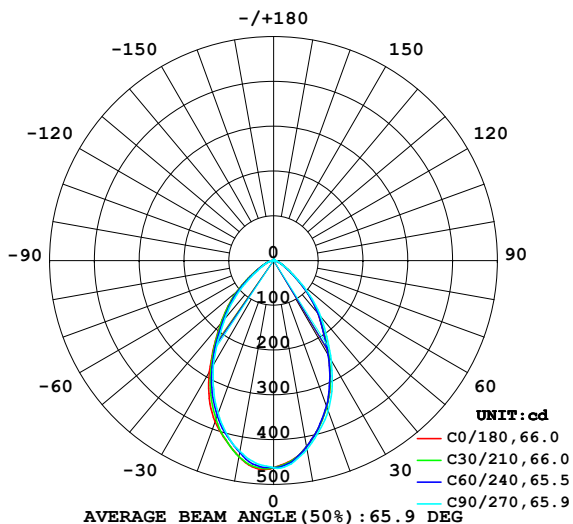


LUMINAIRE PHOTOMETRIC TEST REPORT

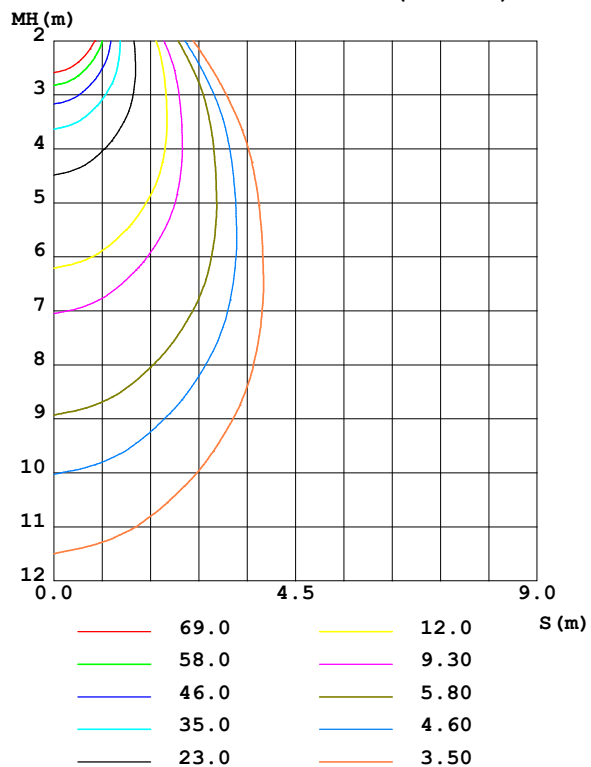
Test:U:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.92 lm/W			
MODEL		I _{max} (cd)	467.3	S/MH(C0/180)	1.01
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.95
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	622.66	η UP,DN(C0-180)	0.4,48.6
NOMINAL FLUX(lm)	622.66	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,50.7
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	240	η down(%)	99.3	CIBSE SHR MAX	1.00

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:02 September 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:

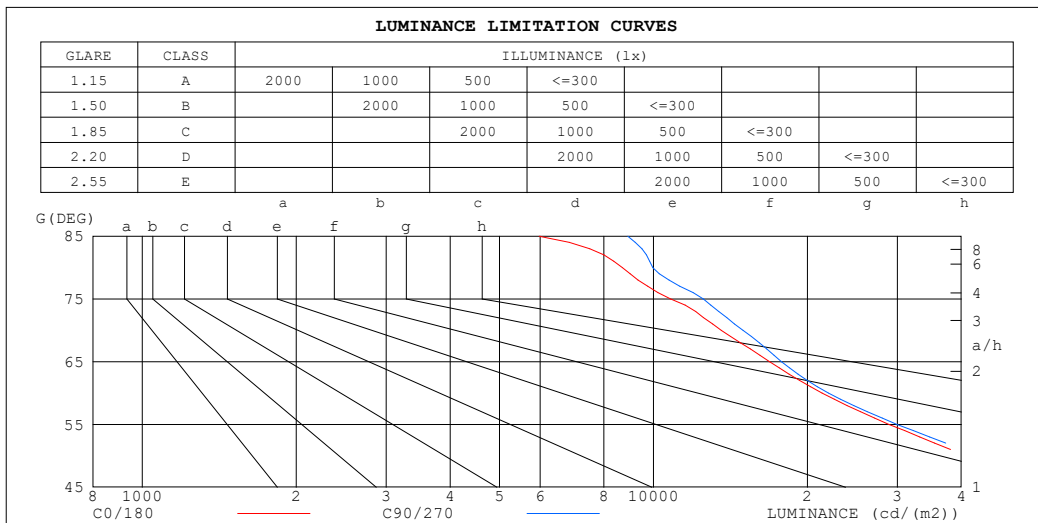
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	422.5	422.3	427.9	435.5	444.6	440.8	432.8	427.2	0- 10	42.70	42.70	6.86,6.86
20	346.8	345.8	356.8	370.9	382.6	372.1	363.2	356.1	10- 20	111.9	154.6	24.8,24.8
30	245.9	243.8	257.3	275.6	287.4	277.3	268.7	257.6	20- 30	144.5	299.0	48,48
40	153.7	155.4	163.9	173.2	183.6	179.0	169.5	158.8	30- 40	132.6	431.6	69.3,69.3
50	76.89	76.40	81.52	92.36	105.7	102.5	89.68	80.59	40- 50	97.93	529.6	85.1,85.1
60	31.30	30.76	32.23	35.67	43.56	42.05	35.22	31.47	50- 60	51.35	580.9	93.3,93.3
70	13.60	13.63	15.01	16.82	18.82	18.28	16.25	14.67	60- 70	23.89	604.8	97.1,97.1
80	4.426	4.540	5.072	5.947	6.871	6.596	5.507	4.852	70- 80	10.80	615.6	98.9,98.9
90	0.0337	0.0310	0.0283	0.0311	0.3746	0.0028	0.0114	0.0085	80- 90	2.575	618.2	99.3,99.3
100	0.0835	0.1013	0.1125	0.0674	0.0618	0.0337	0.0111	0.0451	90-100	0.0416	618.2	99.3,99.3
110	0.2637	0.2918	0.2864	0.2358	0.1806	0.1543	0.1344	0.2024	100-110	0.1414	618.4	99.3,99.3
120	0.5669	0.5781	0.5616	0.4995	0.4050	0.3816	0.3698	0.4465	110-120	0.3346	618.7	99.4,99.4
130	0.9544	0.9574	0.9321	0.8648	0.7312	0.6988	0.6954	0.7855	120-130	0.5756	619.3	99.5,99.5
140	1.387	1.392	1.371	1.291	1.129	1.089	1.095	1.190	130-140	0.7951	620.1	99.6,99.6
150	1.779	1.788	1.797	1.710	1.545	1.502	1.521	1.589	140-150	0.9057	621.0	99.7,99.7
160	2.105	2.119	2.129	2.060	1.921	1.878	1.892	1.948	150-160	0.8446	621.8	99.9,99.9
170	2.308	2.338	2.353	2.319	2.229	2.198	2.178	2.232	160-170	0.6052	622.4	100,100
180	2.364	2.381	2.381	2.392	2.358	2.381	2.381	2.389	170-180	0.2216	622.7	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:02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5978	8913
80	8699	9969
75	10807	12528
70	13572	14980
65	16880	17795
60	21367	22001
55	28913	29951
50	40827	43283
45	55599	59218

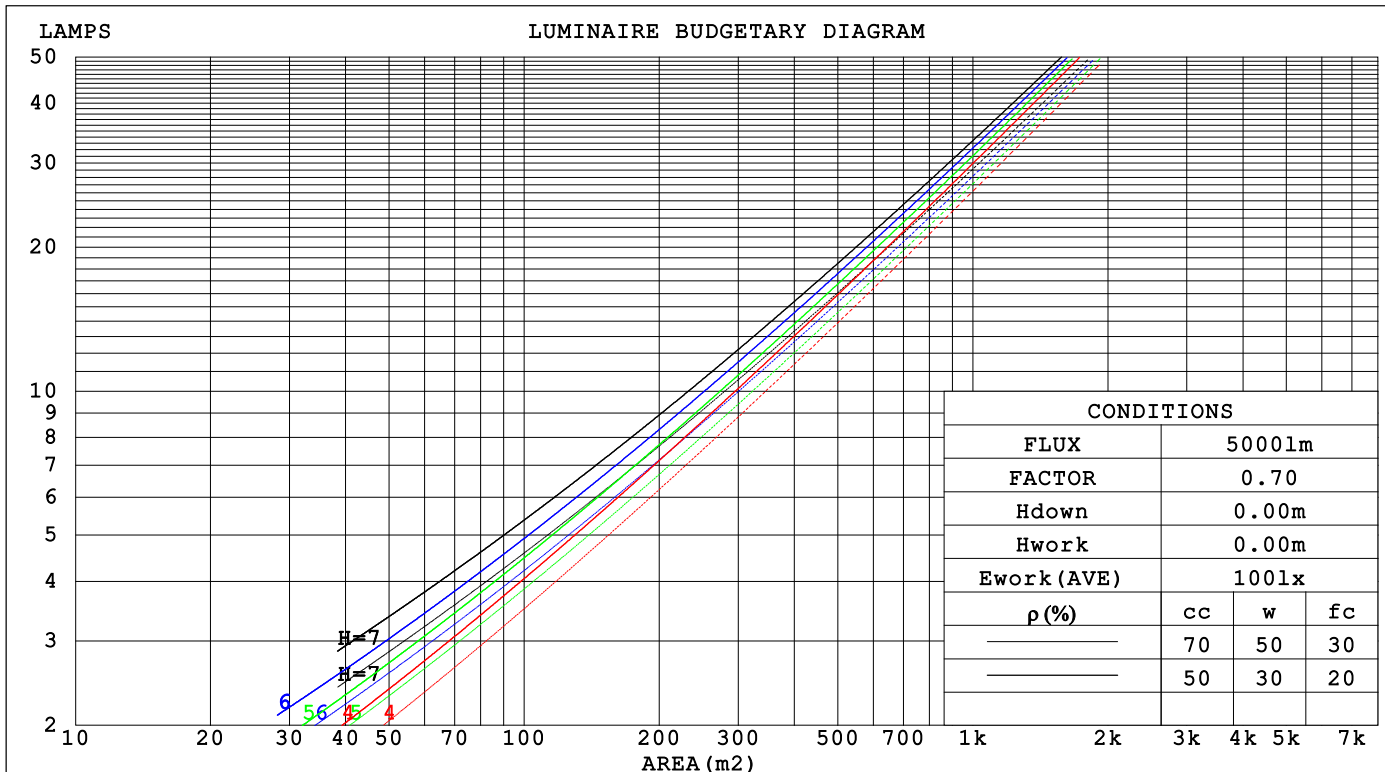
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	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	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.98	.93	.89	.96	.91	.88	.93	.89	.85	.89	.86	.83	.87	.84	.82	.80
3.0	.89	.83	.78	.88	.82	.77	.85	.80	.76	.82	.78	.74	.80	.76	.73	.71
4.0	.81	.74	.69	.80	.74	.69	.78	.72	.68	.75	.71	.67	.73	.69	.66	.64
5.0	.75	.67	.62	.74	.67	.62	.72	.66	.61	.70	.64	.60	.68	.63	.60	.58
6.0	.69	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.55	.63	.58	.54	.53
7.0	.63	.56	.51	.63	.56	.51	.61	.55	.51	.60	.54	.50	.59	.54	.50	.48
8.0	.59	.52	.47	.58	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.44
9.0	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.51	.46	.42	.41
10.0	.51	.44	.40	.51	.44	.40	.50	.44	.40	.49	.43	.39	.48	.43	.39	.38



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm					
NAME: P102017			TYPE: 4000K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.: D61mm		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	.225	.128	.041	.218	.125	.040	.205	.118	.038	.193	.111	.036	.182	.105	.034		
2.0	.217	.119	.037	.211	.116	.036	.200	.111	.035	.189	.106	.033	.180	.102	.032		
3.0	.206	.110	.033	.201	.108	.032	.191	.104	.031	.182	.100	.031	.173	.096	.030		
4.0	.195	.101	.030	.190	.100	.029	.182	.096	.029	.173	.093	.028	.166	.090	.027		
5.0	.184	.094	.027	.180	.092	.027	.172	.090	.026	.165	.087	.026	.158	.085	.025		
6.0	.174	.087	.025	.170	.086	.025	.163	.084	.024	.157	.082	.024	.151	.079	.024		
7.0	.164	.081	.023	.161	.080	.023	.155	.078	.023	.149	.077	.022	.144	.075	.022		
8.0	.156	.076	.021	.153	.075	.021	.147	.074	.021	.142	.072	.021	.137	.070	.021		
9.0	.148	.071	.020	.145	.071	.020	.140	.069	.020	.136	.068	.019	.131	.067	.019		
10.0	.141	.067	.019	.138	.067	.019	.134	.065	.018	.129	.064	.018	.125	.063	.018		

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	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.180	.162	.147	.154	.139	.126	.105	.096	.087	.061	.055	.051	.019	.018	.016		
2.0	.168	.138	.113	.144	.119	.097	.099	.082	.068	.057	.048	.040	.018	.015	.013		
3.0	.158	.119	.089	.135	.103	.077	.093	.072	.054	.054	.042	.032	.017	.014	.010		
4.0	.149	.105	.072	.128	.091	.063	.088	.063	.044	.051	.037	.026	.016	.012	.009		
5.0	.141	.094	.060	.121	.082	.052	.084	.057	.037	.048	.033	.022	.016	.011	.007		
6.0	.134	.086	.051	.116	.074	.044	.080	.052	.031	.046	.031	.019	.015	.010	.006		
7.0	.128	.078	.044	.110	.068	.038	.076	.048	.027	.044	.028	.016	.014	.009	.005		
8.0	.122	.072	.038	.105	.063	.033	.073	.044	.024	.042	.026	.014	.014	.009	.005		
9.0	.117	.067	.034	.101	.058	.030	.070	.041	.021	.041	.024	.013	.013	.008	.004		
10.0	.112	.063	.031	.097	.055	.027	.067	.039	.019	.039	.023	.011	.013	.007	.004		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm										
NAME: P102017					TYPE: 4000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.: D61mm			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	24.8	26.0	25.0	26.2	26.4	24.9	26.1	25.1	26.3	26.4
3H	25.0	26.1	25.3	26.4	26.6	25.1	26.2	25.4	26.5	26.7
4H	25.1	26.1	25.4	26.4	26.6	25.2	26.3	25.5	26.5	26.8
6H	25.1	26.1	25.4	26.4	26.6	25.3	26.2	25.6	26.5	26.8
8H	25.1	26.0	25.4	26.3	26.6	25.3	26.2	25.6	26.5	26.8
12H	25.1	26.0	25.4	26.3	26.6	25.3	26.2	25.6	26.5	26.8
4H 2H	24.8	25.9	25.1	26.1	26.4	24.9	25.9	25.2	26.2	26.4
3H	25.2	26.1	25.5	26.4	26.7	25.3	26.2	25.6	26.5	26.8
4H	25.3	26.1	25.7	26.4	26.8	25.4	26.3	25.8	26.6	26.9
6H	25.4	26.1	25.8	26.4	26.8	25.5	26.3	25.9	26.6	27.0
8H	25.4	26.1	25.8	26.4	26.8	25.6	26.2	26.0	26.6	27.0
12H	25.4	26.0	25.8	26.4	26.8	25.6	26.2	26.0	26.6	27.0
8H 4H	25.3	26.0	25.7	26.3	26.7	25.4	26.1	25.8	26.5	26.8
6H	25.4	26.0	25.9	26.4	26.8	25.6	26.1	26.0	26.5	27.0
8H	25.5	25.9	25.9	26.4	26.8	25.6	26.1	26.1	26.6	27.0
12H	25.5	25.9	26.0	26.3	26.8	25.7	26.1	26.2	26.6	27.0
12H 4H	25.3	25.9	25.7	26.3	26.7	25.4	26.0	25.8	26.4	26.8
6H	25.4	25.9	25.9	26.3	26.8	25.6	26.0	26.0	26.5	26.9
8H	25.5	25.9	25.9	26.3	26.8	25.6	26.1	26.1	26.5	27.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.1 / - 1.6					+ 1.0 / - 1.5				
1.5H	+ 1.0 / - 1.2					+ 1.1 / - 1.4				
2.0H	+ 2.5 / - 2.0					+ 2.7 / - 2.0				

CIE Pub.117, 622.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.6)
Area: 0.00293 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

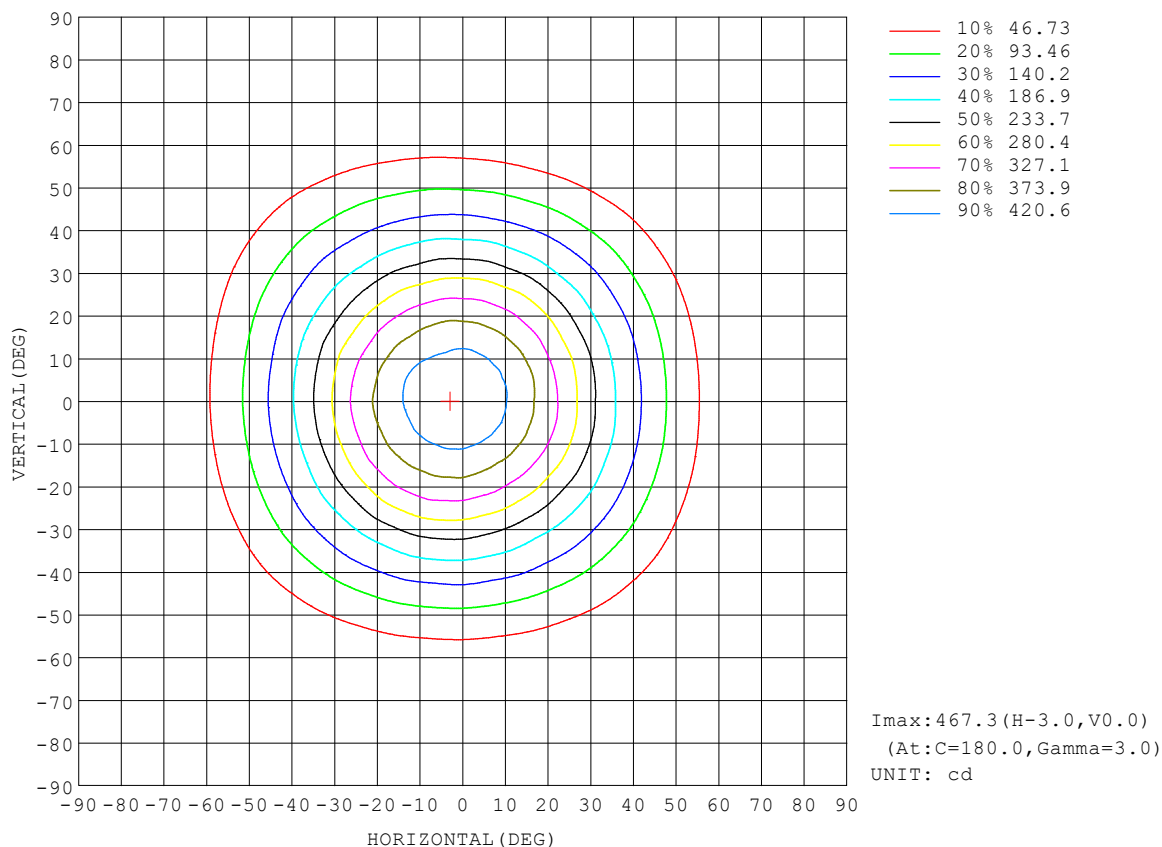
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	71	63	58	70	62	57	52
0.80	82	73	67	81	72	67	79	72	67	62
1.00	89	80	75	88	80	75	86	80	74	69
1.25	94	87	82	93	86	81	91	85	80	75
1.50	98	91	86	97	90	86	94	89	85	79
2.00	103	97	92	101	96	92	98	94	90	84
2.50	105	100	96	104	99	95	100	96	93	86
3.00	108	103	99	106	101	98	102	99	96	88
4.00	110	107	103	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	105	103	101	93
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: 02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

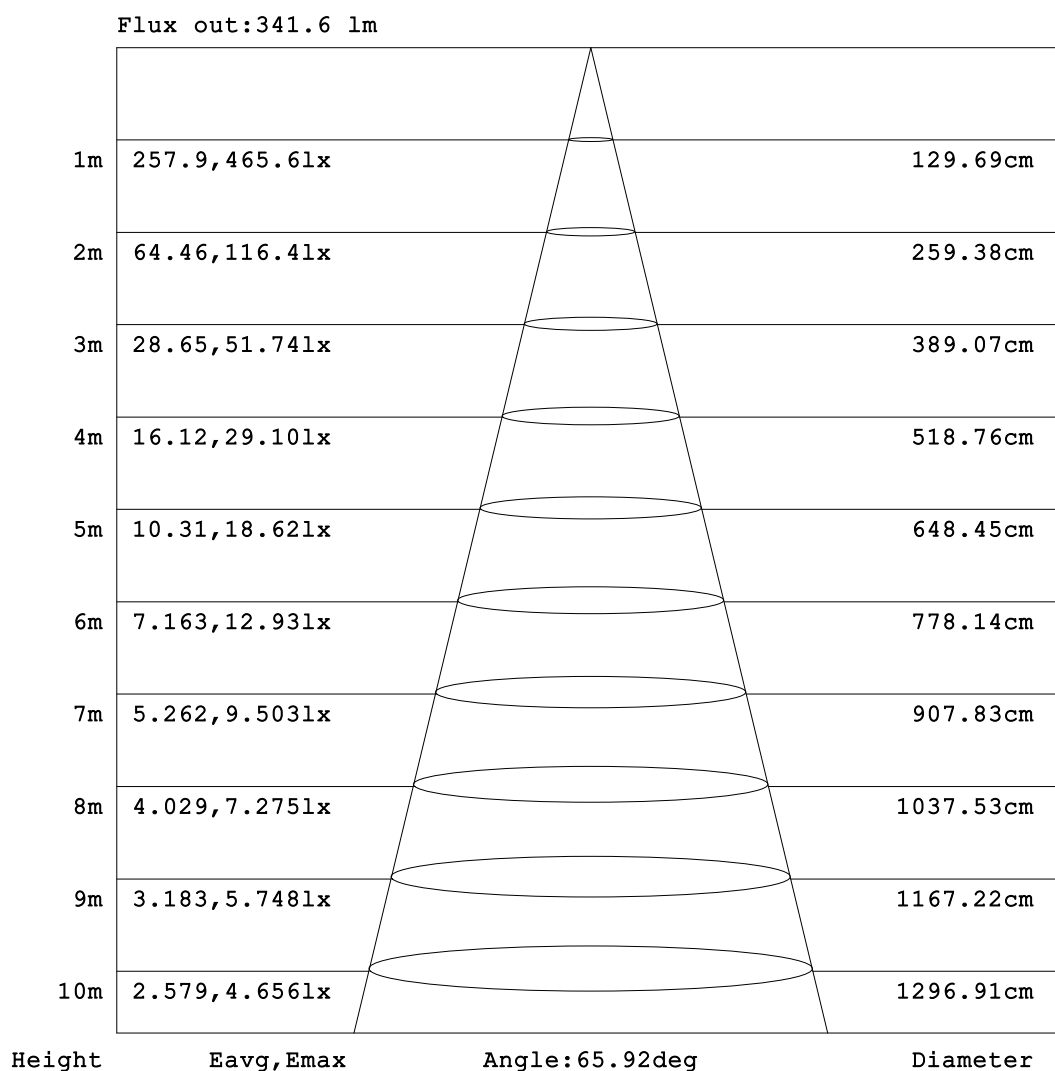


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: CAM
Test Date: 02 September 2025

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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:



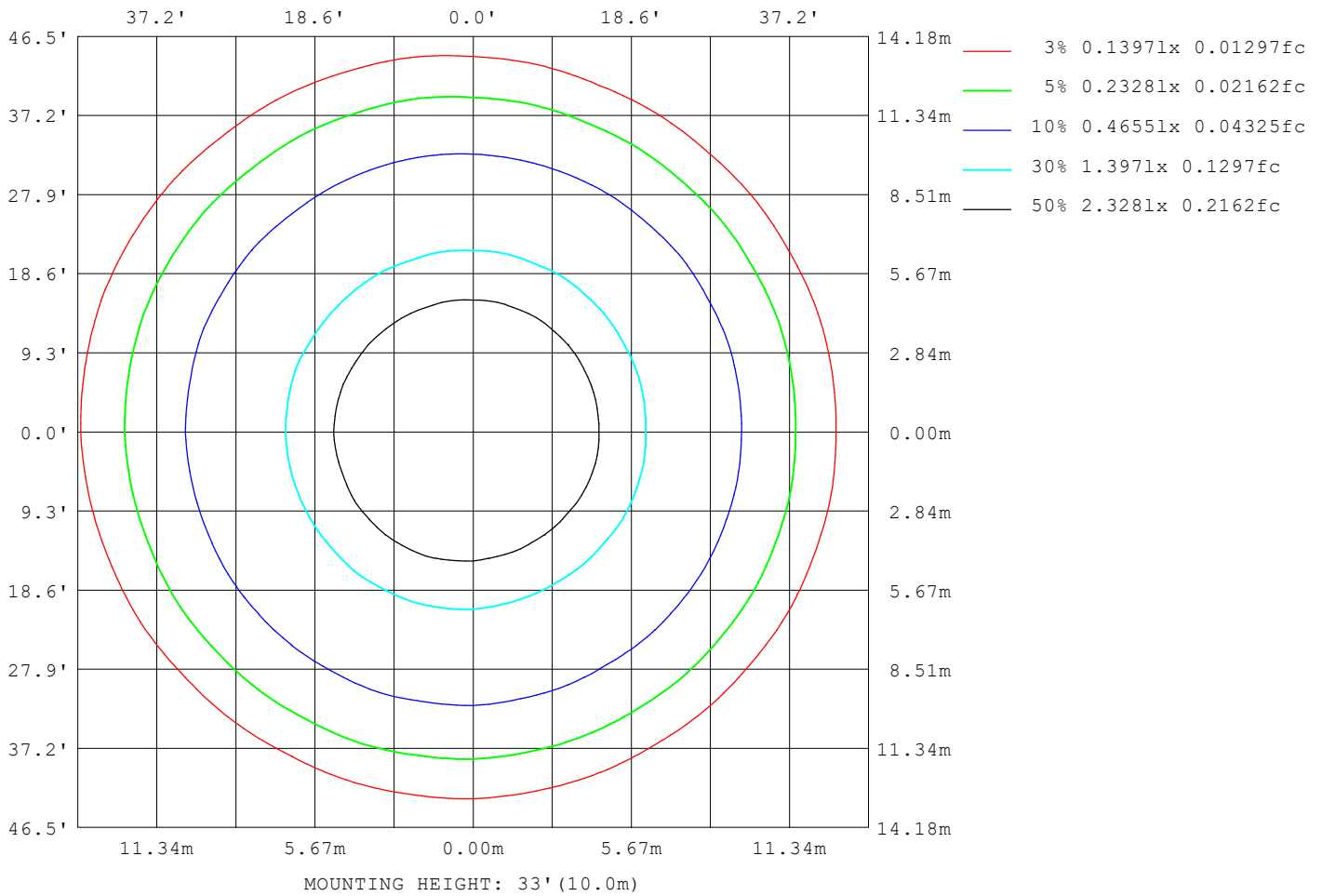
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

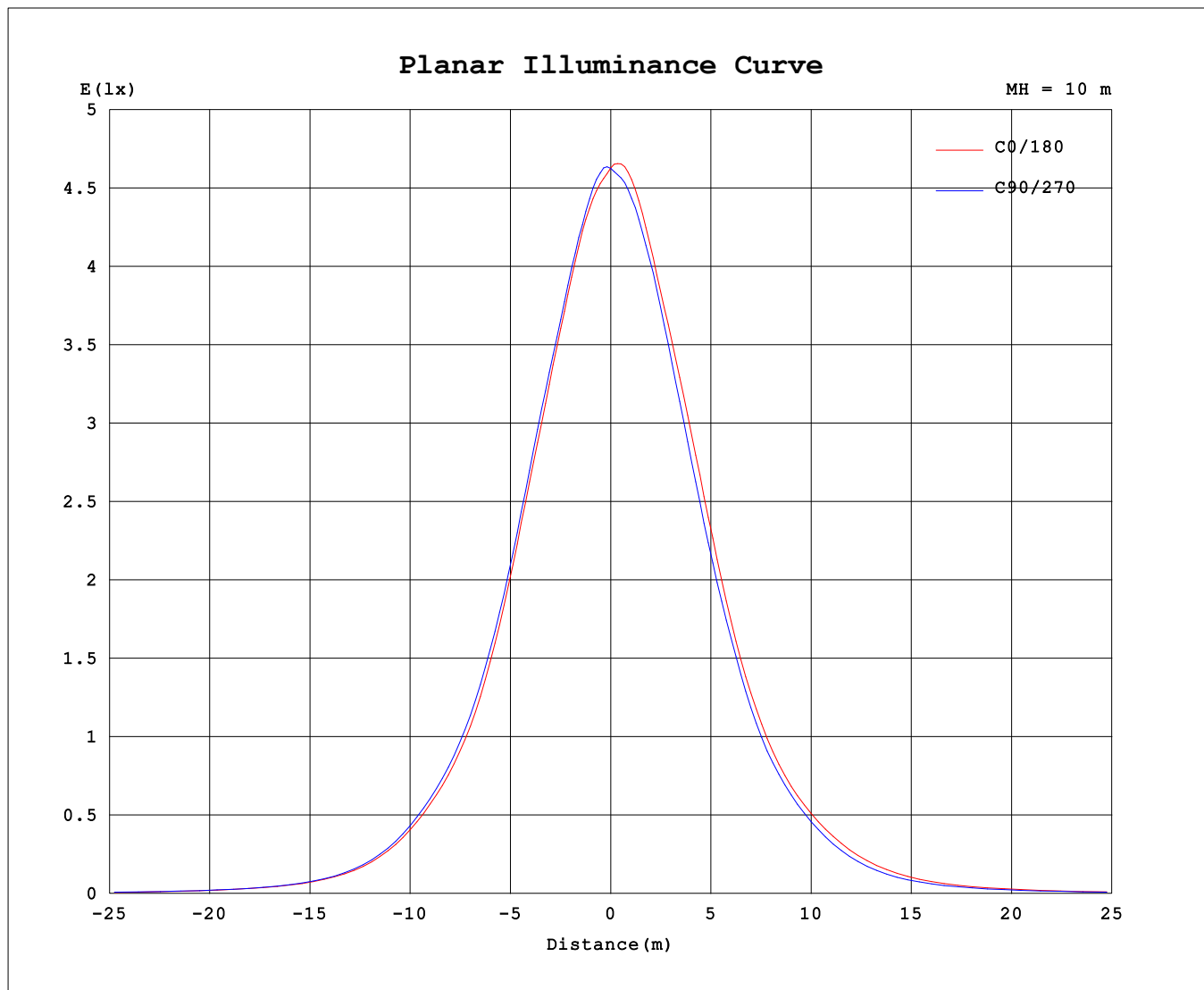
AvgL	cd/m2
L_0~180 (65) av	19766
L_0~180 (75) av	13438
L_0~180 (85) av	7562
L_90~270 (65) av	18450
L_90~270 (75) av	13161
L_90~270 (85) av	7951
L_45 (65) av	18926
L_45 (75) av	13278
L_45 (85) av	9231

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 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: 02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm		
NAME: P102017	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	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	463	463	462	462	462	463	462	463	463	462	463	463	463	463	463	462	463	462	463
5	448	449	449	450	450	452	452	453	453	455	456	457	459	461	461	463	463	464	465
10	422	422	422	423	422	423	423	424	425	428	429	432	432	435	436	438	439	441	445
15	387	387	387	388	387	387	387	388	390	394	395	398	399	403	406	409	410	412	415
20	347	348	346	347	346	346	345	349	351	357	359	364	365	370	372	375	376	380	383
25	300	302	300	300	296	298	297	301	303	309	313	321	323	328	329	334	333	336	340
30	246	248	247	247	243	245	244	248	250	257	261	266	269	275	276	279	281	285	287
35	194	197	195	197	195	195	194	199	202	207	210	215	215	220	221	225	226	230	233
40	154	155	155	156	155	155	155	158	159	164	165	169	169	172	174	178	178	181	184
45	115	115	115	115	115	115	115	118	119	123	124	129	130	133	135	138	139	142	145
50	76.9	77.5	76.6	77.1	76.1	76.7	76.3	77.9	78.9	81.5	82.6	85.9	87.3	91.2	93.5	97.7	99.4	103	106
55	48.6	49.1	48.5	48.7	47.8	48.1	47.6	48.6	48.9	50.3	51.0	52.7	53.5	56.2	58.0	61.7	63.6	66.5	69.1
60	31.3	31.6	31.3	31.2	30.7	30.8	30.5	31.1	31.3	32.2	32.5	33.4	33.7	35.1	36.3	38.2	39.4	41.4	43.6
65	20.9	21.0	20.7	20.8	20.6	20.8	20.7	21.1	21.4	22.0	22.3	23.0	23.2	24.0	24.5	25.3	25.8	26.8	28.0
70	13.6	13.6	13.4	13.5	13.5	13.7	13.9	14.2	14.5	15.0	15.3	15.9	16.1	16.7	17.0	17.5	17.6	18.2	18.8
75	8.20	8.23	8.03	8.19	8.13	8.43	8.49	8.91	9.05	9.50	9.68	10.1	10.3	10.7	10.9	11.3	11.4	11.8	12.2
80	4.43	4.43	4.43	4.46	4.50	4.58	4.67	4.78	4.90	5.07	5.23	5.43	5.60	5.87	6.02	6.23	6.33	6.57	6.87
85	1.53	1.57	1.52	1.63	1.62	1.72	1.80	1.98	2.05	2.28	2.34	2.59	2.68	2.85	2.99	3.14	3.24	2.36	2.34
90	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.03	0.04	0.03	0.08	0.02	0.05	0.35	0.28	0.36	0.37
95	0.03	0.07	0.03	0.08	0.03	0.08	0.03	0.06	0.03	0.06	0.03	0.06	0.03	0.04	0.03	0.04	0.03	0.04	0.02
100	0.08	0.14	0.08	0.14	0.08	0.12	0.07	0.12	0.06	0.11	0.06	0.11	0.05	0.10	0.04	0.09	0.04	0.10	0.06
105	0.16	0.22	0.17	0.22	0.16	0.21	0.15	0.20	0.14	0.19	0.13	0.17	0.11	0.17	0.11	0.16	0.11	0.16	0.12
110	0.26	0.33	0.27	0.33	0.27	0.31	0.25	0.29	0.24	0.29	0.22	0.26	0.21	0.26	0.21	0.26	0.20	0.25	0.18
115	0.40	0.46	0.40	0.46	0.40	0.44	0.39	0.43	0.36	0.40	0.35	0.39	0.34	0.37	0.32	0.36	0.31	0.37	0.29
120	0.57	0.62	0.57	0.62	0.56	0.60	0.54	0.58	0.52	0.56	0.50	0.54	0.48	0.53	0.47	0.52	0.45	0.51	0.41
125	0.75	0.80	0.75	0.80	0.73	0.78	0.72	0.76	0.71	0.74	0.68	0.72	0.66	0.70	0.64	0.69	0.64	0.68	0.56
130	0.95	1.00	0.95	1.00	0.94	0.98	0.92	0.96	0.90	0.93	0.87	0.91	0.86	0.89	0.84	0.88	0.82	0.87	0.73
135	1.18	1.22	1.16	1.21	1.16	1.19	1.13	1.17	1.11	1.15	1.09	1.12	1.06	1.10	1.04	1.09	1.04	1.08	0.92
140	1.39	1.44	1.39	1.43	1.37	1.42	1.35	1.39	1.33	1.37	1.31	1.34	1.28	1.32	1.26	1.30	1.25	1.30	1.13
145	1.59	1.64	1.58	1.63	1.58	1.63	1.57	1.60	1.54	1.58	1.52	1.56	1.50	1.54	1.48	1.52	1.46	1.52	1.33
150	1.78	1.83	1.76	1.83	1.76	1.81	1.76	1.80	1.75	1.80	1.74	1.77	1.70	1.74	1.68	1.72	1.67	1.72	1.54
155	1.96	2.01	1.95	2.00	1.95	2.00	1.93	1.99	1.93	1.97	1.90	1.95	1.88	1.92	1.86	1.91	1.85	1.90	1.74
160	2.11	2.17	2.10	2.15	2.09	2.15	2.09	2.14	2.09	2.13	2.07	2.11	2.05	2.09	2.03	2.07	2.02	2.08	1.92
165	2.22	2.29	2.22	2.27	2.22	2.27	2.22	2.26	2.21	2.26	2.20	2.25	2.19	2.23	2.18	2.23	2.17	2.23	2.09
170	2.31	2.36	2.31	2.35	2.31	2.37	2.31	2.36	2.30	2.35	2.30	2.34	2.29	2.35	2.29	2.35	2.29	2.34	2.23
175	2.35	2.36	2.35	2.37	2.36	2.38	2.37	2.39	2.37	2.38	2.36	2.39	2.36	2.39	2.37	2.39	2.36	2.37	2.34
180	2.36	2.36	2.36	2.37	2.38	2.38	2.39	2.39	2.38	2.38	2.38	2.38	2.39	2.39	2.39	2.39	2.37	2.37	2.36

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:02 September 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:240.43V I:0.0318A P:6.0501W PF:0.7914 Freq:50.00Hz Lamp Flux:622.66x1 lm																	
NAME: P102017									TYPE: 4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D61mm						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	463	462	462	462	463	462	463	463	462	463	463	463	463	463	462	463	462		
5	465	464	463	462	460	459	457	456	454	453	451	449	448	448	447	448	448		
10	445	447	445	443	439	436	434	434	433	432	431	431	427	427	425	425	424		
15	415	416	414	411	406	405	404	404	402	401	397	398	397	396	395	393	391		
20	380	380	377	375	369	369	367	367	363	363	361	359	356	356	351	351	347		
25	338	337	332	331	327	325	321	321	318	318	314	314	309	309	305	304	301		
30	287	287	281	279	276	275	269	271	269	268	263	264	259	256	251	252	249		
35	233	235	229	228	225	224	220	220	216	215	210	207	202	202	197	197	196		
40	185	185	182	181	177	176	174	173	169	167	163	162	159	158	156	156	155		
45	144	146	143	143	138	137	135	133	130	127	125	123	121	121	118	118	117		
50	106	107	106	104	101	99.1	95.4	94.0	89.7	87.8	83.9	82.8	80.7	80.5	78.8	79.3	78.1		
55	70.0	70.8	69.6	68.3	65.3	63.8	60.8	59.1	56.0	54.1	51.5	50.5	49.1	49.4	48.8	49.5	49.2		
60	44.1	44.8	43.7	43.1	41.0	39.8	38.2	37.0	35.2	34.0	32.6	32.1	31.4	31.5	31.2	31.6	31.6		
65	28.3	28.7	28.0	27.7	26.7	26.1	25.2	24.6	23.7	23.1	22.4	22.2	21.7	21.6	21.2	21.4	21.2		
70	18.9	19.0	18.6	18.6	18.0	17.7	17.2	16.9	16.3	15.9	15.4	15.2	14.8	14.6	14.2	14.2	13.9		
75	12.2	12.3	12.1	12.1	11.7	11.6	11.1	10.9	10.5	10.3	9.84	9.72	9.34	9.26	8.87	8.84	8.52		
80	6.88	6.94	6.78	6.76	6.43	6.22	5.82	5.73	5.51	5.43	5.22	5.06	4.91	4.80	4.69	4.62	4.55		
85	3.52	3.52	3.38	3.08	2.66	2.39	2.04	1.94	1.78	1.90	1.95	2.05	2.01	1.93	1.81	1.78	1.66		
90	0.57	0.29	0.03	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
95	0.01	0.02	0.01	0.02	0.00	0.02	0.01	0.03	0.01	0.02	0.01	0.02	0.01	0.03	0.01	0.04	0.01		
100	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.07	0.01	0.07	0.02	0.08	0.02	0.07	0.03	0.09	0.03		
105	0.06	0.11	0.06	0.11	0.06	0.11	0.06	0.12	0.06	0.12	0.07	0.14	0.08	0.15	0.09	0.15	0.11		
110	0.13	0.18	0.13	0.18	0.13	0.19	0.13	0.19	0.13	0.20	0.16	0.21	0.17	0.23	0.18	0.25	0.19		
115	0.23	0.28	0.22	0.28	0.22	0.29	0.24	0.30	0.25	0.31	0.26	0.32	0.27	0.34	0.30	0.35	0.31		
120	0.35	0.40	0.36	0.41	0.35	0.41	0.36	0.42	0.37	0.44	0.39	0.46	0.42	0.48	0.43	0.50	0.44		
125	0.51	0.56	0.50	0.55	0.51	0.56	0.52	0.57	0.53	0.60	0.55	0.61	0.57	0.63	0.59	0.65	0.61		
130	0.68	0.72	0.67	0.72	0.67	0.73	0.68	0.75	0.70	0.76	0.73	0.79	0.76	0.81	0.78	0.85	0.80		
135	0.86	0.92	0.86	0.92	0.86	0.92	0.87	0.93	0.89	0.95	0.91	0.99	0.96	1.02	0.98	1.04	1.00		
140	1.07	1.12	1.06	1.11	1.07	1.12	1.08	1.14	1.09	1.17	1.13	1.20	1.16	1.22	1.18	1.24	1.21		
145	1.27	1.32	1.26	1.32	1.27	1.34	1.29	1.35	1.31	1.37	1.32	1.40	1.36	1.43	1.39	1.45	1.42		
150	1.48	1.52	1.48	1.52	1.48	1.54	1.50	1.56	1.52	1.58	1.54	1.59	1.56	1.62	1.58	1.65	1.61		
155	1.68	1.73	1.67	1.73	1.68	1.74	1.70	1.76	1.72	1.78	1.73	1.80	1.75	1.81	1.76	1.83	1.79		
160	1.86	1.90	1.84	1.90	1.85	1.92	1.89	1.94	1.89	1.95	1.90	1.97	1.92	1.98	1.93	2.00	1.95		
165	2.03	2.08	2.03	2.08	2.03	2.08	2.04	2.09	2.05	2.12	2.07	2.12	2.08	2.13	2.08	2.15	2.11		
170	2.18	2.23	2.18	2.23	2.17	2.22	2.16	2.22	2.18	2.23	2.18	2.26	2.20	2.26	2.21	2.27	2.22		
175	2.29	2.35	2.30	2.35	2.30	2.34	2.28	2.34	2.29	2.34	2.30	2.36	2.31	2.36	2.31	2.36	2.31		
180	2.36	2.36	2.36	2.38	2.38	2.39	2.37	2.38	2.38	2.38	2.38	2.39	2.39	2.39	2.38	2.38	2.37		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:02 September 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: