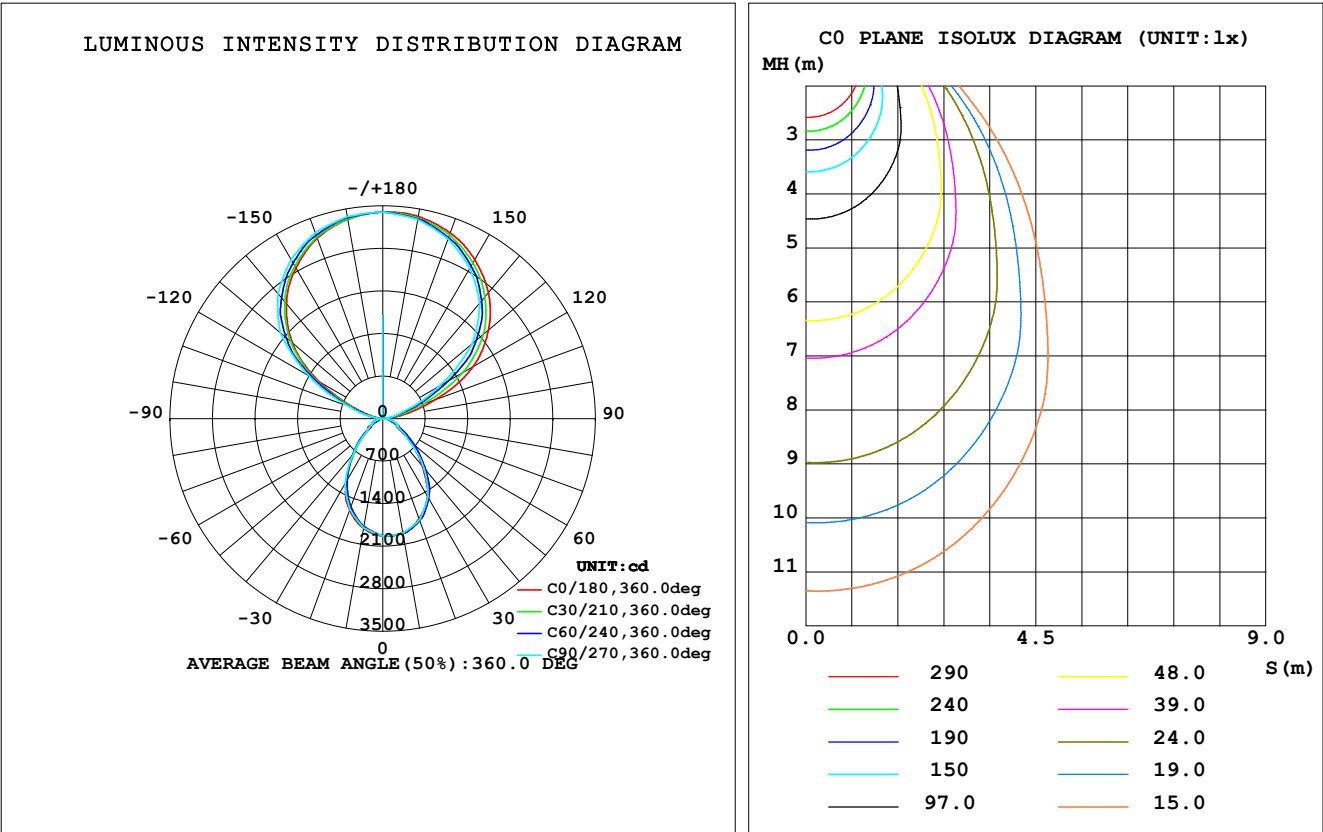


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: FS2530	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.54 lm/W			
MODEL	2835	I _{max} (cd)	3403	S/MH (C0/180)	1.15
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.16
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	12423	η UP, DN (C0-180)	35.3, 14.5
NOMINAL FLUX (lm)	12423.3	CIE CLASS	SEMI-IND.	η UP, DN (C180-360)	37.8, 12.4
LAMPS INSIDE	1	η up (%)	73.1	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220.0	η down (%)	26.9	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-01-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.200m [K=1.2195]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	1935	1931	1924	1906	1900	1873	1879	1899	0- 5	45.79	45.79	0.37,0.37
10	1907	1916	1916	1861	1833	1795	1825	1850	5- 10	134.6	180.4	1.45,1.45
15	1848	1875	1844	1788	1733	1687	1705	1775	10- 15	215.8	396.2	3.19,3.19
20	1753	1776	1773	1660	1600	1529	1585	1647	15- 20	283.3	679.5	5.47,5.47
25	1630	1658	1631	1513	1445	1362	1412	1507	20- 25	333.6	1013	8.16,8.16
30	1474	1503	1489	1341	1205	1173	1239	1326	25- 30	361.5	1375	11.1,11.1
35	1247	1315	1270	1121	968.2	943.1	994.9	1110	30- 35	363.0	1738	14,14
40	1009	1108	1051	885.5	755.0	731.1	750.3	897.0	35- 40	337.2	2075	16.7,16.7
45	802.5	871.4	806.2	701.3	553.8	564.9	555.5	711.6	40- 45	295.2	2370	19.1,19.1
50	602.5	674.6	561.1	548.0	356.5	394.1	360.8	551.0	45- 50	245.3	2615	21.1,21.1
55	397.9	481.9	424.1	374.3	253.6	228.8	297.0	359.1	50- 55	192.3	2808	22.6,22.6
60	273.5	298.6	287.0	226.0	271.4	116.5	233.1	202.2	55- 60	148.6	2956	23.8,23.8
65	278.9	176.6	262.7	168.7	191.0	119.5	204.7	144.4	60- 65	115.6	3072	24.7,24.7
70	221.5	126.6	238.3	144.3	173.5	117.0	176.2	128.4	65- 70	93.84	3166	25.5,25.5
75	169.0	137.8	181.5	107.3	120.4	106.1	123.8	132.6	70- 75	75.39	3241	26.1,26.1
80	135.2	113.8	124.7	77.55	66.40	64.76	71.31	86.02	75- 80	58.51	3300	26.6,26.6
85	74.95	40.06	0	26.14	4.284	15.61	0	23.32	80- 85	32.96	3333	26.8,26.8
90	4.829	0	0	0	2.799	0	0	0	85- 90	3.953	3337	26.9,26.9
95	111.0	32.92	0	21.36	8.739	35.52	0.0000	54.80	90- 95	5.132	3342	26.9,26.9
100	290.0	160.9	90.11	106.6	87.63	157.0	162.4	240.5	95-100	50.76	3392	27.3,27.3
105	556.7	317.3	240.8	215.4	224.5	294.3	367.4	444.6	100-105	129.7	3522	28.4,28.4
110	924.1	599.2	391.5	418.2	448.1	535.6	572.3	778.5	105-110	234.9	3757	30.2,30.2
115	1348	963.3	733.2	707.1	769.1	866.9	983.2	1178	110-115	383.5	4141	33.3,33.3
120	1716	1398	1075	1083	1187	1286	1394	1626	115-120	552.1	4693	37.8,37.8
125	2013	1760	1500	1486	1603	1680	1797	1965	120-125	709.4	5402	43.5,43.5
130	2269	2096	1925	1878	1941	2049	2200	2273	125-130	827.2	6229	50.1,50.1
135	2504	2344	2205	2154	2219	2308	2441	2500	130-135	889.8	7119	57.3,57.3
140	2706	2578	2484	2415	2467	2549	2683	2721	135-140	908.6	8028	64.6,64.6
145	2872	2767	2675	2629	2685	2748	2851	2890	140-145	890.0	8918	71.8,71.8
150	3024	2934	2865	2829	2862	2930	3020	3043	145-150	839.7	9757	78.5,78.5
155	3154	3077	3006	2988	3021	3076	3137	3170	150-155	760.7	10518	84.7,84.7
160	3252	3186	3147	3113	3158	3189	3254	3263	155-160	657.6	11176	90,90
165	3322	3285	3237	3226	3256	3284	3314	3343	160-165	533.3	11709	94.2,94.2
170	3377	3343	3327	3304	3329	3341	3374	3379	165-170	392.9	12102	97.4,97.4
175	3402	3376	3364	3359	3377	3378	3387	3394	170-175	240.5	12342	99.3,99.3
180	3400	3400	3400	3400	3400	3400	3400	3400	175-180	80.97	12423	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

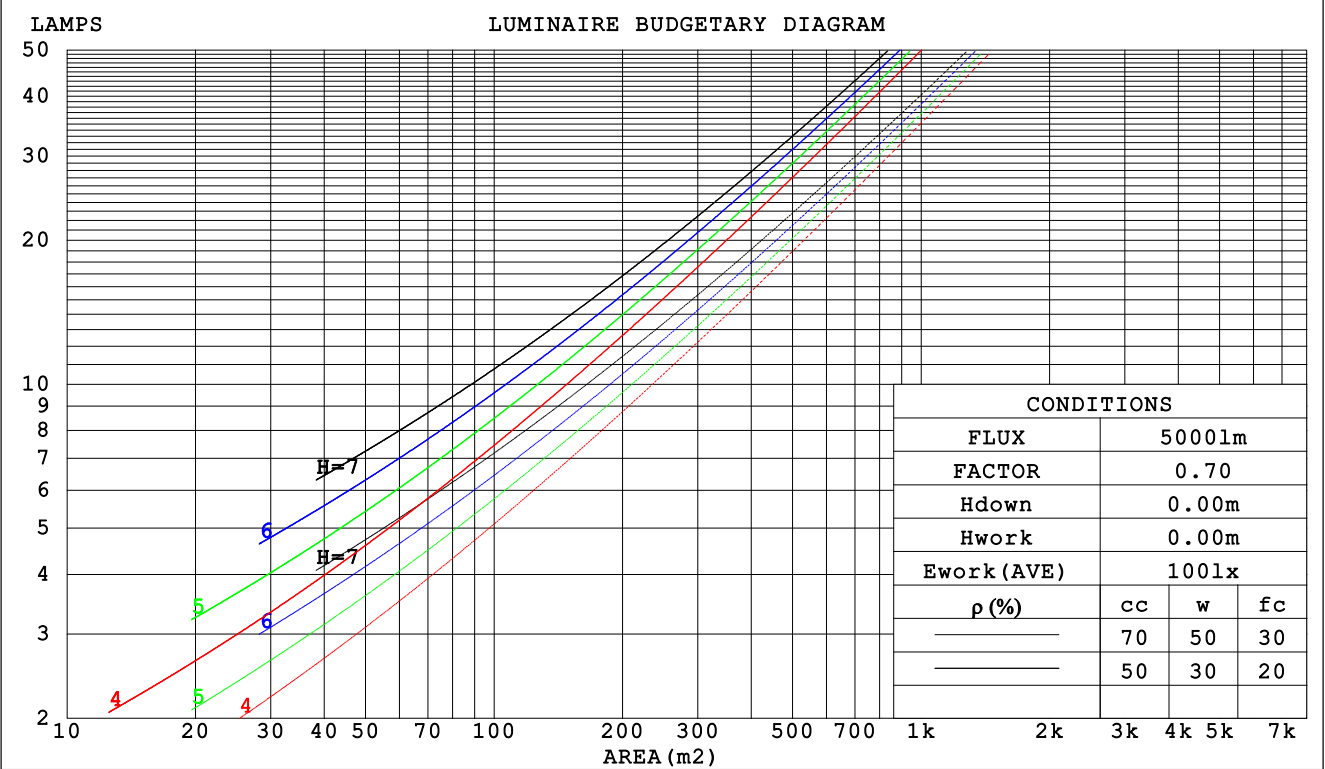
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-01-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.200m [K=1.2195]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: FS2530	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	1.02	1.02	1.02	.91	.91	.91	.70	.70	.70	.52	.52	.52	.35	.35	.35	.27
1.0	.89	.85	.82	.80	.77	.74	.62	.60	.59	.46	.45	.44	.31	.31	.30	.24
2.0	.78	.73	.68	.70	.66	.62	.55	.52	.49	.41	.39	.37	.28	.27	.26	.21
3.0	.69	.63	.57	.62	.57	.52	.49	.45	.42	.37	.34	.32	.26	.24	.23	.18
4.0	.62	.54	.49	.55	.49	.44	.44	.40	.36	.33	.30	.28	.23	.22	.20	.16
5.0	.55	.48	.42	.50	.43	.38	.39	.35	.31	.30	.27	.25	.21	.19	.18	.14
6.0	.49	.42	.37	.45	.38	.34	.36	.31	.28	.27	.24	.22	.19	.18	.16	.13
7.0	.45	.37	.32	.40	.34	.29	.32	.28	.24	.25	.22	.19	.18	.16	.15	.12
8.0	.41	.33	.28	.37	.31	.26	.30	.25	.22	.23	.20	.17	.17	.15	.13	.11
9.0	.37	.30	.25	.34	.28	.23	.27	.23	.20	.21	.18	.16	.15	.13	.12	.10
10.0	.34	.27	.23	.31	.25	.21	.25	.21	.18	.19	.16	.14	.14	.12	.11	.09



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-01-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.200m [K=1.2195]
Remarks:

WEC AND CCEC

NAME: FS2530	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	.257	.146	.046	.228	.130	.041	.174	.100	.032	.124	.071	.023	.078	.045	.015		
2.0	.238	.131	.040	.212	.117	.036	.162	.090	.028	.117	.065	.020	.074	.042	.013		
3.0	.221	.118	.035	.197	.105	.032	.151	.082	.025	.109	.060	.018	.070	.039	.012		
4.0	.205	.107	.031	.183	.096	.028	.141	.075	.022	.102	.055	.017	.066	.036	.011		
5.0	.191	.097	.028	.171	.088	.026	.132	.069	.020	.096	.050	.015	.062	.033	.010		
6.0	.178	.089	.026	.159	.081	.023	.123	.063	.018	.090	.047	.014	.058	.031	.009		
7.0	.167	.083	.023	.149	.074	.021	.116	.059	.017	.085	.043	.013	.055	.029	.008		
8.0	.157	.077	.022	.140	.069	.020	.109	.055	.016	.080	.040	.012	.052	.027	.008		
9.0	.148	.071	.020	.132	.064	.018	.103	.051	.014	.076	.038	.011	.050	.025	.007		
10.0	.139	.067	.019	.125	.060	.017	.098	.048	.013	.072	.036	.010	.047	.024	.007		

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	.748	.748	.748	.639	.639	.639	.436	.436	.436	.251	.251	.251	.080	.080	.080		
1.0	.739	.719	.700	.632	.617	.603	.432	.424	.417	.249	.245	.242	.080	.079	.078		
2.0	.731	.698	.670	.626	.601	.579	.429	.416	.404	.247	.242	.237	.079	.078	.077		
3.0	.724	.683	.650	.620	.589	.563	.426	.409	.395	.246	.239	.233	.079	.078	.076		
4.0	.717	.671	.636	.615	.580	.553	.423	.404	.389	.245	.237	.230	.079	.077	.076		
5.0	.711	.662	.626	.611	.573	.545	.421	.400	.385	.244	.235	.228	.079	.077	.075		
6.0	.705	.655	.619	.606	.567	.539	.418	.397	.381	.243	.234	.227	.078	.076	.075		
7.0	.700	.649	.614	.602	.563	.535	.416	.395	.379	.242	.232	.226	.078	.076	.075		
8.0	.695	.644	.610	.598	.559	.532	.414	.392	.377	.241	.231	.225	.078	.076	.074		
9.0	.690	.640	.607	.594	.556	.529	.412	.391	.376	.240	.231	.224	.078	.076	.074		
10.0	.685	.637	.604	.591	.553	.527	.410	.389	.375	.239	.230	.224	.077	.076	.074		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-01-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.200m [K=1.2195]
Remarks:

Uncorrected UGR Table

NAME: FS2530						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	11.6	12.3	12.7	13.4	14.8	11.8	12.5	12.8	13.6	15.0					
3H	12.6	13.2	13.7	14.3	15.8	12.6	13.3	13.7	14.3	15.8					
4H	13.0	13.6	14.1	14.7	16.2	13.1	13.7	14.2	14.8	16.3					
6H	13.5	14.0	14.6	15.1	16.6	13.6	14.2	14.7	15.3	16.8					
8H	13.7	14.3	14.8	15.3	16.9	13.7	14.2	14.8	15.3	16.9					
12H	13.9	14.4	15.0	15.5	17.0	13.6	14.2	14.8	15.3	16.8					
4H 2H	11.5	12.1	12.6	13.2	14.7	11.7	12.3	12.8	13.3	14.8					
3H	12.6	13.1	13.7	14.2	15.7	12.7	13.2	13.8	14.3	15.8					
4H	13.2	13.6	14.3	14.7	16.3	13.4	13.8	14.5	14.9	16.5					
6H	13.8	14.2	15.0	15.4	16.9	14.1	14.5	15.2	15.6	17.2					
8H	14.2	14.5	15.3	15.7	17.2	14.2	14.6	15.4	15.7	17.3					
12H	14.4	14.8	15.6	15.9	17.5	14.2	14.5	15.3	15.6	17.2					
8H 4H	13.1	13.5	14.3	14.6	16.2	13.3	13.7	14.5	14.8	16.4					
6H	14.0	14.3	15.1	15.4	17.0	14.2	14.5	15.4	15.7	17.3					
8H	14.4	14.7	15.6	15.9	17.5	14.5	14.7	15.7	15.9	17.5					
12H	14.9	15.1	16.0	16.2	17.9	14.4	14.7	15.6	15.8	17.4					
12H 4H	13.1	13.4	14.3	14.6	16.2	13.3	13.6	14.4	14.7	16.3					
6H	14.0	14.3	15.2	15.4	17.0	14.2	14.5	15.4	15.7	17.3					
8H	14.5	14.7	15.7	15.9	17.5	14.5	14.7	15.7	15.9	17.5					
Variations with the observer position at spacings:															
S = 1.0H	+ 0.4 / - 0.5					+ 0.3 / - 0.4									
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.6									
2.0H	+ 0.7 / - 0.9					+ 0.7 / - 1.0									

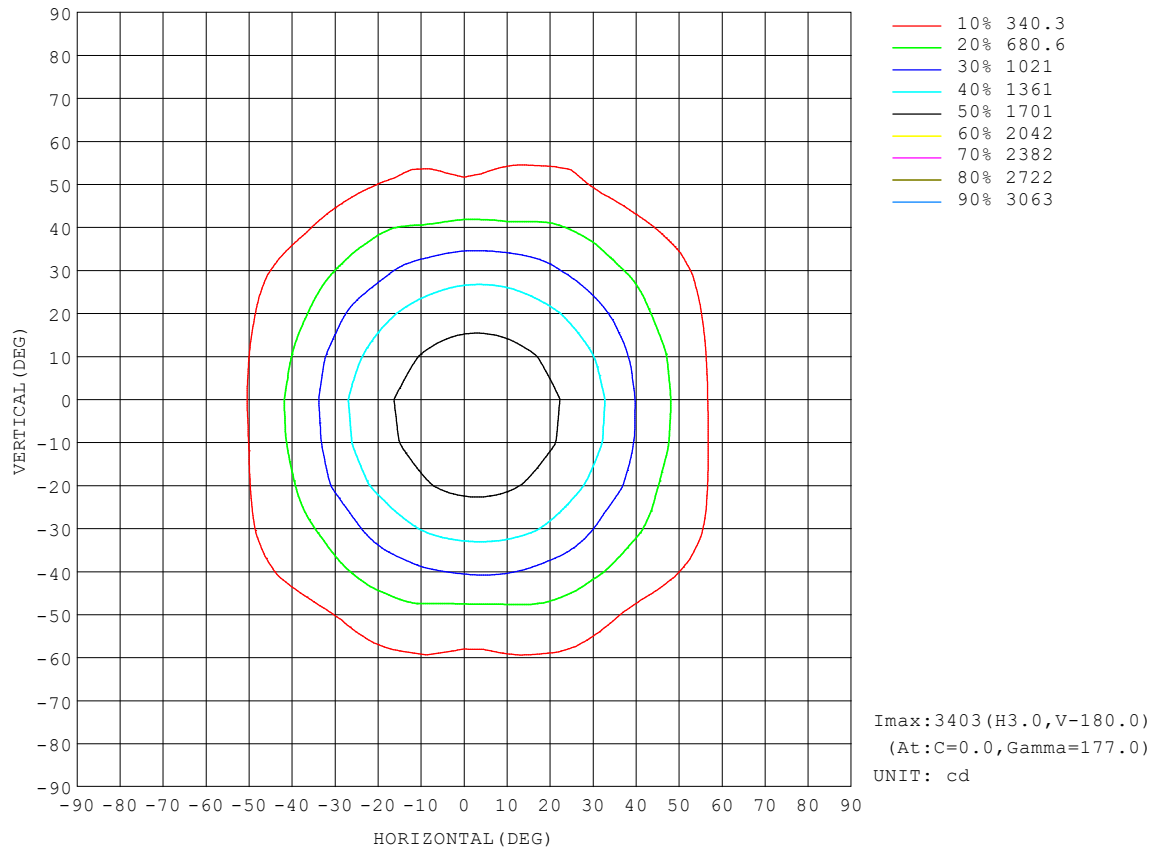
CIE Pub.117 Corrected 12423 lm Total Lamp Luminous Flux. (8log(F/F0) = 8.8)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-01-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity: 65.0%
 Test Distance: 8.200m [K=1.2195]
 Remarks:

ISOCANDELA DIAGRAM

NAME: FS2530	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

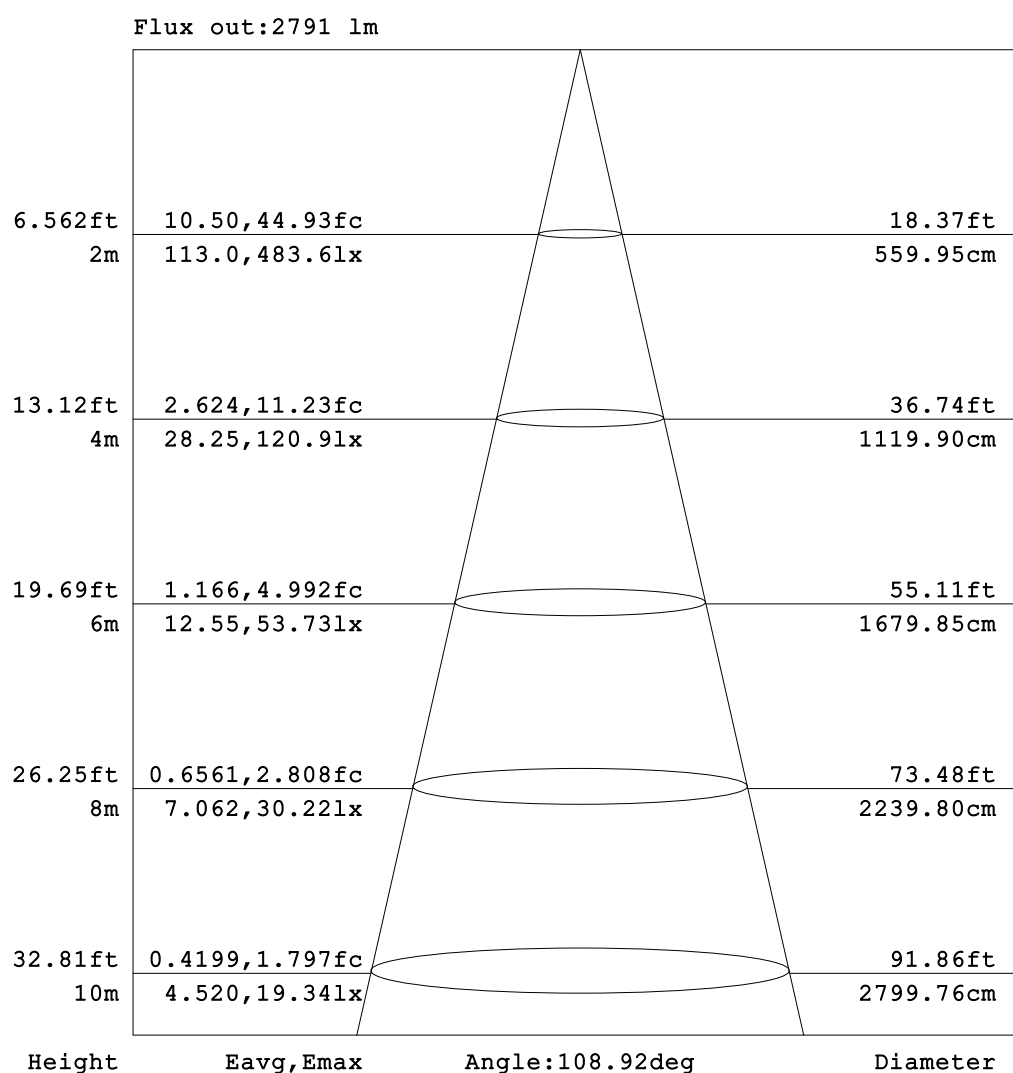


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-01-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.200m [K=1.2195]
Remarks:

AAI Figure

NAME: FS2530	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



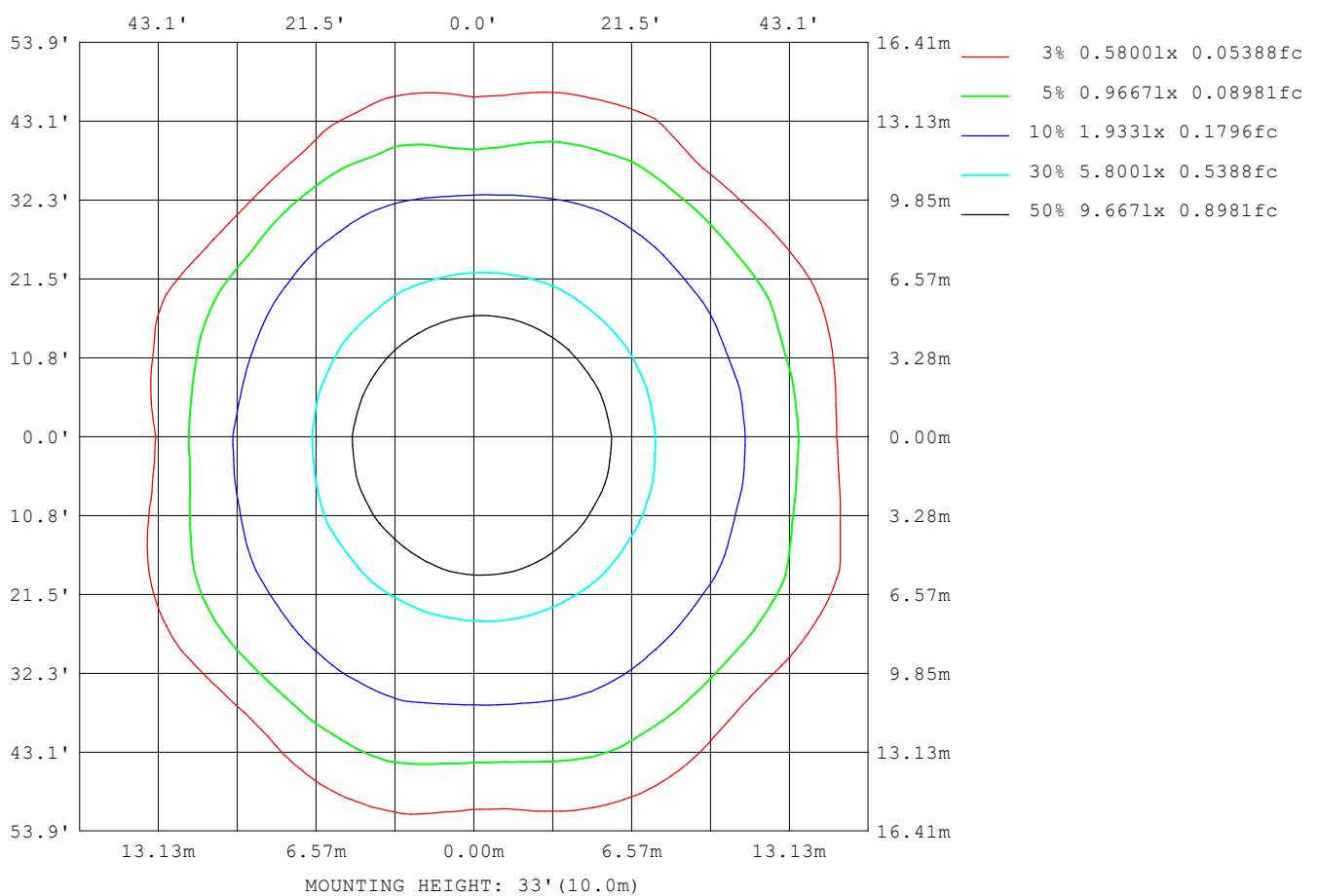
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-01-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.200m [K=1.2195]
Remarks:

ISOLUX DIAGRAM

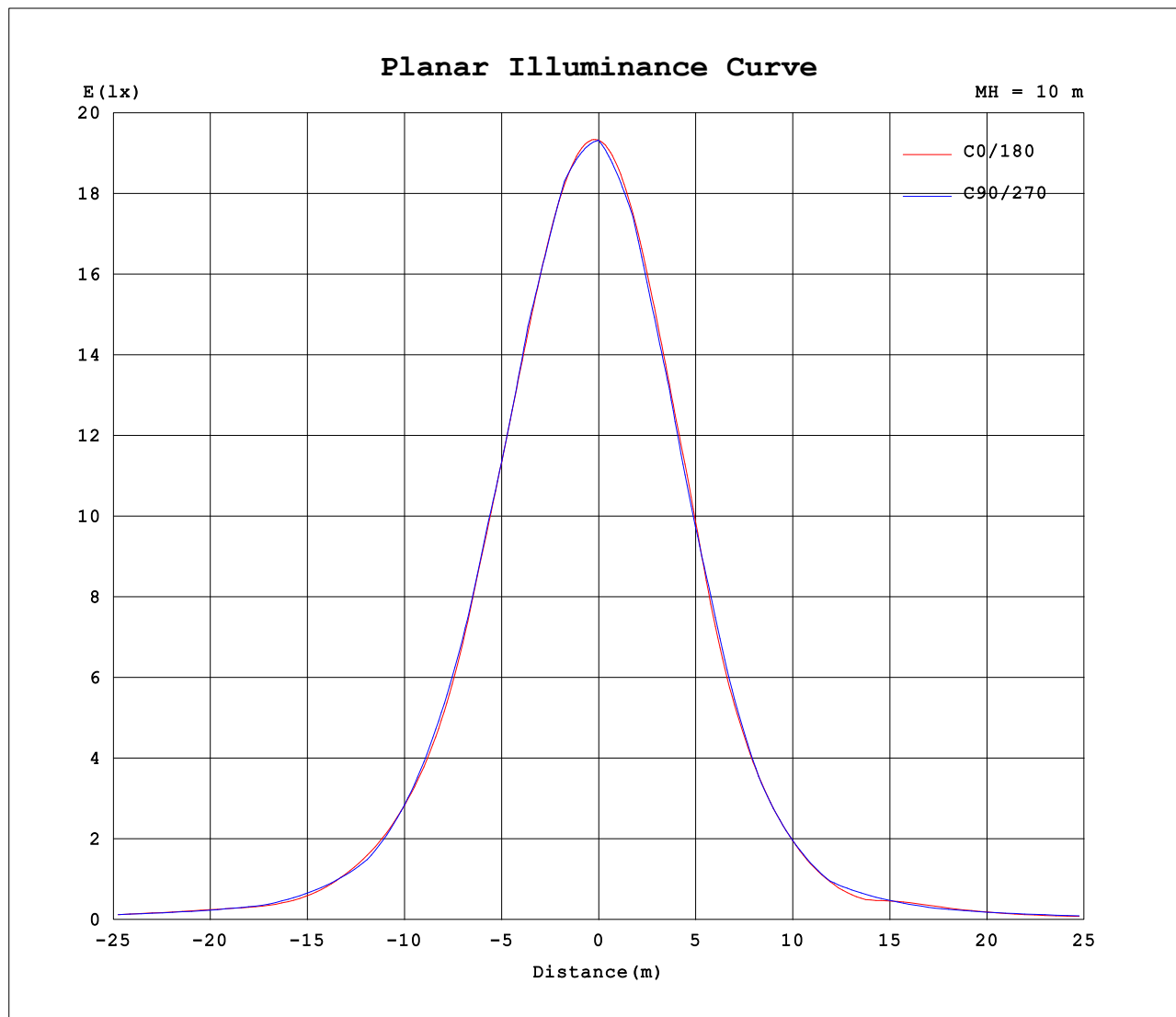
NAME: FS2530	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-01-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.200m [K=1.2195]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-01-06

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.200m [K=1.2195]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS2530	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	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932
5	1935	1934	1933	1933	1933	1932	1932	1932	1932	1931	1931	1931	1930	1930	1929	1928	1927	1925	1924
10	1907	1906	1906	1906	1907	1908	1909	1912	1914	1916	1918	1920	1921	1922	1922	1922	1920	1919	1916
15	1848	1846	1846	1848	1852	1856	1863	1870	1877	1875	1871	1868	1865	1862	1860	1857	1853	1849	1844
20	1753	1752	1753	1758	1766	1777	1786	1781	1777	1776	1776	1779	1782	1783	1784	1784	1783	1778	1773
25	1630	1627	1631	1639	1653	1655	1651	1650	1651	1658	1667	1665	1663	1661	1656	1651	1646	1639	1631
30	1474	1472	1478	1493	1499	1492	1492	1497	1508	1503	1502	1507	1510	1512	1513	1510	1505	1498	1489
35	1247	1248	1263	1288	1289	1295	1309	1311	1309	1315	1325	1336	1333	1325	1315	1306	1295	1283	1270
40	1009	1015	1036	1050	1060	1080	1072	1072	1091	1108	1111	1106	1098	1096	1091	1087	1080	1067	1051
45	802	807	830	824	841	857	850	839	853	871	882	887	878	876	870	850	833	818	806
50	602	602	613	611	630	658	670	663	665	675	674	685	686	682	660	620	584	567	561
55	398	404	420	442	476	506	501	498	484	482	490	500	504	514	502	476	448	427	424
60	274	285	309	333	362	362	350	326	298	299	323	349	369	373	362	348	324	291	287
65	279	290	301	291	274	269	257	212	187	177	182	207	254	272	274	280	272	259	263
70	222	220	244	230	204	184	182	172	148	127	141	166	187	203	210	224	223	227	238
75	169	166	155	164	153	128	106	118	135	138	133	135	143	157	168	173	178	180	182
80	135	132	121	117	119	119	96.1	83.9	102	114	100	97.1	112	125	135	125	132	133	125
85	75.0	66.0	71.4	72.7	68.0	67.2	75.8	55.6	44.1	40.1	25.9	18.2	15.8	12.2	8.35	4.29	2.00	0.50	0.00
90	4.83	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	111	95.9	79.5	69.6	66.9	63.0	56.2	46.6	39.5	32.9	26.5	20.3	14.8	10.1	6.27	3.41	1.47	0.35	0.00
100	290	274	252	227	208	192	174	171	167	161	154	145	136	126	117	108	100	94.3	90.1
105	557	538	513	476	444	411	384	370	347	317	299	294	285	281	272	263	254	247	241
110	924	903	867	825	780	738	708	662	616	599	577	552	522	497	468	442	419	402	391
115	1348	1333	1291	1253	1193	1147	1102	1062	1016	963	911	867	850	830	807	785	764	747	733
120	1716	1700	1662	1628	1601	1546	1519	1464	1428	1398	1347	1297	1251	1209	1173	1143	1116	1094	1075
125	2013	1996	1973	1950	1915	1894	1858	1841	1796	1760	1737	1721	1685	1642	1605	1571	1545	1521	1500
130	2269	2253	2244	2214	2193	2173	2163	2129	2108	2096	2057	2031	2011	1996	1984	1971	1960	1944	1925
135	2504	2485	2483	2451	2438	2418	2402	2398	2367	2344	2330	2324	2303	2283	2266	2248	2232	2217	2205
140	2706	2683	2673	2658	2641	2633	2614	2600	2590	2578	2560	2544	2531	2524	2516	2506	2496	2490	2484
145	2872	2858	2853	2855	2831	2815	2808	2791	2777	2767	2761	2755	2738	2723	2711	2701	2690	2681	2675
150	3024	3010	3003	3002	2992	2975	2964	2956	2950	2934	2922	2912	2903	2896	2891	2887	2879	2871	2865
155	3154	3140	3130	3125	3124	3115	3100	3088	3081	3077	3075	3065	3053	3042	3032	3023	3016	3011	3006
160	3252	3240	3231	3224	3220	3218	3216	3204	3194	3186	3180	3175	3170	3163	3158	3154	3152	3150	3147
165	3322	3313	3306	3300	3296	3293	3291	3291	3291	3285	3276	3269	3262	3256	3250	3246	3242	3240	3237
170	3377	3371	3365	3360	3356	3352	3349	3346	3344	3343	3341	3339	3337	3334	3332	3331	3330	3329	3327
175	3402	3399	3396	3392	3389	3386	3384	3381	3378	3376	3374	3372	3371	3369	3368	3367	3366	3365	3364
180	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-01-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.200m [K=1.2195]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS2530	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	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932
5	1922	1921	1919	1917	1915	1912	1910	1908	1906	1904	1902	1901	1900	1899	1899	1899	1899	1900	1895
10	1912	1908	1902	1896	1889	1883	1875	1868	1861	1854	1848	1842	1838	1834	1832	1831	1831	1833	1823
15	1839	1832	1826	1819	1811	1804	1797	1792	1788	1783	1769	1758	1747	1739	1734	1730	1730	1733	1717
20	1764	1754	1743	1728	1713	1699	1684	1671	1660	1651	1646	1644	1630	1614	1604	1597	1596	1600	1579
25	1621	1611	1599	1585	1571	1558	1547	1536	1513	1497	1487	1481	1480	1472	1455	1444	1441	1445	1419
30	1477	1464	1445	1422	1400	1381	1365	1348	1341	1335	1312	1291	1271	1253	1231	1211	1202	1205	1185
35	1257	1247	1235	1219	1203	1196	1176	1148	1121	1100	1089	1079	1046	1017	999	978	967	968	955
40	1034	1027	1020	1003	990	979	961	928	886	859	856	851	838	802	782	768	755	755	736
45	800	806	816	804	791	780	762	729	701	678	665	652	630	598	578	569	553	554	529
50	568	590	624	620	603	597	571	558	548	528	515	512	476	435	404	372	357	356	355
55	437	461	474	465	445	425	389	377	374	378	383	370	349	318	291	272	265	254	267
60	310	335	331	330	315	281	251	237	226	245	278	280	277	303	293	285	278	271	267
65	267	270	256	244	218	173	138	143	169	194	202	199	216	229	243	217	205	191	191
70	223	210	194	178	162	146	127	129	144	126	123	148	164	174	166	157	170	174	155
75	174	162	155	142	125	119	114	124	107	90.9	97.9	122	137	128	123	127	125	120	121
80	124	116	121	114	95.7	82.5	81.8	98.1	77.5	72.3	88.5	98.0	93.2	93.7	91.7	75.2	67.7	66.4	65.0
85	0.47	1.76	4.18	7.04	9.16	11.0	15.5	26.2	26.1	34.7	44.3	42.2	49.6	44.8	38.1	23.5	9.45	4.28	11.2
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	2.80	0.00
95	0.33	1.29	2.87	5.04	7.71	10.8	14.2	17.8	21.4	24.4	26.7	27.2	27.4	27.6	22.5	21.0	15.4	8.74	16.9
100	87.6	88.1	91.0	94.7	98.2	102	105	107	107	105	103	99.3	105	104	101	96.5	88.9	87.6	92.2
105	236	232	229	227	224	221	218	213	215	226	229	228	232	235	233	229	224	224	229
110	386	386	390	397	406	414	419	421	418	412	422	429	430	442	441	440	437	448	445
115	723	714	708	702	694	685	673	689	707	714	708	721	735	742	745	759	751	769	763
120	1062	1052	1048	1047	1053	1063	1074	1081	1083	1088	1102	1117	1120	1140	1150	1159	1163	1187	1180
125	1489	1482	1478	1477	1484	1491	1493	1483	1486	1509	1527	1513	1528	1541	1572	1566	1576	1603	1596
130	1912	1899	1882	1864	1854	1849	1848	1856	1878	1866	1862	1874	1871	1888	1898	1908	1915	1941	1932
135	2196	2185	2174	2168	2170	2177	2181	2164	2154	2156	2167	2159	2165	2177	2177	2195	2196	2219	2213
140	2477	2463	2448	2436	2426	2421	2416	2412	2415	2411	2409	2415	2427	2421	2428	2438	2444	2467	2461
145	2670	2662	2653	2645	2640	2641	2644	2636	2629	2629	2633	2641	2636	2639	2654	2655	2664	2685	2678
150	2861	2856	2846	2837	2828	2822	2821	2824	2829	2836	2829	2823	2825	2834	2837	2837	2845	2862	2857
155	3001	2996	2992	2989	2987	2987	2990	2993	2988	2986	2984	2984	2990	2993	2992	2996	3006	3021	3017
160	3141	3134	3129	3124	3121	3118	3114	3112	3113	3115	3119	3127	3126	3125	3127	3134	3144	3158	3153
165	3233	3229	3226	3223	3222	3222	3222	3223	3226	3228	3226	3225	3225	3227	3231	3238	3246	3256	3253
170	3325	3322	3318	3315	3312	3309	3307	3305	3304	3302	3302	3303	3305	3307	3311	3316	3322	3329	3327
175	3362	3361	3360	3360	3359	3359	3359	3359	3359	3360	3361	3362	3364	3366	3368	3371	3374	3377	3376
180	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-01-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.200m [K=1.2195]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS2530	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	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932
5	1891	1887	1883	1880	1878	1876	1874	1873	1873	1872	1873	1873	1874	1875	1876	1877	1879	1880	1882
10	1814	1807	1802	1798	1795	1794	1793	1795	1796	1799	1802	1806	1810	1814	1818	1822	1825	1828	1831
15	1705	1695	1689	1685	1685	1686	1689	1687	1684	1683	1684	1686	1689	1692	1696	1700	1705	1710	1716
20	1563	1552	1545	1544	1544	1536	1530	1529	1530	1535	1542	1549	1557	1566	1572	1579	1585	1591	1597
25	1400	1389	1384	1377	1369	1365	1363	1362	1367	1369	1370	1375	1379	1387	1395	1404	1412	1421	1430
30	1175	1173	1171	1168	1170	1176	1182	1173	1164	1165	1172	1180	1188	1197	1213	1227	1239	1250	1260
35	954	961	942	939	951	952	948	943	939	946	969	977	973	968	973	983	995	1003	1014
40	733	727	717	714	722	731	734	731	742	751	769	776	760	739	731	738	750	754	761
45	519	519	522	529	540	550	552	565	575	578	589	597	590	578	563	554	556	564	581
50	361	370	385	392	397	386	379	394	407	413	423	430	426	432	409	375	361	377	414
55	272	275	293	295	275	249	239	229	229	239	274	304	311	328	324	311	297	305	327
60	266	262	255	231	224	194	154	116	134	160	193	217	228	236	241	248	233	233	243
65	210	208	185	154	137	146	143	120	110	114	134	160	175	187	190	197	205	204	205
70	149	147	141	114	91.4	96.5	114	117	99.2	102	109	130	138	148	144	145	176	176	170
75	114	110	113	110	86.5	74.3	85.5	106	87.4	86.0	85.5	98.4	104	111	111	109	124	126	125
80	73.6	70.9	67.9	62.3	69.4	56.7	54.6	64.8	55.6	53.5	62.6	65.9	70.7	75.2	78.1	74.3	71.3	75.7	78.3
85	22.4	26.3	25.0	23.4	22.4	20.4	17.1	15.6	12.1	9.08	8.63	6.17	4.23	2.56	1.18	0.28	0.00	0.29	1.18
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	27.7	35.7	43.8	48.2	50.7	46.7	41.3	35.5	29.5	23.7	18.2	13.1	8.68	5.06	2.32	0.60	0.00	0.63	2.59
100	106	118	127	133	134	143	152	157	159	160	160	159	157	157	157	159	162	168	175
105	242	256	267	274	279	292	298	294	297	308	318	327	336	343	351	359	367	376	386
110	459	474	488	490	504	517	516	536	550	558	561	560	558	556	558	563	572	587	608
115	785	789	805	820	827	837	859	867	866	870	896	916	931	943	956	969	983	1001	1022
120	1195	1204	1218	1224	1251	1256	1266	1286	1292	1298	1304	1312	1323	1339	1357	1375	1394	1415	1435
125	1602	1624	1617	1631	1643	1683	1677	1680	1700	1731	1743	1744	1748	1759	1770	1781	1797	1816	1835
130	1940	1948	1960	1961	1983	1992	2020	2049	2045	2055	2075	2096	2118	2147	2168	2184	2200	2213	2222
135	2228	2228	2251	2252	2260	2286	2292	2308	2328	2357	2374	2377	2387	2404	2416	2428	2441	2451	2459
140	2472	2478	2487	2505	2509	2520	2535	2549	2558	2575	2593	2607	2625	2644	2658	2670	2683	2688	2691
145	2683	2698	2700	2711	2729	2735	2737	2748	2765	2785	2792	2800	2810	2822	2833	2842	2851	2857	2863
150	2861	2873	2883	2888	2897	2913	2929	2930	2936	2944	2955	2966	2977	2991	3005	3013	3020	3024	3029
155	3019	3026	3038	3045	3049	3055	3064	3076	3091	3099	3102	3105	3111	3120	3127	3132	3137	3141	3145
160	3152	3154	3159	3168	3177	3178	3182	3189	3196	3203	3211	3219	3229	3239	3245	3250	3254	3258	3259
165	3251	3252	3255	3260	3266	3273	3281	3284	3286	3288	3292	3297	3302	3306	3309	3311	3314	3317	3320
170	3326	3326	3326	3328	3330	3333	3337	3341	3345	3350	3356	3361	3365	3368	3371	3372	3374	3375	3377
175	3375	3375	3375	3375	3375	3376	3377	3378	3379	3380	3381	3382	3383	3384	3385	3386	3387	3388	3389
180	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-01-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.200m [K=1.2195]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS2530	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	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932				
5	1884	1886	1888	1891	1893	1896	1899	1902	1906	1909	1913	1917	1921	1925	1930				
10	1834	1837	1839	1842	1844	1847	1850	1854	1858	1863	1868	1874	1881	1889	1898				
15	1722	1728	1736	1744	1753	1764	1775	1785	1787	1790	1795	1802	1811	1821	1834				
20	1603	1609	1616	1623	1630	1638	1647	1659	1674	1690	1695	1700	1709	1720	1735				
25	1440	1451	1462	1474	1488	1501	1507	1514	1525	1540	1560	1574	1580	1591	1608				
30	1269	1278	1284	1289	1298	1309	1326	1347	1357	1370	1387	1411	1426	1433	1449				
35	1029	1048	1068	1086	1096	1100	1110	1131	1151	1169	1179	1193	1212	1213	1223				
40	772	801	838	869	886	892	897	905	919	941	964	970	986	997	997				
45	599	625	653	681	695	704	712	709	718	742	758	764	778	808	797				
50	452	480	502	525	531	536	551	543	549	568	570	561	566	589	592				
55	348	361	374	386	366	353	359	367	384	402	419	413	403	402	397				
60	249	259	277	281	255	217	202	218	253	277	300	312	302	288	276				
65	207	206	204	194	165	140	144	156	184	214	233	249	273	281	271				
70	179	169	148	137	133	127	128	130	136	141	158	196	221	216	209				
75	131	128	106	98.8	112	130	133	111	87.6	88.0	126	148	145	156	173				
80	80.1	88.8	75.3	71.2	68.3	80.8	86.0	73.6	65.1	87.0	94.1	100	106	117	130				
85	2.71	5.35	7.15	9.65	11.4	17.6	23.3	26.7	35.6	46.9	44.1	50.4	55.9	57.9	67.4				
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	5.94	10.8	17.2	25.1	34.0	43.9	54.8	66.4	78.5	91.0	96.1	97.8	96.0	97.9	103				
100	183	194	206	217	226	235	241	241	241	238	250	258	267	277	286				
105	394	403	412	421	427	431	445	465	480	483	499	520	535	552	558				
110	630	657	686	716	743	765	779	786	818	845	861	886	906	921	930				
115	1043	1065	1088	1108	1124	1147	1178	1218	1253	1261	1283	1307	1341	1347	1363				
120	1454	1474	1495	1520	1552	1587	1626	1636	1644	1669	1673	1706	1705	1714	1728				
125	1856	1880	1905	1938	1965	1963	1965	1975	1997	1993	2009	2010	2021	2021	2021				
130	2225	2231	2233	2235	2240	2254	2273	2266	2265	2279	2275	2279	2280	2286	2275				
135	2466	2476	2487	2501	2504	2500	2500	2504	2517	2509	2509	2516	2511	2524	2505				
140	2693	2697	2701	2705	2708	2711	2721	2717	2712	2714	2721	2715	2720	2720	2706				
145	2872	2878	2885	2894	2902	2896	2890	2889	2894	2900	2893	2890	2897	2881	2872				
150	3037	3040	3040	3039	3040	3041	3043	3049	3043	3040	3041	3047	3041	3029	3023				
155	3150	3155	3160	3165	3170	3174	3170	3165	3164	3166	3171	3169	3160	3153	3151				
160	3259	3258	3259	3260	3261	3262	3263	3265	3268	3272	3264	3257	3252	3249	3249				
165	3323	3326	3328	3330	3334	3338	3343	3347	3342	3336	3331	3326	3323	3321	3321				
170	3378	3380	3382	3382	3382	3380	3379	3378	3377	3376	3375	3374	3374	3375	3376				
175	3389	3390	3391	3392	3393	3394	3394	3395	3396	3397	3398	3398	3399	3400	3401				
180	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-01-06

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.200m [K=1.2195]
Remarks: