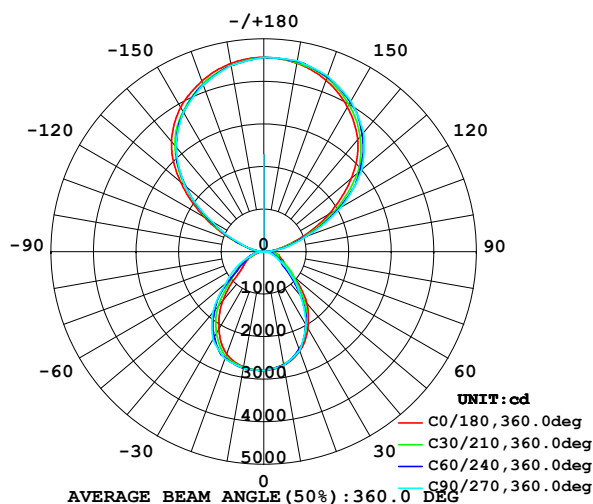


LUMINAIRE PHOTOMETRIC TEST REPORT

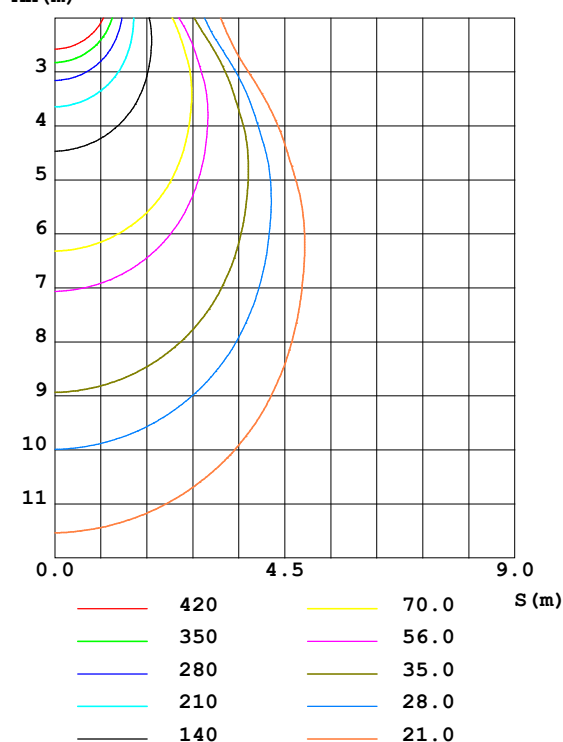
NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.35 lm/W			
MODEL	2835	I _{max} (cd)	4566	S/MH(C0/180)	1.13
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.09
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	17773	η UP,DN(C0-180)	36.4,14.6
NOMINAL FLUX(lm)	17772.7	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	31.9,17.2
LAMPS INSIDE	1	η up(%)	68.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.0	η down(%)	31.7	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	2769	2751	2754	2764	2788	2789	2788	2775	0- 5	66.48	66.48	0.37,0.37
10	2711	2692	2714	2715	2751	2769	2782	2739	5- 10	196.8	263.3	1.48,1.48
15	2616	2601	2592	2628	2680	2726	2731	2678	10- 15	319.5	582.8	3.28,3.28
20	2482	2434	2469	2457	2559	2632	2680	2568	15- 20	427.4	1010	5.68,5.68
25	2302	2238	2229	2251	2368	2504	2535	2434	20- 25	513.2	1523	8.57,8.57
30	2079	1994	1989	1981	2114	2296	2390	2236	25- 30	567.2	2091	11.8,11.8
35	1829	1722	1664	1664	1827	2029	2129	1999	30- 35	587.4	2678	15.1,15.1
40	1576	1426	1339	1306	1487	1749	1869	1749	35- 40	569.7	3248	18.3,18.3
45	1246	1068	1080	966.9	1108	1381	1516	1424	40- 45	513.6	3761	21.2,21.2
50	912.1	793.5	821.5	744.0	739.2	1050	1163	1063	45- 50	430.5	4192	23.6,23.6
55	640.0	652.4	626.0	596.3	588.7	847.7	955.7	817.9	50- 55	351.1	4543	25.6,25.6
60	556.8	514.5	430.5	442.4	494.7	665.7	748.2	647.0	55- 60	291.6	4835	27.2,27.2
65	490.4	422.2	332.2	347.3	390.8	484.3	553.7	525.5	60- 65	238.9	5073	28.5,28.5
70	410.2	349.2	233.8	262.7	284.2	343.8	359.1	409.0	65- 70	193.7	5267	29.6,29.6
75	355.6	301.5	174.5	197.5	212.6	275.7	268.4	333.7	70- 75	157.8	5425	30.5,30.5
80	316.3	226.7	115.1	121.2	131.5	232.8	177.6	276.8	75- 80	127.0	5552	31.2,31.2
85	193.8	72.97	0	30.08	35.61	87.00	0	102.7	80- 85	75.65	5628	31.7,31.7
90	61.28	0	0	0	19.17	0	0	0	85- 90	13.51	5641	31.7,31.7
95	140.5	95.55	0	115.5	87.68	56.29	0.0000	65.53	90- 95	13.35	5655	31.8,31.8
100	296.2	366.6	421.8	420.1	199.6	232.6	183.5	242.0	95-100	99.50	5754	32.4,32.4
105	530.9	620.2	736.0	677.9	407.3	412.6	399.0	406.2	100-105	216.5	5971	33.6,33.6
110	877.3	1018	1050	1057	716.9	691.0	614.4	682.7	105-110	352.9	6323	35.6,35.6
115	1309	1478	1579	1491	1131	1043	1008	1053	110-115	530.4	6854	38.6,38.6
120	1777	1991	2108	1968	1596	1463	1401	1508	115-120	724.9	7579	42.6,42.6
125	2234	2467	2560	2434	2079	1932	1916	1991	120-125	908.0	8487	47.8,47.8
130	2689	2918	3013	2901	2558	2418	2431	2488	125-130	1060	9547	53.7,53.7
135	3099	3262	3332	3238	3006	2831	2827	2902	130-135	1159	10705	60.2,60.2
140	3434	3582	3651	3547	3379	3216	3222	3285	135-140	1199	11905	67,67
145	3702	3820	3871	3803	3671	3518	3503	3562	140-145	1183	13087	73.6,73.6
150	3931	4032	4091	4020	3916	3794	3784	3809	145-150	1120	14207	79.9,79.9
155	4127	4209	4241	4199	4102	4016	3978	4021	150-155	1016	15223	85.7,85.7
160	4286	4349	4392	4331	4266	4182	4173	4192	155-160	878.6	16101	90.6,90.6
165	4409	4468	4471	4451	4397	4334	4307	4345	160-165	713.6	16815	94.6,94.6
170	4497	4524	4551	4516	4492	4438	4442	4443	165-170	526.6	17341	97.6,97.6
175	4549	4552	4559	4551	4549	4513	4504	4512	170-175	322.6	17664	99.4,99.4
180	4566	4566	4566	4566	4566	4566	4566	4566	175-180	108.7	17773	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

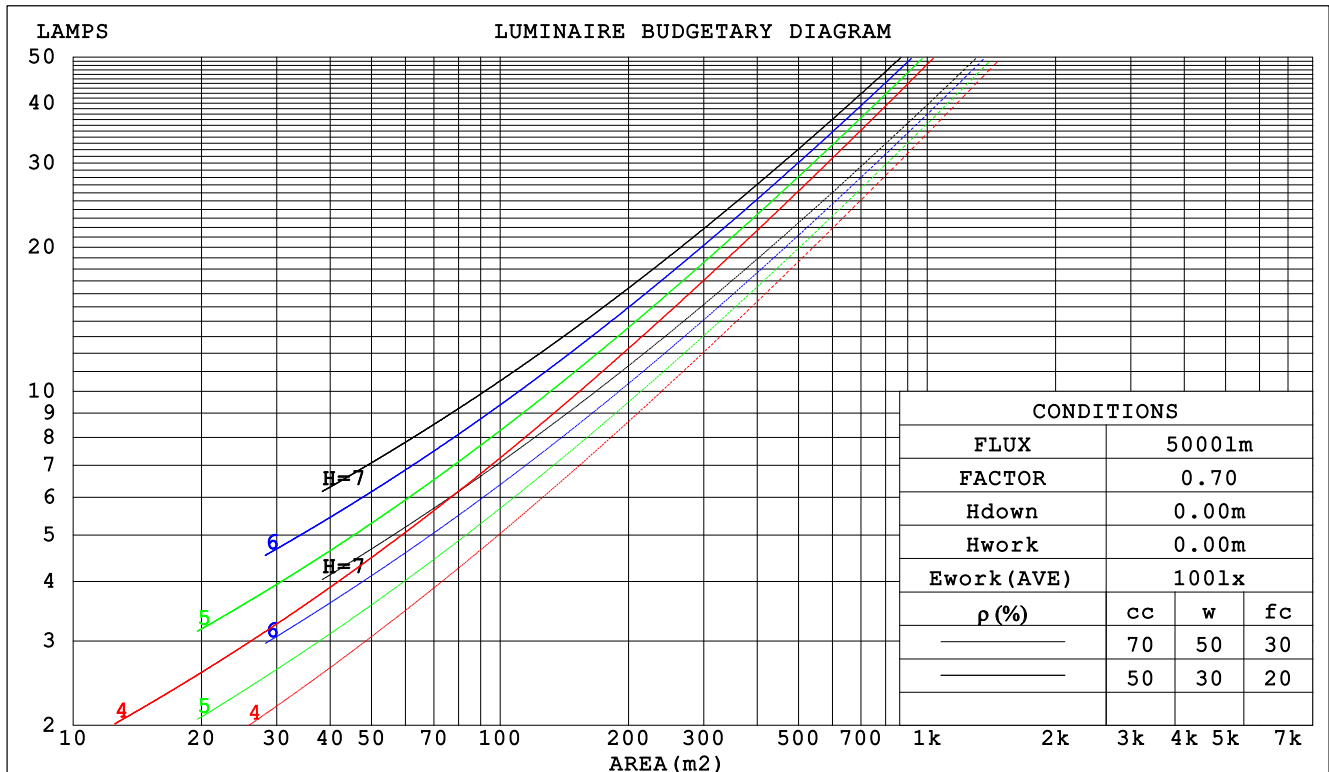
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity:65.0%
 Test Distance:8.100m [K=1.2346]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION 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	1.03	1.03	1.03	.92	.92	.92	.73	.73	.73	.56	.56	.56	.39	.39	.39	.32
1.0	.90	.86	.83	.81	.78	.75	.65	.62	.61	.49	.48	.47	.35	.35	.34	.27
2.0	.79	.73	.68	.71	.67	.62	.57	.54	.51	.44	.42	.40	.32	.30	.29	.24
3.0	.70	.63	.57	.63	.57	.53	.51	.47	.43	.39	.36	.34	.28	.27	.25	.21
4.0	.62	.55	.49	.56	.50	.45	.45	.41	.37	.35	.32	.29	.26	.24	.22	.18
5.0	.55	.48	.42	.50	.44	.39	.41	.36	.32	.32	.28	.26	.23	.21	.20	.16
6.0	.50	.42	.37	.45	.39	.34	.37	.32	.28	.29	.25	.23	.21	.19	.17	.14
7.0	.45	.37	.32	.41	.34	.30	.33	.28	.25	.26	.23	.20	.20	.17	.16	.13
8.0	.41	.33	.28	.37	.31	.26	.30	.26	.22	.24	.21	.18	.18	.16	.14	.12
9.0	.37	.30	.25	.34	.28	.23	.28	.23	.20	.22	.19	.16	.17	.14	.13	.11
10.0	.34	.27	.23	.31	.25	.21	.26	.21	.18	.20	.17	.15	.16	.13	.12	.10



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

WEC AND CCEC

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION 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	.263	.149	.047	.235	.134	.043	.183	.105	.034	.136	.078	.025	.092	.054	.017		
2.0	.243	.133	.041	.218	.120	.037	.171	.095	.030	.128	.072	.022	.088	.050	.016		
3.0	.225	.120	.036	.202	.108	.033	.159	.086	.026	.119	.065	.020	.082	.045	.014		
4.0	.209	.109	.032	.188	.098	.029	.148	.079	.023	.111	.060	.018	.077	.042	.013		
5.0	.194	.099	.029	.175	.090	.026	.138	.072	.021	.104	.055	.016	.072	.039	.012		
6.0	.181	.091	.026	.163	.083	.024	.129	.066	.019	.098	.051	.015	.068	.036	.011		
7.0	.170	.084	.024	.153	.076	.022	.121	.061	.018	.092	.047	.014	.064	.033	.010		
8.0	.159	.078	.022	.144	.071	.020	.114	.057	.016	.086	.044	.013	.060	.031	.009		
9.0	.150	.072	.020	.135	.066	.019	.108	.053	.015	.082	.041	.012	.057	.029	.008		
10.0	.141	.068	.019	.128	.062	.017	.102	.050	.014	.077	.038	.011	.054	.027	.008		

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	.711	.711	.711	.607	.607	.607	.414	.414	.414	.238	.238	.238	.076	.076	.076		
1.0	.701	.681	.662	.600	.584	.570	.411	.402	.394	.236	.233	.229	.076	.075	.074		
2.0	.694	.660	.632	.594	.568	.546	.407	.393	.381	.235	.229	.223	.075	.074	.073		
3.0	.687	.645	.611	.589	.556	.530	.404	.386	.372	.233	.226	.219	.075	.073	.072		
4.0	.680	.633	.597	.584	.547	.519	.401	.381	.365	.232	.223	.216	.075	.073	.071		
5.0	.674	.624	.587	.579	.540	.511	.399	.377	.361	.231	.221	.214	.074	.072	.071		
6.0	.668	.617	.580	.574	.534	.505	.396	.374	.358	.230	.220	.213	.074	.072	.070		
7.0	.662	.611	.575	.570	.530	.501	.394	.371	.355	.229	.219	.211	.074	.072	.070		
8.0	.657	.606	.571	.566	.526	.498	.391	.369	.353	.228	.218	.210	.074	.071	.070		
9.0	.652	.602	.568	.562	.522	.495	.389	.367	.352	.227	.217	.210	.073	.071	.069		
10.0	.647	.598	.565	.558	.519	.493	.387	.365	.351	.226	.216	.209	.073	.071	.069		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity: 65.0%
 Test Distance: 8.100m [K=1.2346]
 Remarks:

Uncorrected UGR Table

NAME: FS0057						TYPE:					WEIGHT:				
SPEC.:						DIM.:					SERIAL No.:				
MFR.: EVERFINE						SUR.:					PROTECTION 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	14.4	15.2	15.4	16.2	17.5	13.3	14.1	14.3	15.1	16.4					
3H	15.7	16.4	16.7	17.4	18.8	14.1	14.8	15.1	15.8	17.2					
4H	16.6	17.2	17.6	18.3	19.7	14.4	15.0	15.4	16.1	17.5					
6H	17.6	18.2	18.7	19.3	20.7	14.6	15.2	15.7	16.3	17.7					
8H	17.9	18.5	19.0	19.6	21.0	14.6	15.2	15.7	16.3	17.7					
12H	18.1	18.7	19.2	19.8	21.2	14.5	15.1	15.6	16.2	17.6					
4H 2H	14.4	15.1	15.5	16.1	17.5	13.6	14.2	14.6	15.3	16.7					
3H	16.0	16.5	17.1	17.6	19.0	14.6	15.1	15.6	16.2	17.6					
4H	17.2	17.6	18.3	18.7	20.2	15.0	15.5	16.1	16.6	18.0					
6H	18.4	18.8	19.5	19.9	21.4	15.4	15.8	16.5	16.9	18.4					
8H	18.7	19.1	19.9	20.2	21.7	15.4	15.8	16.5	16.9	18.4					
12H	19.0	19.3	20.1	20.4	22.0	15.3	15.7	16.5	16.8	18.3					
8H 4H	17.3	17.7	18.4	18.8	20.3	15.4	15.8	16.6	16.9	18.4					
6H	18.8	19.1	20.0	20.3	21.8	16.1	16.4	17.2	17.5	19.0					
8H	19.3	19.6	20.4	20.7	22.3	16.2	16.4	17.3	17.6	19.1					
12H	19.6	19.9	20.8	21.0	22.6	16.1	16.3	17.3	17.5	19.0					
12H 4H	17.3	17.6	18.4	18.7	20.3	15.6	15.9	16.7	17.0	18.6					
6H	18.9	19.1	20.0	20.3	21.8	16.3	16.6	17.5	17.7	19.3					
8H	19.4	19.6	20.6	20.8	22.3	16.5	16.7	17.6	17.9	19.4					
Variations with the observer position at spacings:															
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4									
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3									
2.0H	+ 0.2 / - 0.2					+ 0.5 / - 0.5									

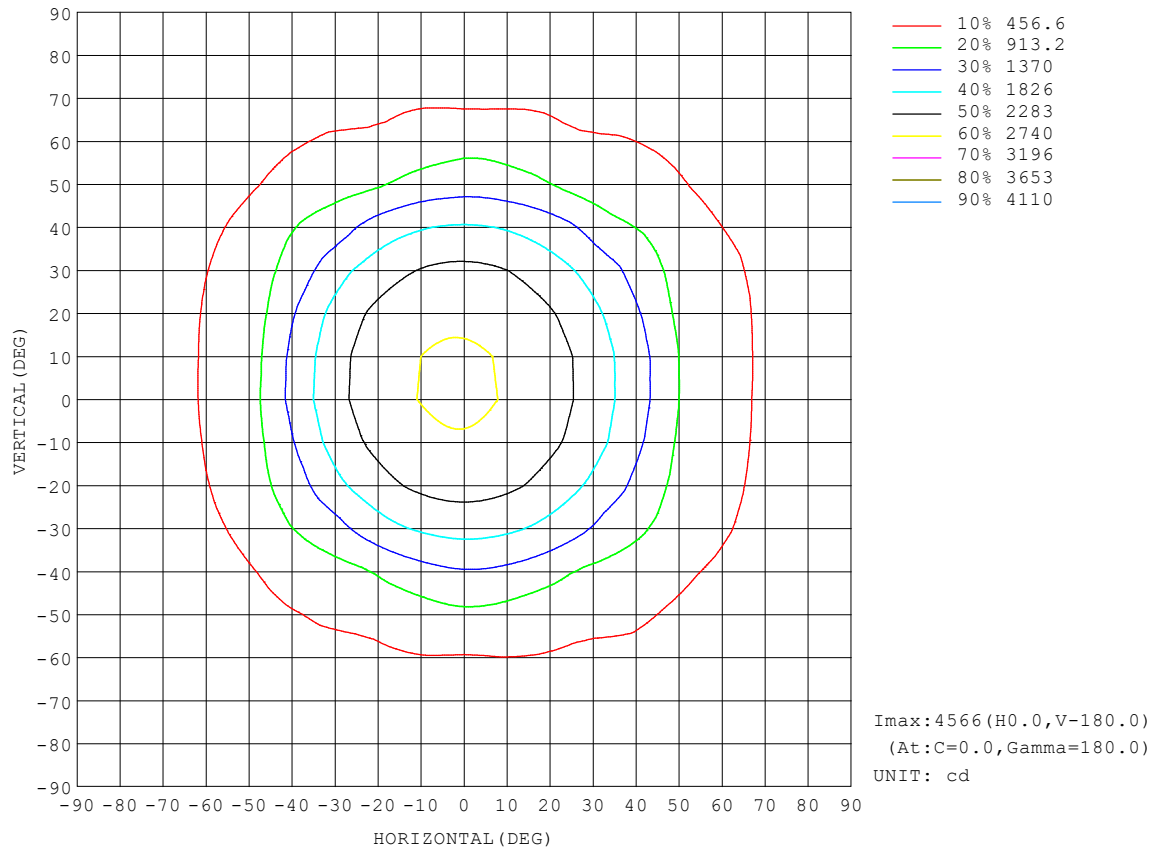
CIE Pub.117 Corrected 17773 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity:65.0%
 Test Distance:8.100m [K=1.2346]
 Remarks:

ISOCANDELA DIAGRAM

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

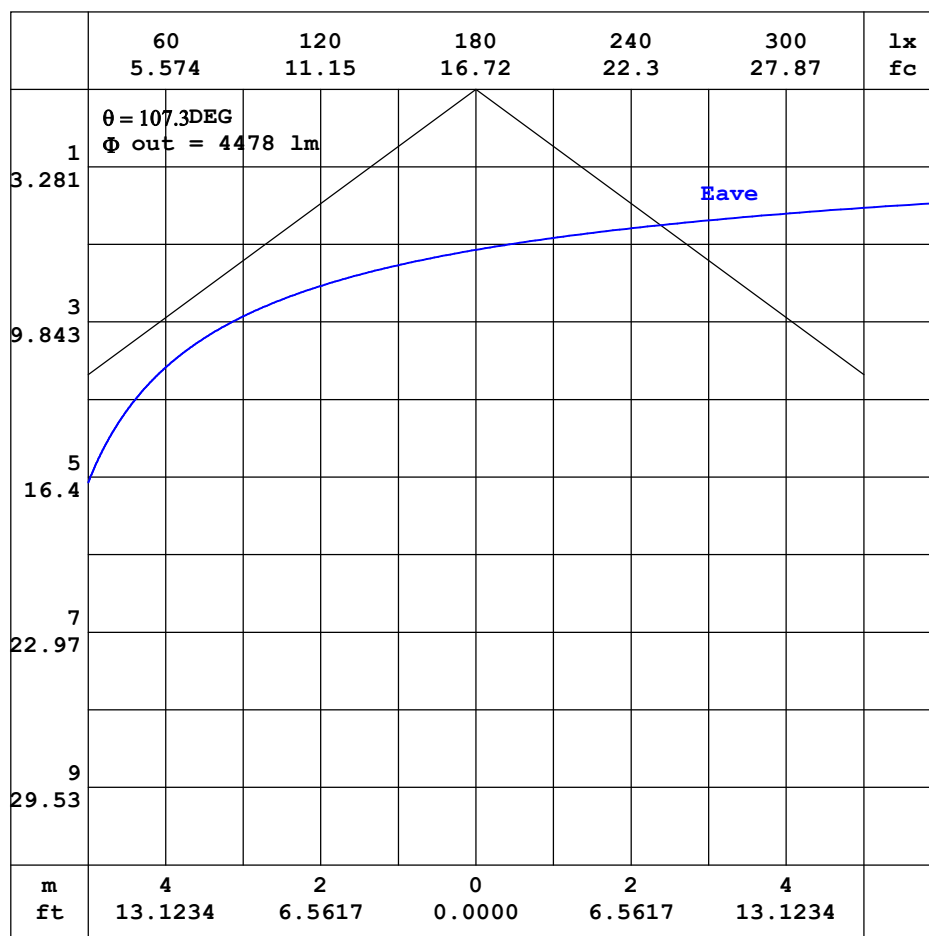


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.100m [K=1.2346]
Remarks:

AAI CURVES

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



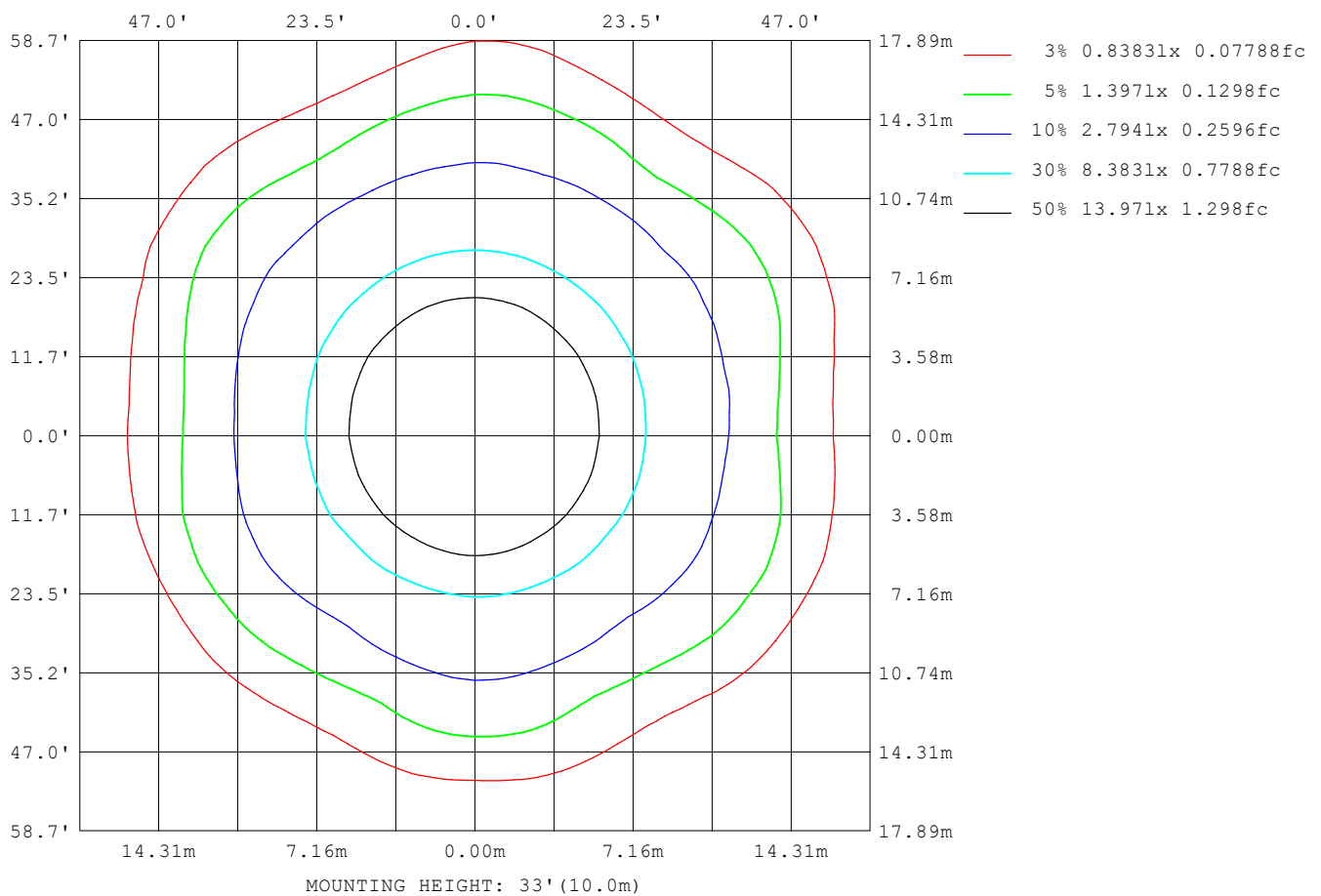
Note: The Curves indicate the illuminated area and the average illuminance when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.100m [K=1.2346]
Remarks:

ISOLUX DIAGRAM

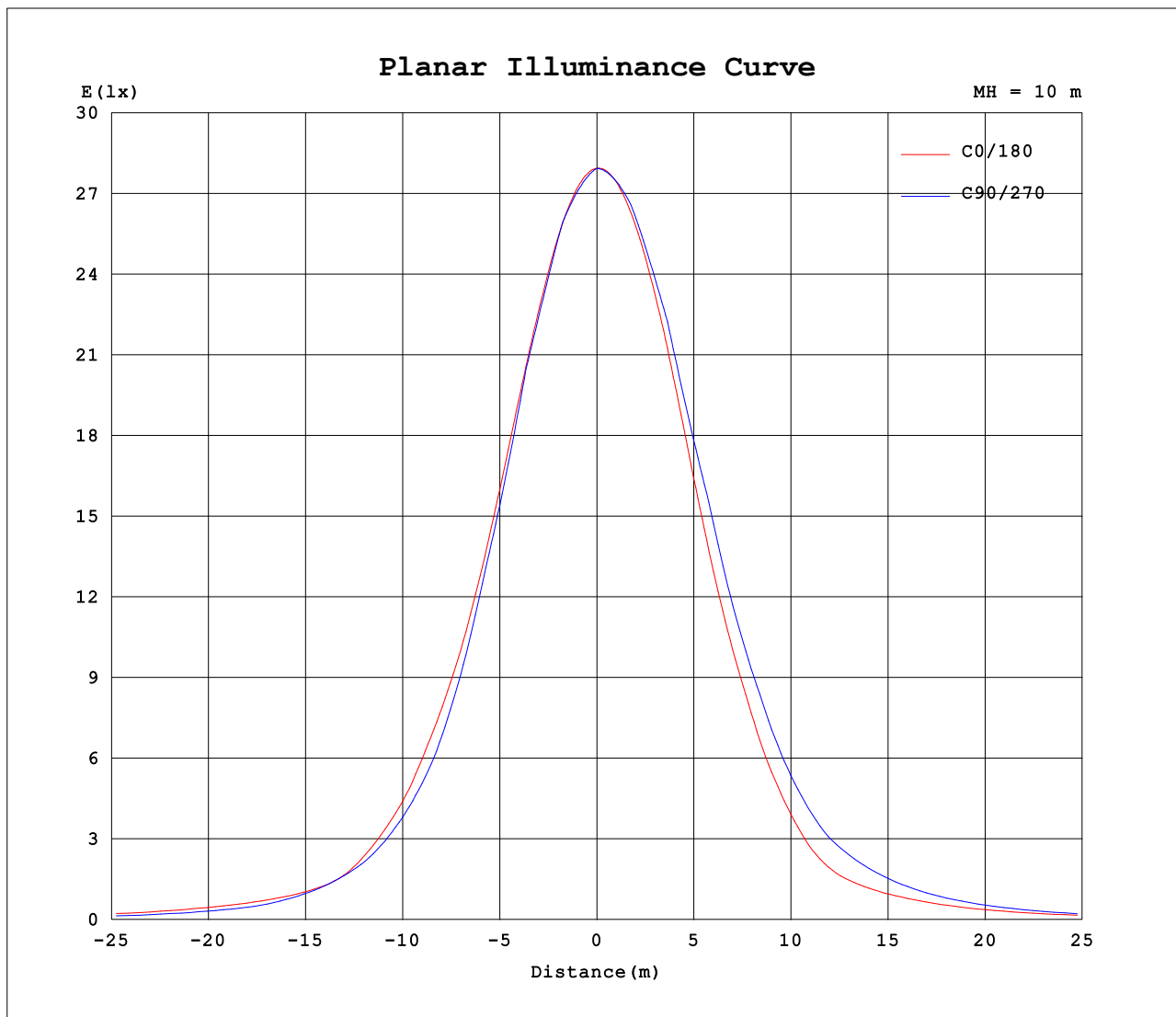
NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.100m [K=1.2346]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794
5	2769	2766	2763	2760	2758	2756	2754	2753	2752	2751	2751	2751	2751	2752	2752	2752	2753	2754	2754
10	2711	2704	2699	2694	2691	2690	2689	2689	2690	2692	2694	2697	2700	2703	2706	2709	2711	2713	2714
15	2616	2605	2598	2593	2591	2592	2595	2600	2606	2601	2595	2590	2588	2587	2587	2587	2589	2590	2592
20	2482	2467	2457	2453	2453	2458	2461	2447	2439	2434	2432	2435	2440	2445	2451	2457	2462	2466	2469
25	2302	2282	2271	2268	2273	2264	2247	2239	2236	2238	2247	2244	2236	2232	2230	2229	2229	2229	2229
30	2079	2057	2047	2048	2041	2019	2008	2007	2006	1994	1985	1980	1978	1979	1982	1985	1989	1990	1989
35	1829	1809	1804	1809	1784	1770	1766	1744	1727	1722	1719	1721	1699	1683	1674	1670	1669	1669	1664
40	1576	1552	1551	1532	1513	1515	1468	1434	1432	1426	1393	1369	1354	1345	1339	1339	1343	1345	1339
45	1246	1212	1209	1178	1160	1170	1151	1101	1092	1068	1021	999	1013	1026	1039	1054	1072	1082	1080
50	912	896	899	919	926	938	931	899	857	794	757	741	743	742	754	778	806	820	822
55	640	665	698	748	767	781	752	734	702	652	601	554	538	551	577	607	628	630	626
60	557	567	577	585	594	577	566	554	535	514	490	468	460	466	472	472	465	442	430
65	490	488	484	477	458	429	408	401	421	422	400	383	377	377	377	369	361	343	332
70	410	414	422	417	398	356	341	341	346	349	327	299	281	281	282	271	260	245	234
75	356	367	385	387	378	364	337	328	324	301	264	234	217	212	205	195	189	181	174
80	316	311	276	271	300	285	297	286	258	227	205	197	184	161	136	121	118	116	115
85	194	128	124	128	143	178	175	133	100	73.0	53.0	39.9	27.1	15.8	8.24	4.07	1.78	0.44	0.00
90	61.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	141	133	130	133	140	147	146	129	114	95.6	79.8	65.3	50.8	37.1	24.6	14.2	6.37	1.60	0.00
100	296	298	299	303	306	316	316	338	354	367	379	393	406	417	423	426	425	422	422
105	531	543	555	561	576	582	594	613	621	620	633	662	689	713	732	742	743	740	736
110	877	902	916	932	948	969	986	992	997	1018	1034	1050	1065	1079	1086	1084	1074	1061	1050
115	1309	1349	1364	1394	1408	1428	1447	1470	1473	1478	1487	1507	1541	1571	1593	1603	1601	1591	1579
120	1777	1821	1833	1857	1901	1908	1935	1946	1967	1991	2002	2019	2041	2069	2095	2115	2123	2120	2108
125	2234	2276	2303	2328	2353	2398	2406	2438	2451	2467	2489	2526	2548	2560	2570	2576	2576	2570	2560
130	2689	2727	2774	2777	2798	2831	2874	2871	2891	2918	2916	2925	2946	2971	2994	3009	3017	3018	3013
135	3099	3128	3186	3175	3188	3200	3226	3264	3257	3262	3274	3297	3307	3317	3328	3334	3336	3335	3332
140	3434	3453	3490	3502	3502	3516	3522	3538	3563	3582	3581	3587	3599	3614	3630	3640	3646	3650	3651
145	3702	3715	3744	3780	3769	3770	3783	3792	3803	3820	3843	3865	3868	3870	3874	3871	3869	3871	3871
150	3931	3941	3962	3992	4007	3995	3997	4011	4028	4032	4040	4052	4064	4077	4087	4083	4086	4090	4091
155	4127	4129	4139	4154	4176	4185	4185	4189	4197	4209	4224	4229	4231	4236	4236	4237	4239	4241	4241
160	4286	4287	4292	4302	4315	4332	4347	4345	4346	4349	4353	4358	4364	4371	4378	4383	4388	4390	4392
165	4409	4410	4412	4417	4425	4434	4445	4456	4468	4468	4466	4466	4467	4468	4469	4470	4471	4471	4471
170	4497	4497	4497	4499	4501	4505	4509	4513	4518	4524	4529	4534	4538	4542	4546	4549	4550	4551	4551
175	4549	4548	4548	4548	4548	4549	4549	4550	4551	4552	4553	4554	4555	4556	4557	4557	4558	4558	4559
180	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794
5	2755	2756	2757	2758	2759	2760	2761	2762	2764	2766	2768	2770	2772	2775	2778	2781	2784	2788	2788
10	2716	2716	2716	2716	2716	2715	2715	2714	2715	2715	2716	2718	2721	2725	2730	2736	2743	2751	2750
15	2593	2595	2597	2598	2601	2605	2611	2618	2628	2637	2635	2634	2635	2638	2644	2654	2666	2680	2679
20	2469	2468	2465	2461	2457	2453	2451	2453	2457	2465	2479	2498	2499	2499	2506	2518	2536	2559	2559
25	2228	2228	2227	2229	2232	2239	2249	2255	2251	2251	2255	2268	2287	2299	2302	2315	2337	2368	2368
30	1984	1978	1970	1964	1961	1962	1966	1973	1981	2002	2006	2009	2022	2040	2050	2059	2080	2114	2113
35	1655	1644	1637	1636	1642	1658	1676	1669	1664	1673	1704	1743	1740	1748	1771	1774	1792	1827	1828
40	1322	1301	1285	1276	1270	1273	1281	1296	1306	1302	1338	1388	1399	1384	1404	1422	1440	1487	1491
45	1060	1027	996	966	939	903	893	934	967	994	1027	1053	1049	1049	1042	1029	1060	1108	1121
50	799	760	724	693	684	680	686	708	744	794	825	850	850	849	832	794	759	739	739
55	618	599	568	535	516	515	535	567	596	617	624	640	648	639	640	612	596	589	588
60	442	454	451	442	427	426	436	447	442	447	445	435	449	468	480	485	488	495	496
65	346	352	351	346	333	329	340	351	347	328	299	306	327	358	382	391	388	391	397
70	253	253	254	247	233	232	247	262	263	256	254	253	268	291	303	307	297	284	287
75	183	180	179	172	161	159	169	182	198	207	209	217	225	228	221	219	225	213	211
80	113	109	106	107	108	107	109	113	121	131	134	122	129	115	103	99.7	105	132	138
85	0.43	1.64	3.55	6.33	10.1	14.3	19.0	24.5	30.1	34.4	37.3	38.5	40.1	40.1	33.7	31.9	29.7	35.6	79.9
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.2	0.00
95	1.61	6.51	14.8	26.7	41.8	59.5	77.7	96.8	116	135	154	171	164	152	136	124	108	87.7	69.8
100	425	433	443	453	459	460	450	437	420	400	378	347	332	304	280	252	220	200	139
105	734	735	738	741	740	733	718	694	678	667	645	614	584	547	515	474	434	407	379
110	1045	1050	1061	1075	1087	1094	1093	1081	1057	1022	996	961	919	886	839	794	749	717	684
115	1568	1563	1561	1561	1557	1548	1531	1513	1491	1462	1425	1386	1353	1302	1253	1220	1161	1131	1088
120	2090	2075	2061	2051	2040	2028	2013	1992	1968	1929	1895	1868	1806	1763	1717	1675	1622	1596	1551
125	2548	2541	2537	2535	2532	2524	2502	2464	2434	2405	2370	2311	2260	2221	2199	2131	2089	2079	2024
130	3003	2994	2985	2972	2956	2938	2922	2910	2901	2844	2792	2757	2715	2692	2647	2594	2560	2558	2501
135	3326	3322	3319	3316	3316	3319	3308	3272	3238	3210	3194	3154	3137	3116	3061	3032	3002	3006	2951
140	3647	3641	3630	3619	3605	3590	3576	3559	3547	3525	3504	3494	3488	3439	3409	3388	3372	3379	3327
145	3868	3863	3856	3849	3842	3836	3832	3815	3803	3792	3789	3781	3740	3711	3695	3673	3664	3671	3626
150	4087	4081	4070	4059	4048	4037	4029	4023	4020	4036	4016	3987	3965	3949	3931	3915	3910	3916	3876
155	4239	4236	4231	4226	4221	4219	4217	4213	4199	4184	4170	4162	4157	4143	4122	4108	4102	4102	4073
160	4390	4386	4379	4373	4364	4355	4347	4339	4331	4325	4322	4321	4306	4290	4278	4269	4265	4266	4243
165	4470	4468	4466	4463	4461	4457	4455	4453	4451	4448	4436	4425	4415	4407	4401	4397	4396	4397	4381
170	4550	4547	4544	4541	4537	4533	4528	4522	4516	4510	4505	4501	4497	4494	4491	4490	4491	4492	4481
175	4558	4558	4558	4557	4556	4555	4553	4552	4551	4550	4550	4549	4548	4548	4548	4548	4549	4549	4544
180	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794
5	2787	2787	2787	2787	2788	2788	2789	2789	2789	2790	2790	2790	2790	2790	2789	2789	2788	2787	2786
10	2751	2752	2753	2756	2759	2762	2766	2769	2772	2776	2779	2781	2783	2784	2784	2784	2782	2780	2777
15	2681	2684	2690	2697	2706	2715	2724	2726	2727	2730	2732	2733	2735	2736	2735	2734	2731	2727	2722
20	2563	2572	2585	2601	2617	2619	2625	2632	2642	2652	2661	2670	2677	2682	2684	2683	2680	2673	2664
25	2376	2394	2419	2437	2447	2462	2481	2504	2530	2533	2532	2533	2535	2538	2539	2538	2535	2529	2520
30	2127	2154	2181	2200	2226	2258	2288	2296	2303	2315	2327	2343	2358	2373	2385	2391	2390	2383	2370
35	1846	1878	1898	1932	1976	1994	2011	2029	2053	2077	2091	2100	2110	2119	2127	2130	2129	2125	2117
40	1522	1554	1591	1647	1662	1692	1725	1749	1753	1777	1801	1820	1835	1848	1860	1867	1869	1865	1855
45	1167	1179	1224	1262	1279	1334	1382	1381	1397	1452	1486	1487	1490	1497	1503	1508	1516	1517	1508
50	763	827	889	948	985	1028	1065	1050	1058	1078	1081	1083	1100	1124	1138	1145	1163	1167	1152
55	605	638	680	743	804	851	858	848	818	777	752	767	806	851	891	926	956	957	931
60	512	530	555	579	623	639	654	666	649	623	595	578	578	605	653	707	748	751	724
65	416	433	439	438	427	427	457	484	492	485	471	461	467	493	525	546	554	554	550
70	312	334	343	331	302	286	294	344	380	392	389	394	404	417	413	389	359	359	386
75	237	262	274	272	243	239	252	276	293	300	292	291	301	314	308	292	268	265	287
80	161	183	204	224	236	223	224	233	231	214	188	172	185	205	203	195	178	172	191
85	98.1	104	110	127	125	125	111	87.0	62.6	40.8	24.9	15.4	10.8	6.90	3.08	0.74	0.00	0.65	2.89
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	80.6	79.8	89.9	99.7	104	89.6	71.7	56.3	44.0	33.3	24.1	17.0	11.2	6.35	2.83	0.70	0.00	0.69	2.76
100	138	155	178	207	238	246	239	233	226	218	210	204	201	196	191	186	183	184	186
105	332	337	359	401	432	436	428	413	405	407	409	412	414	414	411	405	399	395	393
110	676	668	679	683	699	700	687	691	690	686	680	674	665	654	640	626	614	608	610
115	1088	1067	1063	1064	1059	1049	1052	1043	1027	1016	1027	1038	1044	1044	1036	1023	1008	994	986
120	1539	1526	1517	1505	1504	1489	1473	1463	1460	1459	1458	1461	1461	1455	1441	1421	1401	1383	1375
125	2006	2018	1988	1977	1965	1962	1947	1932	1923	1925	1938	1950	1957	1957	1948	1933	1916	1901	1893
130	2481	2474	2469	2448	2440	2421	2413	2418	2404	2395	2401	2415	2430	2442	2446	2442	2431	2417	2402
135	2930	2907	2917	2894	2872	2875	2843	2831	2831	2848	2848	2846	2844	2843	2840	2835	2827	2818	2812
140	3299	3278	3271	3280	3247	3227	3218	3216	3199	3195	3201	3207	3215	3221	3225	3225	3222	3216	3210
145	3597	3581	3563	3557	3562	3544	3527	3518	3521	3528	3522	3515	3511	3508	3506	3505	3503	3501	3500
150	3847	3830	3815	3804	3800	3806	3811	3794	3784	3780	3777	3775	3776	3778	3781	3783	3784	3783	3782
155	4050	4036	4030	4023	4014	4010	4011	4016	4024	4010	3994	3986	3982	3978	3978	3978	3978	3978	3980
160	4226	4213	4206	4203	4203	4194	4188	4182	4175	4171	4170	4169	4169	4169	4170	4171	4173	4172	4173
165	4367	4356	4349	4343	4341	4340	4341	4334	4327	4321	4316	4312	4309	4307	4307	4307	4307	4308	4309
170	4471	4463	4456	4450	4445	4442	4439	4438	4437	4437	4437	4438	4438	4439	4440	4441	4442	4442	4442
175	4538	4534	4529	4525	4521	4518	4515	4513	4511	4509	4508	4507	4506	4505	4504	4504	4504	4504	4504
180	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0057	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794	2794				
5	2785	2783	2782	2780	2778	2776	2775	2773	2772	2771	2770	2769	2768	2768	2769				
10	2773	2768	2763	2757	2751	2745	2739	2733	2727	2722	2718	2714	2712	2710	2710				
15	2716	2709	2703	2696	2689	2683	2678	2673	2660	2648	2637	2629	2622	2617	2615				
20	2652	2640	2625	2610	2596	2581	2568	2557	2548	2543	2527	2511	2497	2488	2483				
25	2510	2499	2488	2479	2470	2458	2434	2410	2391	2377	2370	2357	2333	2315	2304				
30	2353	2333	2311	2288	2267	2250	2236	2227	2200	2172	2154	2148	2129	2100	2084				
35	2107	2095	2080	2066	2052	2022	1999	1977	1962	1948	1917	1898	1892	1859	1836				
40	1842	1827	1809	1793	1775	1760	1749	1733	1706	1691	1677	1645	1630	1614	1586				
45	1502	1501	1501	1505	1500	1456	1424	1425	1454	1403	1375	1352	1318	1308	1262				
50	1144	1144	1133	1117	1112	1099	1063	1092	1107	1068	1056	1016	980	976	932				
55	898	867	821	762	741	778	818	860	890	882	857	807	743	686	651				
60	675	632	600	584	587	609	647	697	716	727	695	667	614	581	560				
65	531	501	473	464	474	499	526	537	528	519	522	519	524	515	500				
70	413	426	419	407	400	411	409	385	371	366	376	412	437	437	423				
75	312	330	326	318	314	329	334	330	315	302	323	362	384	387	364				
80	212	225	212	201	219	253	277	298	304	319	330	335	339	337	325				
85	7.21	13.5	19.5	26.2	41.2	67.1	103	153	203	232	211	215	188	180	194				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
95	6.20	11.0	16.9	24.7	35.2	48.6	65.5	86.1	111	138	134	123	119	116	106				
100	190	196	201	211	223	235	242	245	246	242	247	238	229	233	266				
105	393	396	398	401	403	402	406	417	426	429	440	453	466	490	511				
110	618	631	648	664	677	684	683	675	701	723	735	759	789	817	849				
115	985	989	996	1002	1003	1027	1053	1077	1092	1114	1142	1171	1210	1240	1284				
120	1380	1395	1418	1444	1469	1490	1508	1528	1555	1585	1611	1658	1672	1709	1754				
125	1894	1905	1922	1942	1958	1971	1991	2017	2043	2066	2104	2115	2143	2177	2209				
130	2392	2391	2398	2412	2431	2458	2488	2494	2516	2555	2556	2570	2596	2645	2660				
135	2813	2824	2843	2868	2887	2887	2902	2931	2971	2962	2973	2996	3019	3073	3070				
140	3208	3209	3214	3221	3233	3253	3285	3295	3298	3312	3336	3349	3381	3405	3409				
145	3505	3513	3526	3544	3561	3560	3562	3573	3590	3611	3621	3644	3681	3676	3681				
150	3782	3783	3786	3788	3792	3798	3809	3827	3836	3850	3869	3896	3907	3905	3913				
155	3982	3987	3993	4002	4012	4021	4021	4025	4034	4048	4069	4085	4091	4099	4110				
160	4174	4174	4175	4176	4180	4185	4192	4201	4214	4230	4233	4236	4242	4252	4267				
165	4311	4314	4317	4322	4328	4335	4345	4354	4354	4356	4359	4364	4371	4381	4394				
170	4441	4441	4441	4441	4441	4442	4443	4444	4447	4450	4455	4461	4468	4477	4486				
175	4505	4505	4506	4507	4509	4510	4512	4515	4518	4521	4525	4529	4533	4538	4543				
180	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566	4566				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks: