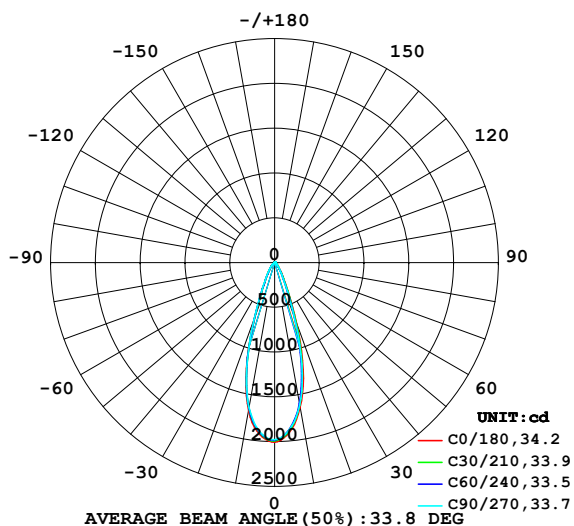


LUMINAIRE PHOTOMETRIC TEST REPORT

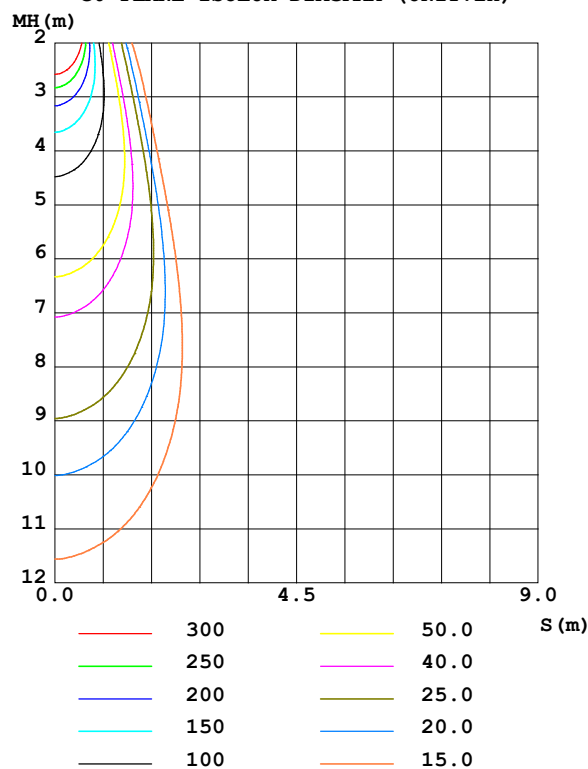
Test:U:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.37 lm/W			
MODEL		I _{max} (cd)	2005	S/MH(C0/180)	0.53
NOMINAL POWER(W)	10.5W	LOR(%)	100.0	S/MH(C90/270)	0.54
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	779.84	η UP,DN(C0-180)	0.4,48.7
NOMINAL FLUX(lm)	779.842	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,50.5
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240	η down(%)	99.3	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:18 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	1644	1607	1618	1639	1681	1657	1646	1658	0- 10	172.7	172.7	22.1,22.1
20	717.8	666.3	638.8	619.9	649.7	653.6	676.2	721.2	10- 20	320.2	493.0	63.2,63.2
30	194.0	176.4	177.7	178.2	182.8	180.8	189.1	197.9	20- 30	160.0	653.0	83.7,83.7
40	75.74	68.20	69.92	70.89	70.84	70.28	72.89	74.74	30- 40	72.80	725.8	93.1,93.1
50	29.22	26.82	26.42	26.99	26.65	26.38	27.07	27.49	40- 50	35.16	761.0	97.6,97.6
60	4.748	4.134	3.614	4.256	4.012	4.342	4.735	4.220	50- 60	11.75	772.7	99.1,99.1
70	0.0676	0.0310	0	0.0199	0	0.0281	0.0506	0.0310	60- 70	1.280	774.0	99.2,99.2
80	0	0	0	0	0	0	0	0	70- 80	0.0088	774.0	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	0	774.0	99.3,99.3
100	0	0	0	0	0	0	0	0	90-100	0	774.0	99.3,99.3
110	0	0.0225	0.0506	0.0281	0.0281	0.0084	0	0.0059	100-110	0.0048	774.0	99.3,99.3
120	0.1628	0.1884	0.2192	0.2024	0.1575	0.1066	0.0839	0.1096	110-120	0.0709	774.1	99.3,99.3
130	0.6398	0.6539	0.7140	0.7132	0.5289	0.4602	0.4652	0.4352	120-130	0.2881	774.4	99.3,99.3
140	1.774	1.787	1.831	1.858	1.477	1.390	1.356	1.350	130-140	0.7910	775.1	99.4,99.4
150	3.327	3.334	3.427	3.465	2.956	2.862	2.779	2.780	140-150	1.433	776.6	99.6,99.6
160	4.284	4.278	4.351	4.354	4.037	3.927	3.891	3.812	150-160	1.686	778.3	99.8,99.8
170	4.312	4.228	4.160	4.264	4.132	4.104	4.009	3.958	160-170	1.184	779.5	99.9,99.9
180	4.104	4.110	4.065	4.076	4.110	4.096	4.020	4.040	170-180	0.3900	779.8	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:18 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]

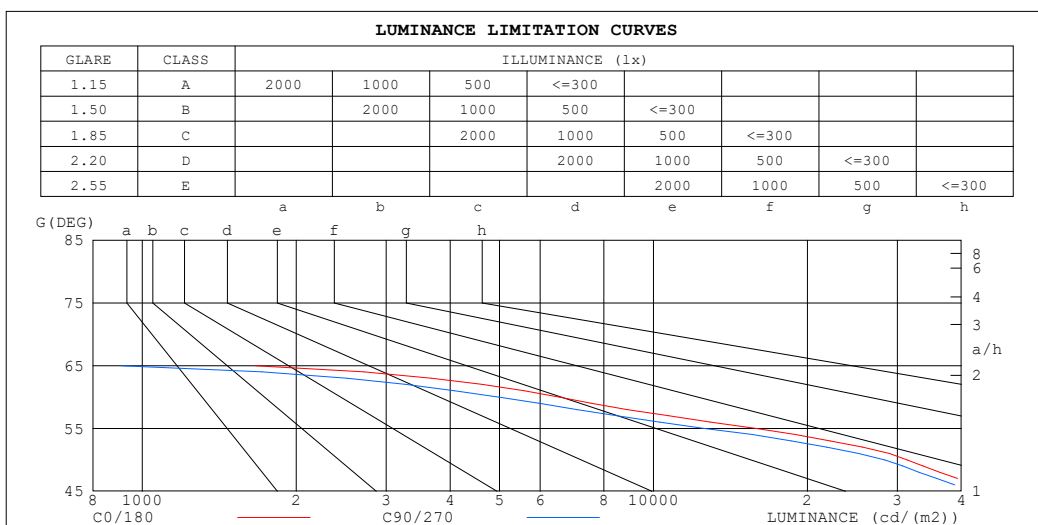
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz

Lamp Flux:779.842x1 lm

NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:



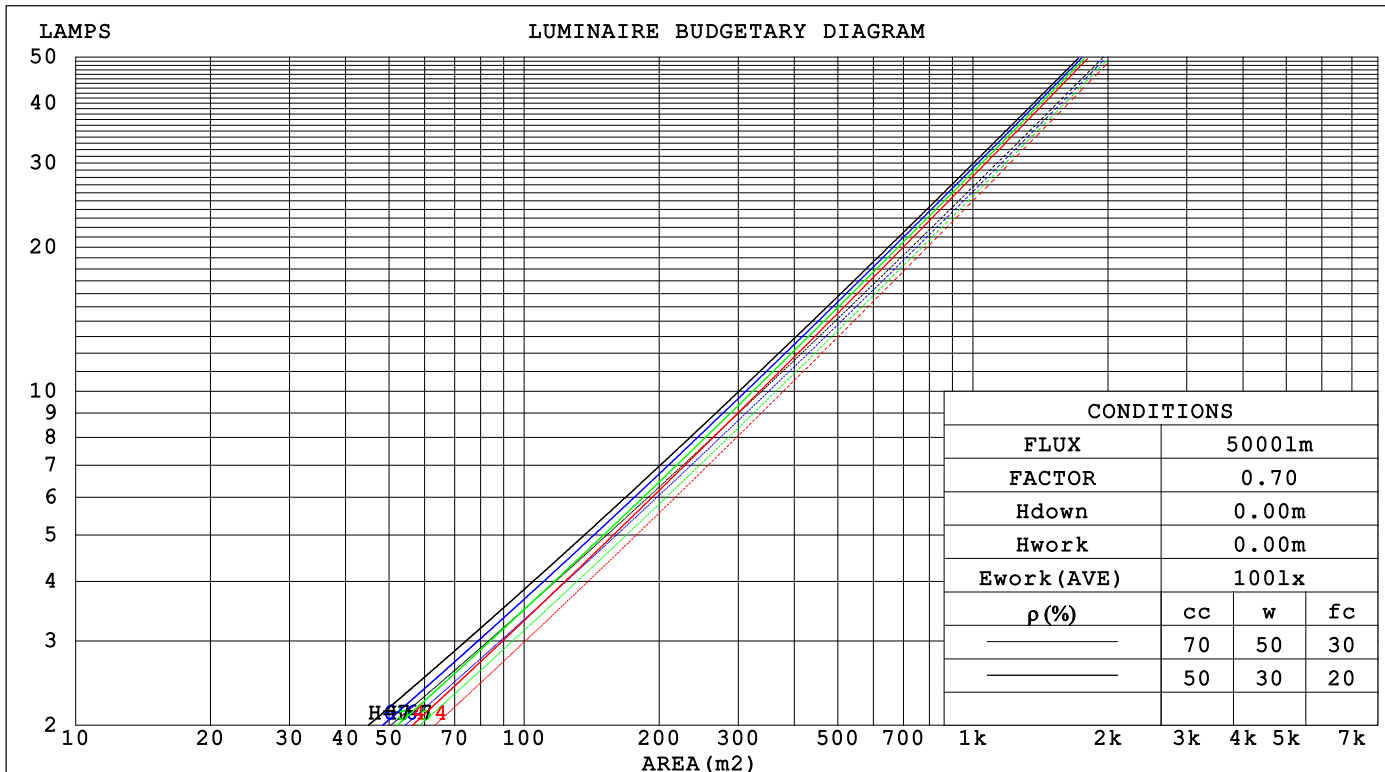
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 18 July 2025

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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	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:18 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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	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	.078	.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	.132	.069	.020	.128	.067	.020	.120	.064	.019	.113	.061	.018	.106	.058	.018		
5.0	.126	.064	.019	.122	.063	.018	.115	.060	.018	.109	.057	.017	.103	.055	.017		
6.0	.119	.060	.017	.116	.059	.017	.110	.057	.016	.105	.054	.016	.100	.052	.016		
7.0	.114	.056	.016	.111	.055	.016	.106	.053	.015	.101	.052	.015	.096	.050	.015		
8.0	.109	.053	.015	.106	.052	.015	.102	.051	.014	.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	.090	.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	.175	.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	.029	.021	.013	.010	.007		
7.0	.109	.075	.051	.094	.065	.044	.065	.045	.031	.038	.027	.019	.012	.009	.006		
8.0	.103	.068	.044	.089	.059	.039	.061	.042	.027	.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:18 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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm										
NAME:					TYPE: 4000K			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	19.5	20.3	19.8	20.5	20.7	18.8	19.6	19.0	19.8	20.0
3H	19.4	20.1	19.6	20.3	20.5	18.7	19.4	18.9	19.6	19.8
4H	19.3	20.0	19.6	20.2	20.4	18.6	19.3	18.9	19.5	19.7
6H	19.2	19.9	19.5	20.1	20.4	18.5	19.1	18.8	19.4	19.6
8H	19.2	19.8	19.5	20.1	20.3	18.4	19.1	18.8	19.3	19.6
12H	19.1	19.7	19.4	20.0	20.3	18.4	19.0	18.7	19.3	19.6
4H 2H	19.3	20.0	19.6	20.3	20.5	18.6	19.3	18.9	19.5	19.8
3H	19.2	19.8	19.5	20.0	20.3	18.4	19.0	18.8	19.3	19.6
4H	19.1	19.6	19.4	19.9	20.2	18.4	18.9	18.7	19.2	19.5
6H	19.0	19.4	19.3	19.8	20.1	18.2	18.7	18.6	19.1	19.4
8H	18.9	19.4	19.3	19.7	20.1	18.2	18.6	18.6	19.0	19.4
12H	18.8	19.3	19.3	19.6	20.0	18.1	18.6	18.6	18.9	19.3
8H 4H	18.9	19.4	19.3	19.7	20.1	18.2	18.6	18.6	19.0	19.4
6H	18.8	19.2	19.2	19.6	20.0	18.1	18.5	18.5	18.9	19.3
8H	18.7	19.1	19.2	19.5	19.9	18.0	18.4	18.5	18.8	19.2
12H	18.7	19.0	19.2	19.4	19.9	18.0	18.2	18.4	18.7	19.2
12H 4H	18.8	19.3	19.3	19.6	20.0	18.1	18.6	18.6	18.9	19.3
6H	18.7	19.1	19.2	19.5	19.9	18.0	18.4	18.5	18.8	19.2
8H	18.7	19.0	19.2	19.4	19.9	18.0	18.2	18.4	18.7	19.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.6 / - 7.7					+ 2.7 / - 8.5				
1.5H	+ 3.2 / - 5.4					+ 3.4 / - 5.8				
2.0H	+ 5.1 / -11.6					+ 5.3 / -13.1				

CIE Pub.117, 779.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
Area: 0.00145146 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:18 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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

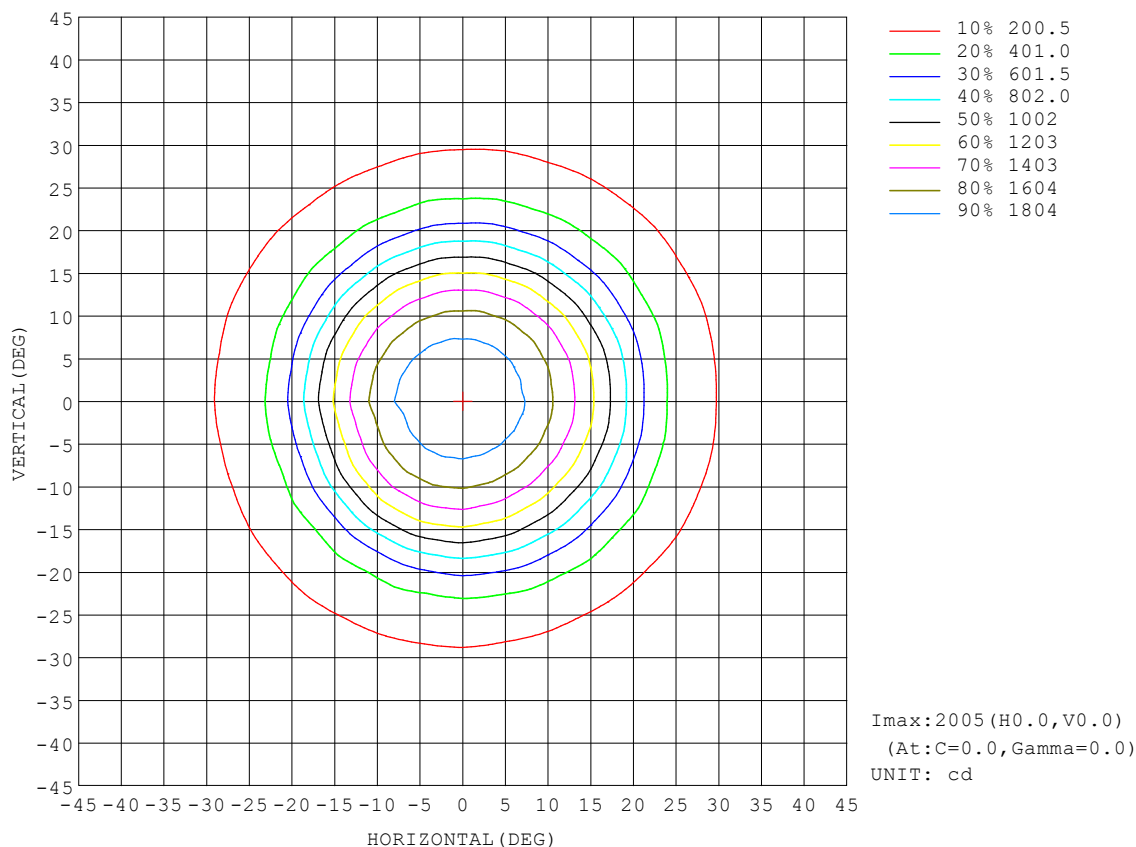
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	85	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: 18 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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

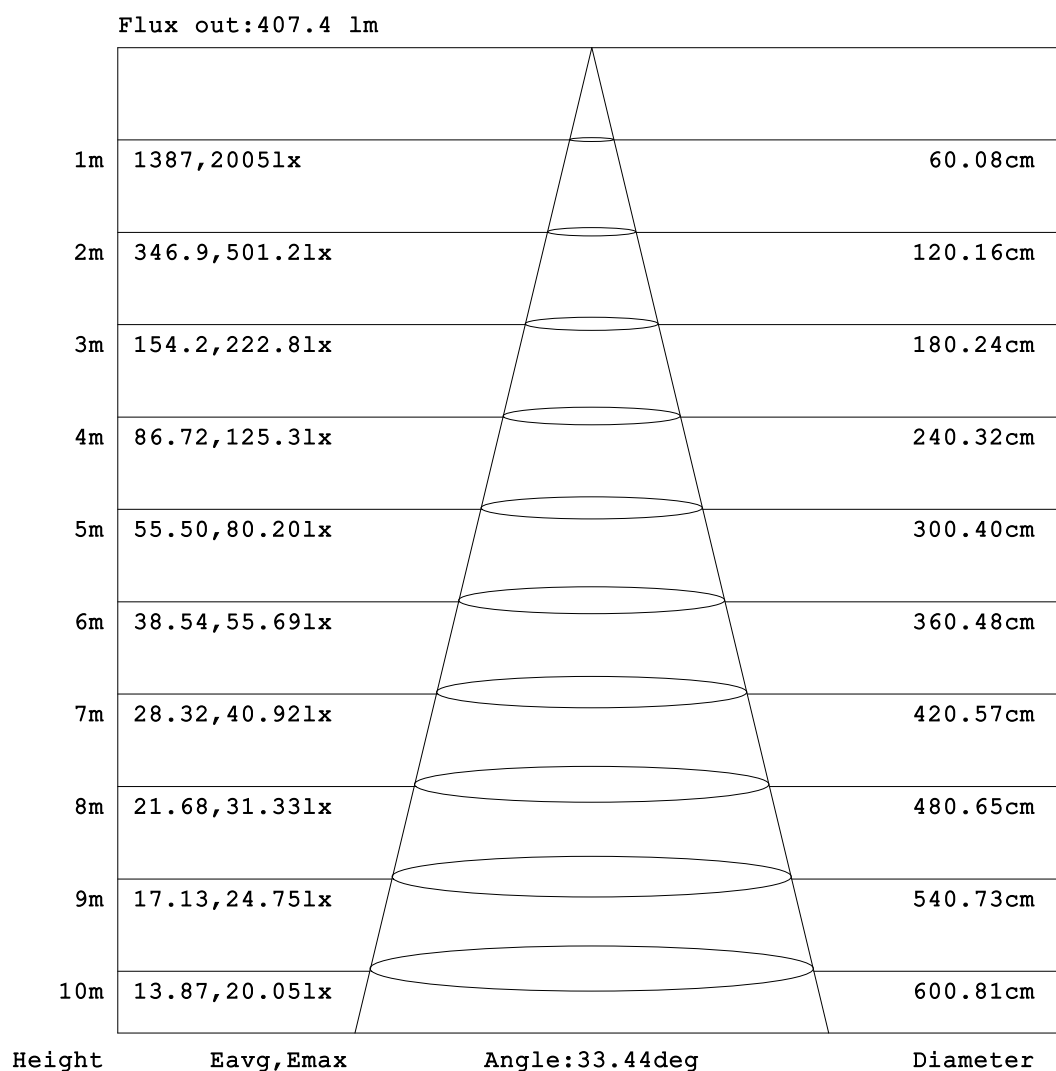


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:18 July 2025

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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	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℃

Operators:CAM

Test Date:18 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

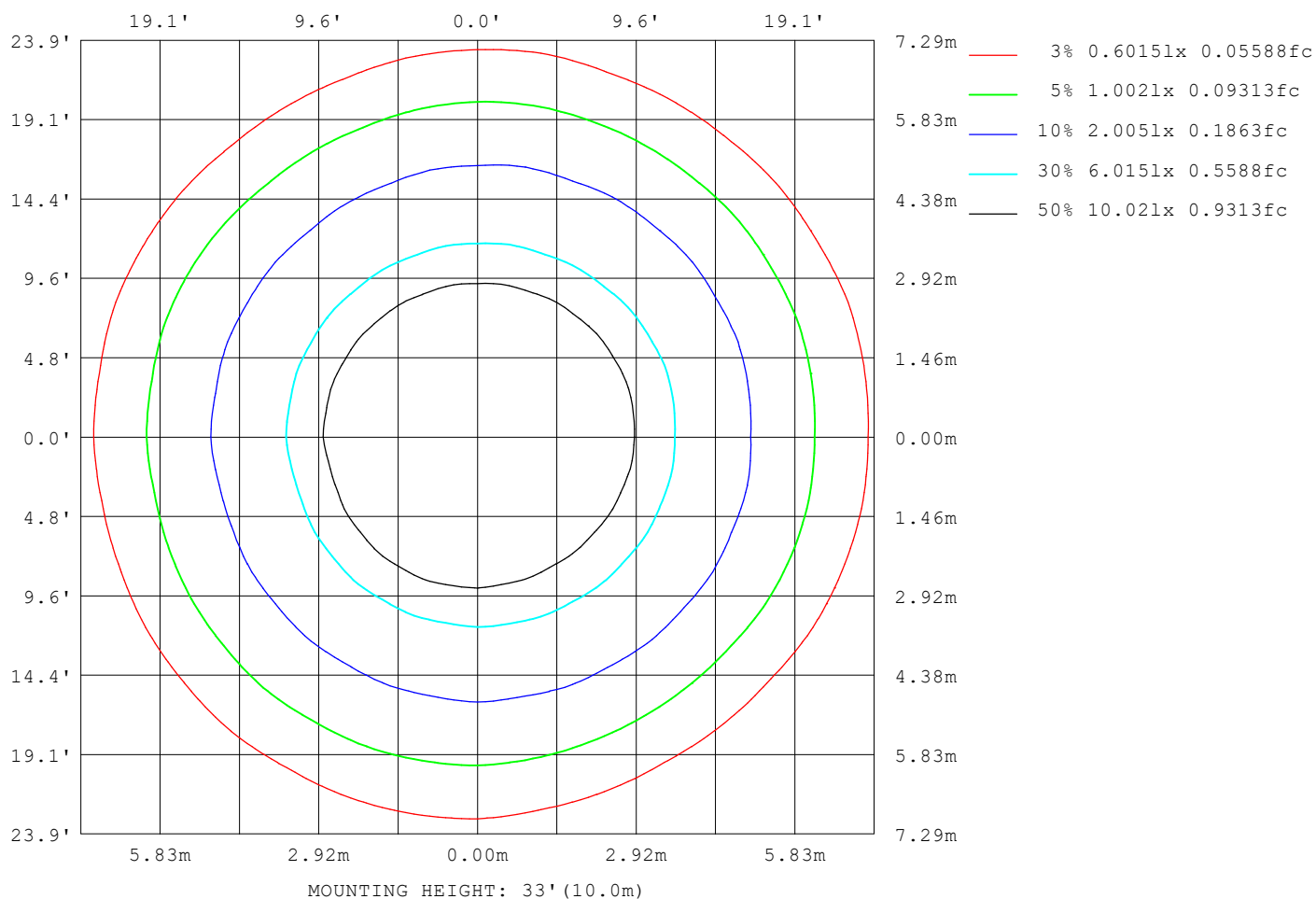
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	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:18 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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

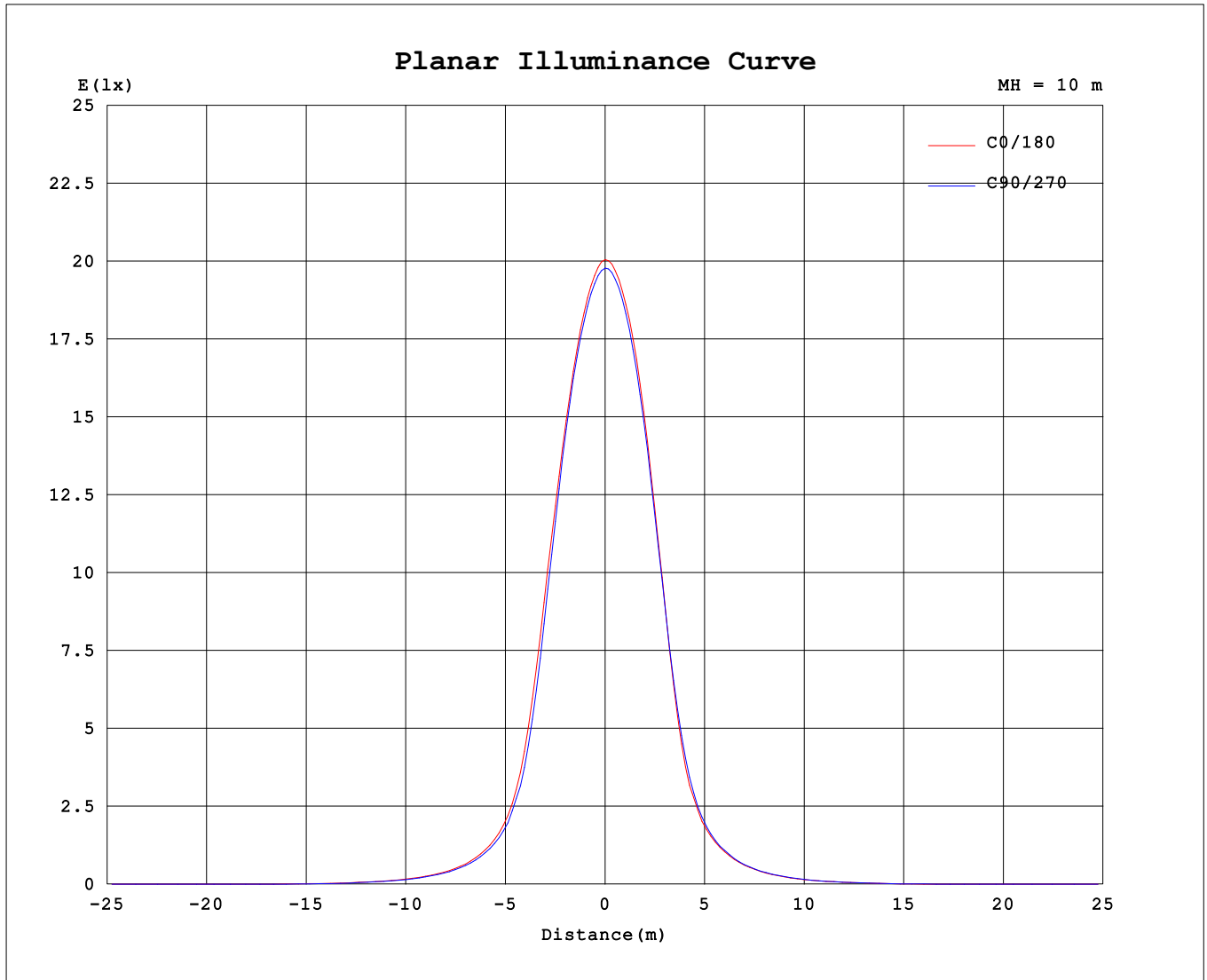
AvgL	cd/m2
L_0~180 (65) av	1434
L_0~180 (75) av	23
L_0~180 (85) av	0
L_90~270 (65) av	1355
L_90~270 (75) av	15
L_90~270 (85) av	0
L_45 (65) av	1299
L_45 (75) av	12
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:18 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: 18 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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm																		
NAME:									TYPE: 4000K					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	2005	2000	1995	1992	1988	1986	1983	1981	1979	1978	1976	1975	1974	1973	1972	1972	1971	1971	2005
5	1904	1901	1890	1888	1878	1880	1873	1876	1871	1876	1872	1876	1874	1879	1876	1881	1879	1884	1925
10	1644	1640	1621	1621	1605	1609	1598	1606	1602	1618	1617	1631	1629	1643	1636	1642	1633	1639	1681
15	1238	1233	1202	1195	1167	1167	1149	1160	1153	1174	1170	1191	1182	1196	1178	1185	1166	1177	1221
20	718	719	696	693	667	665	644	648	631	639	622	630	617	629	611	618	603	617	650
25	347	357	339	348	325	331	311	320	304	316	300	302	297	302	296	300	295	300	321
30	194	195	190	187	178	175	172	172	174	178	176	178	176	180	177	178	177	177	183
35	119	120	117	114	108	106	103	105	106	110	110	111	110	112	111	111	109	109	112
40	75.7	75.9	74.2	72.3	68.9	67.5	65.8	66.6	67.4	69.9	70.2	70.4	69.9	71.4	70.4	70.5	69.3	69.4	70.8
45	47.9	48.1	47.0	45.9	43.8	42.9	41.6	41.9	42.1	43.4	43.4	43.8	43.2	43.9	43.3	43.3	42.4	42.3	43.2
50	29.2	29.3	28.6	28.2	27.1	26.5	25.7	25.7	25.6	26.4	26.4	27.0	26.7	27.2	26.7	27.0	26.4	26.2	26.6
55	13.2	13.3	12.8	12.7	11.9	11.5	10.7	10.5	10.1	10.5	10.4	11.0	10.9	11.3	11.1	11.4	11.0	10.8	11.4
60	4.75	4.78	4.63	4.60	4.32	3.95	3.72	3.64	3.52	3.61	3.72	4.15	4.16	4.30	4.21	4.33	4.14	3.86	4.01
65	1.02	1.02	0.93	0.90	0.79	0.75	0.55	0.51	0.41	0.56	0.49	0.53	0.48	0.55	0.50	0.59	0.55	0.63	0.74
70	0.07	0.01	0.06	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.05	0.00	0.04	0.00	0.05	0.00	0.00
75	0.02	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	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	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.02	0.00
110	0.00	0.05	0.00	0.05	0.00	0.05	0.00	0.06	0.00	0.05	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.06	0.03
115	0.06	0.11	0.06	0.12	0.06	0.12	0.05	0.11	0.06	0.12	0.06	0.12	0.07	0.13	0.07	0.12	0.07	0.13	0.07
120	0.16	0.22	0.16	0.21	0.16	0.21	0.16	0.22	0.17	0.22	0.17	0.23	0.18	0.23	0.18	0.23	0.18	0.24	0.16
125	0.34	0.38	0.32	0.38	0.33	0.38	0.33	0.39	0.34	0.39	0.36	0.42	0.36	0.41	0.36	0.43	0.37	0.43	0.29
130	0.64	0.68	0.63	0.67	0.63	0.68	0.65	0.69	0.67	0.71	0.69	0.74	0.72	0.72	0.70	0.75	0.71	0.75	0.53
135	1.14	1.16	1.12	1.15	1.12	1.16	1.14	1.17	1.16	1.20	1.21	1.21	1.19	1.23	1.20	1.24	1.23	1.26	0.91
140	1.77	1.80	1.76	1.79	1.77	1.80	1.77	1.80	1.79	1.83	1.82	1.85	1.83	1.86	1.85	1.87	1.85	1.87	1.48
145	2.51	2.53	2.51	2.52	2.50	2.53	2.51	2.53	2.54	2.62	2.57	2.59	2.57	2.68	2.59	2.61	2.58	2.60	2.14
150	3.33	3.31	3.25	3.30	3.31	3.35	3.28	3.30	3.33	3.43	3.38	3.34	3.32	3.47	3.46	3.36	3.32	3.39	2.96
155	3.98	3.97	3.89	3.96	3.92	3.99	3.89	3.94	4.00	4.04	4.02	3.98	3.93	4.09	4.05	4.08	3.95	4.03	3.66
160	4.28	4.33	4.26	4.31	4.24	4.31	4.28	4.33	4.29	4.35	4.30	4.37	4.31	4.36	4.35	4.36	4.32	4.38	4.04
165	4.37	4.37	4.35	4.34	4.33	4.33	4.35	4.33	4.35	4.33	4.36	4.34	4.37	4.36	4.37	4.38	4.39	4.40	4.18
170	4.31	4.24	4.27	4.20	4.25	4.20	4.25	4.18	4.23	4.16	4.22	4.17	4.25	4.22	4.31	4.25	4.31	4.26	4.13
175	4.14	4.10	4.13	4.09	4.13	4.11	4.13	4.08	4.10	4.06	4.09	4.05	4.11	4.09	4.17	4.12	4.16	4.08	4.11
180	4.10	4.10	4.09	4.09	4.11	4.11	4.10	4.08	4.07	4.06	4.06	4.05	4.06	4.06	4.09	4.05	4.03	4.02	4.11

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:18 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:240.31V I:0.0771A P:9.9511W PF:0.5368 Freq:50.00Hz Lamp Flux:779.842x1 lm																	
NAME:									TYPE: 4000K						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	2000	1995	1992	1988	1986	1983	1981	1979	1978	1976	1975	1974	1973	1972	1972	1971	1971		
5	1919	1919	1912	1912	1906	1907	1902	1904	1899	1901	1896	1898	1891	1894	1887	1889	1882		
10	1669	1672	1660	1663	1652	1656	1647	1654	1646	1656	1650	1660	1654	1662	1652	1655	1642		
15	1208	1220	1206	1216	1201	1211	1198	1214	1204	1219	1214	1237	1233	1253	1246	1258	1245		
20	640	656	649	660	647	662	658	678	676	694	688	709	708	734	732	749	734		
25	310	325	313	327	313	330	322	343	337	355	345	362	354	373	360	375	356		
30	181	186	183	183	178	181	181	188	189	194	191	195	195	200	198	202	198		
35	112	115	113	113	110	110	111	114	116	118	116	117	118	121	121	124	122		
40	70.5	72.1	71.3	71.1	69.5	69.9	69.9	72.1	72.9	74.0	72.5	73.3	73.8	75.7	75.9	78.0	77.2		
45	42.6	43.4	42.9	43.2	42.5	43.0	43.0	44.4	44.7	45.7	44.8	45.6	45.7	47.1	47.3	49.0	48.8		
50	26.0	26.4	26.2	26.4	26.3	26.6	26.6	27.1	27.1	27.3	26.9	27.2	27.1	27.9	28.2	29.3	29.5		
55	11.0	11.3	11.2	11.7	11.9	12.4	12.4	12.9	12.7	13.0	12.5	12.7	12.5	12.9	13.0	13.6	13.7		
60	3.88	3.94	3.94	4.16	4.53	4.72	4.69	4.82	4.73	4.75	4.30	4.29	4.16	4.28	4.32	4.54	4.83		
65	0.62	0.70	0.75	0.90	0.91	0.99	1.00	1.09	1.10	1.16	1.14	1.08	0.96	1.02	1.03	1.18	1.17		
70	0.05	0.00	0.05	0.00	0.06	0.00	0.05	0.00	0.05	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.07		
75	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	0.02		
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	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00		
115	0.02	0.07	0.01	0.06	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.07	0.01	0.06	0.00		
120	0.09	0.15	0.08	0.14	0.07	0.14	0.08	0.13	0.08	0.15	0.10	0.15	0.08	0.14	0.08	0.14	0.08		
125	0.22	0.28	0.21	0.26	0.20	0.26	0.20	0.25	0.21	0.26	0.22	0.26	0.20	0.25	0.21	0.26	0.20		
130	0.47	0.51	0.44	0.49	0.43	0.48	0.44	0.51	0.47	0.52	0.46	0.49	0.41	0.46	0.41	0.46	0.41		
135	0.87	0.89	0.83	0.87	0.81	0.85	0.80	0.89	0.84	0.88	0.80	0.81	0.78	0.81	0.78	0.85	0.80		
140	1.43	1.43	1.40	1.42	1.36	1.39	1.35	1.37	1.36	1.39	1.32	1.36	1.34	1.36	1.33	1.36	1.33		
145	2.10	2.10	2.06	2.07	2.05	2.05	2.01	2.03	2.12	2.04	1.98	2.00	1.99	2.01	1.97	2.00	1.98		
150	2.87	2.84	2.81	2.88	2.84	2.84	2.74	2.77	2.78	2.79	2.69	2.70	2.74	2.82	2.68	2.70	2.73		
155	3.55	3.53	3.50	3.51	3.51	3.47	3.40	3.46	3.42	3.44	3.34	3.36	3.41	3.43	3.40	3.35	3.39		
160	3.97	4.00	3.92	3.96	3.90	3.95	3.88	3.92	3.89	3.88	3.81	3.85	3.78	3.85	3.76	3.82	3.78		
165	4.15	4.15	4.13	4.13	4.09	4.09	4.06	4.04	4.02	4.00	4.00	3.99	3.97	3.97	3.96	3.98	3.98		
170	4.17	4.12	4.14	4.10	4.10	4.03	4.05	3.99	4.01	3.96	4.00	3.96	3.98	3.94	3.98	3.94	4.00		
175	4.10	4.09	4.12	4.10	4.07	4.03	4.00	3.99	3.96	3.97	3.96	3.97	3.96	3.95	3.92	3.94	3.94		
180	4.09	4.09	4.10	4.10	4.09	4.09	4.03	4.03	4.02	4.03	4.02	4.04	4.04	4.04	4.00	4.00	3.98		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:18 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: