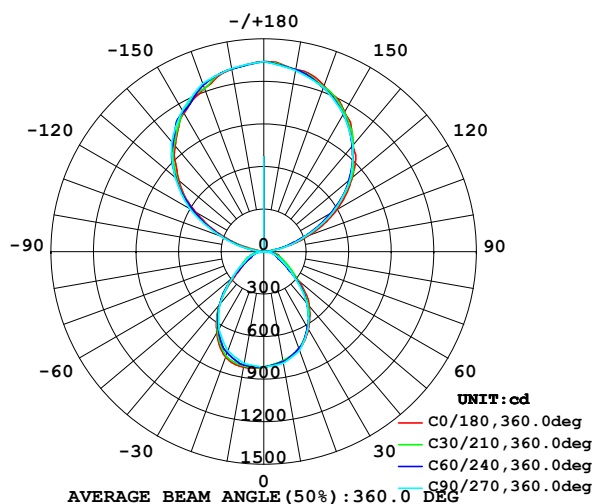


LUMINAIRE PHOTOMETRIC TEST REPORT

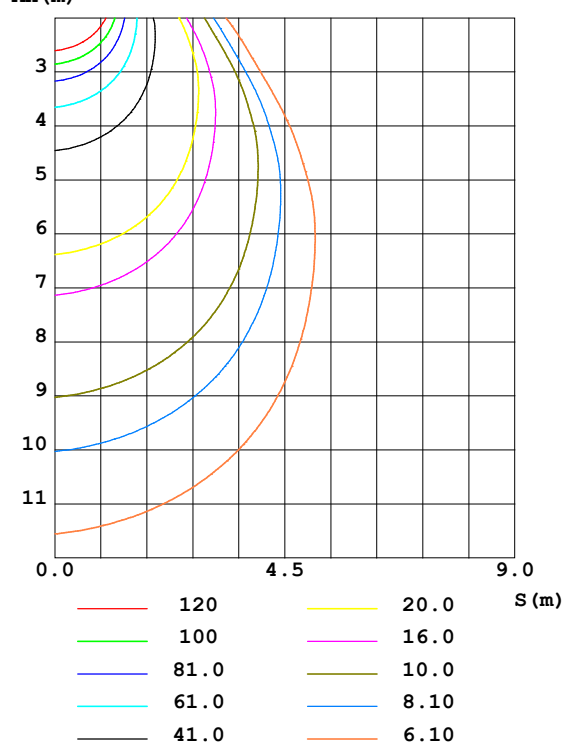
NAME: CL1227	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.85 lm/W			
MODEL	2835	I _{max} (cd)	1340	S/MH (C0/180)	1.16
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.15
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	5368.0	η UP, DN (C0-180)	33.7, 15.9
NOMINAL FLUX (lm)	5367.98	CIE CLASS	SEMI-IND.	η UP, DN (C180-360)	34.3, 16.0
LAMPS INSIDE	1	η up (%)	68.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220.0	η down (%)	31.9	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-10

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	800.1	799.5	806.6	816.1	824.6	816.9	807.8	800.2	0- 5	19.39	19.39	0.36,0.36
10	783.3	783.1	798.8	813.3	827.5	815.1	801.1	784.5	5- 10	57.54	76.93	1.43,1.43
15	760.9	761.5	769.9	800.2	818.2	803.2	773.0	763.5	10- 15	93.76	170.7	3.18,3.18
20	730.2	722.6	741.1	763.2	789.6	766.6	745.0	726.0	15- 20	125.9	296.6	5.52,5.52
25	687.0	678.3	683.3	714.0	736.1	718.1	688.4	682.1	20- 25	151.7	448.2	8.35,8.35
30	630.8	619.0	625.6	646.9	662.8	650.3	631.8	624.6	25- 30	168.6	616.8	11.5,11.5
35	566.2	553.0	549.8	567.6	581.2	570.1	556.7	557.9	30- 35	176.2	793.0	14.8,14.8
40	499.9	483.7	474.0	481.3	489.5	487.3	481.5	490.0	35- 40	174.4	967.4	18,18
45	419.2	390.7	378.8	375.7	376.7	383.1	385.0	402.9	40- 45	161.7	1129	21,21
50	322.9	297.9	283.7	285.0	259.5	290.5	288.5	311.2	45- 50	137.3	1266	23.6,23.6
55	231.5	227.9	224.3	220.3	190.2	222.2	225.4	236.5	50- 55	110.7	1377	25.7,25.7
60	173.7	171.1	164.8	169.1	144.9	169.2	162.2	177.0	55- 60	88.63	1466	27.3,27.3
65	137.2	138.3	134.0	138.4	119.7	139.1	134.5	142.0	60- 65	71.57	1537	28.6,28.6
70	116.3	113.5	103.2	111.2	105.4	112.9	106.8	114.6	65- 70	60.46	1598	29.8,29.8
75	103.9	92.60	75.95	86.46	86.63	86.00	75.39	89.15	70- 75	50.23	1648	30.7,30.7
80	85.74	70.98	48.74	64.07	60.85	62.00	44.03	68.46	75- 80	38.82	1687	31.4,31.4
85	58.84	24.02	0	21.37	13.49	20.47	0	23.55	80- 85	23.82	1711	31.9,31.9
90	7.288	0	0	0	6.745	0	0	0	85- 90	4.253	1715	31.9,31.9
95	28.84	11.41	0	11.70	10.40	11.55	0.0000	12.30	90- 95	2.566	1717	32,32
100	45.93	81.20	92.28	80.53	26.84	85.91	94.29	83.12	95-100	21.39	1739	32.4,32.4
105	218.9	179.2	198.1	176.3	144.5	190.3	209.0	181.7	100-105	66.33	1805	33.6,33.6
110	345.1	304.6	303.9	292.3	284.1	316.8	323.7	310.1	105-110	127.7	1933	36,36
115	472.7	435.1	435.0	423.8	421.2	449.6	461.6	443.9	110-115	188.4	2121	39.5,39.5
120	596.4	565.7	566.1	558.3	548.5	578.1	599.5	578.9	115-120	244.5	2366	44.1,44.1
125	709.6	679.9	681.6	671.5	680.0	695.7	707.7	695.2	120-125	289.8	2655	49.5,49.5
130	815.0	778.2	797.0	783.1	782.4	815.1	816.0	810.5	125-130	323.0	2978	55.5,55.5
135	917.0	883.3	886.5	876.8	879.0	900.2	913.3	899.2	130-135	342.4	3321	61.9,61.9
140	982.3	982.6	976.0	974.5	972.9	1007	1010	996.0	135-140	347.9	3669	68.3,68.3
145	1076	1057	1050	1041	1054	1075	1080	1077	140-145	341.0	4010	74.7,74.7
150	1139	1125	1123	1104	1127	1141	1149	1144	145-150	323.5	4333	80.7,80.7
155	1202	1190	1178	1174	1183	1191	1206	1205	150-155	293.8	4627	86.2,86.2
160	1245	1235	1233	1225	1225	1230	1262	1244	155-160	254.6	4882	90.9,90.9
165	1292	1284	1265	1268	1274	1292	1286	1282	160-165	207.3	5089	94.8,94.8
170	1305	1304	1297	1301	1307	1308	1311	1311	165-170	153.3	5242	97.7,97.7
175	1331	1323	1318	1319	1326	1322	1325	1330	170-175	93.93	5336	99.4,99.4
180	1340	1340	1340	1340	1340	1340	1340	1340	175-180	31.80	5368	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

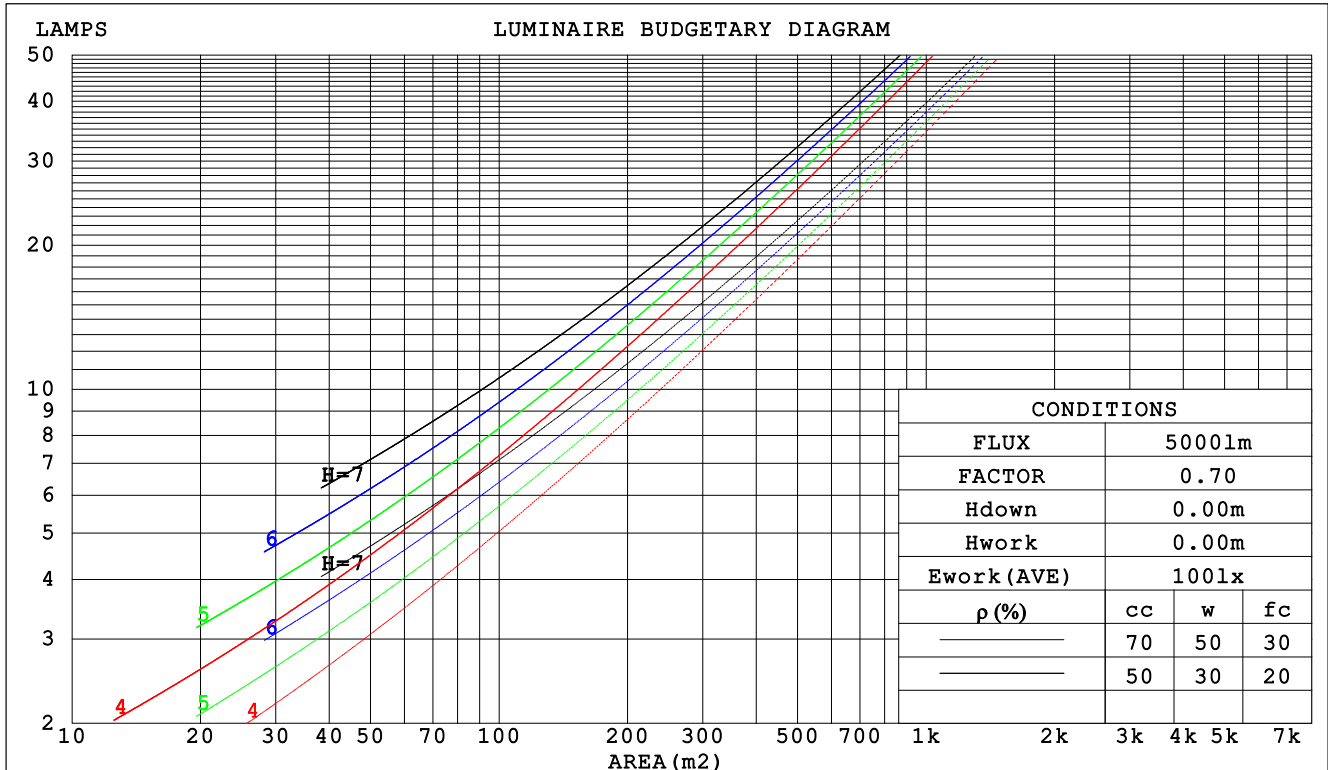
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-10

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: CL1227	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.03	1.03	1.03	.93	.93	.93	.73	.73	.73	.56	.56	.56	.40	.40	.40	.32
1.0	.90	.86	.83	.81	.78	.75	.65	.63	.61	.49	.48	.47	.35	.35	.34	.27
2.0	.79	.73	.68	.71	.66	.62	.57	.54	.51	.44	.42	.40	.32	.30	.29	.24
3.0	.70	.63	.57	.63	.57	.52	.51	.46	.43	.39	.36	.34	.28	.27	.25	.21
4.0	.62	.54	.49	.56	.50	.45	.45	.41	.37	.35	.32	.29	.26	.24	.22	.18
5.0	.55	.48	.42	.50	.44	.39	.41	.36	.32	.32	.28	.26	.23	.21	.19	.16
6.0	.50	.42	.36	.45	.38	.34	.37	.32	.28	.29	.25	.23	.21	.19	.17	.14
7.0	.45	.37	.32	.41	.34	.30	.33	.28	.25	.26	.23	.20	.19	.17	.16	.13
8.0	.41	.33	.28	.37	.31	.26	.30	.25	.22	.24	.21	.18	.18	.16	.14	.12
9.0	.37	.30	.25	.34	.28	.23	.28	.23	.20	.22	.19	.16	.17	.14	.13	.10
10.0	.34	.27	.23	.31	.25	.21	.26	.21	.18	.20	.17	.15	.15	.13	.12	.10



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-10

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: CL1227	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	.264	.150	.047	.236	.135	.043	.185	.106	.034	.137	.079	.025	.094	.054	.017		
2.0	.244	.134	.041	.219	.121	.037	.172	.096	.030	.129	.072	.023	.089	.050	.016		
3.0	.226	.120	.036	.203	.109	.033	.160	.087	.026	.120	.066	.020	.083	.046	.014		
4.0	.210	.109	.032	.189	.099	.029	.149	.079	.024	.112	.060	.018	.078	.042	.013		
5.0	.195	.099	.029	.176	.090	.026	.139	.072	.021	.105	.055	.016	.073	.039	.012		
6.0	.182	.091	.026	.164	.083	.024	.130	.067	.019	.098	.051	.015	.069	.036	.011		
7.0	.170	.084	.024	.154	.077	.022	.122	.062	.018	.092	.047	.014	.065	.034	.010		
8.0	.160	.078	.022	.144	.071	.020	.115	.057	.016	.087	.044	.013	.061	.031	.009		
9.0	.150	.073	.020	.136	.066	.019	.108	.053	.015	.082	.041	.012	.058	.029	.008		
10.0	.142	.068	.019	.128	.062	.017	.102	.050	.014	.078	.039	.011	.055	.028	.008		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.709	.709	.709	.606	.606	.606	.414	.414	.414	.238	.238	.238	.076	.076	.076	
1.0	.700	.679	.661	.599	.583	.569	.410	.401	.393	.236	.232	.229	.076	.075	.074	
2.0	.692	.658	.630	.593	.567	.545	.406	.392	.380	.234	.228	.223	.075	.074	.073	
3.0	.685	.643	.610	.587	.555	.529	.403	.385	.371	.233	.225	.219	.075	.073	.072	
4.0	.679	.632	.596	.582	.546	.517	.400	.380	.364	.232	.223	.216	.075	.073	.071	
5.0	.672	.623	.586	.577	.539	.510	.398	.376	.360	.230	.221	.213	.074	.072	.070	
6.0	.666	.615	.579	.573	.533	.504	.395	.373	.357	.229	.219	.212	.074	.072	.070	
7.0	.661	.609	.573	.568	.528	.500	.393	.370	.354	.228	.218	.211	.074	.071	.070	
8.0	.656	.604	.569	.564	.524	.496	.390	.368	.352	.227	.217	.210	.073	.071	.069	
9.0	.651	.600	.566	.560	.521	.494	.388	.366	.351	.226	.216	.209	.073	.071	.069	
10.0	.646	.597	.564	.557	.518	.492	.386	.364	.350	.225	.215	.209	.073	.071	.069	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-04-10

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: CL1227					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	11.7	12.5	12.7	13.5	14.9	11.0	11.8	12.0	12.8	14.1
3H	12.8	13.5	13.8	14.5	15.9	11.9	12.6	12.9	13.6	15.0
4H	13.4	14.1	14.5	15.1	16.5	12.3	13.0	13.4	14.0	15.4
6H	14.1	14.7	15.2	15.7	17.2	12.7	13.3	13.8	14.4	15.8
8H	14.3	14.9	15.4	15.9	17.4	12.8	13.3	13.8	14.4	15.8
12H	14.6	15.1	15.6	16.2	17.6	12.7	13.2	13.8	14.3	15.7
4H 2H	11.8	12.5	12.9	13.5	14.9	11.2	11.8	12.2	12.9	14.3
3H	13.2	13.7	14.3	14.8	16.2	12.2	12.8	13.3	13.9	15.3
4H	14.0	14.5	15.1	15.6	17.0	12.8	13.3	13.9	14.4	15.9
6H	14.8	15.2	15.9	16.3	17.8	13.4	13.8	14.5	14.9	16.4
8H	15.1	15.4	16.2	16.5	18.0	13.5	13.9	14.6	15.0	16.5
12H	15.3	15.7	16.5	16.8	18.3	13.4	13.8	14.5	14.9	16.4
8H 4H	14.1	14.5	15.2	15.6	17.1	13.1	13.5	14.2	14.6	16.1
6H	15.2	15.5	16.3	16.6	18.1	13.9	14.2	15.0	15.3	16.8
8H	15.5	15.8	16.7	16.9	18.5	14.0	14.3	15.2	15.4	17.0
12H	15.9	16.1	17.1	17.3	18.8	14.0	14.2	15.1	15.4	16.9
12H 4H	14.1	14.4	15.2	15.5	17.1	13.2	13.5	14.3	14.6	16.1
6H	15.2	15.5	16.4	16.6	18.2	14.0	14.3	15.2	15.4	17.0
8H	15.7	15.9	16.9	17.1	18.6	14.2	14.5	15.4	15.6	17.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.3				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
2.0H	+ 0.4 / - 0.3					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 5368 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.8)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-04-10

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:

UTILIZATION FACTORS TABLE

NAME: CL1227	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

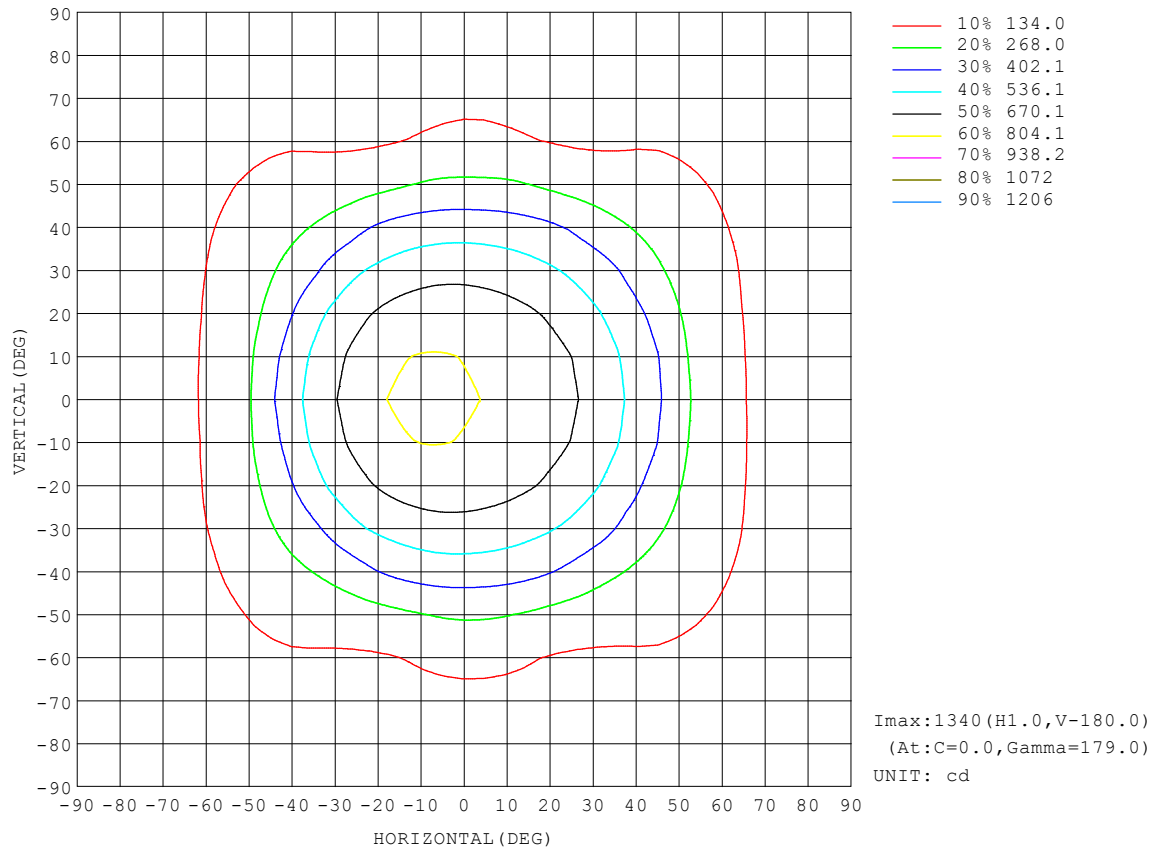
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	41	31	25	38	29	24	33	26	21	13
0.80	51	40	33	46	37	31	39	32	27	16
1.00	58	47	40	53	43	37	44	38	32	19
1.25	65	54	47	59	50	43	48	42	37	21
1.50	70	59	52	63	55	48	51	45	41	22
2.00	76	67	60	69	62	56	56	51	47	24
2.50	81	73	66	73	66	61	59	54	50	25
3.00	84	77	71	76	70	65	61	57	53	26
4.00	88	82	77	80	75	70	64	60	57	28
5.00	91	86	81	82	78	74	66	63	60	28
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-04-10

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: CL1227	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

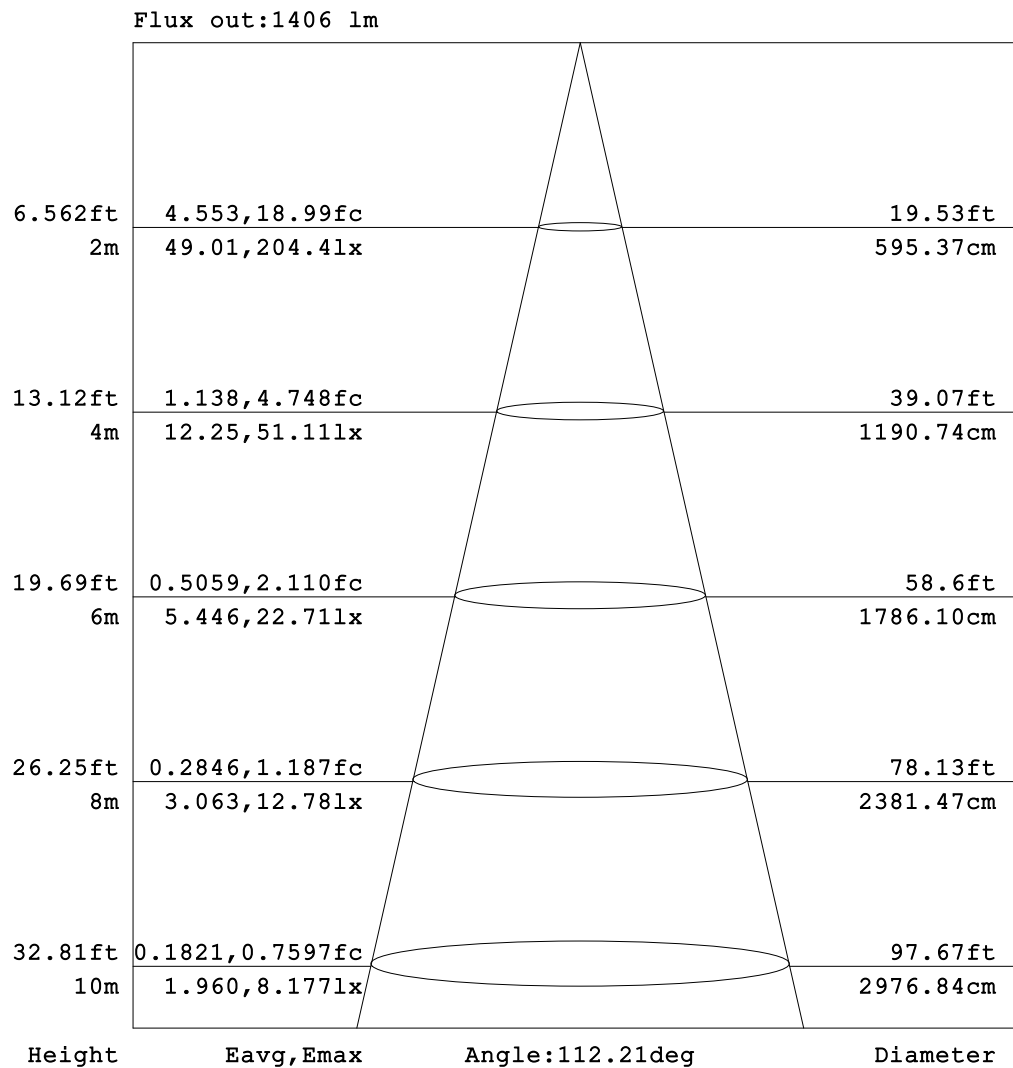


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-10

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 Figure

NAME: CL1227	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



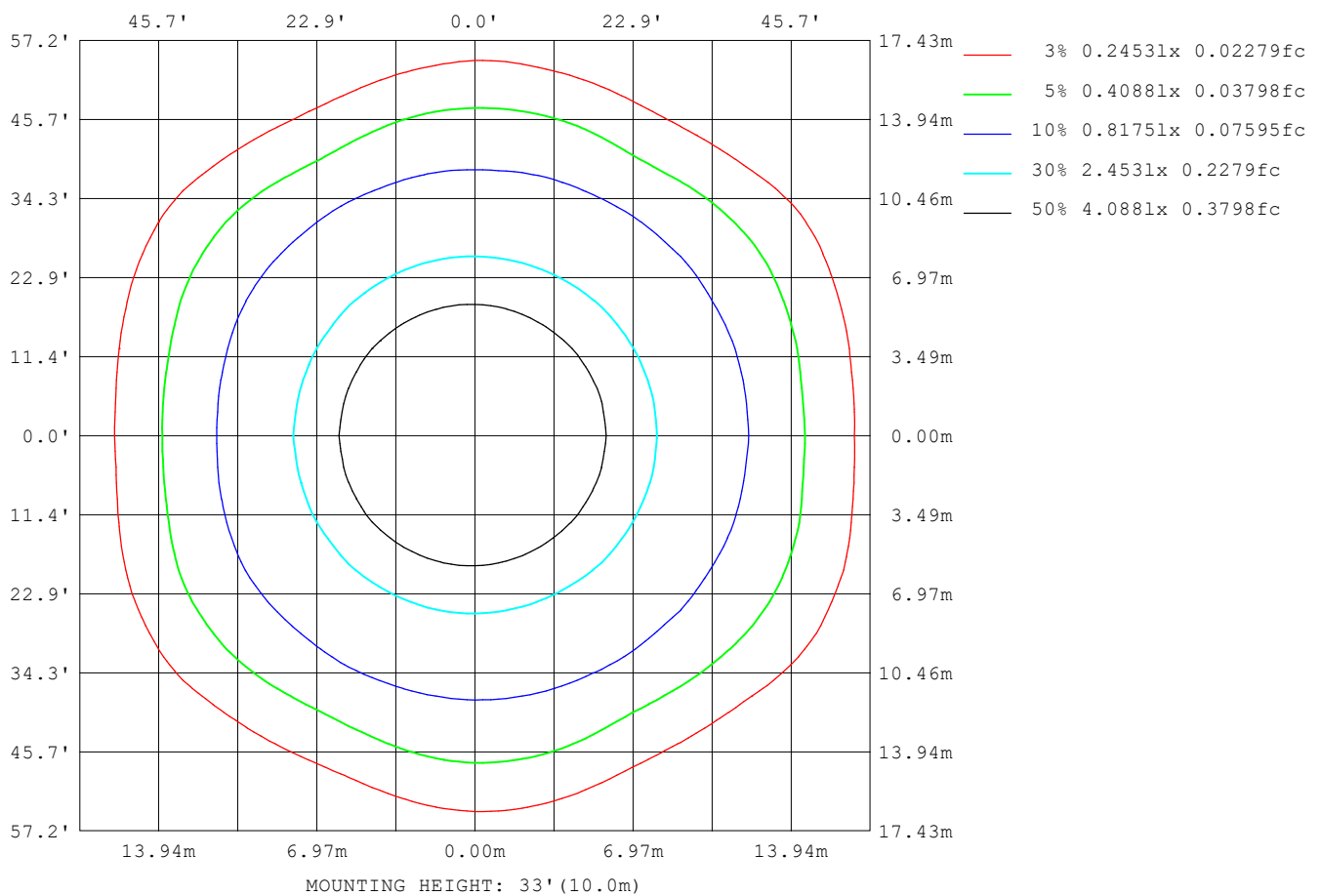
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-10

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

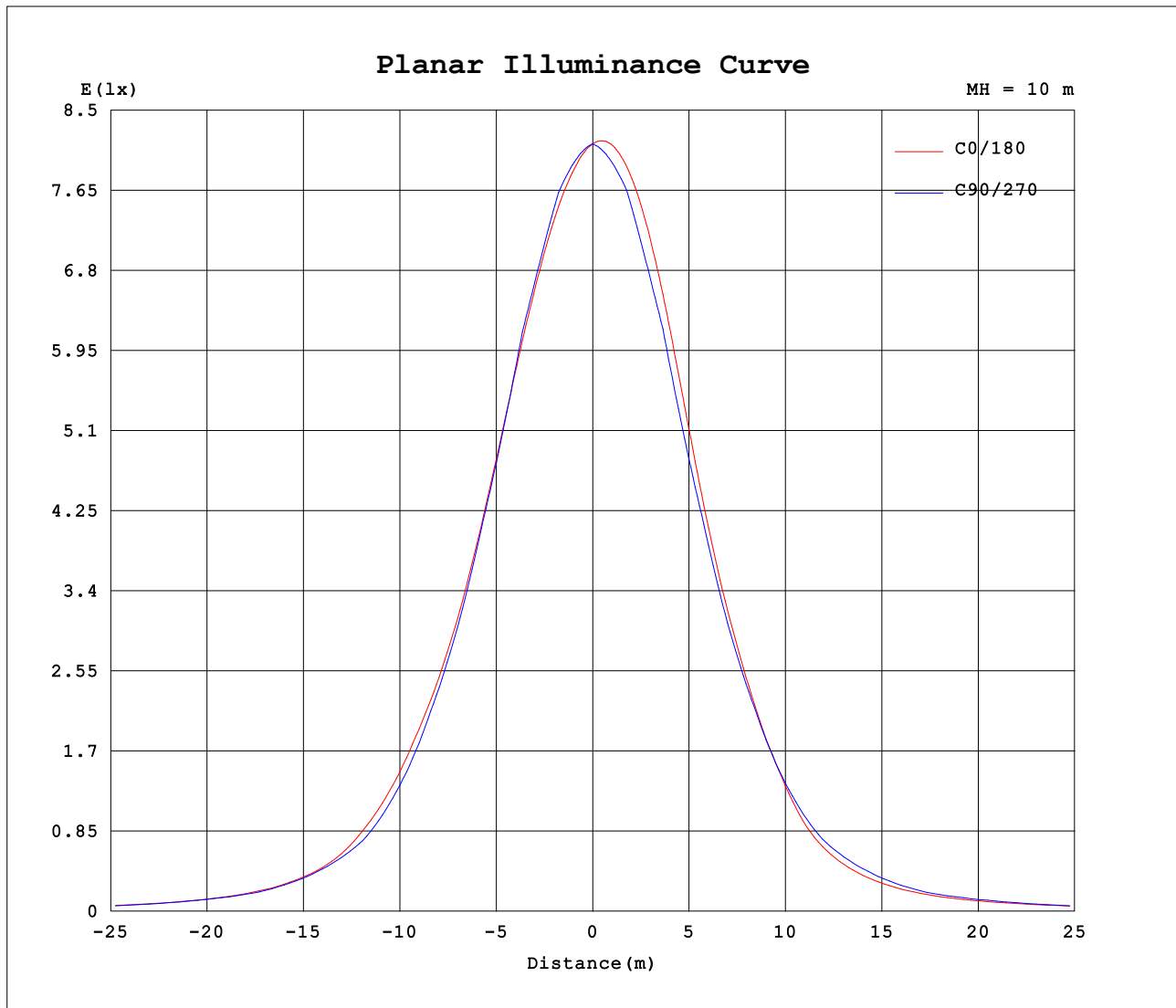
NAME: CL1227	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-10

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: 2026-04-10

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: CL1227	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	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814
5	800	800	799	799	799	798	799	799	799	799	800	801	801	802	803	804	805	806	807
10	783	782	781	781	780	780	781	781	782	783	784	786	787	789	791	793	795	797	799
15	761	759	758	757	757	757	758	760	762	761	760	760	760	761	762	763	766	768	770
20	730	727	725	725	725	727	728	725	723	723	723	724	726	728	730	733	735	738	741
25	687	683	681	681	683	682	679	677	677	678	680	679	678	678	677	678	679	681	683
30	631	627	626	627	626	622	621	622	622	619	617	617	616	617	619	620	622	624	626
35	566	562	563	565	560	559	559	555	554	553	552	553	550	549	548	548	548	548	550
40	500	496	498	495	491	491	485	485	486	484	477	473	472	472	473	473	473	473	474
45	419	415	419	408	404	402	397	401	398	391	387	389	389	386	384	382	380	379	379
50	323	317	316	317	317	314	309	307	306	298	296	295	290	287	287	287	286	285	284
55	231	231	237	246	248	250	249	244	236	228	219	209	204	206	213	219	223	224	224
60	174	176	181	188	195	197	199	194	183	171	164	157	152	150	153	158	163	165	165
65	137	140	146	154	157	159	158	154	148	138	126	115	112	113	119	126	131	134	134
70	116	119	123	127	129	130	128	124	120	113	106	99.0	94.6	93.6	96.6	100	102	103	103
75	104	105	101	100	100	99.7	99.3	98.2	95.8	92.6	87.9	82.3	77.6	75.2	76.0	77.3	76.8	76.1	75.9
80	85.7	76.2	66.4	66.1	73.4	75.5	76.0	75.9	73.1	71.0	67.6	63.2	59.8	57.5	56.2	54.8	52.0	49.1	48.7
85	58.8	43.3	38.8	35.1	37.6	52.6	59.0	44.0	32.0	24.0	17.6	12.4	8.46	5.58	3.44	1.87	0.79	0.19	0.00
90	7.29	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	28.8	28.2	27.3	26.7	26.2	26.3	25.4	19.1	14.4	11.4	10.3	12.6	9.42	6.58	4.68	2.92	1.39	0.35	0.00
100	45.9	47.1	46.7	52.9	49.3	63.4	48.6	84.3	85.1	81.2	80.6	89.4	84.7	81.1	85.5	90.2	93.6	92.0	92.3
105	219	217	209	205	198	192	185	187	182	179	179	178	174	174	185	194	196	196	198
110	345	341	334	332	327	316	310	306	300	305	303	295	286	280	292	302	300	301	304
115	473	471	467	466	458	447	440	437	434	435	433	425	418	411	423	429	430	434	435
120	596	596	595	592	590	575	567	561	564	566	559	554	546	542	551	555	558	567	566
125	710	712	713	711	703	698	688	681	677	680	678	671	676	670	673	675	679	683	682
130	815	820	825	820	817	810	806	794	789	778	779	781	783	781	788	788	798	798	797
135	917	916	922	914	914	905	892	884	884	883	883	885	883	878	888	882	888	891	887
140	982	979	979	979	977	980	981	982	984	983	974	975	970	970	978	972	977	983	976
145	1076	1071	1070	1073	1071	1071	1068	1063	1062	1057	1060	1063	1051	1052	1055	1052	1051	1052	1050
150	1139	1139	1142	1144	1139	1134	1135	1137	1130	1125	1126	1124	1122	1124	1127	1125	1121	1121	1123
155	1202	1198	1197	1199	1205	1205	1198	1191	1188	1190	1194	1190	1183	1179	1177	1177	1178	1180	1178
160	1245	1244	1244	1244	1243	1241	1239	1235	1235	1235	1235	1233	1229	1228	1230	1232	1236	1237	1233
165	1292	1287	1284	1281	1279	1279	1281	1283	1286	1284	1280	1277	1274	1271	1269	1268	1267	1266	1265
170	1305	1304	1303	1303	1302	1302	1303	1303	1304	1304	1304	1304	1302	1301	1300	1298	1296	1296	1297
175	1331	1330	1329	1328	1327	1326	1326	1325	1324	1323	1323	1322	1321	1320	1319	1319	1318	1318	1318
180	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-10

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: CL1227	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	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814
5	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	824
10	801	802	804	806	808	809	811	812	813	815	816	817	819	820	822	824	826	827	826
15	773	775	778	781	784	788	792	796	800	804	805	805	806	808	810	812	815	818	815
20	744	747	749	751	753	755	757	760	763	767	772	777	778	778	779	781	785	790	785
25	686	689	692	696	700	705	710	714	714	715	717	720	725	727	726	727	730	736	731
30	627	629	630	632	634	636	639	643	647	651	651	651	652	655	655	654	657	663	657
35	551	553	554	556	558	562	566	567	568	569	571	575	572	571	575	573	575	581	575
40	475	476	475	475	474	474	475	476	481	478	475	479	483	478	480	482	482	490	483
45	379	379	379	379	380	380	373	373	376	375	374	376	377	373	369	372	370	377	371
50	282	279	277	276	278	282	281	283	285	290	292	293	288	281	274	267	261	260	260
55	221	216	209	202	199	200	204	213	220	225	226	226	221	211	202	195	191	190	192
60	161	155	149	144	145	150	157	163	169	176	179	176	171	165	157	150	145	145	146
65	131	125	118	111	109	112	118	130	138	142	143	140	137	131	127	123	120	120	121
70	101	98.1	93.6	89.7	90.2	94.3	101	107	111	113	111	109	106	103	99.9	101	104	105	106
75	75.6	75.2	72.6	70.9	72.3	76.1	81.3	85.1	86.5	85.9	85.0	83.7	80.6	69.2	62.0	60.7	77.0	86.6	86.3
80	50.4	52.8	52.4	53.1	54.4	56.2	59.3	61.6	64.1	65.5	65.6	60.5	46.1	40.2	39.4	37.5	36.7	60.8	60.3
85	0.19	0.80	1.79	3.26	5.26	7.83	11.2	15.4	21.4	29.6	40.1	42.4	28.1	22.7	20.7	22.0	19.8	13.5	28.9
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	6.75	0.00
95	0.35	1.37	2.94	4.68	6.94	10.3	12.3	9.68	11.7	14.0	18.0	23.3	23.5	22.8	21.6	20.8	19.1	10.4	11.0
100	92.9	92.2	90.7	84.8	84.5	90.5	90.3	78.6	80.5	84.6	68.9	37.7	51.6	36.1	32.9	30.6	27.6	26.8	18.6
105	198	197	191	181	176	180	182	180	176	179	176	171	177	166	155	147	143	145	142
110	304	304	296	284	281	288	299	302	292	289	295	301	304	296	291	289	287	284	286
115	435	433	425	414	411	414	427	428	424	416	428	426	429	423	419	423	418	421	421
120	565	562	550	543	538	540	547	555	558	544	548	552	549	554	547	544	544	549	553
125	683	679	667	663	666	666	673	673	671	671	660	668	673	664	674	659	657	680	674
130	800	792	784	773	775	776	770	782	783	778	772	771	777	783	779	779	778	782	780
135	887	884	881	873	870	873	870	877	877	876	880	867	874	881	879	886	880	879	883
140	972	973	974	969	960	952	958	961	974	969	962	962	960	961	971	975	970	973	971
145	1050	1048	1049	1051	1049	1040	1029	1038	1041	1048	1052	1050	1043	1040	1042	1043	1047	1054	1053
150	1127	1124	1119	1121	1122	1117	1110	1101	1104	1113	1113	1111	1108	1106	1110	1114	1119	1127	1123
155	1178	1178	1178	1177	1178	1178	1179	1179	1174	1164	1160	1162	1166	1169	1169	1171	1176	1183	1182
160	1228	1228	1231	1233	1230	1227	1225	1224	1225	1228	1229	1228	1221	1216	1215	1216	1220	1225	1225
165	1264	1264	1265	1268	1270	1270	1269	1268	1268	1268	1267	1267	1267	1268	1269	1270	1272	1274	1272
170	1298	1298	1299	1299	1300	1301	1301	1301	1301	1300	1299	1299	1299	1299	1301	1302	1305	1307	1307
175	1319	1319	1319	1319	1319	1319	1319	1319	1319	1320	1320	1320	1321	1322	1322	1323	1324	1326	1325
180	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-10

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: CL1227	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	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814
5	823	822	821	821	820	819	818	817	816	815	814	813	812	811	810	809	808	807	806
10	824	823	821	820	819	818	816	815	814	813	811	810	808	807	805	803	801	799	797
15	813	811	810	809	808	807	807	803	799	795	791	788	784	781	778	776	773	771	768
20	782	781	780	781	781	775	771	767	763	761	759	757	755	753	750	748	745	742	739
25	728	728	730	728	724	721	719	718	718	714	709	704	701	697	694	691	688	686	684
30	655	656	657	654	653	654	654	650	646	643	641	639	637	636	635	633	632	630	628
35	574	576	572	573	576	573	572	570	570	569	567	565	563	561	560	558	557	555	555
40	484	482	481	487	482	480	484	487	483	483	484	485	484	484	483	482	482	481	480
45	376	371	374	378	378	376	382	383	382	391	395	392	390	388	388	386	385	385	388
50	266	270	277	285	291	293	293	290	289	288	289	286	285	287	290	290	289	290	295
55	195	200	207	216	223	226	226	222	215	204	200	201	206	214	220	224	225	226	225
60	150	157	164	170	175	179	177	169	163	155	147	143	144	148	152	157	162	162	158
65	124	130	136	142	145	146	144	139	128	114	108	106	109	116	123	130	134	134	129
70	107	111	115	117	118	118	117	113	107	99.2	91.9	86.1	85.8	91.1	98.0	104	107	107	104
75	87.6	89.7	91.2	91.4	90.3	88.5	86.1	86.0	85.0	79.9	74.3	69.4	68.6	71.7	75.7	76.1	75.4	76.0	78.1
80	61.7	63.3	65.3	64.9	65.8	65.6	65.1	62.0	55.7	52.4	53.5	53.2	53.3	53.6	53.9	48.8	44.0	45.4	53.0
85	36.2	41.5	45.2	51.0	54.0	39.9	30.2	20.5	13.1	9.18	7.32	5.15	3.29	1.84	0.82	0.18	0.00	0.17	0.80
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	12.6	13.3	14.9	19.5	21.3	16.4	13.9	11.5	13.0	14.7	10.8	7.29	4.84	3.06	1.41	0.36	0.00	0.35	1.37
100	20.5	24.5	32.0	53.7	46.7	84.3	89.2	85.9	91.1	102	97.0	89.6	88.7	94.6	95.5	96.3	94.3	93.6	92.7
105	136	143	151	164	174	186	192	190	191	199	197	190	194	202	208	208	209	209	206
110	279	278	281	293	308	313	312	317	320	320	312	302	305	314	322	321	324	324	321
115	428	431	434	440	446	445	442	450	452	454	441	432	437	448	451	453	462	461	457
120	554	559	559	566	578	573	574	578	577	573	569	561	571	580	579	587	599	597	591
125	677	687	681	685	692	704	696	696	698	697	695	695	696	694	696	707	708	708	701
130	788	796	799	801	799	800	808	815	804	811	810	810	811	807	807	823	816	821	814
135	892	896	906	901	902	909	905	900	914	919	919	907	907	900	902	919	913	915	913
140	973	976	984	989	984	983	989	1007	1001	1004	997	1002	996	986	1003	1014	1010	1009	1008
145	1058	1065	1061	1058	1060	1070	1076	1075	1082	1083	1083	1076	1066	1076	1084	1084	1080	1083	1083
150	1123	1126	1131	1136	1138	1141	1143	1141	1141	1141	1137	1132	1144	1160	1156	1151	1149	1157	1156
155	1183	1185	1190	1194	1194	1193	1193	1191	1189	1180	1186	1196	1207	1211	1210	1207	1206	1206	1205
160	1226	1227	1228	1227	1226	1226	1228	1230	1236	1243	1248	1252	1257	1261	1263	1264	1262	1255	1252
165	1270	1271	1273	1277	1283	1289	1293	1292	1290	1288	1287	1286	1286	1285	1285	1286	1286	1285	1285
170	1306	1306	1307	1307	1308	1308	1308	1308	1308	1308	1308	1307	1307	1306	1307	1309	1311	1312	1314
175	1324	1324	1323	1323	1322	1322	1322	1322	1322	1322	1323	1323	1323	1324	1324	1325	1325	1326	1326
180	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-04-10

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: CL1227	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	814	814	814	814	814	814	814	814	814	814	814	814	814	814	814				
5	805	804	803	802	802	801	800	800	799	799	799	799	799	799	800				
10	795	793	791	789	787	786	784	783	782	782	781	781	781	781	782				
15	766	765	764	763	762	763	764	764	762	760	759	758	758	758	759				
20	736	734	732	729	727	726	726	727	728	731	729	727	726	726	728				
25	683	683	682	683	685	685	682	681	681	683	686	686	684	683	684				
30	626	625	623	622	622	623	625	627	626	625	627	630	630	628	628				
35	555	555	556	557	559	558	558	559	561	563	562	564	568	565	563				
40	481	481	482	483	483	485	490	492	491	492	496	495	498	500	497				
45	391	394	398	403	405	401	403	408	412	407	410	415	416	423	417				
50	298	298	298	302	307	310	311	318	318	316	320	322	321	322	319				
55	224	220	214	211	215	226	237	244	249	251	248	245	241	234	230				
60	156	154	153	154	160	169	177	189	197	198	193	189	184	178	176				
65	123	117	112	111	115	128	142	152	157	159	156	154	149	142	138				
70	98.1	91.7	89.2	91.8	97.6	106	115	122	127	129	130	127	124	119	116				
75	77.3	74.0	72.5	74.4	79.0	85.2	89.1	94.2	97.8	99.6	102	104	104	104	103				
80	57.9	58.9	58.6	57.2	56.6	63.6	68.5	71.6	73.4	75.7	77.8	79.3	80.9	83.0	85.1				
85	1.99	3.65	5.75	8.02	10.6	16.4	23.6	31.8	42.1	57.0	59.2	53.8	54.9	55.8	58.1				
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	2.94	4.71	6.59	9.25	12.2	10.2	12.3	15.9	19.8	24.8	25.5	26.2	25.3	25.1	24.9				
100	91.5	86.9	82.8	85.5	89.9	80.8	83.1	87.8	85.2	45.5	58.9	43.4	45.5	40.6	41.0				
105	202	193	183	182	185	182	182	185	188	186	178	185	196	212					
110	316	306	296	296	306	311	310	307	309	313	316	324	328	331	337				
115	450	436	431	431	441	444	444	443	445	444	450	455	461	465	473				
120	582	566	561	561	569	574	579	576	573	576	578	585	588	591	598				
125	698	690	687	681	697	696	695	694	697	696	701	702	710	709	711				
130	809	804	803	795	796	799	810	806	808	813	810	814	815	817	814				
135	912	908	909	907	911	892	899	893	913	910	912	912	912	919	914				
140	1008	998	999	998	993	998	996	992	979	978	974	983	980	978	980				
145	1075	1077	1080	1078	1078	1073	1077	1070	1069	1078	1068	1068	1073	1070	1070				
150	1148	1143	1148	1144	1143	1145	1144	1146	1143	1140	1142	1148	1144	1138	1137				
155	1207	1206	1209	1208	1204	1205	1205	1205	1204	1200	1197	1195	1194	1195	1198				
160	1256	1258	1260	1257	1251	1245	1244	1247	1253	1258	1255	1252	1248	1246	1245				
165	1286	1289	1290	1291	1290	1287	1282	1279	1277	1278	1280	1282	1284	1287	1289				
170	1316	1317	1317	1317	1315	1313	1311	1309	1307	1305	1304	1303	1303	1303	1304				
175	1327	1327	1328	1329	1329	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330				
180	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-04-10

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: