

Photometrics Pro

Luminaire Photometric Report

Filename: ETLSN-G2-8FT 2 OF 68 52 42 34 YDM U
APPN 8 2750 A3 B3 AU1 F1 SN EMN Z
150LPW 白光 SR3 68W 2700K

Lamp Output: 1 lamp, rated Lumens/lamp: 10056.8

Max Candela: 3,426.7 at Horizontal: 90°, Vertical: 2.5°

Input Wattage: 66.13

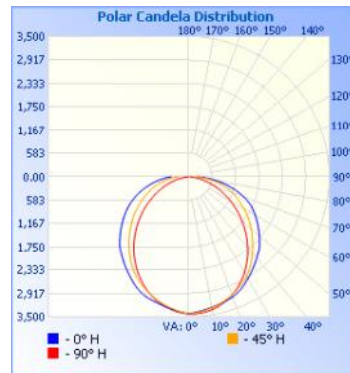
Luminous Opening: Rectangle (L: 44.13", W: 21.18")

Test Date: 2025-10-25

Photometry: Type B

Cutoff Class: Semicutoff

Nema Type: 7 X 5



Flood Summary

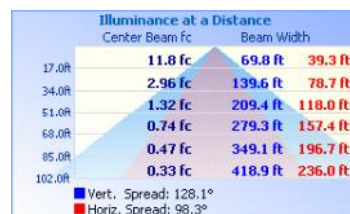
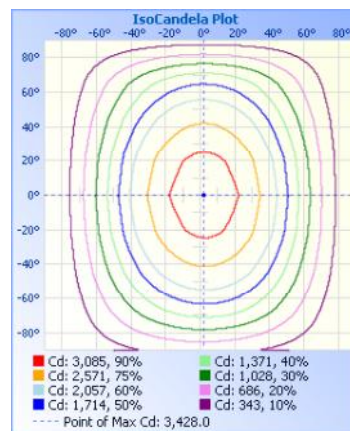
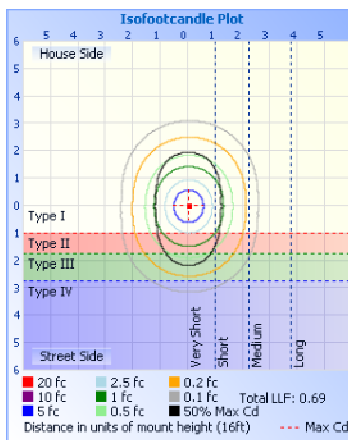
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.9%	9,946.8	153.8	87.8
Beam (50%):	69.1%	6,945.2	98.3	128.1
Total:	100%	10,055.1		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,594.4	25.8%	25.8%
0-40	4,223.6	42%	42%
0-60	7,462.5	74.2%	74.2%
60-90	2,593.5	25.8%	25.8%
0-90	10,056.0	100%	100%

Lumens Per Zone

Zone	Lumens	% Total
0-5	80.8	0.8%
5-10	239.0	2.4%
10-15	386.5	3.8%
15-20	520.9	5.2%
20-25	637.3	6.3%
25-30	729.8	7.3%
30-35	795.2	7.9%
35-40	834.1	8.3%
40-45	848.1	8.4%
45-50	837.8	8.3%
50-55	803.4	8.0%
55-60	749.6	7.5%
60-65	680.7	6.8%
65-70	598.4	6.0%
70-75	499.9	5.0%
75-80	387.9	3.9%
80-85	270.6	2.7%
85-90	156.0	1.6%



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80	70	50	30	10	0
--------	----	----	----	----	----	---

RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.07	1.02	.97	.93	1.05	1.00	.95	.82	.95	.92	.89	.91	.89	.86	.88	.85	.83	.81
2	.97	.88	.81	.75	.94	.86	.80	.68	.83	.77	.72	.79	.75	.70	.76	.72	.69	.67
3	.88	.77	.69	.62	.86	.76	.68	.57	.73	.66	.60	.70	.64	.59	.67	.62	.58	.56
4	.81	.68	.59	.52	.78	.67	.58	.49	.64	.57	.51	.62	.55	.50	.60	.54	.49	.47
5	.74	.61	.52	.45	.72	.60	.51	.43	.58	.50	.44	.56	.49	.43	.54	.48	.43	.41
6	.69	.55	.46	.39	.67	.54	.45	.37	.52	.44	.38	.50	.43	.38	.49	.42	.38	.36
7	.64	.50	.41	.34	.62	.49	.40	.33	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8	.59	.45	.37	.31	.58	.45	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.28
9	.55	.42	.33	.28	.54	.41	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.25
10	.52	.38	.30	.25	.51	.38	.30	.24	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23

Candela Table - Type B				-90	-88	-86	-84	-82	-80	-78	-76	-74	-72	-70	-68	-66	-64	-62	-60	-58	-56	-54	-52	-50	-48	-46	-44	-42	-40	-38	-36	-34	-32	-30	-28	-26	-24	-22	-20	-18	-16	-14	-12
90	27	27	29	32	36	40	45	49	52	55	59	62	66	69	74	78	82	87	91	96	100	105	110	115	120	126	130	135	141	146	151	156	162	167	170	174	180	185	189	19			
85	27	27	30	35	42	51	61	72	83	94	106	119	132	146	160	174	189	204	219	234	248	264	278	294	308	324	338	352	367	381	394	407	421	433	443	454	465	475	484	49			
80	27	27	30	37	49	62	78	96	115	133	154	176	199	222	246	271	296	321	346	371	396	422	447	472	497	522	546	569	593	616	637	658	680	699	716	733	750	766	780	79			
75	26	27	31	40	55	73	95	119	146	173	202	233	265	299	333	367	402	437	473	508	544	580	615	650	685	720	753	786	819	850	880	910	938	965	989	1013	1035	1056	1075	109			
70	26	27	31	42	61	84	112	143	177	212	250	290	332	375	419	464	509	554	600	646	692	738	784	829	873	918	961	1004	1045	1085	1124	1161	1197	1231	1262	1292	1320	1346	1370	139			
65	26	26	32	46	68	96	129	165	206	247	292	339	388	439	491	543	596	649	703	757	811	864	918	972	1024	1077	1128	1177	1226	1273	1319	1363	1405	1444	1482	1517	1550	1580	1608	163			
60	25	26	34	51	77	109	145	186	232	279	328	380	435	490	547	604	663	721	781	840	900	960	1019	1079	1137	1195	1252	1307	1361	1414	1465	1515	1561	1606	1648	1688	1724	1758	1789	181			
55	25	25	36	56	85	121	162	208	257	310	364	421	481	541	603	666	730	794	859	924	989	1055	1120	1186	1249	1314	1376	1437	1496	1555	1612	1666	1718	1768	1814	1859	1898	1936	1969	200			
50	24	25	37	61	94	134	179	229	283	341	400	463	527	592	660	728	797	866	937	1008	1078	1150	1220	1293	1362	1432	1500	1567	1631	1696	1758	1818	1875	1929	1980	2029	2072	2113	2150	218			
45	23	24	39	66	103	146	196	250	309	373	437	504	573	643	716	789	864	938	1015	1092	1168	1245	1321	1400	1474	1550	1625	1697	1766	1837	1905	1970	2031	2091	2146	2200	2246	2291	2331	236			
40	23	23	40	68	108	155	207	265	327	394	462	533	606	681	758	835	914	993	1074	1155	1236	1318	1399	1482	1562	1643	1721	1799	1873	1948	2020	2089	2155	2218	2277	2334	2383	2431	2473	251			
35	22	22	40	71	113	164	218	279	345	416	487	562	640	718	799	881	964	1048	1133	1219	1304	1391	1477	1564	1649	1735	1818	1900	1979	2059	2135	2208	2278	2345	2407	2467	2520	2571	2616	265			
30	21	21	40	74	118	173	229	294	363	437	513	592	673	756	841	927	1014	1103	1192	1283	1373	1465	1555	1647	1737	1827	1915	2001	2086	2170	2249	2327	2401	2471	2538	2601	2657	2711	2758	280			
25	20	20	41	76	123	181	240	308	381	458	538	621	707	793	882	973	1064	1157	1251	1346	1441	1538	1633	1729	1824	1919	2012	2103	2193	2281	2364	2446	2525	2598	2669	2734	2794	2850	2901	294			
20	20	20	41	78	127	187	248	318	393	473	556	641	730	819	911	1005	1099	1195	1292	1390	1488	1589	1687	1787	1885	1983	2079	2173	2266	2358	2444	2528	2610	2686	2758	2826	2888	2946	2998	304			
15	19	19	40	78	128	189	252	323	400	481	566	653	742	833	927	1023	1119	1216	1315	1415	1515	1617	1717	1819	1918	2019	2117	2212	2307	2399	2488	2573	2656	2733	2807	2876	2939	2999	3052	309			
10	18	18	39	79	130	191	256	329	407	490	575	664	755	848	944	1040	1138	1238	1338	1439	1541	1645	1747	1851	1952	2055	2154	2251	2348	2441	2532	2618	2703	2781	2856	2926	2991	3051	3105	315			
5	18	17	38	79	131	193	260	334	414	498	585	675	768	862	960	1057	1158	1259	1360	1464	1567	1674	1777	1884	1986	2091	2192	2291	2389	2483	2576	2663	2749	2828	2905	2976	3042	3103	3158	320			
0	17	16	37	79	132	195	264	340	421	506	595	686	781	876	976	1075	1178	1280	1383	1488	1593	1702	1807	1916	2019	2127	2229	2330	2429	2525	2620	2708	2796	2876	2955	3026	3093	3156	3211	326			
-5	17	16	35	76	129	190	258	332	412	495	583	672	765	859	957	1054	1155	1255	1357	1460	1563	1670	1773	1880	1981	2086	2187	2286	2384	2478	2571	2658	2744	2823	2899	2970	3036	3098	3152	320			
-10	17	16	33	73	125	186	251	324	402	485	570	658	749	842	938	1034	1132	1231	1330	1432	1534	1637	1739	1843	1943	2046	2145	2243	2338	2431	2522	2607	2692	2769	2844	2915	2979	3039	3093	314			
-15	17	16	31	70	121	181	245	316	393	474	558	644	734	825	918	1013	1109	1206	1304	1404	1504	1605	1705	1807	1906	2005	2103	2199	2292	2384	2473	2557	2639	2716	2789	2859	2922	2981	3034	308			
-20	17	16	29	67	117	177	238	308	383	463	545	630	718	807	899	992	1087	1182	1277	1376	1474	1573	1671	1770	1868	1965	2061	2155	2247	2337	2424	2507	2587	2663	2734	2803	2866	2923	2975	302			
-25	16	16	28	64	111	170	228	296	369	446	526	608	693	780	868	958	1050	1141	1234	1329	1424	1519	1614	1710	1804	1898	1990	2081	2169	2257	2340	2421	2498	2570	2639	2706	2766	2821	2872	291			
-30	16	16	26	59	105	159	216	280	350	423	499	578	659	741	826	911	998	1086	1174	1264	1354	1444	1535	1625	1714	1803	1891	1977	2060	2142	2222	2297	2370	2439	2504	2567	2624	2676	2724	276			
-35	16	16	25	55	98	149	203	265	330	400	473	547	624	703	783	864	947	1030	1114	1199	1284	1370	1455	1541	1625	1709	1791	1872	1951	2028	2103	2174	2243	2308	2369	2428	2481	2531	2576	261			
-40	16	16	23	51	91	139	191	249	311	377	446	517	590	664	741	817	896	974	1054	1134	1214	1295	1375	1456	1536	1614	1692	1767	1842	1914	1984	2051	2116	2176	2234	2289	2339	2386	2428	246			
-45	16	16	22	47	84	128	178	233	292	354	419	486	555	626	698	770	844	919	994	1069	1144	1221	1296	1371	1446	1520	1593	1663	1733	1799	1866	1928	1989	2045	2099	2151	2196	2241	2280	231			
-50	16	16	20	41	74	114	160	210	265	322	382	444	508	573	641	708	776	845	914	984	1053	1123	1192	1262	1330	1398	1464	1529	1593	1654	1714	1771	1826	1878	1927	1974	2016	2056	2092	212			
-55	16	16	19	36	64	100	142	188	237	290	345	402	461	521	583	645	707	771	834	898	962	1026	1089	1152	1214	1276	1336	1395	1453	1508	1562	1614	1664	1710	1754	1796	1835	1871	1903	193			
-60	16	16	18	30	54	86	123	165	210	258	308	360	414	469	525	582	639	697	754	813	870	928	986	1042	1099	1154	1208	1261	1313	1362	1410	1456	1501	1542	1582	1619	1654	1686	1714	174			
-65	16	16	16	24	44	72	105	142	183	226	271	318	367	417	468	519	571	623	675	727	779	830	882	933	983	1032	1080	1127	1173	1217	1258	1299	1338	1375	1409	1442	1473	1500	1526	154			
-70	16	16	16	22	38	62	91	123	158	195	234	275	318	362	407	451	496	542	587	632	677	722	767	811	854	896	937	978	1017	1055	1090	1125	1159	1190	1219	1247	1273	1297	1319	133			
-75	16	16	16	22	36	56	80	107	137	167	198	232	268	304	342	379	417	454	492	529	566	603	640	676	711	746	780	813	846	877	906	934	962	987	1011	1034	1054	1074	1093	110			
-80	16	16	17	22	34	50	69	91	115	139	161	188	217	247	277	307	337	367	396	425	454	483	512	541	569	596	623	649	675	699	722	744	765	785	803	8							

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTLAB]
[TESTDATE] 2025-10-25
[ISSUEDATE] 2025-11-03 21:26:59
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC]
FILE: CANDELA MULTIPLIER: 2
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 91
FILE: COORDINATE SYSTEM: TYPE B
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.29 copyright 2003-2026 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.