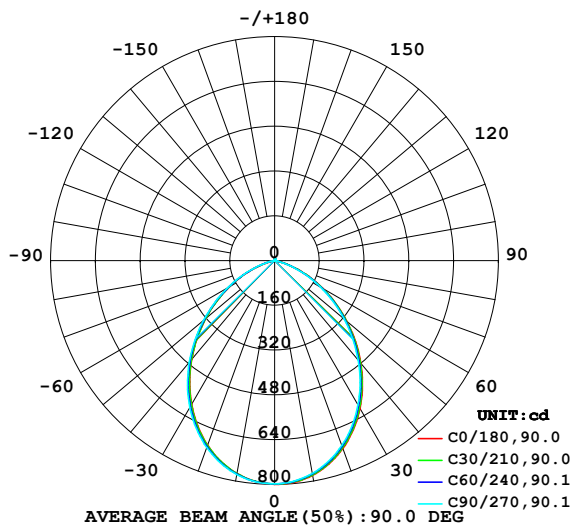


LUMINAIRE PHOTOMETRIC TEST REPORT

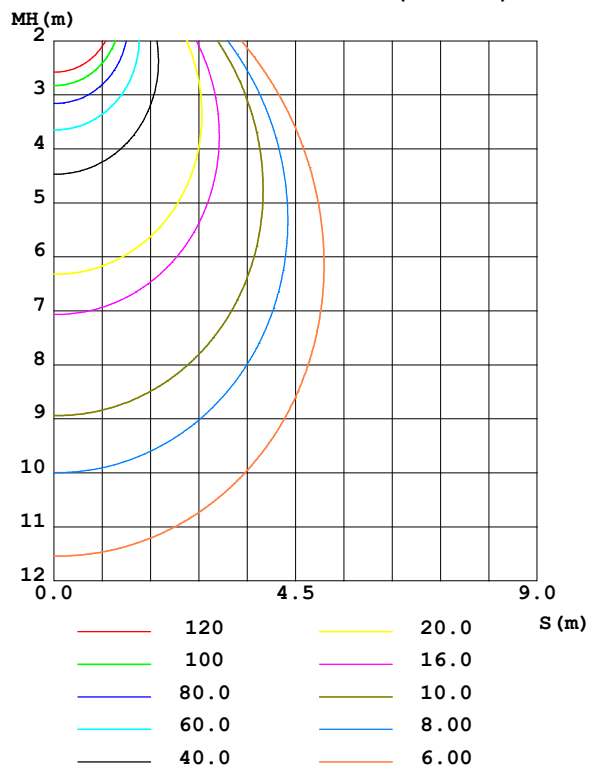
Test:U:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.04 lm/W			
MODEL	XY-1002	I _{max} (cd)	799.2	S/MH(C0/180)	1.12
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1630.3	η UP,DN(C0-180)	0.4,49.2
NOMINAL FLUX(lm)	1630.28	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,50.0
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down (%)	99.3	CIBSE SHR MAX	1.25

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:01 August 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	779.4	776.1	772.5	769.8	772.8	773.9	776.5	778.8	0- 10	75.05	75.05	4.6,4.6
20	714.2	708.8	702.8	698.0	701.6	704.8	710.5	715.2	10- 20	209.9	285.0	17.5,17.5
30	610.3	603.8	596.2	589.8	593.3	598.4	606.1	612.9	20- 30	302.4	587.4	36,36
40	479.7	473.3	465.0	457.5	461.3	466.6	474.9	483.4	30- 40	335.7	923.2	56.6,56.6
50	337.0	332.4	324.6	315.8	321.0	324.2	331.4	341.5	40- 50	307.7	1231	75.5,75.5
60	198.3	195.6	189.2	179.6	185.4	186.4	192.9	202.0	50- 60	231.0	1462	89.7,89.7
70	77.77	75.10	69.61	63.11	65.03	69.23	73.59	78.36	60- 70	127.7	1590	97.5,97.5
80	0.4684	0.5087	0.3986	0.3063	0.1950	0.3658	0.4877	0.6736	70- 80	28.32	1618	99.2,99.2
90	0.1459	0.1660	0.1974	0.1855	0.1461	0.1098	0.1011	0.0983	80- 90	0.1696	1618	99.3,99.3
100	0.4602	0.5053	0.5516	0.5474	0.4437	0.3936	0.3537	0.3534	90-100	0.3018	1618	99.3,99.3
110	1.005	1.045	1.101	1.118	0.9284	0.8761	0.8245	0.8117	100-110	0.7302	1619	99.3,99.3
120	1.701	1.734	1.804	1.817	1.585	1.508	1.448	1.421	110-120	1.273	1620	99.4,99.4
130	2.457	2.485	2.555	2.594	2.304	2.218	2.133	2.120	120-130	1.777	1622	99.5,99.5
140	3.250	3.262	3.348	3.383	3.083	2.981	2.891	2.883	130-140	2.116	1624	99.6,99.6
150	3.969	3.993	4.082	4.110	3.825	3.745	3.649	3.649	140-150	2.194	1627	99.8,99.8
160	4.559	4.581	4.677	4.674	4.480	4.388	4.322	4.301	150-160	1.935	1628	99.9,99.9
170	4.974	5.019	5.048	5.078	4.975	4.899	4.817	4.829	160-170	1.338	1630	100,100
180	5.165	5.191	5.149	5.179	5.177	5.188	5.143	5.171	170-180	0.4824	1630	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:01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz

Lamp Flux:1630.28x1 lm

NAME:

TYPE: 2700K

WEIGHT:

SPEC.:

DIM.:

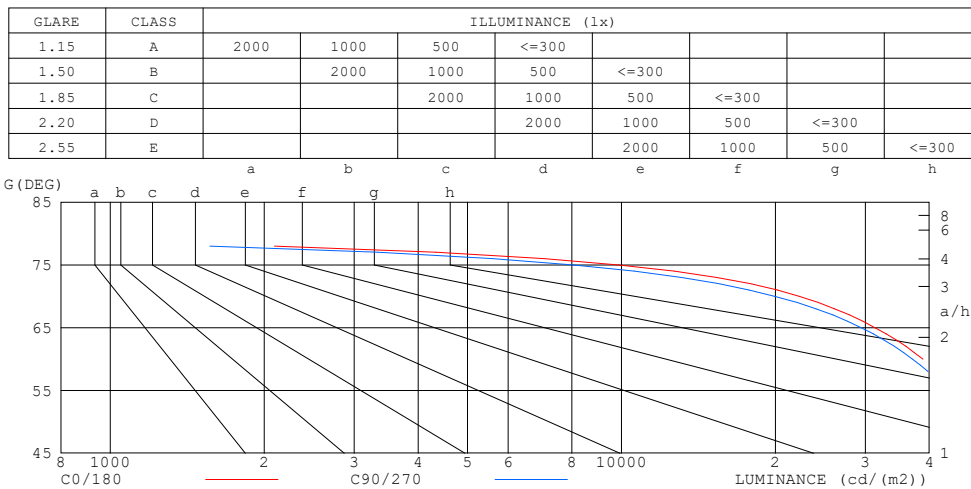
SERIAL No.:

MFR.:

SUR.: D114

Shielding Angle:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	171	158
80	264	225
75	9889	8060
70	22287	19950
65	31341	29435
60	38866	37084
55	45498	43668
50	51391	49505
45	56685	54728

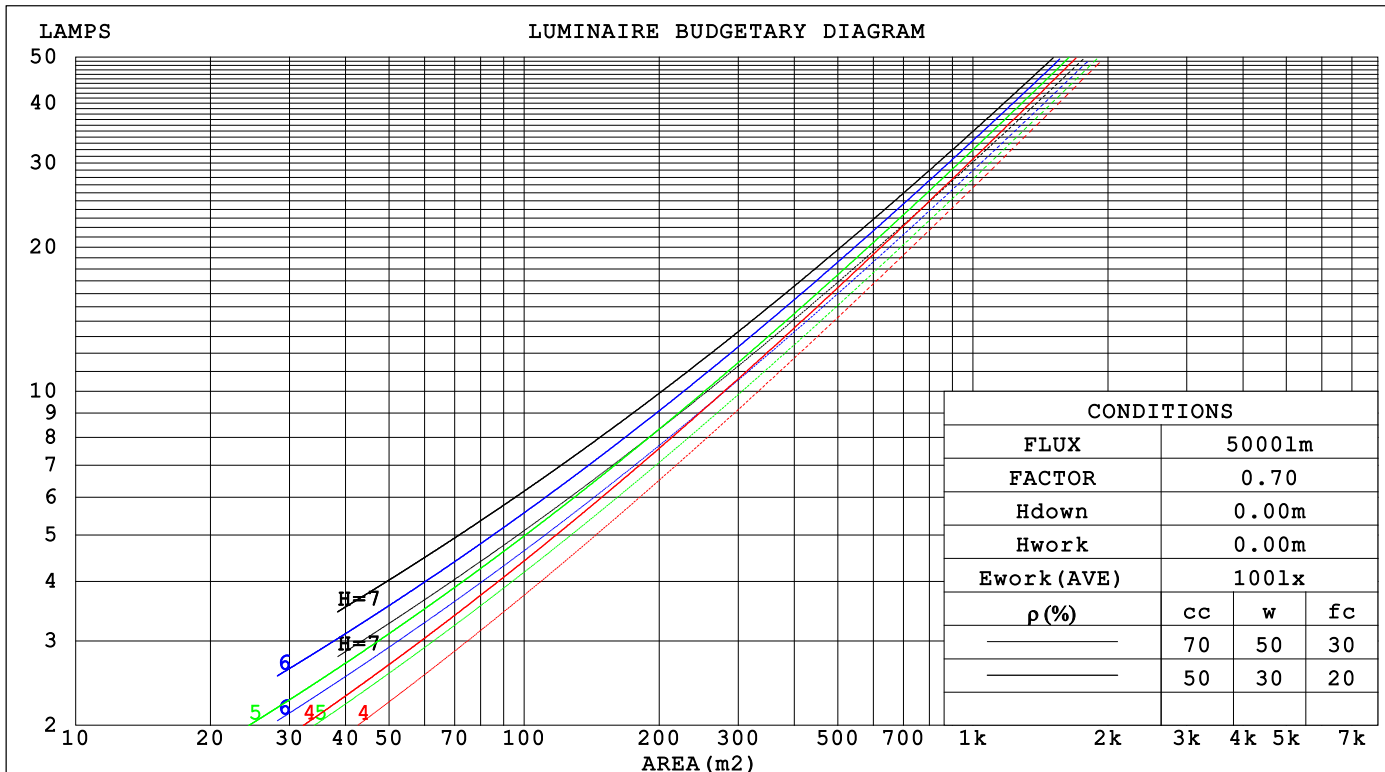
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	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	1.07	1.04	1.00	1.05	1.02	.99	1.00	.98	.96	.96	.94	.93	.93	.91	.90	.88
2.0	.95	.90	.85	.94	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.73	.69	.76	.72	.68	.66
4.0	.77	.69	.63	.75	.68	.63	.73	.67	.62	.71	.65	.61	.68	.64	.60	.58
5.0	.69	.61	.55	.68	.61	.55	.66	.59	.54	.64	.58	.54	.62	.57	.53	.51
6.0	.63	.55	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.57	.51	.47	.45
7.0	.57	.49	.44	.57	.49	.44	.55	.48	.43	.54	.47	.43	.52	.47	.43	.41
8.0	.53	.45	.39	.52	.44	.39	.51	.44	.39	.49	.43	.39	.48	.43	.38	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33
10.0	.45	.38	.33	.44	.37	.33	.43	.37	.32	.43	.36	.32	.42	.36	.32	.30



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm					
NAME:		TYPE: 2700K		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.: D114		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	.246	.140	.044	.239	.136	.043	.226	.130	.041	.214	.123	.040	.202	.117	.038		
2.0	.242	.133	.041	.236	.130	.040	.224	.125	.039	.213	.120	.037	.203	.115	.036		
3.0	.231	.123	.037	.225	.121	.036	.215	.116	.035	.205	.113	.035	.197	.109	.034		
4.0	.218	.113	.033	.213	.111	.033	.204	.108	.032	.195	.105	.032	.188	.102	.031		
5.0	.205	.104	.030	.200	.103	.030	.192	.100	.029	.185	.098	.029	.178	.095	.029		
6.0	.193	.097	.028	.189	.095	.027	.182	.093	.027	.175	.091	.027	.169	.089	.026		
7.0	.181	.090	.025	.178	.089	.025	.171	.087	.025	.165	.085	.025	.160	.083	.024		
8.0	.171	.083	.023	.168	.083	.023	.162	.081	.023	.157	.079	.023	.151	.078	.023		
9.0	.161	.078	.022	.159	.077	.022	.153	.076	.021	.148	.074	.021	.144	.073	.021		
10.0	.153	.073	.020	.150	.073	.020	.145	.071	.020	.141	.070	.020	.137	.069	.020		

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	.182	.162	.145	.155	.139	.125	.106	.096	.086	.061	.055	.050	.020	.018	.016		
2.0	.171	.138	.110	.147	.119	.095	.101	.082	.066	.058	.048	.039	.019	.015	.013		
3.0	.163	.120	.086	.139	.103	.074	.096	.072	.052	.055	.042	.031	.018	.014	.010		
4.0	.155	.106	.069	.133	.092	.060	.091	.064	.042	.053	.037	.025	.017	.012	.008		
5.0	.148	.095	.057	.127	.083	.049	.087	.058	.035	.051	.034	.021	.016	.011	.007		
6.0	.141	.087	.048	.121	.075	.042	.084	.053	.030	.048	.031	.018	.016	.010	.006		
7.0	.135	.080	.041	.116	.069	.036	.080	.049	.026	.046	.029	.015	.015	.009	.005		
8.0	.129	.074	.036	.111	.064	.032	.077	.045	.023	.045	.027	.013	.014	.009	.004		
9.0	.123	.069	.033	.106	.060	.028	.073	.042	.020	.043	.025	.012	.014	.008	.004		
10.0	.118	.065	.030	.102	.056	.026	.071	.040	.018	.041	.023	.011	.013	.008	.004		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm											
NAME:					TYPE: 2700K			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: D114			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		24.1	25.4	24.3	25.6	25.8	23.9	25.2	24.2	25.4	25.6
3H		24.7	25.9	24.9	26.1	26.4	24.4	25.6	24.7	25.9	26.1
4H		24.7	25.8	25.0	26.1	26.4	24.4	25.6	24.7	25.8	26.1
6H		24.6	25.7	24.9	25.9	26.2	24.3	25.4	24.6	25.7	25.9
8H		24.5	25.6	24.9	25.9	26.2	24.2	25.3	24.6	25.6	25.9
12H		24.5	25.5	24.8	25.8	26.1	24.2	25.2	24.5	25.5	25.8
4H 2H		24.4	25.5	24.7	25.8	26.0	24.2	25.4	24.5	25.6	25.9
3H		25.0	26.0	25.4	26.3	26.6	24.8	25.8	25.2	26.1	26.4
4H		25.1	26.0	25.5	26.3	26.7	24.8	25.7	25.2	26.1	26.4
6H		25.0	25.8	25.4	26.1	26.5	24.7	25.5	25.1	25.9	26.3
8H		24.9	25.7	25.4	26.1	26.4	24.7	25.4	25.1	25.8	26.2
12H		24.9	25.6	25.3	26.0	26.4	24.6	25.3	25.1	25.7	26.1
8H 4H		25.0	25.7	25.4	26.1	26.5	24.8	25.5	25.2	25.9	26.3
6H		24.9	25.5	25.4	25.9	26.4	24.7	25.3	25.1	25.7	26.1
8H		24.9	25.4	25.3	25.8	26.3	24.6	25.2	25.1	25.6	26.1
12H		24.8	25.3	25.3	25.7	26.2	24.6	25.0	25.1	25.5	26.0
12H 4H		25.0	25.6	25.4	26.0	26.4	24.7	25.4	25.1	25.8	26.2
6H		24.9	25.4	25.3	25.8	26.3	24.6	25.2	25.1	25.6	26.1
8H		24.8	25.3	25.3	25.7	26.2	24.6	25.0	25.1	25.5	26.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.5 / - 0.7					+ 0.6 / - 0.7				
1.5H		+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H		+ 0.9 / - 1.0					+ 0.9 / - 1.1				

CIE Pub.117, 1630 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.7)
Area: 0.010202 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

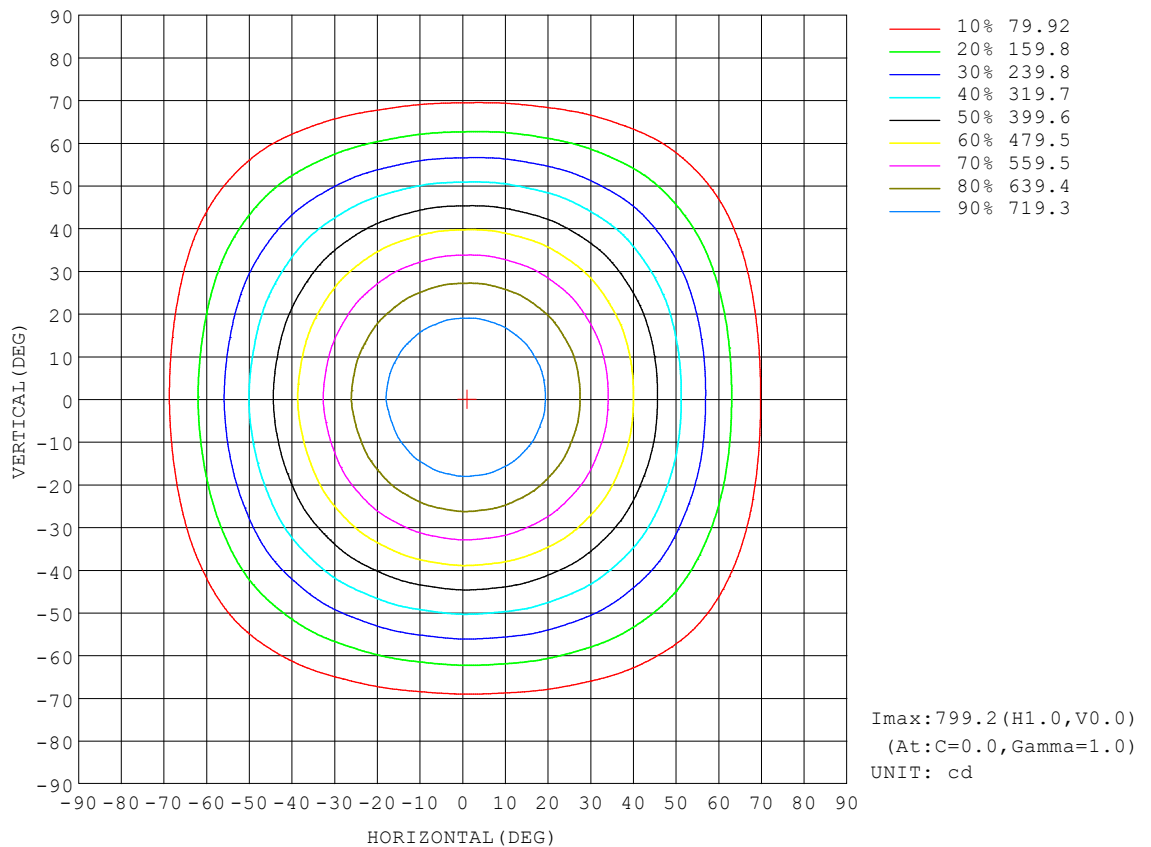
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	72	63	57	51
1.00	83	73	67	82	73	67	79	74	66	60
1.25	89	81	75	88	80	74	86	79	73	67
1.50	94	86	80	92	85	80	90	83	78	72
2.00	100	93	88	98	92	87	95	90	85	78
2.50	103	97	92	101	95	91	97	93	89	81
3.00	106	100	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	99	103	99	97	88
5.00	111	107	104	109	105	102	104	102	99	90
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: 01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

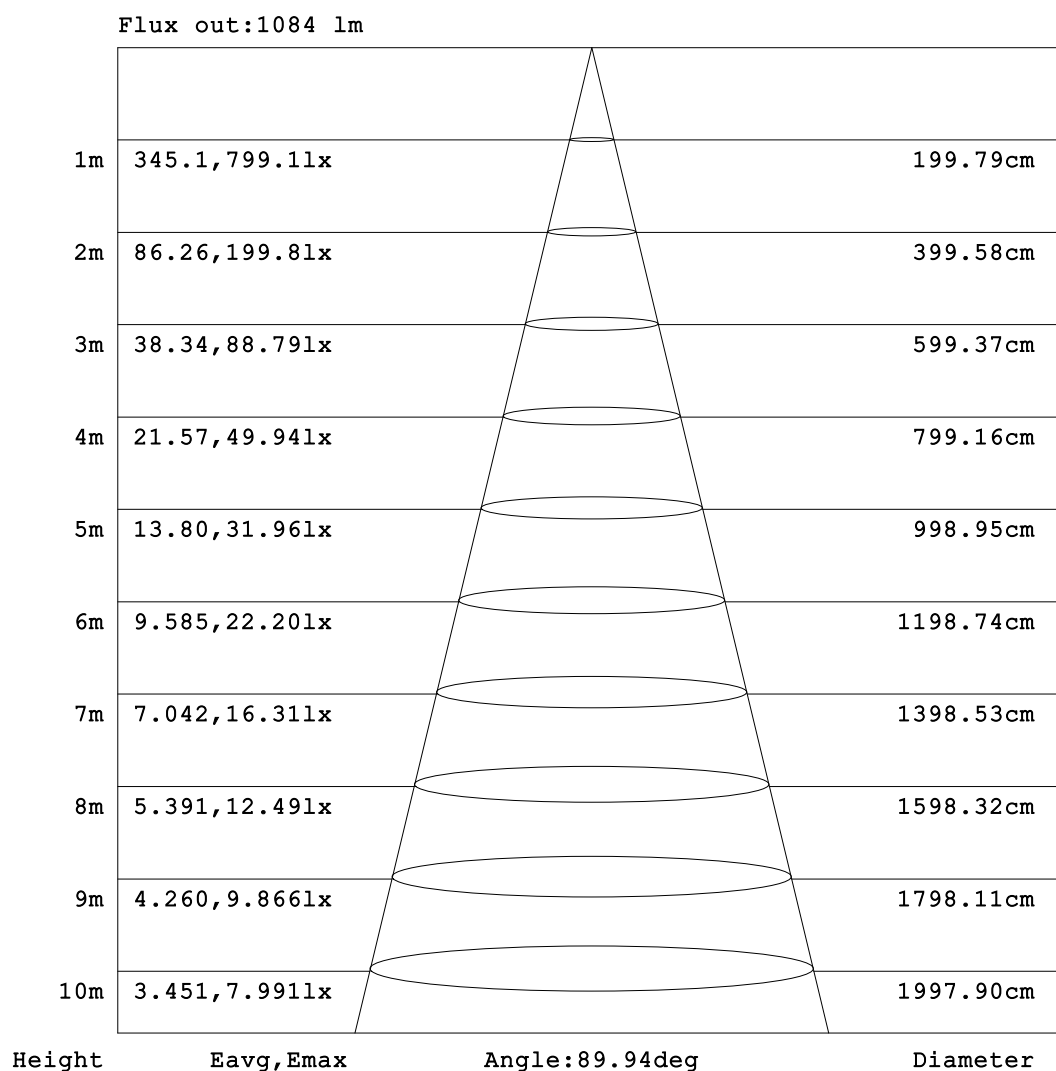


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:



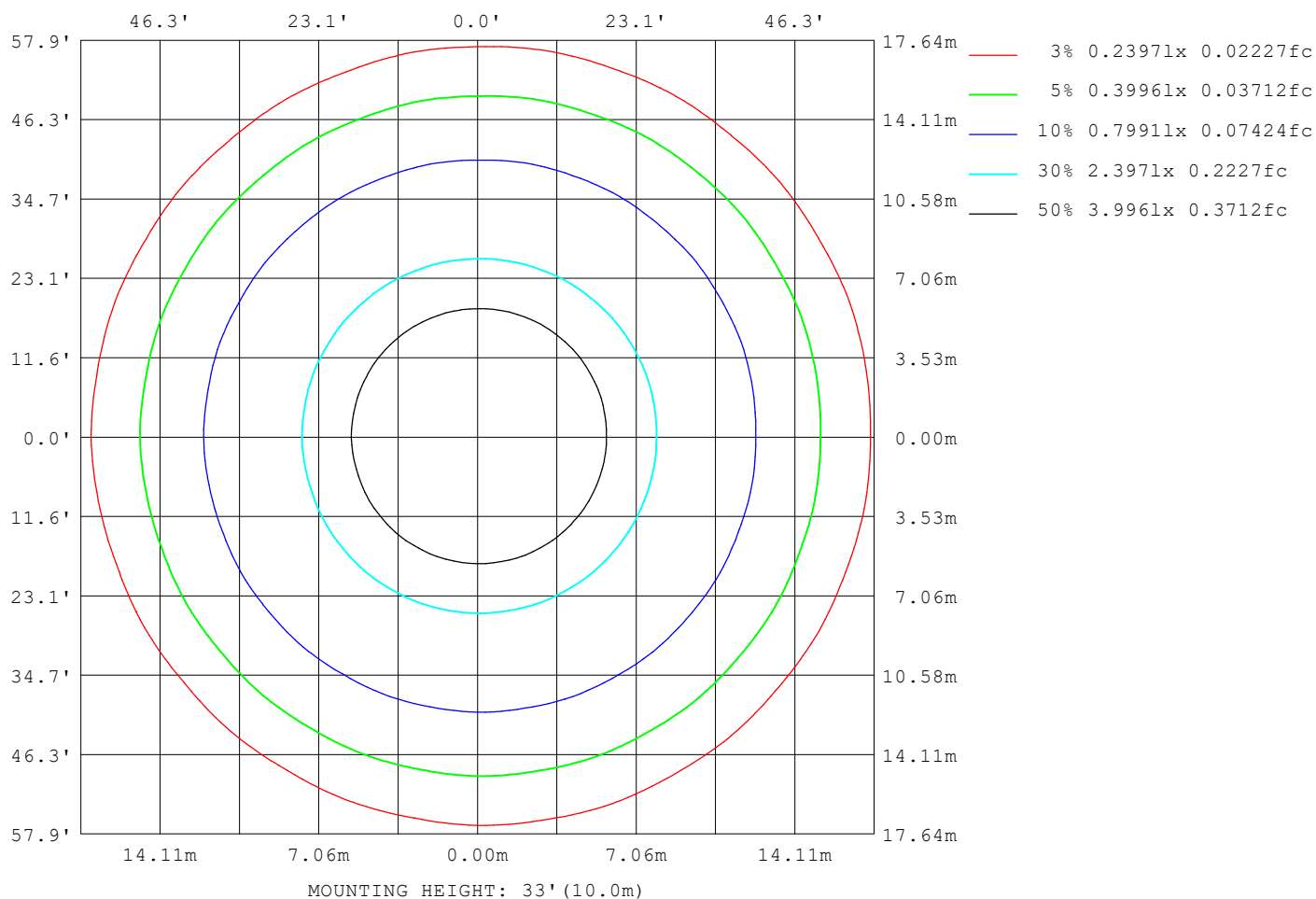
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:CAM
 Test Date:01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

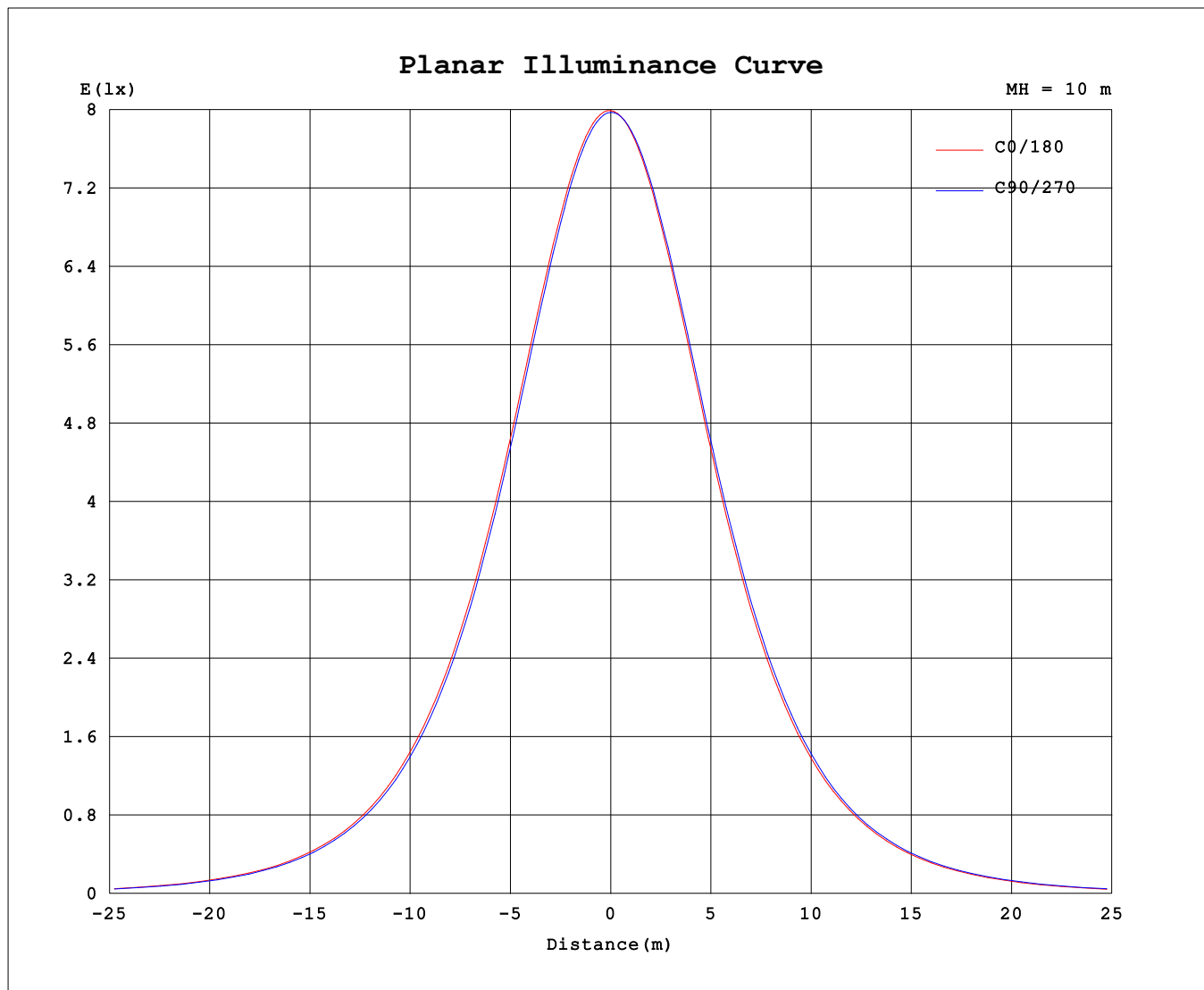
AvgL	cd/m2
L_0~180 (65) av	29927
L_0~180 (75) av	7748
L_0~180 (85) av	130
L_90~270 (65) av	29861
L_90~270 (75) av	8839
L_90~270 (85) av	139
L_45 (65) av	29750
L_45 (75) av	8917
L_45 (85) av	122

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 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: 01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	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	799	799	798	798	798	798	798	798	797	797	797	797	797	797	797	797	797	797	799
5	795	795	794	794	793	793	792	792	791	791	790	790	789	790	789	789	789	789	792
10	779	779	778	778	776	776	774	774	773	772	771	771	770	770	769	770	769	770	773
15	752	752	750	750	748	747	746	745	743	743	741	741	739	740	738	739	738	739	742
20	714	714	712	711	709	709	706	706	703	703	700	700	698	699	697	698	697	698	702
25	666	666	664	663	661	660	657	657	654	653	651	651	648	649	647	648	646	648	652
30	610	610	607	607	604	604	600	600	596	596	593	593	590	591	589	590	588	589	593
35	548	548	544	544	541	541	537	537	533	533	529	529	527	527	525	525	523	525	529
40	480	480	477	477	473	473	470	469	465	465	461	461	458	459	456	457	455	457	461
45	409	409	406	406	403	403	400	399	395	395	391	391	388	388	385	387	385	387	391
50	337	338	334	335	332	333	329	329	325	325	320	320	316	318	314	316	314	317	321
55	266	267	264	265	262	263	260	260	256	256	251	251	247	248	245	247	245	248	252
60	198	199	196	198	195	196	193	193	190	189	185	184	180	181	178	180	178	182	185
65	135	136	134	135	133	133	130	130	128	127	124	122	119	119	117	118	117	119	123
70	77.8	79.0	77.5	77.6	75.3	74.9	72.5	72.3	69.9	69.6	67.2	66.8	64.5	64.4	61.8	59.9	57.3	59.6	65.0
75	26.1	27.0	26.5	27.4	25.7	25.4	23.5	23.1	21.3	21.3	19.8	19.9	18.6	19.1	16.2	11.4	6.76	9.23	14.8
80	0.47	0.50	0.52	0.52	0.53	0.49	0.48	0.44	0.44	0.40	0.41	0.36	0.38	0.32	0.29	0.16	0.19	0.15	0.19
85	0.15	0.14	0.15	0.13	0.15	0.13	0.16	0.14	0.15	0.14	0.15	0.13	0.13	0.12	0.12	0.13	0.11	0.12	0.08
90	0.15	0.18	0.15	0.19	0.14	0.19	0.14	0.19	0.14	0.20	0.16	0.20	0.16	0.21	0.16	0.21	0.16	0.23	0.15
95	0.26	0.31	0.27	0.33	0.28	0.34	0.29	0.34	0.29	0.34	0.30	0.35	0.31	0.37	0.31	0.37	0.32	0.38	0.26
100	0.46	0.51	0.47	0.52	0.48	0.53	0.48	0.53	0.49	0.55	0.50	0.56	0.52	0.57	0.53	0.58	0.53	0.59	0.44
105	0.71	0.76	0.72	0.77	0.72	0.78	0.74	0.79	0.75	0.81	0.77	0.81	0.78	0.83	0.79	0.84	0.79	0.85	0.66
110	1.00	1.05	1.00	1.06	1.02	1.07	1.03	1.08	1.04	1.10	1.07	1.11	1.08	1.14	1.10	1.14	1.10	1.15	0.93
115	1.34	1.38	1.35	1.39	1.35	1.41	1.35	1.42	1.38	1.44	1.40	1.46	1.42	1.48	1.44	1.49	1.45	1.50	1.25
120	1.70	1.74	1.70	1.75	1.71	1.76	1.72	1.77	1.74	1.80	1.76	1.82	1.79	1.83	1.80	1.85	1.82	1.86	1.59
125	2.07	2.11	2.06	2.11	2.08	2.12	2.09	2.15	2.12	2.17	2.15	2.20	2.16	2.22	2.19	2.23	2.20	2.25	1.94
130	2.46	2.49	2.45	2.50	2.46	2.51	2.47	2.52	2.50	2.55	2.53	2.58	2.56	2.61	2.58	2.62	2.59	2.64	2.30
135	2.85	2.89	2.84	2.89	2.85	2.89	2.87	2.92	2.90	2.97	2.92	2.98	2.95	3.00	2.97	3.03	2.99	3.05	2.69
140	3.25	3.29	3.23	3.28	3.24	3.28	3.25	3.30	3.28	3.35	3.33	3.36	3.32	3.40	3.37	3.42	3.39	3.44	3.08
145	3.63	3.67	3.60	3.66	3.62	3.68	3.63	3.67	3.65	3.71	3.69	3.75	3.71	3.78	3.74	3.79	3.75	3.81	3.47
150	3.97	4.00	3.95	4.00	3.96	4.02	3.98	4.04	4.01	4.08	4.05	4.11	4.07	4.14	4.08	4.13	4.09	4.16	3.83
155	4.28	4.33	4.26	4.31	4.28	4.34	4.30	4.38	4.35	4.41	4.38	4.43	4.38	4.43	4.38	4.45	4.41	4.46	4.17
160	4.56	4.61	4.55	4.60	4.55	4.62	4.58	4.66	4.61	4.68	4.64	4.69	4.64	4.71	4.64	4.72	4.68	4.74	4.48
165	4.79	4.83	4.77	4.83	4.78	4.85	4.81	4.87	4.83	4.90	4.85	4.91	4.86	4.92	4.88	4.95	4.90	4.96	4.75
170	4.97	5.03	4.97	5.04	4.98	5.06	5.01	5.05	4.99	5.05	5.00	5.06	5.02	5.10	5.05	5.13	5.08	5.12	4.97
175	5.11	5.16	5.11	5.17	5.12	5.19	5.13	5.18	5.10	5.15	5.11	5.15	5.13	5.18	5.17	5.19	5.16	5.17	5.14
180	5.17	5.17	5.17	5.18	5.19	5.19	5.17	5.17	5.15	5.15	5.15	5.15	5.17	5.17	5.19	5.19	5.17	5.17	5.18

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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:230.22V I:0.1510A P:17.336W PF:0.4987 Freq:60.00Hz Lamp Flux:1630.28x1 lm																	
NAME:									TYPE: 2700K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D114						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	799	798	798	798	798	798	798	797	797	797	797	797	797	797	797	797	797		
5	791	792	791	792	792	792	792	793	793	793	793	794	794	794	794	794	794		
10	772	773	773	774	774	775	775	776	777	778	778	779	778	779	779	779	779		
15	742	743	743	745	745	746	747	748	749	750	750	752	752	753	752	753	752		
20	701	702	702	705	705	707	708	710	710	713	713	715	714	716	715	716	715		
25	651	653	653	655	656	659	659	662	662	665	665	668	667	669	668	669	668		
30	592	595	595	598	599	602	603	606	606	609	609	612	612	614	613	614	612		
35	528	531	531	535	535	539	539	543	543	546	547	550	550	552	551	552	550		
40	460	463	463	466	467	470	471	474	475	479	479	482	482	485	483	485	483		
45	390	393	392	396	396	399	400	404	404	407	408	412	411	414	413	415	412		
50	319	323	321	324	324	328	328	332	331	336	336	340	340	343	341	344	340		
55	251	253	252	254	253	257	256	261	261	265	265	270	269	272	270	273	270		
60	184	187	185	187	186	189	189	193	193	197	197	201	200	203	202	204	201		
65	123	124	124	125	124	126	126	130	131	134	134	137	136	139	138	139	138		
70	66.2	68.2	67.9	69.5	69.0	70.7	70.9	73.3	73.6	76.0	76.1	78.0	77.4	79.3	78.8	80.5	79.8		
75	17.4	19.6	20.3	22.5	22.9	24.8	24.7	26.0	25.4	26.8	26.3	27.7	27.2	28.6	28.3	29.6	28.4		
80	0.27	0.27	0.34	0.34	0.39	0.39	0.43	0.43	0.49	0.48	0.48	0.57	0.60	0.75	0.70	0.84	0.64		
85	0.10	0.08	0.10	0.08	0.10	0.08	0.11	0.09	0.11	0.09	0.11	0.08	0.10	0.07	0.11	0.08	0.11		
90	0.10	0.15	0.10	0.13	0.09	0.12	0.10	0.12	0.10	0.12	0.10	0.12	0.08	0.11	0.10	0.12	0.09		
95	0.21	0.26	0.21	0.26	0.20	0.25	0.19	0.24	0.18	0.24	0.18	0.23	0.16	0.22	0.17	0.22	0.16		
100	0.39	0.44	0.39	0.42	0.36	0.42	0.36	0.41	0.35	0.40	0.34	0.38	0.33	0.38	0.32	0.37	0.32		
105	0.61	0.65	0.59	0.63	0.59	0.63	0.57	0.62	0.56	0.60	0.54	0.59	0.54	0.59	0.53	0.58	0.53		
110	0.88	0.91	0.86	0.90	0.85	0.89	0.83	0.88	0.82	0.85	0.80	0.85	0.79	0.83	0.78	0.84	0.79		
115	1.19	1.23	1.17	1.21	1.15	1.19	1.15	1.21	1.13	1.15	1.09	1.14	1.08	1.12	1.08	1.14	1.09		
120	1.53	1.56	1.50	1.53	1.48	1.52	1.48	1.54	1.45	1.47	1.43	1.47	1.41	1.43	1.41	1.46	1.42		
125	1.88	1.91	1.85	1.88	1.82	1.85	1.81	1.86	1.78	1.82	1.76	1.81	1.75	1.80	1.75	1.80	1.76		
130	2.24	2.27	2.21	2.24	2.19	2.21	2.17	2.20	2.13	2.17	2.11	2.16	2.10	2.13	2.10	2.16	2.12		
135	2.63	2.65	2.60	2.62	2.56	2.60	2.54	2.58	2.51	2.54	2.49	2.53	2.48	2.51	2.48	2.53	2.50		
140	3.02	3.04	3.00	3.02	2.95	2.98	2.91	2.96	2.89	2.93	2.86	2.90	2.86	2.91	2.87	2.91	2.89		
145	3.40	3.41	3.36	3.41	3.34	3.36	3.29	3.34	3.27	3.29	3.24	3.30	3.26	3.30	3.24	3.30	3.27		
150	3.77	3.78	3.73	3.76	3.73	3.74	3.68	3.72	3.65	3.68	3.63	3.68	3.63	3.67	3.61	3.67	3.64		
155	4.10	4.13	4.06	4.10	4.05	4.09	4.04	4.08	4.02	4.06	3.99	4.03	3.97	4.01	3.96	4.02	4.00		
160	4.41	4.45	4.38	4.42	4.36	4.40	4.35	4.39	4.32	4.37	4.31	4.35	4.28	4.32	4.27	4.34	4.30		
165	4.68	4.73	4.66	4.71	4.63	4.68	4.62	4.68	4.61	4.65	4.59	4.64	4.57	4.63	4.56	4.63	4.59		
170	4.91	4.96	4.90	4.94	4.86	4.90	4.82	4.88	4.82	4.88	4.82	4.87	4.81	4.85	4.79	4.86	4.81		
175	5.08	5.15	5.09	5.13	5.06	5.10	5.02	5.06	5.01	5.06	5.01	5.07	5.01	5.06	5.00	5.06	4.99		
180	5.16	5.17	5.18	5.19	5.18	5.19	5.15	5.15	5.14	5.14	5.14	5.16	5.17	5.17	5.15	5.15	5.14		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 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: