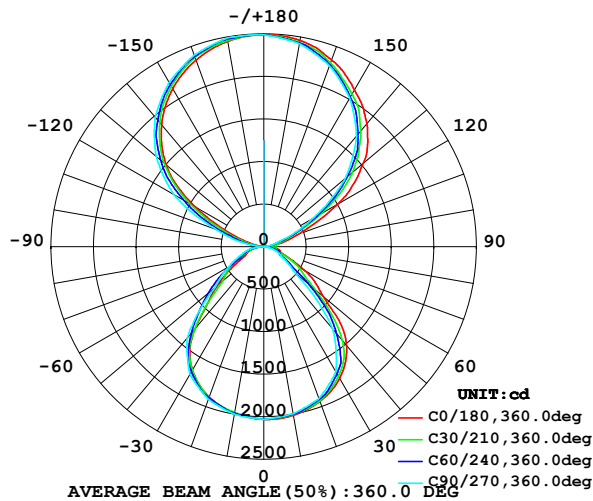


LUMINAIRE PHOTOMETRIC TEST REPORT

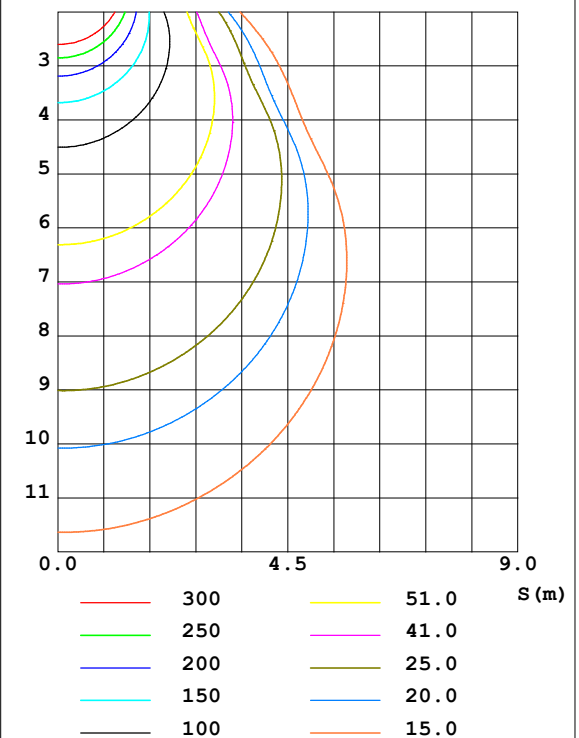
NAME: FS0035	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.35 lm/W			
MODEL	FS0035	I _{max} (cd)	2493	S/MH(C0/180)	1.30
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	10909	η UP,DN(C0-180)	27.4,19.1
NOMINAL FLUX(lm)	10909.2	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	32.5,21.1
LAMPS INSIDE	1	η up(%)	59.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.0	η down(%)	40.1	CIBSE SHR MAX	1.35

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:2026-06-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.500m [K=1.1765]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	2029	2019	2012	2008	2015	2010	2015	2021	0- 5	48.33	48.33	0.44,0.44
10	2013	2000	1994	1978	1985	1983	2000	2003	5- 10	143.4	191.7	1.76,1.76
15	1980	1970	1947	1937	1941	1945	1955	1973	10- 15	234.1	425.8	3.9,3.9
20	1935	1913	1900	1868	1880	1882	1909	1919	15- 20	317.6	743.4	6.81,6.81
25	1872	1846	1800	1783	1794	1806	1822	1855	20- 25	390.4	1134	10.4,10.4
30	1787	1744	1699	1652	1678	1690	1735	1761	25- 30	447.6	1581	14.5,14.5
35	1671	1608	1483	1460	1519	1528	1569	1636	30- 35	483.3	2065	18.9,18.9
40	1515	1429	1266	1197	1255	1305	1402	1473	35- 40	484.7	2549	23.4,23.4
45	1274	1135	868.8	907.2	924.1	1010	1078	1180	40- 45	441.0	2990	27.4,27.4
50	914.6	847.5	471.2	675.4	719.9	752.2	753.1	872.9	45- 50	357.7	3348	30.7,30.7
55	742.9	539.3	361.0	460.7	511.1	585.3	611.5	682.0	50- 55	276.5	3624	33.2,33.2
60	543.9	314.3	250.7	307.2	331.1	460.9	469.8	515.5	55- 60	219.5	3844	35.2,35.2
65	341.9	250.2	207.2	230.4	240.9	355.6	372.7	374.8	60- 65	171.2	4015	36.8,36.8
70	223.9	195.9	163.7	160.6	211.1	268.1	275.6	290.4	65- 70	134.7	4150	38,38
75	186.0	163.3	102.2	100.8	167.2	191.7	219.1	226.9	70- 75	103.9	4254	39,39
80	163.8	113.6	40.76	50.89	105.5	133.2	162.5	151.4	75- 80	75.15	4329	39.7,39.7
85	93.23	34.84	0	9.812	20.94	41.70	0	44.52	80- 85	42.65	4372	40.1,40.1
90	17.03	0	0	0	4.873	0	0	0	85- 90	8.021	4380	40.1,40.1
95	85.33	52.03	0	27.14	30.96	29.73	0.0000	52.51	90- 95	7.167	4387	40.2,40.2
100	159.6	145.3	42.86	88.67	64.42	146.2	194.6	219.2	95-100	43.47	4430	40.6,40.6
105	278.0	187.7	131.5	142.8	175.0	284.4	393.5	395.3	100-105	97.48	4528	41.5,41.5
110	436.8	293.4	220.2	287.9	354.0	489.3	592.4	668.6	105-110	169.4	4697	43.1,43.1
115	688.0	482.3	442.6	494.0	600.7	735.7	904.7	935.9	110-115	269.6	4967	45.5,45.5
120	1011	754.0	664.9	751.4	919.5	1022	1217	1194	115-120	385.3	5352	49.1,49.1
125	1293	1039	958.7	1046	1241	1303	1434	1427	120-125	496.5	5849	53.6,53.6
130	1527	1337	1253	1331	1498	1565	1651	1650	125-130	583.5	6432	59,59
135	1728	1541	1475	1541	1697	1750	1819	1813	130-135	633.6	7066	64.8,64.8
140	1886	1757	1697	1740	1869	1922	1987	1967	135-140	651.5	7717	70.7,70.7
145	2023	1903	1859	1900	2018	2061	2107	2090	140-145	641.3	8358	76.6,76.6
150	2129	2040	2020	2048	2143	2188	2228	2215	145-150	607.4	8966	82.2,82.2
155	2246	2169	2142	2171	2248	2291	2312	2311	150-155	551.9	9518	87.2,87.2
160	2335	2285	2264	2270	2332	2367	2396	2382	155-160	478.6	9996	91.6,91.6
165	2414	2382	2344	2360	2399	2435	2443	2445	160-165	389.5	10386	95.2,95.2
170	2460	2432	2424	2420	2450	2467	2490	2474	165-170	287.8	10674	97.8,97.8
175	2486	2466	2458	2461	2481	2485	2491	2489	170-175	176.2	10850	99.5,99.5
180	2492	2492	2492	2492	2492	2492	2492	2492	175-180	59.36	10909	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

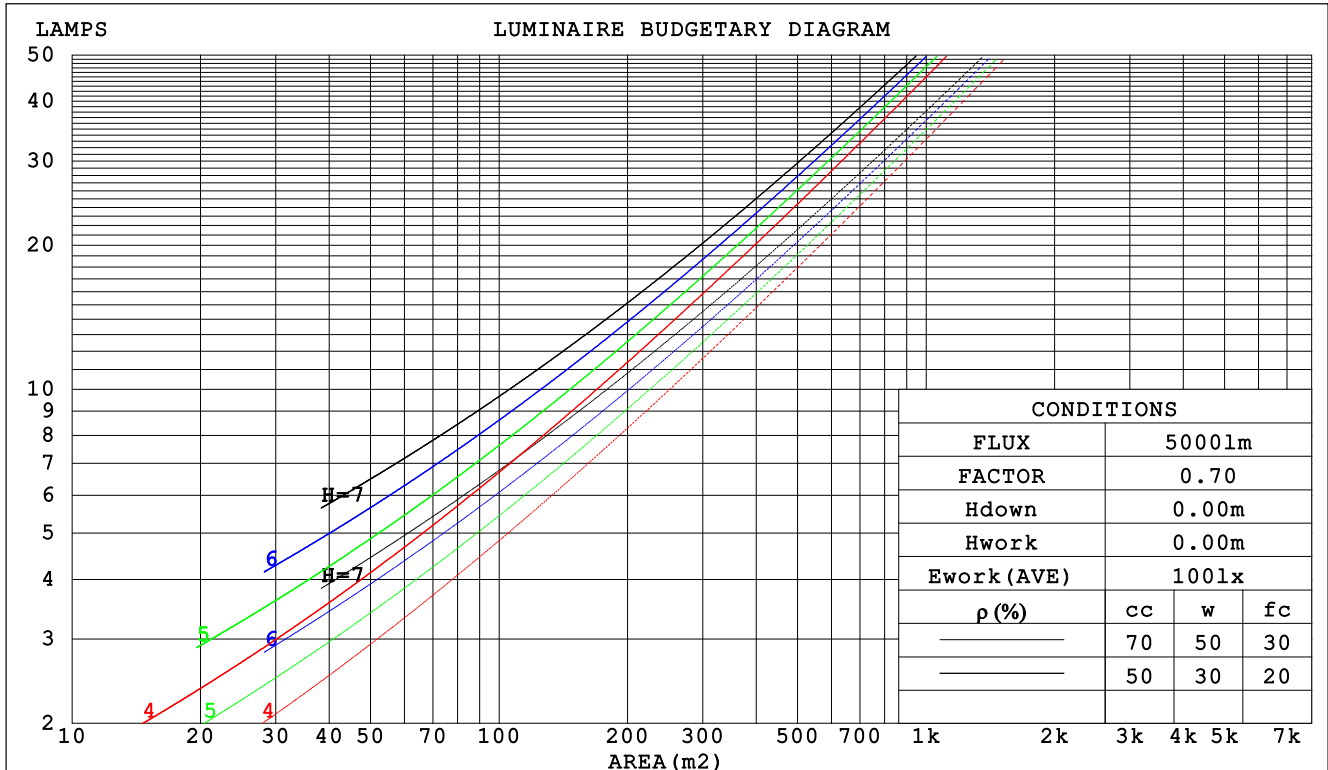
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.500m [K=1.1765]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: FS0035	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	1.05	1.05	1.05	.95	.95	.95	.78	.78	.78	.62	.62	.62	.47	.47	.47	.40
1.0	.92	.88	.85	.84	.81	.78	.69	.67	.65	.55	.54	.53	.42	.42	.41	.35
2.0	.81	.75	.71	.74	.69	.65	.61	.58	.55	.49	.47	.45	.38	.37	.35	.30
3.0	.72	.65	.59	.66	.60	.55	.54	.50	.47	.44	.41	.39	.34	.32	.31	.26
4.0	.64	.56	.51	.59	.52	.47	.49	.44	.40	.40	.36	.33	.31	.29	.27	.23
5.0	.57	.49	.44	.53	.46	.41	.44	.39	.35	.36	.32	.29	.28	.26	.24	.20
6.0	.51	.44	.38	.47	.41	.36	.40	.35	.31	.32	.29	.26	.26	.23	.21	.18
7.0	.46	.39	.34	.43	.36	.31	.36	.31	.27	.30	.26	.23	.24	.21	.19	.16
8.0	.42	.35	.30	.39	.32	.28	.33	.28	.24	.27	.23	.21	.22	.19	.17	.15
9.0	.39	.31	.27	.36	.29	.25	.30	.25	.22	.25	.21	.19	.20	.18	.16	.13
10.0	.35	.28	.24	.33	.27	.22	.28	.23	.20	.23	.20	.17	.19	.16	.14	.12



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.500m [K=1.1765]
Remarks:

WEC AND CCEC

NAME: FS0035	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	.260	.148	.047	.235	.134	.043	.188	.108	.035	.145	.084	.027	.106	.061	.020	
2.0	.243	.133	.041	.220	.121	.037	.177	.099	.031	.138	.077	.024	.102	.057	.018	
3.0	.226	.120	.036	.205	.110	.033	.166	.090	.027	.130	.071	.022	.096	.053	.016	
4.0	.210	.109	.032	.191	.100	.030	.155	.082	.025	.121	.065	.020	.090	.049	.015	
5.0	.196	.100	.029	.178	.091	.027	.145	.075	.022	.114	.060	.018	.085	.045	.014	
6.0	.183	.092	.026	.166	.084	.024	.136	.070	.020	.107	.056	.016	.080	.042	.013	
7.0	.171	.085	.024	.156	.078	.022	.128	.064	.019	.101	.052	.015	.076	.039	.012	
8.0	.161	.079	.022	.147	.072	.020	.120	.060	.017	.095	.048	.014	.072	.037	.011	
9.0	.151	.073	.020	.138	.067	.019	.113	.056	.016	.090	.045	.013	.068	.035	.010	
10.0	.143	.068	.019	.131	.063	.018	.107	.053	.015	.085	.042	.012	.065	.032	.009	

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	.647	.647	.647	.553	.553	.553	.377	.377	.377	.217	.217	.217	.069	.069	.069	
1.0	.637	.616	.598	.545	.529	.515	.373	.364	.356	.214	.211	.207	.069	.068	.067	
2.0	.629	.595	.567	.538	.512	.490	.369	.354	.342	.213	.206	.200	.068	.067	.065	
3.0	.621	.579	.546	.533	.500	.473	.366	.347	.332	.211	.203	.196	.068	.066	.064	
4.0	.615	.568	.532	.527	.490	.462	.363	.342	.325	.210	.200	.192	.068	.065	.063	
5.0	.608	.558	.521	.522	.483	.454	.360	.337	.320	.208	.198	.190	.067	.065	.063	
6.0	.602	.551	.514	.518	.477	.448	.357	.334	.317	.207	.196	.188	.067	.064	.062	
7.0	.597	.545	.509	.513	.472	.443	.355	.331	.314	.206	.195	.187	.067	.064	.062	
8.0	.591	.540	.504	.509	.468	.440	.352	.329	.312	.205	.194	.186	.066	.064	.062	
9.0	.586	.535	.501	.505	.465	.437	.350	.327	.310	.204	.193	.185	.066	.063	.061	
10.0	.581	.532	.499	.501	.462	.435	.348	.325	.309	.203	.192	.185	.066	.063	.061	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity:65.0%
 Test Distance:8.500m [K=1.1765]
 Remarks:

Uncorrected UGR Table

NAME: FS0035					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	14.6	15.4	15.5	16.3	17.5	12.4	13.3	13.4	14.2	15.4
3H	15.3	16.0	16.2	17.0	18.2	12.9	13.6	13.9	14.6	15.8
4H	15.6	16.3	16.6	17.3	18.5	13.1	13.7	14.0	14.7	16.0
6H	16.0	16.6	17.0	17.6	18.9	13.1	13.7	14.1	14.7	16.0
8H	16.2	16.8	17.2	17.8	19.1	13.0	13.6	14.0	14.6	15.9
12H	16.3	16.9	17.3	17.9	19.2	12.9	13.5	13.9	14.5	15.8
4H 2H	14.4	15.1	15.4	16.0	17.3	12.5	13.2	13.5	14.2	15.5
3H	15.2	15.8	16.2	16.8	18.1	13.2	13.7	14.2	14.7	16.1
4H	15.6	16.2	16.7	17.2	18.5	13.5	14.0	14.5	15.0	16.4
6H	16.2	16.6	17.2	17.6	19.0	13.6	14.1	14.7	15.1	16.5
8H	16.4	16.8	17.5	17.9	19.3	13.6	14.0	14.6	15.0	16.4
12H	16.6	17.0	17.7	18.0	19.4	13.5	13.9	14.6	14.9	16.3
8H 4H	15.6	16.0	16.7	17.1	18.4	13.6	14.1	14.7	15.1	16.5
6H	16.3	16.6	17.4	17.7	19.1	13.9	14.3	15.0	15.3	16.8
8H	16.7	17.0	17.8	18.0	19.5	14.0	14.3	15.1	15.3	16.8
12H	17.0	17.3	18.1	18.4	19.8	13.9	14.1	15.0	15.2	16.7
12H 4H	15.5	15.9	16.6	17.0	18.4	13.6	14.0	14.7	15.1	16.5
6H	16.3	16.6	17.4	17.6	19.1	14.0	14.3	15.1	15.4	16.8
8H	16.7	16.9	17.8	18.0	19.5	14.1	14.3	15.2	15.4	16.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.4					+ 0.8 / - 1.0				
1.5H	+ 0.2 / - 0.3					+ 0.6 / - 1.1				
2.0H	+ 0.9 / - 0.6					+ 1.6 / - 1.3				

CIE Pub.117 Corrected 10909 lm Total Lamp Luminous Flux. (8log(F/F0) = 8.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity: 65.0%
 Test Distance: 8.500m [K=1.1765]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: FS0035	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

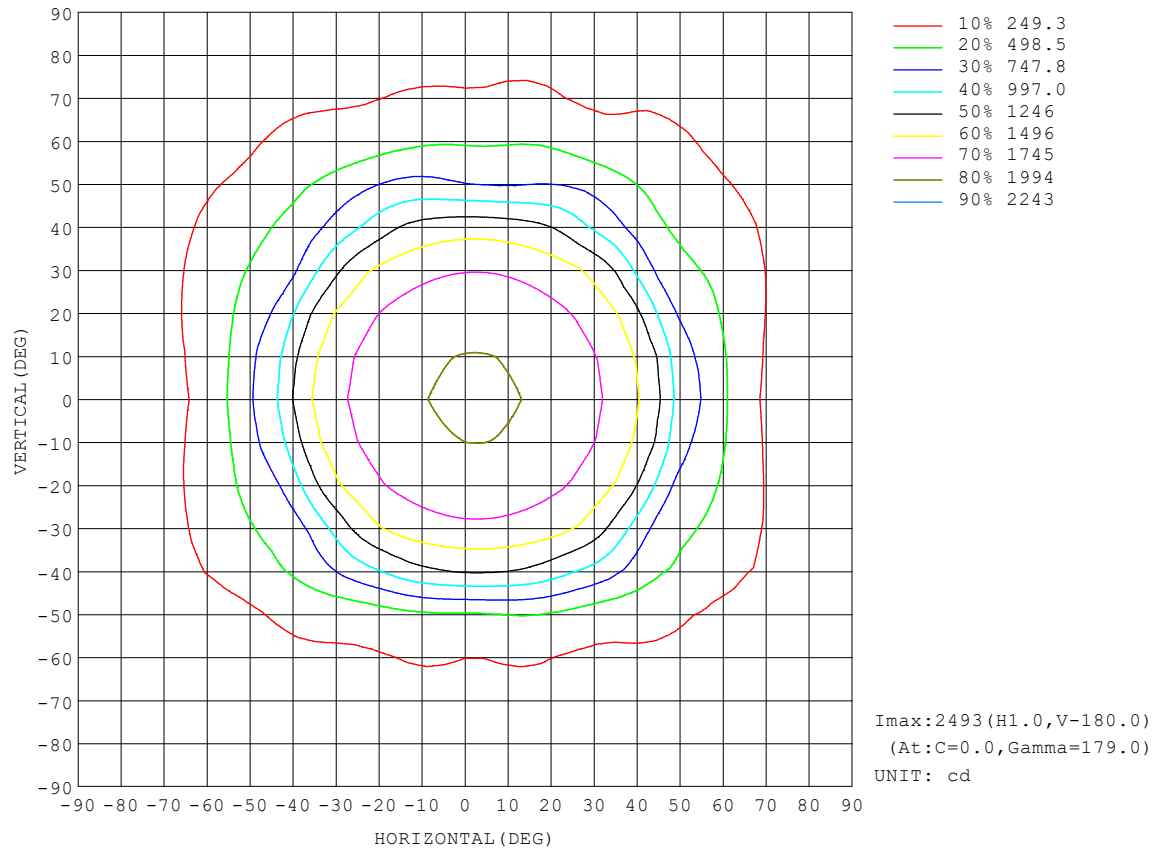
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	34	29	42	33	27	37	29	25	17
0.80	54	43	37	50	41	35	43	36	31	21
1.00	61	51	44	57	47	41	48	42	37	24
1.25	68	58	51	63	54	48	53	47	42	27
1.50	73	63	56	67	59	53	56	50	46	29
2.00	80	71	64	73	66	60	61	56	52	31
2.50	84	76	70	77	70	65	64	59	55	32
3.00	87	80	74	80	74	69	66	62	58	34
4.00	91	85	80	83	78	74	69	65	62	35
5.00	94	88	84	85	81	78	70	67	65	36
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity: 65.0%
 Test Distance: 8.500m [K=1.1765]
 Remarks:

ISOCANDELA DIAGRAM

NAME: FS0035	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

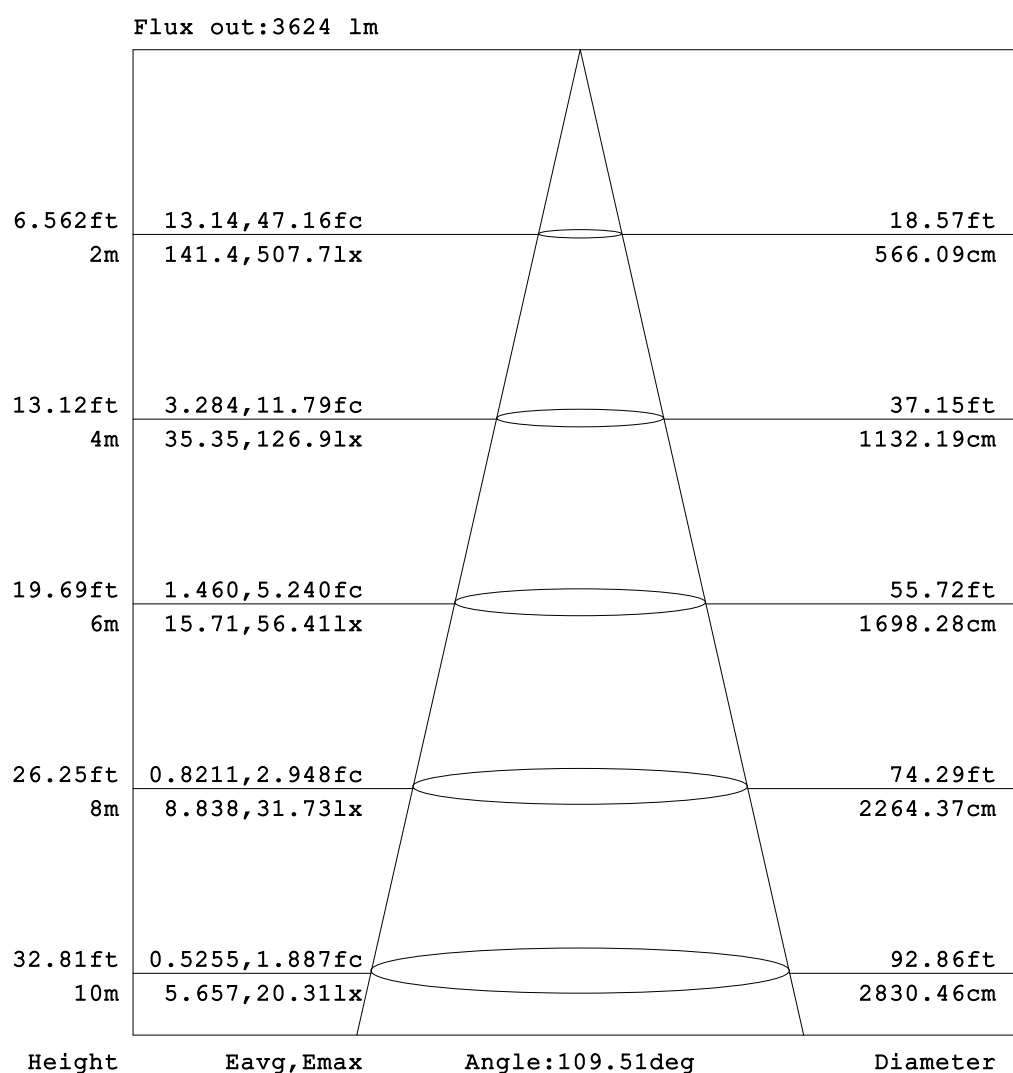


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.500m [K=1.1765]
Remarks:

AAI Figure

NAME: FS0035	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



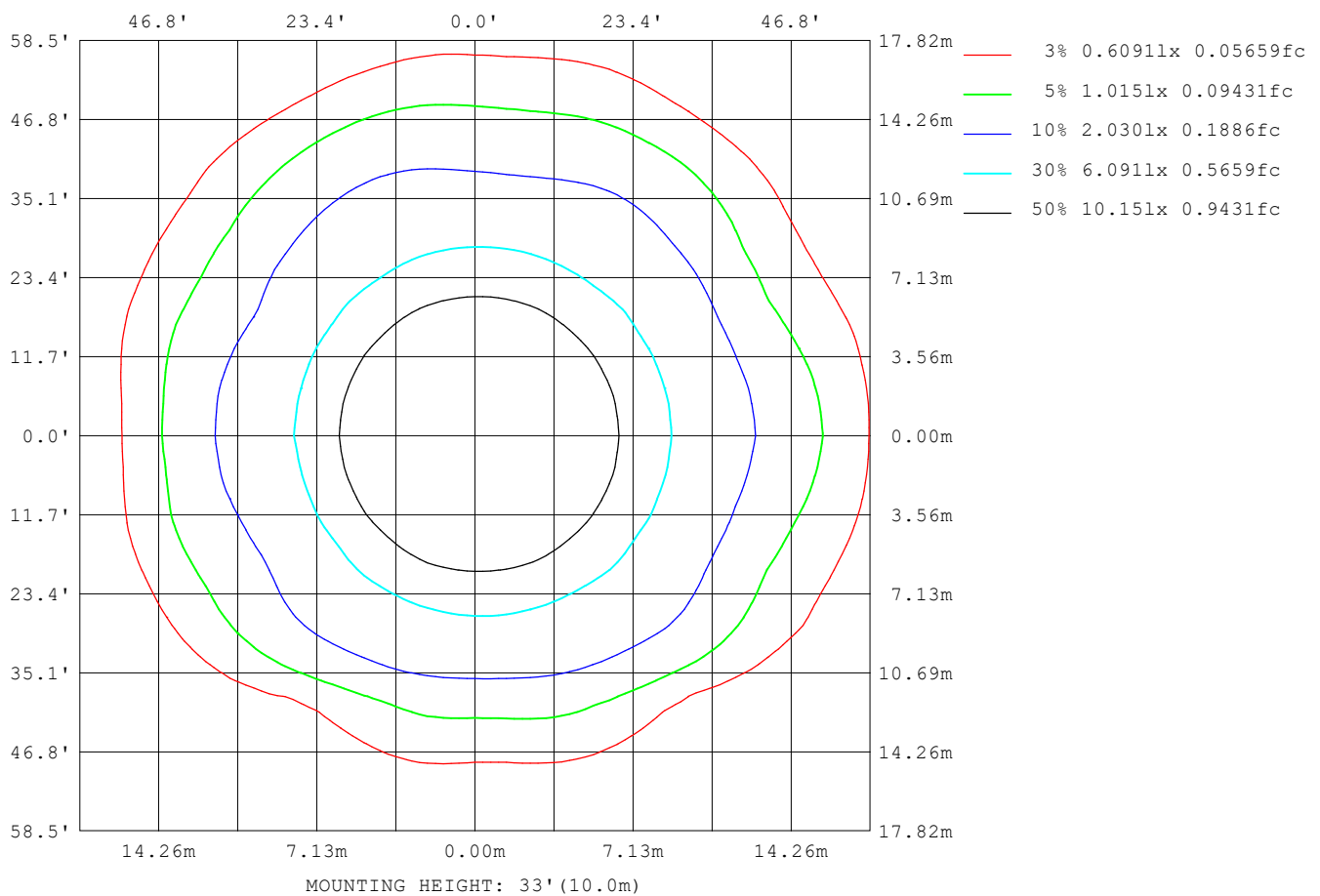
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.500m [K=1.1765]
Remarks:

ISOLUX DIAGRAM

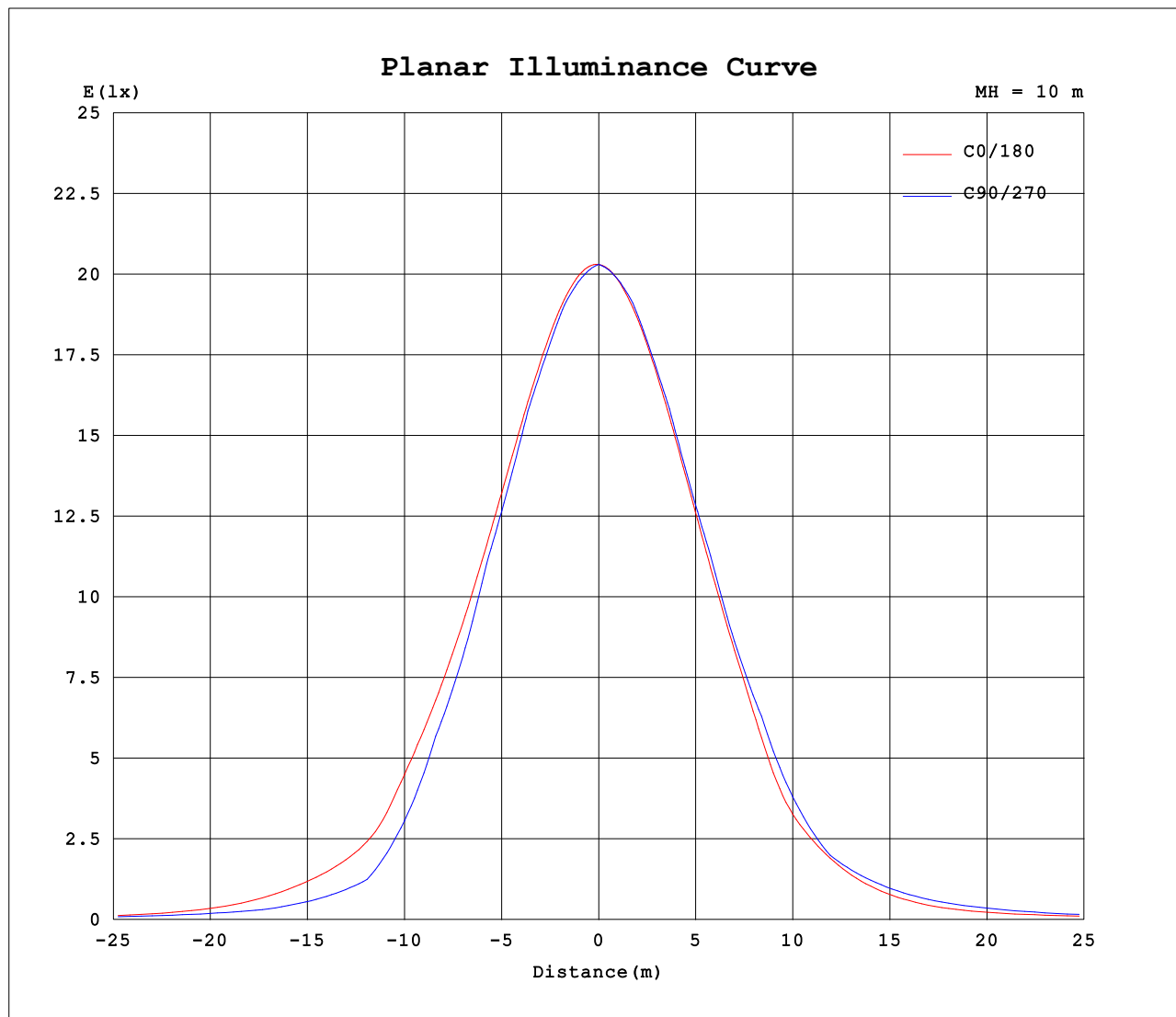
NAME: FS0035	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.500m [K=1.1765]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.500m [K=1.1765]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0035	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	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030
5	2029	2028	2027	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016	2016	2015	2014	2013	2013	2012
10	2013	2010	2007	2005	2004	2002	2001	2001	2000	2000	2000	2000	1999	1999	1998	1997	1996	1995	1994
15	1980	1977	1974	1972	1971	1970	1971	1972	1973	1970	1966	1963	1960	1958	1956	1953	1951	1949	1947
20	1935	1930	1927	1925	1926	1928	1928	1922	1916	1913	1911	1909	1908	1908	1907	1906	1905	1903	1900
25	1872	1866	1862	1862	1865	1861	1854	1849	1846	1846	1847	1840	1831	1824	1818	1812	1808	1803	1800
30	1787	1779	1776	1777	1774	1764	1758	1758	1757	1744	1735	1728	1723	1718	1714	1711	1707	1703	1699
35	1671	1660	1657	1660	1644	1637	1638	1624	1613	1608	1607	1607	1577	1551	1529	1513	1501	1491	1483
40	1515	1498	1496	1479	1464	1468	1436	1423	1431	1429	1385	1351	1330	1316	1303	1292	1284	1276	1266
45	1274	1243	1243	1195	1178	1155	1130	1133	1147	1135	1100	1070	1048	1019	985	945	908	882	869
50	915	887	864	829	813	791	794	827	851	848	794	741	702	665	622	573	522	484	471
55	743	711	672	619	589	559	575	590	582	539	470	412	409	419	420	408	386	365	361
60	544	538	526	507	486	469	464	426	379	314	291	284	290	296	300	292	273	253	251
65	342	355	384	394	380	352	316	291	275	250	224	204	206	217	228	228	220	209	207
70	224	246	278	290	264	210	205	199	192	196	194	187	183	181	180	175	172	166	164
75	186	197	204	196	159	148	146	154	158	163	165	158	146	135	127	120	114	107	102
80	164	158	139	115	119	129	132	125	118	114	109	101	91.1	81.4	72.7	63.9	55.3	47.4	40.8
85	93.2	75.9	73.9	97.5	98.2	92.5	84.6	63.1	47.1	34.8	25.3	17.8	11.8	7.37	4.24	2.12	0.82	0.18	0.00
90	17.0	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	85.3	59.1	42.3	62.6	95.2	126	141	107	76.7	52.0	33.0	19.5	10.4	5.06	2.66	1.42	0.62	0.16	0.00
100	160	101	72.5	76.5	98.5	121	138	152	155	145	126	104	82.5	64.3	52.4	46.5	43.0	42.1	42.9
105	278	237	205	195	195	200	211	212	204	188	166	150	147	151	143	136	132	132	132
110	437	427	395	378	354	333	329	320	299	293	289	284	277	274	258	241	228	223	220
115	688	663	627	598	566	536	512	491	492	482	471	467	469	465	458	453	446	444	443
120	1011	945	898	866	842	802	781	764	754	754	744	738	721	708	691	682	670	667	665
125	1293	1247	1205	1172	1138	1125	1093	1085	1060	1039	1029	1019	1016	1008	993	982	970	963	959
130	1527	1494	1464	1436	1408	1384	1364	1343	1321	1337	1307	1285	1284	1279	1274	1269	1264	1258	1253
135	1728	1688	1661	1632	1622	1595	1579	1573	1561	1541	1543	1553	1541	1522	1506	1500	1490	1481	1475
140	1886	1860	1847	1824	1797	1792	1773	1757	1751	1757	1735	1727	1722	1718	1716	1715	1710	1703	1697
145	2023	2004	1995	1994	1965	1950	1951	1935	1918	1903	1897	1897	1897	1885	1878	1878	1870	1864	1859
150	2129	2122	2120	2124	2114	2092	2073	2062	2057	2040	2033	2037	2034	2029	2030	2033	2028	2023	2020
155	2246	2232	2222	2215	2210	2198	2185	2177	2169	2169	2168	2169	2161	2159	2160	2155	2149	2145	2142
160	2335	2323	2314	2307	2303	2301	2297	2288	2284	2285	2281	2275	2275	2276	2273	2270	2268	2266	2264
165	2414	2405	2398	2392	2390	2389	2390	2390	2390	2382	2375	2369	2363	2358	2354	2351	2347	2345	2344
170	2460	2455	2450	2446	2442	2440	2437	2435	2433	2432	2431	2430	2429	2428	2427	2426	2425	2424	2424
175	2486	2483	2480	2478	2476	2473	2472	2470	2468	2466	2465	2464	2462	2461	2460	2459	2459	2458	2458
180	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.500m [K=1.1765]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0035	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	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030
5	2011	2011	2010	2010	2009	2009	2008	2008	2008	2008	2008	2009	2009	2010	2011	2012	2014	2015	2014
10	1992	1990	1989	1987	1985	1983	1981	1980	1978	1977	1976	1976	1976	1976	1978	1979	1982	1985	1982
15	1945	1942	1940	1938	1937	1936	1935	1936	1937	1938	1935	1933	1931	1931	1932	1934	1937	1941	1938
20	1897	1893	1888	1884	1880	1875	1872	1869	1868	1867	1870	1874	1872	1868	1867	1869	1873	1880	1875
25	1796	1792	1789	1787	1786	1787	1789	1791	1783	1777	1774	1775	1779	1781	1777	1778	1784	1794	1788
30	1694	1688	1681	1675	1668	1661	1655	1651	1652	1660	1655	1649	1648	1653	1656	1656	1663	1678	1669
35	1475	1471	1472	1476	1482	1490	1502	1480	1460	1452	1463	1479	1464	1463	1484	1484	1494	1519	1507
40	1254	1243	1238	1233	1219	1212	1218	1216	1197	1162	1156	1164	1171	1160	1175	1194	1212	1255	1240
45	868	877	892	904	906	918	935	933	907	865	818	814	821	829	850	888	898	924	917
50	481	502	522	541	561	589	627	661	675	651	616	592	616	641	670	697	704	720	719
55	371	379	373	358	339	323	344	414	461	487	502	493	503	515	522	506	500	511	512
60	267	281	279	268	258	257	268	287	307	333	355	368	372	382	379	361	344	331	347
65	215	220	217	208	200	204	210	220	230	231	226	242	273	292	294	278	256	241	256
70	162	161	163	162	160	160	160	160	161	163	169	171	180	211	221	217	213	211	216
75	97.7	94.9	97.1	99.9	102	105	105	103	101	101	108	120	124	128	147	160	164	167	169
80	32.7	28.2	29.4	32.9	35.8	40.2	44.8	48.4	50.9	53.4	53.7	47.5	57.2	70.0	76.7	91.2	98.2	105	114
85	0.12	0.40	0.87	1.59	2.42	3.60	5.24	7.32	9.81	16.1	27.6	41.0	44.3	44.1	45.1	27.1	18.4	20.9	44.9
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	4.87	0.00
95	0.18	0.77	1.84	3.49	5.87	8.87	12.5	18.1	27.1	40.4	55.3	73.8	71.1	60.3	48.8	39.3	42.3	31.0	17.2
100	46.7	52.3	57.7	63.7	70.2	75.3	78.8	83.5	88.7	89.9	84.3	74.3	76.4	72.6	61.9	53.8	52.9	64.4	68.7
105	133	135	138	141	143	143	141	138	143	152	154	151	151	147	146	143	149	175	187
110	220	226	235	247	259	272	283	289	288	280	286	287	285	292	295	300	307	354	367
115	442	443	446	451	456	462	469	484	494	490	477	485	496	508	517	542	540	601	624
120	665	668	673	682	696	714	734	750	751	752	761	766	777	803	825	837	851	920	938
125	957	959	963	970	981	994	1009	1026	1046	1065	1074	1080	1102	1125	1168	1169	1191	1241	1255
130	1248	1244	1242	1242	1246	1256	1275	1300	1331	1335	1343	1367	1388	1416	1440	1452	1468	1498	1502
135	1471	1469	1470	1476	1489	1507	1524	1532	1541	1555	1576	1584	1607	1632	1640	1659	1671	1697	1702
140	1693	1689	1687	1688	1692	1699	1709	1722	1740	1749	1760	1775	1797	1801	1815	1829	1843	1869	1872
145	1857	1856	1857	1861	1869	1878	1890	1893	1900	1912	1928	1944	1948	1958	1974	1981	1995	2018	2019
150	2019	2019	2019	2019	2021	2024	2029	2036	2048	2062	2067	2073	2083	2096	2105	2111	2124	2143	2144
155	2141	2141	2143	2145	2149	2154	2162	2170	2171	2175	2181	2191	2203	2211	2214	2221	2232	2248	2249
160	2262	2262	2261	2261	2260	2261	2263	2265	2270	2276	2285	2296	2298	2300	2304	2311	2320	2332	2333
165	2343	2343	2343	2344	2346	2348	2351	2355	2360	2366	2366	2367	2369	2372	2377	2383	2390	2399	2400
170	2423	2422	2421	2420	2420	2419	2419	2419	2420	2420	2422	2424	2426	2429	2433	2438	2444	2450	2450
175	2458	2458	2458	2458	2458	2459	2459	2460	2461	2462	2464	2466	2468	2470	2472	2475	2478	2481	2481
180	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.500m [K=1.1765]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0035	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	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030
5	2013	2012	2011	2011	2010	2010	2010	2010	2011	2011	2011	2012	2013	2013	2014	2015	2015	2016	2016
10	1981	1980	1979	1979	1979	1980	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999	2000	2001	2002
15	1936	1935	1936	1937	1940	1942	1946	1945	1944	1944	1945	1946	1947	1949	1951	1953	1955	1956	1958
20	1873	1873	1876	1881	1885	1882	1881	1882	1884	1886	1889	1893	1897	1900	1904	1906	1909	1911	1913
25	1786	1789	1795	1796	1794	1795	1799	1806	1813	1812	1811	1810	1812	1814	1816	1819	1822	1825	1829
30	1668	1673	1676	1675	1678	1685	1693	1690	1691	1695	1700	1706	1713	1719	1726	1731	1735	1739	1742
35	1507	1516	1507	1514	1530	1520	1518	1528	1544	1561	1555	1553	1554	1555	1559	1564	1569	1574	1580
40	1248	1245	1244	1264	1259	1260	1274	1305	1311	1314	1323	1343	1363	1375	1384	1394	1402	1408	1410
45	927	912	918	915	917	941	981	1010	1027	1039	1073	1107	1126	1123	1107	1088	1078	1078	1088
50	725	709	690	659	633	680	724	752	790	823	850	872	880	863	827	783	753	744	753
55	527	543	550	540	536	546	556	585	609	632	648	658	665	662	651	630	611	603	608
60	378	404	420	420	425	430	441	461	463	457	450	451	462	469	478	479	470	468	483
65	284	314	322	315	309	308	336	356	348	318	306	317	345	366	381	382	373	372	388
70	226	239	246	243	236	238	253	268	270	260	253	253	267	284	292	287	276	275	295
75	173	173	175	178	174	179	185	192	198	200	201	200	206	214	220	221	219	226	240
80	121	119	120	123	125	127	129	133	141	147	150	151	151	148	149	154	162	176	187
85	58.8	63.6	65.0	68.2	71.7	60.2	50.3	41.7	34.3	27.9	20.8	14.6	9.24	5.04	2.25	0.58	0.00	0.67	2.84
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	15.4	16.7	21.1	25.1	23.5	27.2	29.6	29.7	28.0	24.8	20.5	15.5	10.4	6.07	2.79	0.72	0.00	0.76	3.04
100	73.5	79.6	89.2	97.1	102	117	134	146	157	165	174	181	183	185	187	190	195	200	204
105	194	203	215	229	244	259	275	284	297	310	324	338	350	362	374	384	394	403	410
110	377	387	407	416	434	454	468	489	507	521	530	539	548	557	568	579	592	607	622
115	637	641	658	675	685	697	718	736	752	773	799	822	843	861	877	891	905	919	932
120	952	960	972	975	990	993	1000	1022	1041	1059	1079	1103	1129	1157	1182	1201	1217	1229	1235
125	1263	1279	1269	1274	1277	1295	1297	1303	1318	1343	1358	1368	1381	1396	1411	1423	1434	1442	1447
130	1515	1520	1523	1521	1529	1530	1544	1565	1565	1571	1582	1594	1608	1622	1634	1642	1651	1655	1656
135	1720	1717	1728	1728	1727	1740	1741	1750	1763	1780	1785	1788	1795	1801	1806	1812	1819	1822	1825
140	1887	1893	1895	1908	1903	1904	1912	1922	1925	1932	1941	1950	1960	1968	1974	1981	1987	1989	1989
145	2029	2043	2040	2045	2055	2054	2056	2061	2070	2080	2083	2087	2091	2094	2098	2102	2107	2110	2111
150	2150	2162	2170	2170	2174	2181	2188	2188	2189	2193	2198	2204	2209	2213	2218	2222	2228	2230	2230
155	2254	2262	2274	2279	2278	2280	2284	2291	2299	2299	2300	2301	2302	2303	2306	2308	2312	2314	2315
160	2336	2342	2349	2359	2367	2365	2366	2367	2370	2374	2378	2380	2384	2388	2390	2393	2396	2397	2398
165	2401	2405	2409	2415	2421	2428	2435	2435	2434	2434	2435	2435	2437	2438	2440	2441	2443	2444	2445
170	2450	2452	2453	2456	2458	2461	2464	2467	2470	2473	2477	2480	2483	2485	2487	2489	2490	2490	2490
175	2481	2481	2481	2482	2482	2483	2484	2485	2486	2487	2487	2488	2489	2490	2490	2491	2491	2491	2491
180	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.500m [K=1.1765]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: FS0035	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	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030	2030				
5	2017	2018	2018	2019	2019	2020	2021	2021	2022	2023	2024	2025	2026	2027	2028				
10	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2004	2005	2006	2008	2010				
15	1960	1961	1963	1965	1967	1970	1973	1976	1975	1973	1972	1972	1973	1975	1977				
20	1914	1915	1915	1915	1916	1917	1919	1922	1926	1932	1931	1928	1928	1928	1931				
25	1832	1836	1840	1845	1851	1857	1855	1855	1857	1861	1868	1870	1867	1865	1867				
30	1744	1745	1746	1748	1751	1755	1761	1771	1771	1771	1774	1782	1784	1780	1781				
35	1586	1595	1606	1623	1641	1638	1636	1639	1647	1657	1654	1658	1672	1666	1664				
40	1412	1413	1417	1421	1431	1443	1473	1478	1471	1475	1494	1489	1501	1510	1505				
45	1112	1145	1176	1193	1183	1164	1180	1210	1216	1186	1207	1222	1230	1276	1260				
50	788	843	893	924	922	900	873	887	871	843	835	850	870	903	908				
55	627	655	677	692	710	702	682	648	607	590	571	608	649	699	730				
60	502	516	515	507	509	514	516	502	479	471	476	496	523	535	543				
65	403	402	380	345	319	338	375	395	398	387	390	402	405	387	359				
70	309	302	280	257	251	264	290	308	310	294	294	304	307	288	249				
75	245	235	216	200	199	216	227	222	213	197	187	204	216	211	196				
80	185	181	172	167	160	153	151	149	143	142	146	147	153	156	162				
85	6.36	11.1	16.8	24.2	31.4	36.5	44.5	61.1	87.3	120	125	126	122	114	101				
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	6.84	12.0	18.3	26.1	34.3	43.1	52.5	62.3	71.4	80.2	81.4	80.9	79.6	81.1	68.0				
100	209	212	216	221	223	224	219	213	203	194	198	199	179	160	162				
105	416	419	419	417	411	402	395	396	386	377	358	324	309	292	276				
110	636	650	659	668	676	678	669	655	616	584	547	539	523	498	463				
115	945	958	967	974	982	968	936	902	865	841	835	822	810	781	736				
120	1238	1238	1235	1223	1220	1212	1194	1165	1141	1133	1120	1120	1102	1076	1046				
125	1451	1452	1454	1448	1446	1440	1427	1416	1404	1383	1382	1372	1376	1348	1318				
130	1655	1652	1652	1648	1642	1646	1650	1630	1611	1605	1591	1580	1574	1565	1543				
135	1826	1828	1831	1838	1829	1820	1813	1808	1807	1784	1774	1765	1748	1744	1729				
140	1988	1985	1982	1981	1978	1966	1967	1960	1952	1947	1942	1919	1908	1899	1887				
145	2112	2112	2112	2114	2115	2107	2090	2086	2085	2084	2073	2060	2055	2038	2027				
150	2229	2227	2224	2221	2219	2217	2215	2207	2196	2189	2185	2185	2174	2155	2140				
155	2316	2317	2317	2317	2319	2319	2311	2303	2293	2285	2283	2278	2266	2256	2249				
160	2397	2395	2394	2391	2388	2385	2382	2381	2380	2381	2370	2356	2346	2339	2336				
165	2445	2444	2444	2444	2444	2444	2445	2445	2439	2433	2427	2422	2418	2415	2414				
170	2489	2487	2485	2482	2479	2477	2474	2471	2469	2466	2464	2462	2461	2460	2460				
175	2491	2491	2491	2491	2490	2490	2489	2488	2488	2487	2487	2486	2486	2486	2486				
180	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492	2492				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.500m [K=1.1765]
Remarks: