

Photometrics Pro

Luminaire Photometric Report

Filename: ASD-LTRK-24A45-2P 277V 45W 5000K

Lamp Output: 1 lamp, rated Lumens/lamp: 6091.4

Max Candela: 1,811.7 at Horizontal: 0°, Vertical: 0°

Input Wattage: 43.7817

Luminous Opening: Rectangle (L: 0.58M, W: 0.58M)

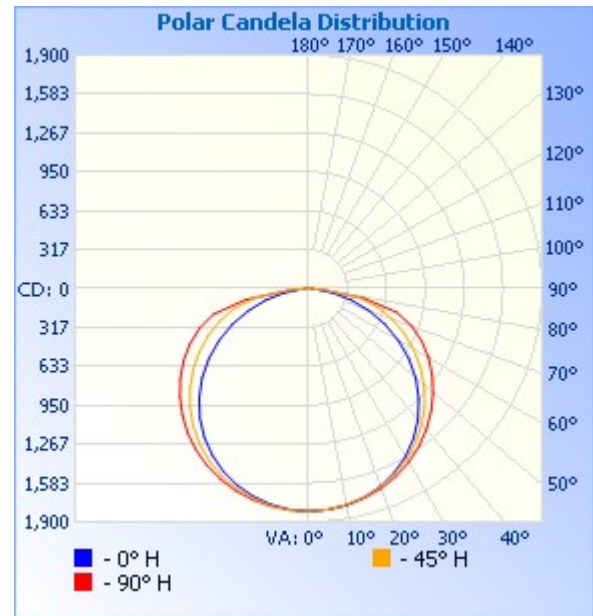
Test Date: 2024-05-22

Test Lab: Evertie

Photometry : Type C

Cutoff Class: Cutoff

Nema Type: 7 X 7



Flood Summary

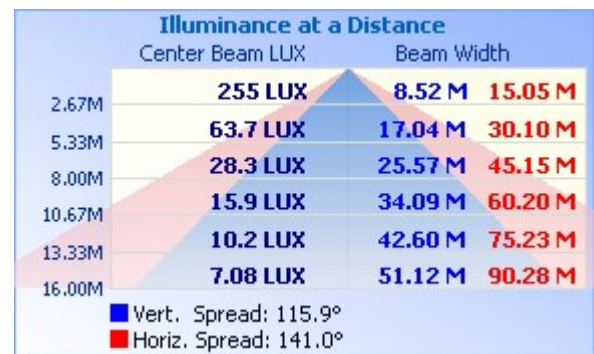
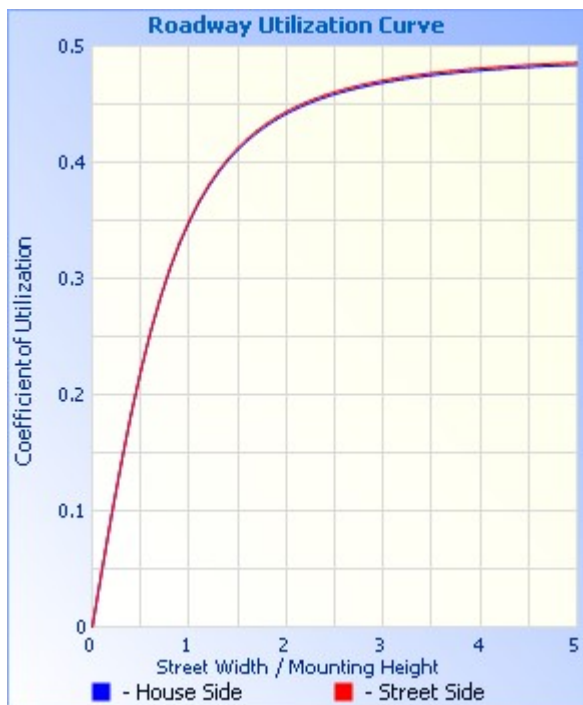
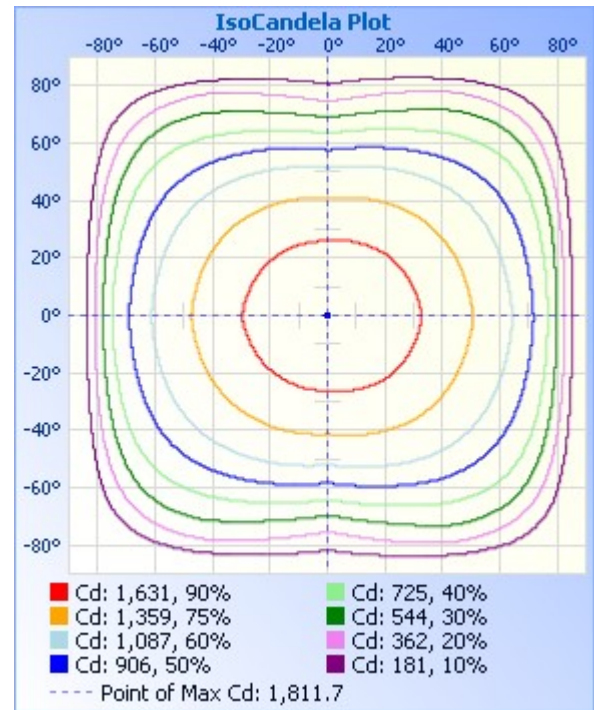
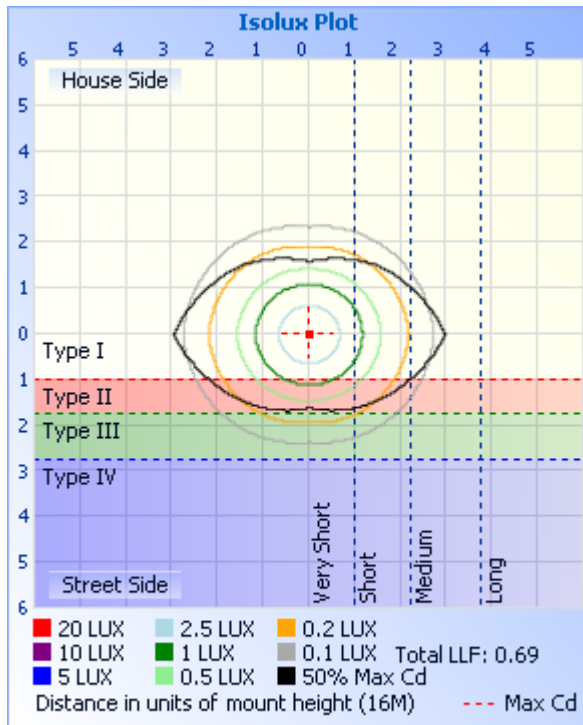
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	99%	6,028.8	169.1	162.2
Beam (50%):	79%	4,809.2	141	115.9
Total:	99.9%	6,085.1		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,439.3	23.6%	23.6%
0-40	2,397.8	39.4%	39.4%
0-60	4,440.4	72.9%	73%
60-90	1,644.4	27%	27%
70-100	786.2	12.9%	12.9%
90-120	0.9	0%	0%
0-90	6,084.8	99.9%	100%
90-180	1.7	0%	0%
0-180	6,086.4	99.9%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-5	43.2	0.7%	90-95	0.2	0%
5-10	128.5	2.1%	95-100	0.1	0%
10-15	210.5	3.5%	100-105	0.1	0%
15-20	286.9	4.7%	105-110	0.1	0%
20-25	355.6	5.8%	110-115	0.1	0%
25-30	414.6	6.8%	115-120	0.1	0%
30-35	462.1	7.6%	120-125	0.1	0%
35-40	496.5	8.2%	125-130	0.1	0%
40-45	516.8	8.5%	130-135	0.1	0%
45-50	522.3	8.6%	135-140	0.1	0%
50-55	513.3	8.4%	140-145	0.1	0%
55-60	490.2	8.1%	145-150	0.1	0%
60-65	453.8	7.5%	150-155	0.1	0%
65-70	404.7	6.6%	155-160	0.1	0%
70-75	343.2	5.6%	160-165	0.0	0%
75-80	261.1	4.3%	165-170	0.0	0%
80-85	143.9	2.4%	170-175	0.0	0%
85-90	37.6	0.6%	175-180	0.0	0%



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	10	50	30	20	10	50	30	20	10	50	30	20	10
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	1.02	1.02	1.02	1.00	1.00	1.00	1.00
1	1.07	1.02	.97	.93	1.05	1.00	.95	.82	.95	.92	.89	.86	.92	.89	.86	.88	.85	.83	.81	.81	.81	.81	.81	.81
2	.97	.88	.80	.74	.94	.86	.79	.67	.82	.76	.71	.70	.79	.74	.70	.76	.72	.68	.66	.66	.66	.66	.66	.66
3	.88	.76	.68	.61	.85	.75	.67	.56	.72	.65	.59	.58	.69	.63	.58	.66	.61	.57	.55	.55	.55	.55	.55	.55
4	.80	.67	.58	.51	.78	.66	.57	.48	.63	.56	.50	.49	.61	.54	.49	.59	.53	.48	.46	.46	.46	.46	.46	.46
5	.73	.60	.50	.43	.71	.59	.50	.41	.56	.48	.42	.42	.54	.47	.42	.52	.46	.41	.39	.39	.39	.39	.39	.39
6	.68	.54	.44	.37	.66	.53	.44	.36	.51	.43	.37	.37	.49	.42	.37	.47	.41	.36	.34	.34	.34	.34	.34	.34
7	.62	.48	.39	.33	.61	.48	.39	.32	.46	.38	.32	.32	.44	.37	.32	.43	.37	.32	.30	.30	.30	.30	.30	.30

8	.58	.44	.35	.29	.56	.43	.35	.28	.42	.34	.29	.41	.34	.29	.39	.33	.28	.26
9	.54	.40	.32	.26	.53	.40	.32	.25	.39	.31	.26	.37	.31	.26	.36	.30	.26	.24
10	.51	.37	.29	.24	.49	.37	.29	.23	.36	.28	.23	.35	.28	.23	.34	.28	.23	.21

Candela Table - Type C

	0	45	90	135	180	225	270	315	360
0	1812	1812	1812	1812	1812	1812	1812	1812	1812
5	1807	1805	1804	1804	1804	1808	1809	1810	1807
10	1788	1785	1789	1784	1784	1793	1798	1795	1788
15	1757	1756	1763	1753	1749	1767	1777	1770	1757
20	1711	1716	1729	1710	1703	1729	1747	1732	1711
25	1652	1664	1685	1656	1642	1680	1708	1682	1652
30	1577	1600	1631	1589	1567	1618	1659	1620	1577
35	1489	1523	1566	1511	1479	1546	1601	1546	1489
40	1386	1434	1492	1423	1377	1461	1532	1460	1386
45	1268	1336	1410	1323	1261	1366	1453	1363	1268
50	1140	1226	1322	1214	1133	1261	1367	1253	1140
55	998	1109	1227	1099	992	1148	1274	1136	998
60	846	986	1128	978	842	1027	1176	1013	846
65	685	857	1018	852	684	901	1068	883	685
70	521	723	896	720	522	768	946	748	521
75	358	584	745	584	361	627	800	607	358
80	206	416	461	421	213	462	522	446	206
85	78	142	129	146	85	176	170	170	78
90	0	1	0	0	0	0	1	1	0
95	0	1	0	0	0	0	1	0	0
100	0	1	0	0	0	0	1	0	0
105	0	1	0	0	0	0	1	0	0
110	0	1	0	0	0	0	1	0	0
115	0	1	0	0	0	0	1	0	0
120	0	1	0	0	0	0	1	0	0
125	0	1	0	0	0	0	1	0	0
130	0	1	0	0	0	0	1	0	0
135	0	1	0	0	0	0	1	0	0
140	0	0	0	0	0	0	1	0	0
145	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTLAB] Evertie
[TESTDATE] 2024-05-22
[ISSUEDATE] 2024-05-22 14:21:06
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC]
[LUMINAIRE]
FILE: CANDELA MULTIPLIER: 1.00661
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 9
FILE: COORDINATE SYSTEM: TYPE C
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.