

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 5000K

Lamp Output: 1 lamp, rated Lumens/lamp: 10686.8

Max Candela: 3,641.3 at Horizontal: 90°, Vertical: 2.5°

Input Wattage: 65.74

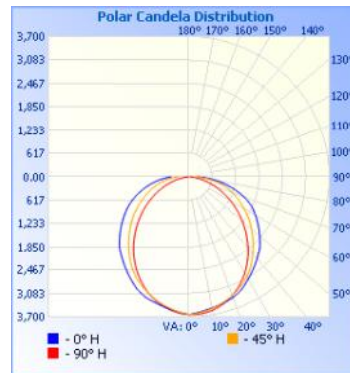
Luminous Opening: Rectangle (L: 44.13", W: 21.18")

Test Date: 2025-10-25

Photometry : Type B

Cutoff Class: Semicutoff

Nema Type: 7 X 5



Flood Summary

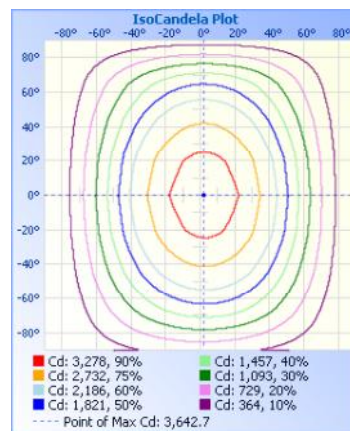
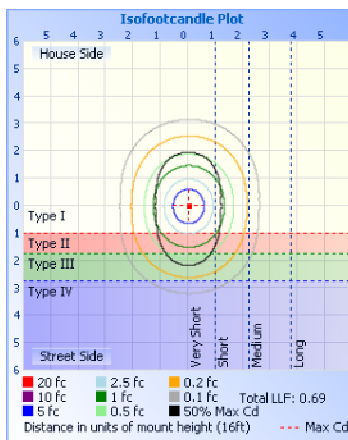
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.9%	10,569.9	153.8	87.8
Beam (50%):	69.1%	7,380.2	98.3	128.1
Total:	100%	10,684.9		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2,756.9	25.8%	25.8%
0-40	4,488.2	42%	42%
0-60	7,929.9	74.2%	74.2%
60-90	2,755.9	25.8%	25.8%
0-90	10,685.8	100%	100%

Lumens Per Zone

Zone	Lumens	% Total
0-5	85.8	0.8%
5-10	254.0	2.4%
10-15	410.8	3.8%
15-20	553.5	5.2%
20-25	677.3	6.3%
25-30	775.5	7.3%
30-35	845.0	7.9%
35-40	886.3	8.3%
40-45	901.2	8.4%
45-50	890.3	8.3%
50-55	853.7	8.0%
55-60	796.5	7.5%
60-65	723.4	6.8%
65-70	635.8	6.0%
70-75	531.2	5.0%
75-80	412.1	3.9%
80-85	287.6	2.7%
85-90	165.7	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	-1
90	29	29	31	34	39	43	48	52	55	58	62	66	70	74	78	83	88	92	97	102	107	112	117	122	128	133	138	143	150	155	160	166	172	177	181	185	191	197	201	2		
85	29	29	31	37	45	55	65	77	88	100	113	127	140	155	170	185	201	216	232	248	264	280	296	312	328	344	359	374	390	405	419	433	447	460	471	482	494	505	515	5		
80	28	29	32	40	52	66	83	102	122	142	164	187	211	236	262	288	314	341	367	394	421	448	475	502	528	555	580	605	630	654	677	700	722	742	761	779	797	813	828	8		
75	28	28	33	42	58	78	101	127	155	183	215	248	282	317	354	390	427	465	502	540	578	616	654	691	728	765	801	836	870	904	936	967	997	1025	1051	1076	1100	1122	1142	11		
70	28	28	33	45	65	89	119	151	188	225	266	308	353	399	445	493	541	589	638	686	735	784	833	881	928	976	1022	1067	1110	1153	1194	1234	1272	1308	1341	1373	1403	1430	1456	14		
65	27	28	35	49	72	102	137	175	219	263	310	361	413	466	521	577	633	690	747	804	861	919	976	1033	1088	1144	1198	1251	1302	1353	1401	1448	1493	1535	1575	1612	1647	1679	1708	17		
60	27	27	36	54	82	115	154	198	246	296	349	404	462	521	581	642	704	766	830	893	956	1020	1083	1146	1208	1270	1330	1389	1446	1503	1557	1609	1659	1707	1751	1794	1832	1868	1901	19		
55	26	27	38	59	91	129	172	221	274	329	387	448	511	575	641	708	776	843	913	982	1051	1121	1190	1260	1327	1396	1462	1527	1590	1653	1713	1771	1826	1878	1928	1975	2017	2057	2093	21		
50	26	26	40	65	100	142	190	243	301	363	425	492	560	629	701	773	847	920	996	1071	1146	1222	1297	1374	1447	1522	1594	1665	1733	1802	1868	1932	1992	2050	2104	2156	2202	2246	2285	23		
45	25	26	41	70	109	155	208	266	328	396	464	535	609	683	761	839	918	997	1079	1160	1241	1323	1404	1487	1567	1648	1726	1803	1877	1952	2024	2094	2158	2222	2281	2338	2387	2435	2477	25		
40	24	25	42	73	114	165	220	281	347	419	491	566	644	723	805	888	971	1055	1141	1228	1314	1401	1487	1575	1660	1745	1829	1911	1990	2070	2146	2220	2290	2357	2420	2480	2533	2583	2628	26		
35	23	24	42	76	120	174	232	297	367	442	518	598	680	763	849	937	1024	1113	1204	1295	1386	1479	1570	1662	1753	1843	1932	2019	2103	2188	2268	2346	2421	2491	2558	2622	2678	2732	2780	28		
30	23	23	43	78	126	183	243	312	386	464	545	629	715	803	893	985	1078	1172	1267	1363	1459	1556	1653	1750	1846	1941	2035	2127	2217	2306	2390	2473	2552	2626	2697	2763	2824	2880	2931	29		
25	22	22	43	81	131	193	255	327	405	487	572	660	751	843	937	1034	1131	1230	1330	1431	1531	1634	1736	1838	1938	2039	2138	2234	2330	2424	2512	2599	2683	2761	2836	2905	2969	3029	3082	31		
20	21	21	43	83	135	199	263	338	418	503	591	682	775	870	968	1068	1168	1270	1373	1477	1582	1688	1793	1899	2003	2107	2209	2309	2408	2505	2597	2686	2773	2854	2931	3003	3069	3131	3186	32		
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5	19	18	40	84	139	205	276	355	440	529	622	717	816	916	1020	1124	1231	1338	1446	1555	1665	1778	1889	2002	2110	2222	2329	2434	2538	2639	2737	2829	2921	3006	3087	3163	3232	3298	3355	34		
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-30	17	17	28	63	111	169	229	298	372	449	531	614	700	787	877	969	1061	1154	1248	1343	1439	1535	1631	1727	1822	1916	2009	2100	2189	2277	2361	2441	2519	2592	2660	2728	2788	2844	2894	29		
-35	17	17	26	59	104	158	216	281	351	425	502	582	663	747	832	919	1006	1095	1184	1274	1364	1456	1546	1637	1727	1816	1903	1989	2073	2155	2235	2311	2384	2452	2517	2580	2637	2690	2737	27		
-40	17	17	25	54	97	147	203	264	331	401	474	549	627	706	787	869	952	1035	1120	1205	1290	1376	1461	1547	1632	1716	1798	1878	1957	2034	2109	2180	2249	2313	2374	2433	2485	2535	2580	26		
-45	17	17	23	50	89	136	189	248	310	377	446	517	590	665	742	819	897	976	1056	1136	1216	1297	1377	1457	1537	1615	1692	1767	1841	1912	1983	2049	2113	2173	2230	2285	2334	2381	2423	24		
-50	17	17	22	44	79	121	170	224	281	342	406	472	540	609	681	752	824	898	971	1045	1119	1193	1267	1341	1414	1486	1556	1625	1692	1757	1821	1882	1941	1995	2047	2097	2142	2184	2223	22		
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-65	17	17	17	26	47	76	112	151	194	240	288	338	390	443	497	551	606	662	717	773	828	882	937	991	1044	1096	1148	1197	1246	1293	1337	1380	1422	1461	1497	1532	1565	1594	1621	16		
-70	17	17	17	23	40	66	96	131	168	208	249	293	338	385	432	480	528	576	624	672	720	767	815	861	907	952	996	1039	1081	1121	1159	1195	1231	1264	1295	1325	1353	1378	1401	14		
-75	17	17	17	23	38	59	85	114	145	178	210	246	285	324	363	403	443	483	522	562	601	640	680	718	756	793	829	864	899	932	963	993	1022	1049	1074	1098	1120	1141	1161	11		
-80	17	17	18	24	36	53	74	97	122	148	171	200	231	262	295	326	358	390	421	452	483	513	544	574	604	634	662	690	717	743	767	790	813	834	853	872	888					

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: 2.12527
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 91
FILE: COORDINATE SYSTEM: TYPE B
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.