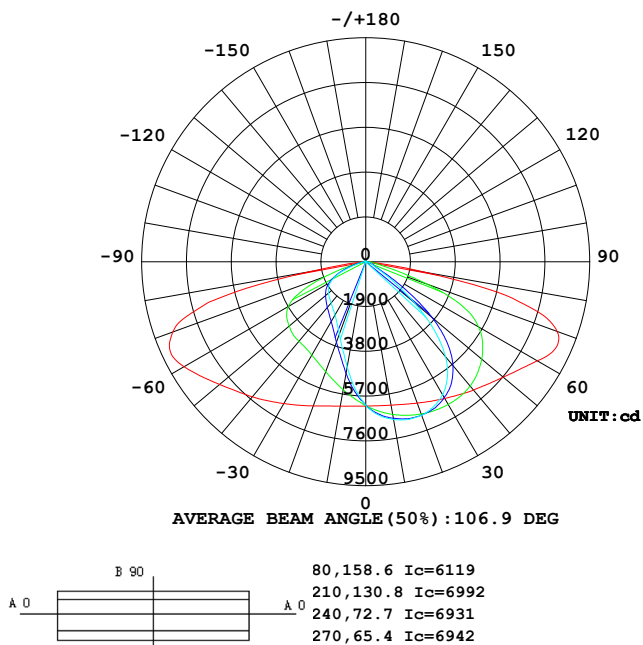


LUMINAIRE PHOTOMETRIC TEST REPORT

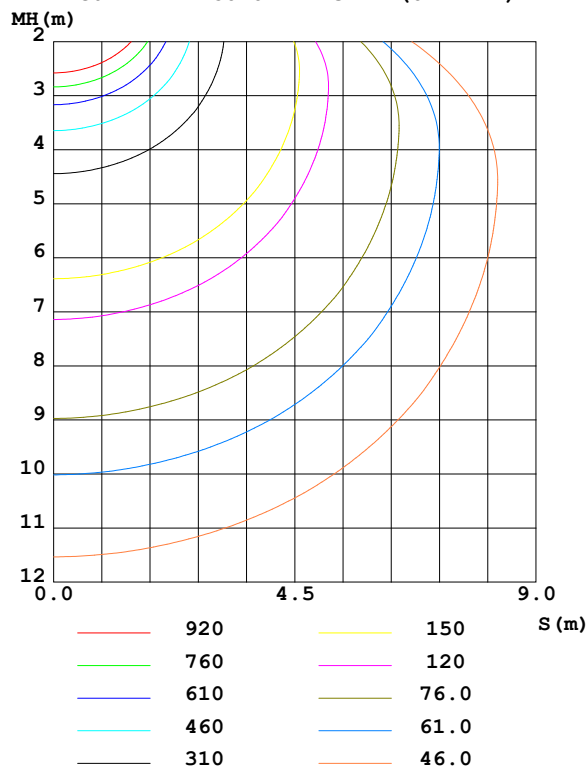
Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:20895.7x1 lm		
NAME: MCL-GL100	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	9129	S/MH (C0/180)	1.83
NOMINAL POWER(W)	100	LOR (%)	100.0	S/MH (C90/270)	0.64
RATED VOLTAGE (V)	50	TOTAL FLUX(lm)	20896	η UP,DN (C0-180)	0.5,56.7
NOMINAL FLUX(lm)	20895.7	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.5,42.3
LAMPS INSIDE	1	η up (%)	1.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	--	η down (%)	99.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2026-08-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [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	6175	6675	6795	6666	6221	5128	4529	5032	0- 10	570.7	570.7	2.73,2.73
20	6379	6935	6930	6960	6509	4139	3279	4012	10- 20	1629	2200	10.5,10.5
30	6695	6844	6511	6909	6945	3437	2615	3290	20- 30	2552	4752	22.7,22.7
40	7103	6298	5262	6368	7484	3024	2288	2848	30- 40	3298	8050	38.5,38.5
50	7616	4941	2659	5008	8093	2630	2066	2468	40- 50	3706	11756	56.3,56.3
60	8408	1954	576.0	2063	8902	2033	1720	1948	50- 60	3599	15355	73.5,73.5
70	8634	339.3	287.0	357.6	8703	1022	839.5	1013	60- 70	3207	18562	88.8,88.8
80	2483	142.4	130.4	144.0	2385	205.7	159.7	198.4	70- 80	1875	20437	97.8,97.8
90	40.14	12.60	10.26	10.59	65.76	28.53	10.17	22.25	80- 90	247.2	20684	99,99
100	36.25	16.40	11.71	13.48	34.01	17.55	11.12	19.70	90-100	20.56	20704	99.1,99.1
110	42.17	23.49	18.39	19.42	38.34	25.82	19.65	28.87	100-110	24.29	20729	99.2,99.2
120	47.45	29.76	29.36	25.22	43.53	34.94	49.98	38.31	110-120	30.72	20759	99.3,99.3
130	50.20	35.84	29.60	30.08	46.34	41.15	42.07	46.57	120-130	33.43	20793	99.5,99.5
140	54.15	41.31	32.82	34.47	52.48	45.49	47.14	52.15	130-140	32.44	20825	99.7,99.7
150	54.19	44.99	38.45	37.81	53.29	48.44	50.32	53.41	140-150	28.69	20854	99.8,99.8
160	54.41	47.85	43.18	41.29	53.48	51.94	53.14	54.16	150-160	22.30	20876	99.9,99.9
170	55.14	51.23	48.37	45.74	54.88	54.37	55.05	53.91	160-170	14.33	20891	100,100
180	55.83	54.12	53.15	51.10	55.87	54.07	53.21	51.07	170-180	5.005	20896	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 9884.2 lm

%lum = 47.3%

%lamp = 47.3%

Conical surface Flux(120deg): 15355 lm

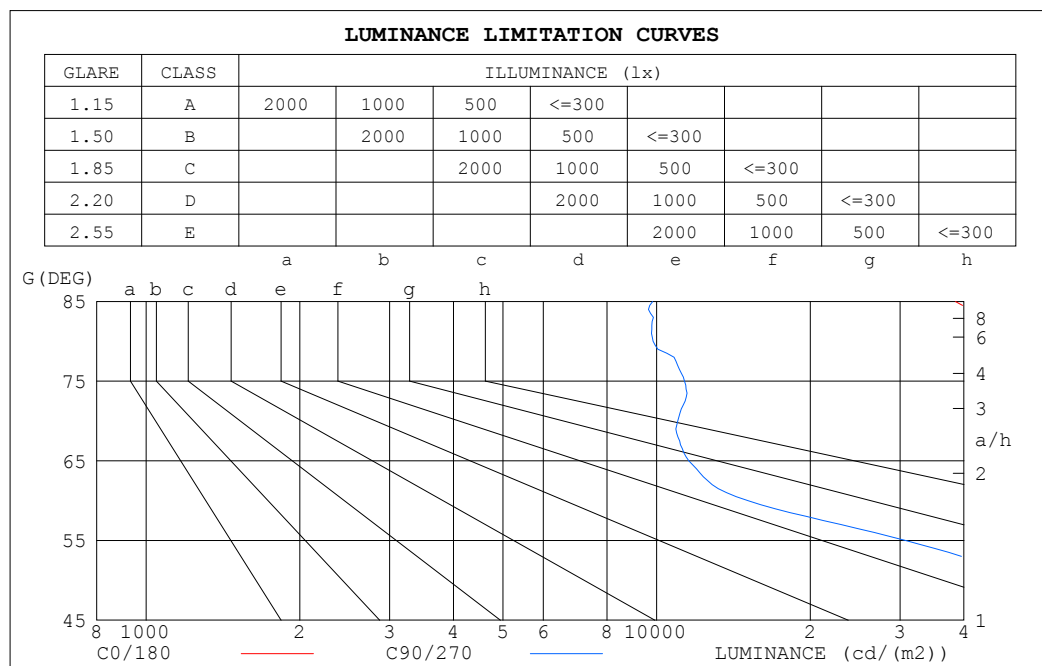
%lum = 73.5%

%lamp = 73.5%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: 10.0deg/s
 Temperature:25.3°C
 Operators:
 Test Date:2026-08-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES



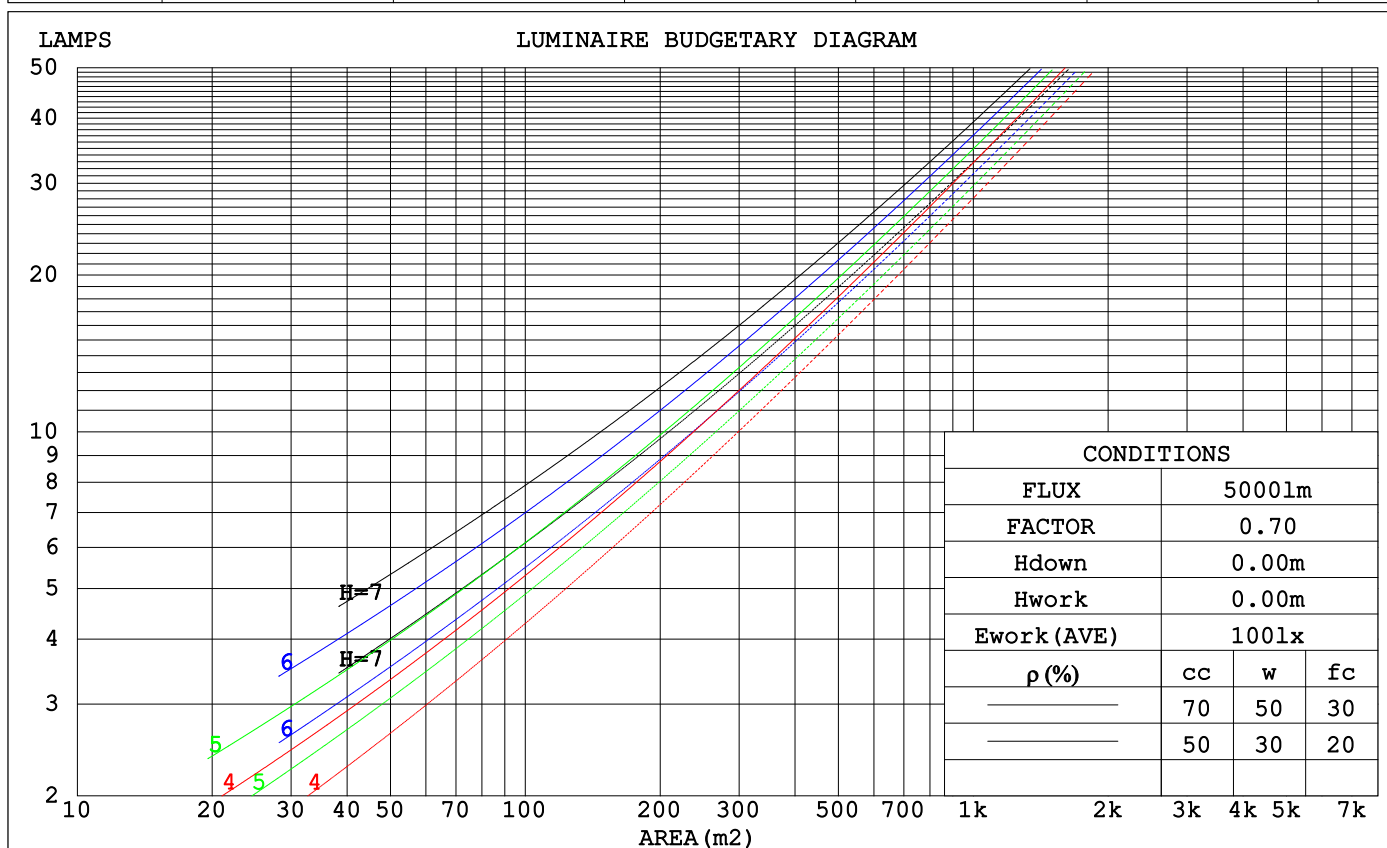
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	38524	9821
80	187536	9847
75	351652	11339
70	331077	11005
65	274014	11568
60	220538	15108
55	182069	30767
50	155392	54258
45	136009	76487

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2026-08-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.03	.98	.94	1.01	.96	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.89	.81	.75	.87	.80	.74	.83	.77	.72	.79	.75	.71	.76	.72	.69	.66
3.0	.77	.68	.61	.75	.67	.61	.72	.65	.60	.69	.63	.58	.66	.61	.57	.55
4.0	.68	.58	.51	.66	.57	.51	.63	.56	.50	.61	.54	.49	.59	.53	.48	.46
5.0	.60	.50	.43	.59	.50	.43	.56	.49	.43	.54	.47	.42	.52	.46	.41	.39
6.0	.54	.44	.37	.53	.44	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.34
7.0	.48	.39	.33	.47	.39	.33	.46	.38	.32	.44	.37	.32	.43	.36	.32	.30
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.26
9.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.23
10.0	.37	.29	.23	.36	.29	.23	.35	.28	.23	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2026-08-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

WEC AND CCEC

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	.324	.184	.058	.316	.180	.057	.302	.173	.055	.289	.167	.054	.278	.161	.052		
2.0	.307	.168	.052	.301	.166	.051	.288	.160	.050	.277	.155	.049	.266	.151	.047		
3.0	.284	.151	.045	.278	.149	.045	.267	.145	.044	.257	.141	.043	.248	.137	.042		
4.0	.261	.136	.040	.256	.134	.040	.246	.131	.039	.237	.127	.038	.229	.124	.038		
5.0	.241	.123	.036	.236	.121	.035	.227	.118	.035	.219	.116	.034	.211	.113	.034		
6.0	.222	.111	.032	.218	.110	.032	.210	.108	.031	.203	.105	.031	.196	.103	.031		
7.0	.206	.102	.029	.202	.101	.029	.195	.099	.028	.189	.097	.028	.183	.095	.028		
8.0	.192	.094	.026	.189	.093	.026	.182	.091	.026	.176	.089	.026	.171	.088	.026		
9.0	.179	.087	.024	.176	.086	.024	.171	.084	.024	.165	.083	.024	.160	.081	.024		
10.0	.168	.081	.022	.166	.080	.022	.160	.079	.022	.156	.077	.022	.151	.076	.022		

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	.198	.198	.198	.169	.169	.169	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.189	.164	.141	.162	.141	.121	.111	.097	.084	.064	.056	.049	.020	.018	.016	
2.0	.182	.140	.104	.156	.120	.090	.107	.083	.063	.062	.048	.037	.020	.016	.012	
3.0	.175	.122	.080	.150	.105	.070	.103	.073	.049	.060	.043	.029	.019	.014	.009	
4.0	.168	.109	.064	.144	.094	.056	.099	.066	.039	.057	.039	.023	.018	.013	.008	
5.0	.160	.099	.054	.138	.086	.047	.095	.060	.033	.055	.035	.020	.018	.011	.006	
6.0	.153	.091	.046	.132	.079	.040	.091	.055	.028	.053	.032	.017	.017	.011	.006	
7.0	.146	.084	.040	.126	.073	.035	.087	.051	.025	.050	.030	.015	.016	.010	.005	
8.0	.140	.078	.036	.120	.068	.031	.083	.048	.022	.048	.028	.013	.016	.009	.004	
9.0	.133	.073	.033	.115	.063	.028	.080	.045	.020	.046	.026	.012	.015	.009	.004	
10.0	.127	.069	.030	.110	.060	.026	.076	.042	.019	.044	.025	.011	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2026-08-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

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	33.2	34.7	33.4	35.0	35.2	24.7	26.3	25.0	26.5	26.7
3H	36.9	38.4	37.3	38.7	38.9	24.6	26.1	24.9	26.3	26.6
4H	38.6	40.0	38.9	40.2	40.5	24.6	26.0	24.9	26.2	26.5
6H	39.3	40.6	39.6	40.9	41.2	24.6	25.9	24.9	26.2	26.5
8H	39.3	40.6	39.7	40.9	41.2	24.5	25.8	24.9	26.1	26.4
12H	39.3	40.5	39.6	40.8	41.1	24.5	25.7	24.9	26.0	26.4
4H 2H	33.0	34.4	33.3	34.7	35.0	26.1	27.5	26.4	27.7	28.0
3H	36.9	38.1	37.3	38.5	38.8	26.0	27.2	26.4	27.5	27.9
4H	38.7	39.8	39.1	40.2	40.5	26.0	27.1	26.4	27.4	27.8
6H	39.7	40.7	40.1	41.0	41.4	26.0	27.0	26.4	27.3	27.7
8H	39.8	40.7	40.2	41.1	41.5	26.0	26.9	26.4	27.3	27.7
12H	39.8	40.6	40.2	41.0	41.4	25.9	26.8	26.4	27.2	27.6
8H 4H	38.6	39.5	39.0	39.9	40.3	27.0	28.0	27.5	28.3	28.8
6H	39.6	40.4	40.0	40.8	41.2	27.0	27.8	27.5	28.2	28.7
8H	39.7	40.4	40.2	40.8	41.3	27.0	27.7	27.5	28.2	28.6
12H	39.8	40.4	40.3	40.8	41.3	27.1	27.6	27.5	28.1	28.6
12H 4H	38.5	39.4	39.0	39.8	40.2	27.3	28.1	27.7	28.5	29.0
6H	39.5	40.2	40.0	40.7	41.1	27.3	28.0	27.8	28.4	28.9
8H	39.7	40.3	40.2	40.7	41.2	27.3	27.9	27.8	28.4	28.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 1.3 / - 1.9				
1.5H	+ 0.5 / - 0.5					+ 0.8 / - 1.0				
2.0H	+ 0.2 / - 0.3					+ 2.3 / - 3.6				

CIE Pub.117, 20896 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.6$)
Area: 0.07625 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3°C
Operators:
Test Date:2026-08-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

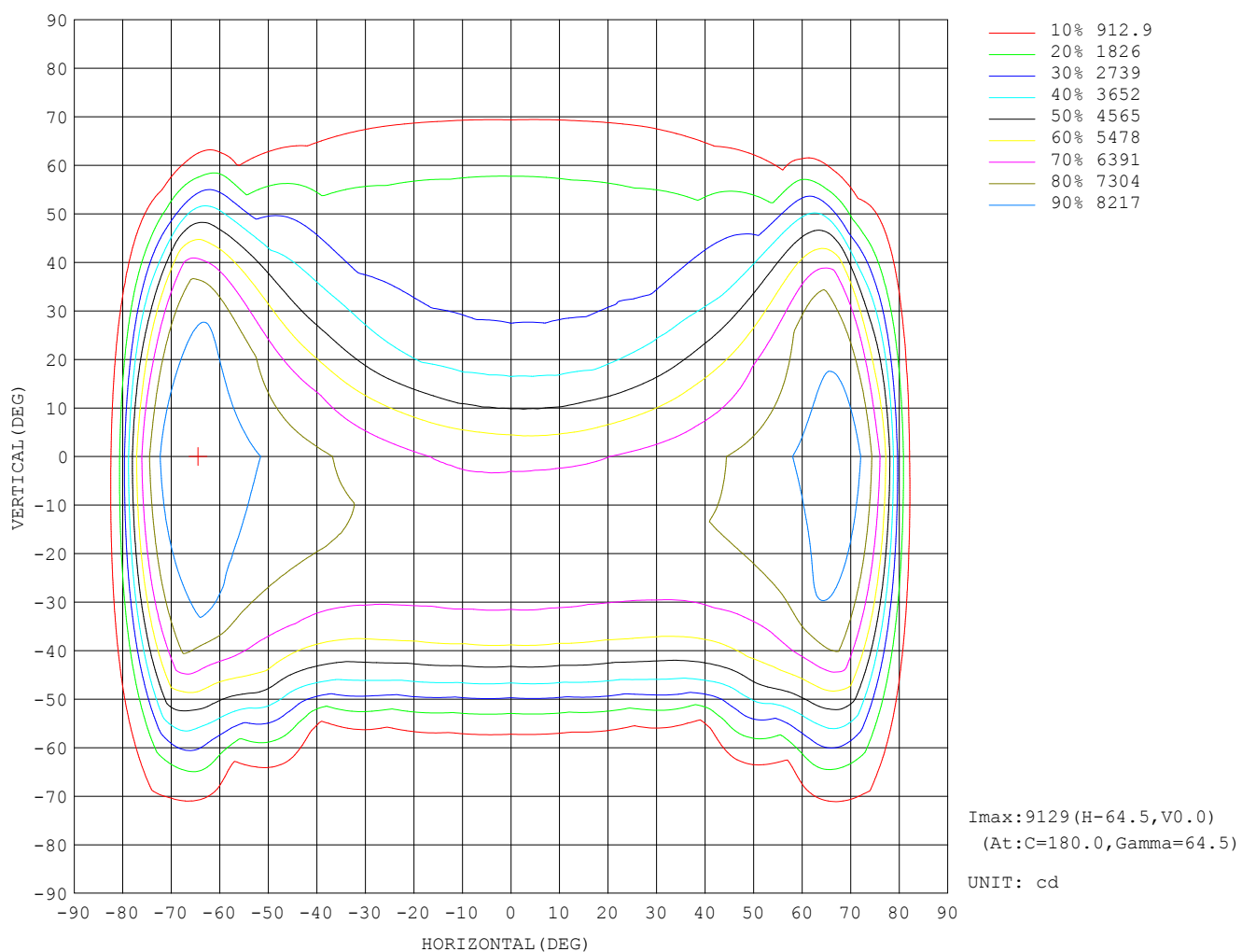
UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	34	28
0.80	64	52	44	63	51	44	61	51	43	36
1.00	73	61	53	71	60	53	69	62	52	44
1.25	80	69	61	78	68	61	76	66	60	52
1.50	85	75	67	84	74	67	80	72	65	57
2.00	93	84	77	91	82	76	87	80	74	66
2.50	97	89	82	95	87	81	91	84	79	70
3.00	101	93	88	98	92	86	94	89	84	75
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	103	99	105	101	97	101	97	94	84
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3°C
 Operators:
 Test Date: 2026-08-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
 Humidity: 65.0%
 Test Distance: 9.000m [K=1.0000]
 Remarks:

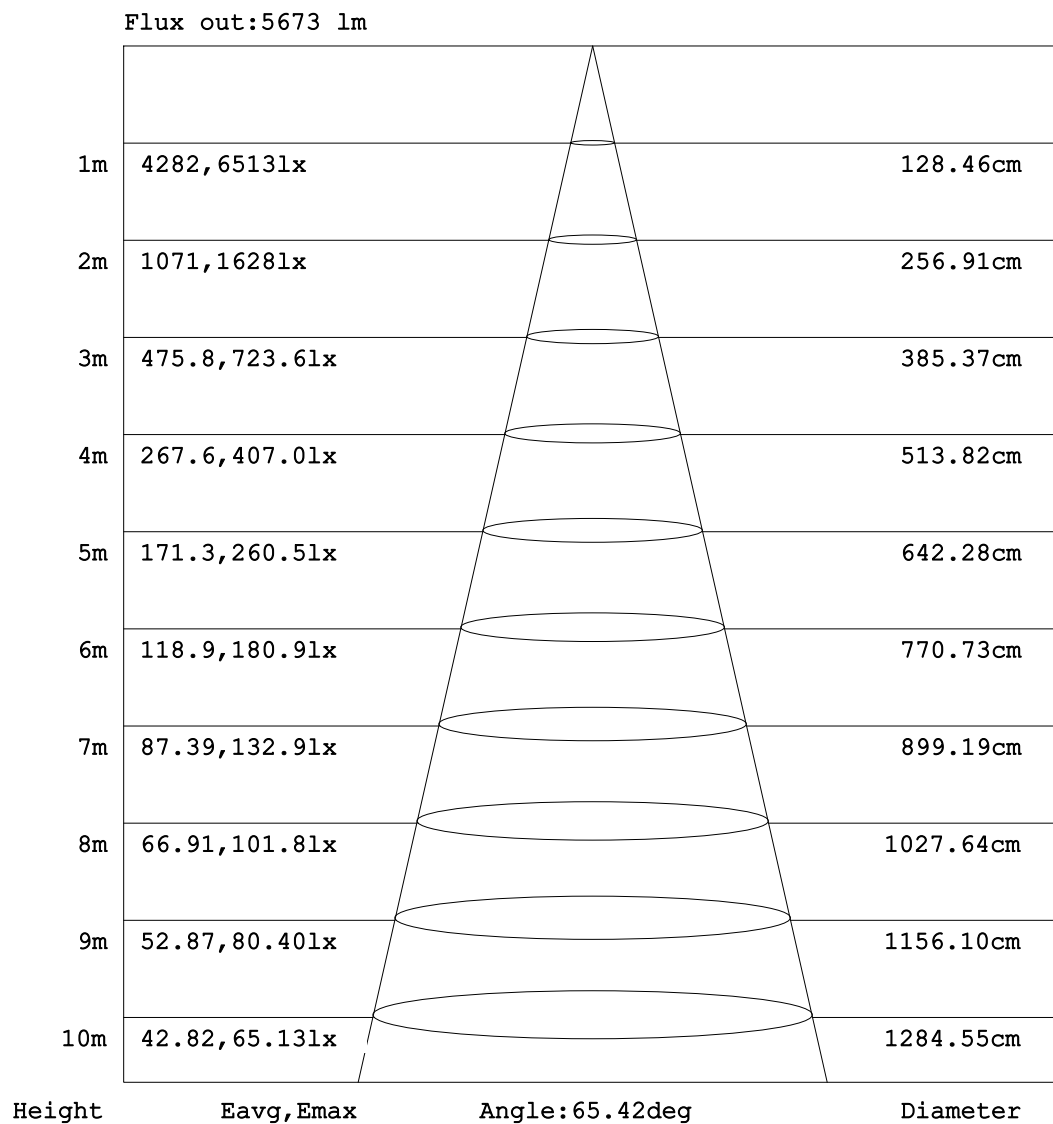
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2026-08-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

AAI Figure

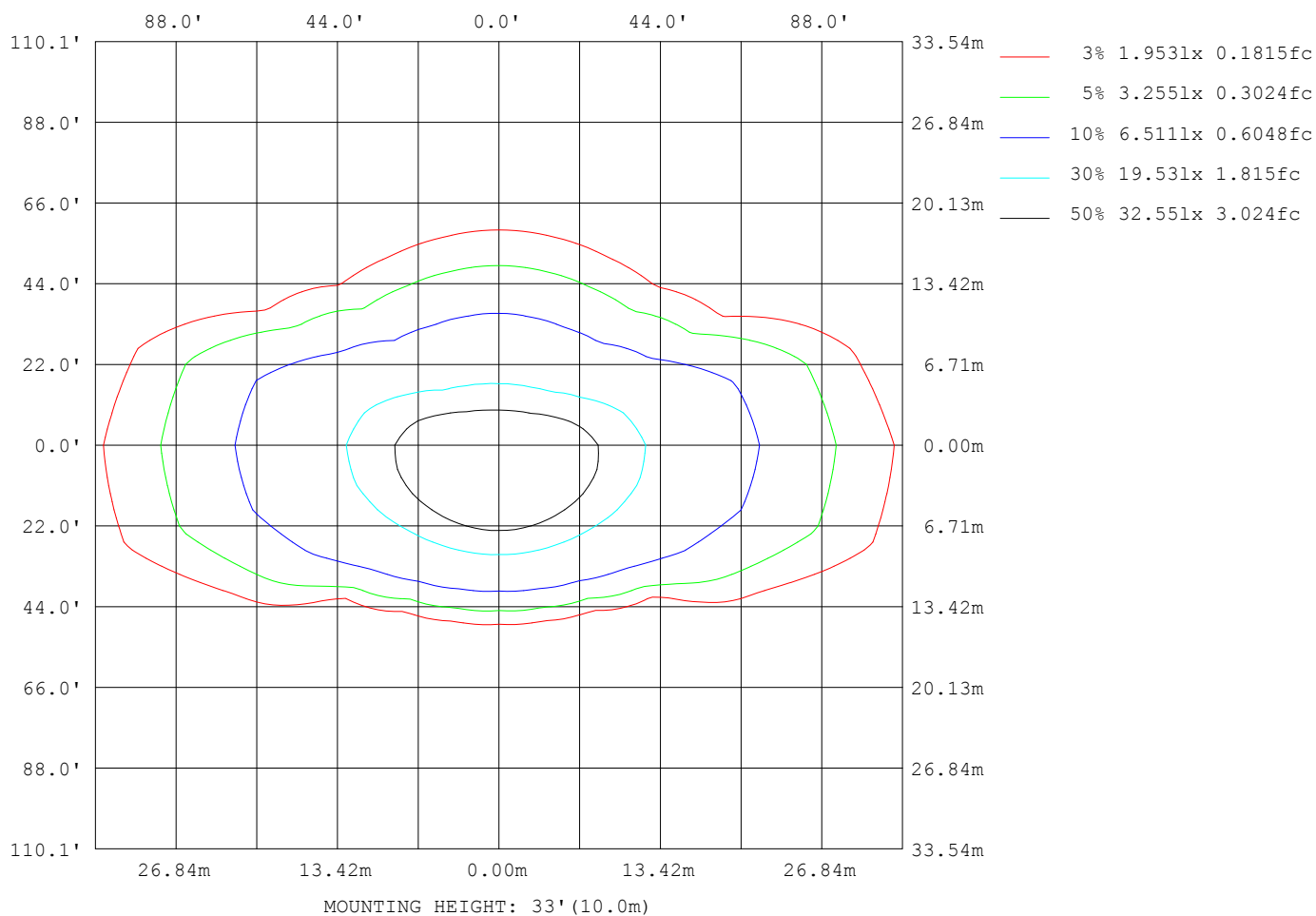


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3°C
 Operators:
 Test Date: 2026-08-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
 Humidity: 65.0%
 Test Distance: 9.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2026-08-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:20895.7x1 lm		
NAME: MCL-GL100	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

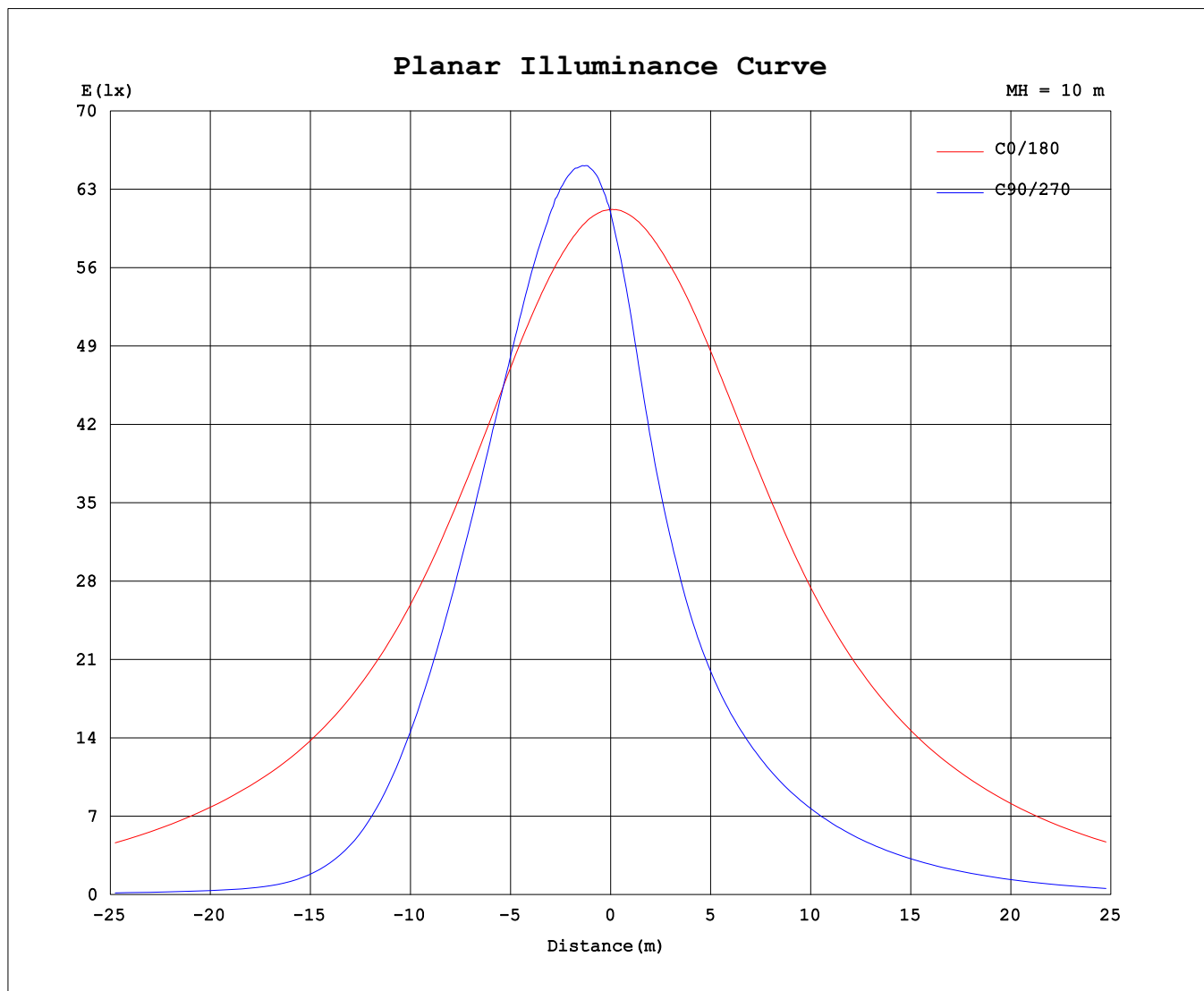
AvgL	cd/m2
L_0~180 (65) av	278613
L_0~180 (75) av	355419
L_0~180 (85) av	40296
L_90~270 (65) av	27201
L_90~270 (75) av	15582
L_90~270 (85) av	8234
L_45 (65) av	33157
L_45 (75) av	19275
L_45 (85) av	13457

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2026-08-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature: 25.3°C
Operators:
Test Date: 2026-08-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	6119	6108	6106	6087	6082	6070	6088	6054	6049	6034	6030	6020	6119	6108	6106	6087	6082	6070	6088
5	6131	6252	6358	6430	6490	6517	6542	6515	6479	6403	6315	6190	6148	5990	5810	5649	5511	5419	5380
10	6175	6405	6571	6675	6740	6782	6795	6780	6746	6666	6561	6378	6221	5897	5517	5128	4807	4600	4529
15	6261	6567	6743	6834	6893	6910	6918	6924	6908	6861	6761	6576	6335	5855	5222	4595	4141	3902	3818
20	6379	6719	6873	6935	6930	6922	6930	6934	6952	6960	6924	6771	6509	5867	4968	4139	3638	3373	3279
25	6529	6868	6955	6924	6859	6801	6785	6821	6896	6986	7043	6986	6713	5920	4744	3748	3230	2975	2885
30	6695	7009	6989	6844	6651	6559	6511	6568	6695	6909	7102	7184	6945	6001	4576	3437	2932	2692	2615
35	6889	7140	6979	6635	6319	6101	6031	6116	6355	6708	7114	7358	7207	6137	4458	3207	2713	2497	2430
40	7103	7257	6885	6298	5761	5397	5262	5404	5797	6368	7049	7509	7484	6347	4406	3024	2535	2346	2288
45	7333	7350	6692	5743	4907	4328	4124	4337	4941	5816	6889	7648	7759	6557	4365	2841	2377	2221	2178
50	7616	7454	6423	4941	3671	2891	2659	2907	3708	5008	6635	7784	8093	6859	4241	2630	2227	2100	2066
55	7963	7570	6051	3760	2055	1479	1346	1504	2116	3832	6307	7935	8493	7283	4093	2369	2058	1943	1926
60	8408	7722	5529	1954	762	626	576	639	811	2063	5842	8103	8902	7761	3789	2033	1798	1725	1720
65	8830	8091	4603	532	403	392	373	400	415	610	4962	8343	9126	8101	3053	1586	1429	1379	1380
70	8634	7999	2734	339	317	302	287	305	322	358	2988	8014	8703	7547	1803	1022	957	884	840
75	6940	6376	994	249	224	232	224	238	229	254	1062	6438	7089	4698	699	505	531	416	391
80	2483	2935	447	142	147	143	130	148	151	144	453	3080	2385	812	269	206	218	173	160
85	256	766	229	72.5	69.2	68.7	65.3	72.2	72.5	73.1	231	736	280	228	119	111	93.0	52.6	44.2
90	40.1	94.8	32.6	12.6	9.22	8.96	10.3	10.4	13.8	10.6	23.1	91.8	65.8	57.7	45.8	28.5	15.3	9.53	10.2
95	34.1	30.0	20.8	13.1	8.75	9.04	10.4	10.6	9.32	10.9	17.9	27.2	38.3	31.6	21.3	13.9	8.24	7.83	9.77
100	36.2	32.8	24.3	16.4	11.1	10.5	11.7	11.7	11.0	13.5	20.8	29.0	34.0	31.5	24.9	17.6	11.1	9.71	11.1
105	39.1	36.1	28.3	20.0	13.7	12.4	14.5	13.3	13.0	16.4	24.1	31.8	35.7	33.8	28.5	21.6	15.2	13.2	14.4
110	42.2	39.1	31.6	23.5	16.7	15.6	18.4	15.8	15.4	19.4	27.1	34.5	38.3	36.9	32.2	25.8	20.2	18.2	19.7
115	45.3	41.9	34.4	26.6	19.9	19.7	21.8	19.0	18.0	22.3	29.6	37.0	41.3	39.9	35.8	30.4	25.5	26.6	35.6
120	47.5	44.5	37.3	29.8	23.2	24.9	29.4	23.3	20.8	25.2	32.2	38.8	43.5	42.0	39.1	34.9	30.5	34.9	50.0
125	48.9	47.1	40.4	32.9	27.3	27.1	29.2	24.9	24.5	28.0	34.1	39.2	45.0	43.2	41.4	38.6	35.5	35.9	38.7
130	50.2	49.1	43.2	35.8	31.0	28.2	29.6	26.3	27.6	30.1	35.3	39.2	46.3	44.5	43.3	41.2	39.7	39.3	42.1
135	52.5	51.0	45.3	38.7	33.7	29.8	30.6	28.0	29.9	32.3	36.2	40.5	49.0	47.5	45.4	43.5	42.9	41.9	44.6
140	54.1	52.4	47.0	41.3	36.1	32.1	32.8	30.5	31.9	34.5	37.8	42.4	52.5	50.5	47.7	45.5	44.8	44.0	47.1
145	54.3	52.9	48.1	43.5	38.8	34.9	35.6	33.6	34.3	36.4	39.4	43.6	53.3	51.4	49.0	47.1	45.9	46.0	48.9
150	54.2	53.0	49.1	45.0	41.3	38.3	38.5	36.7	36.6	37.8	40.5	44.1	53.3	51.8	50.3	48.4	47.7	48.2	50.3
155	54.2	53.1	49.7	46.4	43.2	41.3	40.9	39.5	38.7	39.4	41.4	44.5	53.3	52.4	51.4	50.2	49.6	50.2	51.6
160	54.4	53.4	50.4	47.9	45.4	44.1	43.2	42.1	41.2	41.3	42.6	45.1	53.5	52.8	52.5	51.9	51.7	52.3	53.1
165	54.7	53.8	51.2	49.4	47.8	46.8	45.7	44.7	43.6	43.3	44.1	46.0	54.1	53.3	53.4	53.2	53.4	53.9	54.7
170	55.1	54.5	52.4	51.2	50.1	49.2	48.4	47.3	46.2	45.7	46.1	47.3	54.9	53.9	54.2	54.4	54.4	54.7	55.1
175	55.8	55.2	53.4	52.8	52.1	51.5	50.9	50.0	49.0	48.4	48.5	49.2	55.7	54.5	54.7	54.7	54.6	54.6	54.8
180	55.8	55.4	54.3	54.1	53.7	53.5	53.2	52.6	51.8	51.1	50.8	50.7	55.9	54.4	54.3	54.1	53.8	53.5	53.2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: 10.0deg/s
Temperature:25.3℃
Operators:
Test Date:2026-08-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.463
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	6054	6049	6034	6030	6020													
5	5397	5461	5571	5713	5867													
10	4576	4747	5032	5393	5764													
15	3872	4077	4486	5066	5670													
20	3342	3566	4012	4771	5630													
25	2940	3152	3613	4511	5608													
30	2655	2855	3290	4291	5627													
35	2459	2628	3049	4119	5696													
40	2306	2449	2848	4000	5839													
45	2186	2300	2664	3903	5999													
50	2072	2161	2468	3738	6250													
55	1933	2008	2239	3543	6616													
60	1722	1774	1948	3202	7112													
65	1387	1432	1546	2550	7588													
70	892	969	1013	1562	7132													
75	417	541	513	634	3749													
80	176	217	198	253	677													
85	50.8	87.8	101	107	217													
90	11.7	14.8	22.3	38.1	43.7													
95	10.6	11.7	15.6	22.5	30.3													
100	12.2	14.6	19.7	26.7	32.5													
105	15.4	18.8	24.3	30.7	35.2													
110	20.2	23.9	28.9	34.7	38.2													
115	27.9	29.2	33.5	38.4	41.2													
120	36.6	34.0	38.3	42.3	43.5													
125	38.6	39.5	42.8	46.3	45.6													
130	41.7	43.8	46.6	49.8	48.1													
135	44.0	46.9	49.9	52.6	51.0													
140	46.1	49.9	52.2	54.2	54.1													
145	48.2	51.4	53.3	54.1	54.0													
150	50.7	52.2	53.4	54.4	53.7													
155	52.3	53.0	53.8	54.3	53.2													
160	54.0	54.1	54.2	53.9	52.6													
165	55.1	54.8	54.1	53.4	52.2													
170	55.1	54.8	53.9	53.0	52.3													
175	54.5	53.8	53.0	52.2	51.7													
180	52.6	51.8	51.1	50.8	50.6													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: 10.0deg/s
 Temperature: 25.3°C
 Operators:
 Test Date: 2026-08-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.463
 Humidity: 65.0%
 Test Distance: 9.000m [K=1.0000]
 Remarks: