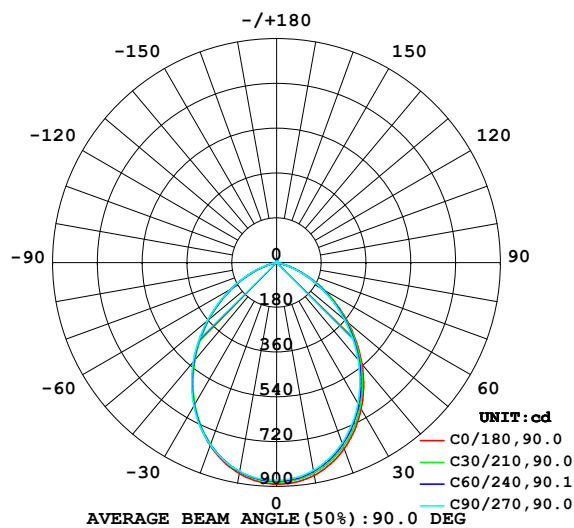


LUMINAIRE PHOTOMETRIC TEST REPORT

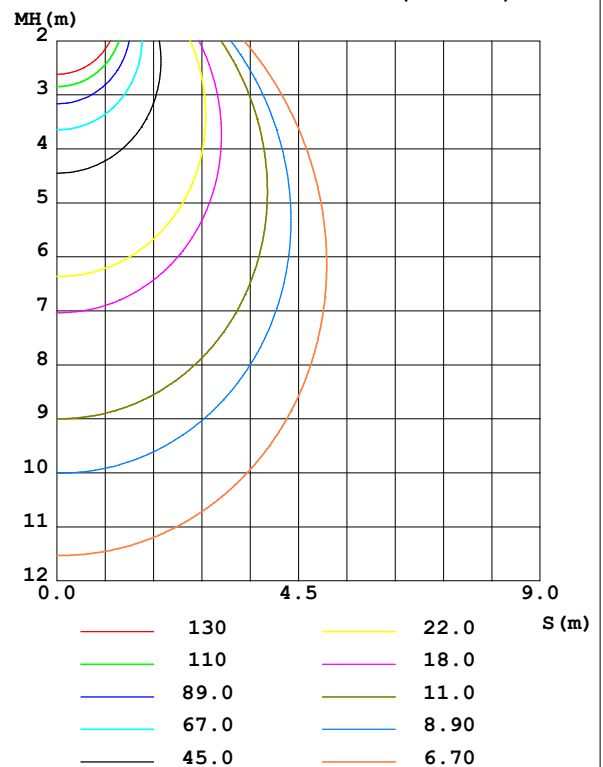
Test:U:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 92.80 lm/W
MODEL	XY-1002	I _{max} (cd)	890.7	S/MH(C0/180)	1.12	
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.15	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1793.6	η UP,DN(C0-180)	0.4,49.2	
NOMINAL FLUX(lm)	1793.59	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:31 July 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	868.6	855.7	847.9	843.4	861.1	853.4	852.5	853.6	0- 10	82.60	82.60	4.61,4.61
20	795.6	781.4	771.5	764.8	781.8	777.4	779.8	783.7	10- 20	231.0	313.6	17.5,17.5
30	679.9	665.8	654.3	646.3	661.2	660.0	665.4	671.6	20- 30	332.8	646.4	36,36
40	534.3	521.5	510.1	501.1	513.8	514.6	521.3	529.6	30- 40	369.4	1016	56.6,56.6
50	375.2	366.1	356.0	345.8	357.6	357.5	363.8	374.0	40- 50	338.5	1354	75.5,75.5
60	220.6	215.5	207.5	196.6	206.7	205.7	211.8	221.1	50- 60	254.1	1608	89.7,89.7
70	86.68	82.65	76.34	69.05	72.79	76.39	80.81	85.82	60- 70	140.4	1749	97.5,97.5
80	0.5401	0.5644	0.4468	0.3441	0.2299	0.4257	0.5150	0.7357	70- 80	31.14	1780	99.2,99.2
90	0.1740	0.1993	0.2251	0.2132	0.1691	0.1321	0.1123	0.1124	80- 90	0.1963	1780	99.3,99.3
100	0.5324	0.5670	0.6124	0.6149	0.5066	0.4468	0.3982	0.3931	90-100	0.3446	1780	99.3,99.3
110	1.133	1.162	1.219	1.229	1.045	0.9769	0.9242	0.8994	100-110	0.8149	1781	99.3,99.3
120	1.898	1.911	1.972	2.007	1.775	1.673	1.610	1.580	110-120	1.411	1783	99.4,99.4
130	2.755	2.754	2.815	2.849	2.578	2.453	2.361	2.341	120-130	1.965	1785	99.5,99.5
140	3.630	3.610	3.684	3.720	3.455	3.298	3.199	3.169	130-140	2.338	1787	99.6,99.6
150	4.430	4.413	4.493	4.519	4.279	4.140	4.020	4.010	140-150	2.422	1789	99.8,99.8
160	5.091	5.056	5.138	5.132	4.992	4.839	4.750	4.716	150-160	2.133	1792	99.9,99.9
170	5.564	5.544	5.548	5.575	5.564	5.418	5.300	5.306	160-170	1.475	1793	100,100
180	5.772	5.738	5.665	5.688	5.789	5.741	5.659	5.682	170-180	0.5323	1794	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:31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz

Lamp Flux:1793.59x1 lm

NAME:

TYPE: 2700K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

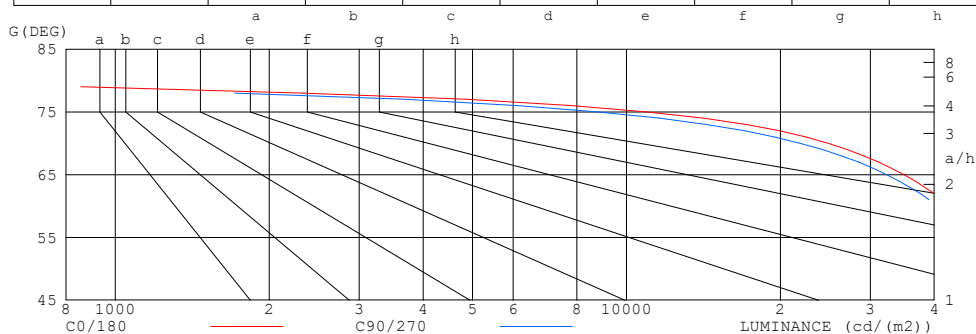
MFR.:

SUR.: D114

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



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	202	177
80	305	252
75	10979	8817
70	24841	21879
65	34892	32274
60	43249	40679
55	50651	47876
50	57217	54286
45	63123	60039

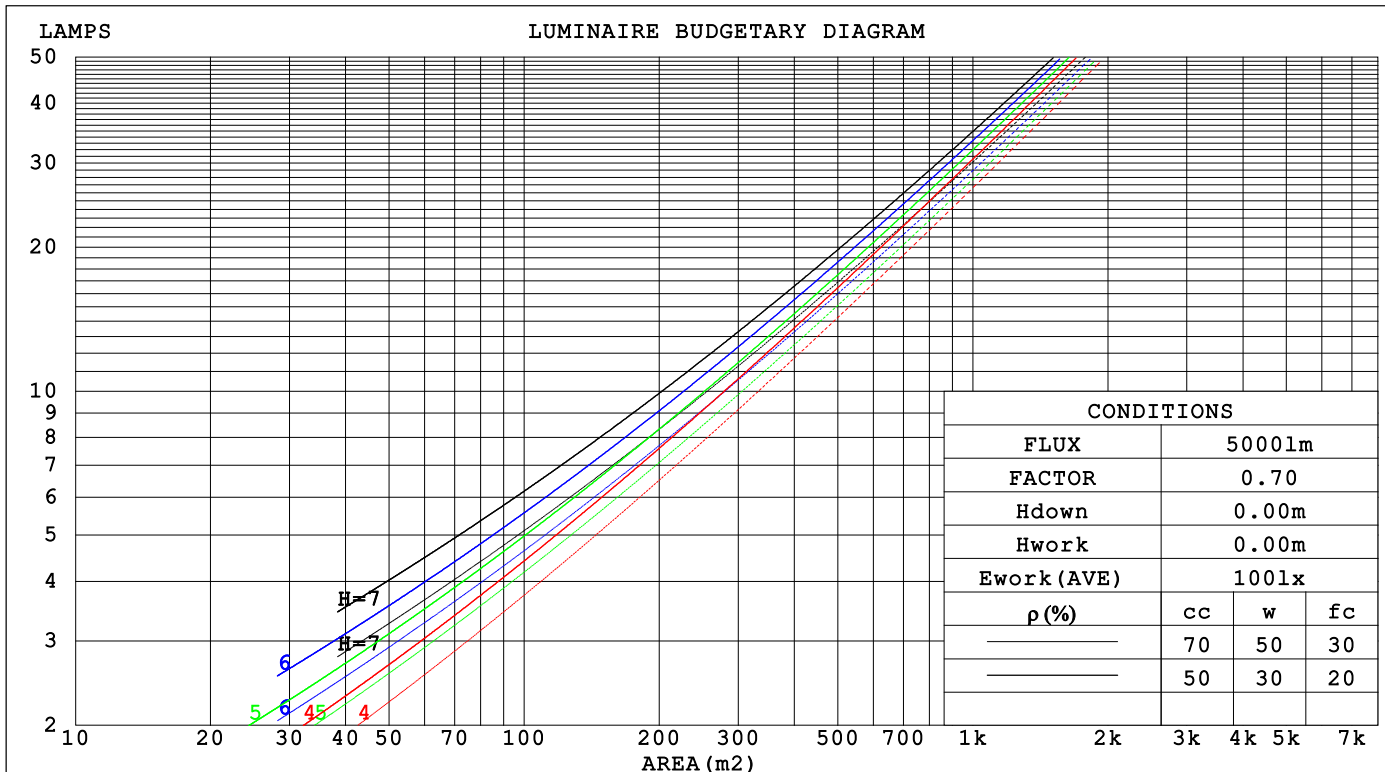
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 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	.52	.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:31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 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	.187	.102	.031	
5.0	.205	.104	.030	.200	.103	.030	.192	.100	.029	.185	.098	.029	.178	.095	.029	
6.0	.192	.096	.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	.056	.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	.049	.031	.018	.016	.010	.006	
7.0	.135	.080	.042	.116	.069	.036	.080	.049	.026	.046	.029	.015	.015	.009	.005	
8.0	.129	.074	.037	.111	.064	.032	.077	.045	.023	.045	.027	.013	.014	.009	.004	
9.0	.123	.069	.033	.106	.060	.028	.074	.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:31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 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	2H	24.1	25.4	24.4	25.7	25.9	23.9	25.2	24.1	25.4	25.6
	3H	24.7	25.9	25.0	26.2	26.4	24.4	25.6	24.7	25.9	26.1
	4H	24.7	25.9	25.0	26.1	26.4	24.4	25.5	24.7	25.8	26.1
	6H	24.6	25.7	25.0	26.0	26.3	24.3	25.4	24.6	25.6	25.9
	8H	24.6	25.6	24.9	25.9	26.2	24.2	25.3	24.6	25.6	25.9
	12H	24.5	25.5	24.9	25.8	26.1	24.2	25.2	24.5	25.5	25.8
4H	2H	24.4	25.6	24.7	25.8	26.1	24.2	25.4	24.5	25.6	25.9
	3H	25.1	26.1	25.4	26.4	26.7	24.8	25.8	25.2	26.1	26.4
	4H	25.1	26.0	25.5	26.4	26.7	24.8	25.7	25.2	26.0	26.4
	6H	25.0	25.8	25.4	26.2	26.6	24.7	25.5	25.1	25.9	26.2
	8H	25.0	25.7	25.4	26.1	26.5	24.7	25.4	25.1	25.8	26.2
	12H	24.9	25.6	25.4	26.0	26.4	24.6	25.3	25.1	25.7	26.1
8H	4H	25.0	25.8	25.5	26.2	26.6	24.7	25.5	25.2	25.9	26.3
	6H	25.0	25.6	25.4	26.0	26.4	24.7	25.3	25.1	25.7	26.1
	8H	24.9	25.5	25.4	25.9	26.3	24.6	25.1	25.1	25.6	26.0
	12H	24.9	25.3	25.4	25.8	26.3	24.6	25.0	25.1	25.5	26.0
12H	4H	25.0	25.7	25.4	26.1	26.5	24.7	25.4	25.1	25.8	26.2
	6H	24.9	25.5	25.4	25.9	26.3	24.6	25.1	25.1	25.6	26.0
	8H	24.9	25.3	25.4	25.8	26.3	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		+ 1.0 / - 1.0					+ 0.9 / - 1.0				

CIE Pub.117, 1794 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.0)
Area: 0.010202 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

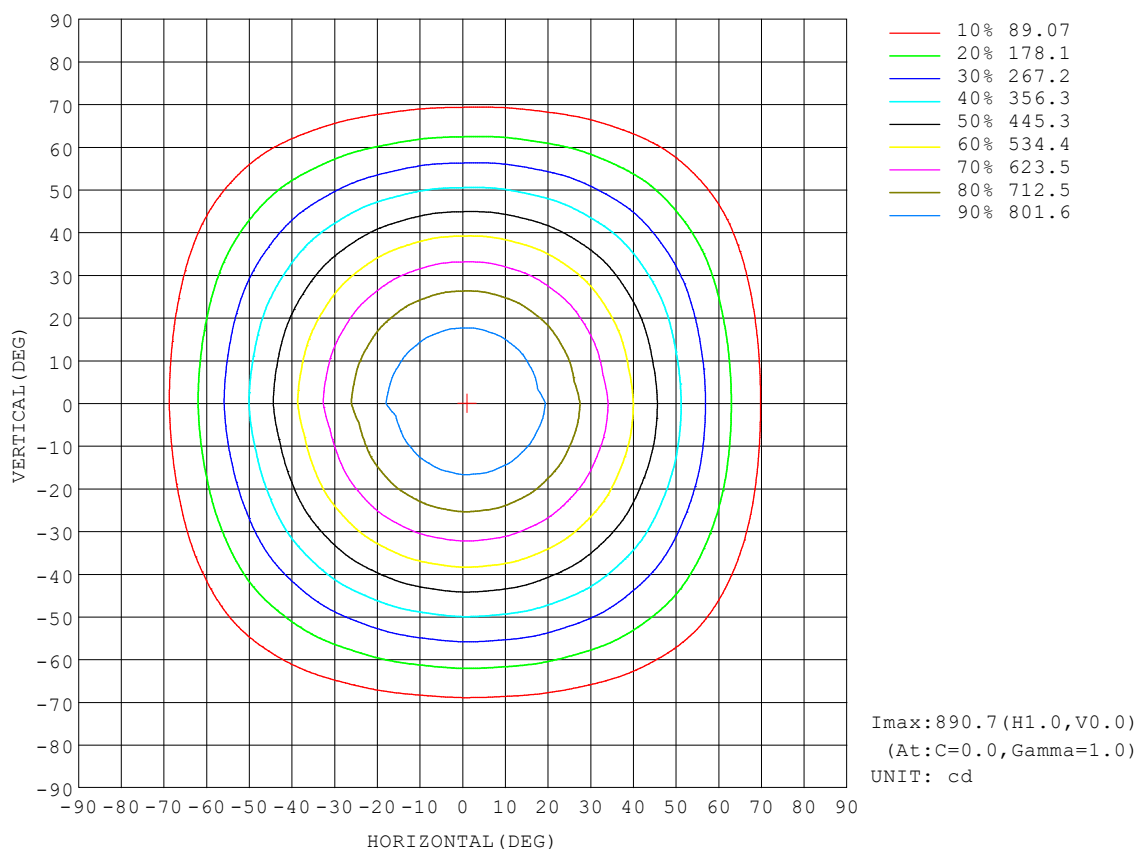
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	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: 31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

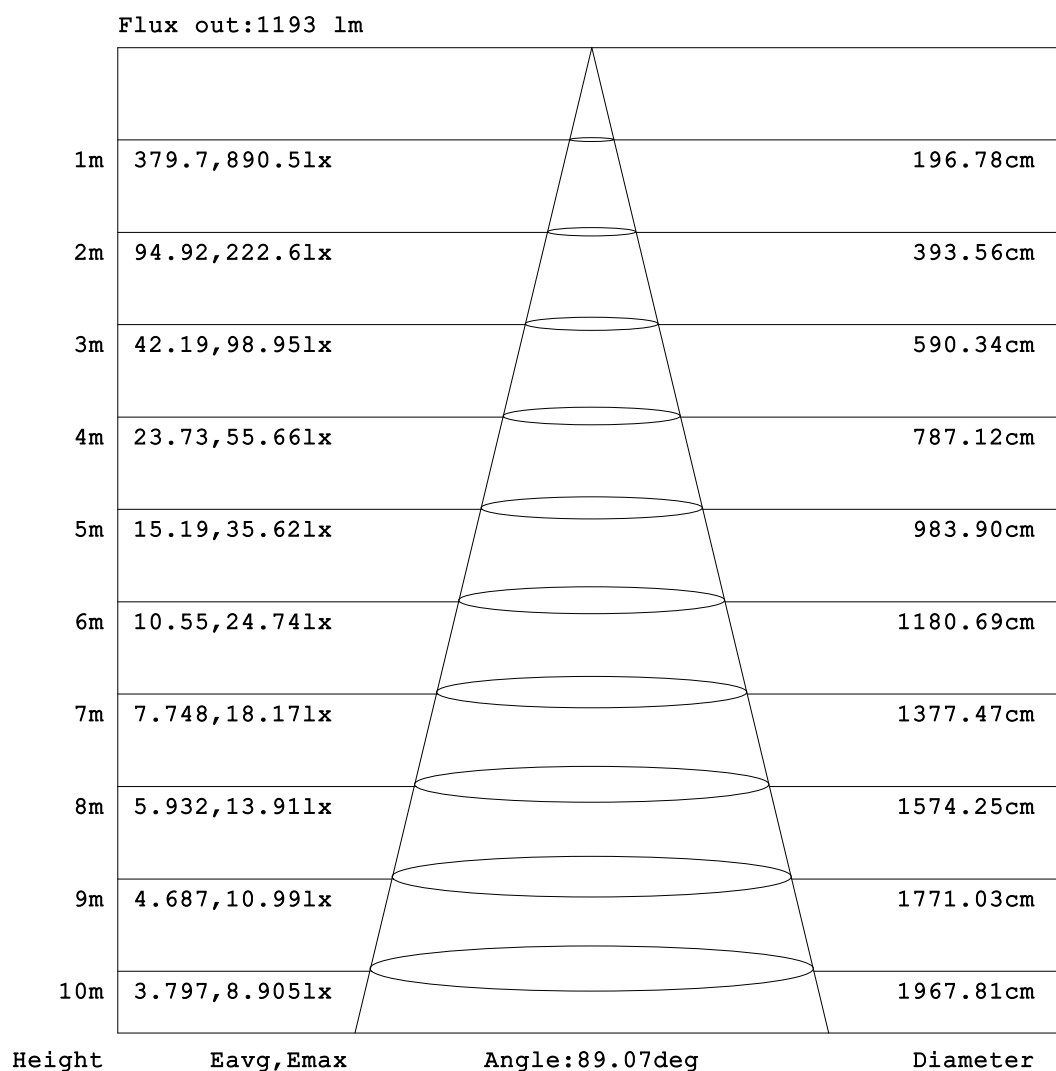


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 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:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

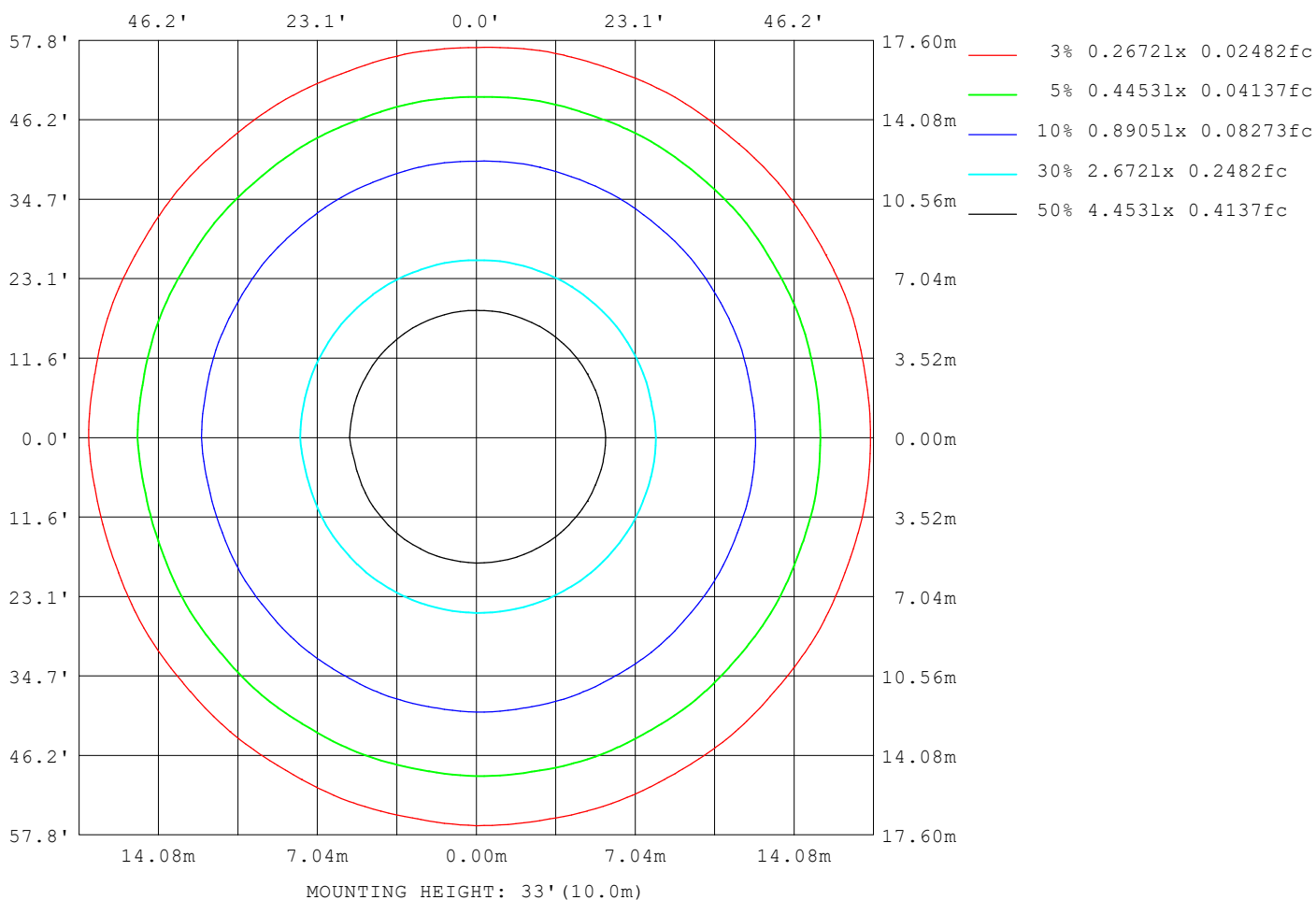
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 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:31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 lm		
NAME:	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	33338
L_0~180 (75) av	8614
L_0~180 (85) av	161
L_90~270 (65) av	32756
L_90~270 (75) av	9703
L_90~270 (85) av	158
L_45 (65) av	32682
L_45 (75) av	9815
L_45 (85) av	144

Standard: GB/T 29293-2012

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

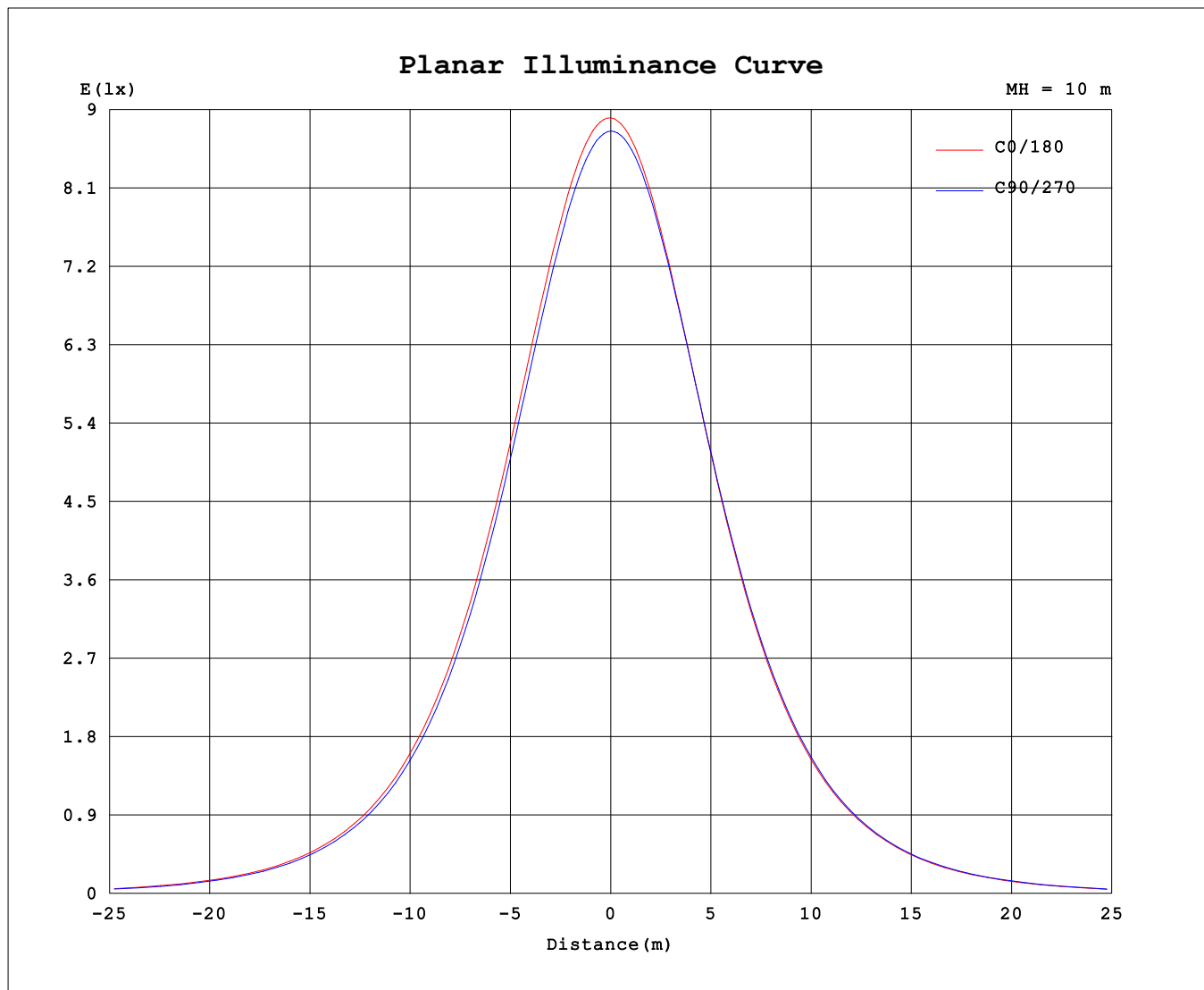
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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: 31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 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	891	887	885	883	881	879	878	877	876	875	875	874	874	874	873	873	873	873	891
5	886	883	880	878	875	874	872	870	869	868	867	866	865	865	865	865	864	865	882
10	869	866	862	860	857	855	852	851	849	848	846	845	844	844	843	843	842	843	861
15	838	835	831	829	825	824	820	819	816	815	813	812	810	810	809	809	808	809	827
20	796	793	788	786	782	781	777	776	772	771	768	768	766	766	764	764	763	764	782
25	743	740	735	733	729	727	723	722	718	717	714	714	711	711	709	710	708	709	726
30	680	678	673	671	666	665	661	659	655	654	651	651	647	648	645	646	644	645	661
35	610	608	603	602	597	596	591	590	585	585	581	580	577	577	575	575	573	575	590
40	534	533	528	527	522	521	517	516	511	510	506	506	502	503	500	501	498	500	514
45	455	454	449	449	444	444	439	439	434	433	429	428	425	425	422	423	421	423	436
50	375	375	370	370	366	366	362	362	357	356	351	351	347	347	344	346	344	347	358
55	296	296	292	293	289	290	286	286	281	280	275	275	270	271	268	270	268	271	281
60	221	221	217	219	215	216	212	212	208	208	202	202	197	198	195	197	195	199	207
65	150	151	148	149	146	146	143	143	140	139	135	134	131	131	128	130	128	131	137
70	86.7	87.7	85.7	85.6	82.9	82.4	79.7	79.4	76.7	76.3	73.5	73.3	70.7	70.4	67.7	65.6	62.7	65.2	72.8
75	29.0	30.0	29.3	30.3	28.3	28.1	25.7	25.6	23.3	23.3	21.6	21.8	20.4	20.9	17.8	12.4	7.39	10.1	16.5
80	0.54	0.56	0.58	0.58	0.58	0.55	0.54	0.50	0.48	0.45	0.44	0.41	0.42	0.36	0.33	0.20	0.21	0.18	0.23
85	0.18	0.16	0.18	0.17	0.17	0.15	0.17	0.16	0.16	0.16	0.16	0.15	0.16	0.15	0.15	0.14	0.13	0.16	0.11
90	0.17	0.22	0.17	0.21	0.17	0.22	0.17	0.23	0.17	0.23	0.18	0.24	0.18	0.24	0.19	0.24	0.18	0.25	0.17
95	0.31	0.37	0.32	0.37	0.32	0.38	0.34	0.38	0.34	0.39	0.35	0.40	0.35	0.41	0.36	0.42	0.36	0.42	0.30
100	0.53	0.58	0.53	0.59	0.54	0.59	0.55	0.60	0.57	0.61	0.57	0.63	0.58	0.64	0.59	0.65	0.59	0.65	0.51
105	0.80	0.85	0.81	0.85	0.81	0.87	0.83	0.88	0.84	0.89	0.85	0.91	0.86	0.91	0.88	0.92	0.89	0.93	0.74
110	1.13	1.18	1.13	1.18	1.14	1.19	1.15	1.20	1.16	1.22	1.18	1.23	1.20	1.25	1.21	1.27	1.22	1.27	1.04
115	1.51	1.54	1.50	1.54	1.51	1.55	1.52	1.56	1.53	1.58	1.55	1.61	1.57	1.62	1.59	1.63	1.60	1.64	1.40
120	1.90	1.93	1.89	1.93	1.89	1.93	1.90	1.94	1.92	1.97	1.94	2.00	1.96	2.02	1.99	2.03	2.00	2.05	1.77
125	2.33	2.35	2.31	2.34	2.30	2.35	2.31	2.37	2.34	2.40	2.37	2.42	2.38	2.43	2.41	2.45	2.42	2.47	2.17
130	2.76	2.78	2.73	2.77	2.73	2.78	2.74	2.79	2.76	2.81	2.79	2.84	2.81	2.87	2.83	2.88	2.86	2.90	2.58
135	3.19	3.21	3.16	3.20	3.16	3.20	3.17	3.22	3.20	3.25	3.23	3.28	3.25	3.30	3.28	3.32	3.29	3.33	3.02
140	3.63	3.65	3.60	3.64	3.59	3.63	3.59	3.64	3.62	3.68	3.66	3.71	3.67	3.73	3.70	3.75	3.73	3.77	3.45
145	4.05	4.08	4.02	4.05	4.01	4.05	4.00	4.05	4.02	4.09	4.06	4.11	4.09	4.16	4.12	4.16	4.12	4.18	3.88
150	4.43	4.47	4.39	4.43	4.38	4.44	4.39	4.45	4.43	4.49	4.46	4.51	4.49	4.54	4.50	4.54	4.49	4.57	4.28
155	4.78	4.82	4.74	4.79	4.72	4.78	4.74	4.82	4.78	4.84	4.81	4.86	4.81	4.86	4.81	4.86	4.83	4.90	4.66
160	5.09	5.13	5.05	5.08	5.02	5.09	5.05	5.13	5.07	5.14	5.10	5.16	5.11	5.16	5.10	5.17	5.14	5.19	4.99
165	5.36	5.38	5.31	5.36	5.29	5.35	5.31	5.38	5.32	5.39	5.33	5.40	5.33	5.41	5.37	5.43	5.38	5.44	5.31
170	5.56	5.61	5.52	5.58	5.51	5.58	5.51	5.58	5.50	5.55	5.50	5.56	5.52	5.59	5.56	5.62	5.57	5.63	5.56
175	5.70	5.75	5.68	5.73	5.67	5.73	5.66	5.70	5.63	5.67	5.62	5.67	5.64	5.69	5.68	5.69	5.67	5.68	5.75
180	5.77	5.77	5.73	5.74	5.74	5.74	5.70	5.70	5.67	5.67	5.67	5.67	5.68	5.68	5.69	5.69	5.68	5.68	5.79

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 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:230.25V I:0.1644A P:19.326W PF:0.5106 Freq:60.00Hz Lamp Flux:1793.59x1 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	887	885	883	881	879	878	877	876	875	875	874	874	874	873	873	873	873		
5	879	877	875	874	873	872	871	871	870	871	870	870	870	870	870	870	869		
10	858	856	854	854	853	853	852	853	853	853	853	853	853	854	853	854	853		
15	824	823	821	822	821	822	821	822	822	823	823	824	824	825	824	825	824		
20	778	778	777	778	777	779	778	780	780	782	782	783	783	784	783	784	783		
25	723	723	722	724	723	725	725	728	727	730	730	732	731	733	732	733	731		
30	658	659	658	660	660	663	662	665	665	669	668	671	670	673	671	673	670		
35	587	589	587	590	590	593	593	596	596	600	599	603	602	605	603	605	602		
40	511	513	512	515	514	518	518	521	521	525	525	529	528	531	529	531	528		
45	433	435	434	437	436	439	439	443	443	447	447	451	451	454	452	454	451		
50	355	357	355	358	357	361	360	364	364	368	368	373	372	376	374	376	373		
55	278	280	278	281	279	283	282	286	286	291	291	295	295	298	296	298	295		
60	205	207	204	207	205	208	207	212	212	216	216	220	220	223	221	223	220		
65	136	138	137	138	137	139	139	142	143	147	147	150	149	152	151	152	151		
70	73.7	75.6	75.0	76.8	76.0	77.8	77.9	80.6	80.8	83.5	83.3	85.4	84.9	86.7	86.2	88.2	87.3		
75	19.4	21.9	22.5	24.8	25.3	27.4	27.1	28.5	28.0	29.4	28.9	30.5	29.8	31.4	31.0	32.2	31.0		
80	0.32	0.33	0.39	0.40	0.45	0.45	0.50	0.49	0.51	0.53	0.58	0.64	0.65	0.82	0.76	0.94	0.71		
85	0.11	0.11	0.12	0.10	0.11	0.11	0.12	0.11	0.12	0.11	0.13	0.10	0.11	0.09	0.12	0.11	0.12		
90	0.12	0.17	0.11	0.16	0.11	0.15	0.12	0.14	0.11	0.14	0.11	0.13	0.10	0.13	0.11	0.14	0.11		
95	0.25	0.30	0.24	0.29	0.24	0.28	0.22	0.27	0.21	0.26	0.21	0.26	0.20	0.25	0.20	0.25	0.20		
100	0.45	0.48	0.43	0.47	0.42	0.47	0.41	0.45	0.40	0.44	0.39	0.43	0.36	0.42	0.36	0.41	0.37		
105	0.69	0.73	0.68	0.72	0.66	0.70	0.65	0.69	0.63	0.66	0.62	0.65	0.60	0.65	0.61	0.65	0.61		
110	0.98	1.02	0.97	1.01	0.95	0.99	0.93	0.97	0.92	0.94	0.89	0.93	0.88	0.92	0.87	0.92	0.88		
115	1.33	1.36	1.31	1.34	1.28	1.31	1.27	1.34	1.26	1.26	1.21	1.25	1.20	1.25	1.20	1.24	1.21		
120	1.71	1.74	1.68	1.70	1.64	1.67	1.63	1.73	1.61	1.62	1.57	1.61	1.56	1.60	1.55	1.61	1.57		
125	2.10	2.12	2.05	2.09	2.02	2.05	2.00	2.06	1.97	1.99	1.94	1.98	1.92	1.97	1.93	1.97	1.94		
130	2.51	2.52	2.46	2.49	2.42	2.44	2.40	2.43	2.36	2.38	2.34	2.36	2.33	2.35	2.32	2.36	2.33		
135	2.93	2.95	2.89	2.90	2.83	2.86	2.80	2.84	2.78	2.80	2.75	2.78	2.72	2.77	2.73	2.78	2.74		
140	3.37	3.38	3.33	3.34	3.26	3.28	3.22	3.26	3.20	3.21	3.15	3.19	3.15	3.19	3.16	3.20	3.18		
145	3.78	3.80	3.73	3.77	3.70	3.70	3.64	3.68	3.60	3.62	3.57	3.62	3.59	3.62	3.57	3.62	3.59		
150	4.19	4.20	4.13	4.17	4.11	4.12	4.06	4.09	4.02	4.04	3.99	4.04	3.99	4.03	3.97	4.02	4.01		
155	4.57	4.59	4.50	4.54	4.47	4.51	4.45	4.50	4.42	4.46	4.38	4.43	4.36	4.40	4.34	4.40	4.38		
160	4.91	4.94	4.84	4.87	4.80	4.85	4.78	4.82	4.75	4.79	4.73	4.77	4.69	4.74	4.68	4.76	4.72		
165	5.22	5.26	5.17	5.19	5.11	5.15	5.09	5.14	5.06	5.11	5.04	5.08	5.02	5.06	5.01	5.07	5.04		
170	5.47	5.51	5.43	5.46	5.37	5.39	5.32	5.36	5.30	5.36	5.30	5.35	5.28	5.33	5.27	5.33	5.29		
175	5.66	5.72	5.64	5.68	5.59	5.61	5.54	5.56	5.51	5.56	5.51	5.57	5.51	5.56	5.49	5.55	5.49		
180	5.75	5.75	5.74	5.75	5.73	5.73	5.67	5.68	5.66	5.66	5.65	5.68	5.68	5.69	5.65	5.65	5.64		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 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: