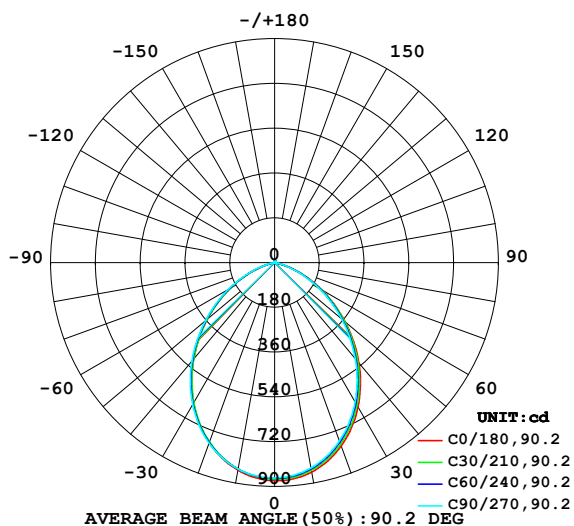


LUMINAIRE PHOTOMETRIC TEST REPORT

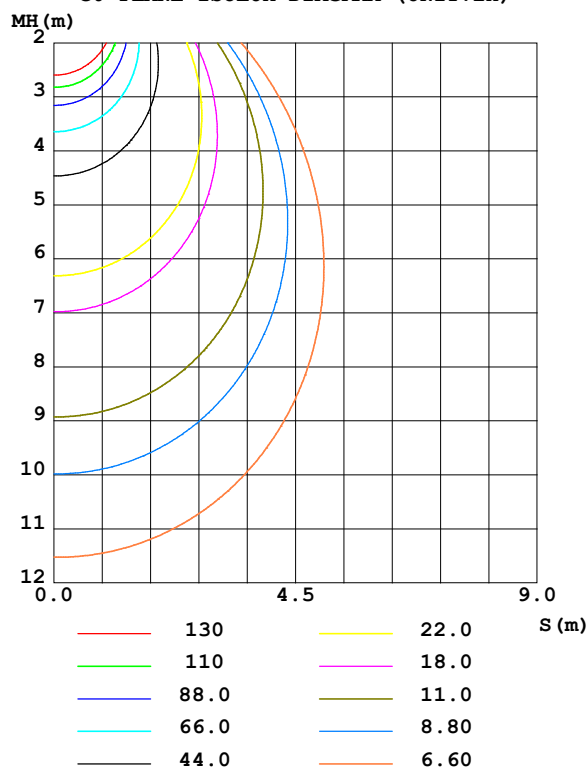
Test:U:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 102.90 lm/W
MODEL	XY-1002	I _{max} (cd)	876.7	S/MH(C0/180)	1.13	
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.15	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1776.8	η UP,DN(C0-180)	0.4,49.1	
NOMINAL FLUX(lm)	1776.81	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,50.1	
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	855.3	845.2	838.6	834.3	847.5	842.8	843.1	844.6	0- 10	81.62	81.62	4.59,4.59
20	784.0	772.3	763.1	756.7	769.9	768.1	771.8	776.1	10- 20	228.3	309.9	17.4,17.4
30	670.5	658.2	647.6	639.7	651.8	652.8	659.1	665.6	20- 30	329.2	639.1	36,36
40	527.3	515.8	504.8	496.2	507.0	509.8	517.3	525.7	30- 40	365.7	1005	56.5,56.5
50	370.5	361.8	352.0	342.4	353.3	355.7	362.4	372.1	40- 50	335.5	1340	75.4,75.4
60	217.6	212.3	204.5	194.6	205.3	206.5	212.6	220.9	50- 60	252.2	1592	89.6,89.6
70	84.75	81.04	75.63	68.50	72.25	77.46	82.28	86.47	60- 70	139.8	1732	97.5,97.5
80	0.5398	0.5595	0.4440	0.3395	0.2293	0.4197	0.5409	0.7341	70- 80	31.16	1763	99.2,99.2
90	0.1740	0.1939	0.2255	0.2104	0.1630	0.1293	0.1123	0.1124	80- 90	0.1942	1764	99.3,99.3
100	0.5264	0.5638	0.6020	0.6099	0.4890	0.4410	0.3918	0.3877	90-100	0.3389	1764	99.3,99.3
110	1.111	1.156	1.202	1.218	1.029	0.9578	0.8972	0.8844	100-110	0.8030	1765	99.3,99.3
120	1.868	1.892	1.956	1.981	1.742	1.647	1.577	1.550	110-120	1.391	1766	99.4,99.4
130	2.704	2.715	2.782	2.816	2.539	2.409	2.324	2.308	120-130	1.936	1768	99.5,99.5
140	3.568	3.562	3.635	3.669	3.377	3.243	3.153	3.127	130-140	2.304	1770	99.6,99.6
150	4.351	4.349	4.425	4.450	4.201	4.074	3.962	3.953	140-150	2.385	1773	99.8,99.8
160	4.985	4.978	5.065	5.062	4.903	4.756	4.676	4.657	150-160	2.101	1775	99.9,99.9
170	5.457	5.463	5.474	5.502	5.458	5.326	5.221	5.230	160-170	1.452	1776	100,100
180	5.659	5.648	5.587	5.606	5.671	5.648	5.575	5.598	170-180	0.5239	1777	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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz

Lamp Flux:1776.81x1 lm

NAME:

TYPE: 6500K

WEIGHT:

SPEC.:

DIM.:

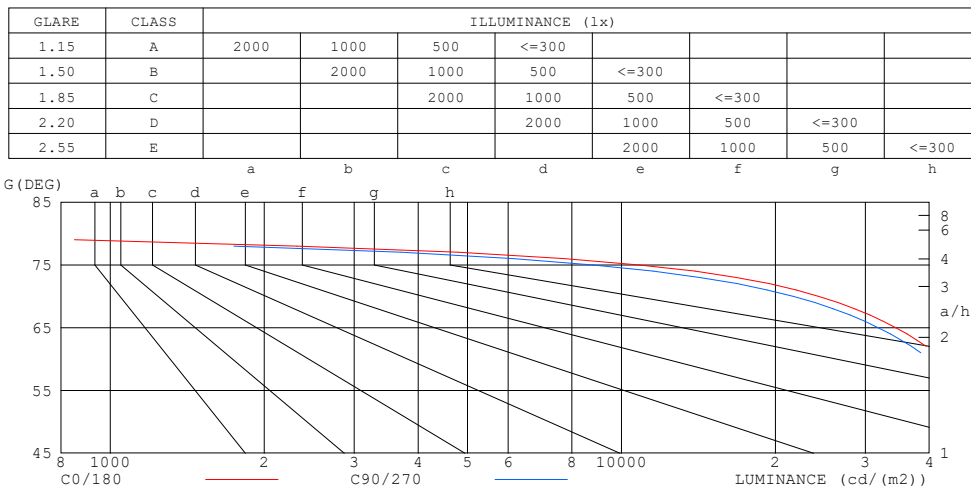
SERIAL No.:

MFR.:

SUR.: D114

Shielding Angle:

LUMINANCE LIMITATION CURVES



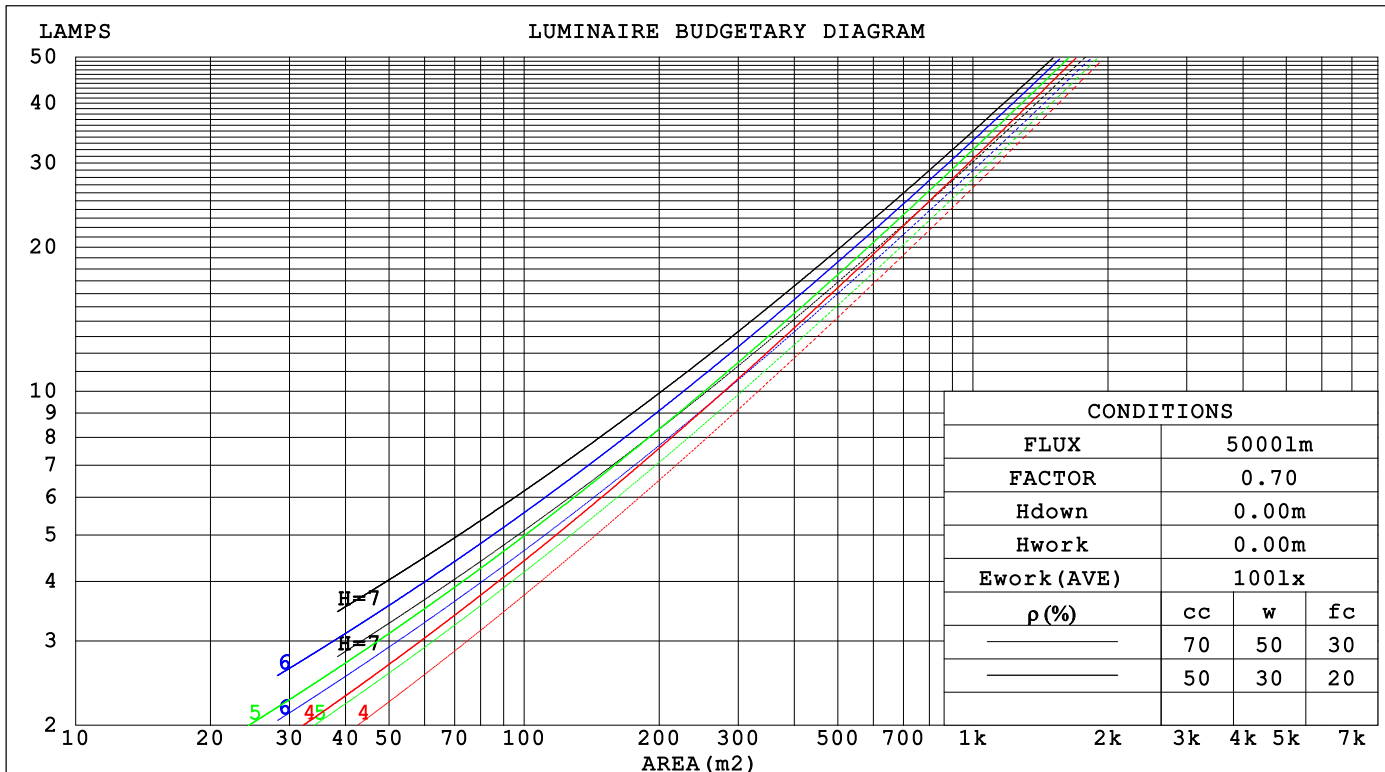
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm		
NAME:	TYPE: 6500K	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	.75	.72	.68	.66
4.0	.77	.69	.63	.75	.68	.62	.73	.67	.62	.70	.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	.43	.55	.48	.43	.54	.47	.43	.52	.47	.42	.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	.42	.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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm		
NAME:	TYPE: 6500K	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	.247	.140	.044	.239	.137	.043	.226	.130	.041	.214	.123	.040	.202	.117	.038		
2.0	.242	.133	.041	.236	.130	.040	.224	.125	.039	.214	.120	.037	.204	.115	.036		
3.0	.231	.123	.037	.225	.121	.036	.215	.117	.035	.206	.113	.035	.197	.109	.034		
4.0	.218	.113	.033	.213	.111	.033	.204	.108	.032	.196	.105	.032	.188	.102	.031		
5.0	.205	.104	.030	.201	.103	.030	.193	.100	.030	.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	.084	.023	.168	.083	.023	.162	.081	.023	.157	.079	.023	.152	.078	.023		
9.0	.161	.078	.022	.159	.077	.022	.153	.076	.022	.149	.074	.021	.144	.073	.021		
10.0	.153	.073	.020	.150	.073	.020	.146	.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	.140	.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	.041	.116	.069	.036	.080	.049	.026	.047	.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	.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: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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm											
NAME:					TYPE: 6500K			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	24.3	25.6	25.8	23.8	25.2	24.1	25.4	25.6
	3H	24.7	25.9	25.0	26.1	26.4	24.4	25.6	24.7	25.8	26.1
	4H	24.7	25.9	25.0	26.1	26.4	24.4	25.5	24.7	25.8	26.0
	6H	24.6	25.7	24.9	26.0	26.2	24.3	25.3	24.6	25.6	25.9
	8H	24.5	25.6	24.9	25.9	26.2	24.2	25.3	24.5	25.5	25.8
	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	25.3	24.5	25.6	25.9
	3H	25.0	26.0	25.4	26.3	26.7	24.8	25.8	25.1	26.1	26.4
	4H	25.1	26.0	25.5	26.3	26.7	24.8	25.7	25.2	26.0	26.4
	6H	25.0	25.8	25.4	26.1	26.5	24.7	25.5	25.1	25.8	26.2
	8H	24.9	25.7	25.4	26.1	26.5	24.6	25.4	25.1	25.8	26.1
	12H	24.9	25.6	25.3	26.0	26.4	24.6	25.3	25.0	25.7	26.1
8H	4H	25.0	25.7	25.4	26.1	26.5	24.7	25.5	25.1	25.8	26.2
	6H	24.9	25.5	25.4	25.9	26.4	24.6	25.2	25.1	25.6	26.1
	8H	24.9	25.4	25.3	25.8	26.3	24.6	25.1	25.1	25.6	26.0
	12H	24.8	25.3	25.3	25.7	26.2	24.5	25.0	25.0	25.5	25.9
12H	4H	25.0	25.6	25.4	26.0	26.4	24.7	25.3	25.1	25.7	26.2
	6H	24.9	25.4	25.3	25.8	26.3	24.6	25.1	25.1	25.6	26.0
	8H	24.8	25.3	25.3	25.7	26.2	24.5	25.0	25.0	25.5	25.9
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 / - 1.1					+ 0.9 / - 1.1				

CIE Pub.117, 1777 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: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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

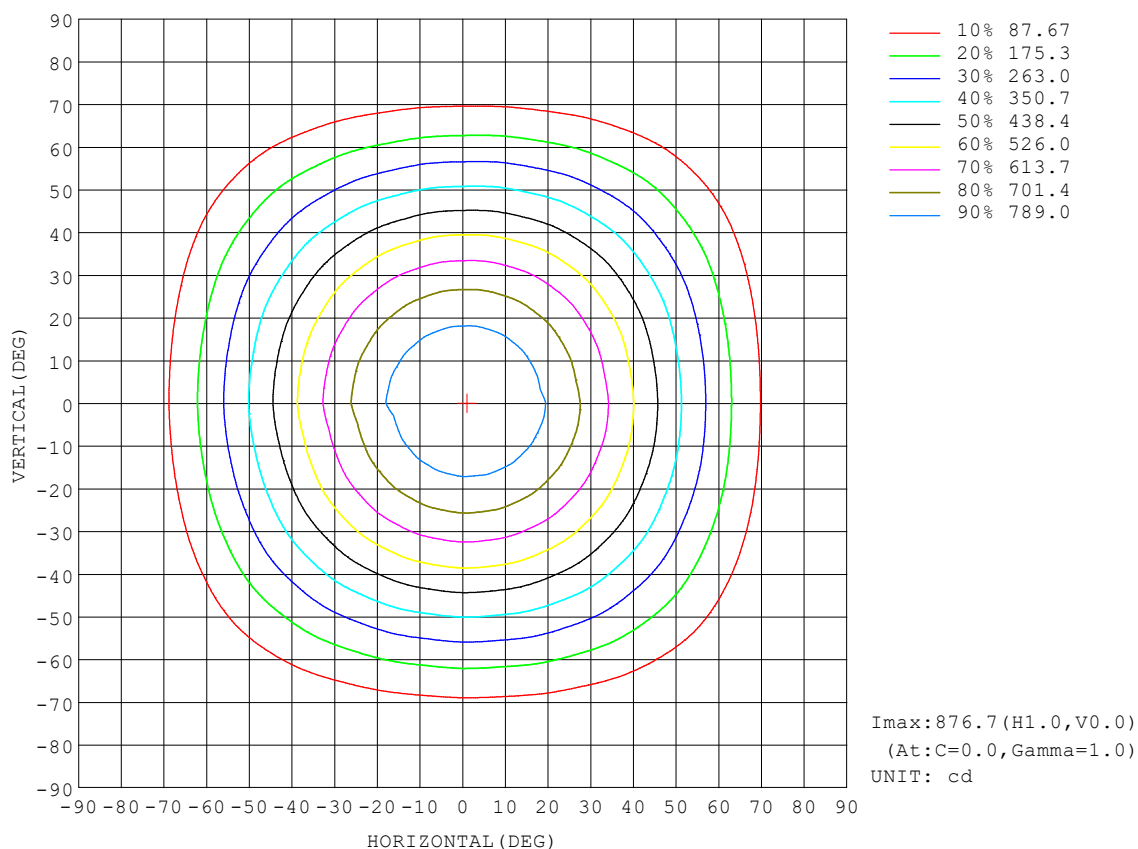
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	72	63	57	51
1.00	83	73	67	82	73	67	79	73	66	60
1.25	89	81	75	88	80	74	85	78	73	67
1.50	94	86	80	92	85	79	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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.8lx1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

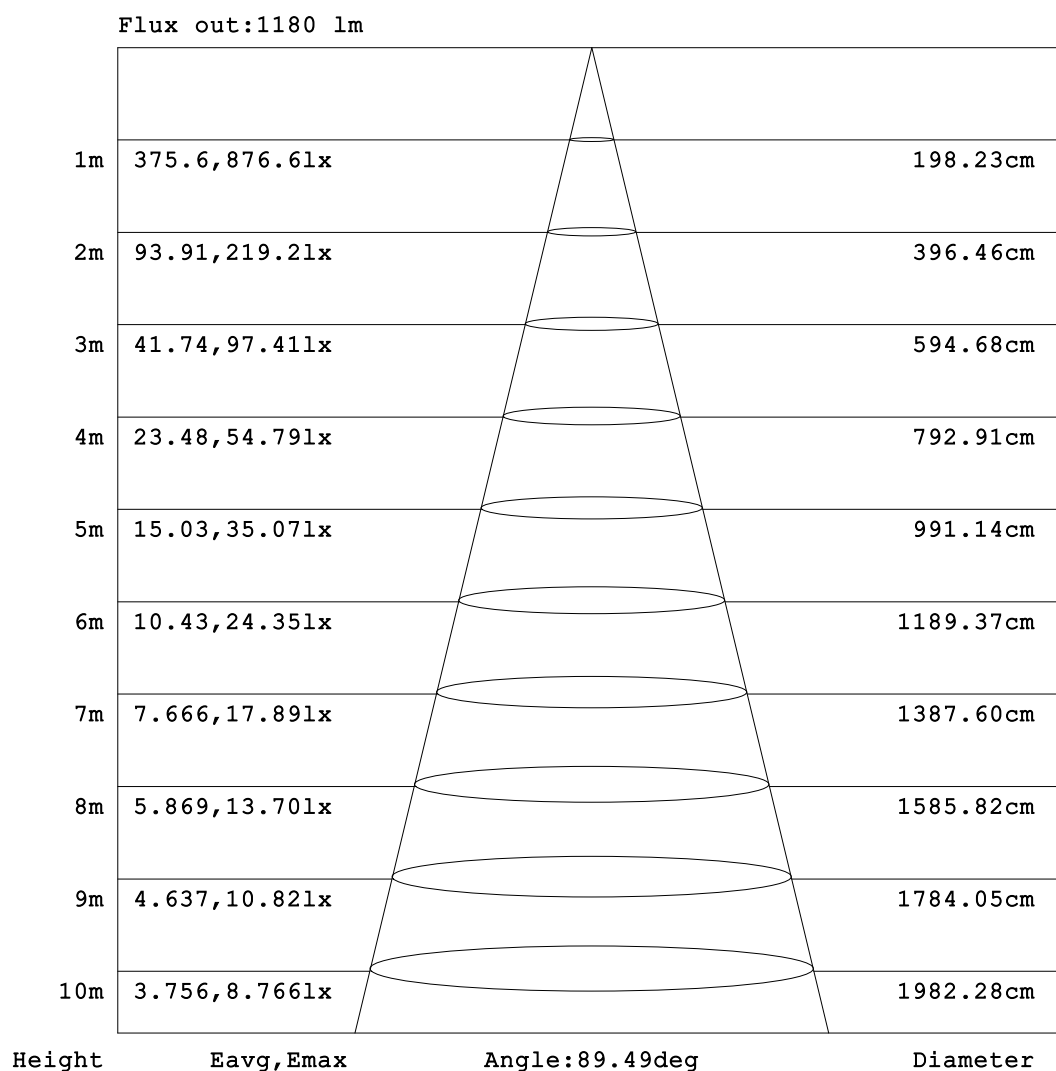


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81lx1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:



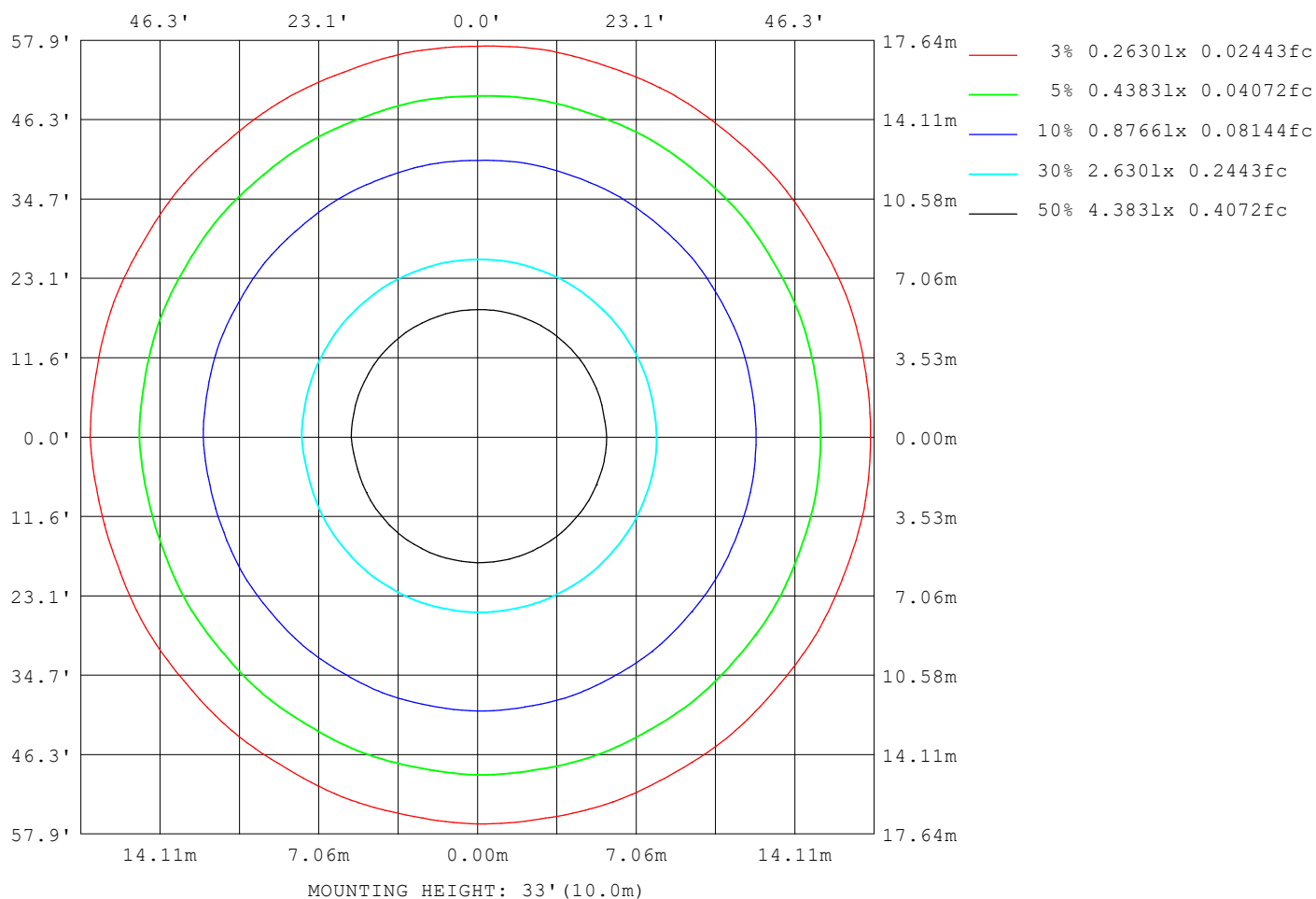
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm		
NAME:	TYPE: 6500K	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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

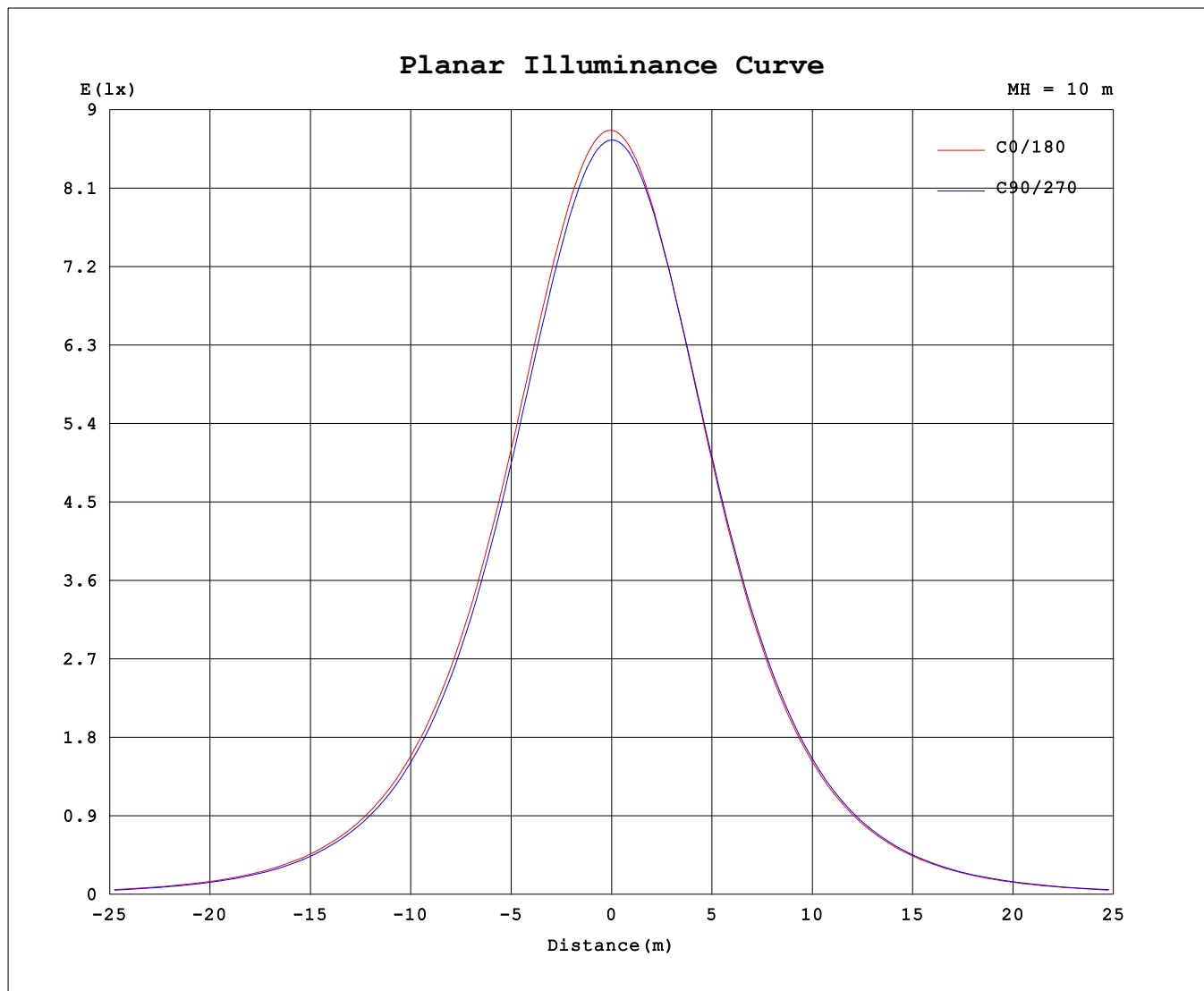
AvgL	cd/m2
L_0~180 (65) av	33058
L_0~180 (75) av	8548
L_0~180 (85) av	152
L_90~270 (65) av	32649
L_90~270 (75) av	9821
L_90~270 (85) av	152
L_45 (65) av	32535
L_45 (75) av	9833
L_45 (85) av	140

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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm																		
NAME:									TYPE: 6500K					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	877	874	872	871	870	868	868	867	866	866	865	865	864	864	864	864	864	864	877
5	872	870	868	866	864	863	861	860	859	858	857	857	856	856	855	855	855	855	869
10	855	853	850	849	846	845	842	841	839	839	837	836	835	835	834	834	833	834	848
15	826	824	820	818	815	814	811	810	807	807	804	804	802	802	800	801	800	801	814
20	784	782	778	777	773	772	768	767	764	763	760	760	757	758	756	756	755	756	770
25	732	730	726	724	720	719	715	714	710	710	706	706	703	704	701	702	701	702	715
30	671	669	664	663	659	658	653	652	648	648	644	644	641	641	638	639	637	639	652
35	602	601	596	595	590	589	584	584	579	579	575	575	571	572	569	570	568	570	582
40	527	527	522	521	516	516	511	510	505	505	501	501	497	498	495	496	494	496	507
45	449	449	444	444	439	439	434	434	429	428	424	424	420	421	418	419	417	420	430
50	371	370	366	366	362	362	357	357	352	352	347	348	343	344	341	343	341	344	353
55	293	293	289	289	285	286	282	282	277	277	272	272	267	268	265	268	266	269	278
60	218	218	214	215	212	213	209	209	205	204	199	199	195	196	193	196	194	198	205
65	148	148	146	146	143	144	141	141	137	137	133	132	128	129	127	129	128	131	137
70	84.8	85.5	83.4	83.6	81.0	81.1	78.4	78.5	75.7	75.6	72.6	72.2	69.4	69.7	67.3	65.6	62.9	65.2	72.3
75	28.6	29.7	28.9	30.0	27.6	27.5	25.2	25.2	23.0	23.3	21.5	22.1	20.6	21.2	17.8	12.3	7.48	9.99	16.5
80	0.54	0.56	0.57	0.58	0.57	0.55	0.52	0.49	0.48	0.44	0.44	0.42	0.42	0.36	0.32	0.20	0.21	0.18	0.23
85	0.17	0.16	0.17	0.16	0.17	0.15	0.17	0.16	0.17	0.15	0.17	0.16	0.16	0.15	0.14	0.14	0.13	0.15	0.10
90	0.17	0.21	0.17	0.21	0.17	0.22	0.16	0.22	0.17	0.23	0.17	0.23	0.18	0.23	0.19	0.25	0.19	0.25	0.16
95	0.30	0.36	0.31	0.37	0.32	0.38	0.32	0.38	0.34	0.39	0.35	0.40	0.35	0.41	0.36	0.41	0.36	0.40	0.30
100	0.53	0.57	0.53	0.58	0.54	0.59	0.54	0.60	0.56	0.60	0.57	0.62	0.58	0.63	0.59	0.64	0.58	0.63	0.49
105	0.79	0.84	0.80	0.85	0.80	0.85	0.82	0.87	0.83	0.88	0.85	0.90	0.85	0.91	0.87	0.91	0.87	0.92	0.73
110	1.11	1.16	1.12	1.16	1.13	1.18	1.14	1.19	1.15	1.20	1.17	1.22	1.18	1.24	1.20	1.25	1.20	1.24	1.03
115	1.48	1.53	1.48	1.52	1.49	1.53	1.49	1.55	1.52	1.57	1.54	1.59	1.56	1.61	1.57	1.62	1.58	1.63	1.37
120	1.87	1.91	1.86	1.90	1.87	1.92	1.87	1.93	1.90	1.96	1.92	1.97	1.95	1.99	1.97	2.01	1.97	2.02	1.74
125	2.28	2.32	2.27	2.31	2.28	2.32	2.28	2.33	2.32	2.36	2.34	2.39	2.36	2.42	2.38	2.42	2.40	2.44	2.13
130	2.70	2.73	2.69	2.72	2.69	2.74	2.71	2.74	2.73	2.78	2.76	2.81	2.78	2.83	2.80	2.85	2.81	2.86	2.54
135	3.13	3.15	3.12	3.16	3.11	3.16	3.13	3.18	3.16	3.22	3.19	3.24	3.21	3.25	3.23	3.29	3.24	3.30	2.96
140	3.57	3.59	3.54	3.58	3.54	3.58	3.54	3.59	3.58	3.63	3.61	3.66	3.62	3.68	3.66	3.70	3.68	3.72	3.38
145	3.98	4.01	3.95	3.98	3.95	4.00	3.95	4.00	3.97	4.03	4.01	4.06	4.04	4.10	4.06	4.10	4.07	4.13	3.80
150	4.35	4.39	4.32	4.36	4.32	4.38	4.33	4.39	4.37	4.43	4.40	4.46	4.42	4.48	4.42	4.47	4.43	4.50	4.20
155	4.69	4.73	4.65	4.71	4.64	4.71	4.68	4.75	4.72	4.78	4.74	4.80	4.74	4.79	4.74	4.80	4.77	4.82	4.57
160	4.98	5.03	4.96	5.00	4.95	5.01	4.97	5.04	5.00	5.06	5.02	5.08	5.04	5.09	5.04	5.10	5.06	5.11	4.90
165	5.25	5.28	5.22	5.27	5.20	5.27	5.23	5.29	5.24	5.31	5.26	5.32	5.27	5.33	5.29	5.36	5.31	5.37	5.21
170	5.46	5.51	5.43	5.47	5.43	5.50	5.44	5.50	5.42	5.47	5.42	5.47	5.43	5.52	5.48	5.54	5.49	5.55	5.46
175	5.60	5.64	5.58	5.64	5.58	5.64	5.58	5.61	5.54	5.59	5.53	5.59	5.56	5.61	5.59	5.61	5.58	5.59	5.64
180	5.66	5.66	5.63	5.65	5.65	5.65	5.61	5.61	5.58	5.59	5.58	5.59	5.59	5.60	5.61	5.61	5.59	5.59	5.67

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:230.15V I:0.1508A P:17.267W PF:0.4976 Freq:60.00Hz Lamp Flux:1776.81x1 lm																	
NAME:									TYPE: 6500K						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	874	872	871	870	868	868	867	866	866	865	865	864	864	864	864	864	864		
5	866	865	863	863	862	862	861	861	861	861	861	861	861	861	860	861	860		
10	845	844	843	843	842	843	843	843	843	844	844	845	844	845	844	845	844		
15	812	812	810	811	811	812	812	813	813	815	815	816	816	817	816	817	815		
20	767	768	767	768	768	770	770	772	772	774	774	776	775	777	776	777	775		
25	713	714	713	715	715	717	717	720	720	723	722	725	725	726	725	726	724		
30	649	651	650	653	653	656	656	659	659	662	662	665	665	667	665	667	664		
35	580	582	581	584	584	587	587	591	591	595	594	598	597	600	598	600	597		
40	505	508	507	510	510	514	513	518	517	521	521	525	524	527	525	527	524		
45	429	431	430	433	433	437	436	441	441	445	445	449	448	451	449	450	447		
50	352	355	353	356	355	359	358	363	362	367	367	372	371	374	371	373	370		
55	276	279	277	280	279	282	282	286	286	291	291	295	294	297	294	296	293		
60	204	207	205	207	206	209	208	213	213	217	217	221	219	222	220	222	219		
65	136	138	137	139	138	140	141	144	145	148	148	150	150	152	151	152	150		
70	73.5	75.8	75.3	77.6	77.3	79.8	80.0	82.5	82.3	84.7	84.2	86.3	85.6	87.4	86.4	88.0	86.5		
75	19.5	22.1	22.9	25.3	25.7	27.9	27.7	29.3	28.6	30.2	29.5	31.1	30.2	31.7	31.1	32.1	30.6		
80	0.30	0.33	0.39	0.40	0.44	0.44	0.51	0.48	0.54	0.55	0.60	0.66	0.62	0.84	0.76	0.92	0.71		
85	0.11	0.10	0.11	0.09	0.11	0.10	0.12	0.11	0.12	0.11	0.13	0.10	0.11	0.09	0.12	0.11	0.12		
90	0.11	0.16	0.11	0.16	0.10	0.15	0.11	0.14	0.11	0.14	0.11	0.13	0.10	0.13	0.11	0.13	0.11		
95	0.24	0.29	0.23	0.28	0.22	0.28	0.22	0.26	0.21	0.26	0.20	0.25	0.20	0.24	0.19	0.25	0.19		
100	0.43	0.48	0.42	0.47	0.41	0.46	0.40	0.44	0.39	0.44	0.37	0.43	0.36	0.41	0.36	0.41	0.36		
105	0.68	0.72	0.66	0.70	0.64	0.69	0.63	0.68	0.61	0.65	0.59	0.64	0.59	0.63	0.59	0.63	0.59		
110	0.97	1.01	0.95	0.98	0.93	0.97	0.91	0.95	0.90	0.92	0.88	0.92	0.86	0.91	0.86	0.91	0.86		
115	1.31	1.34	1.29	1.32	1.26	1.29	1.25	1.31	1.23	1.25	1.19	1.24	1.18	1.21	1.18	1.23	1.20		
120	1.68	1.71	1.64	1.67	1.62	1.64	1.61	1.66	1.58	1.59	1.54	1.58	1.53	1.57	1.53	1.59	1.55		
125	2.06	2.09	2.03	2.05	1.99	2.01	1.98	2.01	1.95	1.96	1.91	1.95	1.90	1.93	1.90	1.94	1.91		
130	2.46	2.48	2.42	2.44	2.38	2.41	2.35	2.38	2.32	2.35	2.30	2.34	2.29	2.33	2.28	2.34	2.31		
135	2.88	2.90	2.84	2.85	2.79	2.82	2.76	2.79	2.73	2.76	2.71	2.74	2.68	2.73	2.69	2.73	2.71		
140	3.31	3.32	3.27	3.28	3.21	3.23	3.16	3.21	3.15	3.17	3.10	3.14	3.11	3.15	3.11	3.16	3.13		
145	3.71	3.73	3.67	3.70	3.63	3.64	3.58	3.62	3.54	3.57	3.52	3.57	3.53	3.57	3.52	3.56	3.55		
150	4.11	4.13	4.06	4.11	4.04	4.06	4.00	4.03	3.96	3.98	3.92	3.98	3.94	3.97	3.91	3.97	3.95		
155	4.50	4.51	4.42	4.46	4.41	4.44	4.38	4.43	4.35	4.39	4.32	4.36	4.30	4.34	4.29	4.35	4.32		
160	4.82	4.86	4.76	4.79	4.72	4.77	4.72	4.76	4.68	4.73	4.66	4.70	4.63	4.68	4.64	4.69	4.65		
165	5.13	5.16	5.09	5.11	5.04	5.08	5.01	5.06	4.99	5.03	4.97	5.01	4.94	4.99	4.94	5.00	4.96		
170	5.38	5.42	5.33	5.37	5.28	5.31	5.23	5.29	5.22	5.27	5.22	5.27	5.21	5.25	5.20	5.25	5.21		
175	5.56	5.61	5.54	5.58	5.49	5.53	5.44	5.49	5.41	5.48	5.43	5.50	5.42	5.48	5.41	5.46	5.41		
180	5.64	5.65	5.64	5.65	5.64	5.64	5.59	5.59	5.58	5.58	5.58	5.59	5.60	5.60	5.57	5.58	5.56		

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: