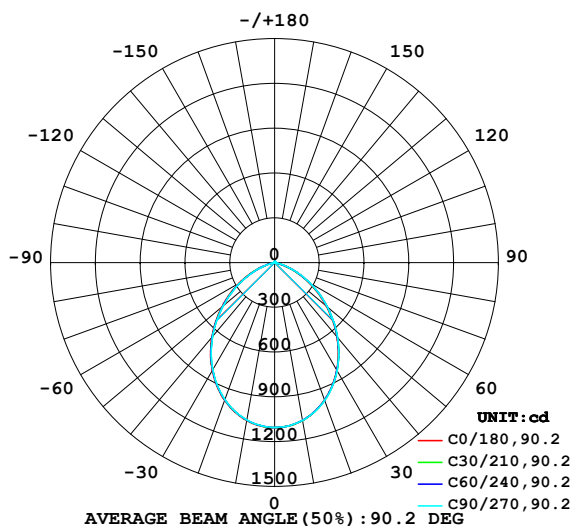


LUMINAIRE PHOTOMETRIC TEST REPORT

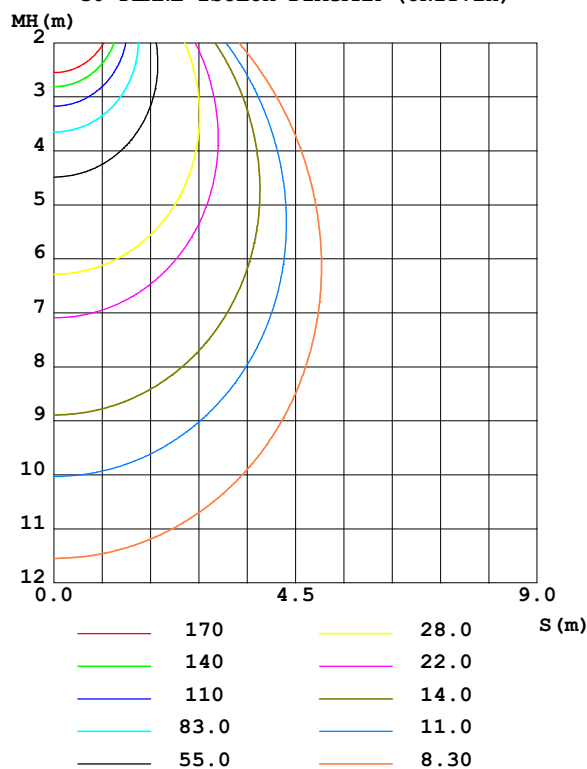
Test:U:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm		
NAME: P101036	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 95.83 lm/W
MODEL	XY-1002	I _{max} (cd)	1106	S/MH(C0/180)	1.14	
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.14	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2263.6	η UP,DN(C0-180)	0.4,49.8	
NOMINAL FLUX(lm)	2263.61	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,49.4	
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down (%)	99.2	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:30 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	1075	1074	1074	1073	1075	1072	1071	1073	0- 10	104.0	104.0	4.59,4.59
20	980.2	981.5	982.2	979.6	981.3	977.6	976.4	979.1	10- 20	290.8	394.8	17.4,17.4
30	833.7	836.3	838.0	834.9	835.9	831.3	829.5	833.3	20- 30	419.3	814.1	36,36
40	651.1	655.3	657.8	654.3	655.3	649.9	647.3	651.9	30- 40	466.0	1280	56.6,56.6
50	452.8	459.7	462.7	458.3	461.5	453.3	449.6	454.9	40- 50	427.5	1708	75.4,75.4
60	260.8	269.7	273.4	267.8	273.7	263.2	259.4	263.1	50- 60	321.4	2029	89.6,89.6
70	95.67	102.4	106.9	102.4	102.2	99.19	94.38	94.35	60- 70	177.9	2207	97.5,97.5
80	0.5042	0.7295	0.8321	0.7253	0.4813	0.5853	0.4936	0.4652	70- 80	39.30	2246	99.2,99.2
90	0.2638	0.2841	0.2929	0.2663	0.2140	0.1912	0.1683	0.1884	80- 90	0.2688	2247	99.2,99.2
100	0.7451	0.7471	0.7593	0.7410	0.5968	0.5952	0.5711	0.5814	90-100	0.4652	2247	99.3,99.3
110	1.520	1.507	1.505	1.496	1.259	1.254	1.239	1.236	100-110	1.055	2248	99.3,99.3
120	2.485	2.447	2.451	2.456	2.134	2.119	2.122	2.106	110-120	1.800	2250	99.4,99.4
130	3.552	3.503	3.498	3.526	3.151	3.113	3.092	3.087	120-130	2.500	2252	99.5,99.5
140	4.635	4.582	4.601	4.620	4.219	4.175	4.151	4.146	130-140	2.967	2255	99.6,99.6
150	5.618	5.580	5.621	5.632	5.246	5.220	5.171	5.174	140-150	3.063	2258	99.8,99.8
160	6.411	6.389	6.457	6.442	6.160	6.109	6.090	6.063	150-160	2.696	2261	99.9,99.9
170	6.973	6.996	7.007	7.038	6.872	6.830	6.760	6.774	160-170	1.864	2263	100,100
180	7.204	7.240	7.192	7.218	7.209	7.240	7.187	7.209	170-180	0.6726	2264	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:30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz

Lamp Flux:2263.61x1 lm

NAME: P101036

TYPE: 6500K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

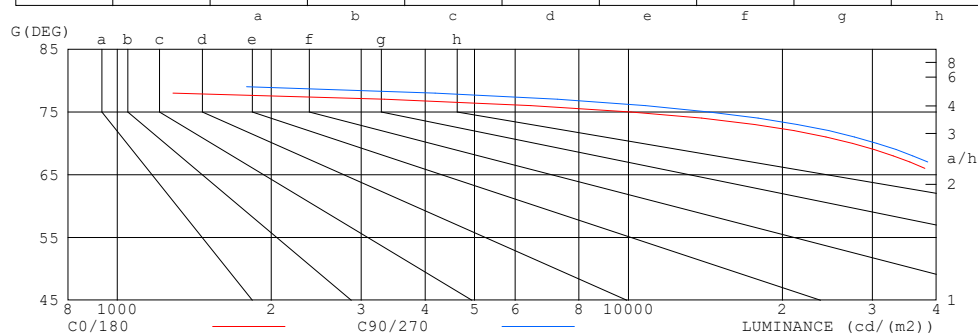
MFR.:

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	272	240
80	285	470
75	10113	14371
70	27419	30626
65	40358	43170
60	51121	53593
55	60585	62632
50	69048	70553
45	76524	77702

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 July 2025

 γ Range: 0 - 180DEG γ Interval: 1.0DEG

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

Humidity:65.0%

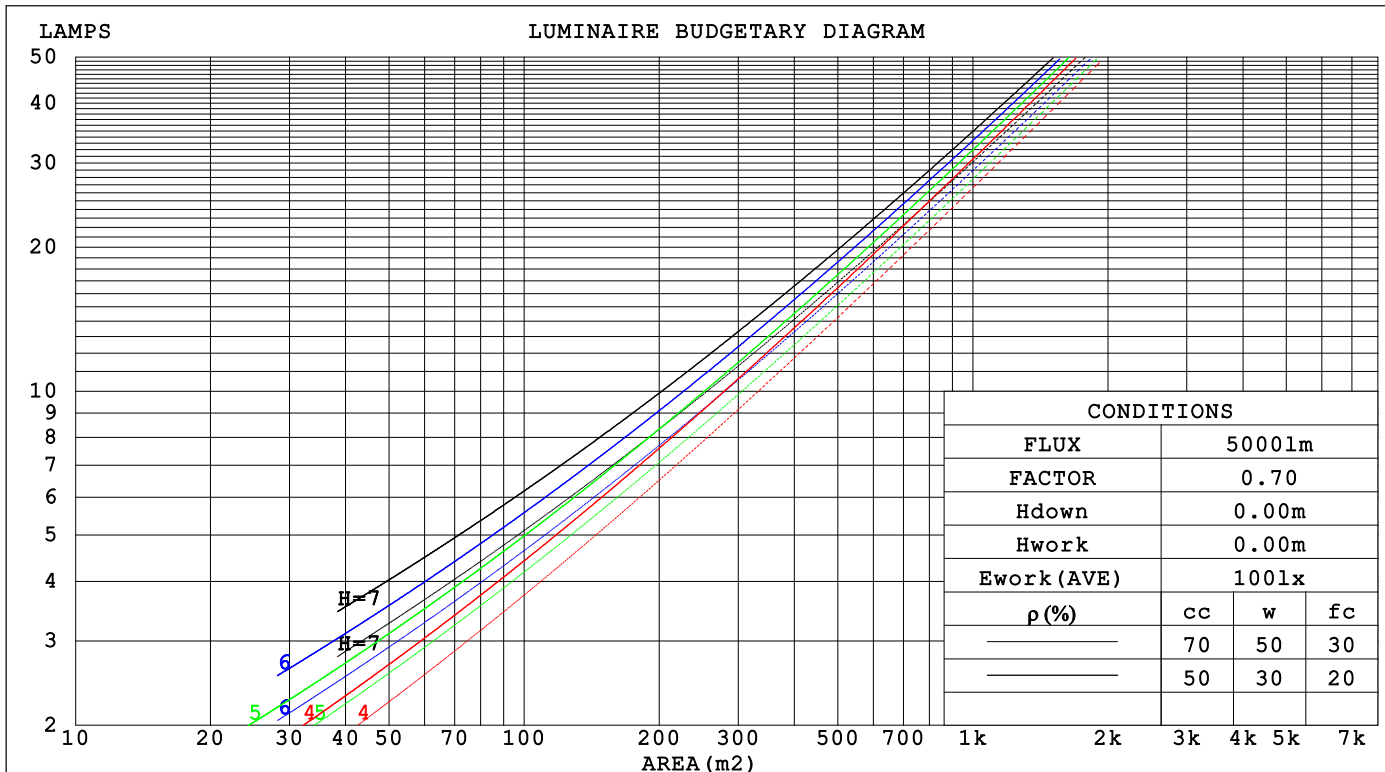
Test Distance:8.910m [K=1.0000]

Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm		
NAME: P101036	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	.63	.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	.44	.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:30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm					
NAME: P101036			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	.213	.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	.195	.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	.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	.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	.042	.116	.069	.036	.080	.049	.026	.047	.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:30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.6lx1 lm											
NAME: P101036					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	23.9	25.2	24.1	25.4	25.6	24.0	25.3	24.3	25.5	25.8	
3H	24.4	25.6	24.7	25.9	26.1	24.6	25.8	24.9	26.0	26.3	
4H	24.4	25.5	24.7	25.8	26.1	24.6	25.8	24.9	26.0	26.3	
6H	24.3	25.4	24.6	25.6	25.9	24.5	25.6	24.8	25.9	26.1	
8H	24.2	25.3	24.6	25.6	25.9	24.4	25.5	24.8	25.8	26.1	
12H	24.2	25.2	24.5	25.5	25.8	24.4	25.4	24.7	25.7	26.0	
4H 2H	24.2	25.3	24.5	25.6	25.9	24.3	25.5	24.6	25.7	26.0	
3H	24.8	25.8	25.1	26.1	26.4	25.0	26.0	25.3	26.3	26.6	
4H	24.8	25.7	25.2	26.0	26.4	25.0	25.9	25.4	26.2	26.6	
6H	24.7	25.5	25.1	25.9	26.2	24.9	25.7	25.3	26.1	26.4	
8H	24.7	25.4	25.1	25.8	26.2	24.9	25.6	25.3	26.0	26.4	
12H	24.6	25.3	25.0	25.7	26.1	24.8	25.5	25.2	25.9	26.3	
8H 4H	24.7	25.5	25.1	25.8	26.2	24.9	25.7	25.3	26.0	26.4	
6H	24.6	25.2	25.1	25.7	26.1	24.8	25.4	25.3	25.9	26.3	
8H	24.6	25.1	25.1	25.6	26.0	24.8	25.3	25.3	25.8	26.2	
12H	24.6	25.0	25.0	25.5	26.0	24.8	25.2	25.2	25.7	26.1	
12H 4H	24.7	25.4	25.1	25.7	26.2	24.9	25.5	25.3	25.9	26.4	
6H	24.6	25.1	25.1	25.6	26.0	24.8	25.3	25.3	25.8	26.2	
8H	24.6	25.0	25.0	25.5	26.0	24.8	25.2	25.2	25.7	26.1	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.6 / - 0.7					+ 0.5 / - 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, 2264 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)
Area: 0.010202 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm		
NAME: P101036	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

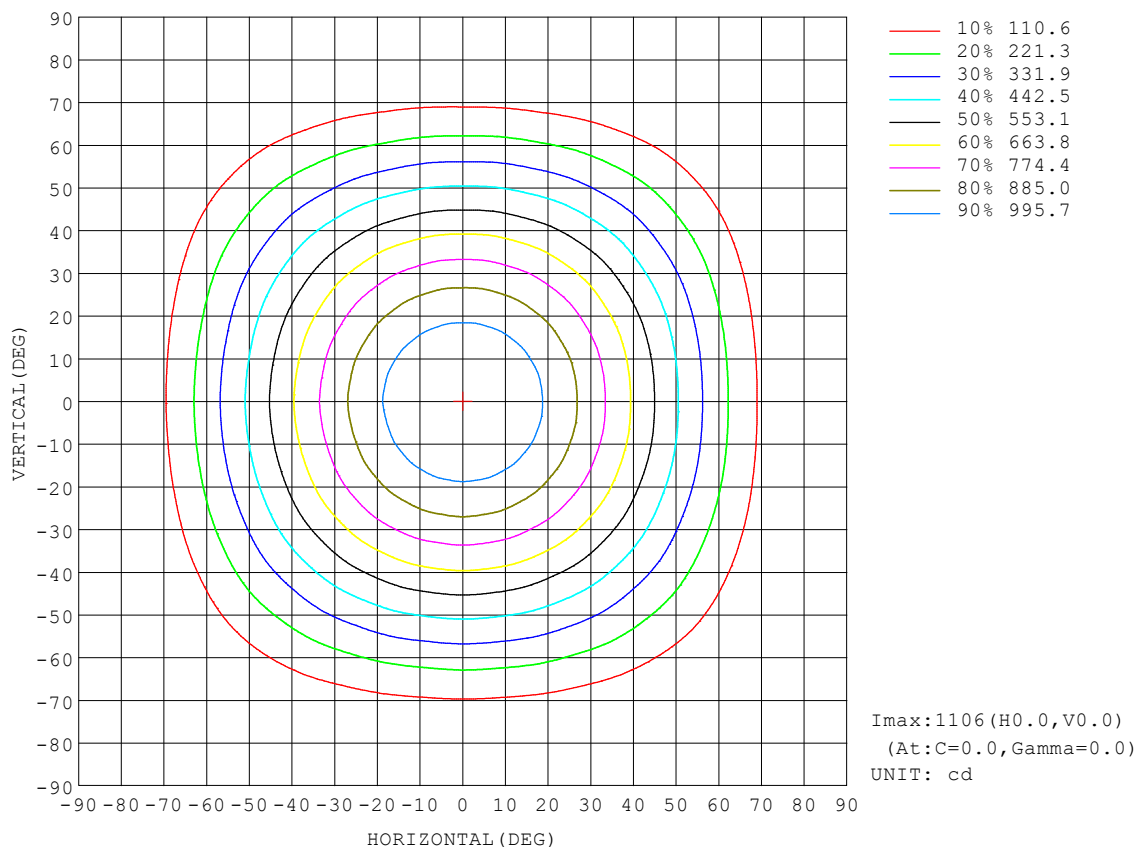
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	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	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: 30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm		
NAME: P101036	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

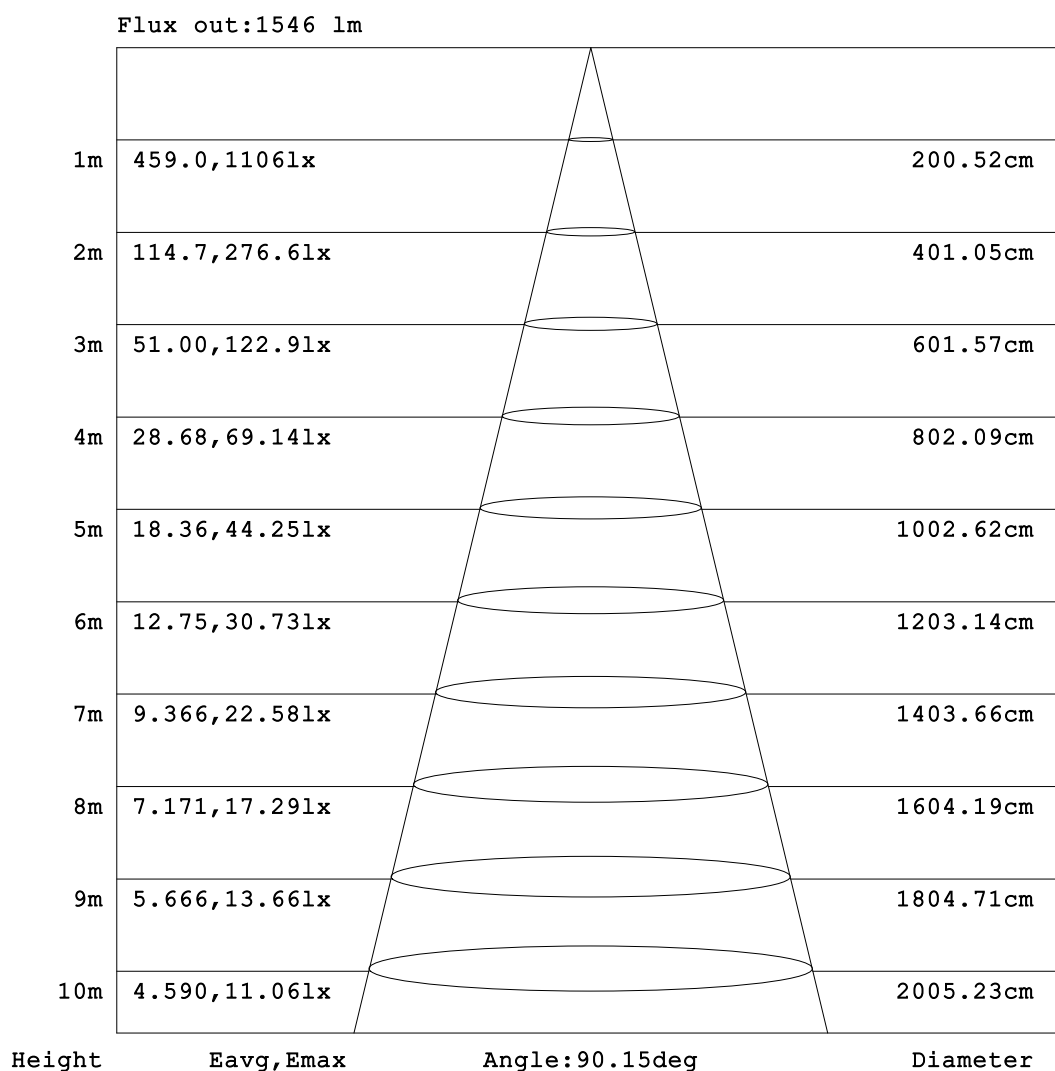


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 July 2025

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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61lx1 lm		
NAME: P101036	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: 30 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

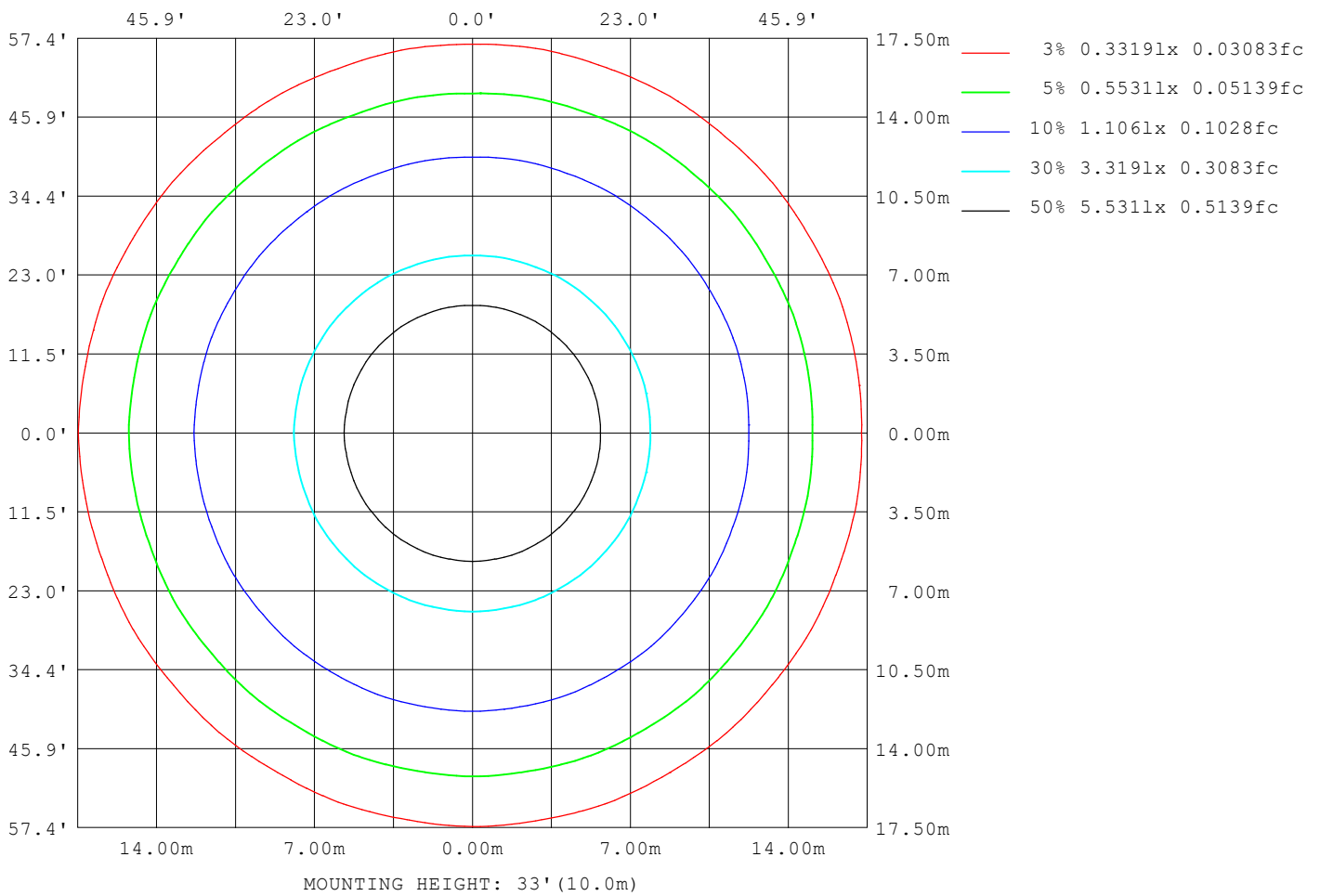
Humidity: 65.0%

Test Distance: 8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm		
NAME: P101036	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:30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm		
NAME: P101036	TYPE: 6500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

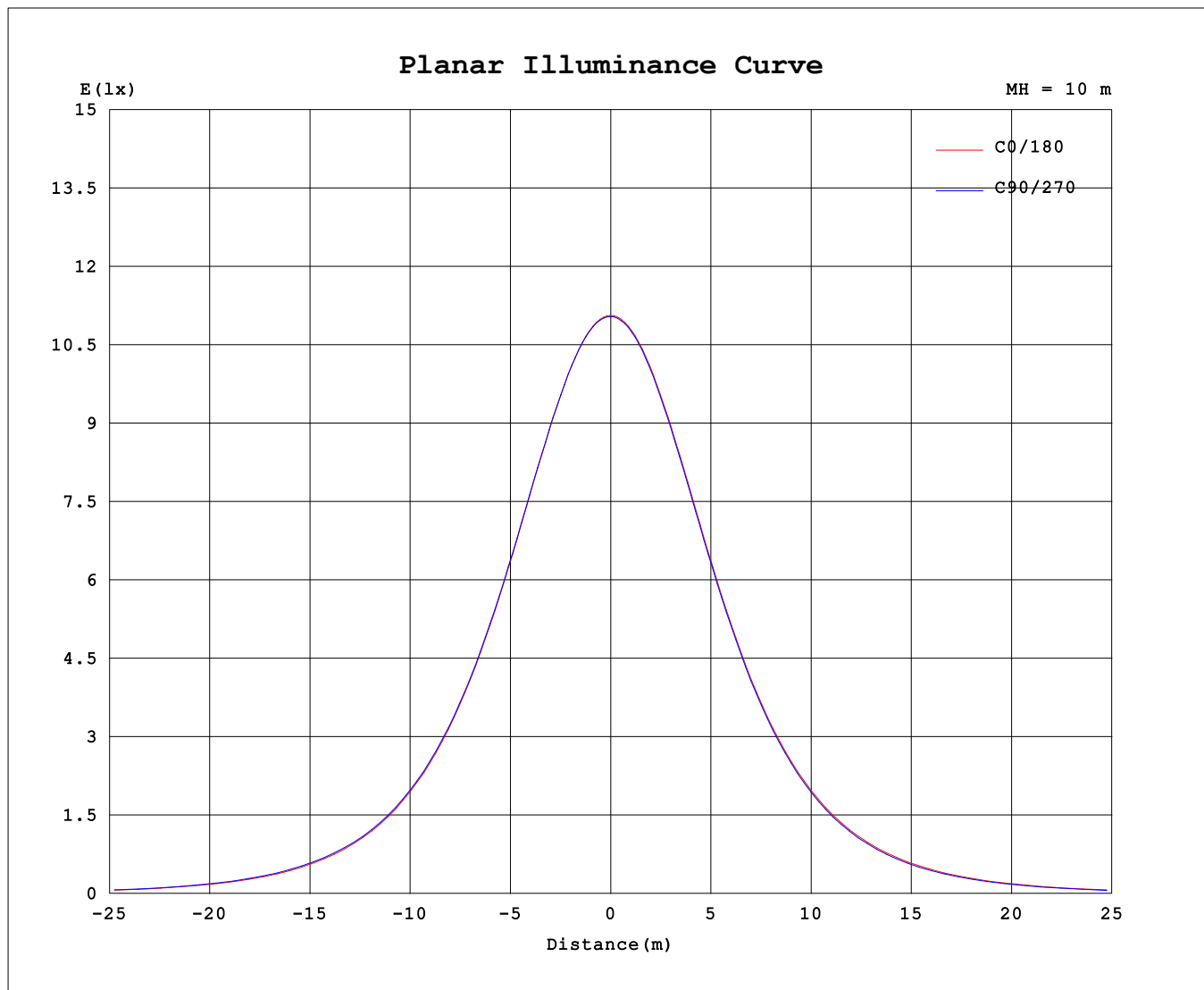
AvgL	cd/m2
L_0~180 (65) av	41746
L_0~180 (75) av	10544
L_0~180 (85) av	218
L_90~270 (65) av	41658
L_90~270 (75) av	12539
L_90~270 (85) av	218
L_45 (65) av	41431
L_45 (75) av	12421
L_45 (85) av	210

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 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: 30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm																		
NAME: P101036									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	1106	1106	1106	1105	1105	1105	1105	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1106
5	1098	1098	1098	1098	1098	1098	1097	1098	1097	1097	1097	1097	1096	1097	1096	1096	1096	1096	1099
10	1075	1075	1074	1075	1074	1075	1074	1075	1074	1074	1073	1074	1073	1073	1072	1073	1071	1072	1075
15	1035	1035	1034	1036	1035	1036	1035	1036	1034	1035	1034	1035	1033	1034	1032	1033	1031	1032	1035
20	980	982	980	982	981	982	981	983	981	982	980	982	980	981	978	979	977	978	981
25	913	914	913	915	914	916	914	916	914	916	914	915	913	914	912	913	910	911	914
30	834	836	834	837	835	838	836	838	836	838	836	838	835	837	833	835	831	832	836
35	746	748	747	749	748	750	748	751	749	751	749	751	748	749	746	747	744	745	749
40	651	654	652	655	654	657	655	657	655	658	655	658	654	656	653	654	650	652	655
45	552	555	554	557	556	559	558	560	558	561	558	560	557	558	555	557	553	555	559
50	453	456	455	458	458	462	460	463	460	463	460	462	458	460	457	459	455	457	462
55	355	358	357	361	361	365	364	367	364	366	363	365	361	363	359	362	359	362	366
60	261	264	263	268	267	272	271	274	271	273	269	271	267	270	266	269	266	269	274
65	174	177	176	180	180	184	183	186	184	186	183	184	180	182	180	182	180	182	186
70	95.7	98.8	98.7	101	101	104	103	106	105	107	105	105	103	104	101	97.9	93.8	95.7	102
75	26.7	29.8	31.2	34.2	33.7	35.5	34.9	36.8	35.8	37.9	37.1	39.0	37.6	38.3	32.6	23.5	17.4	20.0	29.0
80	0.50	0.51	0.60	0.66	0.72	0.74	0.77	0.78	0.80	0.83	0.89	0.86	0.88	0.80	0.65	0.43	0.36	0.38	0.48
85	0.24	0.22	0.25	0.24	0.25	0.22	0.25	0.23	0.25	0.21	0.24	0.22	0.23	0.20	0.21	0.19	0.20	0.20	0.15
90	0.26	0.32	0.27	0.30	0.26	0.30	0.26	0.30	0.24	0.29	0.24	0.29	0.24	0.29	0.25	0.29	0.25	0.30	0.21
95	0.46	0.51	0.46	0.51	0.46	0.50	0.46	0.49	0.45	0.49	0.44	0.49	0.44	0.49	0.45	0.50	0.45	0.51	0.37
100	0.75	0.79	0.74	0.78	0.73	0.76	0.73	0.76	0.72	0.76	0.71	0.76	0.72	0.76	0.72	0.77	0.73	0.79	0.60
105	1.09	1.13	1.09	1.12	1.08	1.11	1.06	1.10	1.06	1.10	1.06	1.10	1.07	1.11	1.07	1.12	1.08	1.13	0.89
110	1.52	1.54	1.50	1.53	1.49	1.52	1.48	1.51	1.47	1.51	1.46	1.51	1.47	1.51	1.48	1.52	1.50	1.54	1.26
115	1.98	2.00	1.96	1.98	1.95	1.97	1.92	1.95	1.92	1.95	1.92	1.95	1.93	1.97	1.94	1.97	1.96	2.00	1.68
120	2.48	2.50	2.46	2.47	2.43	2.46	2.42	2.45	2.42	2.45	2.42	2.46	2.44	2.47	2.45	2.48	2.47	2.51	2.13
125	3.01	3.02	2.97	2.99	2.96	2.98	2.95	2.97	2.95	2.98	2.95	2.98	2.96	2.99	2.98	3.01	3.00	3.04	2.63
130	3.55	3.56	3.52	3.53	3.49	3.51	3.49	3.50	3.47	3.50	3.48	3.51	3.49	3.54	3.51	3.55	3.55	3.59	3.15
135	4.10	4.10	4.06	4.08	4.03	4.05	4.03	4.05	4.03	4.06	4.04	4.07	4.04	4.07	4.06	4.11	4.08	4.13	3.68
140	4.64	4.64	4.60	4.62	4.57	4.59	4.55	4.57	4.56	4.60	4.57	4.60	4.58	4.62	4.62	4.65	4.63	4.67	4.22
145	5.15	5.17	5.10	5.12	5.09	5.12	5.06	5.08	5.06	5.11	5.09	5.12	5.11	5.16	5.14	5.17	5.14	5.20	4.74
150	5.62	5.64	5.57	5.60	5.56	5.60	5.55	5.59	5.56	5.62	5.60	5.63	5.61	5.66	5.61	5.66	5.62	5.68	5.25
155	6.05	6.08	6.00	6.03	5.98	6.03	6.00	6.05	6.04	6.09	6.05	6.09	6.03	6.09	6.04	6.09	6.07	6.13	5.73
160	6.41	6.44	6.38	6.42	6.36	6.42	6.38	6.46	6.40	6.46	6.43	6.47	6.43	6.47	6.42	6.48	6.46	6.52	6.16
165	6.72	6.76	6.69	6.75	6.70	6.75	6.71	6.77	6.72	6.79	6.74	6.79	6.74	6.79	6.76	6.83	6.79	6.84	6.55
170	6.97	7.04	6.96	7.01	6.96	7.03	6.97	7.03	6.96	7.01	6.95	7.01	6.98	7.05	7.02	7.09	7.03	7.09	6.87
175	7.14	7.20	7.15	7.20	7.16	7.23	7.16	7.20	7.11	7.17	7.12	7.18	7.15	7.21	7.18	7.22	7.18	7.19	7.13
180	7.20	7.21	7.20	7.23	7.24	7.24	7.22	7.22	7.19	7.19	7.19	7.19	7.20	7.21	7.22	7.22	7.19	7.19	7.21

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 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:230.21V I:0.1919A P:23.621W PF:0.5346 Freq:60.00Hz Lamp Flux:2263.61x1 lm																	
NAME: P101036									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	1106	1106	1105	1105	1105	1105	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104		
5	1098	1098	1097	1097	1096	1097	1096	1096	1096	1096	1096	1097	1096	1097	1097	1097	1097		
10	1073	1073	1072	1073	1072	1072	1071	1072	1071	1072	1072	1073	1072	1073	1073	1074	1073		
15	1033	1034	1032	1033	1031	1032	1031	1032	1031	1032	1031	1033	1032	1034	1033	1035	1034		
20	979	980	978	979	977	978	976	978	976	978	977	979	978	980	979	981	980		
25	911	912	910	911	909	911	909	910	908	911	909	912	911	913	912	915	913		
30	833	834	831	833	830	832	830	832	830	832	831	833	832	835	833	836	835		
35	745	746	744	745	743	744	742	744	742	745	743	746	744	747	746	749	747		
40	652	653	650	652	648	650	647	650	647	650	648	652	650	654	652	655	653		
45	555	556	553	554	550	552	549	551	549	552	550	554	552	556	554	557	555		
50	458	459	455	455	451	453	450	452	450	453	451	455	453	457	454	458	455		
55	362	363	358	359	354	356	352	355	352	356	354	358	356	360	357	360	357		
60	270	271	266	266	261	262	259	261	259	263	260	264	262	265	263	266	264		
65	183	183	179	179	175	175	173	175	173	175	173	175	174	176	175	178	176		
70	103	103	100	101	97.8	98.5	96.3	96.9	94.4	95.4	93.2	94.8	93.2	95.5	94.8	97.8	97.3		
75	32.2	33.9	32.9	33.9	32.2	32.8	30.6	30.7	28.3	28.6	26.7	27.8	26.6	28.2	27.8	29.2	28.3		
80	0.56	0.59	0.61	0.59	0.58	0.56	0.53	0.51	0.49	0.46	0.46	0.45	0.47	0.46	0.48	0.46	0.48		
85	0.17	0.16	0.18	0.15	0.17	0.16	0.17	0.16	0.17	0.16	0.17	0.15	0.16	0.15	0.16	0.15	0.17		
90	0.16	0.20	0.17	0.22	0.16	0.21	0.17	0.21	0.17	0.21	0.17	0.22	0.17	0.21	0.16	0.21	0.16		
95	0.32	0.38	0.34	0.37	0.34	0.38	0.34	0.39	0.34	0.38	0.33	0.38	0.33	0.37	0.33	0.37	0.32		
100	0.56	0.60	0.56	0.61	0.58	0.62	0.58	0.62	0.57	0.62	0.57	0.61	0.56	0.60	0.56	0.60	0.55		
105	0.86	0.90	0.86	0.90	0.87	0.91	0.88	0.92	0.88	0.91	0.88	0.90	0.86	0.89	0.85	0.89	0.85		
110	1.22	1.26	1.22	1.27	1.24	1.27	1.24	1.29	1.24	1.27	1.23	1.26	1.22	1.25	1.22	1.26	1.22		
115	1.64	1.69	1.65	1.68	1.65	1.69	1.67	1.72	1.68	1.69	1.64	1.68	1.63	1.67	1.64	1.67	1.64		
120	2.10	2.14	2.10	2.13	2.11	2.14	2.13	2.20	2.12	2.12	2.10	2.13	2.09	2.12	2.08	2.12	2.09		
125	2.60	2.62	2.59	2.63	2.59	2.62	2.61	2.66	2.60	2.61	2.58	2.62	2.58	2.60	2.57	2.60	2.58		
130	3.10	3.12	3.09	3.13	3.10	3.12	3.10	3.14	3.09	3.12	3.08	3.12	3.08	3.09	3.06	3.10	3.08		
135	3.63	3.66	3.63	3.65	3.61	3.65	3.62	3.67	3.62	3.63	3.60	3.63	3.60	3.62	3.60	3.62	3.59		
140	4.17	4.19	4.17	4.20	4.15	4.17	4.13	4.20	4.15	4.16	4.11	4.15	4.13	4.17	4.13	4.15	4.14		
145	4.69	4.71	4.68	4.73	4.69	4.70	4.65	4.71	4.65	4.67	4.63	4.70	4.66	4.69	4.64	4.67	4.65		
150	5.20	5.21	5.18	5.23	5.21	5.22	5.18	5.22	5.17	5.18	5.15	5.20	5.16	5.18	5.14	5.17	5.16		
155	5.69	5.71	5.65	5.69	5.66	5.71	5.67	5.72	5.67	5.70	5.65	5.68	5.62	5.66	5.60	5.65	5.63		
160	6.11	6.16	6.09	6.13	6.09	6.14	6.09	6.15	6.09	6.13	6.08	6.11	6.05	6.08	6.02	6.08	6.06		
165	6.51	6.56	6.51	6.52	6.47	6.53	6.47	6.54	6.47	6.51	6.45	6.50	6.43	6.47	6.42	6.47	6.45		
170	6.84	6.89	6.82	6.87	6.79	6.82	6.75	6.81	6.76	6.82	6.76	6.82	6.76	6.79	6.73	6.78	6.74		
175	7.07	7.14	7.10	7.14	7.06	7.09	7.02	7.07	7.00	7.06	7.02	7.08	7.02	7.06	7.00	7.05	6.98		
180	7.20	7.21	7.23	7.24	7.24	7.24	7.19	7.19	7.19	7.22	7.19	7.21	7.21	7.21	7.18	7.18	7.16		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:30 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: