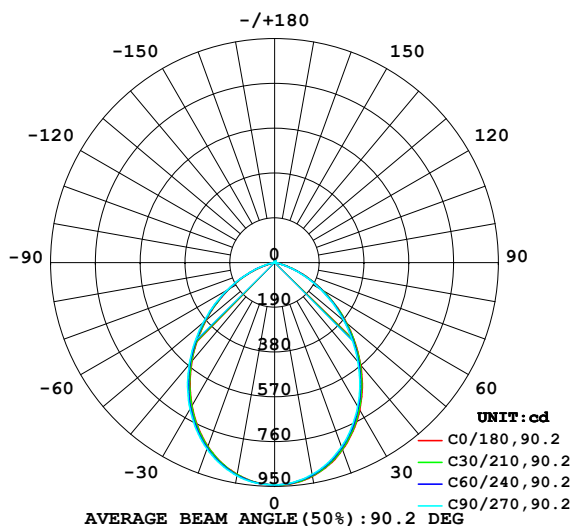


LUMINAIRE PHOTOMETRIC TEST REPORT

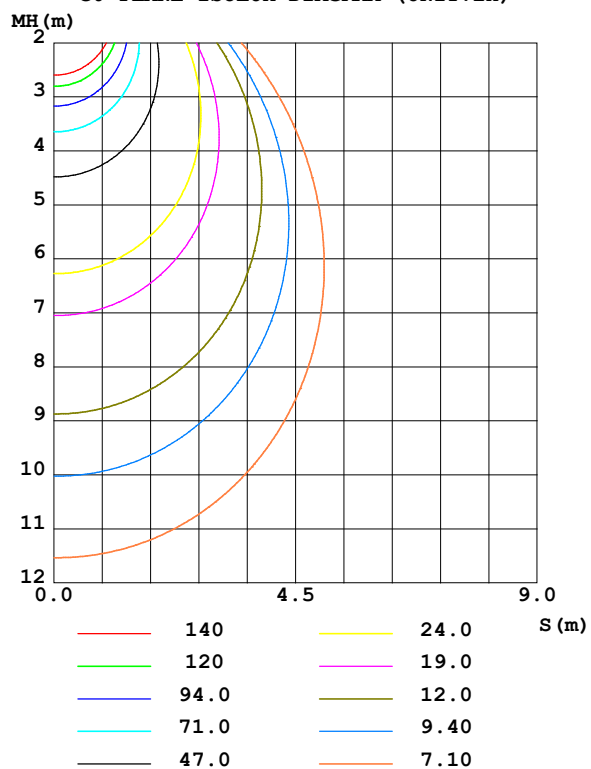
Test:U:230.25V I:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.52 lm/W			
MODEL	XY-1002	I _{max} (cd)	944.4	S/MH(C0/180)	1.13
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1933.3	η UP,DN(C0-180)	0.4,49.1
NOMINAL FLUX(lm)	1933.3	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 °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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	921.3	917.7	913.5	910.3	912.9	914.9	918.5	921.6	0- 10	88.76	88.76	4.59,4.59
20	844.7	838.5	831.4	825.7	829.2	833.8	840.8	846.8	10- 20	248.3	337.1	17.4,17.4
30	722.5	714.8	705.6	698.2	702.3	708.7	718.0	726.4	20- 30	358.0	695.1	36,36
40	568.5	560.3	550.3	541.7	546.4	553.7	563.8	573.7	30- 40	397.8	1093	56.5,56.5
50	399.7	393.3	383.6	373.9	380.8	386.2	395.2	406.1	40- 50	365.1	1458	75.4,75.4
60	235.0	231.0	223.0	212.6	221.3	224.3	231.9	241.3	50- 60	274.6	1733	89.6,89.6
70	91.50	88.19	82.50	74.91	77.77	84.07	89.74	94.38	60- 70	152.2	1885	97.5,97.5
80	0.5978	0.6120	0.5008	0.3834	0.2614	0.4623	0.5922	0.8134	70- 80	33.94	1919	99.2,99.2
90	0.1853	0.2216	0.2590	0.2441	0.1855	0.1433	0.1291	0.1320	80- 90	0.2196	1919	99.3,99.3
100	0.5727	0.6238	0.6747	0.6766	0.5340	0.4863	0.4313	0.4380	90-100	0.3794	1919	99.3,99.3
110	1.212	1.265	1.327	1.342	1.112	1.052	0.9984	0.9766	100-110	0.8849	1920	99.3,99.3
120	2.026	2.071	2.135	2.170	1.883	1.794	1.729	1.707	110-120	1.523	1922	99.4,99.4
130	2.930	2.959	3.043	3.082	2.737	2.638	2.548	2.527	120-130	2.116	1924	99.5,99.5
140	3.851	3.876	3.966	4.020	3.650	3.532	3.450	3.424	130-140	2.515	1926	99.6,99.6
150	4.698	4.730	4.823	4.868	4.537	4.437	4.328	4.325	140-150	2.602	1929	99.8,99.8
160	5.390	5.418	5.530	5.530	5.289	5.188	5.114	5.082	150-160	2.289	1931	99.9,99.9
170	5.895	5.935	5.974	6.013	5.878	5.794	5.704	5.716	160-170	1.583	1933	100,100
180	6.114	6.148	6.097	6.134	6.120	6.142	6.092	6.123	170-180	0.5711	1933	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]

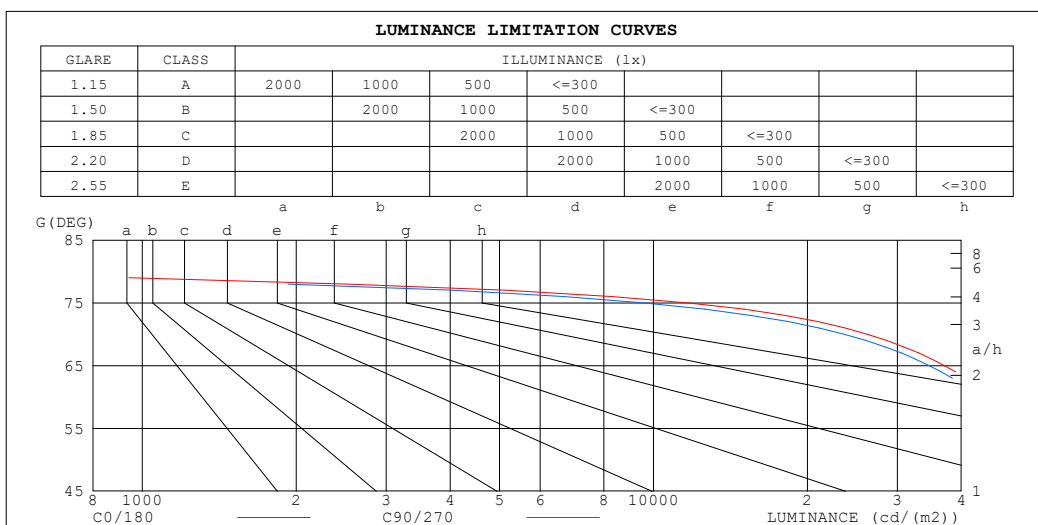
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.25V I:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz

Lamp Flux:1933.3x1 lm

NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:



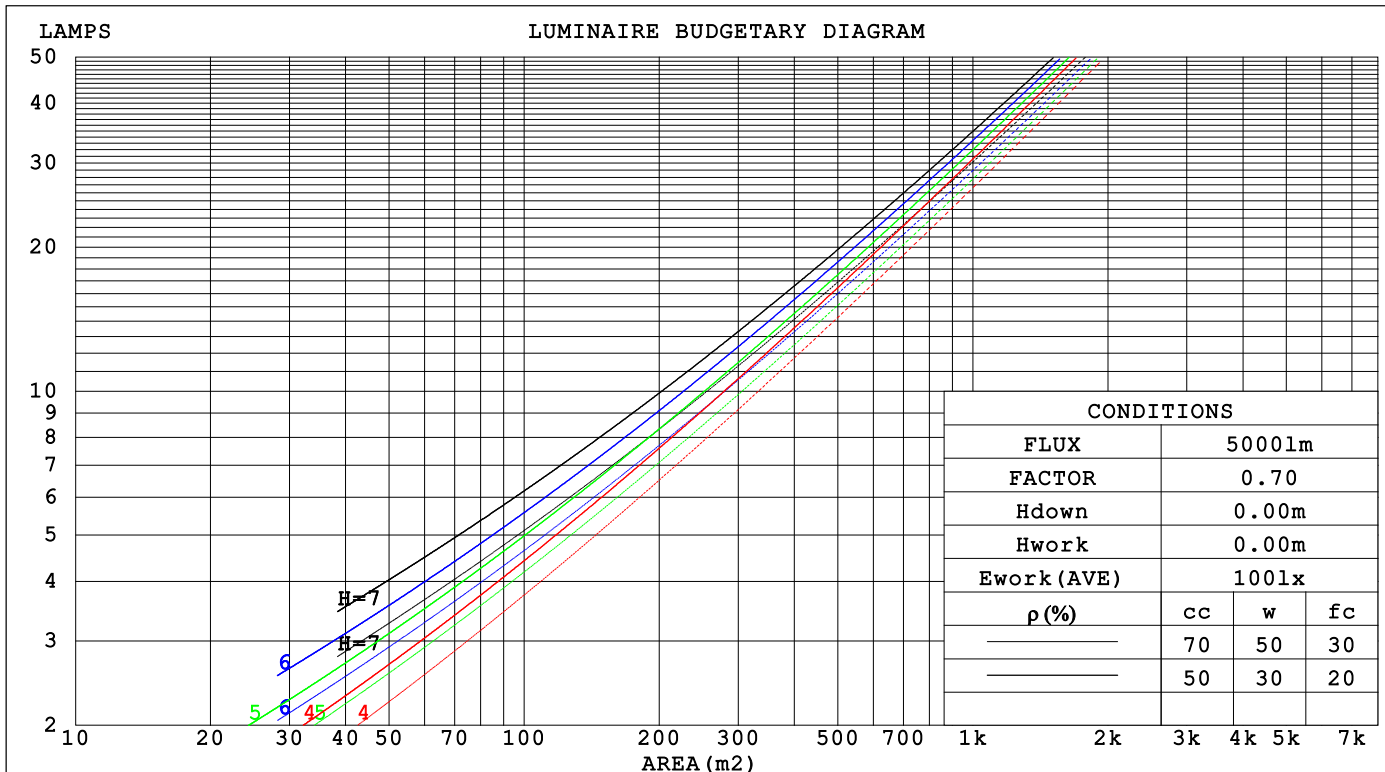
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 31 July 2025

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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 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	.60	.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: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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 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	.203	.117	.038		
2.0	.242	.133	.041	.236	.130	.040	.224	.125	.039	.214	.120	.038	.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	.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	.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: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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 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	24.0	25.4	24.3	25.6	25.8	23.9	25.2	24.1	25.4	25.6
	3H	24.6	25.9	24.9	26.1	26.3	24.4	25.6	24.7	25.8	26.1
	4H	24.6	25.8	25.0	26.1	26.3	24.4	25.5	24.7	25.8	26.0
	6H	24.6	25.6	24.9	25.9	26.2	24.3	25.4	24.6	25.6	25.9
	8H	24.5	25.6	24.8	25.8	26.1	24.2	25.3	24.6	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	24.3	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	26.6	24.8	25.8	25.1	26.1	26.4
	4H	25.0	26.0	25.4	26.3	26.6	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	25.9	26.2
	8H	24.9	25.7	25.3	26.0	26.4	24.7	25.4	25.1	25.8	26.2
	12H	24.9	25.5	25.3	25.9	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	25.3	25.9	26.3	24.6	25.2	25.1	25.7	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	24.6	25.0	25.0	25.5	26.0
12H	4H	24.9	25.6	25.4	26.0	26.4	24.7	25.4	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	24.6	25.0	25.0	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 / - 1.1					+ 0.9 / - 1.1				

CIE Pub.117, 1933 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.3)
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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

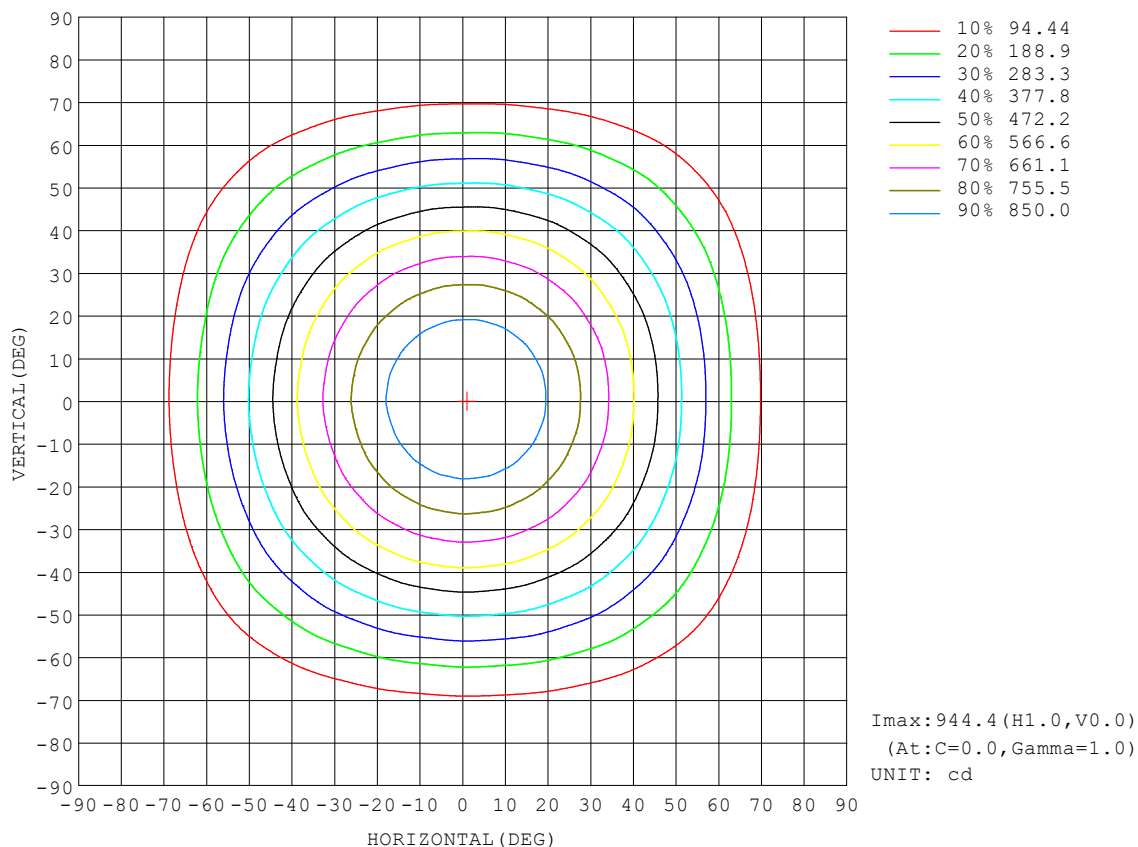
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	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: 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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

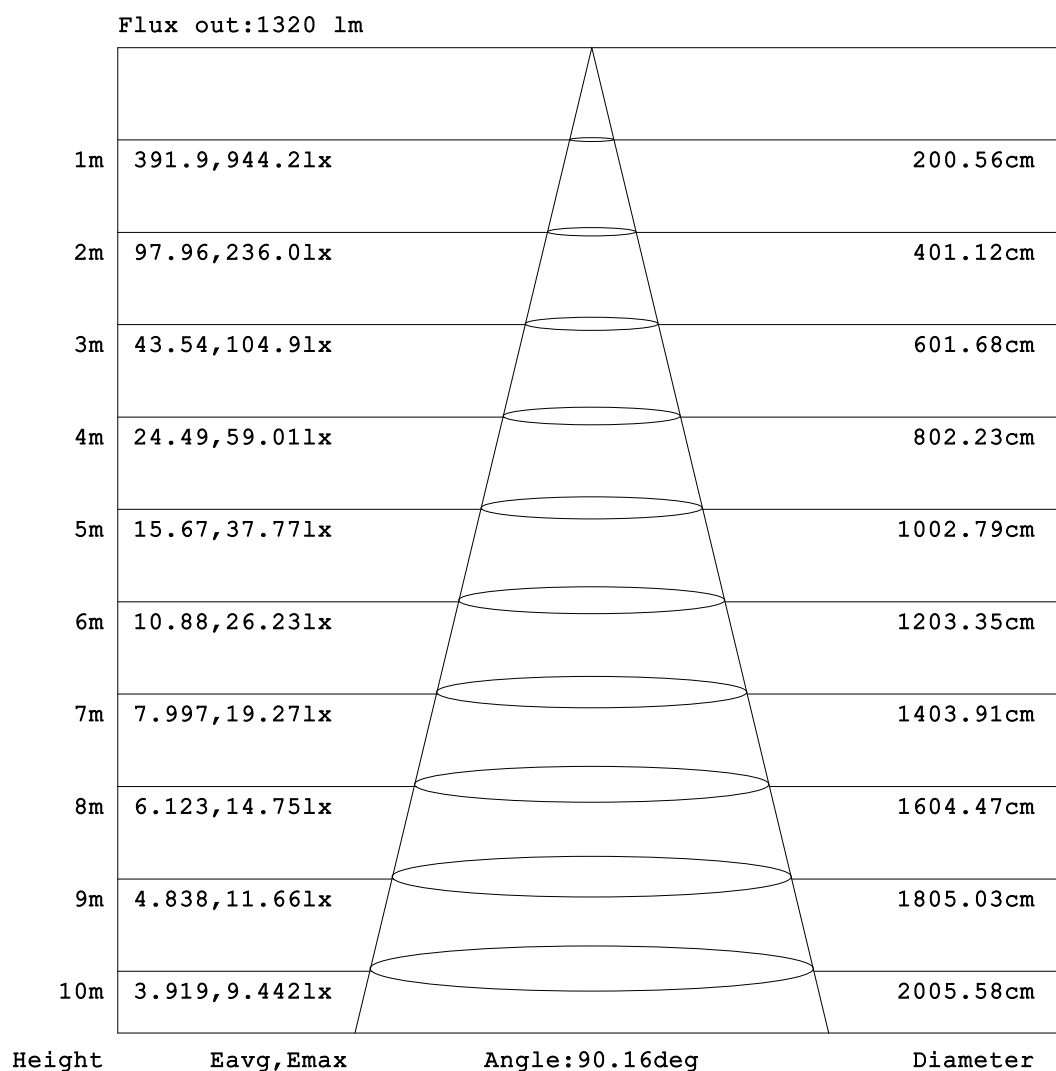


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:31 July 2025

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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 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 °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

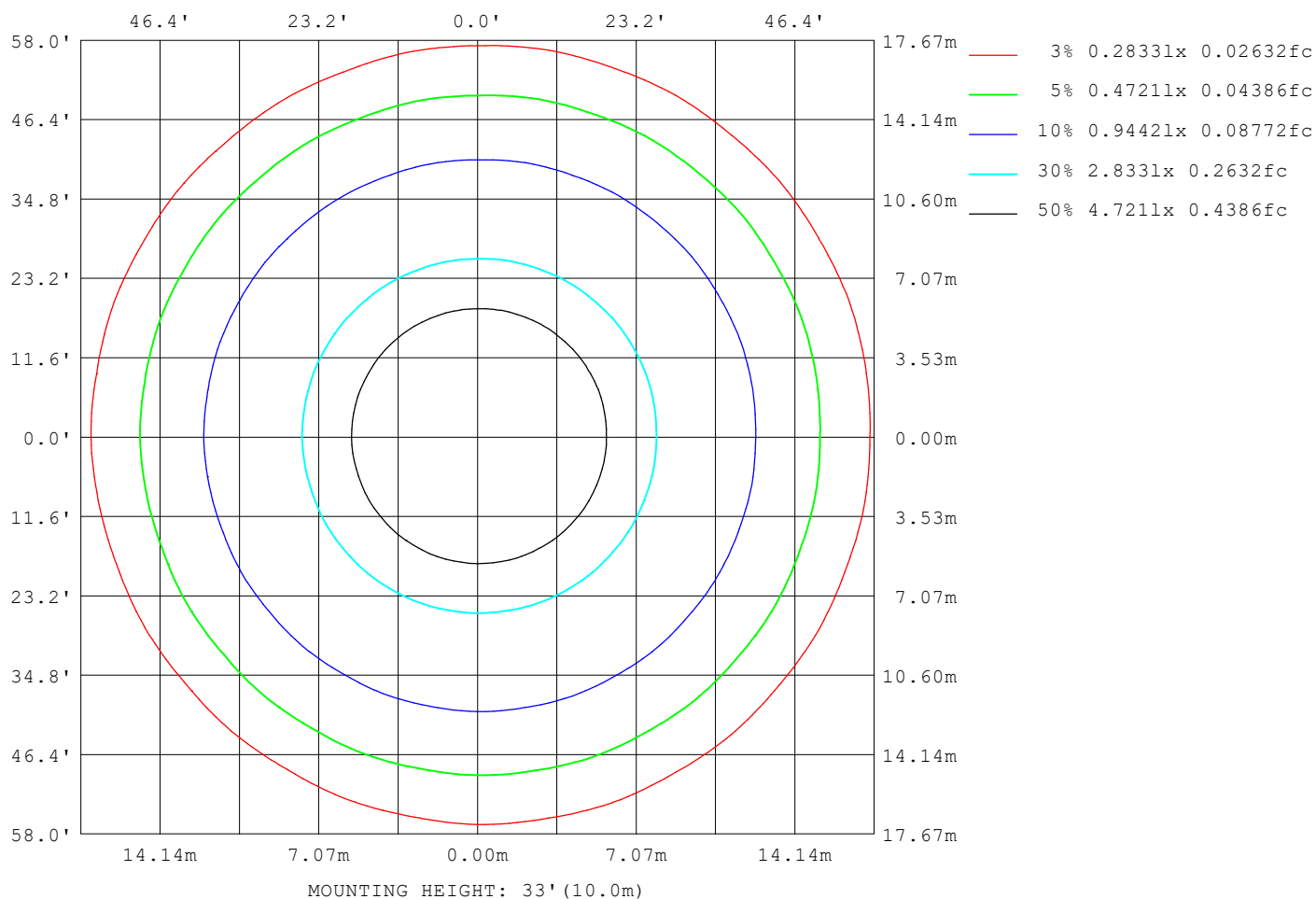
Humidity: 65.0%

Test Distance: 8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.25V I:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 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: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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 lm		
NAME:	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	35644
L_0~180 (75) av	9228
L_0~180 (85) av	171
L_90~270 (65) av	35622
L_90~270 (75) av	10736
L_90~270 (85) av	180
L_45 (65) av	35466
L_45 (75) av	10745
L_45 (85) av	165

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

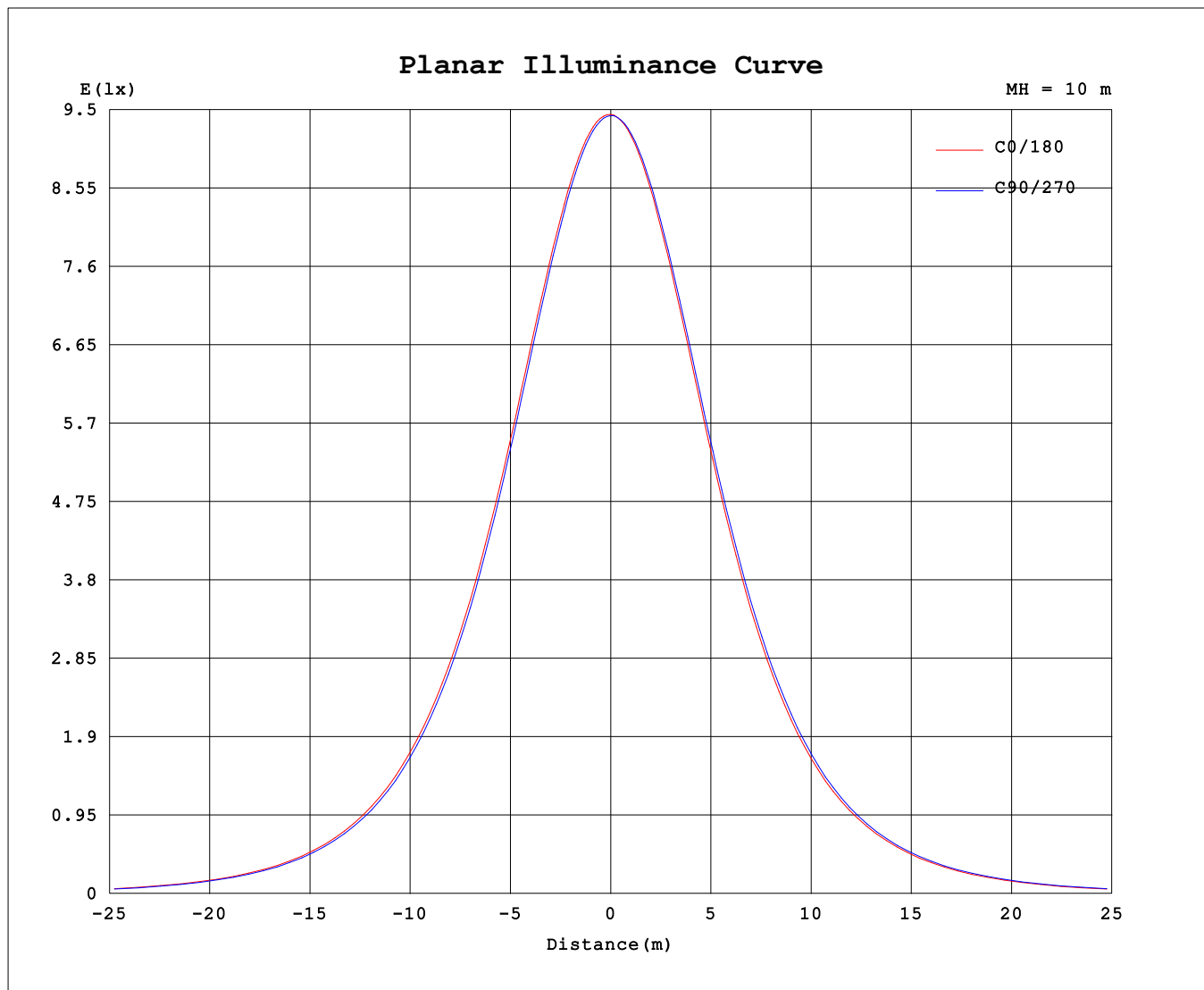
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 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	944	944	944	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	944
5	940	939	939	938	938	937	936	936	935	935	934	934	933	934	933	934	933	934	936
10	921	921	920	919	918	918	916	915	914	914	912	912	911	911	910	910	910	910	913
15	889	889	887	887	885	884	882	881	879	879	876	876	874	875	873	874	873	874	877
20	845	844	842	841	839	838	835	835	832	831	829	829	826	827	825	826	824	826	829
25	789	788	785	785	782	781	778	777	774	773	770	770	767	768	765	766	765	767	770
30	723	723	719	719	715	715	710	710	706	706	702	702	699	700	697	698	696	698	702
35	649	649	645	645	641	640	636	635	631	631	627	627	623	624	621	622	620	622	627
40	569	569	565	565	560	560	556	555	550	550	546	546	543	543	540	542	539	542	546
45	485	485	481	481	477	477	473	472	467	467	463	463	459	460	457	458	456	459	464
50	400	400	396	397	393	394	389	389	384	384	379	379	375	376	372	374	372	376	381
55	316	317	313	314	310	311	307	307	302	302	297	297	292	293	290	292	290	294	300
60	235	236	232	234	230	232	228	228	223	223	218	218	213	214	211	214	212	216	221
65	160	160	158	159	156	157	153	154	150	149	145	144	140	141	139	141	140	143	147
70	91.5	92.4	90.5	90.7	88.1	88.2	85.4	85.6	82.7	82.5	79.3	78.9	75.9	76.2	73.6	71.7	68.8	71.3	77.8
75	30.9	32.2	31.4	32.4	30.3	30.1	27.5	27.5	25.2	25.4	23.6	24.2	22.5	23.2	19.4	13.4	8.26	10.9	17.8
80	0.60	0.61	0.64	0.64	0.62	0.60	0.58	0.54	0.52	0.50	0.49	0.46	0.46	0.41	0.35	0.22	0.23	0.21	0.26
85	0.19	0.18	0.19	0.18	0.19	0.17	0.19	0.17	0.19	0.18	0.19	0.18	0.17	0.17	0.16	0.16	0.15	0.17	0.11
90	0.19	0.23	0.20	0.24	0.20	0.25	0.19	0.25	0.19	0.26	0.20	0.25	0.21	0.27	0.22	0.28	0.22	0.28	0.19
95	0.34	0.39	0.35	0.40	0.36	0.42	0.37	0.43	0.38	0.44	0.39	0.44	0.39	0.44	0.41	0.46	0.41	0.46	0.33
100	0.57	0.62	0.58	0.64	0.60	0.65	0.60	0.66	0.62	0.67	0.63	0.69	0.65	0.70	0.65	0.70	0.65	0.70	0.53
105	0.86	0.91	0.88	0.92	0.89	0.94	0.90	0.96	0.91	0.98	0.94	0.99	0.95	1.00	0.96	1.01	0.97	1.01	0.79
110	1.21	1.26	1.22	1.26	1.24	1.29	1.26	1.30	1.27	1.33	1.29	1.34	1.31	1.37	1.32	1.37	1.33	1.38	1.11
115	1.60	1.65	1.62	1.65	1.63	1.67	1.64	1.69	1.67	1.72	1.69	1.74	1.71	1.76	1.73	1.78	1.74	1.78	1.48
120	2.03	2.06	2.04	2.07	2.05	2.09	2.06	2.10	2.08	2.14	2.11	2.16	2.14	2.18	2.16	2.20	2.17	2.21	1.88
125	2.48	2.51	2.46	2.50	2.49	2.53	2.50	2.55	2.54	2.59	2.56	2.61	2.59	2.64	2.61	2.65	2.63	2.67	2.30
130	2.93	2.95	2.92	2.96	2.94	2.98	2.95	3.00	2.99	3.04	3.01	3.06	3.05	3.10	3.07	3.12	3.09	3.13	2.74
135	3.39	3.41	3.38	3.43	3.40	3.43	3.42	3.46	3.46	3.52	3.49	3.54	3.51	3.56	3.53	3.59	3.56	3.61	3.19
140	3.85	3.89	3.85	3.89	3.86	3.90	3.86	3.92	3.91	3.97	3.95	3.99	3.97	4.03	4.01	4.05	4.02	4.08	3.65
145	4.29	4.33	4.28	4.32	4.31	4.35	4.30	4.35	4.34	4.40	4.38	4.43	4.42	4.48	4.44	4.49	4.45	4.52	4.10
150	4.70	4.74	4.68	4.73	4.70	4.76	4.70	4.77	4.76	4.82	4.80	4.86	4.83	4.89	4.84	4.88	4.84	4.91	4.54
155	5.07	5.12	5.05	5.10	5.05	5.12	5.09	5.18	5.15	5.22	5.18	5.24	5.19	5.24	5.20	5.24	5.21	5.27	4.93
160	5.39	5.44	5.38	5.43	5.38	5.45	5.42	5.50	5.46	5.53	5.48	5.55	5.51	5.55	5.51	5.58	5.55	5.60	5.29
165	5.66	5.72	5.65	5.72	5.67	5.73	5.70	5.77	5.73	5.79	5.75	5.81	5.75	5.82	5.78	5.86	5.82	5.87	5.62
170	5.90	5.95	5.89	5.95	5.90	5.97	5.92	5.99	5.93	5.97	5.92	5.99	5.94	6.03	6.00	6.07	6.01	6.06	5.88
175	6.05	6.10	6.05	6.11	6.06	6.13	6.08	6.11	6.05	6.10	6.05	6.11	6.08	6.14	6.12	6.14	6.11	6.12	6.08
180	6.11	6.11	6.12	6.13	6.15	6.15	6.12	6.12	6.10	6.10	6.10	6.10	6.12	6.13	6.14	6.14	6.12	6.12	6.12

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:0.1636A P:19.234W PF:0.5106 Freq:60.00Hz Lamp Flux:1933.3x1 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	944	944	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943		
5	935	936	935	936	936	937	937	938	938	938	938	939	939	939	939	939	939		
10	912	914	913	915	915	916	917	918	918	920	920	921	921	922	922	922	922		
15	877	878	878	880	881	883	883	886	886	888	888	890	890	891	891	892	890		
20	829	831	831	834	834	837	837	840	841	844	844	846	846	848	847	848	846		
25	770	773	772	776	776	780	780	784	784	788	788	791	791	793	792	793	791		
30	701	705	705	708	709	713	714	718	718	722	722	726	725	728	726	728	726		
35	626	629	630	634	634	639	639	644	644	648	649	652	652	654	653	655	652		
40	546	549	549	554	554	559	559	564	564	569	568	573	572	575	573	576	573		
45	463	466	466	470	470	475	475	480	480	485	485	490	489	492	490	492	489		
50	380	384	383	387	386	390	390	395	395	401	401	405	404	408	405	407	404		
55	299	302	301	304	303	307	307	312	312	317	317	321	321	324	322	324	320		
60	220	224	222	225	223	227	227	232	232	237	237	241	240	243	241	243	239		
65	147	150	149	151	150	153	153	157	158	161	161	164	163	166	165	166	164		
70	79.4	82.0	81.6	84.1	84.1	86.9	87.0	89.9	89.7	92.3	91.9	94.1	93.3	95.4	94.4	96.2	94.7		
75	21.0	23.8	24.8	27.6	27.9	30.3	30.2	31.9	31.3	32.8	32.2	33.9	33.1	34.6	34.0	35.1	33.6		
80	0.34	0.37	0.43	0.44	0.48	0.49	0.54	0.54	0.59	0.59	0.63	0.74	0.71	0.92	0.81	1.01	0.78		
85	0.13	0.12	0.13	0.12	0.13	0.12	0.13	0.12	0.14	0.12	0.13	0.11	0.13	0.11	0.14	0.12	0.15		
90	0.13	0.17	0.13	0.17	0.12	0.17	0.12	0.16	0.13	0.16	0.13	0.16	0.12	0.15	0.13	0.16	0.13		
95	0.28	0.33	0.27	0.32	0.26	0.31	0.25	0.30	0.24	0.29	0.24	0.28	0.22	0.28	0.22	0.28	0.23		
100	0.48	0.52	0.48	0.51	0.46	0.50	0.45	0.49	0.43	0.48	0.43	0.47	0.41	0.47	0.40	0.46	0.41		
105	0.73	0.79	0.72	0.77	0.72	0.75	0.70	0.74	0.68	0.72	0.67	0.71	0.66	0.70	0.65	0.71	0.66		
110	1.06	1.09	1.05	1.08	1.02	1.06	1.00	1.05	1.00	1.02	0.97	1.00	0.96	1.00	0.95	1.00	0.96		
115	1.42	1.46	1.41	1.43	1.38	1.41	1.37	1.43	1.36	1.37	1.32	1.35	1.30	1.34	1.30	1.35	1.32		
120	1.82	1.84	1.80	1.83	1.76	1.79	1.76	1.83	1.73	1.75	1.70	1.73	1.69	1.73	1.69	1.73	1.70		
125	2.24	2.27	2.21	2.23	2.18	2.20	2.16	2.20	2.13	2.15	2.10	2.13	2.08	2.12	2.09	2.14	2.11		
130	2.68	2.70	2.65	2.67	2.61	2.62	2.58	2.60	2.55	2.57	2.52	2.56	2.51	2.54	2.51	2.56	2.54		
135	3.12	3.14	3.09	3.11	3.05	3.07	3.02	3.06	2.99	3.01	2.96	2.99	2.95	2.98	2.96	3.00	2.97		
140	3.58	3.60	3.56	3.56	3.50	3.52	3.46	3.51	3.45	3.46	3.40	3.43	3.40	3.45	3.42	3.46	3.44		
145	4.04	4.04	3.98	4.03	3.97	3.97	3.91	3.94	3.88	3.90	3.84	3.90	3.87	3.91	3.86	3.90	3.90		
150	4.46	4.47	4.41	4.46	4.41	4.43	4.36	4.40	4.33	4.36	4.31	4.35	4.31	4.34	4.30	4.34	4.32		
155	4.86	4.88	4.81	4.85	4.79	4.84	4.78	4.82	4.75	4.79	4.72	4.76	4.70	4.73	4.68	4.75	4.72		
160	5.23	5.26	5.17	5.22	5.16	5.20	5.14	5.19	5.11	5.15	5.10	5.13	5.06	5.10	5.06	5.13	5.10		
165	5.55	5.59	5.53	5.55	5.49	5.53	5.47	5.53	5.46	5.50	5.43	5.47	5.41	5.46	5.41	5.47	5.43		
170	5.82	5.86	5.80	5.83	5.76	5.79	5.72	5.77	5.70	5.76	5.72	5.76	5.69	5.74	5.68	5.75	5.71		
175	6.02	6.08	6.02	6.07	5.98	6.02	5.95	5.99	5.92	5.99	5.93	6.00	5.95	5.99	5.93	5.97	5.92		
180	6.11	6.12	6.13	6.15	6.14	6.14	6.10	6.10	6.09	6.10	6.10	6.11	6.12	6.13	6.10	6.10	6.09		

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: