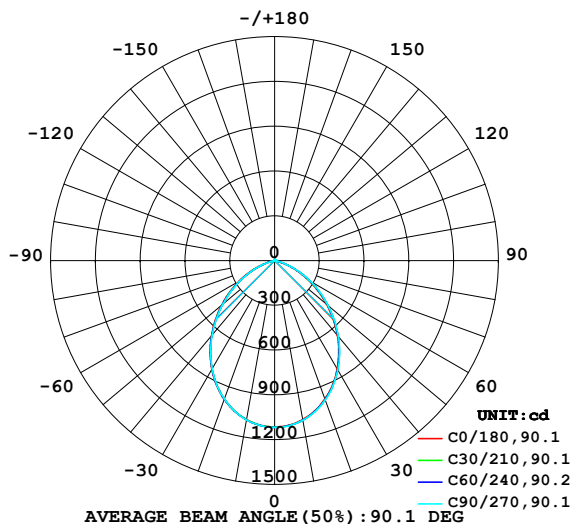


LUMINAIRE PHOTOMETRIC TEST REPORT

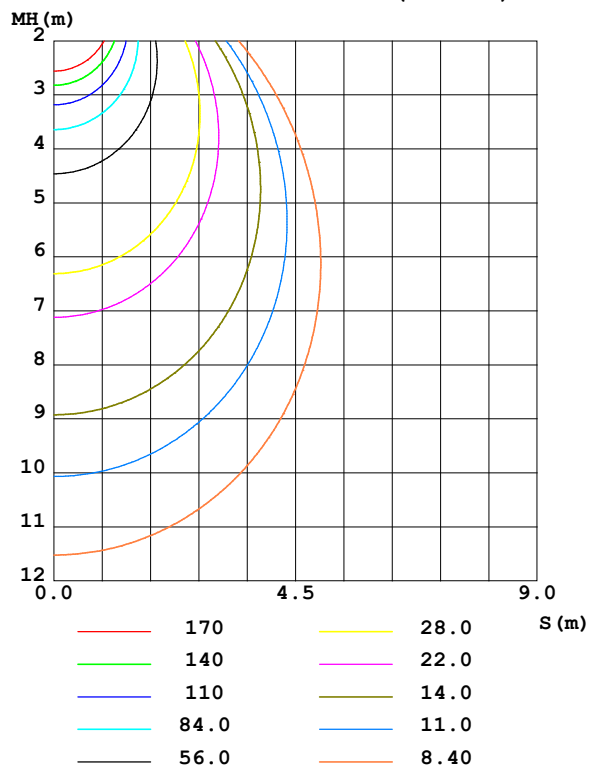
Test:U:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 102.29 lm/W
MODEL	XY-1002	I _{max} (cd)	1118	S/MH(C0/180)	1.14	
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.13	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2284.9	η UP,DN(C0-180)	0.4,49.9	
NOMINAL FLUX(lm)	2284.94	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	1083	1086	1087	1086	1083	1084	1084	1085	0- 10	105.1	105.1	4.6,4.6
20	987.4	991.8	993.5	991.4	988.7	987.8	987.4	990.2	10- 20	294.0	399.1	17.5,17.5
30	839.3	844.7	847.3	844.6	841.3	839.4	838.4	842.2	20- 30	423.7	822.8	36,36
40	655.1	661.8	665.3	661.8	659.1	655.4	653.0	658.1	30- 40	470.6	1293	56.6,56.6
50	455.3	464.1	467.8	463.4	463.5	456.2	452.7	458.6	40- 50	431.4	1725	75.5,75.5
60	262.4	272.7	276.7	270.9	274.2	263.7	259.9	264.6	50- 60	324.0	2049	89.7,89.7
70	96.60	103.7	108.1	103.6	102.5	98.65	93.98	94.41	60- 70	179.1	2228	97.5,97.5
80	0.5075	0.7471	0.8441	0.7370	0.4876	0.5804	0.4936	0.4620	70- 80	39.46	2267	99.2,99.2
90	0.2687	0.2864	0.2929	0.2724	0.2140	0.1913	0.1686	0.1909	80- 90	0.2713	2268	99.2,99.2
100	0.7518	0.7580	0.7539	0.7546	0.6020	0.6007	0.5824	0.5921	90-100	0.4702	2268	99.3,99.3
110	1.530	1.521	1.511	1.517	1.264	1.263	1.261	1.256	100-110	1.067	2269	99.3,99.3
120	2.508	2.474	2.479	2.489	2.156	2.145	2.156	2.136	110-120	1.820	2271	99.4,99.4
130	3.593	3.540	3.549	3.562	3.173	3.147	3.137	3.135	120-130	2.528	2274	99.5,99.5
140	4.675	4.639	4.657	4.671	4.257	4.223	4.211	4.200	130-140	3.002	2277	99.6,99.6
150	5.663	5.643	5.690	5.704	5.295	5.284	5.237	5.250	140-150	3.100	2280	99.8,99.8
160	6.472	6.467	6.547	6.530	6.211	6.179	6.175	6.145	150-160	2.729	2282	99.9,99.9
170	7.046	7.082	7.103	7.128	6.946	6.917	6.849	6.867	160-170	1.887	2284	100,100
180	7.271	7.330	7.288	7.316	7.265	7.330	7.276	7.310	170-180	0.6810	2285	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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz

Lamp Flux:2284.94x1 lm

NAME: P101036

TYPE: 4000K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

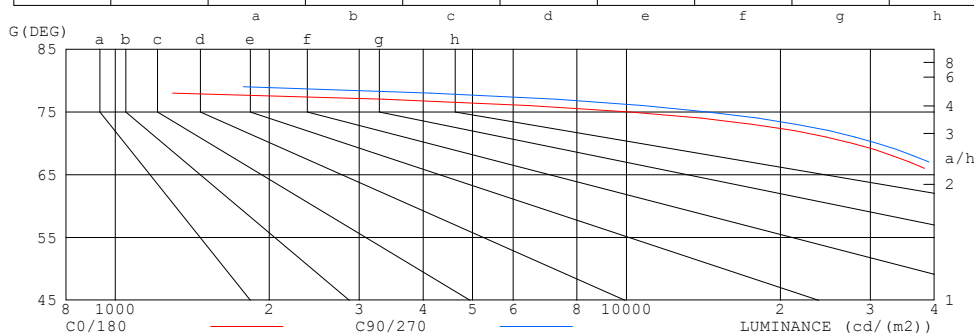
MFR.:

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



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%

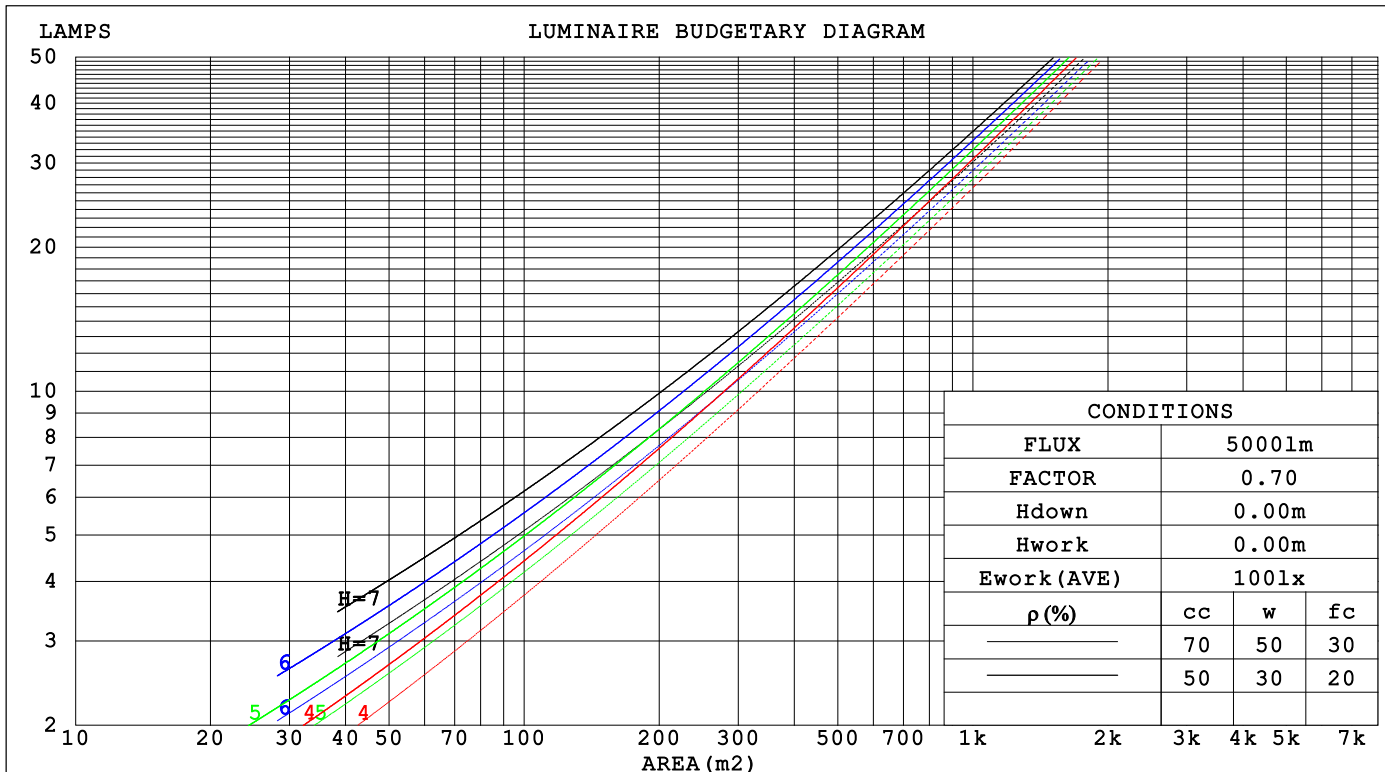
Test Distance:8.910m [K=1.0000]

Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	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	.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	.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	.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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	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	.163	.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	.050	.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	.029	.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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm										
NAME: P101036					TYPE: 4000K			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	25.4	24.3	25.6	25.8
3H	24.4	25.6	24.7	25.8	26.1	24.6	25.8	24.9	26.1	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	26.2
8H	24.2	25.3	24.6	25.6	25.9	24.5	25.5	24.8	25.8	26.1
12H	24.2	25.2	24.5	25.5	25.8	24.4	25.4	24.8	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	26.5
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	25.3	25.9	26.3
8H 4H	24.7	25.5	25.1	25.8	26.2	24.9	25.7	25.4	26.0	26.4
6H	24.6	25.2	25.1	25.7	26.1	24.9	25.5	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	25.3	25.7	26.2
12H 4H	24.7	25.4	25.1	25.7	26.2	24.9	25.6	25.3	26.0	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	25.3	25.7	26.2
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 / - 1.0					+ 0.9 / - 1.1				

CIE Pub.117, 2285 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)
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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

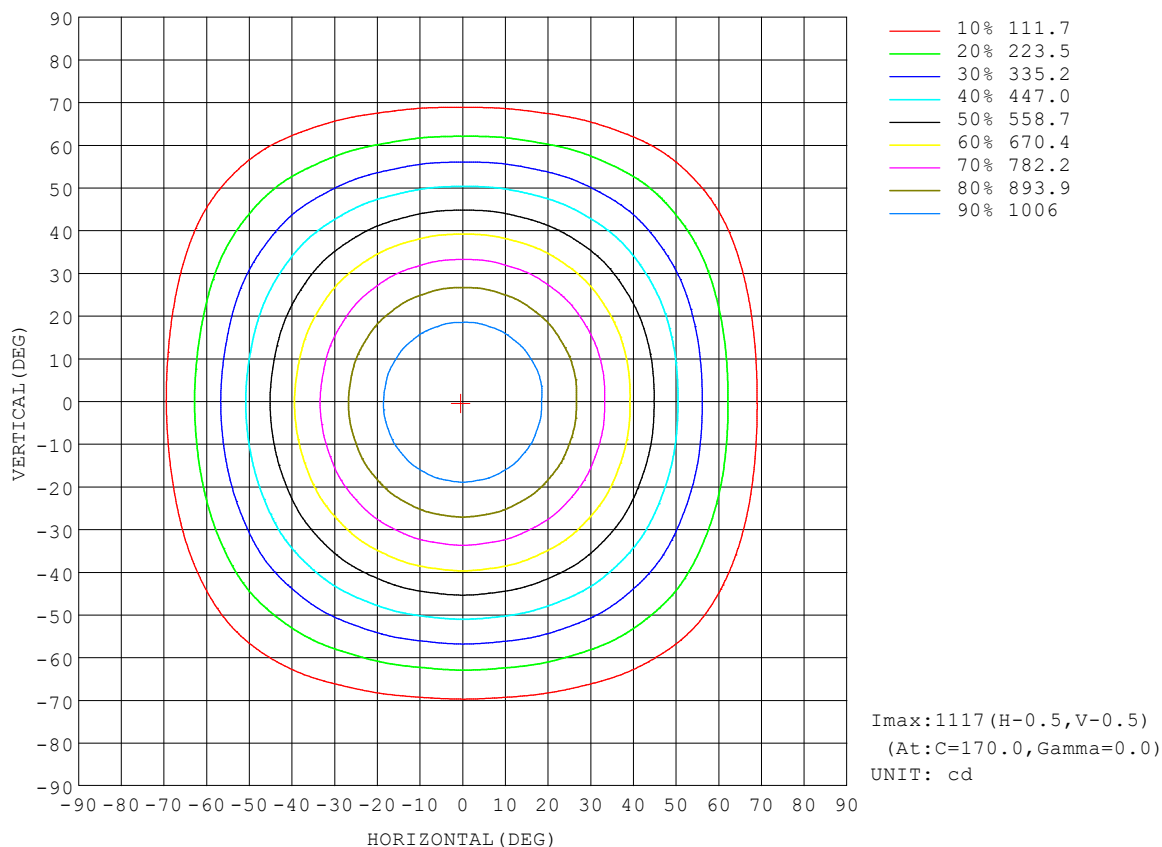
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	72	63	57	51
1.00	83	73	67	82	73	67	79	73	66	60
1.25	89	81	75	88	80	74	86	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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

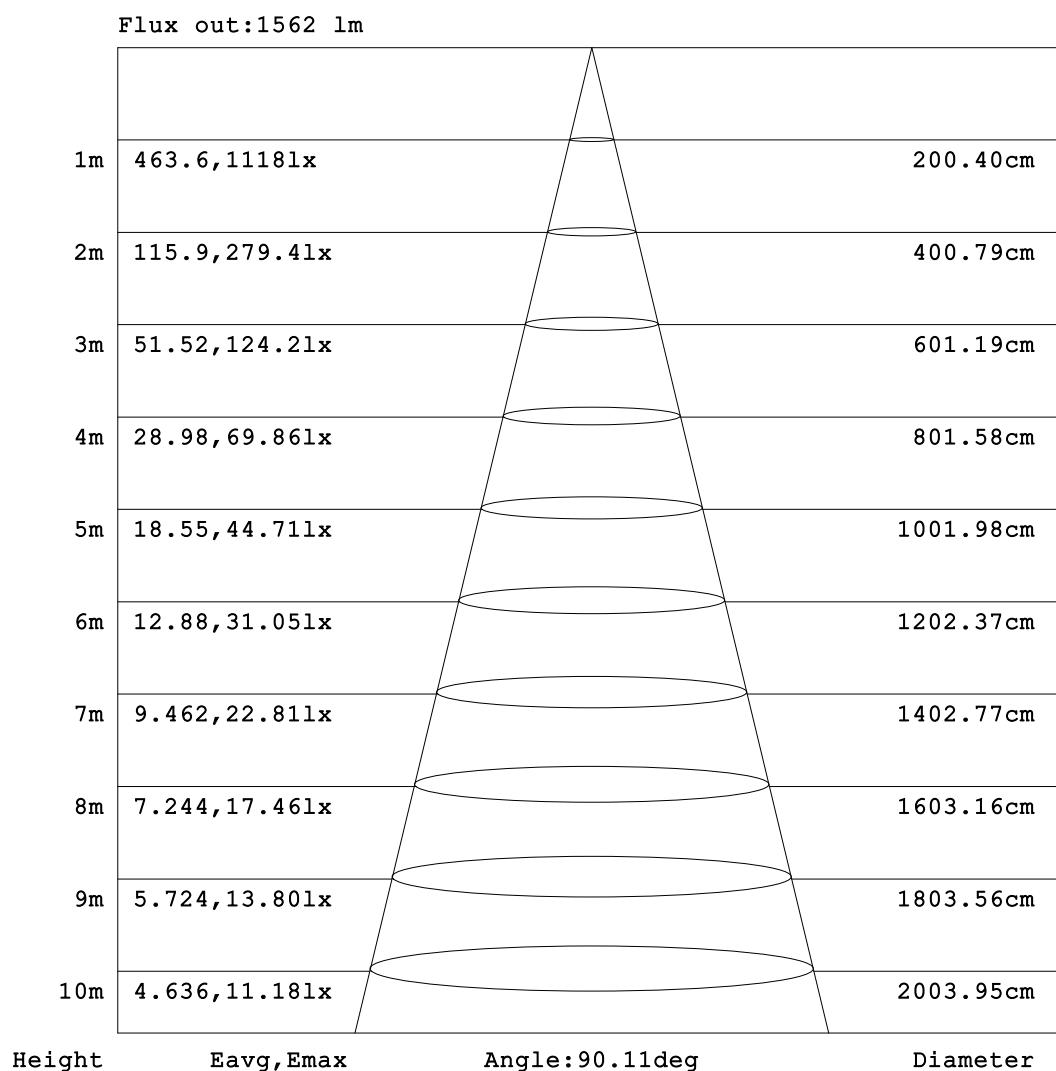


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 July 2025

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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

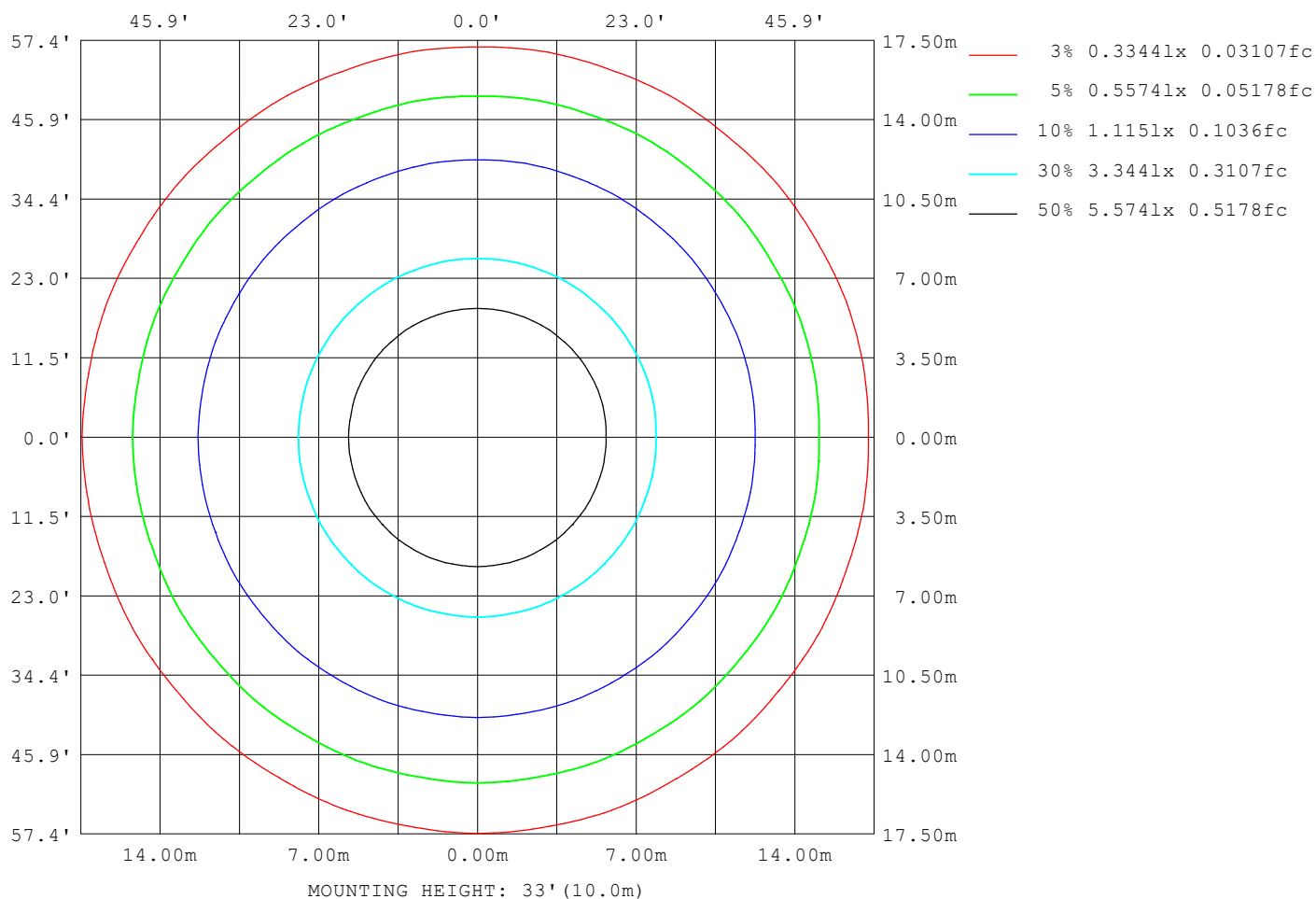


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:CAM
 Test Date:30 July 2025

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:

ISOLUX DIAGRAM

Test:U:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm		
NAME: P101036	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	41893
L_0~180 (75) av	10538
L_0~180 (85) av	218
L_90~270 (65) av	41949
L_90~270 (75) av	12525
L_90~270 (85) av	227
L_45 (65) av	41703
L_45 (75) av	12472
L_45 (85) av	211

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

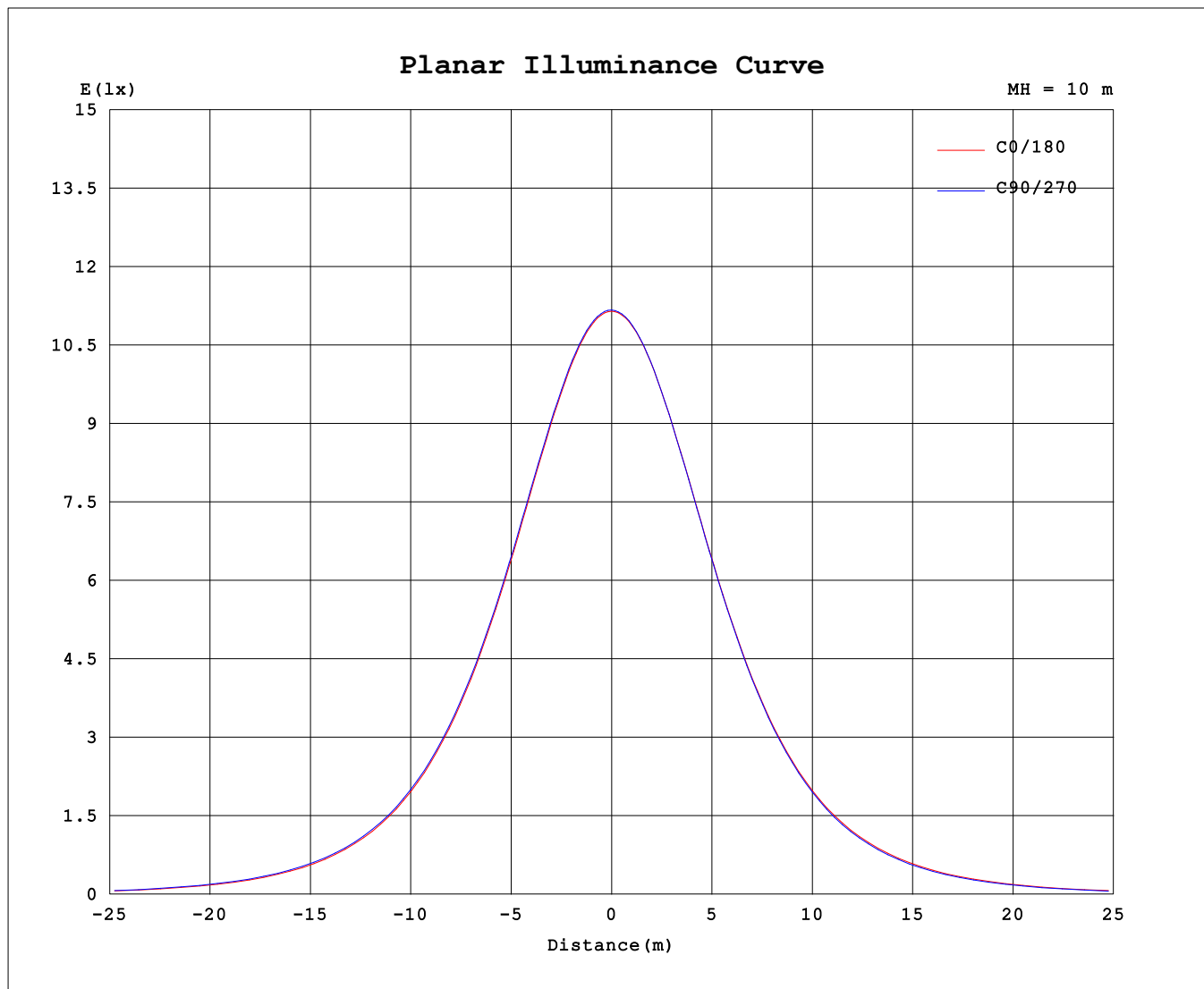
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm																		
NAME: P101036									TYPE: 4000K					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	1115	1115	1116	1116	1117	1117	1117	1117	1117	1117	1117	1117	1117	1118	1118	1118	1118	1118	1115
5	1107	1108	1108	1109	1109	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1109	1109	1107
10	1083	1084	1084	1086	1085	1087	1086	1087	1086	1087	1086	1087	1086	1086	1085	1086	1084	1085	1083
15	1042	1044	1044	1046	1045	1047	1046	1048	1046	1047	1046	1047	1046	1047	1045	1046	1044	1045	1043
20	987	990	989	991	991	993	992	994	992	993	992	993	991	993	990	991	989	990	989
25	919	922	921	924	923	925	924	926	925	926	925	926	924	925	922	923	921	921	921
30	839	842	841	844	843	846	845	847	845	847	845	847	845	846	843	844	841	842	841
35	750	754	753	756	755	758	757	759	757	760	757	759	757	758	755	756	752	753	753
40	655	659	657	661	660	664	662	665	663	665	663	665	662	664	660	661	657	659	659
45	556	559	558	562	561	565	564	567	565	567	564	566	563	565	561	563	559	560	561
50	455	459	458	463	462	466	465	468	466	468	465	467	464	465	462	463	460	462	464
55	357	361	360	365	364	369	368	371	369	371	367	369	365	367	364	366	363	365	367
60	262	266	266	270	270	275	274	278	275	277	273	274	271	272	269	272	269	272	274
65	175	179	178	182	182	186	185	189	187	189	185	186	183	184	182	184	181	184	186
70	96.6	100	100	103	102	105	105	107	106	108	106	107	104	105	102	98.7	94.6	96.2	102
75	26.8	29.9	31.3	34.6	34.0	35.9	35.3	37.2	36.4	38.1	37.4	39.1	37.9	38.6	33.2	23.9	17.5	20.3	28.8
80	0.51	0.52	0.62	0.67	0.74	0.75	0.77	0.80	0.83	0.84	0.89	0.88	0.90	0.80	0.67	0.44	0.37	0.38	0.49
85	0.24	0.22	0.25	0.23	0.25	0.22	0.25	0.24	0.25	0.22	0.25	0.21	0.23	0.19	0.21	0.20	0.20	0.20	0.15
90	0.27	0.32	0.27	0.30	0.27	0.30	0.25	0.30	0.24	0.29	0.24	0.29	0.24	0.29	0.25	0.30	0.25	0.31	0.21
95	0.46	0.51	0.46	0.51	0.46	0.51	0.46	0.50	0.45	0.49	0.45	0.49	0.45	0.49	0.46	0.51	0.47	0.51	0.37
100	0.75	0.79	0.75	0.78	0.74	0.78	0.73	0.77	0.73	0.75	0.72	0.76	0.72	0.78	0.73	0.78	0.74	0.79	0.60
105	1.10	1.15	1.09	1.13	1.10	1.12	1.08	1.11	1.07	1.10	1.06	1.11	1.07	1.12	1.08	1.12	1.09	1.14	0.90
110	1.53	1.56	1.51	1.54	1.51	1.53	1.49	1.52	1.49	1.51	1.49	1.52	1.49	1.53	1.50	1.54	1.52	1.56	1.26
115	1.99	2.01	1.98	1.99	1.96	1.99	1.95	1.98	1.94	1.97	1.94	1.97	1.95	1.99	1.97	2.00	1.98	2.02	1.70
120	2.51	2.52	2.47	2.50	2.46	2.49	2.45	2.47	2.45	2.48	2.44	2.48	2.46	2.50	2.48	2.52	2.50	2.54	2.16
125	3.04	3.05	3.01	3.03	2.99	3.01	2.97	3.00	2.97	3.01	2.98	3.01	2.98	3.02	3.01	3.05	3.04	3.08	2.66
130	3.59	3.59	3.55	3.57	3.53	3.55	3.51	3.53	3.51	3.55	3.52	3.56	3.54	3.58	3.55	3.59	3.58	3.62	3.17
135	4.13	4.13	4.10	4.12	4.07	4.10	4.06	4.10	4.07	4.11	4.08	4.11	4.09	4.12	4.11	4.16	4.14	4.19	3.71
140	4.68	4.69	4.64	4.67	4.63	4.65	4.61	4.63	4.61	4.66	4.63	4.66	4.63	4.67	4.67	4.71	4.69	4.75	4.26
145	5.19	5.22	5.16	5.17	5.15	5.18	5.12	5.14	5.12	5.17	5.14	5.18	5.16	5.22	5.20	5.22	5.20	5.27	4.79
150	5.66	5.69	5.63	5.66	5.62	5.67	5.62	5.66	5.63	5.69	5.66	5.71	5.68	5.73	5.68	5.72	5.69	5.76	5.29
155	6.10	6.12	6.06	6.10	6.05	6.10	6.06	6.12	6.11	6.17	6.13	6.17	6.11	6.16	6.11	6.16	6.15	6.21	5.78
160	6.47	6.51	6.46	6.49	6.44	6.49	6.46	6.52	6.49	6.55	6.51	6.55	6.50	6.55	6.51	6.57	6.55	6.60	6.21
165	6.78	6.83	6.78	6.83	6.78	6.83	6.80	6.85	6.82	6.87	6.82	6.88	6.82	6.90	6.85	6.93	6.88	6.94	6.62
170	7.05	7.10	7.04	7.09	7.05	7.12	7.07	7.12	7.06	7.10	7.05	7.11	7.07	7.15	7.11	7.19	7.12	7.18	6.95
175	7.20	7.27	7.21	7.28	7.24	7.31	7.25	7.29	7.22	7.27	7.21	7.28	7.24	7.31	7.28	7.32	7.27	7.29	7.19
180	7.27	7.28	7.28	7.31	7.33	7.33	7.31	7.31	7.28	7.29	7.28	7.28	7.30	7.31	7.32	7.32	7.29	7.29	7.27

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:230.18V I:0.1840A P:22.338W PF:0.5275 Freq:60.00Hz Lamp Flux:2284.94x1 lm																	
NAME: P101036									TYPE: 4000K						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	1115	1116	1116	1117	1117	1117	1117	1117	1117	1117	1117	1117	1118	1118	1118	1118	1118		
5	1107	1108	1108	1109	1108	1109	1109	1109	1109	1109	1109	1110	1109	1110	1110	1110	1110		
10	1083	1084	1083	1084	1083	1084	1083	1084	1084	1085	1084	1085	1085	1086	1086	1087	1086		
15	1042	1043	1042	1043	1042	1044	1042	1044	1043	1044	1043	1045	1044	1046	1045	1047	1046		
20	987	989	987	989	987	988	987	989	987	989	988	990	989	991	990	992	992		
25	919	921	919	920	918	920	918	920	919	921	920	922	921	923	922	925	923		
30	839	841	839	840	838	840	838	840	838	841	839	842	841	844	842	845	844		
35	751	753	750	752	750	751	749	751	749	752	750	753	752	755	754	757	755		
40	656	658	655	657	654	656	653	655	653	656	655	658	656	660	658	661	660		
45	559	560	557	558	555	556	553	555	553	556	555	558	557	560	559	562	560		
50	460	461	457	458	454	456	453	455	453	456	455	458	457	460	459	462	460		
55	364	365	360	361	356	357	354	356	354	358	356	360	358	362	360	363	361		
60	271	271	266	266	261	263	259	262	260	263	261	265	263	266	264	268	266		
65	183	184	179	179	175	175	173	174	173	175	173	175	174	177	175	179	177		
70	103	103	100	100	97.2	97.6	95.3	96.2	94.0	95.0	93.3	94.6	93.3	95.6	95.1	98.5	98.4		
75	32.1	33.8	32.6	33.5	32.1	32.5	30.3	30.3	28.0	28.3	26.6	27.5	26.6	28.3	27.9	29.6	28.5		
80	0.58	0.58	0.59	0.59	0.58	0.55	0.53	0.50	0.49	0.46	0.47	0.45	0.47	0.46	0.50	0.47	0.49		
85	0.16	0.16	0.17	0.15	0.16	0.16	0.18	0.16	0.18	0.16	0.17	0.15	0.17	0.15	0.17	0.16	0.17		
90	0.16	0.21	0.17	0.21	0.17	0.21	0.17	0.21	0.17	0.22	0.17	0.23	0.17	0.21	0.16	0.22	0.17		
95	0.34	0.38	0.34	0.38	0.34	0.39	0.34	0.38	0.34	0.39	0.35	0.37	0.33	0.38	0.32	0.37	0.32		
100	0.57	0.62	0.57	0.62	0.58	0.63	0.58	0.64	0.58	0.63	0.58	0.62	0.57	0.61	0.57	0.60	0.57		
105	0.87	0.91	0.88	0.92	0.88	0.93	0.88	0.94	0.88	0.93	0.88	0.91	0.87	0.91	0.87	0.91	0.87		
110	1.23	1.28	1.24	1.28	1.24	1.29	1.27	1.30	1.26	1.29	1.25	1.27	1.24	1.27	1.23	1.28	1.23		
115	1.66	1.70	1.67	1.70	1.67	1.71	1.71	1.75	1.70	1.70	1.67	1.70	1.66	1.70	1.66	1.69	1.66		
120	2.12	2.16	2.13	2.16	2.13	2.16	2.15	2.23	2.16	2.16	2.13	2.15	2.12	2.15	2.11	2.15	2.11		
125	2.62	2.65	2.62	2.65	2.62	2.65	2.65	2.70	2.64	2.66	2.61	2.65	2.61	2.63	2.60	2.64	2.61		
130	3.13	3.16	3.13	3.16	3.13	3.15	3.15	3.17	3.14	3.16	3.12	3.16	3.12	3.15	3.11	3.15	3.12		
135	3.67	3.70	3.67	3.69	3.66	3.69	3.66	3.71	3.67	3.68	3.64	3.68	3.64	3.67	3.64	3.66	3.64		
140	4.21	4.24	4.23	4.25	4.20	4.22	4.19	4.25	4.21	4.21	4.17	4.20	4.18	4.22	4.19	4.21	4.20		
145	4.74	4.76	4.73	4.78	4.75	4.75	4.70	4.76	4.70	4.72	4.69	4.75	4.73	4.76	4.70	4.73	4.72		
150	5.25	5.27	5.24	5.30	5.27	5.28	5.25	5.30	5.24	5.26	5.21	5.27	5.24	5.26	5.21	5.25	5.24		
155	5.74	5.77	5.71	5.76	5.72	5.77	5.75	5.80	5.74	5.78	5.72	5.75	5.71	5.73	5.68	5.73	5.71		
160	6.18	6.23	6.16	6.20	6.16	6.21	6.18	6.23	6.18	6.21	6.17	6.19	6.12	6.17	6.11	6.17	6.14		
165	6.57	6.63	6.57	6.61	6.55	6.61	6.56	6.62	6.56	6.59	6.54	6.59	6.52	6.56	6.51	6.56	6.53		
170	6.91	6.96	6.91	6.95	6.88	6.91	6.84	6.90	6.85	6.90	6.85	6.91	6.85	6.88	6.83	6.87	6.83		
175	7.15	7.23	7.18	7.23	7.15	7.18	7.11	7.16	7.09	7.15	7.10	7.17	7.11	7.15	7.09	7.14	7.09		
180	7.28	7.28	7.30	7.33	7.33	7.33	7.28	7.28	7.28	7.29	7.28	7.30	7.31	7.31	7.28	7.28	7.25		

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: