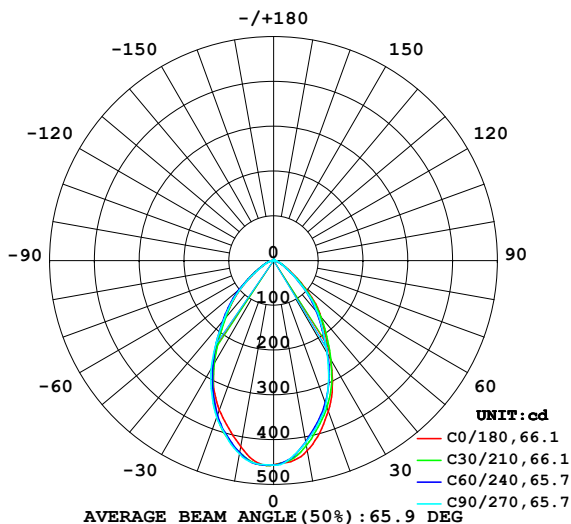


LUMINAIRE PHOTOMETRIC TEST REPORT

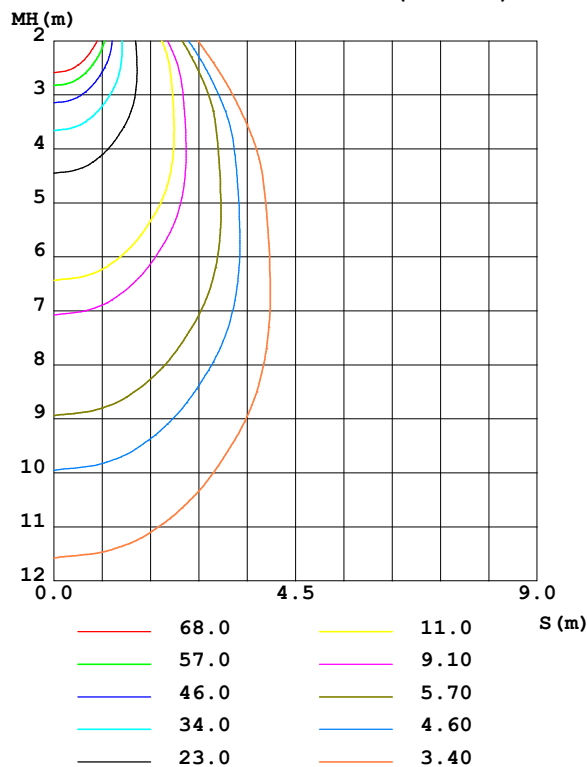
Test:U:240.43V I:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.31 lm/W			
MODEL		I _{max} (cd)	457.9	S/MH(C0/180)	0.96
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.99
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	613.75	η UP,DN(C0-180)	0.4,47.2
NOMINAL FLUX(lm)	613.75	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,52.1
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	431.1	414.0	412.2	406.6	422.3	437.0	438.7	442.3	0- 10	42.13	42.13	6.86,6.86
20	357.7	342.6	341.6	336.8	355.1	368.9	372.2	375.0	10- 20	110.3	152.5	24.8,24.8
30	254.9	250.0	239.0	257.0	267.3	265.1	278.9	268.6	20- 30	142.1	294.6	48,48
40	164.1	161.3	153.4	153.1	170.6	168.3	173.9	176.2	30- 40	130.8	425.4	69.3,69.3
50	86.69	77.84	74.00	76.64	92.81	97.50	94.79	93.50	40- 50	96.70	522.1	85.1,85.1
60	33.72	31.05	30.22	30.39	38.47	40.81	36.74	35.69	50- 60	50.55	572.6	93.3,93.3
70	13.95	13.62	14.49	15.69	17.83	17.87	16.52	15.43	60- 70	23.53	596.1	97.1,97.1
80	4.356	4.462	5.007	5.718	6.675	6.571	5.517	4.900	70- 80	10.68	606.8	98.9,98.9
90	0.0281	0.0337	0.0226	0.0395	0.4003	0.0001	0.0112	0.0029	80- 90	2.545	609.4	99.3,99.3
100	0.0671	0.0982	0.1182	0.0815	0.0622	0.0310	0.0056	0.0283	90-100	0.0406	609.4	99.3,99.3
110	0.2299	0.2780	0.2977	0.2612	0.2026	0.1600	0.1233	0.1629	100-110	0.1382	609.6	99.3,99.3
120	0.5044	0.5611	0.5846	0.5418	0.4438	0.3760	0.3308	0.3901	110-120	0.3278	609.9	99.4,99.4
130	0.8640	0.9265	0.9659	0.9235	0.7809	0.6989	0.6505	0.7073	120-130	0.5647	610.4	99.5,99.5
140	1.279	1.350	1.393	1.355	1.174	1.078	1.032	1.086	130-140	0.7803	611.2	99.6,99.6
150	1.673	1.746	1.803	1.760	1.578	1.474	1.437	1.485	140-150	0.8875	612.1	99.7,99.7
160	2.015	2.052	2.117	2.083	1.937	1.847	1.807	1.844	150-160	0.8273	612.9	99.9,99.9
170	2.240	2.274	2.302	2.291	2.201	2.156	2.116	2.162	160-170	0.5921	613.5	100,100
180	2.313	2.327	2.330	2.341	2.319	2.330	2.324	2.336	170-180	0.2168	613.7	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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz

Lamp Flux:613.75x1 lm

NAME: P102017

TYPE: 6500K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

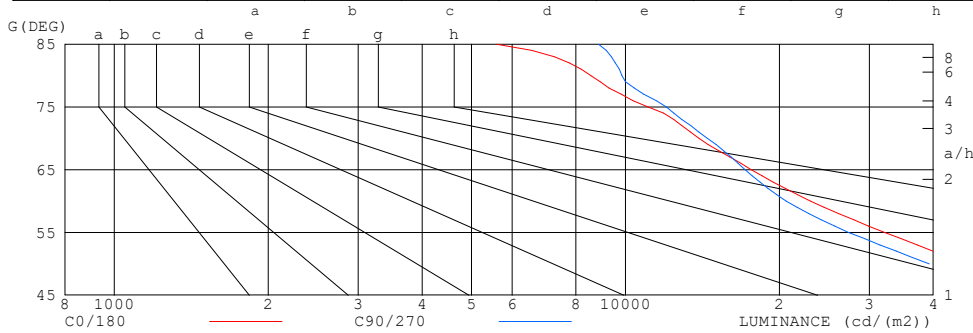
MFR.:

SUR.: D61mm

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



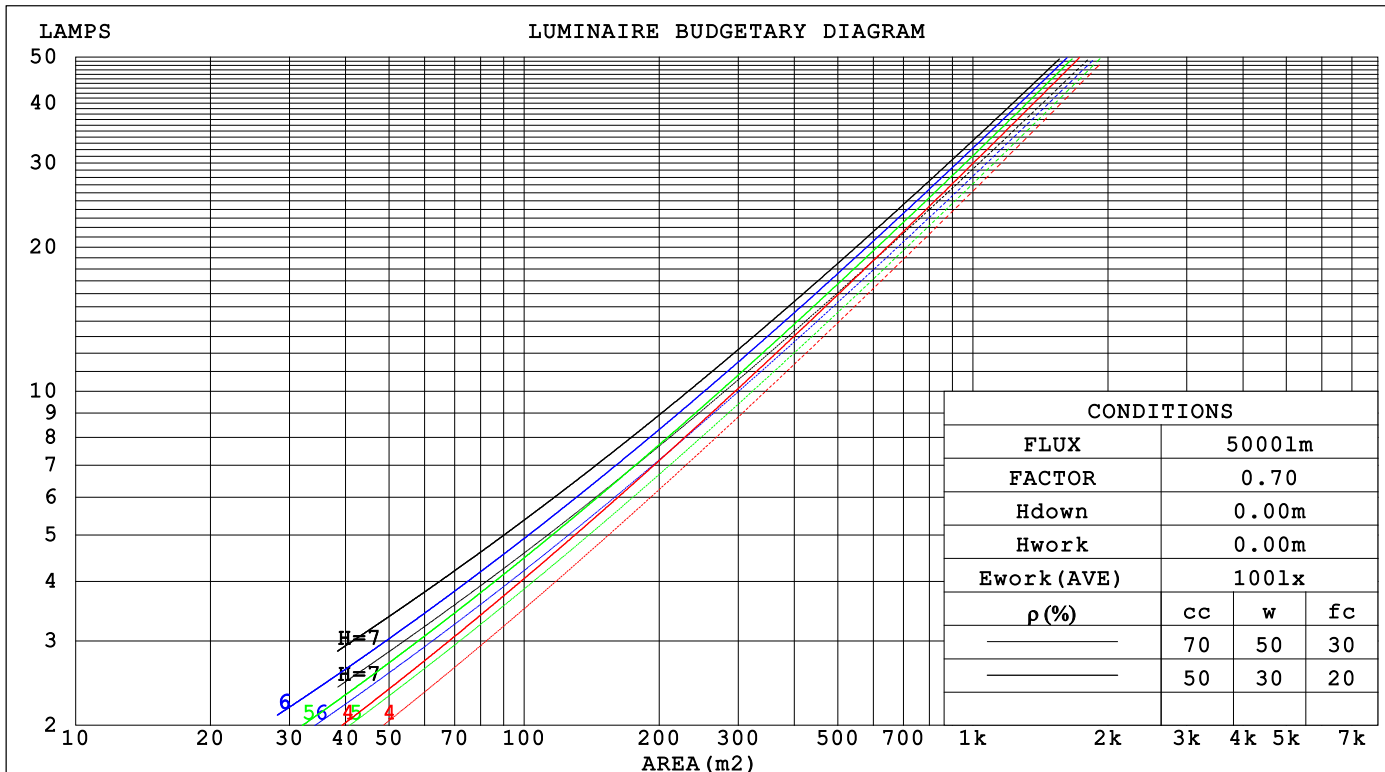
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	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 Interm: 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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm					
NAME: P102017			TYPE: 6500K		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	.050	.115	.074	.044	.080	.052	.031	.046	.030	.018	.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	.096	.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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm										
NAME: P102017					TYPE: 6500K			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	25.3	26.5	25.5	26.7	26.9	24.6	25.8	24.9	26.0	26.2
3H	25.5	26.6	25.8	26.8	27.0	24.9	26.0	25.2	26.2	26.5
4H	25.5	26.6	25.8	26.8	27.1	25.0	26.0	25.3	26.3	26.5
6H	25.5	26.5	25.9	26.8	27.1	25.0	26.0	25.4	26.3	26.6
8H	25.5	26.5	25.9	26.7	27.0	25.0	26.0	25.4	26.3	26.6
12H	25.5	26.4	25.8	26.7	27.0	25.0	25.9	25.4	26.2	26.5
4H 2H	25.3	26.3	25.6	26.6	26.8	24.7	25.7	25.0	26.0	26.2
3H	25.6	26.5	25.9	26.8	27.1	25.1	26.0	25.4	26.3	26.6
4H	25.7	26.5	26.1	26.8	27.2	25.3	26.1	25.6	26.4	26.7
6H	25.8	26.5	26.2	26.8	27.2	25.4	26.1	25.8	26.4	26.8
8H	25.8	26.4	26.2	26.8	27.2	25.4	26.1	25.8	26.4	26.8
12H	25.8	26.4	26.2	26.7	27.2	25.4	26.0	25.8	26.4	26.8
8H 4H	25.7	26.3	26.1	26.7	27.1	25.2	25.9	25.7	26.3	26.7
6H	25.8	26.3	26.2	26.7	27.2	25.4	26.0	25.9	26.4	26.8
8H	25.8	26.3	26.3	26.7	27.2	25.5	26.0	25.9	26.4	26.9
12H	25.8	26.2	26.3	26.7	27.2	25.5	25.9	26.0	26.4	26.9
12H 4H	25.6	26.3	26.1	26.6	27.1	25.2	25.8	25.6	26.2	26.6
6H	25.8	26.2	26.2	26.7	27.1	25.4	25.9	25.9	26.3	26.8
8H	25.8	26.2	26.3	26.7	27.2	25.5	25.9	26.0	26.3	26.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.2 / - 1.6					+ 1.1 / - 1.5				
1.5H	+ 0.9 / - 1.3					+ 1.0 / - 1.3				
2.0H	+ 2.7 / - 2.3					+ 2.6 / - 1.9				

CIE Pub.117, 613.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.7)
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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

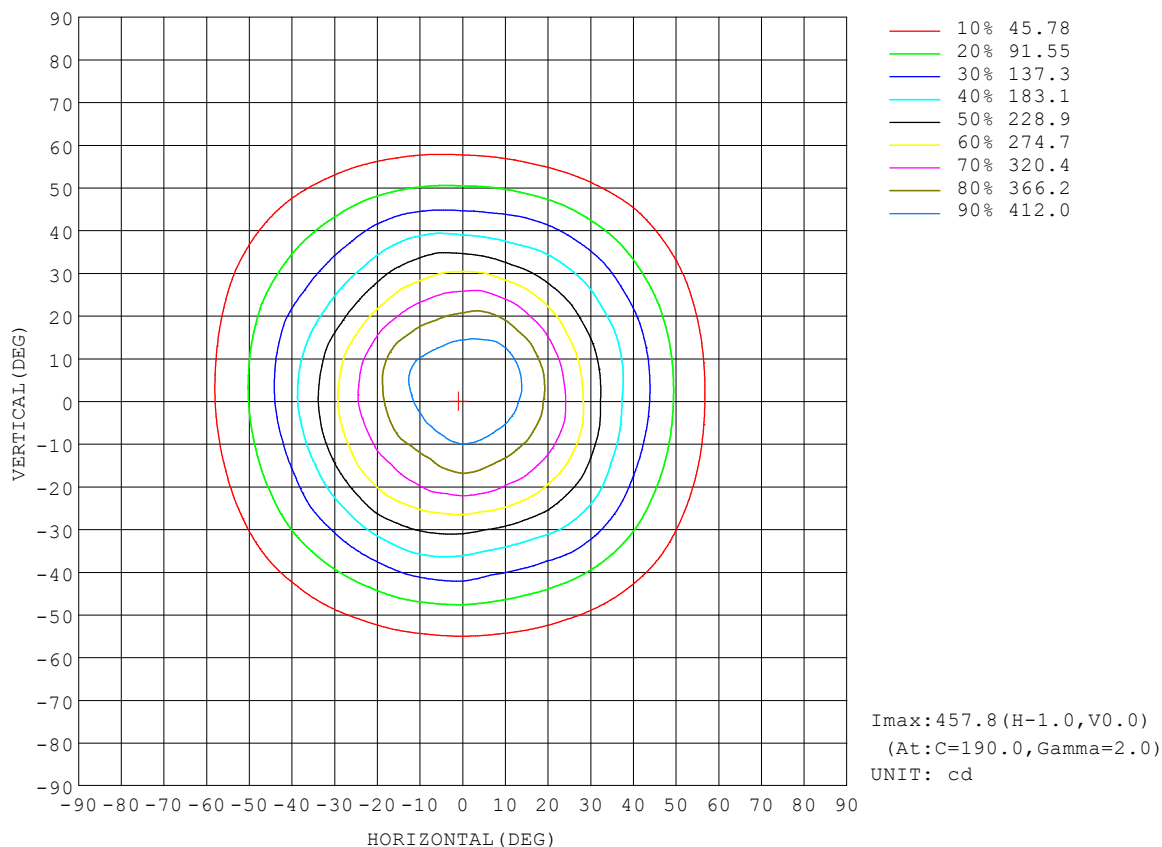
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	71	63	58	70	62	57	52
0.80	82	73	67	81	72	67	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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

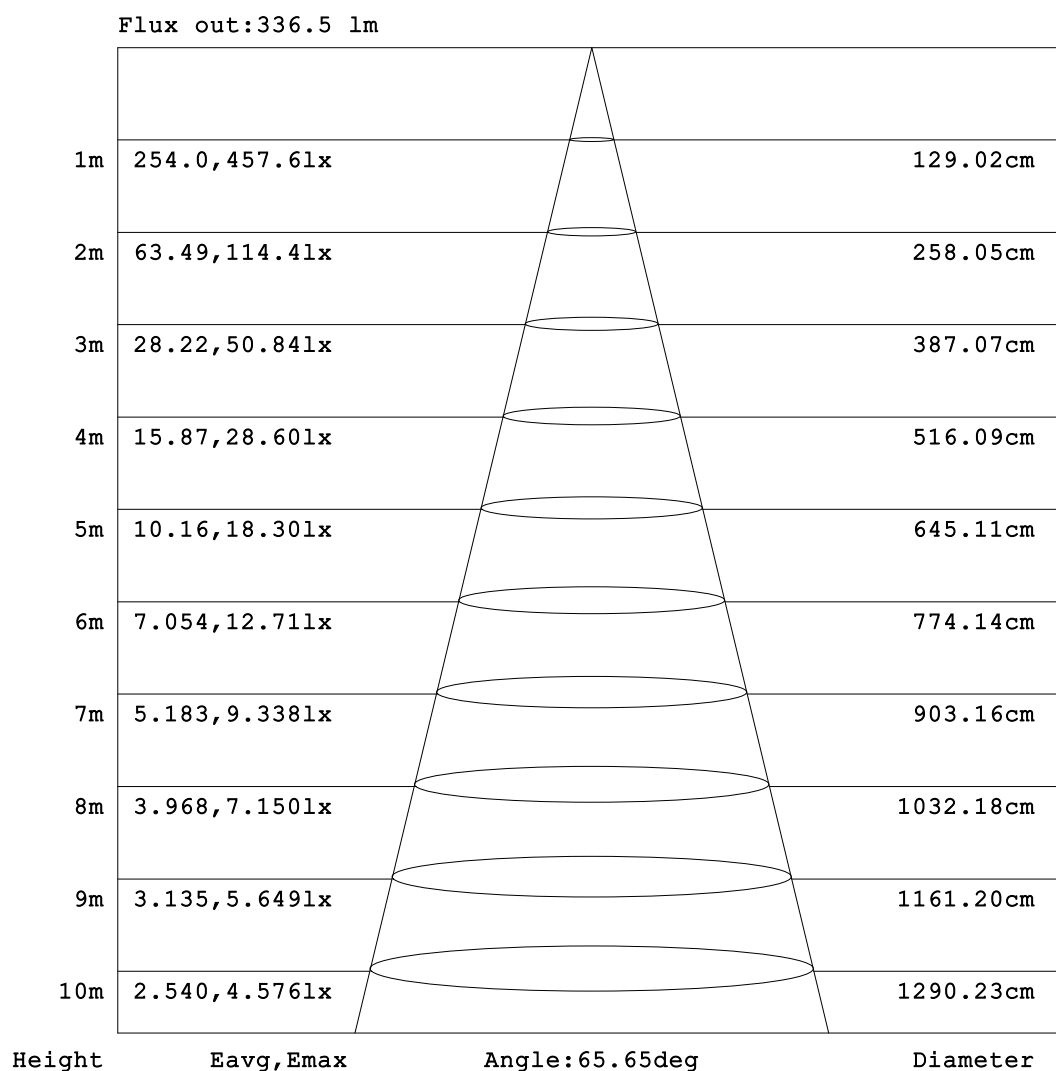


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

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:

AAI Figure

Test:U:240.43V I:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:



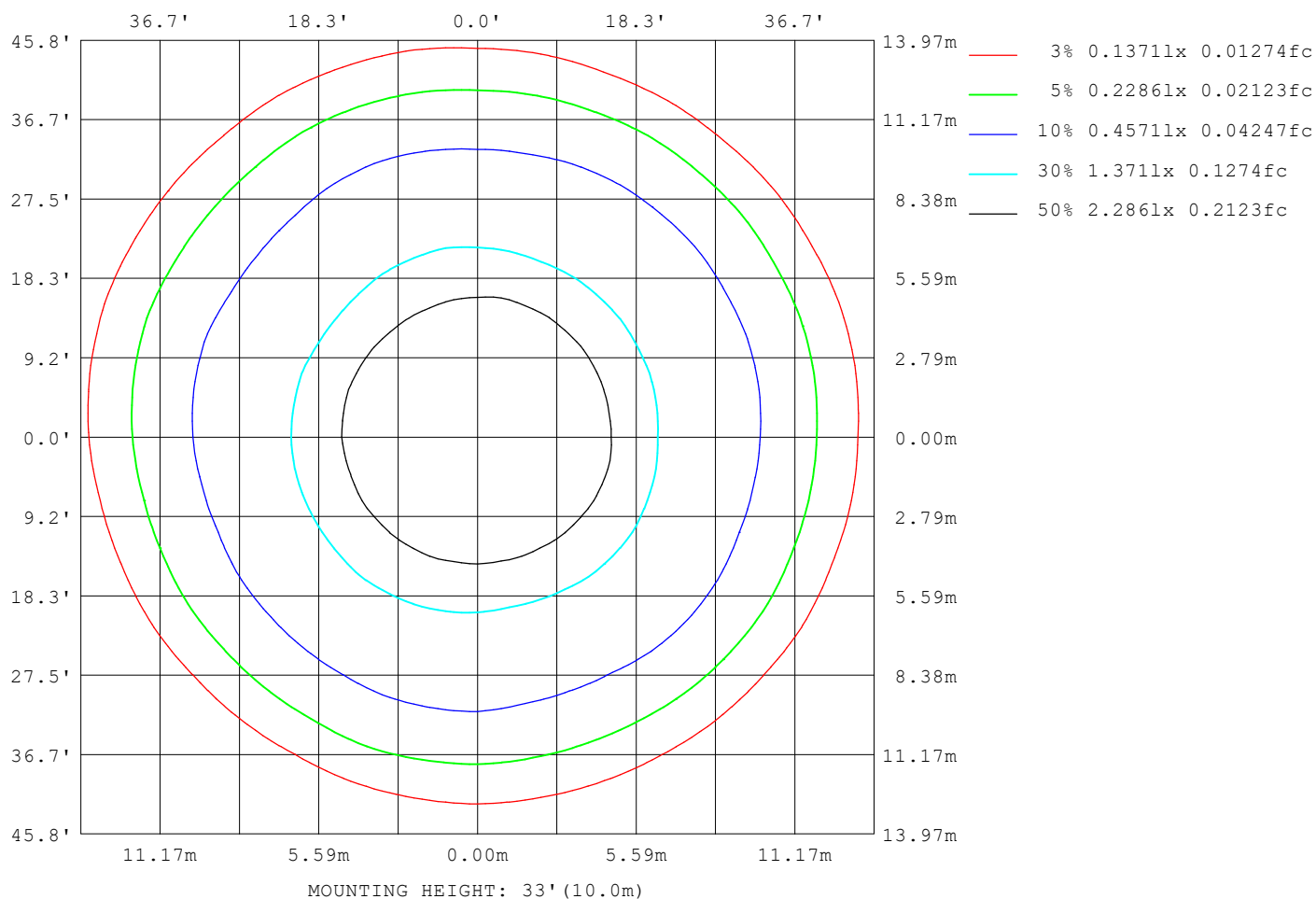
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	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:

LED Avg.L Report

Test:U:240.43V I:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

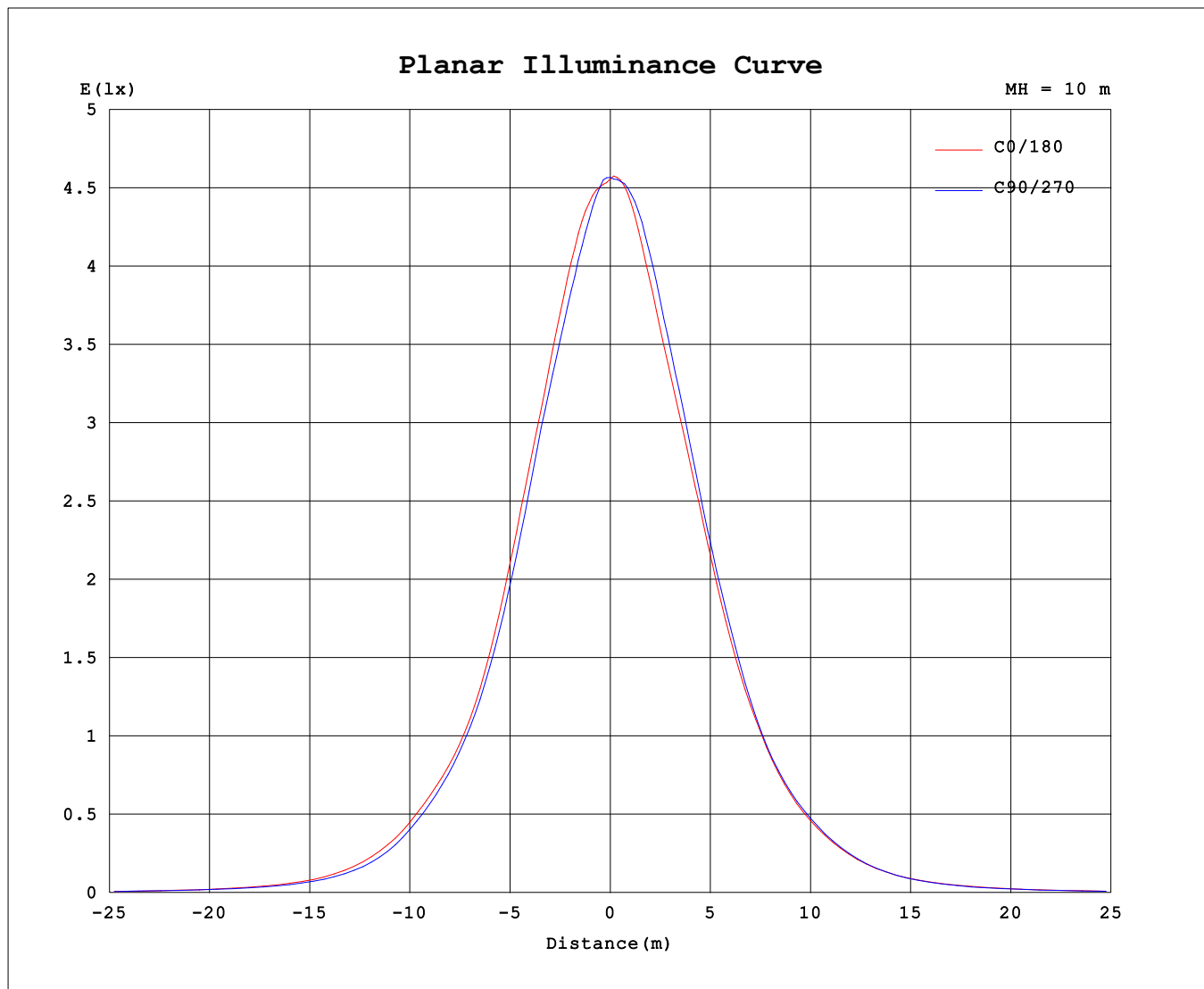
AvgL	cd/m2
L_0~180 (65) av	19175
L_0~180 (75) av	13264
L_0~180 (85) av	7376
L_90~270 (65) av	18309
L_90~270 (75) av	13082
L_90~270 (85) av	7846
L_45 (65) av	18670
L_45 (75) av	13152
L_45 (85) av	9118

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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm		
NAME: P102017	TYPE: 6500K	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	456	456	456	456	456	456	456	457	457	457	456	456	457	456	457	456	457	456	456
5	450	449	447	447	445	444	443	443	442	443	442	442	442	445	445	446	447	449	452
10	431	428	424	420	415	413	412	412	412	412	411	409	406	407	407	411	412	416	422
15	399	394	389	385	381	378	375	376	378	380	377	374	369	370	371	376	380	383	388
20	358	356	352	349	343	342	338	339	340	342	339	339	334	336	337	343	345	351	355
25	311	314	309	307	301	299	293	291	288	291	290	295	296	300	301	306	305	310	316
30	255	258	256	257	251	249	241	237	234	239	242	246	250	257	257	259	260	264	267
35	202	204	203	207	205	200	190	187	186	192	198	201	201	202	201	204	208	214	218
40	164	163	162	165	164	159	150	146	145	153	156	156	154	153	153	157	157	163	171
45	127	124	121	122	120	117	110	109	109	114	115	116	114	114	115	118	118	123	130
50	86.7	84.6	82.4	82.0	79.1	76.6	73.5	72.3	72.3	74.0	74.0	74.7	73.5	75.5	77.7	81.6	83.4	87.1	92.8
55	54.0	53.2	51.6	51.1	49.0	47.8	46.2	45.9	45.5	45.9	45.6	46.0	45.7	46.9	47.9	50.9	52.8	55.6	59.9
60	33.7	33.3	32.4	32.2	31.3	30.8	29.7	29.5	29.5	30.2	30.3	30.3	30.0	30.3	30.5	31.8	33.1	35.5	38.5
65	21.8	21.4	20.9	21.0	20.9	20.8	20.2	20.3	20.6	21.2	21.4	21.5	21.4	21.7	21.9	22.4	22.8	23.9	25.7
70	14.0	13.8	13.5	13.6	13.6	13.7	13.6	13.8	14.0	14.5	14.7	15.1	15.2	15.6	15.8	16.2	16.5	17.0	17.8
75	8.40	8.33	8.10	8.20	8.08	8.32	8.33	8.67	8.77	9.12	9.25	9.56	9.70	10.1	10.2	10.6	10.7	11.2	11.7
80	4.36	4.34	4.34	4.37	4.43	4.50	4.58	4.73	4.83	5.01	5.12	5.29	5.43	5.64	5.79	5.96	6.10	6.35	6.68
85	1.43	1.50	1.45	1.58	1.56	1.66	1.77	1.96	2.01	2.26	2.33	2.59	2.66	2.87	2.95	3.18	3.21	2.38	2.34
90	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.02	0.04	0.03	0.08	0.02	0.06	0.36	0.28	0.37	0.40
95	0.03	0.06	0.03	0.07	0.03	0.07	0.03	0.07	0.03	0.06	0.03	0.06	0.03	0.06	0.03	0.05	0.03	0.06	0.02
100	0.07	0.12	0.07	0.13	0.07	0.13	0.07	0.12	0.07	0.12	0.06	0.11	0.06	0.11	0.06	0.12	0.06	0.11	0.06
105	0.13	0.20	0.15	0.20	0.16	0.20	0.15	0.20	0.15	0.20	0.13	0.19	0.14	0.19	0.14	0.19	0.12	0.18	0.13
110	0.23	0.30	0.25	0.30	0.25	0.31	0.25	0.30	0.24	0.30	0.24	0.29	0.24	0.29	0.23	0.28	0.23	0.28	0.20
115	0.36	0.41	0.36	0.43	0.38	0.43	0.38	0.42	0.38	0.43	0.37	0.42	0.36	0.41	0.36	0.41	0.36	0.40	0.31
120	0.50	0.57	0.52	0.57	0.54	0.58	0.53	0.57	0.53	0.58	0.53	0.58	0.53	0.57	0.52	0.57	0.51	0.55	0.44
125	0.68	0.73	0.69	0.75	0.70	0.76	0.71	0.75	0.71	0.76	0.71	0.76	0.71	0.75	0.69	0.74	0.68	0.73	0.60
130	0.86	0.92	0.89	0.94	0.90	0.96	0.90	0.95	0.90	0.97	0.91	0.95	0.90	0.95	0.90	0.94	0.89	0.93	0.78
135	1.08	1.13	1.09	1.15	1.11	1.17	1.12	1.16	1.12	1.17	1.12	1.17	1.12	1.17	1.11	1.15	1.10	1.15	0.97
140	1.28	1.34	1.30	1.36	1.32	1.38	1.32	1.38	1.34	1.39	1.35	1.39	1.34	1.38	1.33	1.37	1.32	1.36	1.17
145	1.48	1.53	1.50	1.56	1.53	1.58	1.53	1.59	1.54	1.61	1.56	1.60	1.55	1.59	1.53	1.58	1.53	1.58	1.38
150	1.67	1.74	1.70	1.76	1.72	1.77	1.72	1.79	1.73	1.80	1.76	1.81	1.75	1.79	1.73	1.78	1.72	1.78	1.58
155	1.85	1.92	1.87	1.93	1.88	1.94	1.90	1.96	1.91	1.97	1.92	1.97	1.91	1.95	1.90	1.95	1.91	1.95	1.76
160	2.01	2.07	2.03	2.08	2.03	2.08	2.05	2.11	2.06	2.12	2.07	2.12	2.05	2.11	2.05	2.12	2.05	2.10	1.94
165	2.15	2.20	2.14	2.20	2.15	2.21	2.16	2.22	2.17	2.23	2.18	2.23	2.18	2.23	2.17	2.23	2.17	2.23	2.08
170	2.24	2.29	2.24	2.30	2.24	2.31	2.25	2.31	2.25	2.30	2.25	2.31	2.26	2.32	2.26	2.32	2.27	2.34	2.20
175	2.29	2.32	2.30	2.32	2.30	2.33	2.31	2.33	2.31	2.33	2.31	2.33	2.32	2.34	2.34	2.34	2.32	2.34	2.30
180	2.31	2.32	2.31	2.32	2.32	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.34	2.34	2.34	2.34	2.34	2.34	2.32

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:0.0327A P:6.1188W PF:0.7777 Freq:50.00Hz Lamp Flux:613.75x1 lm																	
NAME: P102017									TYPE: 6500K						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	456	456	456	456	456	456	457	457	457	456	456	457	456	457	456	457	456		
5	453	455	455	456	456	456	455	455	455	455	455	454	453	453	452	452	452		
10	427	433	436	437	437	435	435	438	439	441	442	443	443	442	438	437	436		
15	393	402	407	409	406	404	404	405	407	411	414	419	420	417	413	410	405		
20	359	365	369	371	367	367	365	369	372	377	380	379	375	375	369	367	361		
25	317	321	320	321	319	321	322	326	327	333	330	328	323	321	317	314	311		
30	267	270	265	265	266	272	273	278	279	280	273	274	270	267	261	260	258		
35	219	219	212	213	216	223	227	231	224	220	216	217	215	216	213	212	208		
40	174	172	168	167	169	177	182	181	174	171	172	177	176	176	173	175	170		
45	134	137	132	131	133	139	142	139	134	134	137	138	137	137	134	134	132		
50	97.1	99.8	97.6	97.3	97.7	101	99.9	98.1	94.8	94.8	93.7	94.7	93.4	93.6	91.7	92.2	90.1		
55	63.0	65.4	65.0	64.9	63.9	64.4	63.0	62.0	59.5	58.8	57.2	57.3	56.8	57.9	57.3	57.6	56.2		
60	40.1	41.8	41.6	41.3	40.3	39.9	39.5	38.5	36.7	35.8	35.1	35.4	35.4	36.0	35.6	35.9	35.0		
65	26.6	27.4	27.0	26.7	26.2	26.3	26.0	25.2	24.1	23.8	23.7	23.7	23.3	23.4	23.0	23.1	22.6		
70	18.2	18.6	18.2	18.0	17.8	17.9	17.6	17.1	16.5	16.3	16.0	15.9	15.5	15.4	14.9	14.8	14.5		
75	11.8	12.0	11.9	11.9	11.6	11.6	11.2	11.1	10.7	10.6	10.2	10.2	9.88	9.75	9.38	9.24	8.89		
80	6.75	6.84	6.74	6.71	6.43	6.21	5.82	5.73	5.52	5.45	5.27	5.13	4.95	4.85	4.69	4.63	4.53		
85	3.56	3.55	3.40	3.08	2.66	2.36	2.02	1.89	1.74	1.85	1.92	1.99	1.97	1.87	1.74	1.73	1.60		
90	0.59	0.29	0.04	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01		
95	0.01	0.02	0.01	0.02	0.00	0.03	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.02	0.01	0.02	0.01		
100	0.02	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.05	0.00	0.06	0.01	0.08	0.02		
105	0.06	0.12	0.07	0.12	0.05	0.11	0.05	0.11	0.05	0.11	0.06	0.11	0.06	0.12	0.07	0.13	0.08		
110	0.14	0.19	0.15	0.19	0.13	0.17	0.12	0.17	0.12	0.17	0.13	0.18	0.14	0.19	0.15	0.20	0.16		
115	0.25	0.30	0.24	0.29	0.23	0.27	0.22	0.27	0.22	0.28	0.22	0.28	0.23	0.29	0.25	0.31	0.26		
120	0.38	0.43	0.36	0.41	0.34	0.39	0.33	0.39	0.33	0.40	0.35	0.41	0.36	0.42	0.37	0.44	0.39		
125	0.53	0.58	0.52	0.56	0.49	0.54	0.48	0.53	0.48	0.54	0.49	0.56	0.52	0.57	0.52	0.59	0.56		
130	0.72	0.75	0.68	0.72	0.67	0.71	0.65	0.71	0.65	0.71	0.65	0.71	0.67	0.74	0.70	0.76	0.72		
135	0.91	0.94	0.87	0.92	0.85	0.90	0.84	0.88	0.83	0.89	0.84	0.90	0.86	0.92	0.88	0.95	0.91		
140	1.11	1.14	1.07	1.11	1.04	1.09	1.03	1.08	1.03	1.07	1.03	1.09	1.05	1.12	1.08	1.15	1.11		
145	1.31	1.34	1.27	1.31	1.26	1.29	1.24	1.29	1.23	1.28	1.22	1.29	1.25	1.32	1.28	1.34	1.31		
150	1.50	1.53	1.46	1.51	1.44	1.51	1.45	1.50	1.44	1.48	1.43	1.49	1.45	1.52	1.47	1.53	1.50		
155	1.70	1.74	1.66	1.70	1.63	1.70	1.64	1.70	1.63	1.68	1.62	1.68	1.64	1.70	1.66	1.73	1.70		
160	1.86	1.90	1.83	1.88	1.81	1.88	1.81	1.87	1.81	1.86	1.81	1.88	1.81	1.88	1.84	1.89	1.86		
165	2.02	2.06	2.00	2.04	1.98	2.03	1.98	2.04	1.98	2.03	1.98	2.04	1.99	2.05	2.00	2.06	2.03		
170	2.15	2.20	2.14	2.20	2.12	2.17	2.11	2.17	2.12	2.17	2.12	2.18	2.13	2.19	2.13	2.20	2.17		
175	2.25	2.30	2.26	2.30	2.24	2.30	2.23	2.29	2.23	2.29	2.24	2.30	2.25	2.31	2.24	2.31	2.26		
180	2.31	2.31	2.31	2.33	2.33	2.33	2.32	2.32	2.32	2.32	2.32	2.34	2.34	2.34	2.33	2.34	2.32		

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: