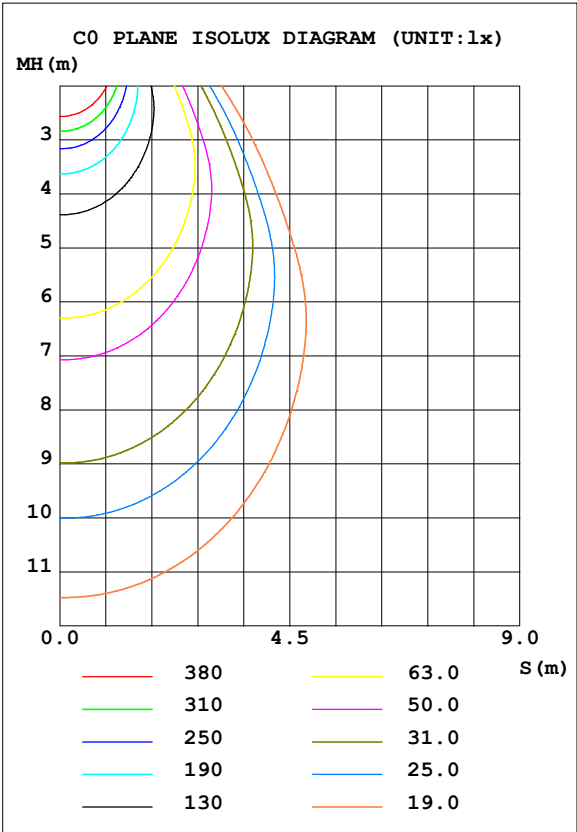
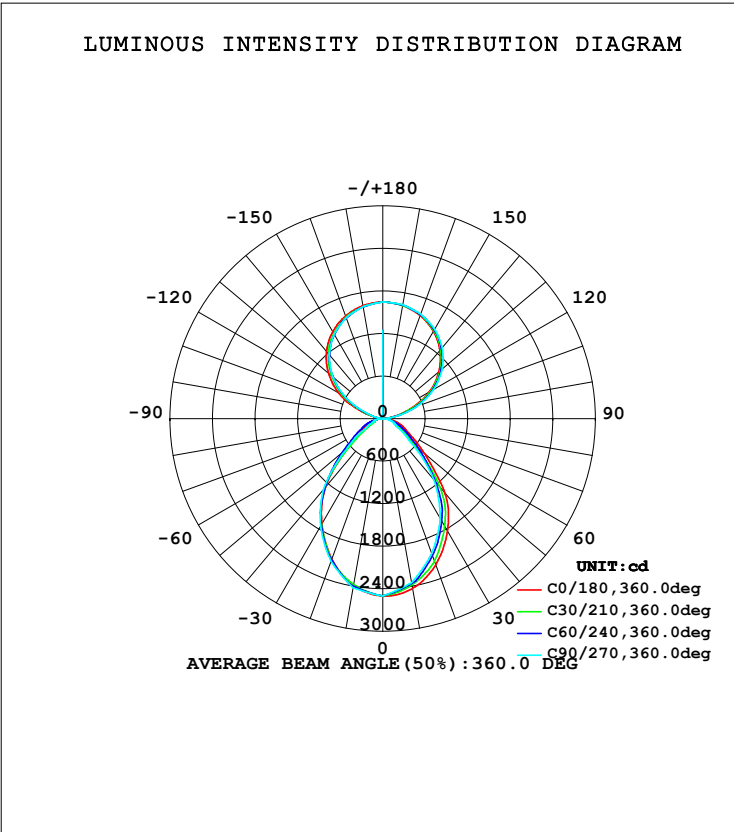


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.39 lm/W			
MODEL	2835	I _{max} (cd)	2502	S/MH (C0/180)	1.11
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.01
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	8865.4	η UP, DN (C0-180)	27.5, 23.2
NOMINAL FLUX (lm)	8865.38	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	24.2, 25.1
LAMPS INSIDE	1	η up (%)	51.7	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220.0	η down (%)	48.3	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-15

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	2489	2444	2425	2427	2467	2453	2461	2469	0- 5	59.07	59.07	0.67,0.67
10	2431	2366	2348	2332	2388	2384	2421	2415	5- 10	172.8	231.9	2.62,2.62
15	2330	2257	2186	2206	2265	2280	2281	2328	10- 15	275.3	507.1	5.72,5.72
20	2191	2084	2023	2023	2106	2109	2140	2167	15- 20	359.1	866.2	9.77,9.77
25	2020	1903	1823	1837	1920	1934	1948	1996	20- 25	421.6	1288	14.5,14.5
30	1827	1703	1623	1633	1718	1737	1756	1801	25- 30	460.3	1748	19.7,19.7
35	1618	1482	1372	1403	1504	1519	1530	1591	30- 35	474.5	2223	25.1,25.1
40	1359	1224	1122	1151	1250	1283	1305	1356	35- 40	458.6	2681	30.2,30.2
45	1029	911.9	809.5	855.6	935.0	989.0	984.9	1043	40- 45	404.4	3086	34.8,34.8
50	773.5	623.8	497.3	578.7	640.8	687.1	664.8	738.2	45- 50	319.6	3405	38.4,38.4
55	580.3	455.7	359.7	416.7	441.6	472.8	469.8	526.4	50- 55	238.4	3644	41.1,41.1
60	437.6	328.1	222.1	294.1	332.3	312.5	274.7	363.2	55- 60	178.2	3822	43.1,43.1
65	349.9	263.6	189.7	237.1	285.9	239.4	210.9	280.5	60- 65	136.6	3958	44.6,44.6
70	286.8	211.8	157.3	189.5	225.6	189.8	147.0	223.7	65- 70	113.9	4072	45.9,45.9
75	207.9	163.8	120.2	145.6	146.9	162.4	130.1	183.2	70- 75	94.62	4167	47,47
80	140.9	105.4	83.18	89.84	81.61	115.8	113.3	130.7	75- 80	72.09	4239	47.8,47.8
85	93.60	28.68	0	23.08	20.39	36.12	0	40.69	80- 85	38.86	4278	48.3,48.3
90	7.529	0	0	0	4.085	0	0	0	85- 90	4.647	4282	48.3,48.3
95	33.47	30.14	0	31.52	8.293	5.202	0.0000	4.957	90- 95	2.010	4284	48.3,48.3
100	129.2	152.6	166.2	158.8	72.46	58.23	15.40	54.11	95-100	29.02	4313	48.7,48.7
105	270.4	295.4	341.8	304.3	195.4	143.9	136.1	137.7	100-105	87.46	4401	49.6,49.6
110	423.1	465.8	517.3	463.4	354.1	290.5	256.8	295.7	105-110	159.8	4561	51.4,51.4
115	596.1	630.7	675.6	621.1	548.7	450.8	433.4	461.5	110-115	237.1	4798	54.1,54.1
120	758.7	790.4	833.8	777.2	708.7	613.1	610.0	631.6	115-120	309.2	5107	57.6,57.6
125	904.3	930.7	965.0	920.8	864.2	772.1	767.1	788.5	120-125	365.7	5473	61.7,61.7
130	1034	1066	1096	1059	997.5	929.6	924.3	940.5	125-130	406.5	5879	66.3,66.3
135	1152	1179	1202	1169	1126	1058	1052	1071	130-135	430.3	6310	71.2,71.2
140	1256	1288	1307	1276	1237	1181	1179	1196	135-140	437.6	6747	76.1,76.1
145	1348	1371	1385	1362	1332	1283	1278	1295	140-145	428.4	7176	80.9,80.9
150	1427	1446	1463	1441	1415	1376	1377	1384	145-150	404.4	7580	85.5,85.5
155	1493	1509	1517	1505	1485	1453	1447	1459	150-155	366.5	7946	89.6,89.6
160	1547	1557	1571	1553	1541	1513	1516	1518	155-160	316.9	8263	93.2,93.2
165	1590	1600	1602	1597	1586	1567	1560	1571	160-165	257.1	8520	96.1,96.1
170	1620	1623	1633	1621	1618	1602	1605	1604	165-170	189.6	8710	98.2,98.2
175	1639	1638	1640	1637	1638	1627	1626	1628	170-175	116.2	8826	99.6,99.6
180	1647	1647	1647	1647	1647	1647	1647	1647	175-180	39.17	8865	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

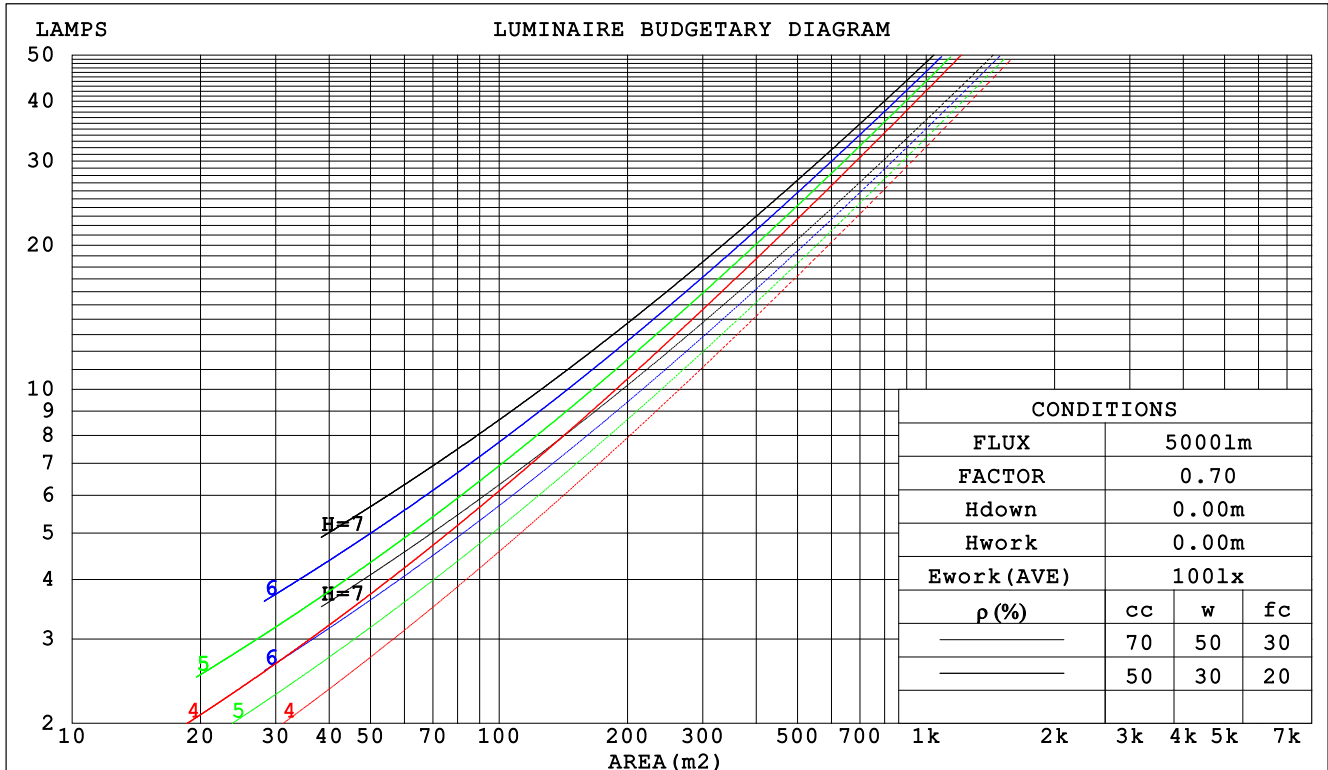
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

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	1.07	1.07	1.07	.98	.98	.98	.82	.82	.82	.68	.68	.68	.55	.55	.55	.48
1.0	.94	.91	.88	.87	.84	.81	.73	.71	.69	.61	.60	.58	.50	.49	.48	.42
2.0	.83	.78	.73	.77	.72	.68	.66	.62	.59	.55	.52	.50	.45	.43	.42	.37
3.0	.74	.67	.62	.69	.63	.58	.59	.54	.51	.49	.46	.44	.41	.38	.37	.33
4.0	.66	.59	.53	.62	.55	.50	.53	.48	.44	.45	.41	.38	.37	.35	.32	.29
5.0	.60	.52	.47	.56	.49	.44	.48	.43	.39	.41	.37	.34	.34	.31	.29	.26
6.0	.54	.46	.41	.50	.44	.39	.44	.38	.34	.37	.33	.30	.31	.28	.26	.23
7.0	.49	.42	.36	.46	.39	.34	.40	.35	.31	.34	.30	.27	.29	.26	.24	.21
8.0	.45	.37	.32	.42	.35	.31	.37	.31	.28	.31	.27	.25	.27	.24	.21	.19
9.0	.41	.34	.29	.39	.32	.28	.34	.29	.25	.29	.25	.22	.25	.22	.20	.18
10.0	.38	.31	.26	.36	.29	.25	.31	.26	.23	.27	.23	.20	.23	.20	.18	.16



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

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	.256	.145	.046	.233	.133	.042	.191	.110	.035	.152	.088	.028	.116	.067	.022	
2.0	.239	.131	.040	.219	.120	.037	.180	.100	.031	.145	.081	.025	.112	.063	.020	
3.0	.222	.118	.035	.204	.109	.033	.169	.091	.028	.136	.075	.023	.106	.059	.018	
4.0	.207	.108	.032	.190	.099	.029	.158	.084	.025	.128	.069	.021	.100	.054	.017	
5.0	.193	.098	.029	.178	.091	.027	.148	.077	.023	.120	.063	.019	.094	.050	.015	
6.0	.181	.091	.026	.166	.084	.024	.139	.071	.021	.113	.059	.017	.089	.047	.014	
7.0	.169	.084	.024	.156	.078	.022	.131	.066	.019	.107	.055	.016	.084	.044	.013	
8.0	.159	.078	.022	.147	.072	.020	.123	.062	.018	.101	.051	.015	.080	.041	.012	
9.0	.150	.073	.020	.139	.068	.019	.117	.058	.016	.096	.048	.014	.076	.039	.011	
10.0	.142	.068	.019	.131	.063	.018	.110	.054	.015	.091	.045	.013	.072	.036	.010	

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	.584	.584	.584	.499	.499	.499	.341	.341	.341	.196	.196	.196	.063	.063	.063		
1.0	.574	.554	.536	.491	.475	.461	.336	.327	.319	.193	.189	.185	.062	.061	.060		
2.0	.565	.532	.504	.484	.458	.436	.332	.317	.304	.191	.184	.178	.061	.060	.058		
3.0	.557	.516	.483	.478	.445	.419	.328	.309	.294	.189	.181	.173	.061	.059	.057		
4.0	.550	.504	.468	.472	.435	.407	.325	.303	.286	.188	.178	.169	.060	.058	.056		
5.0	.544	.494	.458	.467	.428	.398	.322	.299	.281	.186	.175	.167	.060	.057	.055		
6.0	.537	.487	.450	.462	.421	.392	.319	.295	.277	.185	.174	.165	.060	.057	.054		
7.0	.532	.480	.445	.457	.416	.387	.316	.292	.274	.184	.172	.163	.059	.056	.054		
8.0	.526	.475	.440	.453	.412	.384	.313	.289	.272	.182	.171	.162	.059	.056	.054		
9.0	.521	.471	.437	.449	.409	.381	.311	.287	.271	.181	.170	.161	.059	.056	.053		
10.0	.516	.467	.434	.445	.406	.379	.309	.285	.269	.180	.169	.161	.058	.055	.053		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-04-15

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: FS1005					TYPE:					SERIAL No.:				
SPEC.:					DIM.:					PROTECTION ANGLE:				
MFR.: EVERFINE														
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					14.1	14.9	14.9	15.8	16.9	13.4	14.3	14.3	15.2	16.2
3H					15.0	15.7	15.9	16.6	17.7	14.1	14.8	15.0	15.7	16.9
4H					15.6	16.3	16.5	17.2	18.3	14.4	15.1	15.3	16.0	17.2
6H					16.1	16.8	17.0	17.7	18.9	14.6	15.3	15.6	16.2	17.4
8H					16.3	17.0	17.3	17.9	19.1	14.7	15.3	15.6	16.2	17.4
12H					16.5	17.1	17.5	18.1	19.3	14.6	15.2	15.5	16.1	17.3
4H 2H					14.1	14.8	15.0	15.7	16.8	13.6	14.3	14.5	15.2	16.3
3H					15.1	15.7	16.0	16.6	17.8	14.5	15.1	15.5	16.0	17.3
4H					15.8	16.3	16.8	17.3	18.5	15.0	15.5	16.0	16.5	17.7
6H					16.5	17.0	17.5	18.0	19.3	15.4	15.9	16.4	16.9	18.1
8H					16.9	17.3	17.9	18.3	19.5	15.5	15.9	16.5	16.9	18.2
12H					17.1	17.5	18.1	18.5	19.8	15.4	15.8	16.4	16.8	18.1
8H 4H					15.9	16.3	16.9	17.3	18.6	15.1	15.6	16.1	16.6	17.8
6H					16.7	17.1	17.8	18.1	19.4	15.7	16.1	16.7	17.1	18.4
8H					17.1	17.4	18.2	18.5	19.8	15.8	16.1	16.9	17.2	18.5
12H					17.5	17.7	18.5	18.8	20.1	15.8	16.0	16.8	17.1	18.4
12H 4H					15.8	16.2	16.8	17.2	18.5	15.1	15.5	16.1	16.5	17.8
6H					16.7	17.0	17.8	18.1	19.4	15.8	16.1	16.8	17.1	18.4
8H					17.2	17.4	18.2	18.4	19.8	15.9	16.2	16.9	17.2	18.6
Variations with the observer position at spacings:														
S = 1.0H					+ 0.4 / - 0.4					+ 0.4 / - 0.5				
1.5H					+ 0.5 / - 0.6					+ 0.3 / - 0.8				
2.0H					+ 1.2 / - 1.0					+ 0.8 / - 1.4				

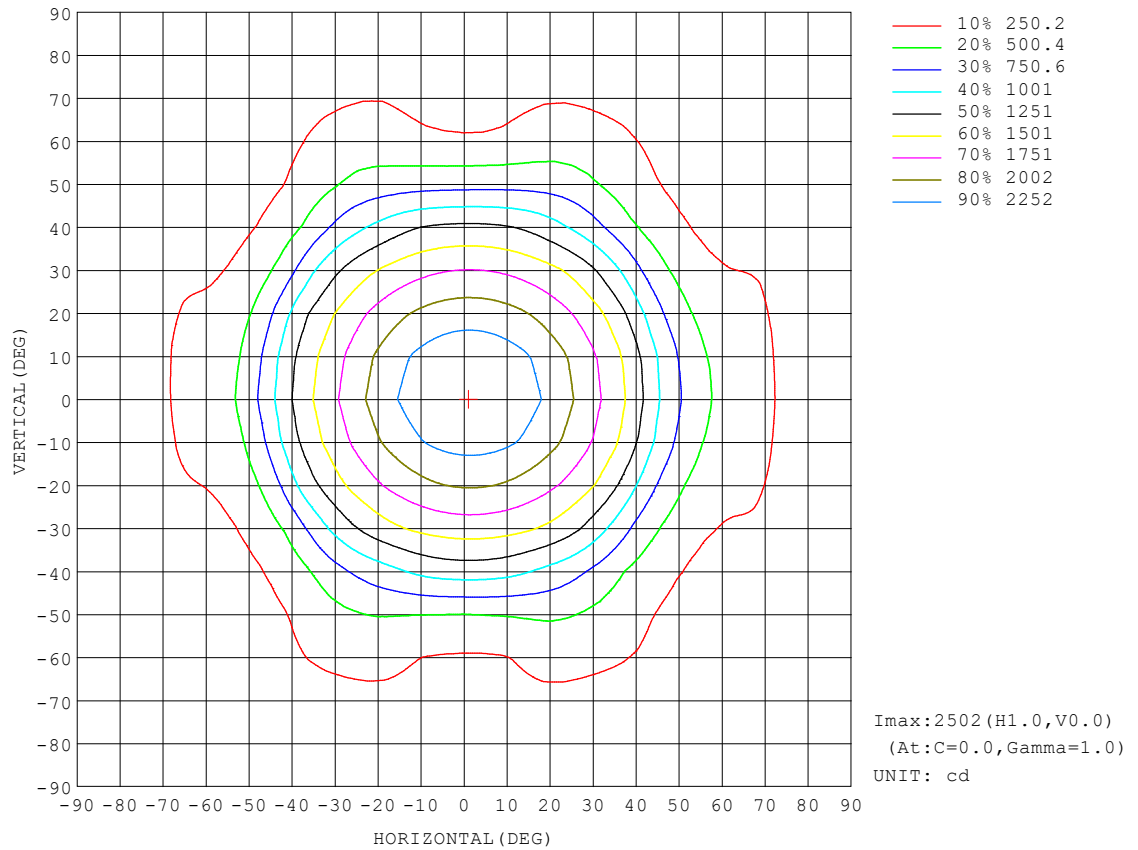
CIE Pub.117 Corrected 8865 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.6)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

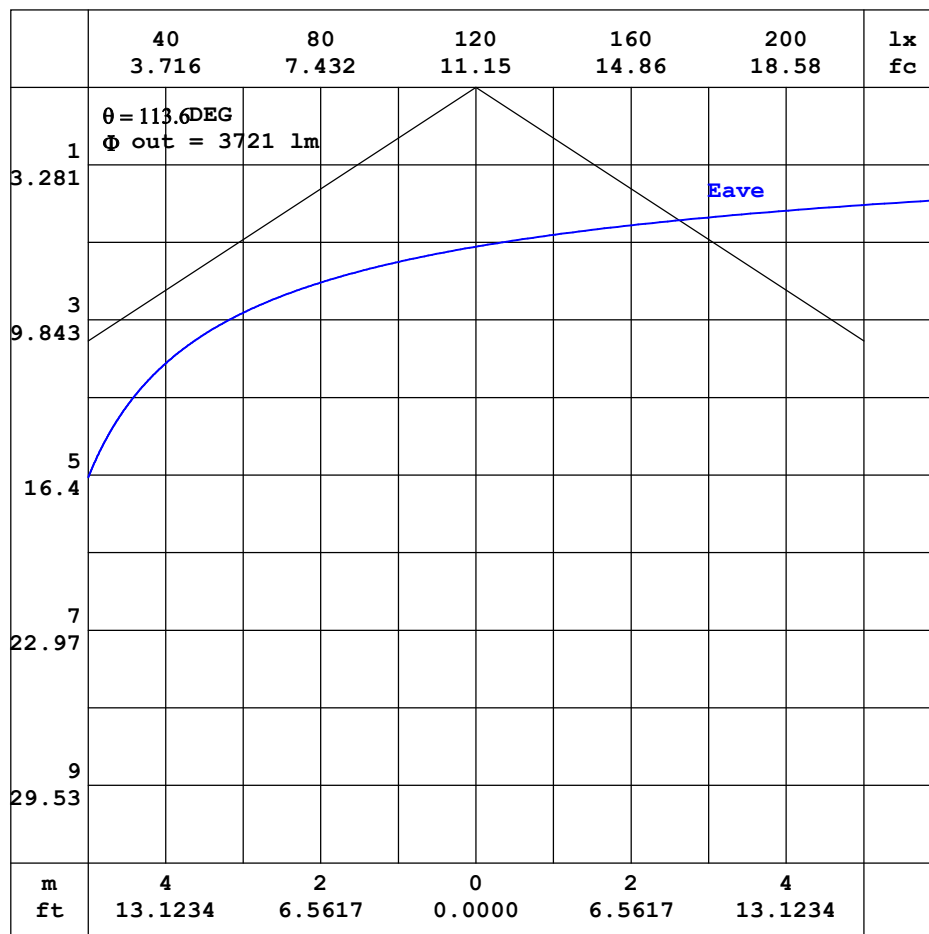


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



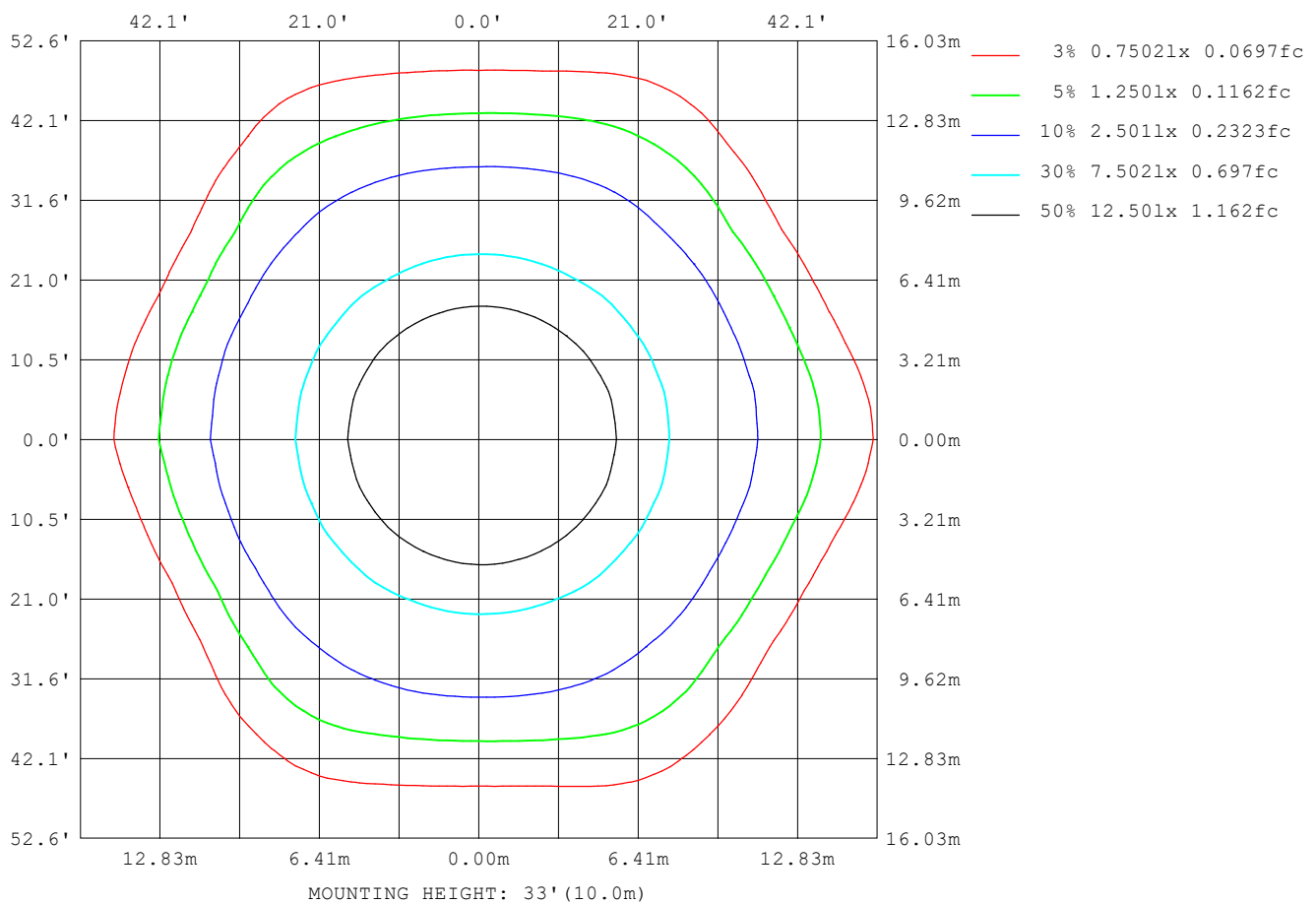
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-15

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

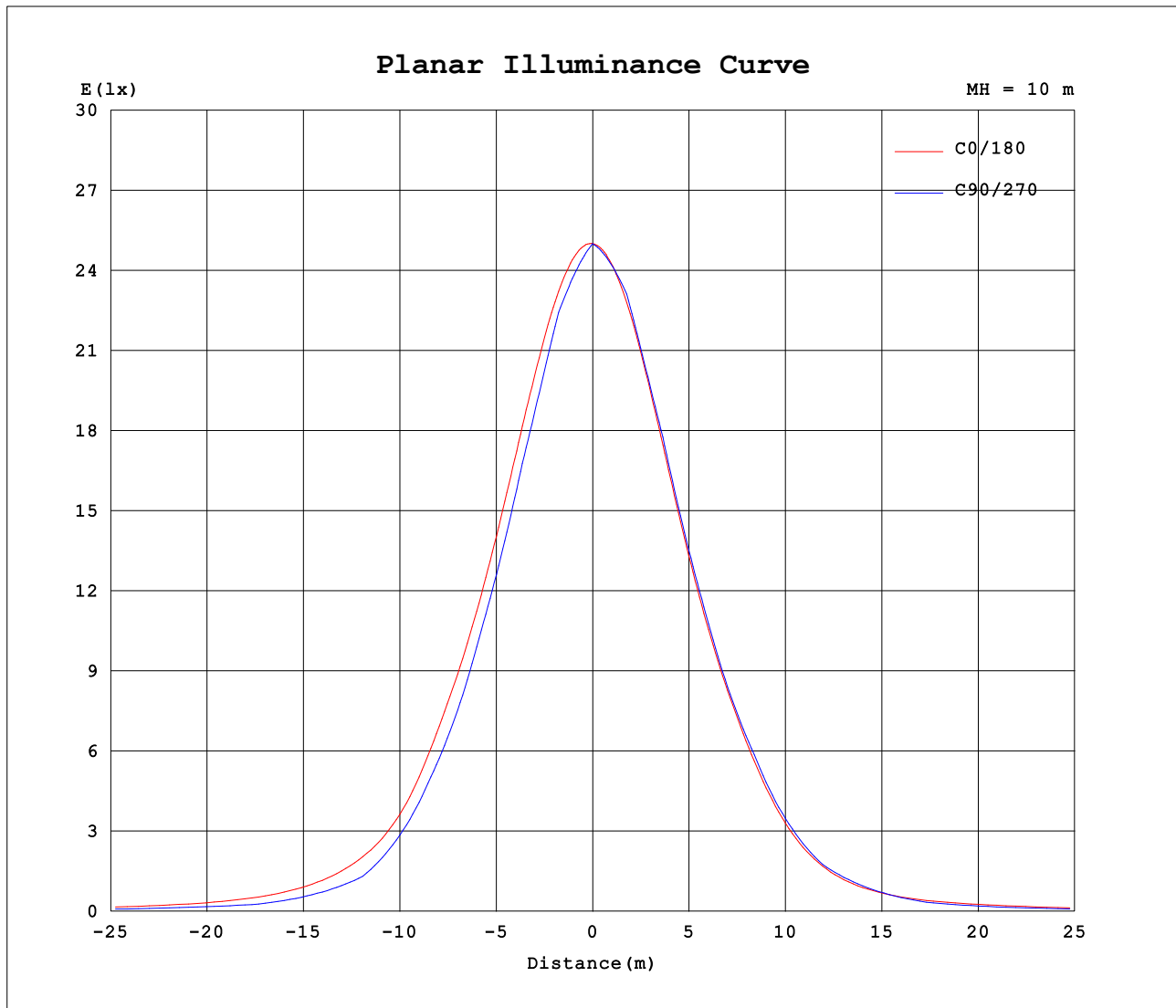
NAME: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-15

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: 2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

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	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501
5	2489	2482	2476	2470	2465	2460	2455	2451	2447	2444	2440	2438	2435	2433	2430	2429	2427	2426	2425
10	2431	2419	2408	2399	2391	2384	2378	2373	2369	2366	2363	2361	2359	2358	2356	2354	2352	2350	2348
15	2330	2313	2300	2289	2282	2276	2272	2270	2269	2257	2244	2232	2221	2212	2205	2199	2193	2189	2186
20	2191	2171	2157	2148	2142	2140	2137	2116	2098	2084	2072	2061	2053	2046	2040	2035	2031	2027	2023
25	2020	2000	1987	1981	1980	1968	1946	1928	1914	1903	1893	1881	1868	1857	1848	1840	1833	1827	1823
30	1827	1807	1797	1796	1786	1763	1746	1735	1723	1703	1688	1675	1665	1655	1647	1640	1633	1628	1623
35	1618	1598	1592	1593	1560	1543	1537	1514	1491	1482	1476	1470	1442	1419	1404	1393	1384	1377	1372
40	1359	1334	1332	1311	1280	1268	1247	1229	1223	1224	1204	1179	1156	1140	1135	1132	1129	1125	1122
45	1029	1002	1001	962	942	924	912	911	914	912	902	883	876	874	864	848	831	817	810
50	773	747	724	677	648	623	608	618	623	624	657	672	670	650	611	569	533	507	497
55	580	552	514	466	436	415	411	407	425	456	482	491	496	484	452	413	382	365	360
60	438	412	368	324	286	274	269	286	305	328	362	380	383	369	337	288	246	226	222
65	350	325	291	243	208	192	192	203	236	264	282	288	289	284	269	240	210	193	190
70	287	272	248	213	181	164	163	179	198	212	218	217	218	222	218	203	181	163	157
75	208	206	200	185	166	153	150	151	158	164	161	154	155	160	159	150	137	125	120
80	141	139	135	130	122	113	110	105	105	105	103	101	101	98.4	94.0	90.3	86.7	83.2	
85	93.6	65.6	62.6	59.0	52.3	47.7	44.8	37.8	32.5	28.7	23.8	18.4	13.4	9.22	5.82	3.17	1.36	0.33	0.00
90	7.53	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	33.5	30.8	30.2	28.4	34.4	33.8	32.8	30.5	30.2	30.1	26.7	23.2	18.4	13.8	9.37	5.41	2.48	0.62	0.00
100	129	130	132	131	130	138	138	141	147	153	158	163	165	166	167	166	167	165	166
105	270	271	273	275	281	282	284	286	289	295	312	327	334	337	340	340	341	340	342
110	423	431	431	434	438	447	453	452	459	466	476	490	498	505	510	513	514	515	517
115	596	607	608	618	617	620	623	628	625	631	641	653	660	666	670	672	672	673	676
120	759	769	768	774	784	780	782	782	784	790	794	801	809	817	823	826	828	831	834
125	904	910	915	920	921	927	925	928	928	931	938	947	953	956	959	960	961	963	965
130	1034	1037	1045	1045	1050	1054	1061	1057	1060	1066	1067	1071	1076	1081	1086	1089	1092	1095	1096
135	1152	1154	1165	1162	1167	1168	1173	1181	1178	1179	1183	1190	1192	1194	1195	1197	1198	1200	1202
140	1256	1257	1264	1267	1268	1273	1274	1277	1283	1288	1287	1287	1290	1292	1296	1299	1302	1306	1307
145	1348	1348	1353	1361	1359	1360	1366	1367	1368	1371	1376	1381	1381	1380	1381	1382	1383	1384	1385
150	1427	1426	1429	1436	1439	1438	1439	1443	1447	1446	1447	1449	1451	1454	1457	1459	1461	1463	1463
155	1493	1492	1494	1497	1503	1505	1503	1504	1506	1509	1513	1513	1513	1513	1514	1515	1516	1516	1517
160	1547	1546	1547	1548	1551	1556	1559	1558	1557	1557	1558	1560	1562	1564	1566	1567	1569	1570	1571
165	1590	1589	1588	1589	1590	1592	1594	1597	1600	1600	1599	1599	1599	1599	1600	1600	1601	1601	1602
170	1620	1619	1619	1618	1618	1619	1620	1620	1622	1623	1624	1626	1628	1629	1630	1631	1632	1633	1633
175	1639	1638	1638	1638	1637	1637	1637	1637	1638	1638	1638	1638	1639	1639	1639	1639	1640	1640	1640
180	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

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	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501
5	2423	2423	2422	2422	2423	2423	2424	2426	2427	2430	2433	2436	2439	2444	2449	2454	2460	2467	2463
10	2346	2344	2341	2339	2336	2335	2333	2332	2332	2333	2335	2338	2342	2348	2355	2364	2375	2388	2381
15	2183	2182	2181	2181	2183	2187	2191	2197	2206	2213	2211	2210	2212	2216	2224	2234	2248	2265	2257
20	2020	2017	2014	2013	2012	2012	2014	2018	2023	2031	2042	2055	2055	2056	2061	2071	2086	2106	2097
25	1820	1817	1817	1817	1819	1823	1829	1836	1837	1839	1846	1855	1868	1875	1876	1883	1898	1920	1910
30	1619	1617	1615	1614	1615	1616	1619	1624	1633	1646	1649	1651	1658	1671	1679	1682	1695	1718	1709
35	1370	1369	1369	1371	1377	1391	1408	1405	1403	1410	1423	1438	1435	1444	1466	1468	1479	1504	1495
40	1119	1116	1111	1103	1100	1107	1123	1138	1151	1145	1144	1158	1189	1185	1202	1220	1224	1250	1244
45	811	820	830	835	838	838	841	853	856	844	822	821	839	846	856	892	898	935	925
50	504	525	555	589	620	639	639	619	579	564	537	508	519	529	546	575	602	641	631
55	365	381	405	435	464	472	464	451	417	374	337	331	324	337	353	379	410	442	433
60	231	252	286	328	361	376	368	339	294	259	233	215	216	227	250	282	314	332	332
65	197	214	240	265	282	291	290	271	237	200	165	159	159	178	212	244	271	286	289
70	165	184	205	216	216	213	212	206	189	169	148	138	143	163	191	211	219	226	230
75	125	137	149	155	151	145	145	149	146	134	122	119	124	137	149	151	147	147	155
80	83.6	87.2	89.1	89.9	89.0	88.7	90.8	91.7	89.8	86.3	82.9	81.9	82.3	85.4	80.3	74.7	72.9	81.6	88.0
85	0.32	1.32	2.98	5.24	7.96	11.4	15.6	19.7	23.1	25.6	28.1	31.6	33.0	32.9	28.7	22.4	16.0	20.4	41.5
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	4.09	0.00
95	0.63	2.50	5.52	9.65	14.4	19.7	24.1	27.9	31.5	34.9	35.1	40.7	41.4	38.3	30.9	24.7	13.2	8.29	13.4
100	166	168	169	171	171	170	164	160	159	152	145	140	134	129	111	103	84.8	72.5	69.2
105	341	342	341	341	336	329	319	310	304	289	292	272	263	257	241	229	215	195	191
110	516	515	512	508	500	489	479	468	463	458	456	441	434	418	393	379	366	354	346
115	674	672	670	666	660	652	642	628	621	617	615	606	599	587	575	569	554	549	529
120	831	828	824	818	810	800	790	782	777	771	767	765	755	746	733	724	713	709	690
125	962	960	957	953	947	941	935	927	921	918	915	903	896	889	888	874	866	864	847
130	1093	1090	1085	1079	1073	1067	1062	1058	1059	1051	1043	1040	1030	1025	1016	1007	999	998	982
135	1199	1197	1194	1191	1189	1187	1183	1175	1169	1165	1166	1156	1152	1148	1137	1134	1125	1126	1111
140	1304	1301	1297	1293	1288	1284	1280	1277	1276	1271	1264	1261	1261	1250	1245	1241	1235	1237	1224
145	1384	1381	1380	1378	1376	1375	1374	1368	1362	1359	1357	1356	1347	1342	1341	1334	1331	1332	1321
150	1462	1460	1457	1454	1450	1447	1444	1442	1441	1441	1435	1430	1425	1424	1420	1415	1413	1415	1405
155	1516	1515	1514	1513	1511	1511	1511	1510	1505	1500	1497	1495	1494	1491	1486	1483	1483	1485	1476
160	1570	1569	1567	1565	1562	1560	1558	1555	1553	1552	1551	1552	1548	1543	1541	1539	1540	1541	1535
165	1601	1601	1600	1599	1598	1597	1597	1597	1597	1596	1593	1590	1587	1585	1584	1584	1584	1586	1580
170	1632	1632	1631	1629	1628	1626	1624	1623	1621	1620	1618	1617	1617	1616	1616	1616	1617	1618	1615
175	1639	1639	1639	1639	1638	1638	1638	1637	1637	1637	1636	1636	1636	1636	1636	1637	1637	1638	1636
180	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

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	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501
5	2461	2458	2456	2455	2454	2454	2453	2453	2454	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463
10	2377	2374	2372	2373	2374	2376	2380	2384	2388	2393	2398	2402	2407	2412	2415	2418	2421	2422	2423
15	2252	2251	2252	2256	2263	2272	2282	2280	2276	2273	2272	2272	2273	2274	2276	2278	2281	2283	2286
20	2093	2094	2100	2110	2120	2114	2111	2109	2110	2113	2116	2120	2125	2129	2133	2137	2140	2143	2145
25	1908	1913	1925	1929	1926	1926	1928	1934	1941	1940	1938	1937	1937	1939	1941	1945	1948	1952	1956
30	1709	1719	1724	1722	1727	1735	1742	1737	1734	1734	1734	1737	1739	1743	1747	1752	1756	1759	1763
35	1499	1512	1504	1510	1525	1520	1517	1519	1526	1530	1523	1519	1521	1523	1525	1527	1530	1534	1539
40	1257	1260	1264	1282	1265	1264	1275	1283	1276	1269	1267	1277	1290	1299	1302	1303	1305	1308	1312
45	943	935	956	955	947	968	979	989	995	999	1006	1012	1013	1007	995	986	985	993	1007
50	631	621	618	609	606	637	664	687	733	757	760	746	727	705	683	667	665	676	698
55	420	410	391	377	383	393	425	473	513	534	551	548	529	506	487	474	470	476	494
60	308	282	259	246	241	256	279	313	366	409	427	415	380	336	303	283	275	279	302
65	265	234	195	172	165	168	201	239	282	314	327	324	304	270	239	219	211	216	237
70	228	208	174	146	137	143	160	190	221	244	258	264	254	224	186	157	147	155	182
75	167	170	155	136	127	129	142	162	176	182	188	194	193	178	155	136	130	137	153
80	101	112	115	108	105	103	108	116	121	120	118	121	126	128	124	116	113	119	125
85	48.7	51.8	53.4	54.2	52.7	46.4	41.8	36.1	29.3	21.8	15.3	11.0	7.53	4.36	1.89	0.44	0.00	0.45	1.91
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	16.3	13.5	13.0	13.0	10.1	8.14	6.60	5.20	4.02	3.06	2.23	1.57	1.01	0.55	0.24	0.06	0.00	0.06	0.23
100	74.8	70.6	68.8	59.1	50.4	56.9	58.4	58.2	54.4	46.9	42.4	35.5	29.3	23.5	19.2	16.5	15.4	16.0	18.6
105	185	186	185	173	167	159	147	144	147	143	148	146	144	141	139	137	136	135	137
110	335	327	325	322	309	299	290	290	290	287	283	278	272	267	261	257	257	256	258
115	523	509	501	492	481	466	456	451	449	450	449	449	445	441	437	434	433	433	436
120	681	670	663	654	648	632	619	613	611	612	613	615	614	612	611	610	610	610	611
125	838	835	818	809	798	792	780	772	772	774	774	772	770	769	767	766	767	767	768
130	975	968	961	950	944	934	930	930	922	919	917	918	919	920	921	922	924	924	923
135	1107	1096	1095	1085	1075	1074	1063	1058	1055	1057	1056	1053	1051	1050	1050	1050	1052	1051	1051
140	1218	1211	1205	1205	1194	1187	1184	1181	1175	1172	1171	1172	1173	1174	1176	1177	1179	1178	1177
145	1314	1312	1304	1300	1301	1293	1287	1283	1282	1283	1280	1277	1276	1275	1275	1276	1278	1278	1277
150	1399	1396	1392	1387	1384	1383	1383	1376	1372	1370	1368	1369	1370	1371	1372	1375	1377	1377	1375
155	1470	1467	1466	1463	1458	1455	1453	1453	1454	1451	1448	1446	1445	1444	1445	1446	1447	1447	1446
160	1530	1526	1524	1524	1523	1519	1515	1513	1512	1511	1511	1512	1513	1514	1515	1516	1516	1516	1515
165	1576	1573	1571	1569	1569	1569	1569	1567	1564	1563	1561	1560	1560	1560	1560	1560	1560	1560	1560
170	1612	1609	1607	1605	1604	1603	1602	1602	1602	1602	1602	1603	1603	1604	1604	1605	1605	1605	1605
175	1634	1633	1632	1630	1629	1628	1628	1627	1627	1626	1626	1626	1626	1626	1626	1626	1626	1626	1626
180	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-15

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: FS1005	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501	2501				
5	2463	2464	2465	2466	2467	2468	2469	2470	2472	2473	2475	2477	2480	2482	2485				
10	2423	2423	2422	2421	2419	2417	2415	2414	2413	2413	2413	2414	2417	2420	2425				
15	2290	2294	2298	2304	2311	2319	2328	2334	2328	2322	2318	2315	2315	2317	2322				
20	2147	2149	2151	2153	2156	2161	2167	2174	2185	2199	2193	2184	2179	2178	2182				
25	1960	1965	1971	1978	1987	1994	1996	1998	2003	2013	2026	2028	2016	2010	2012				
30	1766	1770	1774	1779	1785	1793	1801	1814	1815	1816	1823	1836	1834	1822	1820				
35	1544	1550	1557	1569	1585	1588	1591	1594	1604	1615	1612	1617	1634	1619	1612				
40	1316	1315	1314	1312	1320	1335	1356	1351	1344	1352	1365	1358	1370	1372	1355				
45	1026	1042	1050	1045	1036	1038	1043	1045	1046	1035	1032	1035	1032	1051	1027				
50	728	761	787	801	794	772	738	728	725	715	712	725	739	767	770				
55	525	559	584	592	580	559	526	488	466	471	474	491	518	553	575				
60	348	400	439	449	437	405	363	334	317	302	309	320	357	398	430				
65	274	311	334	332	322	307	281	247	213	203	205	224	263	309	335				
70	218	247	261	258	250	241	224	199	175	160	159	184	225	261	280				
75	174	189	193	189	186	187	183	169	154	149	153	170	193	209	210				
80	130	131	128	124	127	132	131	126	121	122	125	133	141	144	144				
85	4.44	7.89	11.8	16.5	23.3	32.1	40.7	47.7	53.5	63.6	65.5	66.9	71.9	78.0	88.1				
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	0.51	0.91	1.44	2.08	2.88	3.82	4.96	6.35	8.12	10.5	15.3	16.9	16.2	20.6	26.0				
100	22.4	27.6	33.8	40.5	45.4	50.5	54.1	56.4	58.6	56.1	67.3	73.2	85.0	96.9	111				
105	138	140	142	144	138	135	138	148	161	173	183	200	215	233	256				
110	262	268	275	282	284	288	296	294	311	324	335	351	371	385	411				
115	440	444	449	453	456	455	461	468	487	499	517	527	546	561	583				
120	614	616	618	620	621	625	632	640	652	672	685	704	714	729	749				
125	772	775	779	783	785	785	788	798	813	826	844	855	871	883	895				
130	924	924	925	926	927	932	941	946	956	974	981	992	1002	1016	1023				
135	1052	1055	1058	1062	1065	1066	1071	1080	1094	1098	1106	1118	1125	1140	1141				
140	1176	1176	1176	1178	1181	1187	1196	1200	1203	1211	1221	1226	1235	1243	1246				
145	1277	1279	1282	1287	1293	1293	1295	1299	1306	1314	1316	1323	1334	1335	1339				
150	1374	1373	1373	1374	1376	1379	1384	1391	1393	1395	1400	1409	1413	1414	1419				
155	1446	1447	1449	1452	1456	1459	1459	1461	1463	1468	1475	1479	1479	1481	1486				
160	1515	1514	1514	1514	1514	1516	1518	1521	1526	1532	1532	1532	1534	1537	1541				
165	1561	1561	1562	1564	1566	1568	1571	1574	1573	1574	1574	1576	1578	1581	1585				
170	1604	1604	1604	1604	1604	1604	1604	1604	1605	1606	1607	1609	1611	1614	1617				
175	1626	1626	1626	1627	1627	1627	1628	1629	1630	1630	1631	1633	1634	1635	1637				
180	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-15

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: