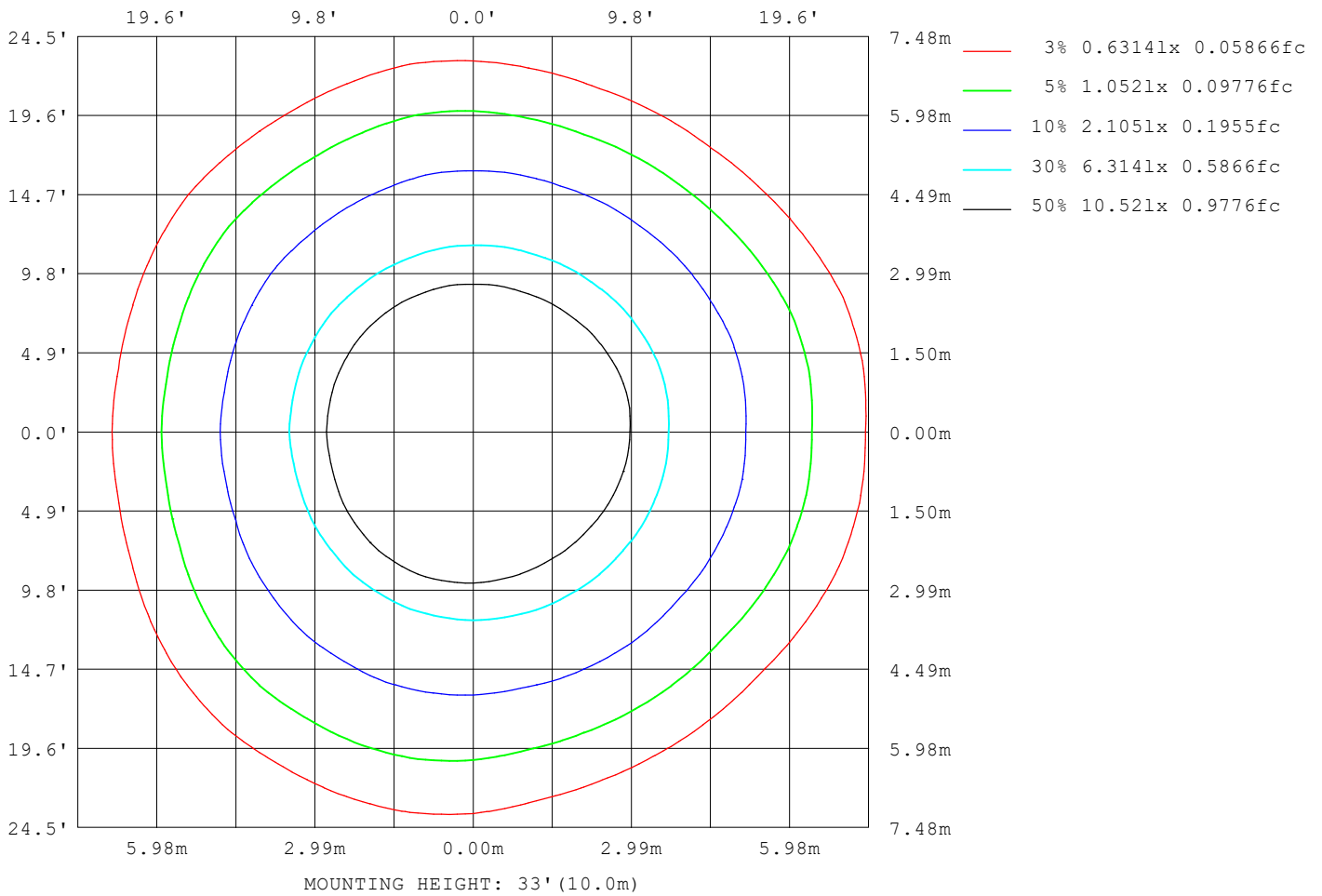
Humidity: 65.0%

Test Distance: 8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:17 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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

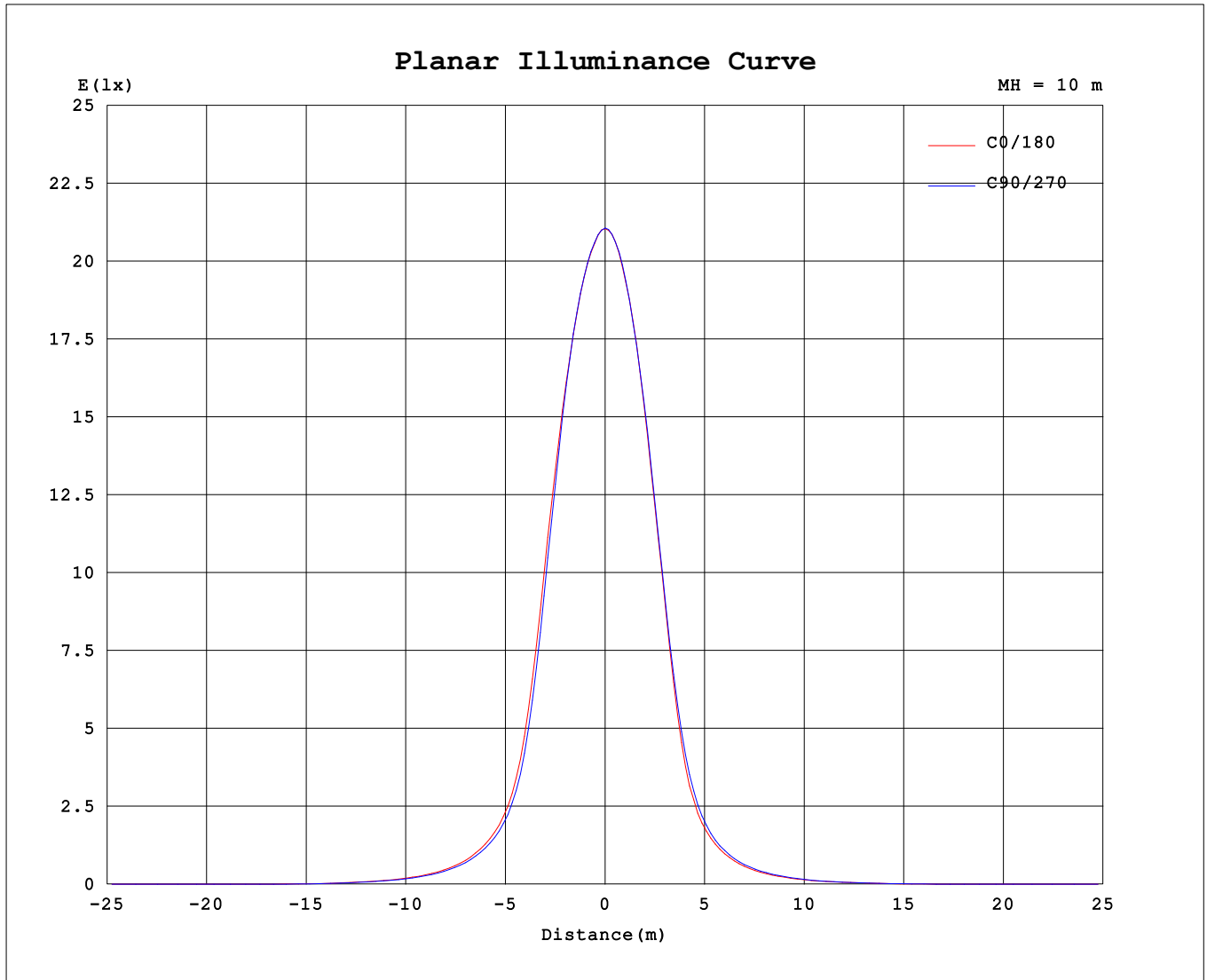
AvgL	cd/m2
L_0~180 (65) av	1499
L_0~180 (75) av	45
L_0~180 (85) av	0
L_90~270 (65) av	1413
L_90~270 (75) av	45
L_90~270 (85) av	0
L_45 (65) av	1388
L_45 (75) av	34
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:17 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: 17 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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm																		
NAME:									TYPE: 6500K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.: D43mm					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	2105	2106	2106	2107	2107	2107	2107	2107	2106	2106	2106	2106	2106	2106	2106	2106	2106	2106	2105
5	2015	2016	2012	2012	2008	2008	2006	2010	2011	2016	2016	2019	2016	2016	2010	2008	2002	2000	2004
10	1771	1770	1756	1749	1736	1735	1729	1738	1746	1767	1777	1789	1787	1788	1770	1751	1725	1713	1720
15	1361	1354	1327	1310	1284	1276	1264	1273	1277	1298	1306	1324	1317	1313	1283	1267	1233	1220	1232
20	794	795	777	765	743	737	722	720	709	712	703	705	689	686	665	658	640	641	657
25	392	395	386	377	364	366	352	351	340	352	349	353	342	344	329	325	307	304	307
30	226	228	221	210	198	195	191	191	193	204	210	212	208	209	201	190	178	172	173
35	141	142	138	129	120	117	116	116	119	128	133	133	132	133	127	118	109	105	105
40	89.1	89.5	87.2	81.9	76.6	74.6	73.2	73.6	75.7	80.8	83.7	83.9	83.1	83.8	80.6	75.4	69.7	67.0	66.8
45	55.7	55.8	54.6	51.9	48.9	47.3	46.4	46.5	47.4	49.8	51.1	51.3	50.7	50.9	48.9	46.3	43.3	41.6	41.3
50	33.5	33.5	32.9	31.8	30.3	29.3	28.6	28.5	28.9	30.1	30.6	31.1	30.8	30.9	29.9	28.8	27.4	26.2	26.0
55	14.4	14.5	14.0	13.7	13.0	12.3	11.6	11.3	11.1	11.4	11.5	12.0	12.0	12.2	12.1	12.1	11.7	11.3	11.6
60	5.03	5.05	4.92	4.90	4.62	4.21	3.98	3.90	3.78	3.89	3.98	4.45	4.45	4.61	4.55	4.65	4.47	4.15	4.25
65	1.09	1.11	1.01	1.00	0.86	0.81	0.63	0.53	0.49	0.56	0.52	0.55	0.51	0.58	0.55	0.62	0.60	0.67	0.75
70	0.08	0.02	0.08	0.01	0.07	0.01	0.07	0.01	0.08	0.01	0.07	0.01	0.06	0.00	0.06	0.00	0.07	0.01	0.01
75	0.03	0.00	0.03	0.00	0.03	0.00	0.02	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00
80	0.01	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	0.01	0.00
105	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00
110	0.01	0.06	0.01	0.06	0.02	0.06	0.01	0.07	0.02	0.07	0.01	0.07	0.01	0.07	0.01	0.07	0.03	0.08	0.04
115	0.08	0.12	0.07	0.12	0.07	0.12	0.07	0.13	0.08	0.13	0.07	0.13	0.08	0.14	0.08	0.15	0.11	0.16	0.10
120	0.17	0.23	0.17	0.22	0.17	0.24	0.18	0.24	0.18	0.24	0.19	0.24	0.19	0.25	0.20	0.27	0.22	0.28	0.20
125	0.34	0.39	0.34	0.39	0.34	0.39	0.35	0.41	0.36	0.41	0.36	0.43	0.38	0.44	0.40	0.47	0.43	0.49	0.34
130	0.66	0.70	0.65	0.70	0.64	0.71	0.66	0.72	0.68	0.74	0.72	0.77	0.74	0.78	0.75	0.83	0.79	0.85	0.61
135	1.17	1.20	1.14	1.20	1.14	1.20	1.16	1.21	1.18	1.25	1.25	1.26	1.24	1.32	1.29	1.36	1.34	1.40	1.04
140	1.83	1.87	1.81	1.85	1.80	1.85	1.81	1.87	1.84	1.90	1.88	1.94	1.93	1.99	1.97	2.03	2.00	2.06	1.63
145	2.62	2.66	2.59	2.62	2.59	2.62	2.59	2.64	2.62	2.76	2.69	2.74	2.72	2.88	2.77	2.81	2.78	2.84	2.33
150	3.49	3.48	3.40	3.45	3.45	3.50	3.41	3.44	3.47	3.62	3.56	3.54	3.53	3.72	3.70	3.61	3.57	3.67	3.18
155	4.19	4.19	4.10	4.16	4.11	4.19	4.08	4.14	4.20	4.27	4.27	4.23	4.20	4.37	4.34	4.37	4.23	4.35	3.91
160	4.52	4.58	4.51	4.55	4.50	4.55	4.53	4.59	4.55	4.63	4.59	4.66	4.61	4.67	4.65	4.66	4.63	4.70	4.28
165	4.63	4.63	4.63	4.62	4.61	4.60	4.62	4.62	4.63	4.63	4.67	4.67	4.68	4.67	4.69	4.69	4.71	4.70	4.43
170	4.58	4.51	4.55	4.49	4.54	4.49	4.55	4.47	4.54	4.47	4.53	4.48	4.55	4.52	4.60	4.56	4.62	4.57	4.38
175	4.40	4.36	4.40	4.36	4.41	4.41	4.43	4.37	4.39	4.36	4.39	4.34	4.40	4.38	4.46	4.42	4.45	4.38	4.36
180	4.36	4.36	4.36	4.36	4.41	4.41	4.40	4.37	4.36	4.36	4.35	4.34	4.36	4.36	4.38	4.33	4.32	4.30	4.36

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:17 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:240.29V I:0.0787A P:10.213W PF:0.5404 Freq:50.00Hz Lamp Flux:832.013x1 lm																	
NAME:									TYPE: 6500K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D43mm						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	2106	2106	2107	2107	2107	2107	2107	2106	2106	2106	2106	2106	2106	2106	2106	2106	2106		
5	2002	2005	2004	2007	2007	2012	2012	2014	2011	2013	2012	2016	2015	2020	2019	2025	2024		
10	1711	1714	1715	1726	1724	1730	1725	1729	1723	1727	1725	1736	1741	1759	1768	1785	1787		
15	1225	1234	1235	1247	1246	1252	1246	1254	1247	1253	1253	1275	1288	1321	1336	1366	1377		
20	650	660	662	672	665	674	677	692	696	706	707	731	746	777	794	817	816		
25	303	309	315	327	319	328	329	346	344	350	345	362	366	383	391	404	403		
30	172	176	182	187	184	184	186	194	191	187	184	190	194	205	216	230	232		
35	104	107	112	115	114	113	115	118	116	112	110	112	115	122	132	143	145		
40	66.4	68.0	70.4	72.9	72.2	72.1	72.8	74.3	72.8	70.8	69.5	70.5	72.1	76.6	82.9	89.9	91.7		
45	40.8	41.5	42.6	43.9	44.0	44.3	44.6	45.5	44.9	44.4	43.8	44.5	45.4	48.2	51.6	55.8	57.2		
50	25.5	25.7	26.2	27.0	27.3	27.5	27.6	27.8	27.4	27.0	26.6	26.9	27.4	28.9	30.7	33.0	34.1		
55	11.4	11.5	11.7	12.1	12.5	13.0	13.0	13.4	13.4	13.4	13.0	13.2	13.1	13.6	14.0	14.8	15.2		
60	4.14	4.19	4.21	4.41	4.82	5.03	5.02	5.13	5.08	5.09	4.62	4.60	4.48	4.60	4.65	4.87	5.18		
65	0.66	0.70	0.80	0.96	0.96	1.05	1.06	1.16	1.17	1.26	1.22	1.13	1.03	1.07	1.10	1.29	1.27		
70	0.07	0.01	0.07	0.00	0.07	0.01	0.07	0.01	0.08	0.01	0.08	0.02	0.08	0.01	0.08	0.01	0.08		
75	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.03		
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	0.03	0.00	0.04	0.00	0.04	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.03	0.00	0.03	0.00		
115	0.04	0.10	0.04	0.08	0.02	0.09	0.02	0.08	0.04	0.09	0.04	0.10	0.04	0.08	0.03	0.08	0.02		
120	0.13	0.19	0.12	0.17	0.11	0.17	0.11	0.17	0.12	0.17	0.13	0.18	0.11	0.16	0.11	0.15	0.10		
125	0.28	0.33	0.27	0.31	0.25	0.30	0.25	0.31	0.26	0.33	0.27	0.32	0.25	0.29	0.23	0.27	0.22		
130	0.56	0.60	0.52	0.56	0.50	0.56	0.52	0.60	0.54	0.61	0.54	0.56	0.47	0.51	0.45	0.49	0.44		
135	0.99	1.02	0.95	0.99	0.93	0.96	0.90	1.02	0.97	1.01	0.91	0.93	0.87	0.91	0.85	0.91	0.84		
140	1.58	1.61	1.55	1.60	1.53	1.57	1.50	1.55	1.53	1.57	1.47	1.51	1.46	1.49	1.42	1.45	1.40		
145	2.28	2.33	2.28	2.31	2.27	2.30	2.24	2.26	2.32	2.25	2.16	2.19	2.15	2.17	2.12	2.15	2.10		
150	3.10	3.10	3.07	3.18	3.13	3.14	3.02	3.06	3.04	3.04	2.91	2.93	2.95	3.03	2.87	2.91	2.91		
155	3.81	3.82	3.79	3.83	3.84	3.79	3.72	3.79	3.72	3.73	3.60	3.63	3.67	3.68	3.63	3.60	3.61		
160	4.23	4.30	4.22	4.28	4.23	4.28	4.21	4.24	4.20	4.18	4.11	4.12	4.04	4.10	4.03	4.09	4.05		
165	4.43	4.43	4.42	4.43	4.40	4.39	4.38	4.36	4.33	4.30	4.28	4.27	4.26	4.24	4.24	4.26	4.27		
170	4.44	4.38	4.44	4.40	4.41	4.31	4.34	4.26	4.30	4.24	4.27	4.24	4.26	4.22	4.26	4.22	4.30		
175	4.37	4.35	4.41	4.39	4.36	4.32	4.28	4.27	4.24	4.24	4.24	4.26	4.24	4.23	4.21	4.23	4.22		
180	4.35	4.35	4.39	4.39	4.39	4.39	4.32	4.33	4.32	4.33	4.30	4.32	4.34	4.35	4.31	4.31	4.27		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:17 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: