

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	4770	4769	4604	4404	4138	4336	4508	4734	0- 5	105.1	105.1	1.34,1.34
10	5283	5152	5056	4892	4761	4800	4864	5168	5- 10	343.8	448.9	5.72,5.72
15	5078	4957	4671	5101	5283	5074	4626	5065	10- 15	595.4	1044	13.3,13.3
20	3984	3953	4285	4412	4794	4414	4388	4014	15- 20	762.0	1806	23,23
25	2577	2662	2951	3293	3451	3207	2919	2647	20- 25	760.2	2567	32.7,32.7
30	943.9	1307	1618	1902	1703	1756	1451	1291	25- 30	551.3	3118	39.8,39.8
35	230.8	413.7	849.5	742.2	514.9	677.5	766.0	433.5	30- 35	271.9	3390	43.2,43.2
40	12.11	57.80	81.23	155.8	115.1	152.2	81.28	68.53	35- 40	100.9	3491	44.5,44.5
45	3.379	21.13	51.17	45.88	4.624	39.73	41.59	16.04	40- 45	20.23	3511	44.8,44.8
50	2.400	12.03	21.11	12.99	2.280	2.799	1.892	2.009	45- 50	5.638	3517	44.8,44.8
55	1.973	10.46	18.05	10.38	1.687	1.827	1.614	1.369	50- 55	2.880	3519	44.9,44.9
60	1.602	9.803	14.99	9.028	1.378	1.305	1.335	1.011	55- 60	2.504	3522	44.9,44.9
65	1.293	9.463	13.45	8.503	1.181	1.158	1.311	0.9749	60- 65	2.344	3524	44.9,44.9
70	1.113	9.247	11.91	8.329	1.001	1.091	1.286	0.9732	65- 70	2.288	3527	45,45
75	1.109	8.955	11.01	8.296	0.9028	1.142	1.339	1.025	70- 75	2.283	3529	45,45
80	1.255	8.672	10.11	8.305	0.9276	1.182	1.391	1.187	75- 80	2.332	3531	45,45
85	1.395	3.504	0	3.422	0.8927	0.4977	0	0.5267	80- 85	1.872	3533	45.1,45.1
90	1.422	0	0	0	2.930	0	0	0	85- 90	0.4687	3534	45.1,45.1
95	9.448	5.314	0	6.186	5.793	6.442	0.0000	6.453	90- 95	1.128	3535	45.1,45.1
100	20.85	60.73	114.2	56.85	10.97	46.46	78.15	52.93	95-100	15.10	3550	45.3,45.3
105	132.1	164.7	240.5	147.3	77.84	118.9	210.2	137.2	100-105	55.17	3605	46,46
110	282.5	353.8	366.7	345.5	186.3	309.5	342.3	335.7	105-110	119.9	3725	47.5,47.5
115	561.9	523.4	529.4	520.1	428.4	488.2	515.1	515.0	110-115	206.9	3932	50.1,50.1
120	724.0	685.4	692.0	679.2	630.8	650.7	688.0	679.6	115-120	287.9	4220	53.8,53.8
125	870.0	836.0	836.6	821.1	784.3	796.8	825.7	825.4	120-125	346.0	4566	58.2,58.2
130	1003	982.8	981.2	960.0	924.4	936.9	963.5	967.4	125-130	387.9	4953	63.2,63.2
135	1124	1104	1091	1071	1052	1048	1073	1083	130-135	412.4	5366	68.4,68.4
140	1230	1221	1201	1183	1169	1161	1182	1196	135-140	420.7	5787	73.8,73.8
145	1323	1311	1289	1275	1278	1259	1265	1288	140-145	413.0	6200	79.1,79.1
150	1400	1392	1377	1361	1366	1353	1348	1372	145-150	391.0	6591	84,84
155	1465	1460	1442	1433	1437	1432	1425	1445	150-155	355.7	6946	88.6,88.6
160	1517	1511	1508	1489	1495	1491	1502	1502	155-160	308.7	7255	92.5,92.5
165	1556	1556	1543	1539	1540	1543	1541	1553	160-165	251.0	7506	95.7,95.7
170	1584	1579	1579	1569	1572	1571	1581	1579	165-170	185.1	7691	98.1,98.1
175	1599	1593	1590	1588	1593	1589	1591	1593	170-175	113.3	7804	99.5,99.5
180	1601	1601	1601	1601	1601	1601	1601	1601	175-180	38.14	7843	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

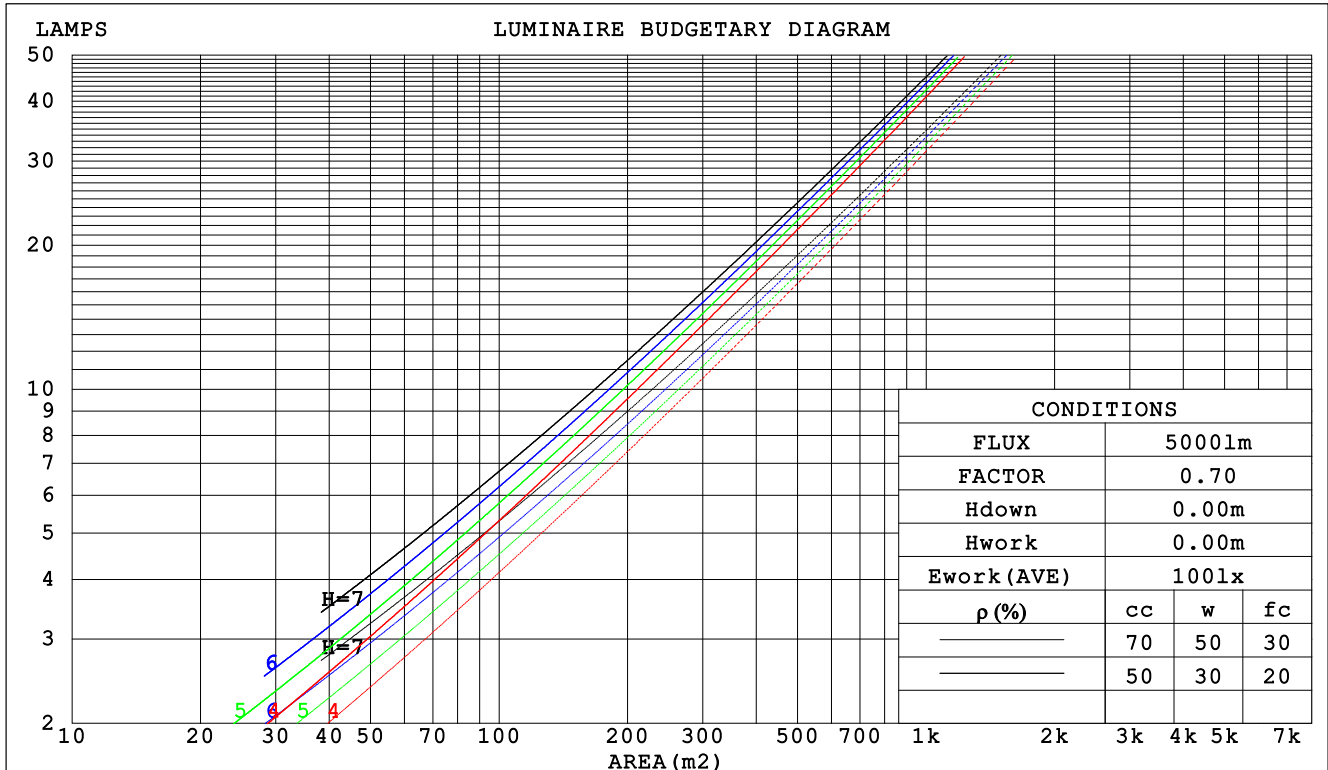
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2025-12-06

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: CL1226-A09	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	1.06	1.06	1.06	.97	.97	.97	.81	.81	.81	.65	.65	.65	.52	.52	.52	.45
1.0	.96	.93	.90	.88	.86	.83	.74	.72	.71	.61	.60	.59	.49	.49	.48	.43
2.0	.87	.82	.78	.80	.76	.73	.68	.66	.63	.57	.55	.54	.47	.46	.45	.40
3.0	.79	.74	.69	.74	.69	.65	.63	.60	.57	.53	.51	.49	.44	.43	.42	.38
4.0	.73	.66	.62	.68	.63	.58	.59	.55	.52	.50	.48	.46	.42	.41	.39	.36
5.0	.67	.61	.56	.63	.57	.53	.55	.51	.48	.47	.44	.42	.40	.39	.37	.34
6.0	.62	.55	.51	.58	.53	.48	.51	.47	.44	.44	.42	.39	.38	.36	.35	.32
7.0	.57	.51	.47	.54	.49	.45	.48	.44	.41	.42	.39	.37	.36	.35	.33	.31
8.0	.54	.47	.43	.51	.45	.41	.45	.41	.38	.40	.37	.35	.35	.33	.31	.29
9.0	.50	.44	.40	.47	.42	.38	.42	.38	.35	.38	.35	.32	.33	.31	.30	.28
10.0	.47	.41	.37	.45	.39	.36	.40	.36	.33	.36	.33	.31	.32	.30	.28	.26



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-06

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: CL1226-A09	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	.215	.122	.039	.191	.109	.035	.147	.085	.027	.107	.062	.020	.070	.041	.013	
2.0	.199	.109	.033	.178	.098	.030	.138	.077	.024	.102	.057	.018	.068	.038	.012	
3.0	.185	.099	.030	.166	.089	.027	.130	.070	.021	.096	.053	.016	.065	.036	.011	
4.0	.173	.090	.026	.156	.081	.024	.123	.065	.019	.092	.049	.015	.063	.034	.010	
5.0	.162	.083	.024	.146	.075	.022	.116	.060	.018	.087	.046	.014	.061	.032	.010	
6.0	.153	.077	.022	.138	.070	.020	.110	.056	.016	.083	.043	.013	.059	.031	.009	
7.0	.144	.071	.020	.130	.065	.019	.104	.053	.015	.080	.041	.012	.057	.029	.009	
8.0	.136	.067	.019	.123	.061	.017	.099	.050	.014	.076	.039	.011	.055	.028	.008	
9.0	.129	.062	.017	.117	.057	.016	.094	.047	.013	.073	.037	.010	.053	.027	.008	
10.0	.123	.059	.016	.112	.054	.015	.090	.044	.012	.070	.035	.010	.051	.026	.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	.609	.609	.609	.521	.521	.521	.355	.355	.355	.204	.204	.204	.065	.065	.065	
1.0	.596	.579	.564	.510	.497	.485	.349	.342	.336	.201	.198	.195	.064	.064	.063	
2.0	.585	.557	.534	.501	.480	.462	.343	.332	.322	.198	.193	.189	.063	.062	.062	
3.0	.575	.541	.513	.493	.467	.445	.339	.324	.312	.196	.189	.184	.063	.061	.060	
4.0	.567	.528	.499	.487	.457	.433	.335	.318	.305	.194	.186	.180	.062	.061	.059	
5.0	.560	.518	.488	.481	.449	.424	.331	.313	.300	.192	.184	.178	.062	.060	.059	
6.0	.554	.511	.480	.476	.442	.418	.328	.310	.296	.190	.182	.176	.061	.060	.058	
7.0	.548	.504	.474	.471	.437	.413	.326	.306	.292	.189	.180	.174	.061	.059	.058	
8.0	.542	.499	.469	.467	.433	.409	.323	.304	.290	.188	.179	.173	.061	.059	.057	
9.0	.538	.494	.465	.463	.429	.406	.321	.302	.288	.187	.178	.172	.061	.058	.057	
10.0	.533	.490	.462	.460	.426	.403	.319	.300	.286	.186	.177	.171	.060	.058	.057	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-06

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: CL1226-A09					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					1.4	2.1	2.3	2.9	4.0	7.3	8.0	8.2	8.8	9.9
3H					1.1	1.7	2.0	2.6	3.7	7.0	7.7	8.0	8.5	9.7
4H					1.0	1.5	1.9	2.4	3.6	7.0	7.5	7.9	8.4	9.6
6H					0.8	1.4	1.8	2.3	3.5	6.9	7.5	7.9	8.4	9.6
8H					0.8	1.3	1.8	2.2	3.5	6.9	7.4	7.9	8.3	9.6
12H					0.8	1.3	1.8	2.2	3.5	6.8	7.3	7.8	8.2	9.5
4H 2H					1.0	1.6	1.9	2.5	3.6	6.8	7.4	7.7	8.3	9.4
3H					0.8	1.2	1.7	2.2	3.4	6.6	7.1	7.6	8.0	9.2
4H					0.7	1.2	1.7	2.1	3.4	6.5	7.0	7.5	7.9	9.2
6H					0.8	1.2	1.8	2.2	3.5	6.6	7.0	7.6	8.0	9.3
8H					1.0	1.3	2.0	2.3	3.6	6.6	6.9	7.6	7.9	9.3
12H					1.2	1.5	2.2	2.5	3.8	6.5	6.8	7.6	7.8	9.2
8H 4H					0.8	1.1	1.8	2.1	3.4	6.3	6.7	7.3	7.7	9.0
6H					1.2	1.5	2.3	2.5	3.9	6.5	6.8	7.5	7.8	9.1
8H					1.7	1.9	2.7	2.9	4.3	6.5	6.8	7.6	7.8	9.2
12H					2.3	2.5	3.4	3.6	5.0	6.5	6.7	7.5	7.7	9.1
12H 4H					0.8	1.1	1.9	2.1	3.5	6.2	6.5	7.3	7.6	8.9
6H					1.4	1.7	2.5	2.7	4.1	6.4	6.7	7.5	7.7	9.1
8H					2.0	2.2	3.1	3.3	4.6	6.5	6.7	7.6	7.8	9.2
Variations with the observer position at spacings:														
S = 1.0H					+ 1.1 / - 0.6					+ 4.0 / - 3.7				
1.5H					+ 2.3 / - 0.5					+ 6.6 / - 3.7				
2.0H					+ 0.3 / - 0.4					+ 1.0 / - 0.4				

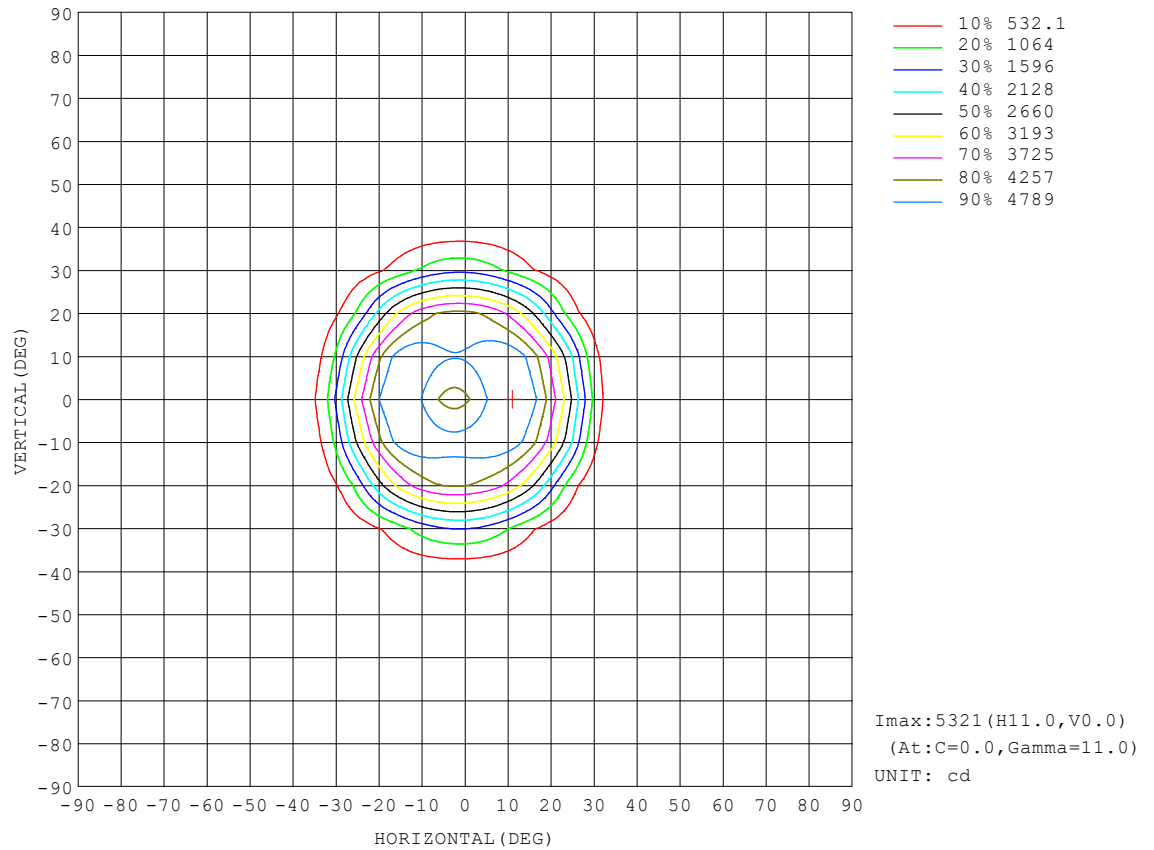
CIE Pub.117 Corrected 7843 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.2)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-12-06

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: CL1226-A09	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

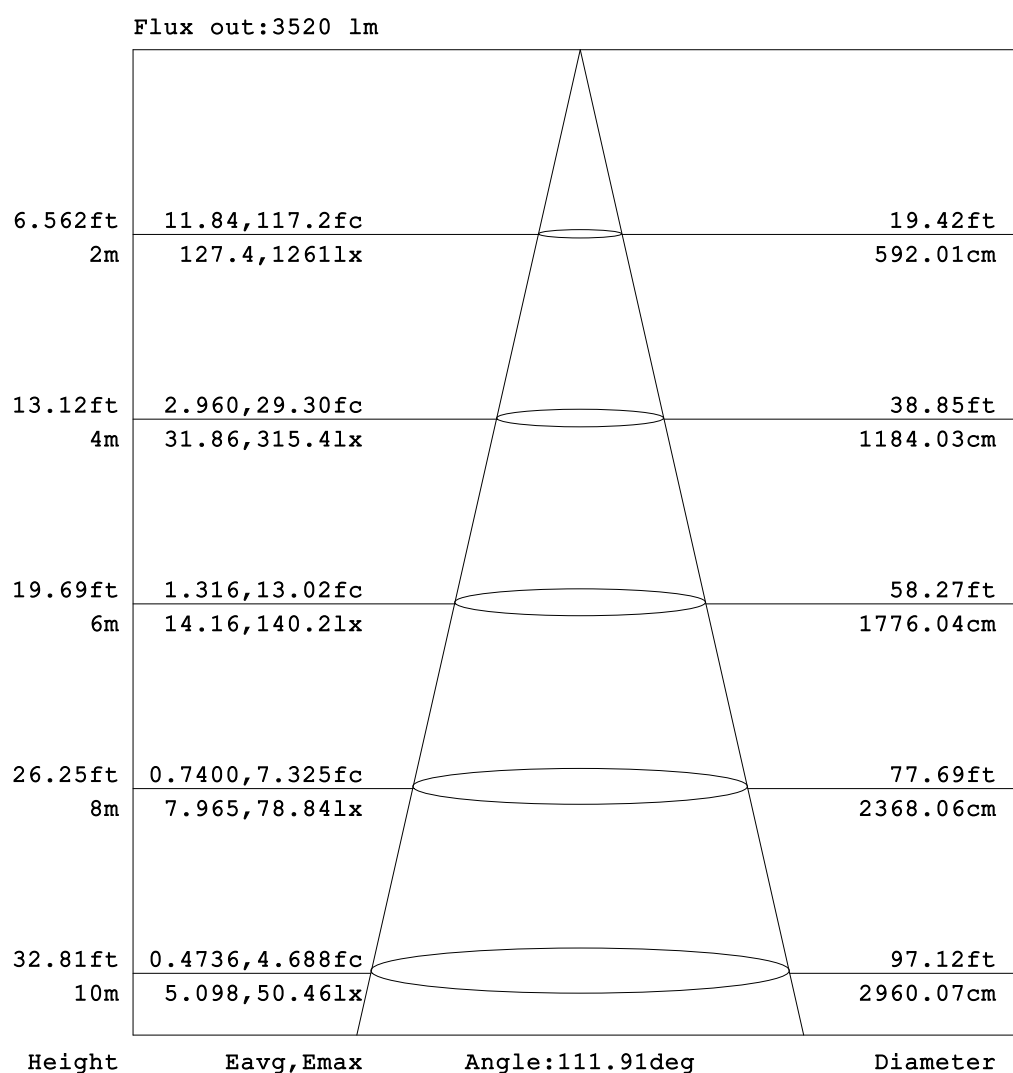


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Remarks:

AAI Figure

NAME: CL1226-A09	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



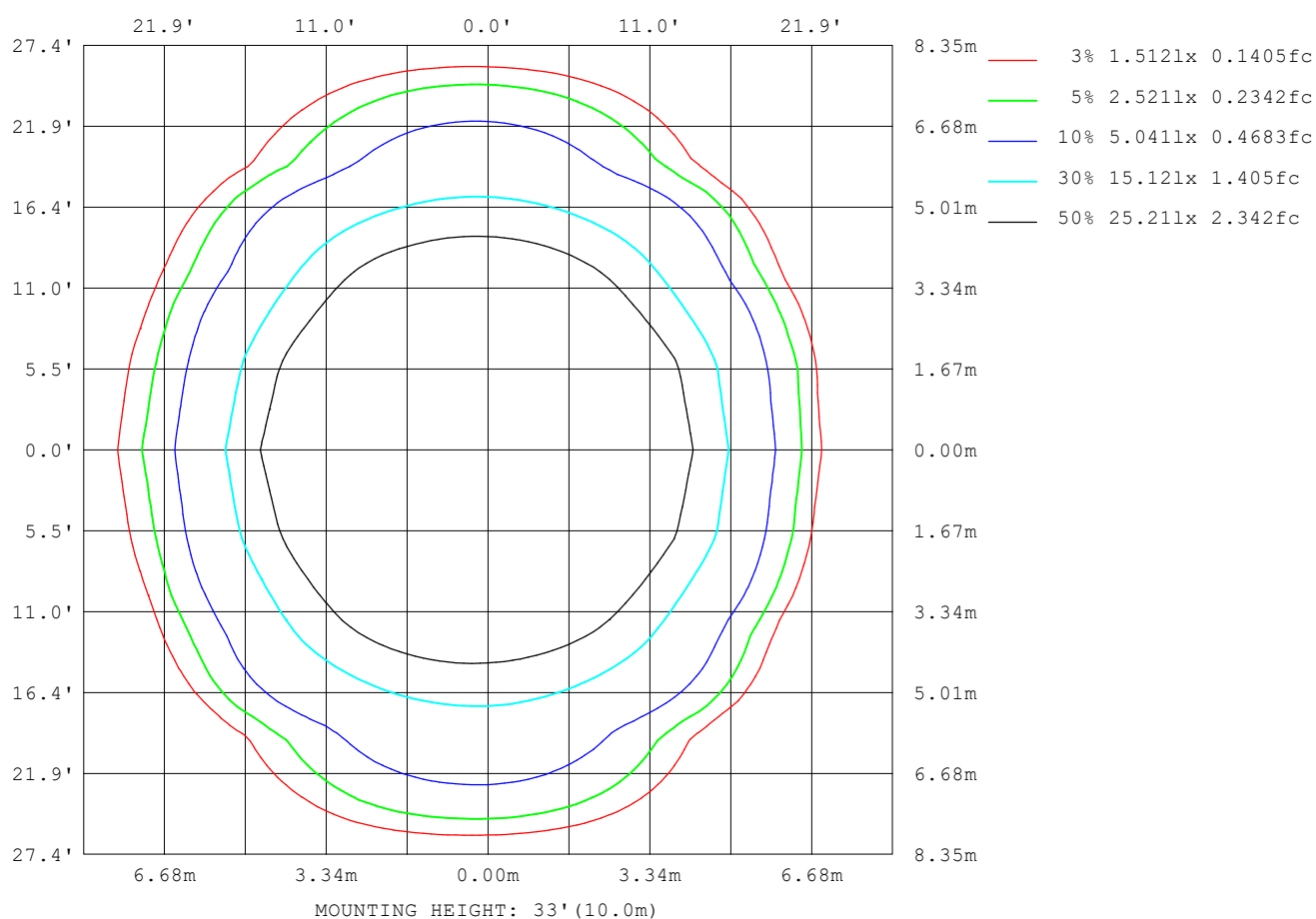
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

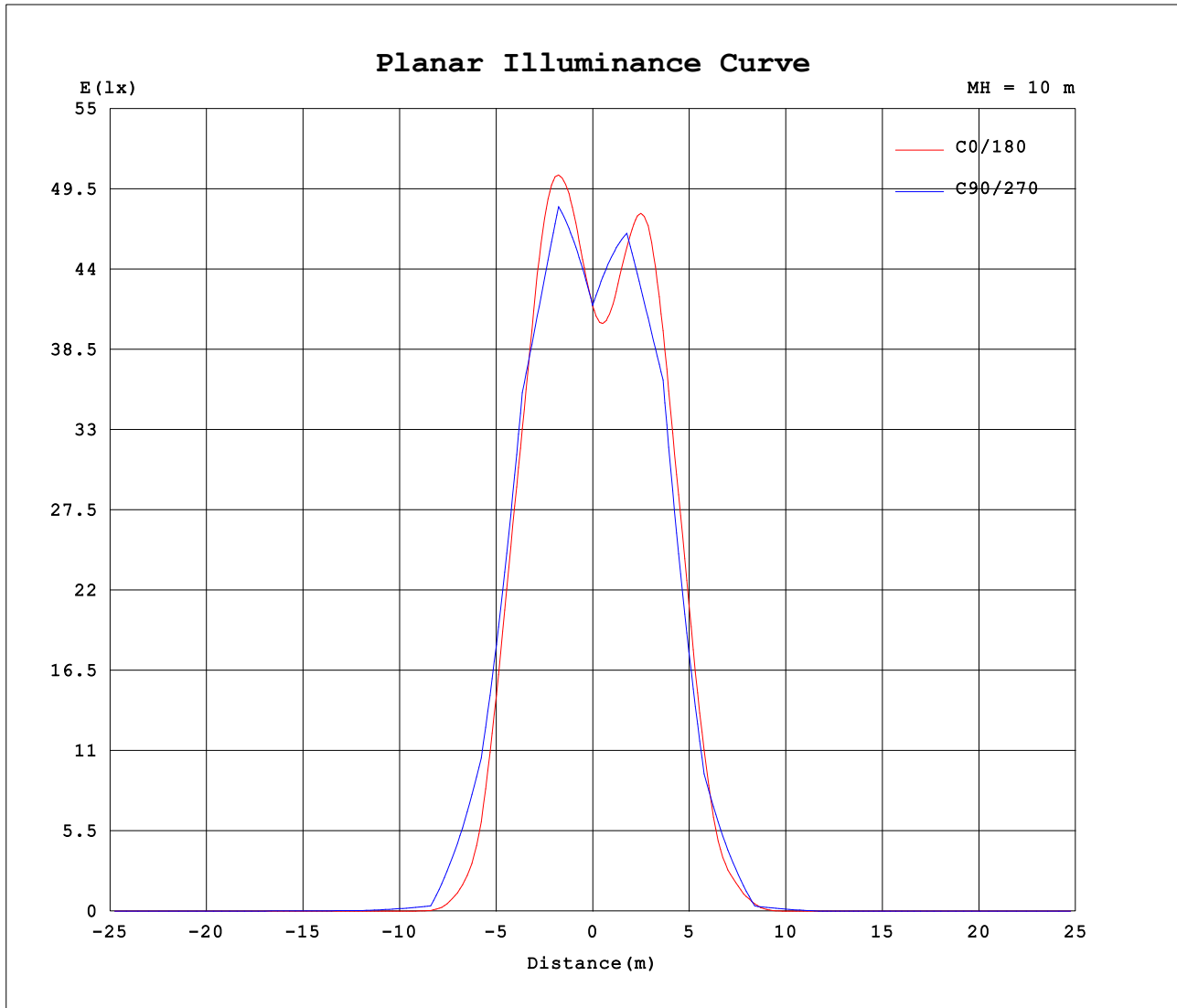
NAME: CL1226-A09	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



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Remarks:

Planar Illuminance Curve



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Test Distance: 8.200m [K=1.2195]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: CL1226-A09	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	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151
5	4770	4786	4796	4802	4804	4803	4798	4791	4781	4769	4755	4741	4726	4708	4691	4671	4650	4628	4604
10	5283	5265	5245	5224	5205	5191	5176	5166	5158	5152	5143	5137	5131	5123	5113	5102	5089	5075	5056
15	5078	5012	4962	4931	4920	4919	4937	4963	5003	4957	4893	4839	4793	4755	4724	4699	4682	4673	4671
20	3984	3912	3879	3883	3920	3984	4036	3988	3964	3953	3954	3973	4003	4039	4087	4136	4187	4239	4285
25	2577	2497	2481	2526	2614	2624	2576	2567	2591	2662	2761	2813	2827	2842	2850	2869	2891	2919	2951
30	944	902	918	974	1040	1086	1110	1104	1157	1307	1404	1446	1454	1454	1473	1500	1545	1588	1618
35	231	216	220	238	250	261	258	293	359	414	424	364	441	550	651	728	786	827	849
40	12.1	13.5	18.7	24.9	30.1	32.0	44.4	64.0	67.2	57.8	92.9	127	162	179	176	152	116	87.6	81.2
45	3.38	3.51	3.79	4.50	5.36	6.84	9.37	11.2	15.1	21.1	27.8	27.3	22.6	25.5	29.6	35.1	40.5	46.4	51.2
50	2.40	2.52	2.80	3.39	4.17	5.27	6.64	8.30	10.1	12.0	14.1	15.9	17.7	19.3	20.6	21.6	21.8	21.4	21.1
55	1.97	2.08	2.46	3.07	3.92	4.91	6.12	7.49	8.93	10.5	12.0	13.3	14.5	15.6	16.5	17.1	17.6	17.9	18.1
60	1.60	1.73	2.25	3.00	3.90	5.02	6.17	7.35	8.58	9.80	10.9	12.0	12.8	13.6	14.1	14.5	14.8	14.9	15.0
65	1.29	1.45	2.17	3.10	4.24	5.38	6.48	7.56	8.52	9.46	10.3	11.1	11.6	12.2	12.6	13.0	13.2	13.4	13.5
70	1.11	1.44	2.36	3.60	4.86	6.00	6.98	7.88	8.67	9.25	9.81	10.3	10.8	11.1	11.4	11.7	11.8	11.9	11.9
75	1.11	1.66	3.00	4.55	5.82	6.84	7.57	8.08	8.52	8.95	9.35	9.70	10.0	10.3	10.5	10.7	10.9	11.0	11.0
80	1.25	2.29	4.43	6.04	6.98	7.51	7.88	8.14	8.40	8.67	8.92	9.15	9.34	9.52	9.69	9.85	9.97	10.1	10.1
85	1.40	4.02	6.51	7.28	7.57	7.76	7.80	5.95	4.58	3.50	2.65	1.96	1.41	0.96	0.61	0.34	0.15	0.04	0.00
90	1.42	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	9.45	7.80	7.30	7.25	6.98	7.31	7.71	6.12	4.95	5.31	7.93	8.67	8.20	8.63	6.15	3.64	1.70	0.44	0.00
100	20.9	18.5	17.6	19.3	19.6	29.6	24.1	49.3	52.4	60.7	81.1	85.3	89.6	108	112	113	115	116	114
105	132	127	123	116	112	119	122	152	164	165	203	215	223	233	238	240	243	243	240
110	283	282	274	275	283	292	322	337	360	354	362	365	368	369	371	372	374	370	367
115	562	558	545	539	526	522	526	529	526	523	523	524	526	528	530	532	534	532	529
120	724	724	716	709	706	696	695	691	688	685	681	679	680	683	687	690	692	693	692
125	870	870	868	865	859	860	851	851	843	836	833	833	832	831	833	835	836	836	837
130	1003	1002	1005	999	998	996	998	989	984	983	974	969	967	968	971	975	978	980	981
135	1124	1121	1128	1120	1120	1116	1116	1120	1110	1104	1101	1101	1098	1095	1094	1093	1093	1092	1091
140	1230	1226	1229	1227	1224	1226	1222	1220	1222	1221	1214	1209	1206	1205	1205	1205	1205	1203	1201
145	1323	1318	1319	1323	1317	1316	1318	1315	1312	1311	1311	1312	1306	1301	1298	1295	1293	1291	1289
150	1400	1396	1396	1399	1399	1395	1394	1395	1397	1392	1389	1387	1385	1383	1382	1381	1380	1378	1377
155	1465	1462	1460	1461	1464	1464	1461	1459	1459	1460	1462	1460	1456	1453	1450	1448	1446	1444	1442
160	1517	1514	1512	1512	1513	1516	1518	1515	1513	1511	1510	1510	1510	1511	1510	1511	1510	1509	1508
165	1556	1554	1552	1551	1552	1552	1554	1555	1557	1556	1553	1552	1550	1549	1548	1547	1545	1544	1543
170	1584	1582	1581	1580	1579	1579	1579	1579	1579	1579	1579	1579	1580	1580	1580	1580	1580	1579	1579
175	1599	1598	1597	1596	1596	1595	1594	1594	1593	1593	1592	1592	1592	1591	1591	1591	1591	1590	1590
180	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-12-06

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: CL1226-A09	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	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151
5	4583	4558	4536	4513	4489	4469	4446	4425	4404	4381	4357	4333	4307	4279	4248	4214	4177	4138	4170
10	5036	5015	4992	4970	4950	4932	4917	4903	4892	4885	4877	4869	4860	4849	4836	4818	4794	4761	4790
15	4674	4687	4707	4738	4782	4840	4913	5000	5101	5183	5161	5151	5145	5157	5174	5205	5243	5283	5250
20	4318	4337	4337	4329	4321	4323	4335	4365	4412	4472	4549	4642	4616	4575	4575	4611	4685	4794	4693
25	2989	3035	3085	3141	3204	3265	3321	3347	3293	3255	3238	3249	3291	3287	3236	3244	3317	3451	3312
30	1637	1663	1685	1720	1762	1807	1865	1903	1902	1819	1734	1701	1688	1687	1626	1573	1598	1703	1584
35	862	867	855	821	748	657	582	704	742	705	612	570	566	526	502	482	485	515	486
40	101	143	196	241	260	256	235	198	156	166	181	162	136	130	122	106	103	115	103
45	53.8	53.1	50.7	44.9	38.1	32.2	43.3	57.3	45.9	31.1	21.2	25.4	17.4	9.68	5.78	4.90	4.60	4.62	4.48
50	21.8	23.2	24.6	24.7	23.4	21.2	18.6	15.5	13.0	12.1	8.51	6.36	4.90	3.73	3.00	2.55	2.35	2.28	2.28
55	18.0	17.9	17.5	16.8	16.0	14.8	13.6	12.1	10.4	8.52	6.76	5.18	3.86	2.98	2.28	1.94	1.74	1.69	1.73
60	15.0	14.9	14.6	14.2	13.6	12.8	11.7	10.4	9.03	7.61	6.19	4.85	3.71	2.77	2.09	1.61	1.40	1.38	1.46
65	13.4	13.2	12.9	12.5	12.0	11.3	10.5	9.57	8.50	7.36	6.19	5.02	3.89	2.92	2.12	1.48	1.20	1.18	1.28
70	11.9	11.8	11.6	11.3	10.9	10.4	9.81	9.10	8.33	7.47	6.47	5.45	4.41	3.35	2.39	1.59	1.09	1.00	1.06
75	11.0	10.9	10.7	10.4	10.1	9.77	9.34	8.86	8.30	7.64	6.89	6.06	5.09	4.09	3.00	1.95	1.09	0.90	0.91
80	10.1	10.0	9.92	9.75	9.55	9.30	9.01	8.67	8.30	7.88	7.40	6.80	6.05	5.14	4.09	2.74	1.42	0.93	0.86
85	0.04	0.15	0.35	0.62	0.97	1.41	1.95	2.60	3.42	4.43	5.75	7.40	7.13	6.67	6.04	4.89	2.60	0.89	0.94
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	2.93	0.00
95	0.43	1.63	3.57	5.86	7.12	7.59	8.73	8.20	6.19	5.61	6.82	8.77	8.73	8.07	8.23	7.67	6.65	5.79	8.92
100	113	110	110	106	93.8	82.9	81.6	72.2	56.8	49.9	45.5	23.0	27.1	19.0	15.9	13.3	11.2	11.0	11.6
105	241	237	234	227	219	209	200	177	147	151	131	109	105	94.6	90.3	85.6	81.2	77.8	73.3
110	368	366	363	358	356	355	353	351	345	343	298	281	240	224	208	197	190	186	181
115	530	528	525	522	520	519	521	522	520	514	502	489	476	462	449	442	429	428	412
120	691	690	686	681	679	677	676	677	679	673	663	656	643	638	630	626	623	631	615
125	837	836	835	832	831	831	831	824	821	819	814	799	792	788	791	783	781	784	774
130	982	980	976	970	965	961	959	958	960	950	939	933	928	930	927	924	921	924	914
135	1090	1089	1087	1084	1083	1082	1081	1076	1071	1065	1061	1056	1057	1059	1053	1055	1048	1052	1043
140	1199	1196	1193	1191	1189	1186	1185	1182	1183	1175	1171	1170	1174	1167	1166	1166	1164	1169	1163
145	1288	1286	1286	1285	1285	1286	1286	1281	1275	1272	1272	1272	1267	1265	1267	1266	1269	1278	1270
150	1376	1375	1373	1371	1368	1365	1363	1361	1361	1362	1358	1354	1354	1356	1355	1354	1358	1366	1359
155	1441	1440	1439	1438	1438	1437	1437	1437	1433	1430	1428	1428	1430	1430	1428	1428	1431	1437	1432
160	1506	1504	1502	1500	1497	1494	1492	1490	1489	1489	1490	1492	1490	1488	1487	1488	1491	1495	1492
165	1542	1541	1540	1539	1539	1538	1538	1538	1539	1540	1537	1535	1534	1533	1533	1534	1537	1540	1537
170	1578	1577	1576	1575	1574	1572	1571	1570	1569	1568	1567	1567	1567	1567	1568	1569	1570	1572	1571
175	1590	1589	1589	1589	1589	1588	1588	1588	1588	1588	1589	1589	1589	1590	1590	1591	1592	1593	1592
180	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-06

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: CL1226-A09	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	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151
5	4199	4225	4248	4269	4288	4303	4320	4336	4350	4365	4383	4398	4418	4438	4459	4485	4508	4536	4562
10	4809	4821	4827	4829	4825	4819	4810	4800	4792	4786	4781	4783	4789	4800	4816	4837	4864	4897	4934
15	5217	5191	5178	5166	5168	5168	5175	5074	4952	4846	4764	4703	4659	4632	4620	4618	4626	4641	4665
20	4626	4598	4608	4656	4686	4574	4482	4414	4364	4333	4318	4314	4346	4375	4397	4403	4388	4346	4291
25	3238	3234	3297	3293	3217	3171	3164	3207	3272	3268	3230	3164	3090	3041	2992	2952	2919	2891	2871
30	1545	1583	1634	1623	1616	1608	1651	1756	1786	1774	1710	1648	1584	1542	1510	1479	1451	1420	1394
35	482	497	515	541	538	570	640	677	647	528	581	653	714	758	779	779	766	740	703
40	113	129	133	136	157	171	162	152	187	212	227	229	212	175	133	97.3	81.3	86.8	111
45	4.68	4.92	7.49	14.4	21.4	16.8	26.2	39.7	46.4	30.8	20.2	29.0	35.5	39.6	42.6	43.0	41.6	37.6	33.1
50	2.29	2.30	2.37	2.52	2.57	2.90	4.71	2.80	3.22	5.68	7.82	9.60	9.62	7.75	5.08	2.77	1.89	2.58	4.15
55	1.71	1.65	1.66	1.67	1.66	1.64	1.72	1.83	1.84	1.74	1.60	1.61	1.61	1.63	1.63	1.63	1.61	1.59	1.55
60	1.39	1.33	1.29	1.25	1.23	1.28	1.31	1.30	1.32	1.35	1.35	1.34	1.33	1.33	1.32	1.33	1.34	1.34	1.32
65	1.17	1.11	1.01	0.99	1.04	1.08	1.12	1.16	1.15	1.14	1.20	1.22	1.25	1.29	1.30	1.30	1.31	1.31	1.28
70	0.96	0.88	0.84	0.87	0.94	0.96	1.03	1.09	1.14	1.17	1.21	1.24	1.26	1.29	1.29	1.29	1.29	1.28	1.25
75	0.85	0.80	0.83	0.87	0.92	0.99	1.08	1.14	1.17	1.21	1.23	1.26	1.28	1.31	1.33	1.34	1.34	1.33	1.31
80	0.81	0.86	0.92	0.98	1.04	1.11	1.15	1.18	1.20	1.24	1.27	1.28	1.30	1.33	1.37	1.39	1.39	1.39	1.39
85	1.05	1.12	1.14	1.19	1.19	0.89	0.67	0.50	0.37	0.27	0.20	0.13	0.08	0.05	0.02	0.01	0.00	0.01	0.02
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	10.7	11.0	11.4	11.5	12.1	10.3	8.24	6.44	5.13	4.59	4.82	3.85	3.30	2.31	1.13	0.29	0.00	0.30	1.13
100	13.1	14.9	16.6	22.1	19.9	31.1	44.3	46.5	50.3	59.2	62.0	61.1	67.8	74.7	77.6	78.5	78.1	80.0	77.7
105	67.9	68.9	75.2	87.1	94.3	110	126	119	131	170	180	187	196	203	209	211	210	213	213
110	183	186	194	210	253	262	303	309	312	322	324	329	334	338	343	344	342	346	350
115	420	423	426	445	467	479	481	488	491	489	495	500	507	511	515	516	515	519	523
120	611	610	614	621	637	641	645	651	646	645	655	661	671	679	684	687	688	690	692
125	770	772	768	774	782	791	797	797	794	803	808	810	814	818	821	824	826	828	830
130	912	912	914	914	919	923	931	937	932	938	941	945	948	952	957	961	963	966	965
135	1046	1043	1047	1045	1043	1047	1048	1048	1057	1065	1068	1068	1069	1070	1071	1072	1073	1075	1076
140	1164	1163	1162	1166	1161	1159	1159	1161	1161	1165	1168	1173	1177	1180	1182	1183	1182	1183	1184
145	1268	1270	1265	1265	1268	1264	1261	1259	1260	1261	1262	1263	1264	1264	1265	1265	1265	1267	1269
150	1356	1357	1358	1354	1353	1355	1358	1353	1351	1349	1348	1348	1347	1347	1348	1348	1348	1350	1352
155	1430	1430	1434	1433	1430	1429	1430	1432	1436	1434	1431	1429	1427	1426	1425	1425	1425	1426	1428
160	1490	1490	1491	1494	1497	1494	1492	1491	1492	1493	1494	1496	1498	1500	1501	1502	1502	1502	1502
165	1536	1535	1536	1537	1539	1542	1544	1543	1542	1541	1540	1540	1540	1540	1541	1541	1541	1542	1542
170	1569	1569	1568	1568	1569	1570	1570	1571	1573	1574	1575	1577	1578	1579	1580	1580	1581	1581	1581
175	1591	1591	1590	1590	1590	1590	1589	1589	1589	1589	1590	1590	1590	1590	1591	1591	1591	1591	1591
180	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-12-06

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: CL1226-A09	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	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151	4151				
5	4589	4616	4641	4667	4690	4713	4734	4752	4767	4780	4789	4794	4795	4792	4784				
10	4974	5014	5053	5088	5118	5144	5168	5184	5200	5212	5226	5237	5249	5263	5274				
15	4699	4738	4784	4841	4907	4981	5065	5123	5072	5028	4993	4977	4973	4990	5026				
20	4227	4160	4107	4059	4030	4015	4014	4024	4052	4115	4053	3974	3922	3904	3925				
25	2855	2845	2832	2824	2808	2737	2647	2599	2588	2609	2664	2647	2545	2490	2501				
30	1378	1376	1395	1422	1424	1390	1291	1145	1125	1130	1111	1069	1001	939	914				
35	649	585	510	430	373	437	433	381	327	295	301	293	274	238	225				
40	139	160	167	157	133	103	68.5	77.1	78.8	57.5	40.3	37.3	28.5	21.4	14.3				
45	26.5	20.3	14.3	9.35	15.8	20.9	16.0	9.93	5.78	6.21	3.65	3.32	3.28	3.29	3.25				
50	5.38	5.64	4.87	3.89	2.50	2.20	2.01	2.30	2.05	1.89	1.87	1.92	2.01	2.12	2.24				
55	1.50	1.45	1.40	1.36	1.34	1.41	1.37	1.30	1.28	1.29	1.29	1.38	1.52	1.64	1.79				
60	1.30	1.28	1.25	1.22	1.16	1.09	1.01	0.99	0.99	0.98	1.00	1.01	1.15	1.28	1.40				
65	1.25	1.22	1.18	1.13	1.08	1.02	0.97	0.90	0.81	0.81	0.82	0.83	0.86	1.02	1.10				
70	1.22	1.21	1.17	1.11	1.07	1.02	0.97	0.90	0.84	0.77	0.72	0.72	0.72	0.81	0.94				
75	1.29	1.28	1.24	1.17	1.12	1.05	1.03	0.99	0.94	0.88	0.81	0.74	0.71	0.73	0.89				
80	1.39	1.38	1.36	1.31	1.26	1.23	1.19	1.14	1.09	1.04	0.98	0.89	0.83	0.75	0.87				
85	0.05	0.09	0.14	0.21	0.29	0.40	0.53	0.69	0.91	1.20	1.15	1.08	1.01	0.93	0.77				
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	2.42	3.80	4.15	5.19	4.78	5.17	6.45	8.39	10.7	13.1	12.8	12.9	12.8	12.9	12.2				
100	78.0	76.0	65.6	68.0	66.5	60.2	52.9	51.7	42.7	23.9	32.6	22.8	22.4	21.7	22.1				
105	211	208	201	198	193	165	137	152	137	117	118	113	120	127	132				
110	349	349	349	349	348	342	336	349	316	314	280	280	277	276	281				
115	523	523	521	520	518	515	515	522	527	526	517	522	536	546	560				
120	691	687	681	676	672	673	680	685	688	692	688	694	698	709	723				
125	829	827	825	823	823	822	825	833	841	838	841	843	853	861	867				
130	962	959	957	955	955	959	967	967	969	975	976	983	987	997	998				
135	1076	1077	1078	1081	1083	1081	1083	1087	1094	1094	1100	1107	1109	1118	1116				
140	1184	1184	1184	1184	1186	1190	1196	1197	1199	1204	1212	1212	1217	1221	1222				
145	1270	1273	1276	1281	1286	1286	1288	1291	1296	1302	1302	1305	1313	1312	1315				
150	1354	1357	1359	1362	1365	1368	1372	1378	1379	1380	1383	1389	1391	1391	1394				
155	1429	1432	1435	1438	1442	1445	1445	1446	1448	1451	1456	1459	1457	1457	1460				
160	1501	1500	1500	1499	1500	1500	1502	1505	1508	1513	1512	1510	1510	1510	1513				
165	1543	1544	1545	1546	1548	1550	1553	1555	1553	1551	1550	1550	1550	1551	1553				
170	1581	1581	1581	1580	1580	1579	1579	1578	1578	1578	1578	1579	1580	1581	1582				
175	1592	1592	1592	1592	1593	1593	1593	1594	1594	1594	1595	1596	1596	1597	1598				
180	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601	1601				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2025-12-06

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: