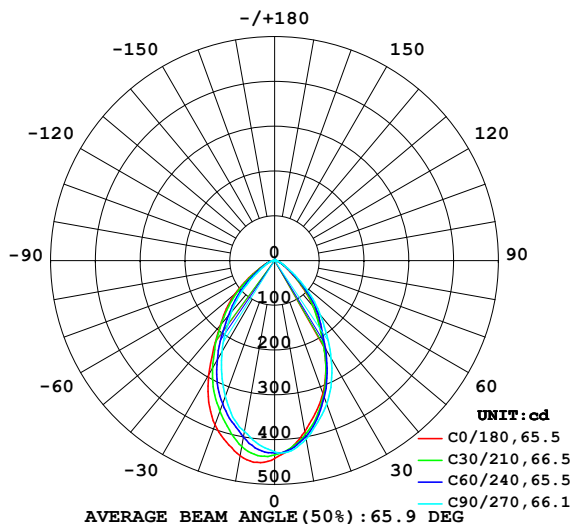


LUMINAIRE PHOTOMETRIC TEST REPORT

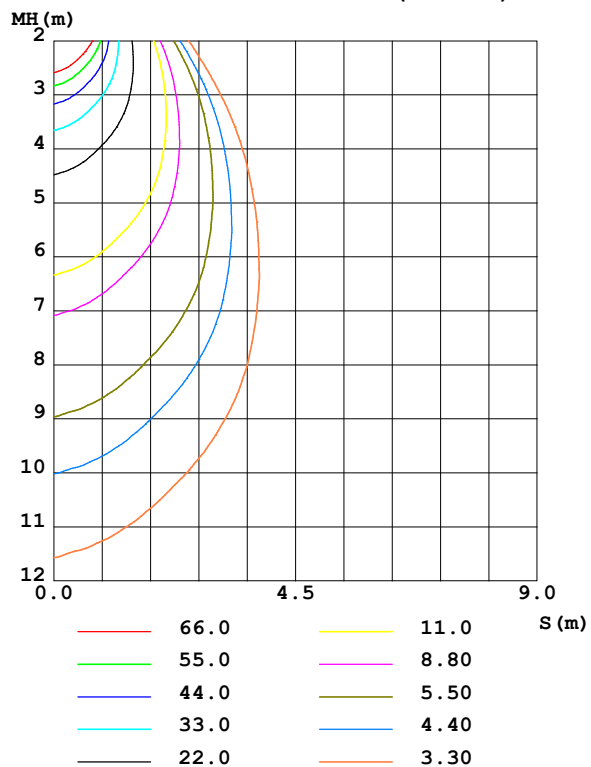
Test:U:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.59 lm/W
MODEL		I _{max} (cd)	452.6	S/MH(C0/180)	1.06	
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.92	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	580.44	η UP,DN(C0-180)	0.4,50.0	
NOMINAL FLUX(lm)	580.443	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,49.3	
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°C
Operators: CAM
Test Date: 03 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:

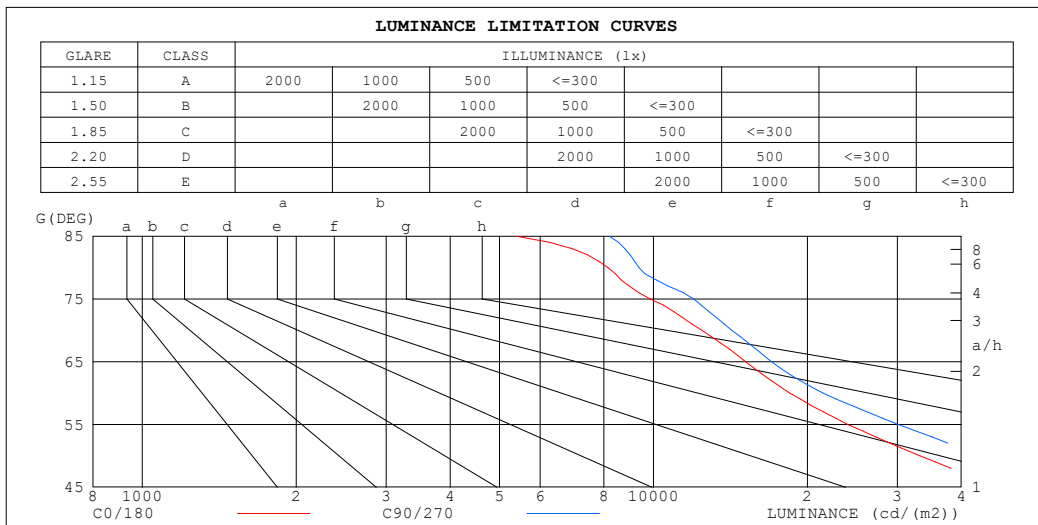
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	388.2	397.6	405.0	422.1	442.9	410.3	387.9	371.4	0- 10	39.62	39.62	6.83,6.83
20	315.6	323.1	340.4	369.9	390.4	346.9	322.4	303.6	10- 20	104.0	143.6	24.7,24.7
30	221.9	218.9	252.9	268.2	294.3	268.9	235.2	222.2	20- 30	134.8	278.5	48,48
40	134.5	137.7	160.0	176.7	188.3	176.8	150.7	126.1	30- 40	123.6	402.0	69.3,69.3
50	62.59	69.31	82.04	99.60	115.1	100.6	76.98	59.97	40- 50	91.27	493.3	85,85
60	27.07	28.25	31.47	37.79	47.68	40.66	30.74	24.30	50- 60	48.22	541.5	93.3,93.3
70	12.47	12.65	14.26	16.47	19.25	17.50	14.60	12.50	60- 70	22.43	563.9	97.2,97.2
80	4.148	4.263	4.768	5.664	6.861	6.084	4.840	4.312	70- 80	10.05	574.0	98.9,98.9
90	0.0281	0.0225	0.0114	0.0201	0.3734	0	0.0001	0.0002	80- 90	2.333	576.3	99.3,99.3
100	0.0897	0.0954	0.0844	0.0310	0.0345	0.0198	0	0.0480	90-100	0.0302	576.3	99.3,99.3
110	0.2801	0.2751	0.2360	0.1657	0.1574	0.1376	0.1400	0.2019	100-110	0.1233	576.5	99.3,99.3
120	0.5940	0.5558	0.4837	0.3927	0.3483	0.3424	0.3640	0.4462	110-120	0.3043	576.8	99.4,99.4
130	0.9930	0.9125	0.8149	0.7075	0.6407	0.6399	0.6845	0.7835	120-130	0.5310	577.3	99.5,99.5
140	1.426	1.322	1.219	1.100	1.012	1.008	1.065	1.174	130-140	0.7375	578.0	99.6,99.6
150	1.785	1.704	1.613	1.485	1.415	1.412	1.448	1.544	140-150	0.8427	578.9	99.7,99.7
160	2.077	2.004	1.949	1.830	1.797	1.769	1.791	1.853	150-160	0.7883	579.7	99.9,99.9
170	2.246	2.206	2.173	2.111	2.117	2.061	2.032	2.075	160-170	0.5645	580.2	100,100
180	2.274	2.243	2.229	2.201	2.274	2.246	2.207	2.201	170-180	0.2069	580.4	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:03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:



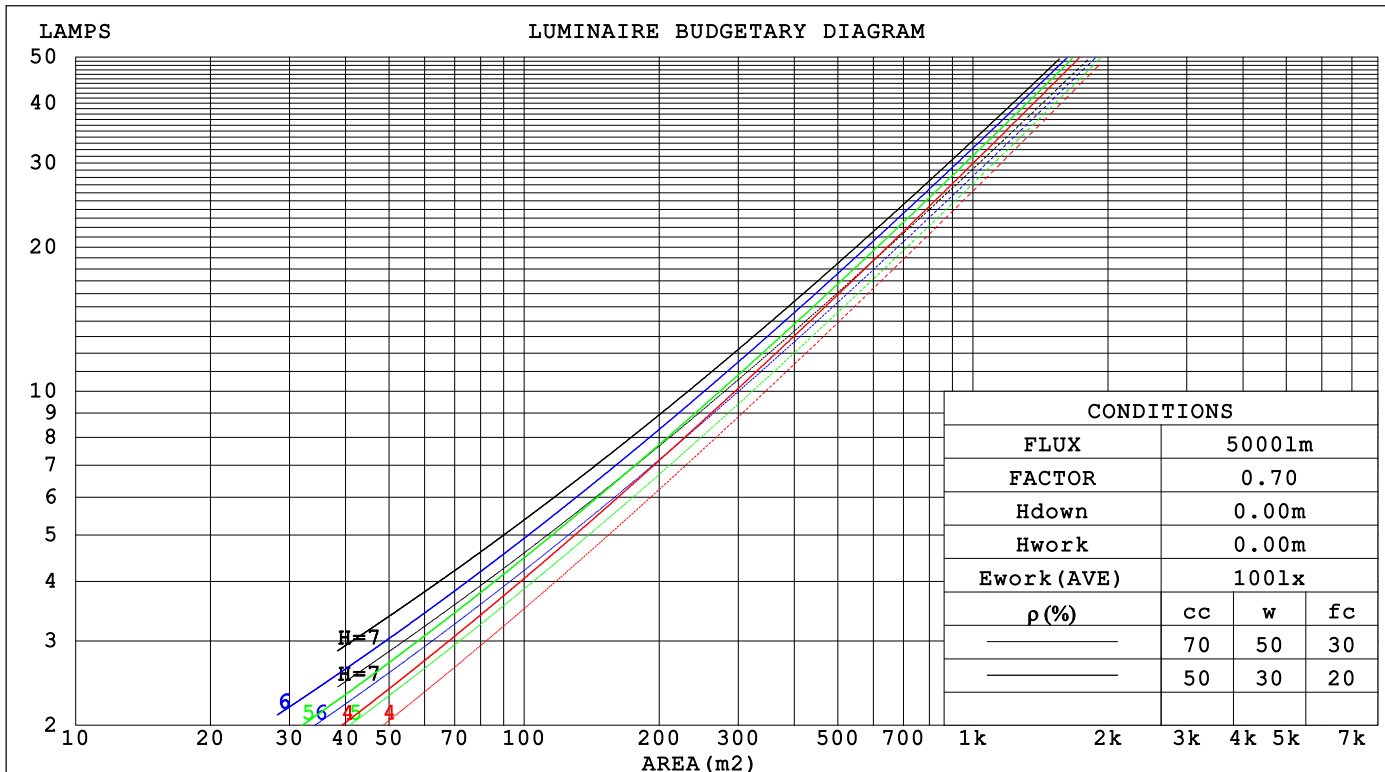
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 03 September 2025

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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	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	.87	.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	.73	.67	.62	.71	.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	.50	.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:03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	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	.226	.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	.190	.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	.174	.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	.080	.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	.071	.021		
9.0	.148	.072	.020	.145	.071	.020	.140	.069	.020	.136	.068	.019	.131	.067	.019		
10.0	.141	.067	.019	.138	.067	.019	.134	.066	.018	.130	.064	.018	.126	.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	.146	.154	.139	.126	.105	.096	.087	.061	.055	.051	.019	.018	.016		
2.0	.168	.138	.112	.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	.062	.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	.116	.074	.044	.080	.052	.031	.046	.030	.018	.015	.010	.006		
7.0	.128	.078	.043	.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:03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm										
NAME: P102017					TYPE: 3000K			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	24.4	25.6	24.6	25.8	26.0	25.1	26.3	25.4	26.5	26.7
3H	24.7	25.8	24.9	26.0	26.2	25.4	26.5	25.7	26.7	27.0
4H	24.7	25.8	25.0	26.0	26.3	25.5	26.5	25.8	26.8	27.0
6H	24.8	25.7	25.1	26.0	26.3	25.5	26.5	25.9	26.8	27.0
8H	24.8	25.7	25.1	26.0	26.3	25.5	26.5	25.9	26.7	27.0
12H	24.7	25.6	25.1	25.9	26.2	25.5	26.4	25.9	26.7	27.0
4H 2H	24.4	25.5	24.7	25.7	26.0	25.1	26.2	25.4	26.4	26.7
3H	24.8	25.7	25.2	26.0	26.3	25.5	26.4	25.9	26.7	27.0
4H	25.0	25.8	25.4	26.1	26.5	25.7	26.5	26.0	26.8	27.1
6H	25.1	25.8	25.5	26.1	26.5	25.8	26.5	26.2	26.8	27.2
8H	25.1	25.8	25.5	26.1	26.5	25.8	26.5	26.2	26.8	27.2
12H	25.1	25.7	25.5	26.1	26.5	25.8	26.4	26.2	26.8	27.2
8H 4H	25.0	25.6	25.4	26.0	26.4	25.6	26.3	26.1	26.7	27.1
6H	25.1	25.7	25.6	26.1	26.5	25.8	26.3	26.2	26.7	27.2
8H	25.2	25.7	25.6	26.1	26.6	25.8	26.3	26.3	26.8	27.2
12H	25.2	25.6	25.7	26.1	26.6	25.9	26.3	26.4	26.7	27.2
12H 4H	25.0	25.6	25.4	25.9	26.4	25.6	26.2	26.0	26.6	27.0
6H	25.1	25.6	25.6	26.0	26.5	25.8	26.2	26.2	26.7	27.1
8H	25.2	25.6	25.7	26.1	26.5	25.8	26.2	26.3	26.7	27.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.1 / - 1.6					+ 1.1 / - 1.5				
1.5H	+ 1.1 / - 1.2					+ 1.1 / - 1.5				
2.0H	+ 2.4 / - 1.7					+ 2.8 / - 2.2				

CIE Pub.117, 580.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.9)
Area: 0.00293 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

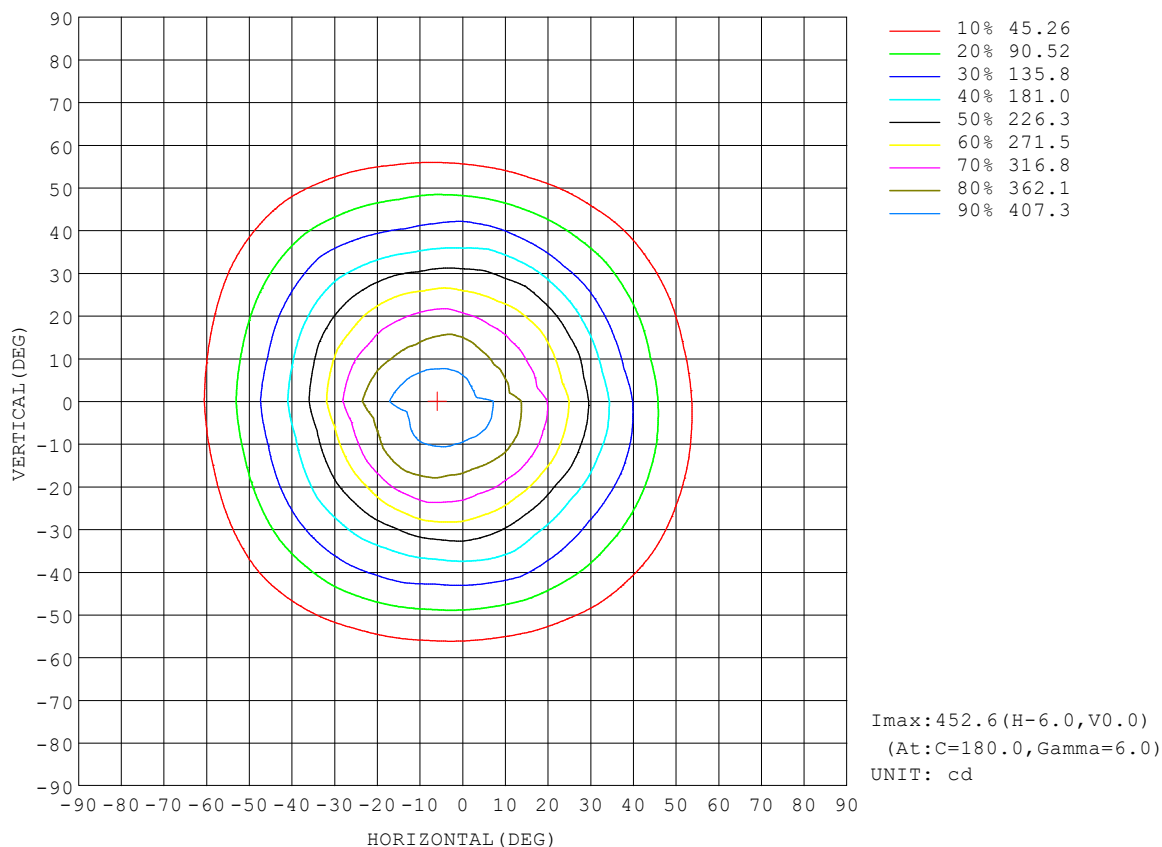
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	71	63	58	70	62	57	52
0.80	81	73	67	81	72	67	79	72	67	61
1.00	89	80	75	87	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: 03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

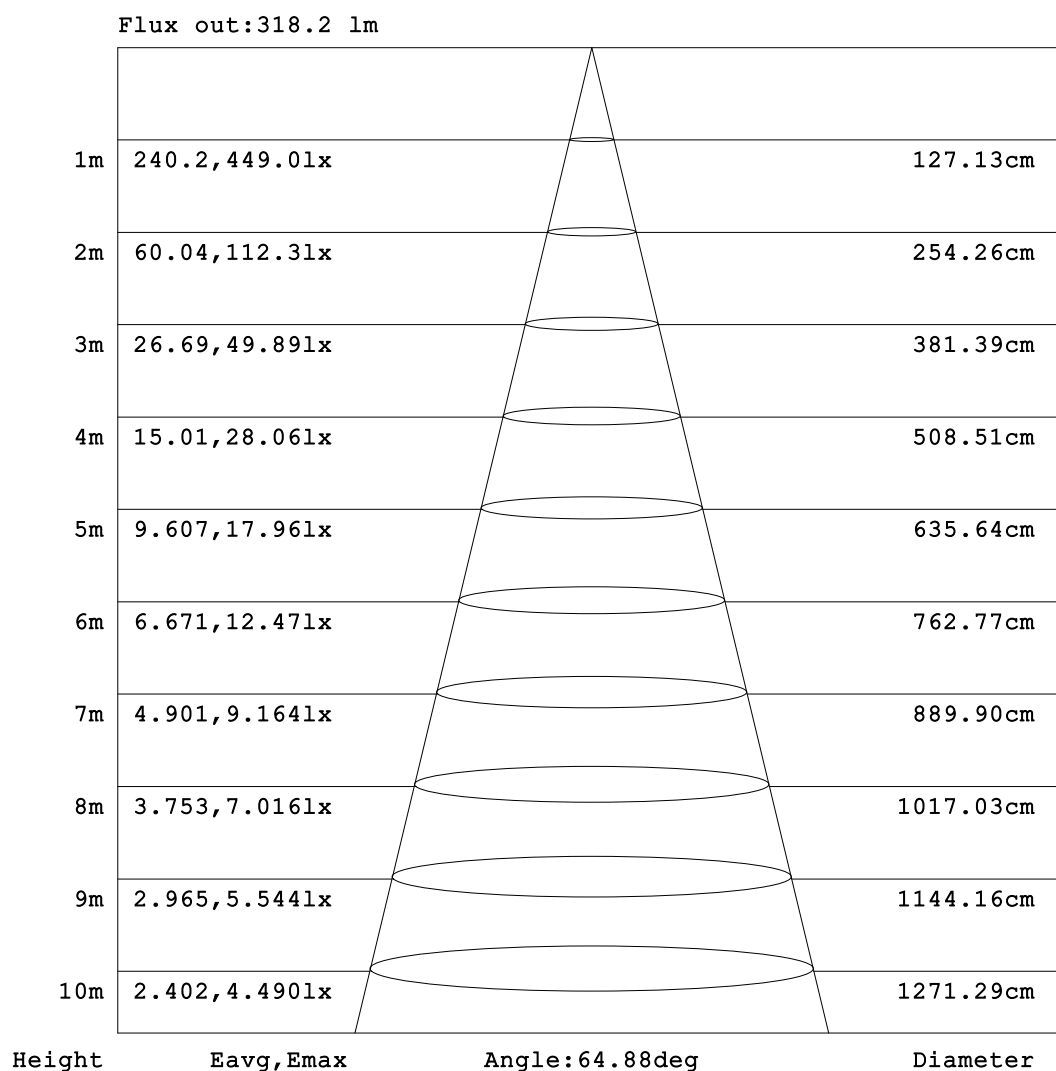


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:03 September 2025

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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:



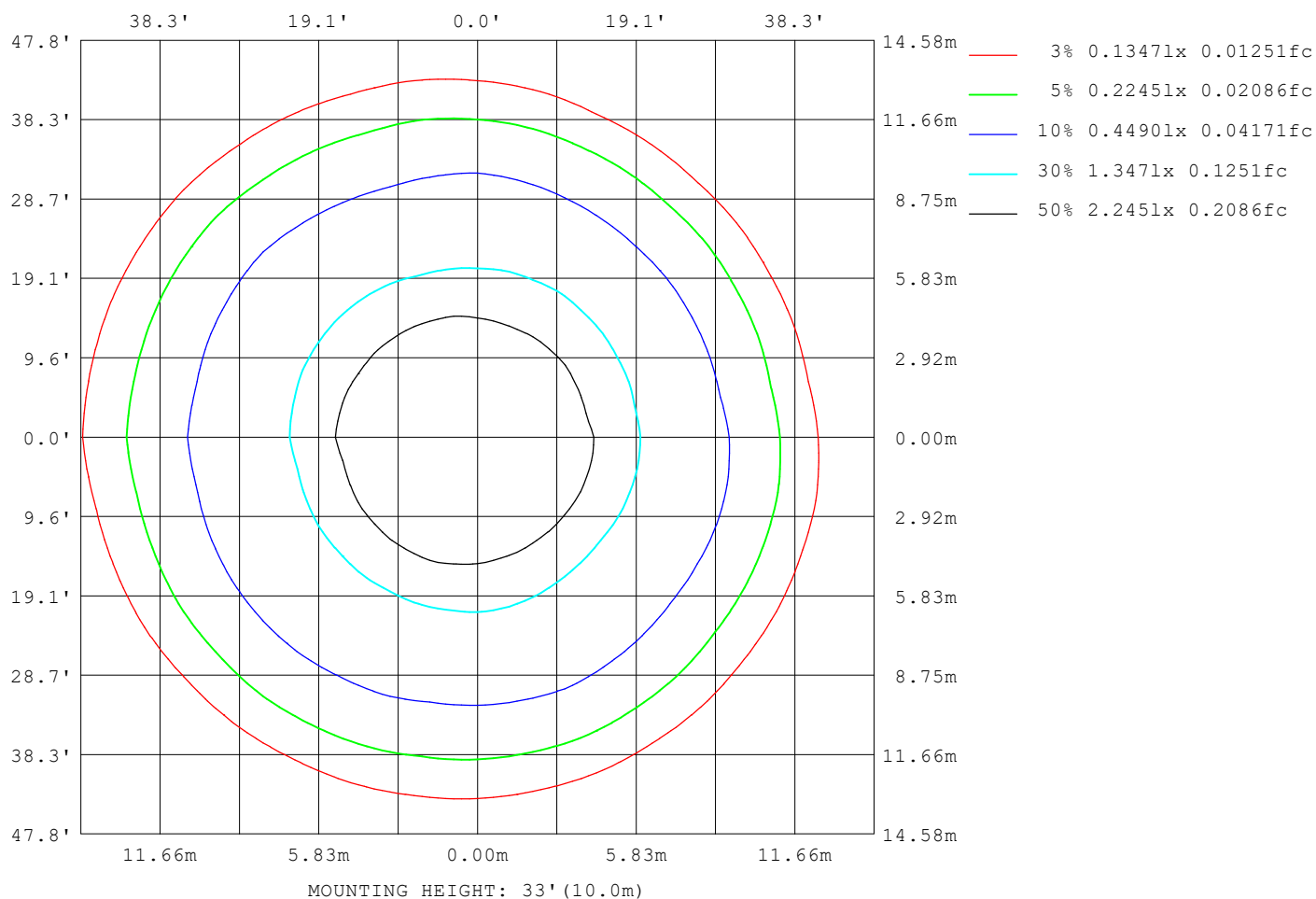
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: CAM
 Test Date: 03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	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:03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D61mm	Shielding Angle:

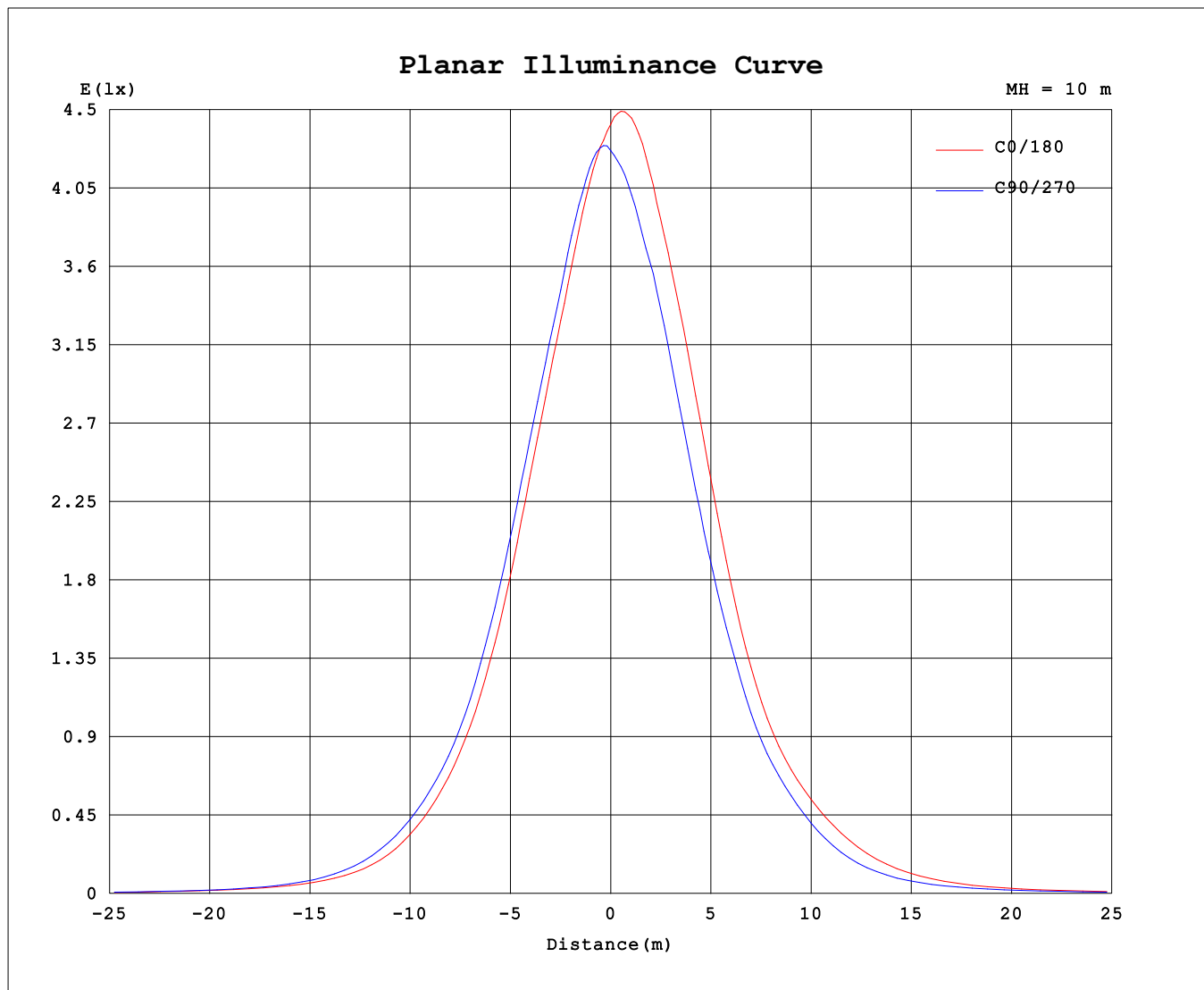
AvgL	cd/m2
L_0~180 (65) av	19562
L_0~180 (75) av	13037
L_0~180 (85) av	7059
L_90~270 (65) av	17068
L_90~270 (75) av	12117
L_90~270 (85) av	6770
L_45 (65) av	17670
L_45 (75) av	12294
L_45 (85) av	8169

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:03 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: 03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm		
NAME: P102017	TYPE: 3000K	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	442	439	436	434	432	431	430	428	428	426	426	425	425	424	424	423	423	422	442
5	420	420	419	420	420	423	423	424	425	427	428	430	431	433	433	434	434	432	452
10	388	389	391	395	397	398	399	400	401	405	408	415	417	421	423	424	422	422	443
15	353	356	357	362	363	366	366	368	369	373	378	385	390	397	401	402	400	400	419
20	316	317	317	321	322	324	324	328	333	340	347	356	362	369	371	372	370	371	390
25	271	270	270	271	270	274	278	286	292	301	307	317	319	325	326	330	329	330	349
30	222	222	220	220	216	221	227	237	245	253	256	263	263	268	268	273	274	278	294
35	175	176	173	172	171	176	182	195	201	204	203	209	209	216	219	224	223	223	237
40	134	138	138	135	135	140	148	158	160	160	159	166	169	176	178	182	181	180	188
45	96.4	100	100	100	101	106	110	117	118	121	122	130	134	140	142	145	146	146	153
50	62.6	65.6	65.6	66.8	67.6	71.0	73.2	77.1	79.1	82.0	84.2	89.4	93.4	98.5	101	105	106	108	115
55	40.3	41.9	42.2	43.0	43.2	44.8	45.5	47.5	48.6	50.6	52.1	54.7	56.7	60.6	63.0	66.8	68.6	70.9	76.4
60	27.1	28.0	28.1	28.1	28.0	28.5	28.9	30.2	30.7	31.5	31.9	33.6	34.5	36.8	38.8	41.1	42.0	43.4	47.7
65	18.8	19.2	19.1	19.1	18.8	19.2	19.6	20.3	20.5	21.1	21.4	22.5	22.9	24.1	24.9	25.9	26.5	27.2	29.7
70	12.5	12.6	12.4	12.6	12.5	12.8	13.1	13.5	13.8	14.3	14.6	15.3	15.6	16.3	16.6	17.2	17.3	17.6	19.3
75	7.48	7.55	7.39	7.56	7.55	7.87	7.98	8.43	8.62	9.09	9.34	9.82	10.0	10.5	10.6	11.0	11.0	11.3	12.3
80	4.15	4.20	4.14	4.23	4.20	4.32	4.34	4.50	4.57	4.77	4.90	5.12	5.28	5.61	5.72	5.94	6.00	6.19	6.86
85	1.38	1.47	1.37	1.52	1.46	1.59	1.63	1.83	1.85	2.09	2.13	2.39	2.43	2.62	2.68	2.91	2.89	2.12	2.23
90	0.03	0.04	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.01	0.03	0.02	0.06	0.01	0.03	0.31	0.24	0.32	0.37
95	0.03	0.08	0.03	0.08	0.02	0.06	0.02	0.05	0.02	0.04	0.02	0.03	0.01	0.03	0.01	0.02	0.01	0.02	0.01
100	0.09	0.14	0.08	0.14	0.07	0.12	0.04	0.11	0.04	0.08	0.03	0.07	0.01	0.06	0.01	0.06	0.02	0.06	0.03
105	0.17	0.23	0.17	0.22	0.15	0.19	0.12	0.17	0.12	0.15	0.09	0.14	0.07	0.12	0.07	0.11	0.06	0.12	0.09
110	0.28	0.34	0.28	0.33	0.25	0.30	0.22	0.26	0.19	0.24	0.18	0.22	0.16	0.20	0.13	0.18	0.13	0.19	0.16
115	0.43	0.48	0.42	0.46	0.39	0.42	0.34	0.38	0.31	0.35	0.27	0.32	0.25	0.30	0.24	0.29	0.23	0.29	0.24
120	0.59	0.64	0.57	0.61	0.54	0.57	0.50	0.53	0.45	0.48	0.41	0.45	0.39	0.43	0.36	0.42	0.35	0.41	0.35
125	0.78	0.82	0.75	0.79	0.71	0.74	0.67	0.69	0.61	0.65	0.57	0.61	0.53	0.57	0.51	0.56	0.51	0.56	0.48
130	0.99	1.03	0.95	0.98	0.90	0.93	0.85	0.88	0.79	0.81	0.74	0.78	0.70	0.74	0.67	0.72	0.67	0.72	0.64
135	1.20	1.24	1.16	1.17	1.09	1.13	1.05	1.07	0.99	1.02	0.93	0.96	0.90	0.93	0.86	0.90	0.85	0.90	0.82
140	1.43	1.45	1.36	1.39	1.31	1.33	1.25	1.28	1.20	1.22	1.13	1.16	1.08	1.13	1.07	1.11	1.04	1.10	1.01
145	1.62	1.65	1.55	1.58	1.50	1.54	1.45	1.48	1.40	1.42	1.34	1.36	1.29	1.33	1.26	1.31	1.24	1.30	1.21
150	1.79	1.83	1.73	1.77	1.68	1.72	1.64	1.68	1.59	1.61	1.53	1.56	1.48	1.52	1.45	1.49	1.43	1.49	1.42
155	1.95	1.98	1.89	1.93	1.85	1.89	1.80	1.85	1.77	1.79	1.71	1.74	1.66	1.71	1.63	1.67	1.62	1.67	1.61
160	2.08	2.12	2.03	2.06	1.98	2.03	1.94	1.99	1.92	1.95	1.87	1.91	1.83	1.86	1.80	1.84	1.79	1.84	1.80
165	2.17	2.21	2.12	2.17	2.10	2.14	2.07	2.12	2.05	2.09	2.01	2.05	1.98	2.02	1.95	2.00	1.94	1.99	1.97
170	2.25	2.27	2.21	2.26	2.18	2.23	2.16	2.21	2.14	2.17	2.11	2.16	2.09	2.14	2.08	2.13	2.08	2.12	2.12
175	2.26	2.27	2.24	2.25	2.23	2.25	2.22	2.23	2.20	2.23	2.18	2.21	2.17	2.21	2.18	2.20	2.16	2.17	2.24
180	2.27	2.27	2.25	2.25	2.24	2.25	2.23	2.23	2.23	2.23	2.21	2.21	2.20	2.21	2.20	2.20	2.17	2.17	2.27

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:03 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:240.44V I:0.0328A P:6.1366W PF:0.7787 Freq:50.00Hz Lamp Flux:580.443x1 lm																	
NAME: P102017									TYPE: 3000K						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	439	436	434	432	431	430	428	428	426	426	425	425	424	424	423	423	422		
5	446	441	437	432	428	424	419	416	412	409	405	403	400	399	399	400	400		
10	436	430	421	414	406	401	396	392	388	384	380	378	371	372	371	371	370		
15	411	402	392	382	375	372	370	368	362	355	344	341	337	338	338	338	338		
20	379	369	358	351	343	340	337	333	322	315	308	307	304	303	299	300	299		
25	340	332	321	317	310	303	294	290	279	274	270	270	267	267	263	263	261		
30	290	287	278	273	265	257	243	241	235	233	229	230	224	221	217	218	215		
35	235	236	232	226	218	207	195	192	189	191	184	179	172	168	165	164	165		
40	187	188	186	182	172	160	152	150	151	148	139	132	127	126	124	123	124		
45	147	147	146	145	134	124	117	116	114	108	102	98.0	93.6	92.9	90.7	90.8	90.0		
50	111	110	108	105	96.5	90.3	83.7	82.0	77.0	72.9	66.6	63.2	60.3	59.7	58.3	58.8	58.5		
55	74.4	72.9	70.2	67.5	62.5	58.7	54.0	51.5	47.8	44.5	41.2	39.0	36.7	36.2	35.6	36.7	37.4		
60	46.4	45.8	43.6	42.2	39.1	36.8	34.1	32.5	30.7	29.2	27.2	25.8	24.5	24.1	23.8	24.3	25.0		
65	28.9	28.6	27.6	27.0	25.4	24.1	22.5	22.0	21.2	20.4	19.2	18.7	18.0	17.7	17.4	17.6	17.7		
70	18.8	18.6	18.0	18.0	17.0	16.3	15.5	15.2	14.6	14.1	13.4	13.1	12.6	12.4	12.1	12.1	12.0		
75	12.1	12.0	11.6	11.5	10.9	10.7	10.1	9.79	9.28	9.01	8.50	8.28	7.90	7.77	7.50	7.48	7.32		
80	6.70	6.72	6.43	6.32	5.85	5.53	5.14	5.00	4.84	4.77	4.64	4.56	4.31	4.31	4.12	4.17	4.04		
85	3.32	3.32	3.08	2.70	2.13	1.81	1.52	1.46	1.37	1.54	1.64	1.75	1.74	1.77	1.59	1.62	1.45		
90	0.54	0.28	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00		
95	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.04	0.01	0.04	0.00		
100	0.00	0.04	0.00	0.04	0.00	0.05	0.00	0.06	0.00	0.06	0.01	0.07	0.02	0.08	0.03	0.09	0.03		
105	0.03	0.08	0.03	0.09	0.04	0.11	0.05	0.11	0.06	0.12	0.07	0.12	0.08	0.15	0.10	0.16	0.10		
110	0.10	0.16	0.10	0.17	0.11	0.17	0.12	0.18	0.14	0.20	0.15	0.21	0.17	0.24	0.19	0.24	0.18		
115	0.18	0.25	0.19	0.25	0.20	0.28	0.22	0.29	0.24	0.29	0.25	0.33	0.28	0.34	0.29	0.35	0.30		
120	0.29	0.35	0.30	0.37	0.32	0.38	0.34	0.40	0.36	0.43	0.39	0.46	0.42	0.48	0.43	0.50	0.44		
125	0.43	0.48	0.44	0.50	0.46	0.52	0.48	0.55	0.52	0.58	0.54	0.61	0.57	0.64	0.59	0.66	0.61		
130	0.59	0.64	0.59	0.66	0.62	0.69	0.64	0.72	0.68	0.75	0.72	0.80	0.75	0.81	0.77	0.83	0.79		
135	0.76	0.82	0.77	0.84	0.80	0.86	0.82	0.89	0.86	0.94	0.90	0.97	0.94	1.01	0.97	1.03	0.98		
140	0.95	1.01	0.96	1.03	0.99	1.06	1.02	1.10	1.07	1.14	1.10	1.18	1.14	1.21	1.16	1.21	1.17		
145	1.15	1.20	1.16	1.24	1.20	1.26	1.22	1.29	1.26	1.33	1.31	1.38	1.33	1.39	1.35	1.41	1.36		
150	1.35	1.40	1.35	1.43	1.39	1.46	1.41	1.49	1.45	1.53	1.49	1.56	1.52	1.57	1.52	1.58	1.54		
155	1.55	1.61	1.54	1.62	1.58	1.65	1.60	1.67	1.63	1.70	1.66	1.72	1.68	1.74	1.69	1.75	1.71		
160	1.73	1.80	1.72	1.79	1.75	1.82	1.76	1.84	1.79	1.85	1.81	1.88	1.82	1.88	1.83	1.89	1.83		
165	1.89	1.95	1.89	1.95	1.90	1.95	1.91	1.99	1.93	2.00	1.94	2.00	1.95	2.01	1.95	2.00	1.95		
170	2.05	2.10	2.05	2.09	2.03	2.08	2.02	2.09	2.03	2.10	2.05	2.11	2.05	2.10	2.04	2.11	2.04		
175	2.17	2.23	2.17	2.22	2.15	2.21	2.14	2.20	2.13	2.19	2.14	2.20	2.14	2.19	2.13	2.18	2.13		
180	2.25	2.25	2.24	2.26	2.23	2.23	2.22	2.22	2.21	2.21	2.20	2.20	2.20	2.20	2.18	2.18	2.17		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:03 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: