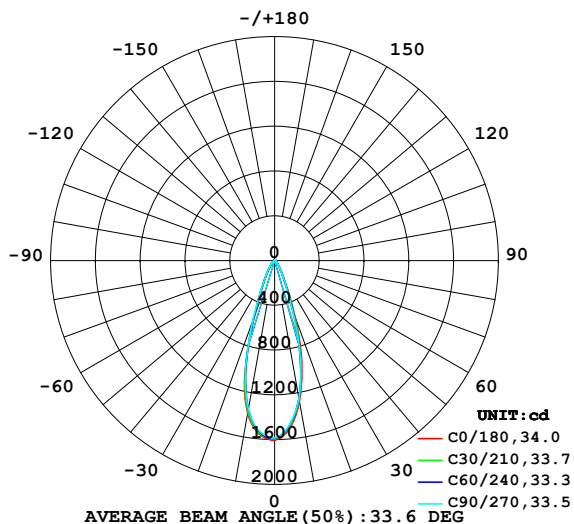


LUMINAIRE PHOTOMETRIC TEST REPORT

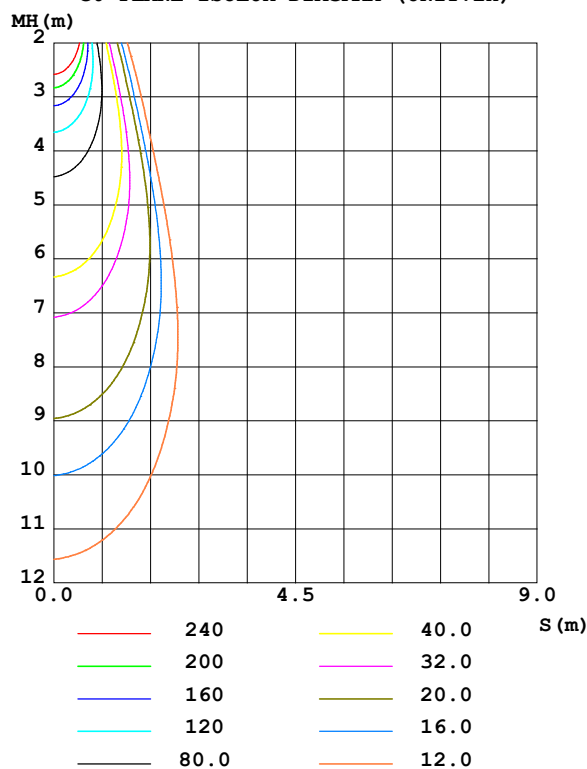
Test:U:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 60.90 lm/W
MODEL		I _{max} (cd)	1605	S/MH(C0/180)		0.53
NOMINAL POWER(W)	10.5W	LOR(%)	100.0	S/MH(C90/270)		0.55
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	620.08	η UP,DN(C0-180)		0.4,46.9
NOMINAL FLUX(lm)	620.08	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.3,52.3
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: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	1277	1256	1251	1288	1389	1358	1350	1348	0- 10	138.3	138.3	22.3,22.3
20	539.3	499.2	474.1	481.1	541.2	547.7	570.5	585.7	10- 20	255.5	393.7	63.5,63.5
30	134.2	131.5	126.2	128.3	163.1	150.2	162.7	169.5	20- 30	126.3	520.1	83.9,83.9
40	51.27	50.99	49.04	50.31	63.75	57.83	63.02	64.86	30- 40	57.38	577.5	93.1,93.1
50	20.69	20.04	19.01	20.05	23.25	21.85	23.11	23.13	40- 50	27.67	605.1	97.6,97.6
60	3.769	3.250	2.840	3.380	3.161	3.447	3.763	3.329	50- 60	9.287	614.4	99.1,99.1
70	0.0450	0.0197	0	0.0169	0	0.0141	0.0393	0.0225	60- 70	1.004	615.4	99.3,99.3
80	0	0	0	0	0	0	0	0	70- 80	0.0049	615.4	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	0	615.4	99.3,99.3
100	0	0	0	0	0	0	0	0	90-100	0	615.4	99.3,99.3
110	0	0.0197	0.0450	0.0253	0.0056	0.0028	0	0.0056	100-110	0.0030	615.4	99.3,99.3
120	0.1346	0.1461	0.1856	0.1683	0.1011	0.0646	0.0393	0.0703	110-120	0.0509	615.5	99.3,99.3
130	0.5221	0.5474	0.6015	0.5838	0.3767	0.3171	0.3141	0.3229	120-130	0.2221	615.7	99.3,99.3
140	1.431	1.488	1.539	1.496	1.141	1.024	0.9929	1.061	130-140	0.6257	616.3	99.4,99.4
150	2.655	2.734	2.819	2.782	2.325	2.189	2.138	2.210	140-150	1.141	617.5	99.6,99.6
160	3.408	3.450	3.492	3.487	3.200	3.079	3.071	3.049	150-160	1.344	618.8	99.8,99.8
170	3.419	3.349	3.307	3.400	3.279	3.245	3.189	3.161	160-170	0.9424	619.8	99.9,99.9
180	3.245	3.256	3.234	3.256	3.251	3.245	3.195	3.226	170-180	0.3104	620.1	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:17 July 2025

 γ Range: 0 - 180DEG

 γ Interval: 1.0DEG

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

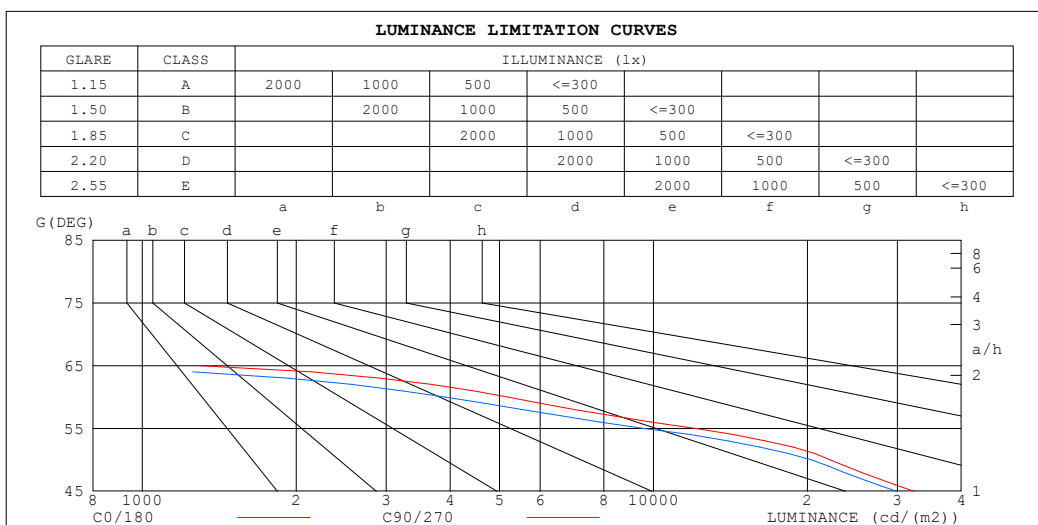
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:



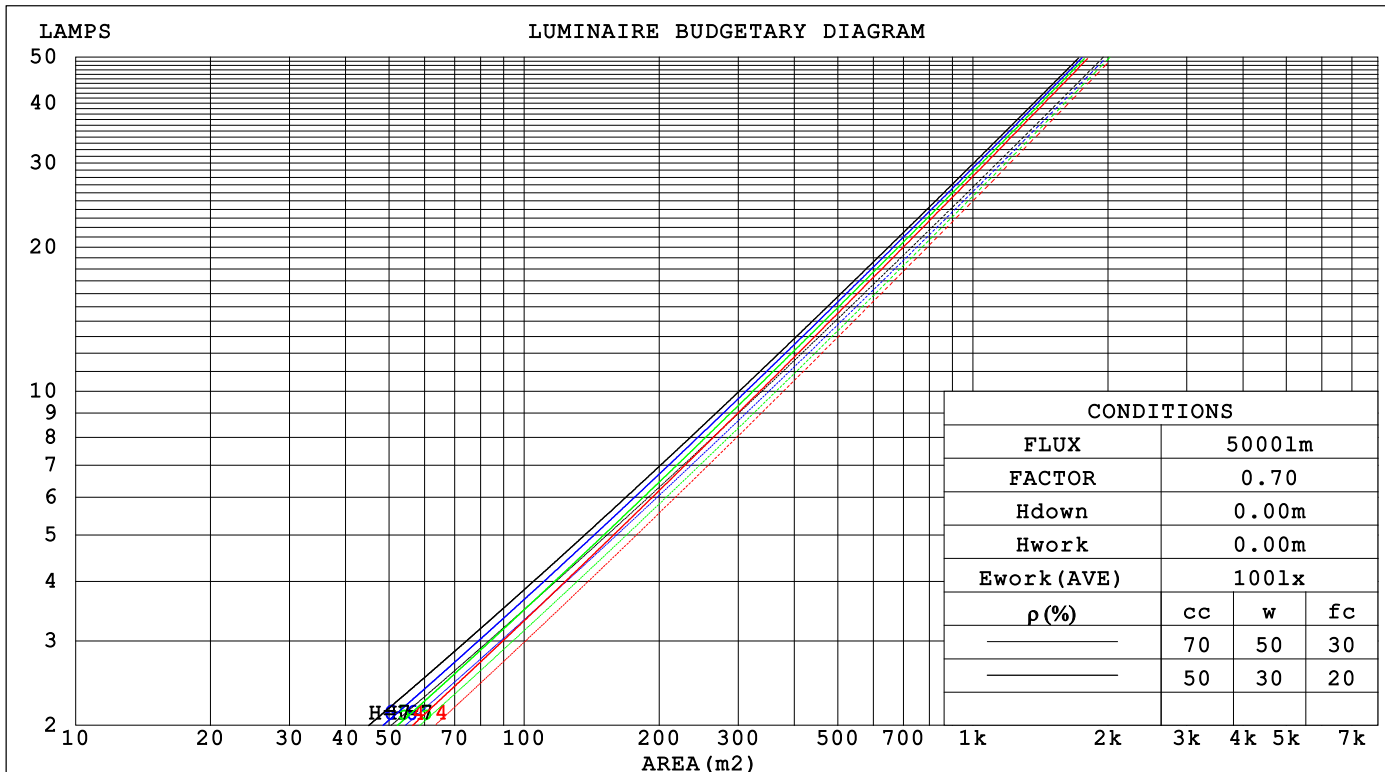
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 17 July 2025

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	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															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	1.09	1.08	1.06	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.94														
2.0	1.05	1.02	.99	1.03	1.00	.98	1.00	.98	.95	.97	.95	.93	.94	.93	.91	.90														
3.0	.90	.95	.92	.98	.94	.91	.95	.92	.90	.93	.90	.88	.91	.89	.87	.85														
4.0	.94	.90	.86	.93	.89	.86	.91	.87	.85	.89	.86	.83	.87	.85	.82	.81														
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.79	.77														
6.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74														
7.0	.82	.77	.73	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71														
8.0	.78	.73	.70	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.71	.69	.68														
9.0	.75	.70	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65														
10.0	.72	.68	.64	.72	.67	.64	.71	.67	.64	.70	.67	.64	.70	.66	.64	.63														



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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	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	.085	.027	.137	.078	.025	.125	.072	.023	.114	.066	.021		
2.0	.148	.081	.025	.142	.078	.024	.131	.073	.023	.121	.068	.021	.112	.064	.020		
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.117	.064	.020	.109	.061	.019		
4.0	.132	.069	.020	.128	.067	.020	.120	.064	.019	.113	.061	.018	.106	.058	.018		
5.0	.125	.064	.018	.122	.062	.018	.115	.060	.018	.109	.057	.017	.103	.055	.016		
6.0	.119	.060	.017	.116	.059	.017	.110	.056	.016	.105	.054	.016	.099	.052	.016		
7.0	.114	.056	.016	.111	.055	.016	.106	.053	.015	.101	.052	.015	.096	.050	.015		
8.0	.108	.053	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014	.093	.048	.014		
9.0	.104	.050	.014	.102	.049	.014	.097	.048	.014	.093	.047	.013	.090	.046	.013		
10.0	.099	.048	.013	.097	.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	.124	.103	.085	.085	.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	.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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm										
NAME:					TYPE: 2700K			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	18.7	19.5	18.9	19.6	19.8	18.4	19.2	18.6	19.3	19.5
3H	18.5	19.3	18.8	19.5	19.7	18.2	18.9	18.5	19.1	19.3
4H	18.4	19.1	18.7	19.4	19.6	18.1	18.8	18.4	19.0	19.3
6H	18.4	19.0	18.7	19.3	19.5	18.0	18.7	18.3	18.9	19.2
8H	18.3	18.9	18.6	19.2	19.5	18.0	18.6	18.3	18.9	19.1
12H	18.3	18.9	18.6	19.1	19.4	17.9	18.5	18.3	18.8	19.1
4H 2H	18.5	19.2	18.8	19.4	19.6	18.2	18.9	18.5	19.1	19.3
3H	18.3	18.9	18.6	19.2	19.5	18.0	18.6	18.3	18.9	19.2
4H	18.2	18.8	18.6	19.1	19.4	17.9	18.4	18.3	18.8	19.1
6H	18.1	18.6	18.5	18.9	19.3	17.8	18.3	18.2	18.6	19.0
8H	18.1	18.5	18.5	18.9	19.2	17.7	18.2	18.1	18.6	18.9
12H	18.0	18.4	18.4	18.8	19.2	17.7	18.1	18.1	18.5	18.9
8H 4H	18.1	18.5	18.5	18.9	19.2	17.7	18.2	18.1	18.6	18.9
6H	17.9	18.3	18.4	18.7	19.1	17.6	18.0	18.1	18.4	18.8
8H	17.9	18.2	18.3	18.6	19.1	17.6	17.9	18.0	18.3	18.8
12H	17.8	18.1	18.3	18.6	19.0	17.5	17.8	18.0	18.2	18.7
12H 4H	18.0	18.4	18.4	18.8	19.2	17.7	18.1	18.1	18.5	18.9
6H	17.9	18.2	18.3	18.6	19.1	17.6	17.9	18.0	18.3	18.8
8H	17.8	18.1	18.3	18.6	19.0	17.5	17.8	18.0	18.2	18.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.4 / - 6.9					+ 2.4 / - 8.2				
1.5H	+ 2.9 / - 4.8					+ 3.0 / - 5.5				
2.0H	+ 4.8 / -11.1					+ 4.9 / -13.0				

CIE Pub.117, 620.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.7)
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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

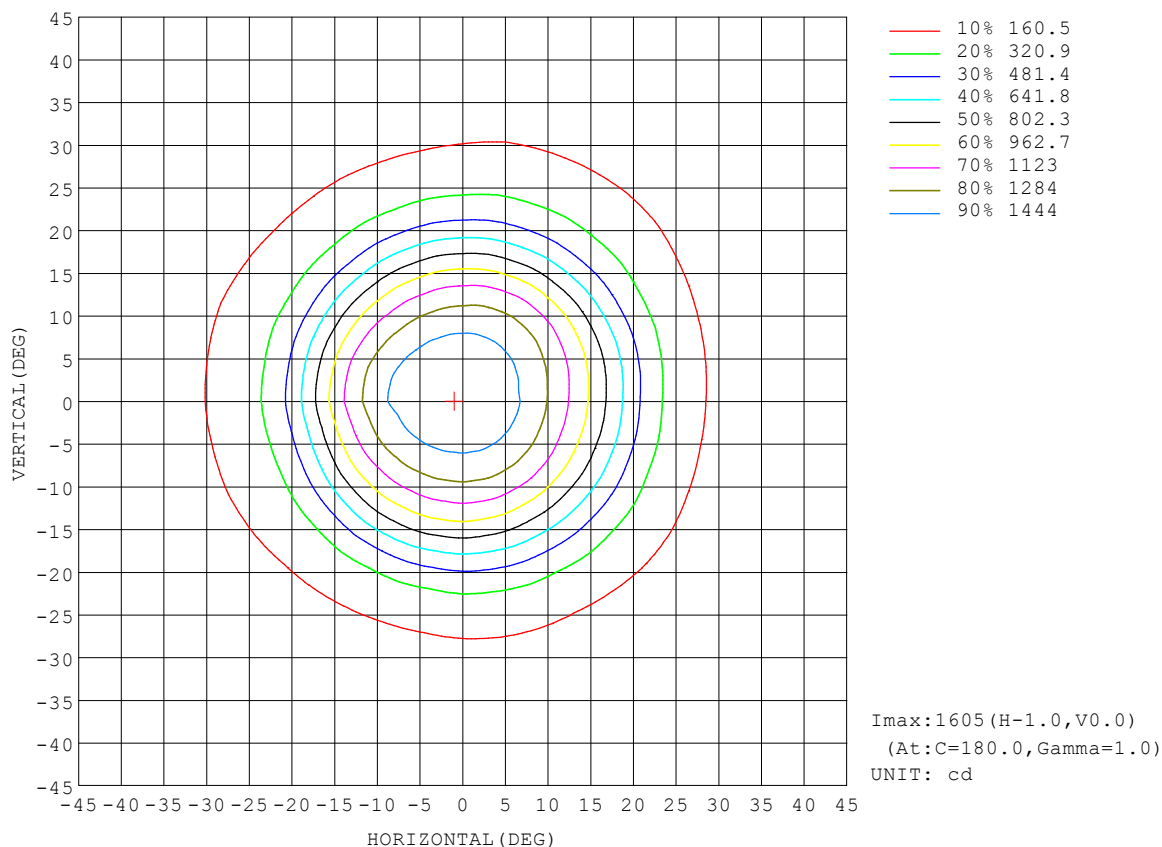
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	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	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: 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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

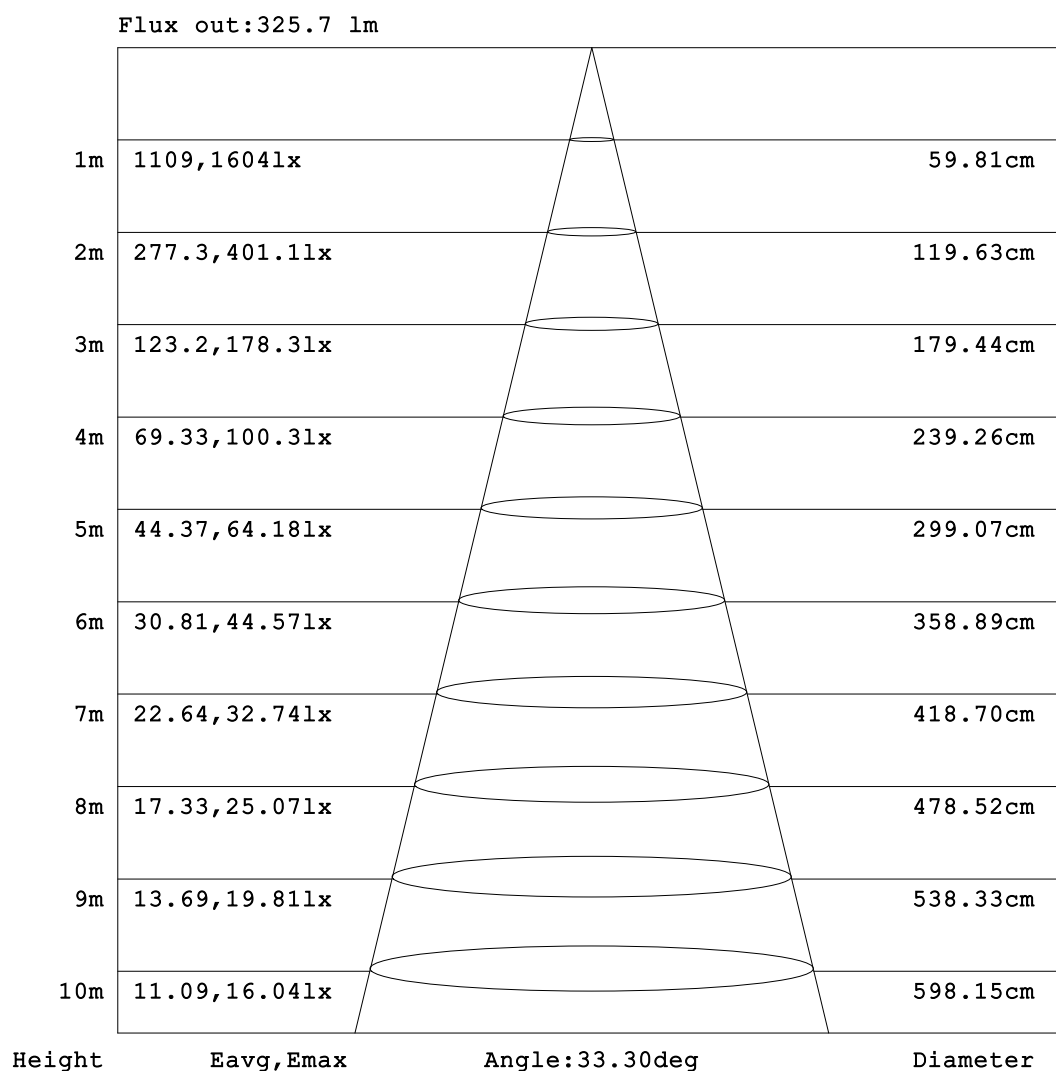


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:17 July 2025

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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	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

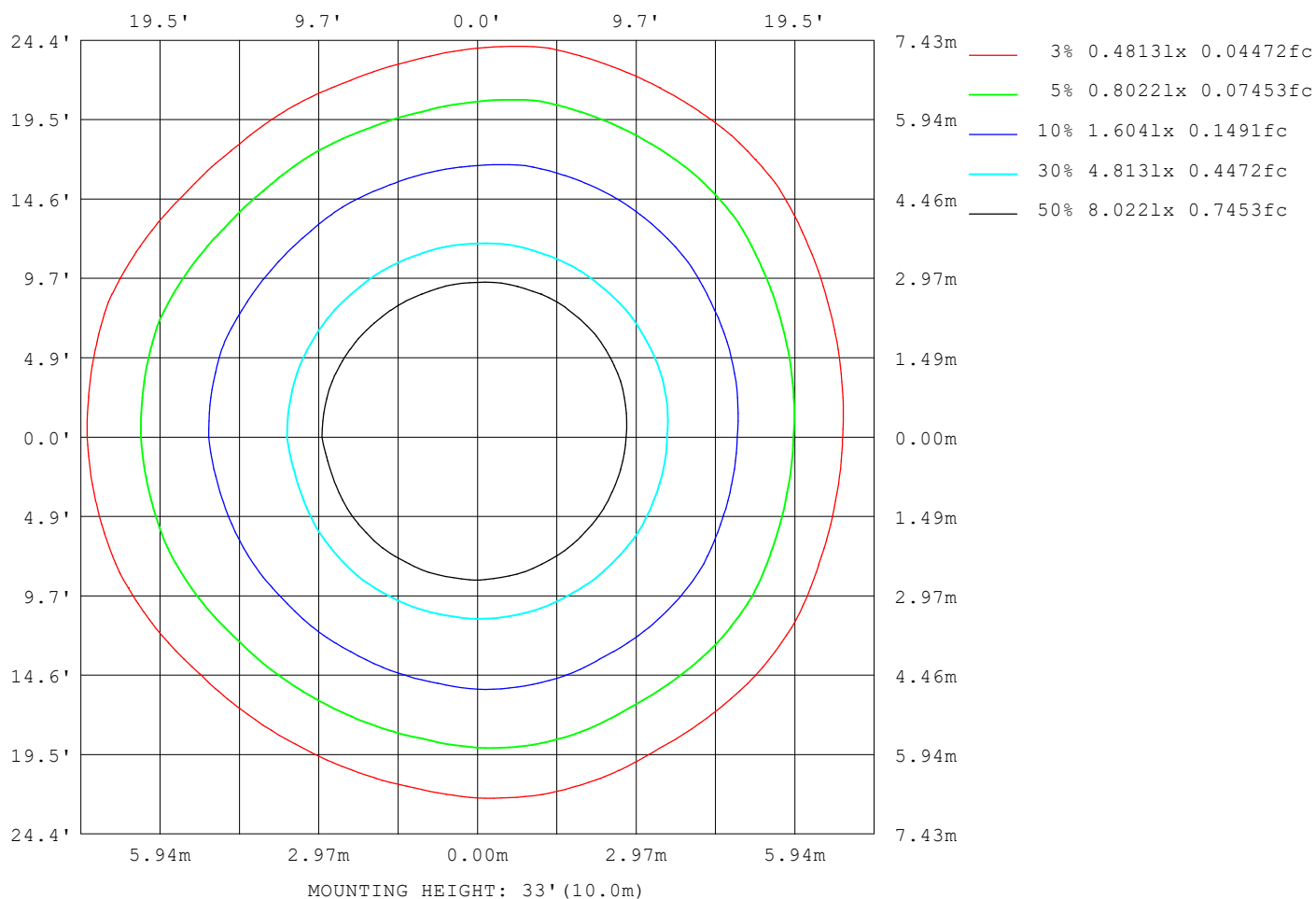
Humidity: 65.0%

Test Distance: 8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D43mm	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	1090
L_0~180 (75) av	15
L_0~180 (85) av	0
L_90~270 (65) av	1031
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	1005
L_45 (75) av	4
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

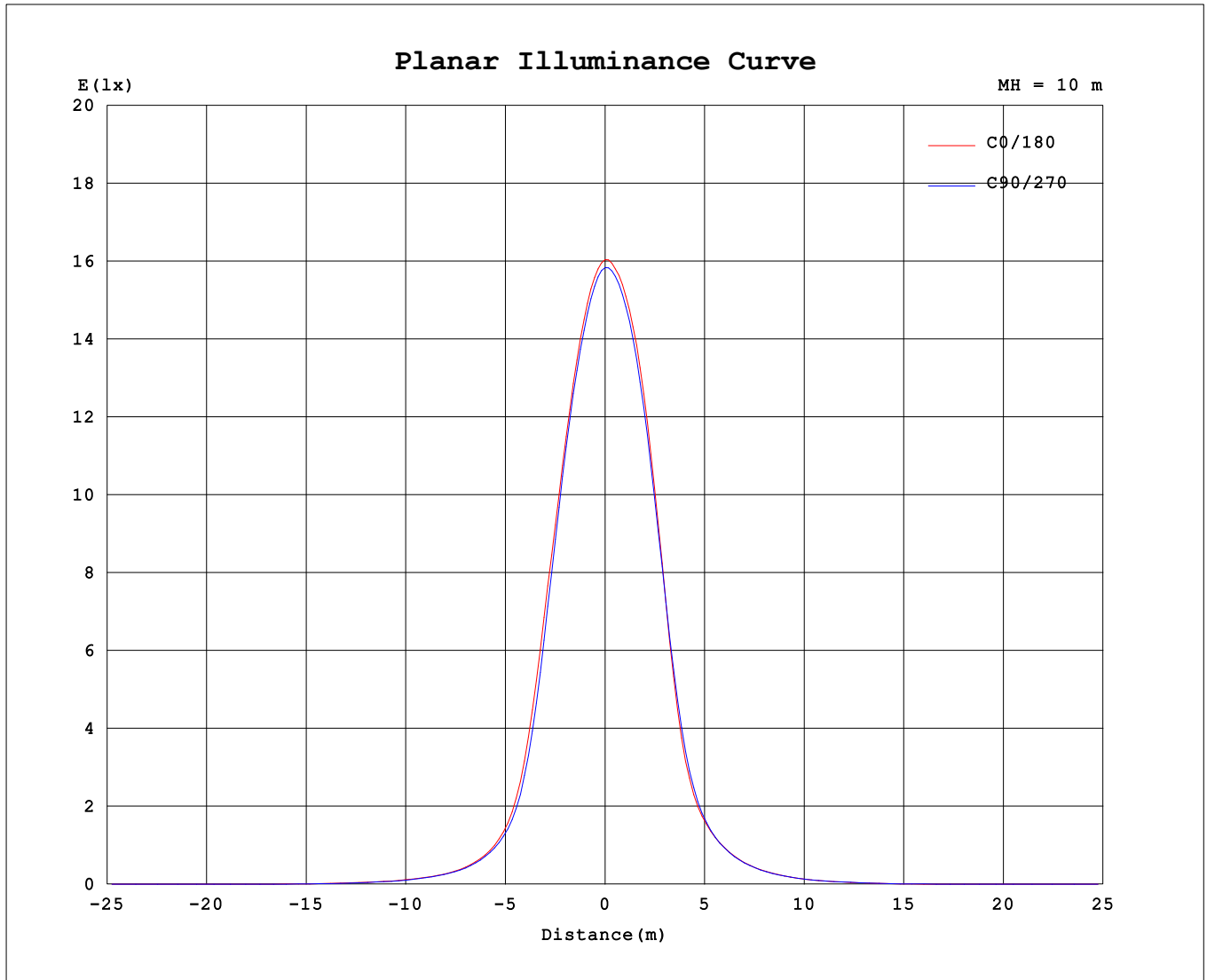
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm		
NAME:	TYPE: 2700K	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	1604	1600	1596	1593	1590	1589	1587	1586	1584	1584	1583	1582	1582	1581	1581	1581	1580	1580	1604
5	1509	1504	1497	1495	1490	1489	1485	1485	1481	1483	1481	1486	1488	1496	1500	1509	1516	1524	1558
10	1277	1267	1258	1260	1256	1257	1251	1254	1248	1251	1249	1258	1264	1281	1295	1318	1334	1351	1389
15	939	927	912	907	895	892	883	886	881	889	887	897	900	918	927	945	955	977	1025
20	539	532	521	517	503	496	483	483	475	474	463	467	468	481	482	492	493	506	541
25	251	247	245	248	242	236	228	230	227	224	214	214	215	221	226	237	245	254	269
30	134	132	132	136	134	129	126	129	129	126	121	120	121	126	131	141	151	156	163
35	80.2	79.1	79.5	82.0	81.2	78.6	76.8	78.4	78.7	77.0	73.9	73.4	74.1	76.5	80.3	88.0	95.1	98.5	102
40	51.3	50.7	50.7	51.8	51.6	50.4	49.2	50.0	49.9	49.0	47.5	47.3	47.6	49.2	51.4	55.8	59.9	61.8	63.8
45	33.2	33.0	32.8	33.0	32.7	32.0	31.2	31.3	31.0	30.6	30.0	30.1	30.2	31.0	32.1	34.2	36.1	37.0	38.3
50	20.7	20.5	20.4	20.5	20.2	19.8	19.4	19.2	19.0	19.0	18.8	19.1	19.2	19.8	20.3	21.4	22.1	22.5	23.2
55	10.1	10.1	9.74	9.64	9.18	8.74	8.23	8.06	7.82	7.99	7.97	8.39	8.40	8.68	8.71	8.98	8.88	8.77	9.33
60	3.77	3.77	3.67	3.62	3.41	3.09	2.92	2.85	2.78	2.84	2.94	3.28	3.31	3.39	3.37	3.41	3.30	3.03	3.16
65	0.80	0.78	0.73	0.68	0.62	0.54	0.44	0.34	0.33	0.37	0.36	0.36	0.36	0.39	0.41	0.43	0.44	0.47	0.54
70	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	0.00	0.03	0.00	0.03	0.00	0.00
75	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00
110	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.05	0.00	0.03	0.00	0.04	0.01
115	0.05	0.10	0.04	0.10	0.04	0.10	0.03	0.09	0.04	0.10	0.04	0.11	0.06	0.11	0.04	0.10	0.04	0.08	0.04
120	0.13	0.19	0.13	0.18	0.12	0.17	0.12	0.17	0.12	0.19	0.13	0.20	0.14	0.20	0.13	0.18	0.12	0.17	0.10
125	0.26	0.33	0.26	0.32	0.26	0.32	0.27	0.33	0.27	0.34	0.30	0.35	0.30	0.35	0.27	0.33	0.27	0.31	0.20
130	0.52	0.58	0.52	0.57	0.52	0.57	0.53	0.58	0.56	0.60	0.57	0.63	0.58	0.62	0.55	0.60	0.53	0.58	0.38
135	0.92	0.97	0.93	0.98	0.93	0.99	0.94	0.99	0.96	1.03	0.99	1.01	0.96	1.02	0.95	1.00	0.94	0.98	0.69
140	1.43	1.49	1.45	1.51	1.46	1.52	1.48	1.53	1.49	1.54	1.49	1.54	1.48	1.52	1.47	1.51	1.45	1.49	1.14
145	2.01	2.06	2.02	2.09	2.05	2.11	2.07	2.12	2.09	2.19	2.08	2.12	2.06	2.17	2.05	2.10	2.03	2.07	1.67
150	2.65	2.68	2.62	2.70	2.69	2.77	2.68	2.74	2.72	2.82	2.74	2.71	2.66	2.80	2.76	2.69	2.63	2.70	2.33
155	3.17	3.20	3.13	3.22	3.18	3.26	3.16	3.22	3.24	3.28	3.24	3.21	3.15	3.28	3.24	3.27	3.14	3.22	2.90
160	3.41	3.47	3.41	3.47	3.42	3.48	3.44	3.49	3.46	3.49	3.45	3.49	3.44	3.49	3.48	3.50	3.45	3.50	3.20
165	3.47	3.46	3.46	3.45	3.46	3.46	3.49	3.46	3.49	3.46	3.49	3.46	3.49	3.48	3.49	3.50	3.51	3.51	3.32
170	3.42	3.36	3.39	3.32	3.37	3.32	3.38	3.31	3.36	3.31	3.37	3.32	3.40	3.37	3.43	3.40	3.46	3.41	3.28
175	3.27	3.25	3.26	3.22	3.26	3.26	3.28	3.23	3.26	3.23	3.26	3.23	3.29	3.26	3.35	3.30	3.34	3.26	3.25
180	3.25	3.25	3.22	3.22	3.26	3.26	3.26	3.23	3.23	3.23	3.24	3.23	3.25	3.25	3.27	3.23	3.23	3.21	3.25

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:240.24V I:0.0786A P:10.182W PF:0.5394 Freq:50.00Hz Lamp Flux:620.08x1 lm																	
NAME:									TYPE: 2700K						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	1600	1596	1593	1590	1589	1587	1586	1584	1584	1583	1582	1582	1581	1581	1581	1580	1580		
5	1556	1555	1550	1547	1541	1539	1534	1534	1532	1532	1528	1526	1521	1518	1511	1507	1500		
10	1388	1387	1373	1363	1353	1351	1346	1350	1350	1360	1359	1359	1352	1344	1324	1309	1288		
15	1024	1025	1014	1007	996	997	992	1003	1005	1017	1019	1029	1021	1016	998	982	960		
20	544	552	548	550	545	554	554	566	570	583	580	587	583	588	580	577	563		
25	271	274	267	264	263	270	271	279	286	298	298	301	297	295	284	277	265		
30	165	166	159	151	149	151	151	155	163	172	173	172	172	167	156	147	140		
35	103	104	98.9	92.7	90.3	91.3	91.1	94.0	100	107	106	105	106	103	94.4	87.9	83.4		
40	64.2	65.2	62.0	58.6	57.1	57.4	57.4	59.3	63.0	66.5	65.6	65.4	65.7	64.0	59.2	55.5	53.0		
45	38.2	38.6	37.1	35.8	35.1	35.4	35.4	36.8	38.5	40.3	39.9	40.0	39.9	39.2	37.0	35.4	34.2		
50	23.0	23.0	22.4	21.9	21.7	21.9	21.9	22.5	23.1	23.7	23.5	23.5	23.3	23.0	22.1	21.6	21.2		
55	9.10	9.20	9.25	9.46	9.69	10.0	10.1	10.4	10.5	10.6	10.3	10.4	10.2	10.3	10.3	10.5	10.6		
60	3.09	3.10	3.14	3.28	3.62	3.75	3.75	3.81	3.76	3.74	3.41	3.36	3.30	3.36	3.44	3.57	3.85		
65	0.50	0.51	0.62	0.72	0.74	0.80	0.82	0.88	0.89	0.92	0.90	0.81	0.75	0.76	0.81	0.92	0.93		
70	0.04	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		
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	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00		
115	0.00	0.04	0.00	0.05	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.05	0.00	0.04	0.00	0.06	0.00		
120	0.04	0.10	0.04	0.09	0.04	0.10	0.04	0.10	0.04	0.10	0.04	0.10	0.04	0.10	0.06	0.11	0.06		
125	0.13	0.19	0.13	0.19	0.13	0.18	0.12	0.18	0.12	0.19	0.13	0.20	0.14	0.19	0.15	0.21	0.16		
130	0.31	0.37	0.30	0.35	0.29	0.34	0.30	0.37	0.31	0.38	0.31	0.37	0.29	0.36	0.31	0.38	0.33		
135	0.62	0.66	0.59	0.64	0.58	0.63	0.56	0.67	0.61	0.66	0.58	0.63	0.59	0.65	0.61	0.69	0.65		
140	1.05	1.08	1.02	1.06	0.99	1.04	0.98	1.03	0.99	1.07	0.99	1.06	1.03	1.09	1.05	1.11	1.07		
145	1.59	1.61	1.55	1.59	1.52	1.56	1.51	1.56	1.60	1.59	1.53	1.59	1.56	1.62	1.57	1.64	1.59		
150	2.22	2.19	2.14	2.22	2.16	2.18	2.08	2.15	2.14	2.20	2.09	2.16	2.17	2.25	2.13	2.19	2.19		
155	2.77	2.76	2.70	2.72	2.71	2.68	2.63	2.71	2.67	2.72	2.63	2.69	2.72	2.76	2.70	2.71	2.71		
160	3.12	3.16	3.07	3.12	3.04	3.09	3.03	3.09	3.07	3.08	3.03	3.08	3.01	3.08	3.01	3.07	3.03		
165	3.28	3.28	3.27	3.27	3.22	3.22	3.21	3.21	3.18	3.18	3.18	3.18	3.18	3.18	3.17	3.18	3.18		
170	3.30	3.26	3.28	3.25	3.24	3.21	3.21	3.18	3.19	3.17	3.18	3.17	3.17	3.15	3.18	3.15	3.19		
175	3.26	3.23	3.27	3.25	3.23	3.21	3.19	3.19	3.17	3.17	3.17	3.18	3.17	3.16	3.14	3.16	3.16		
180	3.23	3.23	3.25	3.25	3.24	3.25	3.19	3.20	3.19	3.20	3.19	3.21	3.22	3.23	3.19	3.19	3.17		

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: