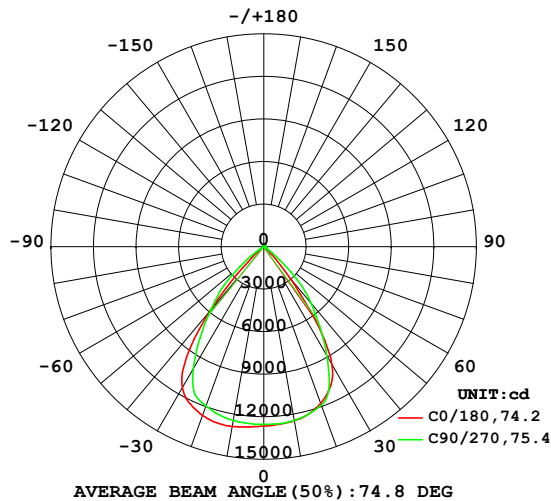


LUMINAIRE PHOTOMETRIC TEST REPORT

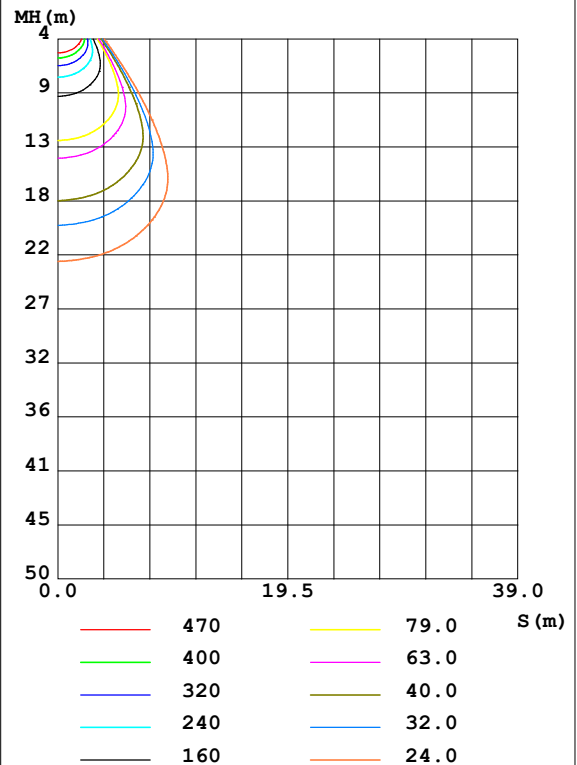
Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.62 lm/W			
MODEL		Imax(cd)	12891	S/MH(C0/180)	1.15
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.12
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	17949	η UP,DN(C0-180)	1.7,46.0
NOMINAL FLUX(lm)	17948.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,51.5
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	97.5	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [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	1247	1240	1245	1259	1287	1267	1245	1232	0- 10	1199	1199	6.68, 6.68
20	1175	1169	1188	1207	1266	1223	1196	1173	10- 20	3483	4682	26.1, 26.1
30	963.7	978.2	890.9	1054	1149	1104	993.4	1037	20- 30	5208	9890	55.1, 55.1
40	278.8	442.8	521.8	484.0	586.5	642.6	581.7	521.2	30- 40	4837	14727	82.1, 82.1
50	28.64	74.21	150.0	77.92	38.39	159.8	221.1	99.13	40- 50	2150	16877	94, 94
60	16.30	17.96	20.62	18.21	9.676	14.93	19.77	11.97	50- 60	390.7	17268	96.2, 96.2
70	10.67	11.24	11.67	11.55	4.644	5.162	5.404	4.742	60- 70	109.1	17377	96.8, 96.8
80	7.823	8.232	8.599	8.340	3.254	3.344	3.340	3.147	70- 80	72.29	17449	97.2, 97.2
90	6.631	6.905	7.096	6.838	2.232	2.253	2.241	2.147	80- 90	54.65	17504	97.5, 97.5
100	7.076	7.165	7.235	6.975	1.857	1.929	2.000	1.904	90-100	48.72	17553	97.8, 97.8
110	8.342	8.298	8.281	8.023	2.027	2.187	2.354	2.248	100-110	50.90	17604	98.1, 98.1
120	9.907	9.758	9.620	9.451	3.044	3.196	3.386	3.351	110-120	57.59	17661	98.4, 98.4
130	11.10	11.01	10.89	10.76	4.669	4.807	5.025	4.989	120-130	64.33	17726	98.8, 98.8
140	11.89	11.84	11.80	11.75	6.510	6.620	6.681	6.672	130-140	66.32	17792	99.1, 99.1
150	12.54	12.59	12.58	12.46	7.983	8.056	8.108	8.047	140-150	61.29	17853	99.5, 99.5
160	13.35	13.33	13.26	13.19	9.266	9.436	9.594	9.477	150-160	49.89	17903	99.7, 99.7
170	13.76	13.67	13.64	13.60	11.13	11.25	11.38	11.26	160-170	33.67	17937	99.9, 99.9
180	12.82	12.89	12.94	12.86	12.90	12.84	12.99	12.82	170-180	12.10	17949	100, 100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT: lm		

Conical surface Flux(90deg): 16151 lm

%lum = 90.0%

%lamp = 90.0%

Conical surface Flux(120deg): 17268 lm

%lum = 96.2%

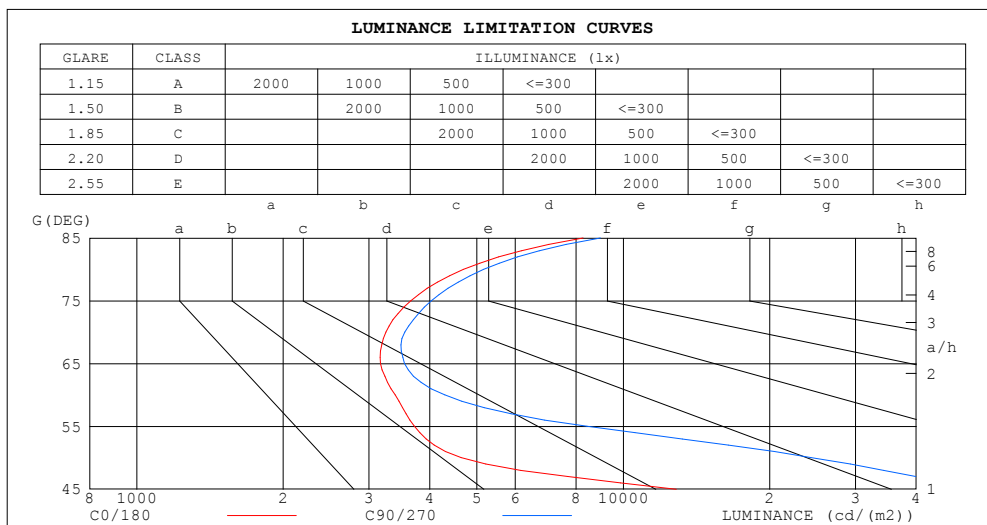
%lamp = 96.2%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-04-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8273	8968
80	4693	5158
75	3657	4030
70	3251	3555
65	3169	3550
60	3397	4295
55	3719	8414
50	4642	24300
45	12846	51184

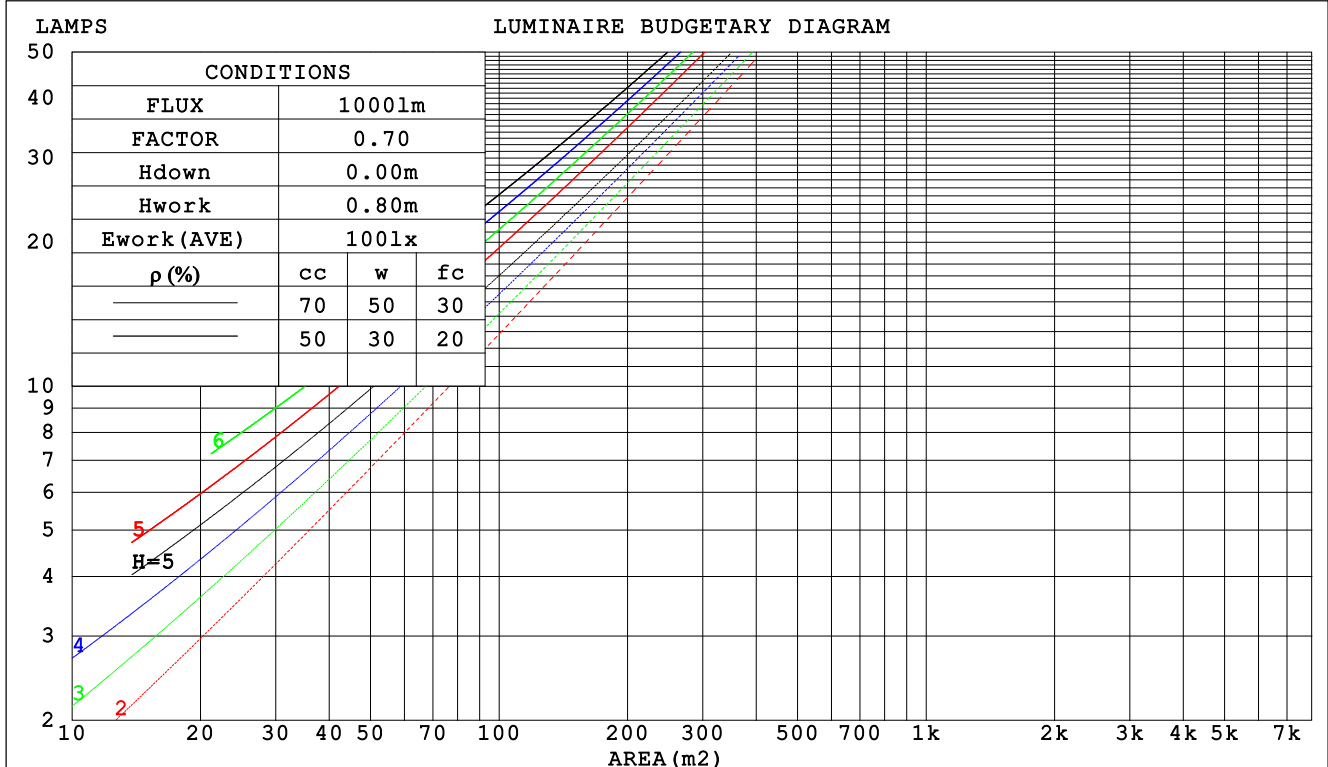
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.09	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	1.00	.96	.92	.98	.94	.91	.95	.91	.88	.91	.88	.86	.88	.86	.84	.82
3.0	.92	.87	.82	.91	.86	.81	.88	.83	.80	.85	.81	.78	.82	.79	.77	.75
4.0	.85	.79	.74	.84	.78	.74	.81	.76	.72	.79	.75	.71	.77	.73	.70	.68
5.0	.79	.72	.67	.78	.71	.67	.75	.70	.66	.73	.69	.65	.72	.68	.64	.63
6.0	.73	.66	.61	.72	.66	.61	.70	.65	.60	.68	.64	.60	.67	.63	.59	.58
7.0	.68	.61	.56	.67	.61	.56	.65	.60	.56	.64	.59	.55	.62	.58	.55	.53
8.0	.63	.56	.52	.62	.56	.52	.61	.55	.51	.60	.55	.51	.58	.54	.50	.49
9.0	.59	.52	.48	.58	.52	.48	.57	.51	.47	.56	.51	.47	.55	.50	.47	.45
10.0	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.52	.47	.43	.42



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.: EVERFINE		SUR.:0.31m*0.31m		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	.200	.114	.036	.192	.110	.035	.178	.102	.033	.165	.095	.031	.153	.089	.029		
2.0	.192	.105	.032	.186	.102	.032	.174	.097	.030	.162	.091	.029	.152	.086	.027		
3.0	.183	.098	.029	.178	.095	.029	.167	.091	.028	.158	.086	.026	.149	.082	.025		
4.0	.175	.091	.027	.170	.089	.026	.161	.085	.025	.152	.082	.025	.144	.078	.024		
5.0	.167	.085	.025	.162	.083	.024	.154	.080	.024	.146	.077	.023	.139	.074	.022		
6.0	.159	.080	.023	.155	.078	.023	.148	.076	.022	.141	.073	.022	.134	.071	.021		
7.0	.152	.075	.021	.148	.074	.021	.142	.072	.021	.135	.069	.020	.130	.067	.020		
8.0	.145	.071	.020	.142	.070	.020	.136	.068	.019	.130	.066	.019	.125	.064	.019		
9.0	.138	.067	.019	.135	.066	.019	.130	.064	.018	.125	.063	.018	.120	.061	.018		
10.0	.132	.063	.018	.130	.063	.017	.125	.061	.017	.120	.060	.017	.116	.058	.017		

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.162	.164	.151	.140	.112	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.178	.152	.129	.153	.130	.112	.105	.090	.078	.060	.053	.046	.019	.017	.015	
3.0	.167	.133	.106	.143	.115	.092	.098	.080	.064	.057	.047	.038	.018	.015	.012	
4.0	.158	.119	.089	.135	.103	.077	.093	.071	.054	.054	.042	.032	.017	.014	.011	
5.0	.150	.107	.076	.129	.093	.066	.089	.065	.047	.051	.038	.028	.017	.012	.009	
6.0	.143	.099	.067	.123	.085	.058	.085	.060	.041	.049	.035	.024	.016	.011	.008	
7.0	.137	.091	.059	.118	.079	.052	.081	.055	.037	.047	.033	.022	.015	.011	.007	
8.0	.132	.085	.053	.113	.074	.047	.078	.052	.033	.046	.031	.020	.015	.010	.007	
9.0	.127	.080	.049	.109	.070	.043	.076	.049	.030	.044	.029	.018	.014	.009	.006	
10.0	.122	.076	.045	.105	.066	.040	.073	.046	.028	.043	.027	.017	.014	.009	.006	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-04-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.:			SERIAL No.:				
MFR.: EVERFINE			SUR.:0.31m*0.31m			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	19.6	20.7	19.9	20.9	21.1	21.1	22.2	21.4	22.4	22.6
3H	19.5	20.5	19.8	20.7	21.0	21.0	21.9	21.3	22.2	22.4
4H	19.5	20.4	19.8	20.6	20.9	20.9	21.8	21.2	22.1	22.4
6H	19.4	20.3	19.8	20.6	20.9	20.9	21.7	21.2	22.0	22.3
8H	19.5	20.3	19.8	20.6	20.9	20.9	21.7	21.2	22.0	22.3
12H	19.5	20.3	19.9	20.6	20.9	20.9	21.7	21.3	22.0	22.3
4H 2H	19.4	20.3	19.7	20.6	20.8	20.8	21.8	21.2	22.0	22.3
3H	19.3	20.1	19.6	20.4	20.7	20.7	21.5	21.1	21.8	22.2
4H	19.3	20.0	19.7	20.3	20.7	20.7	21.4	21.1	21.7	22.1
6H	19.3	20.0	19.8	20.3	20.7	20.7	21.3	21.1	21.7	22.1
8H	19.4	20.0	19.8	20.4	20.8	20.8	21.3	21.2	21.7	22.1
12H	19.5	20.0	20.0	20.4	20.9	20.8	21.4	21.3	21.8	22.2
8H 4H	19.2	19.8	19.6	20.2	20.6	20.6	21.2	21.0	21.6	22.0
6H	19.3	19.8	19.8	20.2	20.7	20.7	21.1	21.1	21.6	22.0
8H	19.4	19.9	19.9	20.3	20.8	20.7	21.2	21.2	21.6	22.1
12H	19.7	20.0	20.2	20.5	21.0	20.9	21.3	21.4	21.7	22.3
12H 4H	19.2	19.7	19.6	20.1	20.5	20.5	21.1	21.0	21.5	21.9
6H	19.3	19.7	19.8	20.2	20.7	20.6	21.0	21.1	21.5	22.0
8H	19.5	19.8	20.0	20.3	20.8	20.7	21.1	21.3	21.6	22.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 5.0					+ 2.2 / - 5.7				
1.5H	+ 4.3 / - 5.1					+ 3.5 / - 6.4				
2.0H	+ 3.1 / - 1.1					+ 6.7 / - 4.1				

CIE Pub.117, 17949 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.0)
Area: 0.096 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:

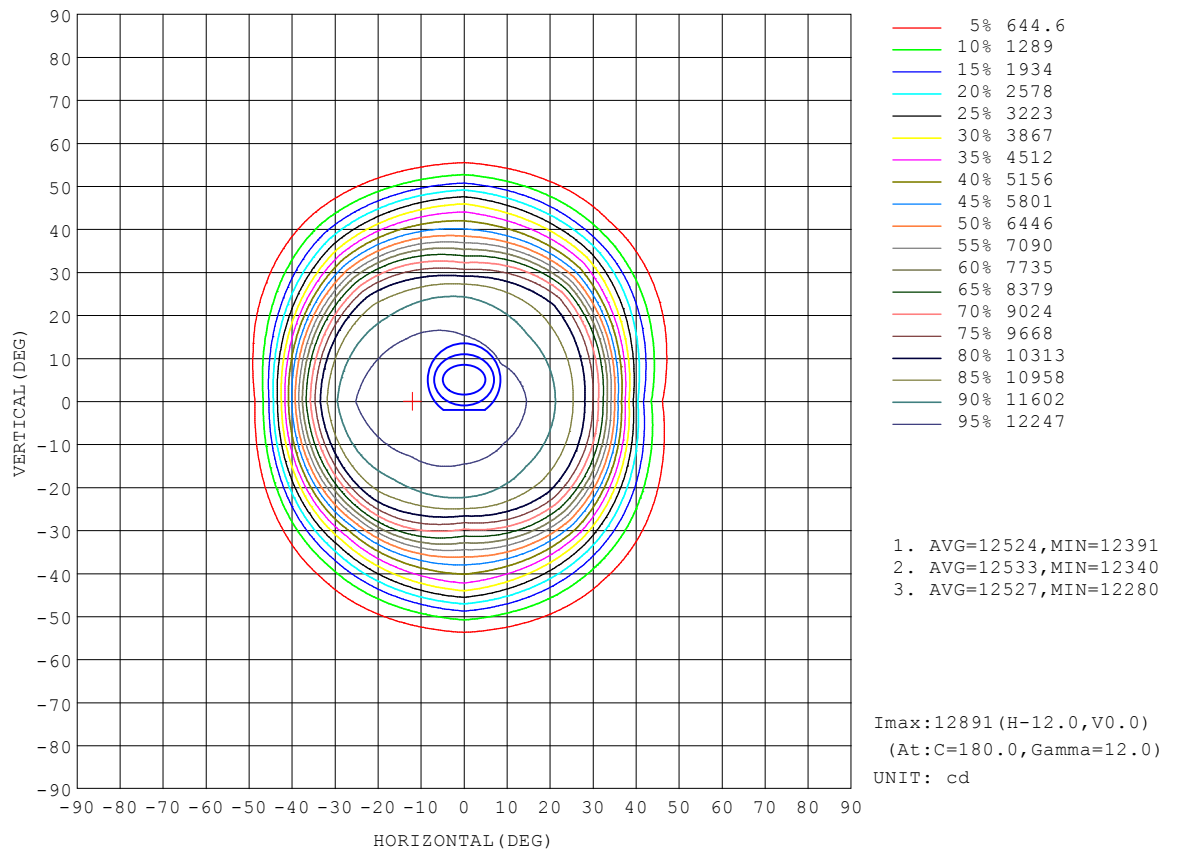
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	73	68	80	73	68	79	72	68	64
0.80	89	82	77	88	81	77	86	80	76	72
1.00	94	88	83	93	87	83	91	87	82	78
1.25	99	93	89	98	92	88	96	91	87	82
1.50	102	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	88
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	105	103	94
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:



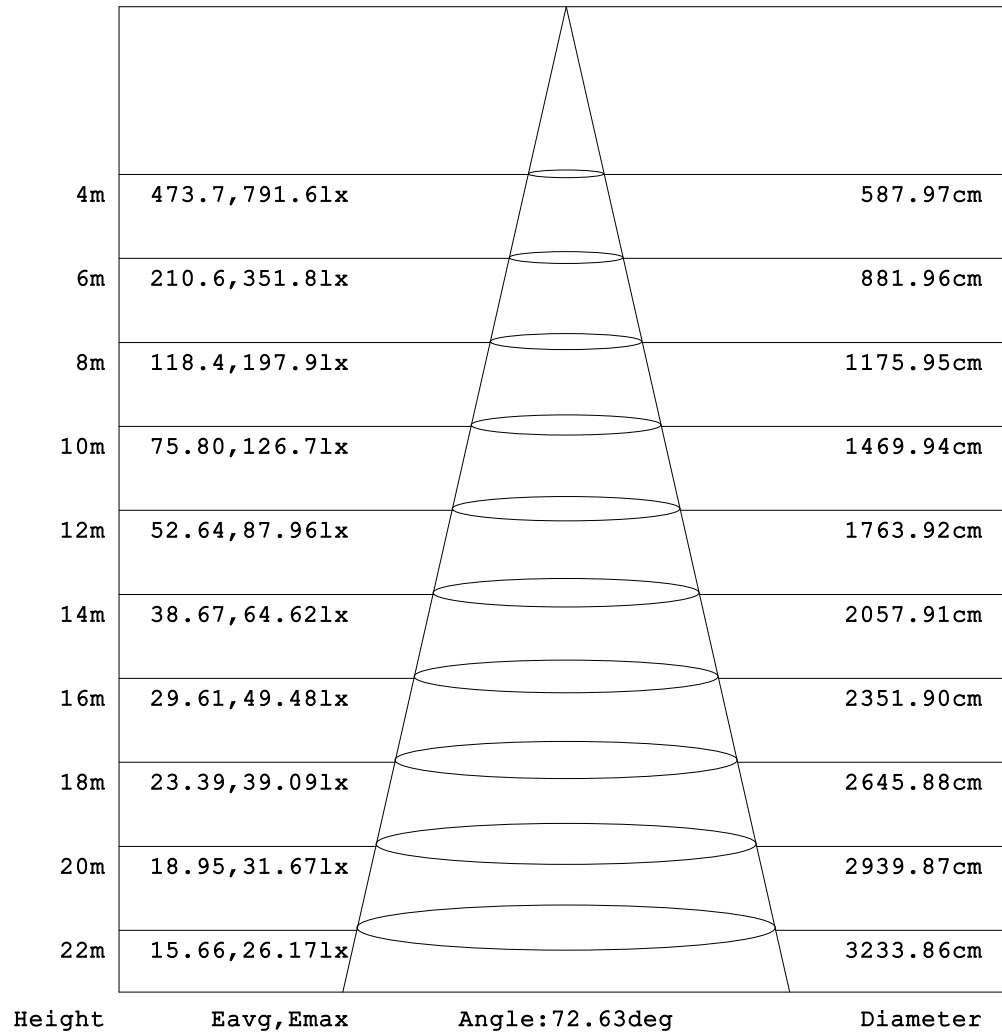
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:

Flux out:13522 lm



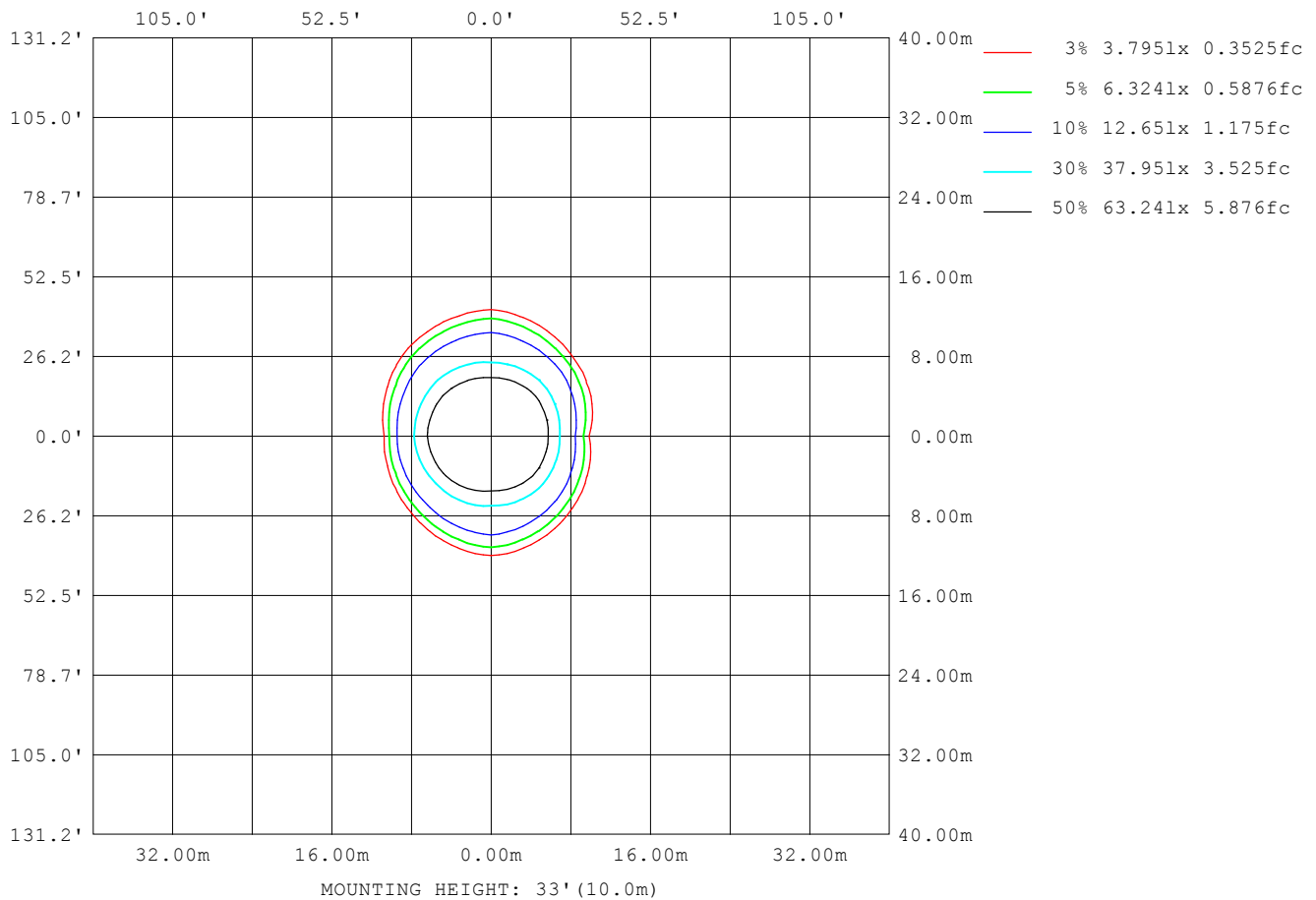
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.31m*0.31m	Shielding Angle:

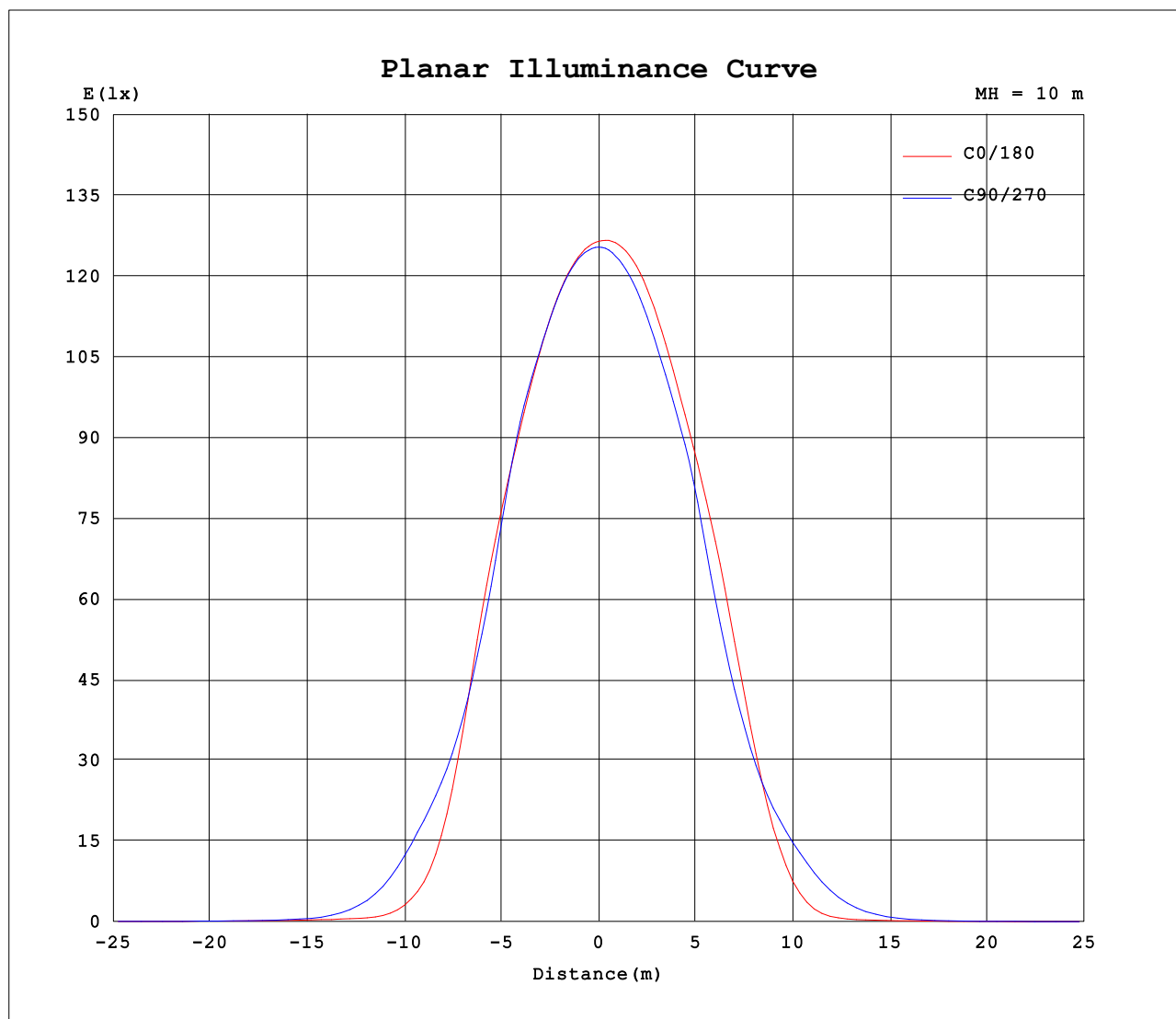
AvgL	cd/m2
L_0~180 (65) av	2349
L_0~180 (75) av	2603
L_0~180 (85) av	5712
L_90~270 (65) av	2834
L_90~270 (75) av	2842
L_90~270 (85) av	6059
L_45 (65) av	2574
L_45 (75) av	2750
L_45 (85) av	5896

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

Planar Illuminance Curve



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C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.68V I:0.7139A P:151.32W PF:0.9692 Freq:50.08Hz Lamp Flux:17948.8x1 lm								
NAME:				TYPE:				WEIGHT:
SPEC.:				DIM.:				SERIAL No.:
MFR.: EVERFINE				SUR.:0.31m*0.31m				Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	1265	1259	1254	1252	1265	1259	1254	1252										
5	1257	1250	1253	1260	1277	1265	1252	1243										
10	1247	1240	1245	1259	1287	1267	1245	1232										
15	1222	1215	1222	1241	1287	1254	1226	1210										
20	1175	1169	1188	1207	1266	1223	1196	1173										
25	1102	1106	1093	1154	1227	1176	1150	1118										
30	964	978	891	1054	1149	1104	993	1037										
35	643	719	688	787	948	929	786	819										
40	279	443	522	484	586	643	582	521										
45	87.2	209	347	244	213	374	417	283										
50	28.6	74.2	150	77.9	38.4	160	221	99.1										
55	20.5	28.9	46.3	29.2	15.1	44.3	72.9	28.3										
60	16.3	18.0	20.6	18.2	9.68	14.9	19.8	12.0										
65	12.9	13.5	14.4	13.9	6.20	7.51	8.60	6.77										
70	10.7	11.2	11.7	11.6	4.64	5.16	5.40	4.74										
75	9.09	9.59	10.0	9.82	3.85	4.11	4.11	3.81										
80	7.82	8.23	8.60	8.34	3.25	3.34	3.34	3.15										
85	6.92	7.27	7.50	7.26	2.64	2.68	2.64	2.52										
90	6.63	6.90	7.10	6.84	2.23	2.25	2.24	2.15										
95	6.71	6.90	7.01	6.76	2.00	2.04	2.06	1.97										
100	7.08	7.16	7.23	6.98	1.86	1.93	2.00	1.90										
105	7.64	7.65	7.68	7.42	1.85	1.96	2.10	1.98										
110	8.34	8.30	8.28	8.02	2.03	2.19	2.35	2.25										
115	9.12	9.03	8.95	8.73	2.44	2.60	2.78	2.70										
120	9.91	9.76	9.62	9.45	3.04	3.20	3.39	3.35										
125	10.6	10.4	10.3	10.1	3.80	3.95	4.17	4.14										
130	11.1	11.0	10.9	10.8	4.67	4.81	5.03	4.99										
135	11.5	11.5	11.4	11.3	5.60	5.73	5.88	5.85										
140	11.9	11.8	11.8	11.7	6.51	6.62	6.68	6.67										
145	12.2	12.2	12.2	12.1	7.34	7.42	7.44	7.42										
150	12.5	12.6	12.6	12.5	7.98	8.06	8.11	8.05										
155	12.9	13.0	12.9	12.8	8.57	8.69	8.80	8.70										
160	13.3	13.3	13.3	13.2	9.27	9.44	9.59	9.48										
165	13.6	13.6	13.5	13.5	10.2	10.4	10.5	10.4										
170	13.8	13.7	13.6	13.6	11.1	11.2	11.4	11.3										
175	13.5	13.4	13.4	13.4	12.1	12.1	12.2	12.1										
180	12.8	12.9	12.9	12.9	12.9	12.8	13.0	12.8										

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