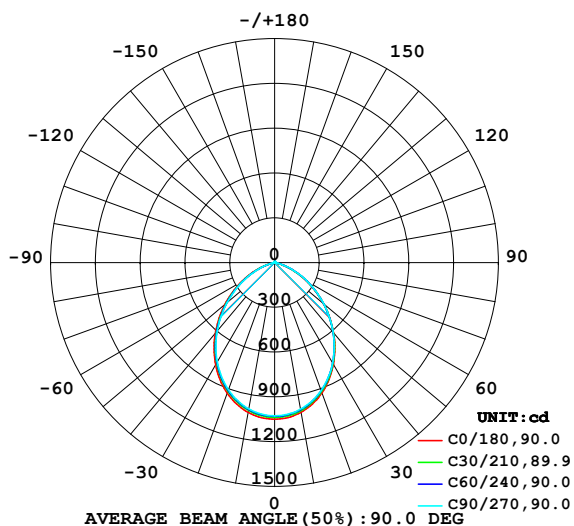


LUMINAIRE PHOTOMETRIC TEST REPORT

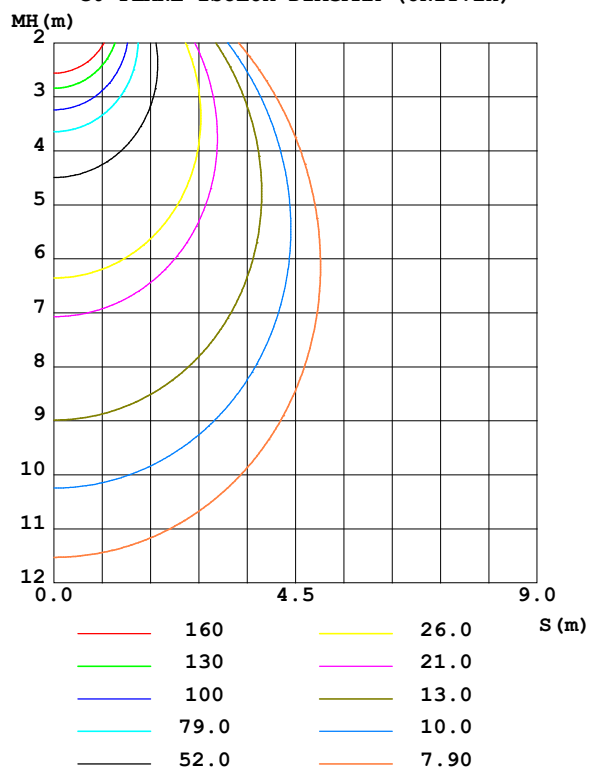
Test:U:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 88.59 lm/W
MODEL	XY-1002	I _{max} (cd)	1050	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)	2103.5	η UP,DN(C0-180)	0.4,49.9	
NOMINAL FLUX(lm)	2103.52	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,49.3	
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	1019	1005	998.5	994.9	1020	1003	995.7	994.4	0- 10	96.94	96.94	4.61,4.61
20	928.6	917.0	912.6	908.0	930.6	913.7	906.8	906.7	10- 20	271.1	368.1	17.5,17.5
30	788.6	780.5	778.0	773.1	791.5	776.1	769.4	770.9	20- 30	390.5	758.6	36.1,36.1
40	615.0	611.2	610.4	605.5	619.5	605.3	598.6	601.8	30- 40	433.4	1192	56.7,56.7
50	427.2	428.7	429.4	423.7	435.0	420.4	414.0	418.9	40- 50	397.0	1589	75.5,75.5
60	246.3	252.0	254.3	247.6	256.5	241.8	236.9	241.3	50- 60	297.8	1887	89.7,89.7
70	91.09	96.10	99.05	94.38	95.96	90.09	85.03	85.68	60- 70	164.4	2051	97.5,97.5
80	0.4745	0.6737	0.7556	0.6526	0.4457	0.5291	0.4412	0.4165	70- 80	36.12	2087	99.2,99.2
90	0.2412	0.2580	0.2641	0.2382	0.1912	0.1716	0.1572	0.1658	80- 90	0.2431	2088	99.2,99.2
100	0.6947	0.6936	0.6924	0.6772	0.5620	0.5501	0.5334	0.5367	90-100	0.4250	2088	99.3,99.3
110	1.430	1.395	1.382	1.378	1.187	1.164	1.145	1.143	100-110	0.9755	2089	99.3,99.3
120	2.346	2.282	2.264	2.271	2.023	1.976	1.981	1.945	110-120	1.672	2091	99.4,99.4
130	3.363	3.267	3.252	3.256	2.989	2.906	2.869	2.860	120-130	2.325	2093	99.5,99.5
140	4.401	4.286	4.279	4.278	4.004	3.905	3.862	3.838	130-140	2.765	2096	99.6,99.6
150	5.327	5.218	5.228	5.222	4.993	4.884	4.815	4.807	140-150	2.859	2099	99.8,99.8
160	6.080	5.983	6.020	5.985	5.862	5.719	5.664	5.625	150-160	2.516	2101	99.9,99.9
170	6.619	6.555	6.536	6.532	6.547	6.395	6.294	6.288	160-170	1.741	2103	100,100
180	6.833	6.788	6.698	6.704	6.861	6.782	6.687	6.695	170-180	0.6282	2104	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

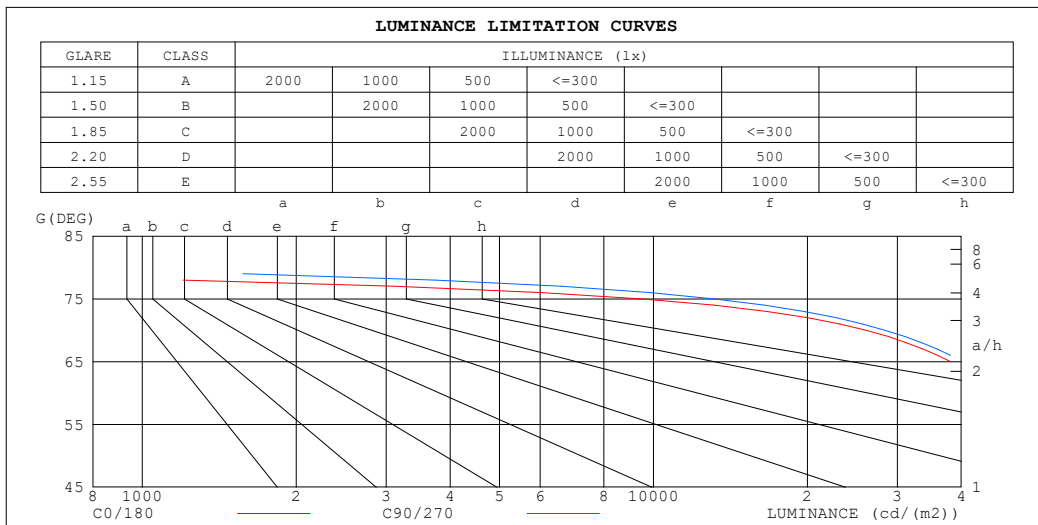
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:



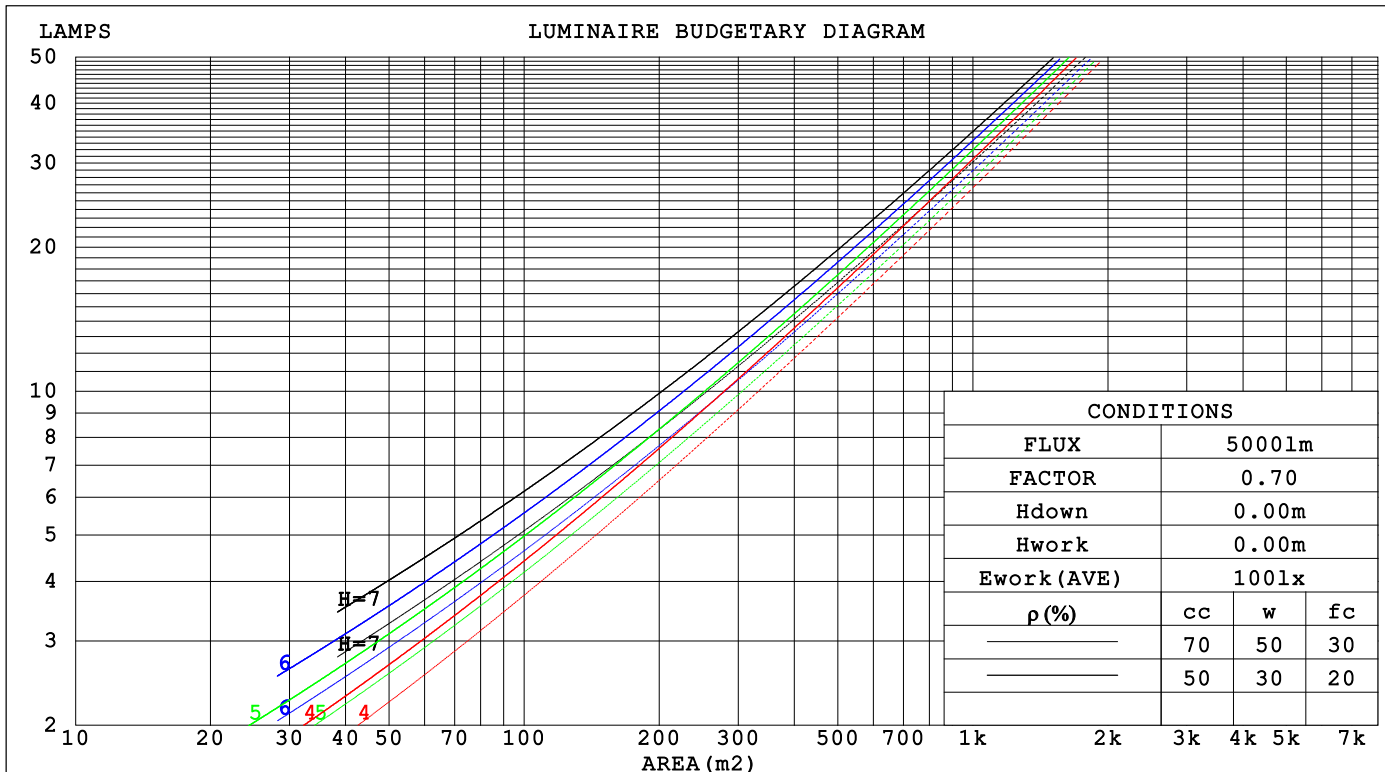
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 July 2025

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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	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	1.01	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	.39	.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	.37	.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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm					
NAME: P101036			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	.129	.041	.213	.123	.039	.202	.117	.038		
2.0	.242	.132	.041	.236	.130	.040	.224	.125	.039	.213	.120	.037	.203	.115	.036		
3.0	.230	.123	.037	.225	.120	.036	.215	.116	.035	.205	.112	.035	.196	.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	.181	.093	.027	.175	.091	.027	.168	.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	.156	.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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm										
NAME: P101036					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	23.9	25.3	24.2	25.5	25.7	24.0	25.4	24.3	25.6	25.8
3H	24.5	25.7	24.8	25.9	26.2	24.6	25.8	24.9	26.1	26.3
4H	24.5	25.6	24.8	25.9	26.1	24.6	25.8	24.9	26.0	26.3
6H	24.4	25.5	24.7	25.7	26.0	24.5	25.6	24.8	25.9	26.2
8H	24.3	25.4	24.7	25.6	25.9	24.5	25.5	24.8	25.8	26.1
12H	24.3	25.3	24.6	25.6	25.9	24.4	25.4	24.8	25.7	26.0
4H 2H	24.3	25.4	24.6	25.7	25.9	24.3	25.5	24.6	25.7	26.0
3H	24.9	25.9	25.2	26.2	26.5	25.0	26.0	25.3	26.3	26.6
4H	24.9	25.8	25.3	26.1	26.5	25.0	25.9	25.4	26.2	26.6
6H	24.8	25.6	25.2	25.9	26.3	24.9	25.7	25.3	26.1	26.4
8H	24.7	25.5	25.2	25.9	26.2	24.9	25.6	25.3	26.0	26.4
12H	24.7	25.4	25.1	25.8	26.2	24.8	25.5	25.3	25.9	26.3
8H 4H	24.8	25.5	25.2	25.9	26.3	24.9	25.7	25.4	26.0	26.4
6H	24.7	25.3	25.2	25.7	26.2	24.9	25.5	25.3	25.9	26.3
8H	24.7	25.2	25.1	25.6	26.1	24.8	25.3	25.3	25.8	26.2
12H	24.6	25.1	25.1	25.5	26.0	24.8	25.2	25.3	25.7	26.2
12H 4H	24.8	25.4	25.2	25.8	26.2	24.9	25.6	25.3	26.0	26.4
6H	24.7	25.2	25.1	25.6	26.1	24.8	25.3	25.3	25.8	26.2
8H	24.6	25.1	25.1	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 / - 1.1					+ 0.9 / - 1.1				

CIE Pub.117, 2104 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.6)
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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

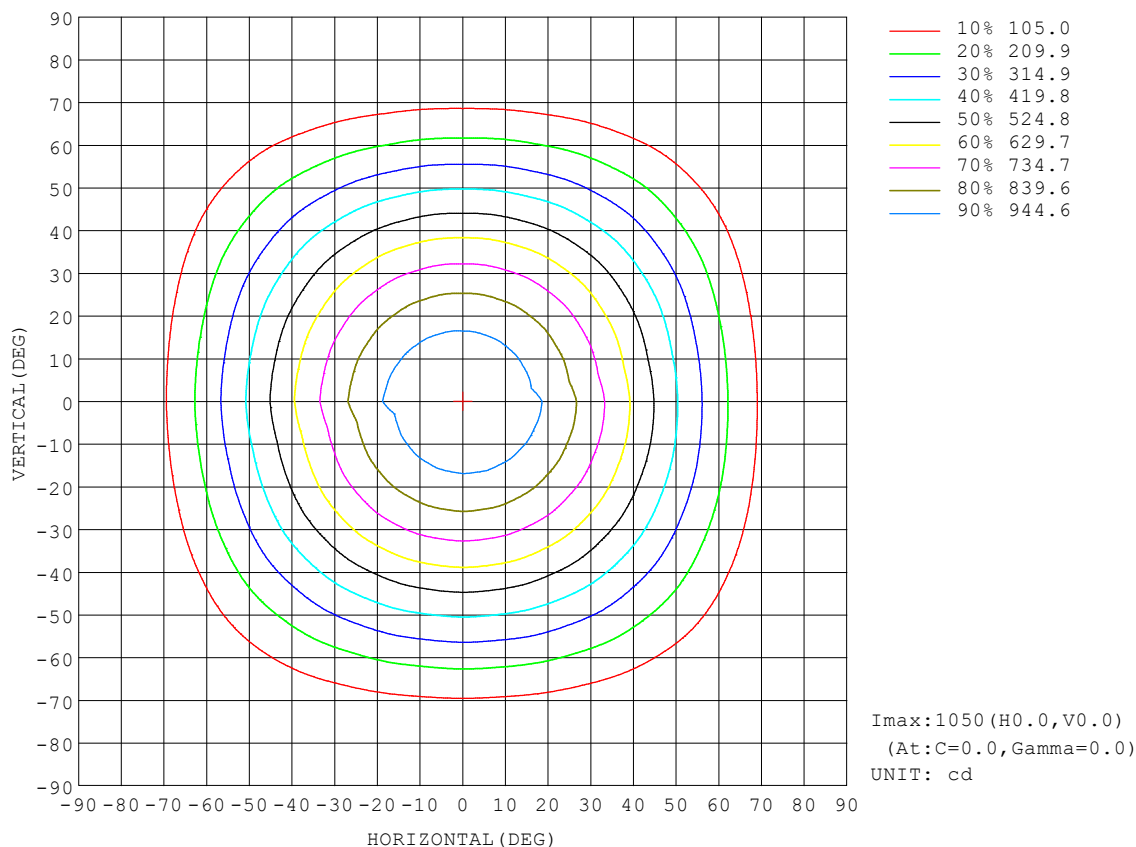
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	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: 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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

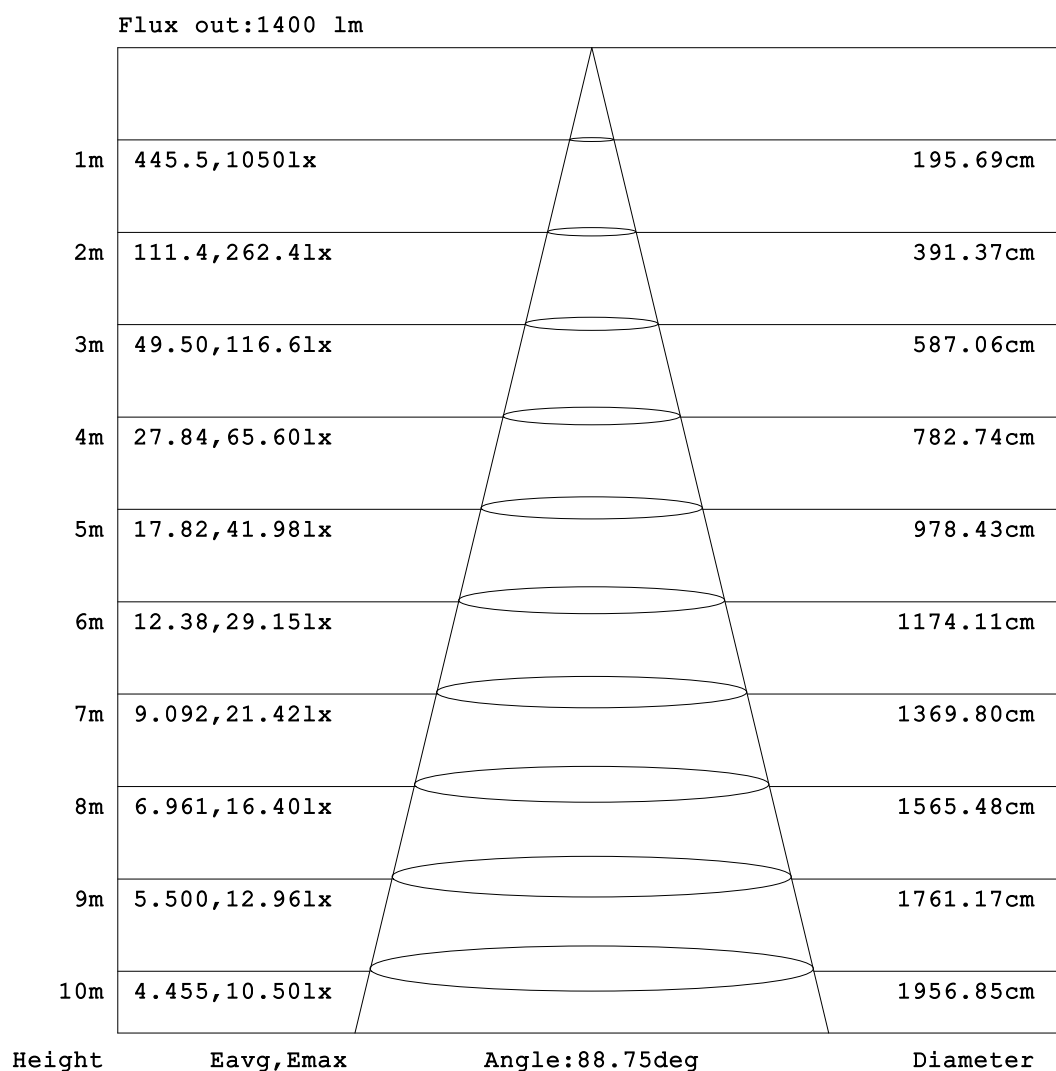


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:30 July 2025

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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	TYPE: 2700K	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

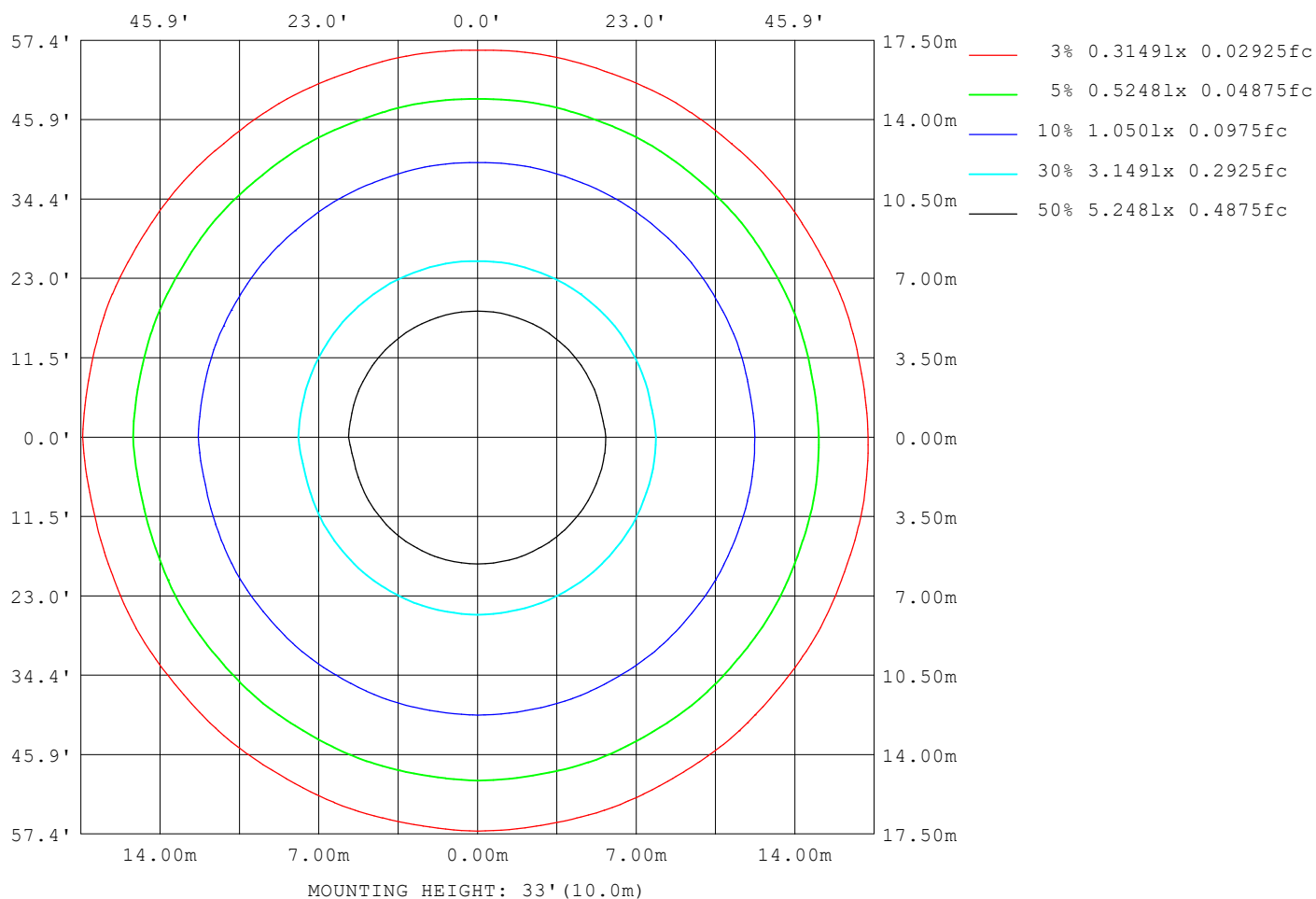
Humidity: 65.0%

Test Distance: 8.910m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	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: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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm		
NAME: P101036	TYPE: 2700K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

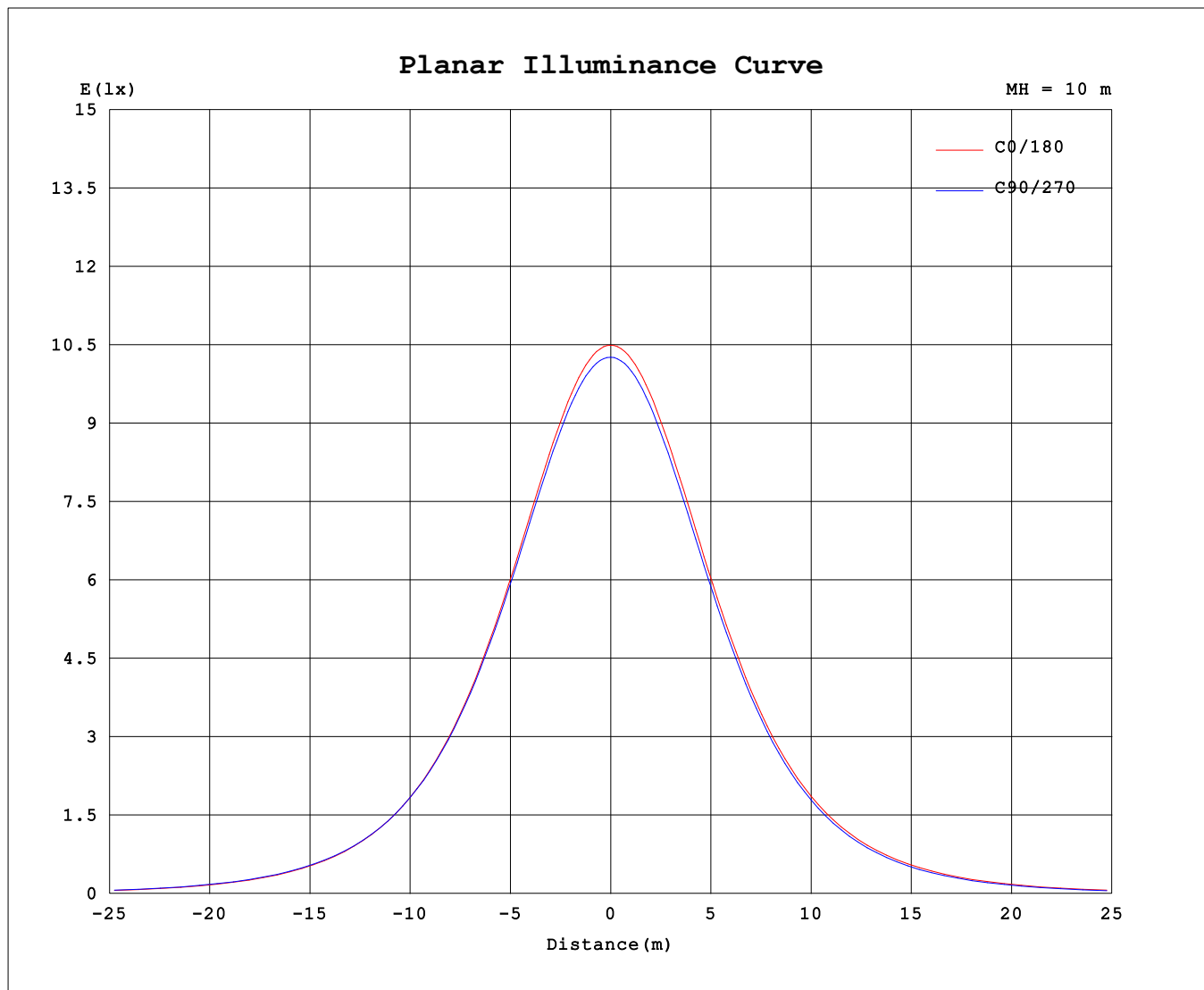
AvgL	cd/m2
L_0~180 (65) av	39232
L_0~180 (75) av	9892
L_0~180 (85) av	199
L_90~270 (65) av	38383
L_90~270 (75) av	11379
L_90~270 (85) av	196
L_45 (65) av	38227
L_45 (75) av	11388
L_45 (85) av	188

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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm																		
NAME: P101036									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	1050	1045	1041	1037	1035	1032	1030	1029	1028	1027	1026	1025	1025	1024	1024	1024	1023	1023	1050
5	1042	1038	1033	1031	1027	1026	1023	1022	1021	1020	1019	1018	1017	1017	1016	1016	1015	1016	1042
10	1019	1015	1011	1008	1005	1004	1001	1001	999	998	997	997	996	996	994	994	993	993	1020
15	981	978	973	971	968	967	965	964	962	962	961	961	959	959	957	957	956	956	982
20	929	926	922	921	917	917	914	914	912	913	910	911	909	909	907	907	905	905	931
25	864	862	858	857	854	854	851	852	850	851	848	849	847	847	844	845	842	843	866
30	789	788	783	783	780	781	778	779	777	778	776	777	774	775	772	772	769	770	791
35	705	705	701	701	698	700	697	698	696	697	694	696	693	694	691	691	688	688	708
40	615	615	612	613	610	612	610	612	609	610	608	609	606	607	604	605	601	602	619
45	522	522	519	521	519	521	519	521	519	520	517	519	516	517	513	514	511	512	527
50	427	429	426	429	427	430	428	431	428	429	426	427	424	425	422	424	420	422	435
55	335	337	334	338	337	341	339	342	339	341	337	338	334	336	332	335	331	333	345
60	246	249	247	251	250	254	252	255	253	254	251	251	248	249	246	248	245	247	257
65	165	167	167	170	169	172	171	173	172	174	171	171	168	169	166	167	165	167	174
70	91.1	94.1	93.8	95.9	95.0	97.2	96.4	98.4	97.7	99.1	97.5	98.1	95.7	96.1	92.7	89.6	85.6	87.4	96.0
75	25.2	27.9	29.0	31.9	31.5	33.2	32.5	34.0	33.3	34.8	34.1	35.4	34.3	35.0	30.0	21.7	15.6	18.5	27.1
80	0.47	0.48	0.58	0.61	0.66	0.68	0.73	0.73	0.74	0.76	0.81	0.79	0.78	0.72	0.59	0.39	0.34	0.34	0.45
85	0.22	0.21	0.22	0.21	0.22	0.20	0.24	0.21	0.22	0.20	0.22	0.19	0.21	0.17	0.18	0.16	0.17	0.18	0.13
90	0.24	0.29	0.24	0.28	0.24	0.28	0.22	0.28	0.22	0.26	0.21	0.26	0.21	0.26	0.22	0.28	0.22	0.28	0.19
95	0.43	0.48	0.43	0.47	0.42	0.46	0.41	0.46	0.41	0.44	0.40	0.44	0.40	0.45	0.40	0.46	0.41	0.45	0.35
100	0.69	0.73	0.69	0.72	0.67	0.71	0.66	0.70	0.66	0.69	0.65	0.69	0.66	0.70	0.66	0.71	0.67	0.72	0.56
105	1.03	1.06	1.00	1.04	1.00	1.02	0.98	1.02	0.97	1.01	0.97	1.01	0.97	1.02	0.98	1.03	0.99	1.04	0.84
110	1.43	1.45	1.40	1.43	1.38	1.41	1.36	1.39	1.35	1.38	1.35	1.39	1.35	1.39	1.36	1.41	1.38	1.42	1.19
115	1.87	1.88	1.83	1.85	1.80	1.83	1.78	1.82	1.77	1.81	1.77	1.81	1.77	1.83	1.80	1.83	1.81	1.85	1.59
120	2.35	2.36	2.30	2.32	2.27	2.29	2.24	2.27	2.23	2.26	2.23	2.28	2.24	2.29	2.25	2.29	2.28	2.32	2.02
125	2.85	2.85	2.80	2.81	2.76	2.78	2.73	2.76	2.72	2.77	2.72	2.77	2.73	2.78	2.74	2.79	2.77	2.82	2.51
130	3.36	3.37	3.30	3.31	3.26	3.28	3.23	3.25	3.22	3.25	3.22	3.25	3.23	3.27	3.24	3.29	3.28	3.31	2.99
135	3.88	3.88	3.81	3.83	3.76	3.78	3.74	3.77	3.74	3.77	3.74	3.77	3.74	3.77	3.75	3.80	3.78	3.83	3.50
140	4.40	4.40	4.32	4.35	4.28	4.29	4.23	4.26	4.24	4.28	4.24	4.27	4.24	4.28	4.28	4.31	4.28	4.34	4.00
145	4.88	4.89	4.80	4.81	4.76	4.79	4.71	4.73	4.70	4.75	4.71	4.75	4.73	4.78	4.75	4.78	4.76	4.82	4.51
150	5.33	5.34	5.24	5.27	5.20	5.24	5.18	5.21	5.17	5.23	5.20	5.23	5.20	5.24	5.20	5.23	5.21	5.27	4.99
155	5.74	5.75	5.65	5.67	5.60	5.65	5.58	5.66	5.61	5.67	5.63	5.66	5.60	5.64	5.60	5.64	5.62	5.68	5.45
160	6.08	6.10	6.01	6.04	5.95	6.01	5.96	6.02	5.96	6.02	5.97	6.02	5.96	6.01	5.96	6.01	5.98	6.05	5.86
165	6.37	6.41	6.30	6.37	6.28	6.33	6.26	6.32	6.26	6.32	6.27	6.32	6.25	6.31	6.27	6.34	6.29	6.35	6.24
170	6.62	6.65	6.55	6.60	6.52	6.59	6.51	6.56	6.49	6.54	6.46	6.52	6.48	6.55	6.51	6.57	6.52	6.59	6.55
175	6.78	6.82	6.73	6.78	6.70	6.77	6.68	6.72	6.63	6.68	6.61	6.68	6.64	6.70	6.66	6.70	6.66	6.67	6.78
180	6.83	6.83	6.78	6.80	6.79	6.79	6.74	6.74	6.70	6.70	6.69	6.71	6.70	6.70	6.70	6.70	6.67	6.67	6.86

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:230.19V I:0.1927A P:23.745W PF:0.5354 Freq:60.00Hz Lamp Flux:2103.52x1 lm																	
NAME: P101036									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	1045	1041	1037	1035	1032	1030	1029	1028	1027	1026	1025	1025	1024	1024	1024	1023	1023		
5	1037	1033	1029	1027	1025	1023	1021	1020	1019	1018	1017	1017	1017	1017	1016	1016	1016		
10	1014	1010	1006	1004	1001	1000	998	997	996	996	995	995	994	995	994	995	994		
15	976	973	968	967	963	963	960	960	958	958	957	958	957	958	957	958	957		
20	924	922	917	915	912	911	909	909	907	907	906	907	906	907	906	908	907		
25	860	858	853	852	848	848	845	846	843	844	843	844	843	845	844	846	844		
30	785	783	778	778	774	774	771	772	769	771	769	771	770	772	771	773	771		
35	702	701	696	696	692	692	689	690	687	689	687	690	688	691	689	692	690		
40	613	612	607	607	603	604	600	601	599	601	599	602	600	603	602	605	602		
45	521	521	516	515	511	511	508	509	507	509	507	510	509	512	511	514	512		
50	429	428	423	423	418	419	415	416	414	417	415	419	417	421	419	422	420		
55	339	338	332	332	327	328	324	326	323	326	325	328	327	330	328	332	330		
60	252	251	245	244	239	240	237	239	237	240	238	241	240	243	241	245	243		
65	170	170	165	164	160	159	157	158	157	159	158	159	159	161	160	163	162		
70	95.6	95.6	92.4	91.8	88.4	88.2	86.2	86.8	85.0	86.0	84.6	85.9	84.7	86.7	86.5	89.7	89.9		
75	29.8	31.2	30.1	30.7	29.3	29.7	27.6	27.4	25.3	25.5	24.0	24.9	24.1	25.6	25.5	27.0	26.0		
80	0.51	0.52	0.56	0.53	0.53	0.49	0.49	0.44	0.44	0.41	0.43	0.39	0.42	0.41	0.45	0.42	0.44		
85	0.16	0.15	0.16	0.13	0.16	0.14	0.16	0.14	0.15	0.14	0.16	0.13	0.15	0.13	0.15	0.13	0.15		
90	0.16	0.19	0.15	0.19	0.15	0.20	0.16	0.19	0.16	0.19	0.15	0.19	0.15	0.19	0.15	0.19	0.15		
95	0.30	0.35	0.31	0.35	0.31	0.35	0.30	0.35	0.31	0.35	0.31	0.35	0.29	0.34	0.29	0.33	0.27		
100	0.52	0.57	0.53	0.57	0.53	0.57	0.53	0.57	0.53	0.57	0.53	0.56	0.52	0.55	0.50	0.55	0.50		
105	0.80	0.84	0.80	0.85	0.81	0.85	0.81	0.86	0.80	0.84	0.80	0.84	0.79	0.83	0.78	0.83	0.78		
110	1.15	1.19	1.15	1.18	1.15	1.19	1.16	1.20	1.15	1.18	1.14	1.16	1.13	1.16	1.12	1.15	1.12		
115	1.54	1.58	1.54	1.58	1.54	1.57	1.56	1.62	1.55	1.56	1.52	1.56	1.51	1.55	1.50	1.54	1.50		
120	1.98	2.01	1.96	1.99	1.96	1.99	1.97	2.07	1.98	1.97	1.94	1.97	1.93	1.96	1.93	1.95	1.92		
125	2.45	2.47	2.41	2.46	2.41	2.44	2.43	2.49	2.42	2.43	2.39	2.43	2.38	2.41	2.37	2.41	2.38		
130	2.93	2.95	2.90	2.92	2.89	2.91	2.89	2.92	2.87	2.90	2.85	2.89	2.85	2.87	2.83	2.87	2.84		
135	3.42	3.44	3.40	3.41	3.37	3.40	3.37	3.40	3.36	3.38	3.33	3.36	3.32	3.35	3.32	3.35	3.32		
140	3.94	3.96	3.92	3.94	3.87	3.89	3.85	3.91	3.86	3.87	3.82	3.86	3.82	3.86	3.83	3.85	3.83		
145	4.43	4.45	4.39	4.44	4.38	4.39	4.34	4.39	4.33	4.34	4.30	4.35	4.33	4.35	4.30	4.34	4.31		
150	4.91	4.92	4.86	4.91	4.86	4.87	4.83	4.87	4.82	4.82	4.78	4.83	4.79	4.82	4.76	4.80	4.78		
155	5.36	5.38	5.30	5.35	5.28	5.33	5.28	5.34	5.27	5.30	5.24	5.28	5.21	5.25	5.19	5.25	5.22		
160	5.78	5.81	5.71	5.75	5.69	5.74	5.68	5.73	5.66	5.71	5.65	5.68	5.60	5.65	5.59	5.65	5.61		
165	6.15	6.19	6.10	6.13	6.04	6.08	6.02	6.09	6.02	6.06	6.00	6.04	5.97	6.01	5.96	6.01	5.97		
170	6.46	6.50	6.41	6.45	6.34	6.37	6.29	6.34	6.29	6.35	6.28	6.33	6.27	6.31	6.24	6.29	6.25		
175	6.68	6.74	6.66	6.70	6.59	6.63	6.54	6.59	6.52	6.58	6.52	6.58	6.51	6.56	6.48	6.53	6.48		
180	6.80	6.80	6.78	6.80	6.77	6.77	6.70	6.71	6.69	6.69	6.68	6.69	6.69	6.70	6.66	6.66	6.64		

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: