

Photometrics Pro

Luminaire Photometric Report

Filename: ASD-LTRK-22A30-2P 277V 30W 5000K

Lamp Output: 1 lamp, rated Lumens/lamp: 3910.3

Max Candela: 1,173.1 at Horizontal: 0°, Vertical: 0°

Input Wattage: 29.0266

Luminous Opening: Rectangle (L: 0.38M, W: 0.28M)

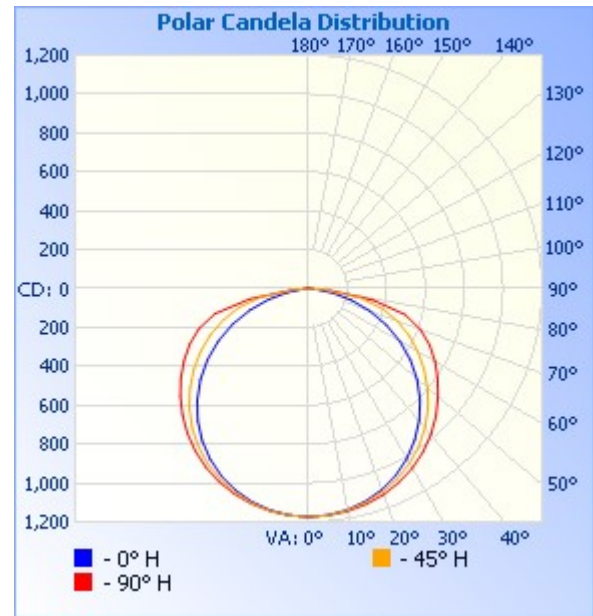
Test Date: 2024-05-07

Test Lab: Evertie

Photometry : Type C

Cutoff Class: Cutoff

Nema Type: 7 X 7



Flood Summary

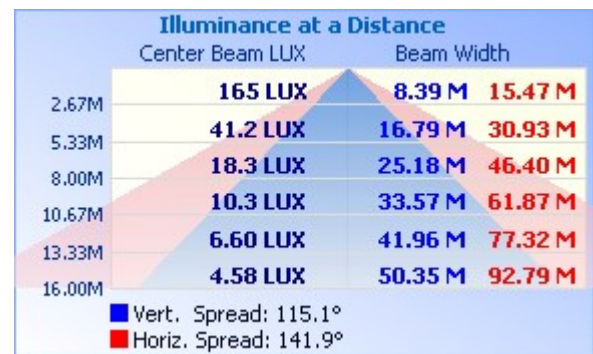
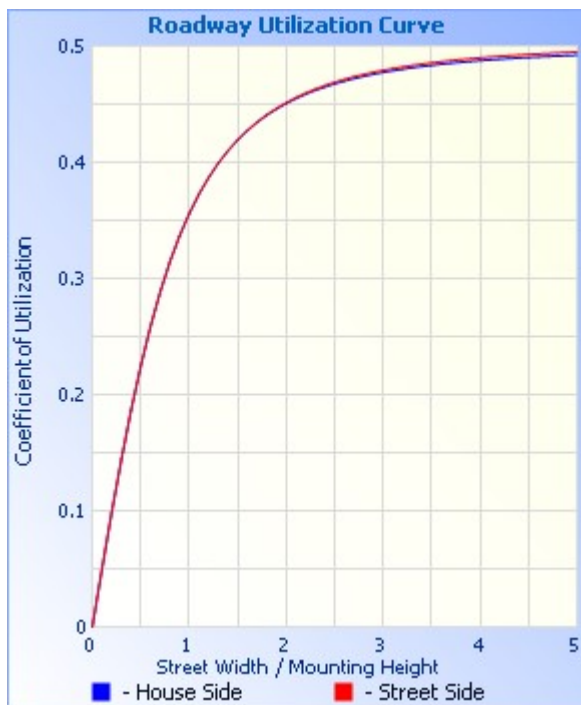
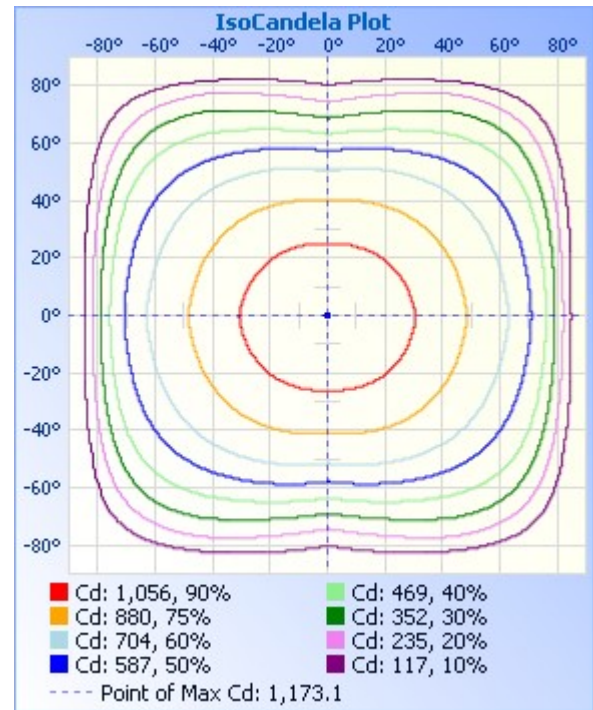
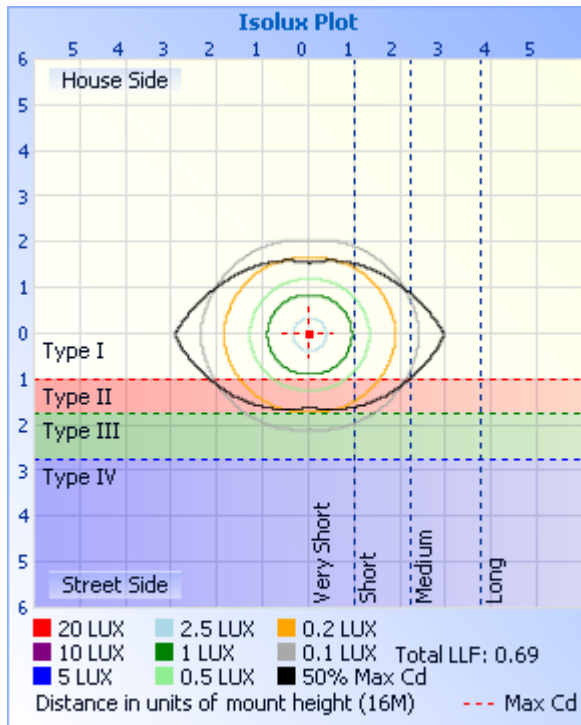
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	99%	3,870.8	169.4	160.4
Beam (50%):	79%	3,088.1	141.9	115.1
Total:	99.9%	3,906.1		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	929.7	23.8%	23.8%
0-40	1,547.1	39.6%	39.6%
0-60	2,860.4	73.2%	73.2%
60-90	1,046.3	26.8%	26.8%
70-100	493.1	12.6%	12.6%
90-120	0.1	0%	0%
0-90	3,906.7	99.9%	100%
90-180	0.2	0%	0%
0-180	3,907.0	99.9%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-5	28.0	0.7%	90-95	0.0	0%
5-10	83.2	2.1%	95-100	0.0	0%
10-15	136.1	3.5%	100-105	0.0	0%
15-20	185.4	4.7%	105-110	0.0	0%
20-25	229.6	5.9%	110-115	0.0	0%
25-30	267.4	6.8%	115-120	0.0	0%
30-35	297.8	7.6%	120-125	0.0	0%
35-40	319.7	8.2%	125-130	0.0	0%
40-45	332.4	8.5%	130-135	0.0	0%
45-50	335.7	8.6%	135-140	0.0	0%
50-55	329.9	8.4%	140-145	0.0	0%
55-60	315.3	8.1%	145-150	0.0	0%
60-65	292.4	7.5%	150-155	0.0	0%
65-70	260.9	6.7%	155-160	0.0	0%
70-75	219.9	5.6%	160-165	0.0	0%
75-80	163.9	4.2%	165-170	0.0	0%
80-85	87.3	2.2%	170-175	0.0	0%
85-90	21.9	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	.96	.82	.96	.92	.89	.86	.92	.89	.86	.88	.86	.86	.83	.83	.81	.81	.81	.81
2	.97	.88	.81	.74	.94	.86	.79	.68	.82	.77	.72	.70	.79	.74	.70	.76	.72	.68	.68	.66	.66	.66	.66	.66
3	.88	.77	.68	.61	.85	.75	.67	.57	.72	.65	.59	.58	.69	.63	.58	.66	.61	.57	.57	.55	.55	.55	.55	.55
4	.80	.67	.58	.51	.78	.66	.57	.48	.63	.56	.50	.49	.61	.54	.49	.59	.53	.48	.48	.46	.46	.46	.46	.46
5	.73	.60	.50	.43	.71	.59	.50	.41	.56	.49	.43	.42	.54	.48	.42	.53	.46	.42	.42	.39	.39	.39	.39	.39
6	.68	.54	.44	.38	.66	.53	.44	.36	.51	.43	.37	.37	.49	.42	.37	.47	.41	.36	.36	.34	.34	.34	.34	.34
7	.63	.48	.39	.33	.61	.48	.39	.32	.46	.38	.33	.32	.45	.38	.32	.43	.37	.32	.32	.30	.30	.30	.30	.30

8	.58	.44	.35	.29	.57	.43	.35	.28	.42	.34	.29	.41	.34	.29	.40	.33	.29	.27
9	.54	.40	.32	.26	.53	.40	.32	.26	.39	.31	.26	.38	.31	.26	.36	.30	.26	.24
10	.51	.37	.29	.24	.50	.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	1173	1173	1173	1173	1173	1173	1173	1173	1173
5	1168	1169	1170	1170	1169	1169	1169	1169	1168
10	1154	1157	1161	1159	1156	1158	1159	1157	1154
15	1131	1138	1147	1141	1133	1140	1144	1137	1131
20	1100	1112	1126	1115	1102	1113	1122	1110	1100
25	1059	1079	1099	1081	1062	1079	1093	1075	1059
30	1009	1037	1065	1040	1012	1038	1059	1032	1009
35	951	988	1025	991	954	989	1017	984	951
40	884	931	978	934	886	932	970	927	884
45	810	868	925	870	810	867	917	864	810
50	728	798	868	799	726	796	861	795	728
55	638	725	810	724	635	721	802	721	638
60	542	648	750	643	536	641	740	645	542
65	440	569	687	558	431	557	675	566	440
70	334	485	611	467	321	466	601	482	334
75	228	390	513	369	213	368	500	390	228
80	128	272	338	253	113	250	310	272	128
85	43	92	116	88	34	83	94	90	43
90	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	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] 2024-05-07
[ISSUEDATE] 2024-05-07 08:35:08
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC]
[LUMINAIRE]
FILE: CANDELA MULTIPLIER: 1.00877
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.