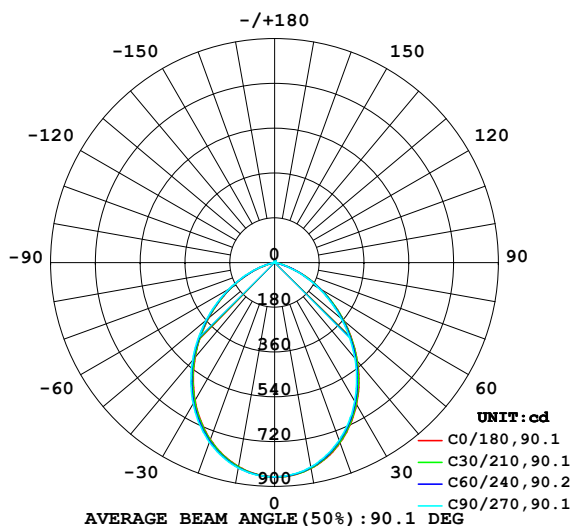


LUMINAIRE PHOTOMETRIC TEST REPORT

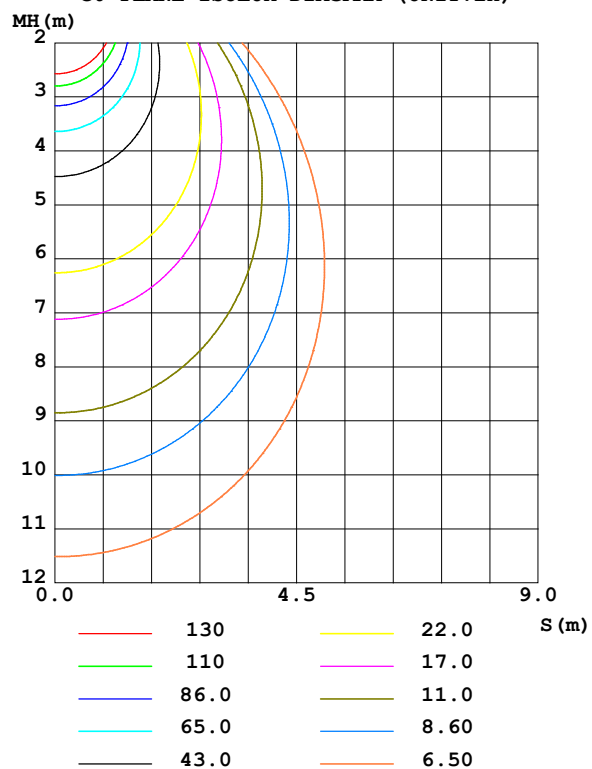
Test:U:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 106.16 lm/W
MODEL	XY-1002	I _{max} (cd)	861.9	S/MH(C0/180)	1.12	
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.15	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1762.9	η UP,DN(C0-180)	0.4,49.2	
NOMINAL FLUX(lm)	1762.88	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	840.4	838.0	834.5	831.7	833.0	835.5	838.8	841.7	0- 10	81.06	81.06	4.6,4.6
20	770.3	765.6	759.4	754.3	756.4	761.2	767.6	773.2	10- 20	226.7	307.8	17.5,17.5
30	658.6	652.5	644.6	637.5	640.1	646.7	655.2	662.8	20- 30	326.8	634.6	36,36
40	517.9	511.5	502.6	494.7	497.8	504.7	513.9	522.9	30- 40	362.9	997.5	56.6,56.6
50	363.7	359.0	350.8	341.5	346.8	351.3	359.5	369.6	40- 50	332.8	1330	75.5,75.5
60	213.8	211.0	204.0	194.2	201.0	203.2	210.0	219.0	50- 60	250.0	1580	89.6,89.6
70	83.47	80.68	75.23	68.46	70.67	75.70	80.69	85.41	60- 70	138.4	1719	97.5,97.5
80	0.5080	0.5569	0.4445	0.3384	0.2217	0.4087	0.5298	0.7289	70- 80	30.76	1750	99.2,99.2
90	0.1572	0.1911	0.2250	0.2076	0.1577	0.1266	0.1067	0.1096	80- 90	0.1908	1750	99.3,99.3
100	0.5161	0.5527	0.6014	0.6009	0.4781	0.4357	0.3867	0.3849	90-100	0.3349	1750	99.3,99.3
110	1.099	1.134	1.198	1.210	1.011	0.9521	0.9035	0.8787	100-110	0.7965	1751	99.3,99.3
120	1.840	1.869	1.944	1.974	1.709	1.630	1.570	1.550	110-120	1.381	1752	99.4,99.4
130	2.661	2.695	2.770	2.809	2.489	2.396	2.318	2.305	120-130	1.924	1754	99.5,99.5
140	3.508	3.531	3.617	3.661	3.325	3.220	3.136	3.119	130-140	2.290	1756	99.6,99.6
150	4.288	4.320	4.409	4.447	4.132	4.044	3.952	3.944	140-150	2.372	1759	99.8,99.8
160	4.912	4.943	5.054	5.053	4.818	4.728	4.671	4.648	150-160	2.089	1761	99.9,99.9
170	5.367	5.418	5.458	5.488	5.356	5.286	5.204	5.219	160-170	1.444	1762	100,100
180	5.575	5.609	5.564	5.601	5.575	5.603	5.558	5.587	170-180	0.5211	1763	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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz

Lamp Flux:1762.88x1 lm

NAME:

TYPE: 4000K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

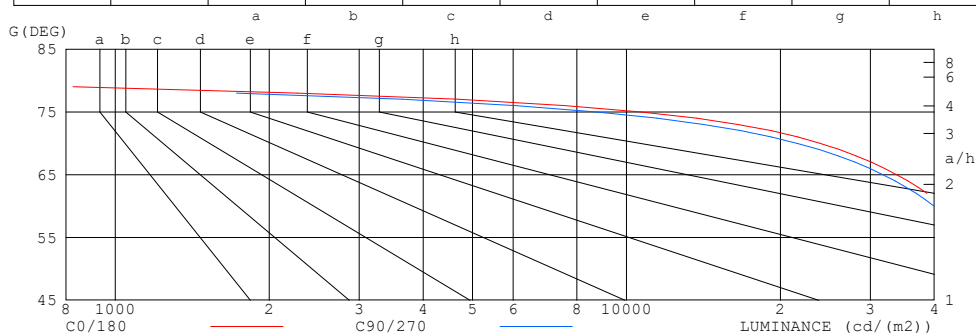
MFR.:

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



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	189	164
80	287	251
75	10678	8761
70	23921	21561
65	33776	31717
60	41907	40000
55	49080	47147
50	55466	53490
45	61159	59152

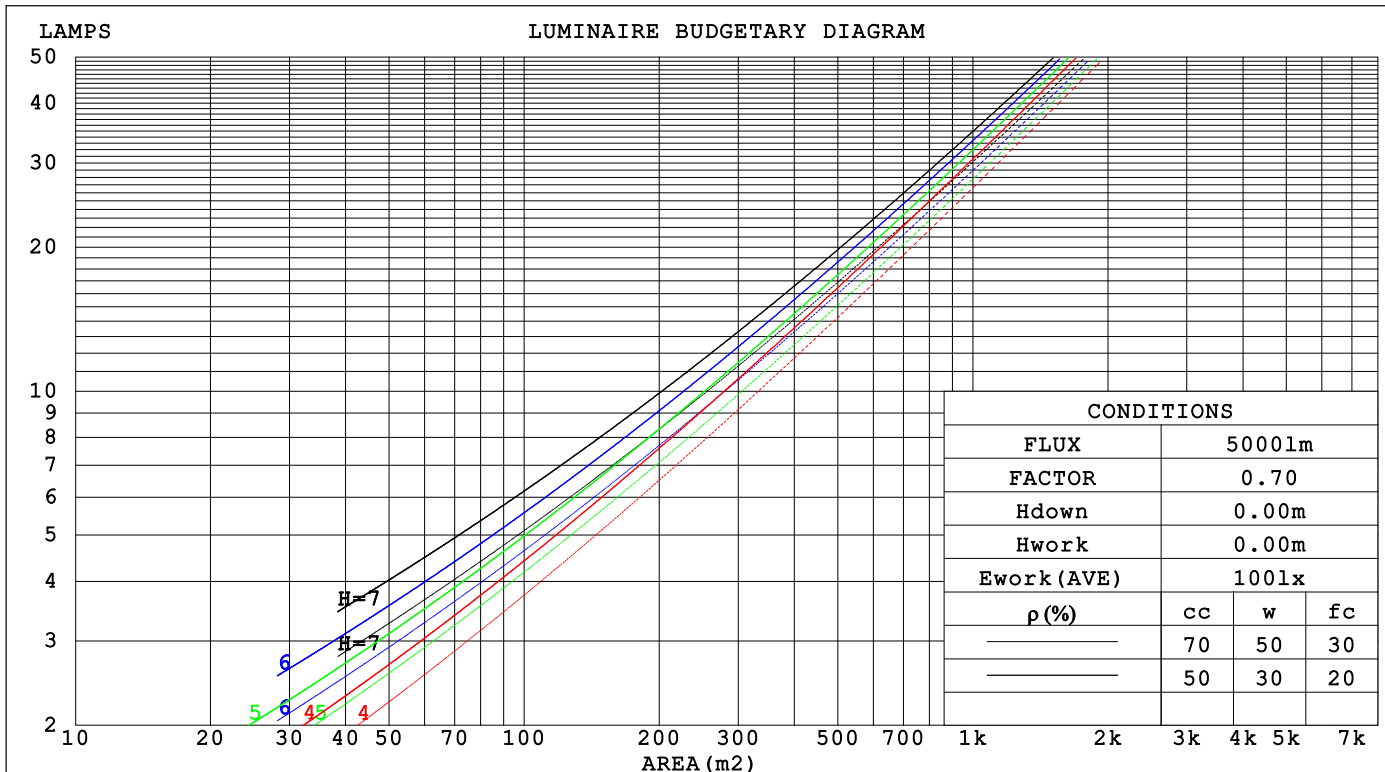
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm		
NAME:	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	.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	.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: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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm					
NAME:		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	.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	.192	.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	.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	.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	.139	.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	.046	.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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm											
NAME:					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	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	25.9	26.1
	4H	24.7	25.8	25.0	26.1	26.3	24.4	25.5	24.7	25.8	26.1
	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	25.6	25.9
	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	25.4	24.5	25.6	25.9
	3H	25.0	26.0	25.4	26.3	26.6	24.8	25.8	25.2	26.1	26.4
	4H	25.1	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	25.1	25.7	26.1
8H	4H	25.0	25.7	25.4	26.1	26.5	24.7	25.5	25.2	25.9	26.2
	6H	24.9	25.5	25.3	25.9	26.4	24.7	25.3	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	25.1	25.5	26.0
12H	4H	24.9	25.6	25.4	26.0	26.4	24.7	25.4	25.1	25.8	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	25.1	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 / - 1.0					+ 0.9 / - 1.1				

CIE Pub.117, 1763 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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

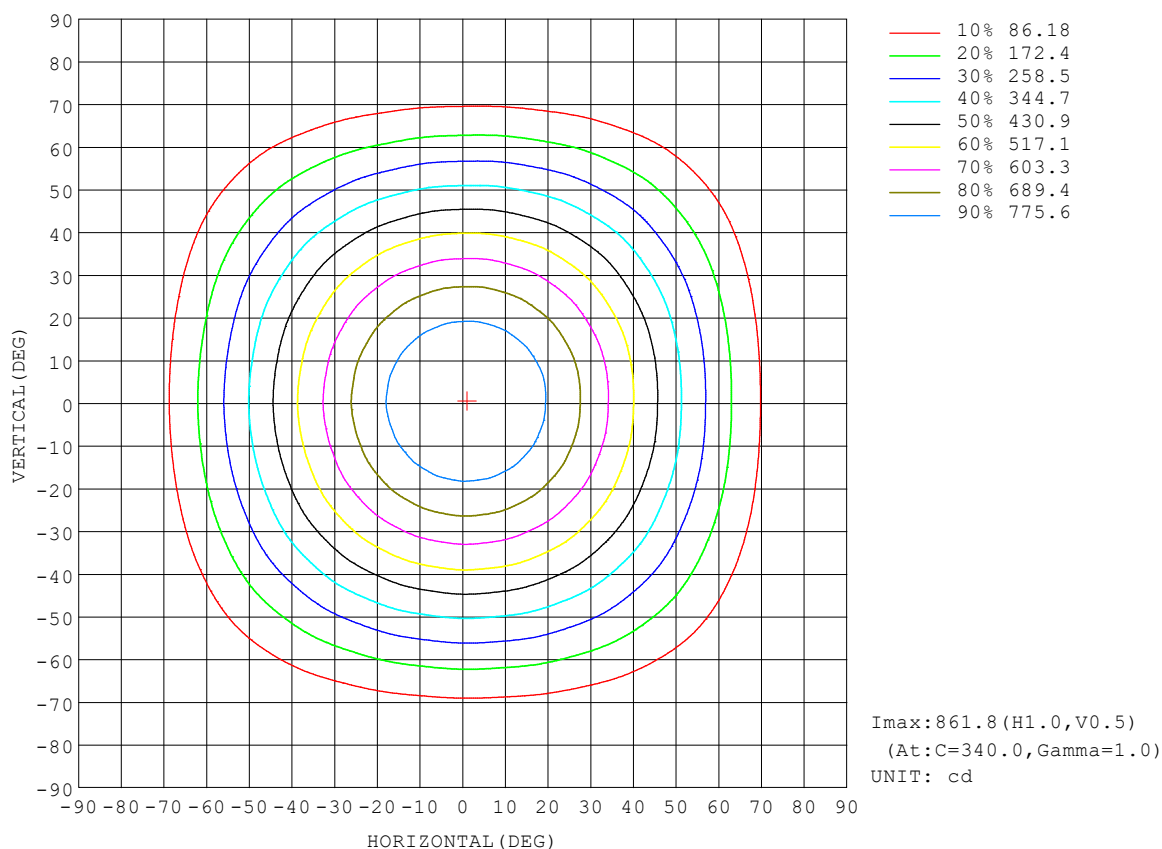
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	47	63	53	47	62	53	47	41
0.80	74	64	58	73	64	58	72	63	57	51
1.00	83	73	67	82	73	67	79	73	66	60
1.25	89	81	75	88	80	74	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: 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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

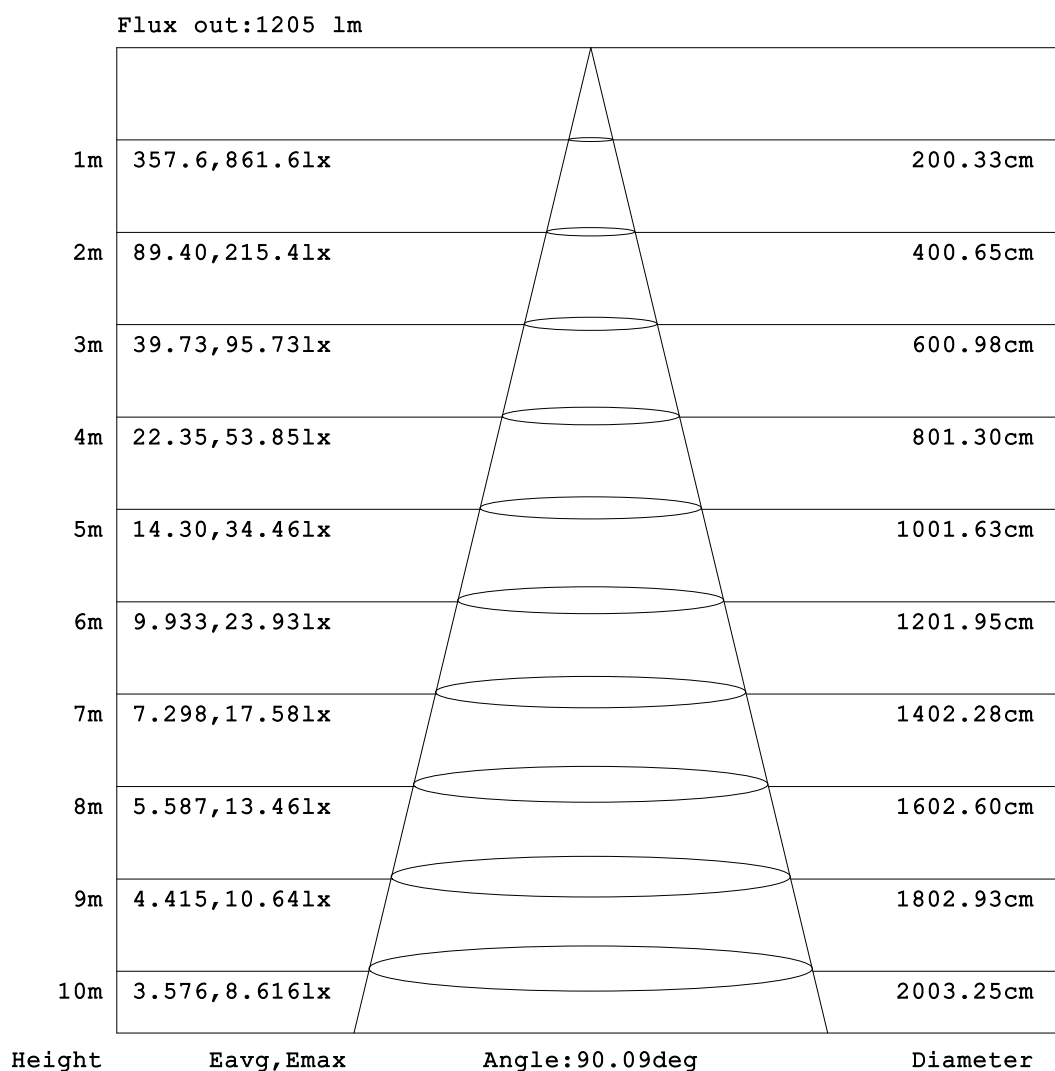


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:01 August 2025

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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:



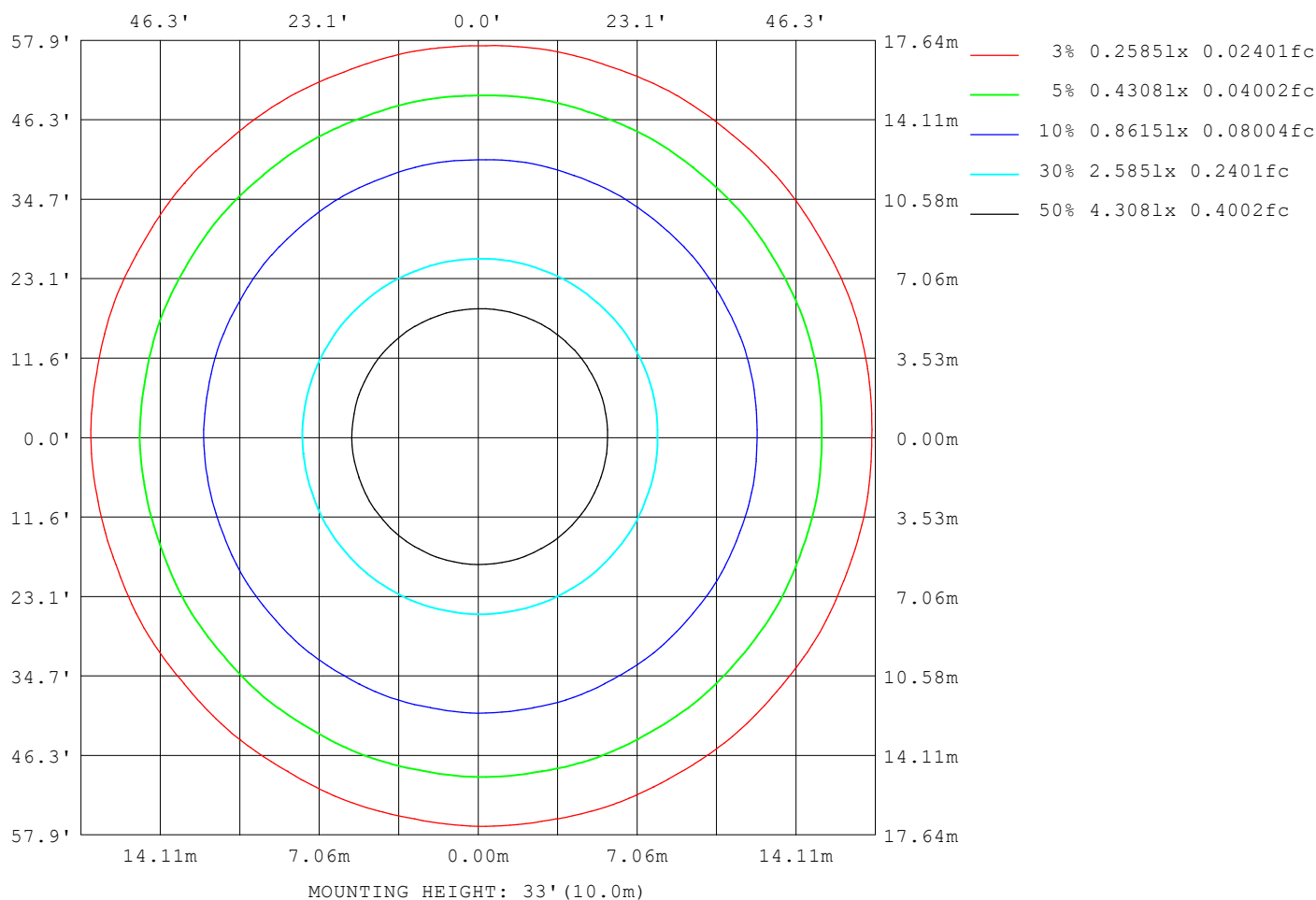
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: CAM
 Test Date: 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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm		
NAME:	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: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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm		
NAME:	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D114	Shielding Angle:

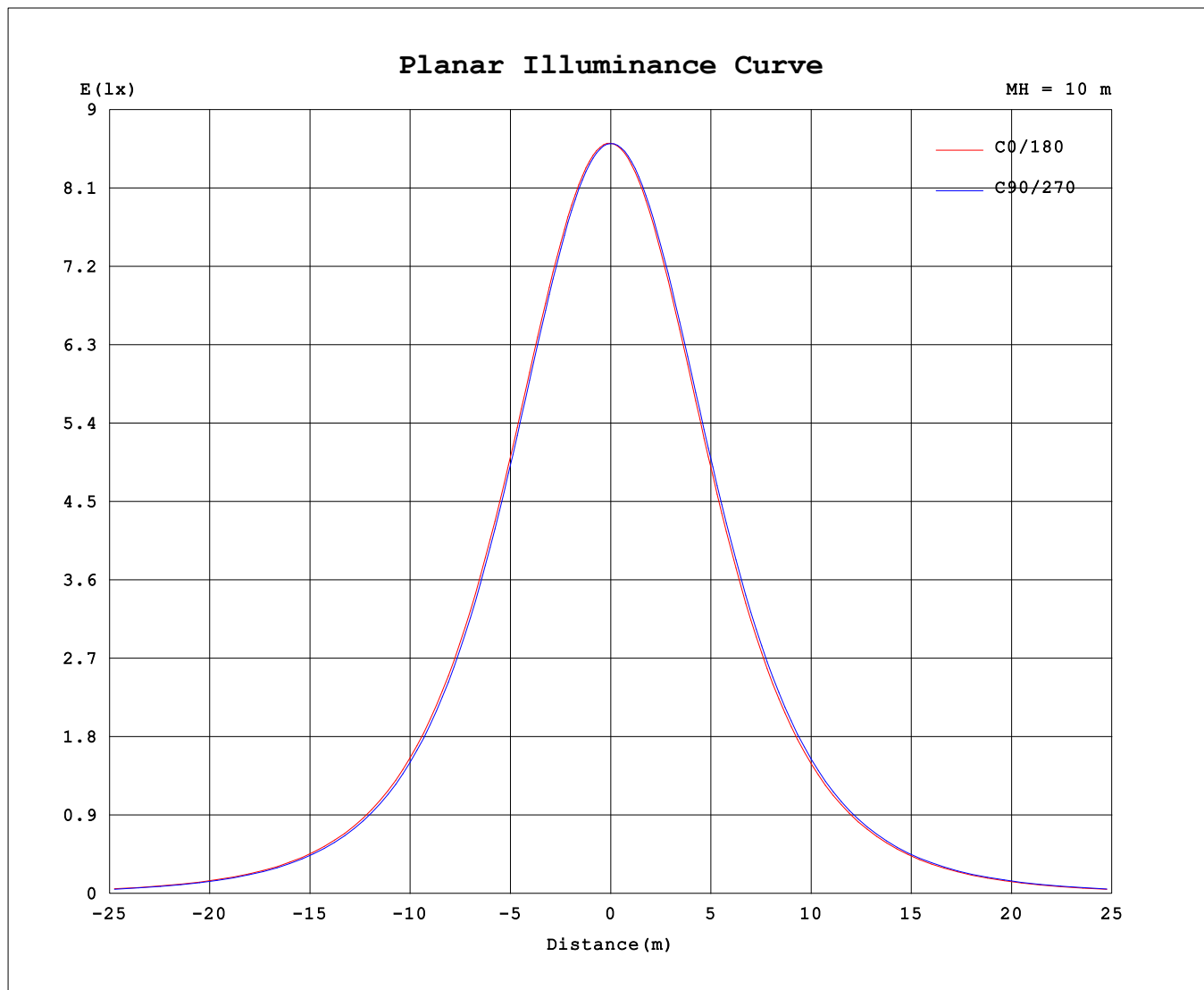
AvgL	cd/m2
L_0~180 (65) av	32388
L_0~180 (75) av	8391
L_0~180 (85) av	148
L_90~270 (65) av	32372
L_90~270 (75) av	9661
L_90~270 (85) av	146
L_45 (65) av	32252
L_45 (75) av	9702
L_45 (85) av	139

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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm																		
NAME:									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	862	861	861	861	862	862	861	861	861	861	861	861	861	861	861	862	862	861	862
5	857	857	857	857	856	856	855	855	854	854	854	853	853	853	853	853	853	853	854
10	840	840	839	839	838	838	837	836	835	835	833	833	832	832	831	832	831	832	833
15	811	811	810	809	808	807	805	805	803	803	801	801	799	799	798	799	798	799	800
20	770	770	768	768	766	765	763	762	760	759	757	757	755	755	753	754	753	754	756
25	719	719	717	716	714	713	710	710	707	706	703	703	701	701	699	700	699	700	703
30	659	659	656	656	653	652	649	649	645	645	641	641	638	639	636	638	636	637	640
35	591	591	588	588	585	584	581	580	576	576	572	572	569	570	567	568	566	568	571
40	518	518	515	515	512	512	507	507	503	503	499	499	496	496	493	495	492	494	498
45	441	442	439	439	435	435	432	431	427	427	423	422	419	420	417	418	416	419	422
50	364	365	361	362	359	359	355	356	351	351	346	346	342	343	340	342	340	343	347
55	287	288	285	286	283	284	281	281	276	276	271	271	267	268	265	267	265	268	273
60	214	215	212	213	210	212	208	209	204	204	199	199	195	196	193	195	194	197	201
65	146	146	144	145	143	143	140	140	137	137	133	132	129	129	127	129	128	130	134
70	83.5	84.6	83.0	83.2	80.7	80.7	78.2	78.1	75.6	75.2	72.4	72.2	69.6	69.7	67.2	65.3	62.5	64.9	70.7
75	28.2	29.3	28.5	29.6	27.5	27.3	25.3	25.1	23.0	23.1	21.4	21.7	20.4	20.9	17.7	12.3	7.48	10.0	16.1
80	0.51	0.55	0.57	0.56	0.58	0.54	0.54	0.49	0.49	0.44	0.44	0.41	0.42	0.36	0.32	0.19	0.20	0.17	0.22
85	0.17	0.16	0.16	0.16	0.16	0.15	0.16	0.15	0.17	0.15	0.16	0.15	0.16	0.14	0.15	0.14	0.13	0.15	0.10
90	0.16	0.21	0.16	0.21	0.16	0.22	0.17	0.21	0.16	0.23	0.18	0.23	0.18	0.24	0.18	0.24	0.19	0.25	0.16
95	0.30	0.35	0.30	0.36	0.31	0.37	0.33	0.38	0.34	0.38	0.34	0.39	0.35	0.40	0.35	0.41	0.36	0.41	0.29
100	0.52	0.56	0.52	0.56	0.53	0.58	0.54	0.58	0.54	0.60	0.57	0.62	0.57	0.62	0.58	0.64	0.59	0.63	0.48
105	0.77	0.83	0.78	0.83	0.80	0.84	0.80	0.86	0.82	0.87	0.84	0.89	0.85	0.90	0.86	0.91	0.87	0.92	0.72
110	1.10	1.14	1.10	1.15	1.11	1.16	1.13	1.18	1.14	1.20	1.16	1.21	1.18	1.23	1.19	1.24	1.21	1.25	1.01
115	1.46	1.49	1.46	1.51	1.47	1.52	1.48	1.54	1.50	1.56	1.53	1.58	1.54	1.60	1.57	1.61	1.58	1.62	1.34
120	1.84	1.87	1.84	1.89	1.85	1.89	1.87	1.92	1.89	1.94	1.91	1.96	1.94	1.99	1.95	2.00	1.97	2.01	1.71
125	2.24	2.28	2.24	2.29	2.25	2.30	2.27	2.31	2.30	2.35	2.33	2.37	2.35	2.40	2.37	2.42	2.38	2.44	2.09
130	2.66	2.69	2.65	2.70	2.67	2.72	2.69	2.73	2.71	2.77	2.74	2.79	2.77	2.82	2.79	2.84	2.81	2.85	2.49
135	3.08	3.11	3.07	3.12	3.08	3.14	3.11	3.16	3.14	3.21	3.18	3.21	3.19	3.23	3.22	3.28	3.24	3.29	2.90
140	3.51	3.54	3.50	3.54	3.51	3.55	3.52	3.57	3.56	3.62	3.60	3.64	3.61	3.67	3.65	3.70	3.66	3.71	3.32
145	3.90	3.95	3.90	3.94	3.92	3.96	3.92	3.97	3.95	4.01	3.99	4.04	4.02	4.09	4.05	4.09	4.05	4.12	3.74
150	4.29	4.33	4.27	4.33	4.29	4.35	4.31	4.37	4.34	4.41	4.38	4.44	4.41	4.47	4.42	4.47	4.42	4.48	4.13
155	4.63	4.67	4.61	4.66	4.61	4.67	4.64	4.72	4.69	4.77	4.72	4.78	4.73	4.77	4.74	4.78	4.76	4.82	4.49
160	4.91	4.95	4.90	4.96	4.91	4.97	4.94	5.03	4.98	5.05	5.01	5.07	5.02	5.08	5.03	5.09	5.05	5.11	4.82
165	5.16	5.21	5.15	5.23	5.17	5.23	5.20	5.27	5.22	5.29	5.24	5.30	5.25	5.31	5.28	5.35	5.29	5.35	5.12
170	5.37	5.43	5.37	5.44	5.38	5.45	5.40	5.46	5.40	5.46	5.39	5.47	5.42	5.51	5.47	5.54	5.48	5.54	5.36
175	5.51	5.58	5.51	5.59	5.54	5.59	5.54	5.58	5.51	5.56	5.51	5.58	5.55	5.60	5.58	5.61	5.58	5.59	5.55
180	5.58	5.58	5.57	5.59	5.61	5.61	5.59	5.59	5.56	5.56	5.57	5.57	5.59	5.59	5.61	5.61	5.59	5.59	5.58

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:230.21V I:0.1462A P:16.605W PF:0.4935 Freq:60.00Hz Lamp Flux:1762.88x1 lm																	
NAME:									TYPE: 4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D114						Shielding Angle:		

Table--2

UNIT: cd

C (DEG) γ (DEG)	C (DEG)																	
	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	
0	861	861	861	862	862	861	861	861	861	861	861	861	861	861	862	862	861	
5	853	854	854	855	855	856	856	856	856	857	857	858	858	858	858	858	858	
10	833	834	834	835	836	837	837	839	839	840	840	841	841	842	842	842	842	
15	800	802	802	804	804	806	807	809	809	811	811	813	813	814	813	814	813	
20	756	758	758	761	761	764	765	767	768	770	770	773	772	774	773	774	773	
25	702	705	705	708	709	712	712	715	716	719	719	722	721	724	723	724	722	
30	640	643	643	647	647	651	651	655	655	659	659	662	662	664	663	664	662	
35	571	574	574	578	579	582	583	587	587	591	591	595	594	597	595	597	595	
40	497	500	500	504	505	509	509	513	514	518	518	522	521	524	523	525	522	
45	422	425	424	428	428	432	433	437	437	441	442	446	445	448	447	449	446	
50	346	349	348	352	351	355	355	360	359	364	364	369	368	371	369	371	368	
55	271	275	273	276	275	279	278	283	283	288	288	292	292	295	293	295	292	
60	200	203	201	204	202	206	205	210	210	215	214	218	217	221	219	221	218	
65	133	135	135	137	136	138	138	142	142	146	146	149	148	150	149	151	149	
70	72.0	74.1	73.9	75.9	75.5	77.8	77.9	80.5	80.7	83.1	82.9	85.0	84.4	86.4	85.6	87.4	86.3	
75	18.9	21.5	22.3	24.6	25.0	27.2	27.1	28.5	27.9	29.4	28.9	30.5	29.8	31.3	30.8	32.0	30.6	
80	0.30	0.31	0.37	0.39	0.43	0.44	0.49	0.48	0.53	0.53	0.55	0.62	0.64	0.82	0.75	0.93	0.69	
85	0.11	0.10	0.11	0.09	0.11	0.10	0.12	0.11	0.11	0.11	0.12	0.10	0.11	0.09	0.12	0.10	0.13	
90	0.11	0.15	0.11	0.15	0.10	0.15	0.11	0.13	0.11	0.14	0.11	0.13	0.10	0.12	0.11	0.13	0.11	
95	0.24	0.29	0.22	0.28	0.22	0.28	0.21	0.26	0.21	0.26	0.21	0.25	0.20	0.25	0.18	0.24	0.20	
100	0.43	0.47	0.42	0.46	0.41	0.46	0.40	0.44	0.39	0.43	0.37	0.42	0.36	0.41	0.36	0.40	0.36	
105	0.66	0.71	0.66	0.70	0.64	0.69	0.62	0.67	0.62	0.66	0.61	0.65	0.59	0.64	0.59	0.64	0.59	
110	0.95	1.00	0.94	0.98	0.92	0.97	0.91	0.95	0.90	0.93	0.87	0.92	0.86	0.90	0.86	0.91	0.86	
115	1.29	1.32	1.28	1.30	1.26	1.28	1.24	1.31	1.23	1.25	1.19	1.24	1.17	1.22	1.18	1.22	1.19	
120	1.66	1.69	1.63	1.66	1.60	1.64	1.60	1.66	1.57	1.59	1.54	1.58	1.53	1.57	1.53	1.57	1.54	
125	2.03	2.07	2.00	2.03	1.97	2.00	1.96	2.01	1.93	1.96	1.90	1.95	1.90	1.93	1.89	1.94	1.91	
130	2.43	2.45	2.40	2.43	2.37	2.40	2.35	2.37	2.32	2.35	2.29	2.33	2.29	2.32	2.28	2.33	2.31	
135	2.84	2.87	2.81	2.83	2.77	2.80	2.76	2.79	2.72	2.75	2.70	2.73	2.68	2.71	2.68	2.74	2.70	
140	3.26	3.29	3.24	3.25	3.19	3.21	3.16	3.20	3.14	3.16	3.10	3.13	3.09	3.14	3.11	3.15	3.12	
145	3.67	3.69	3.64	3.68	3.62	3.63	3.56	3.60	3.53	3.57	3.50	3.56	3.53	3.57	3.51	3.57	3.54	
150	4.06	4.08	4.02	4.07	4.02	4.04	3.98	4.02	3.95	3.97	3.92	3.97	3.93	3.96	3.91	3.97	3.95	
155	4.43	4.46	4.38	4.42	4.37	4.42	4.36	4.41	4.34	4.38	4.31	4.35	4.29	4.34	4.28	4.34	4.32	
160	4.76	4.80	4.72	4.76	4.70	4.75	4.68	4.73	4.67	4.71	4.65	4.69	4.63	4.67	4.62	4.68	4.64	
165	5.06	5.10	5.04	5.07	5.00	5.04	4.99	5.04	4.98	5.01	4.96	5.00	4.94	4.98	4.94	4.99	4.95	
170	5.30	5.35	5.29	5.32	5.25	5.28	5.21	5.26	5.20	5.27	5.21	5.26	5.19	5.24	5.19	5.24	5.20	
175	5.49	5.56	5.49	5.54	5.46	5.50	5.42	5.47	5.41	5.46	5.41	5.49	5.42	5.46	5.41	5.46	5.40	
180	5.57	5.58	5.59	5.61	5.60	5.60	5.57	5.56	5.56	5.57	5.57	5.59	5.58	5.59	5.56	5.57	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: