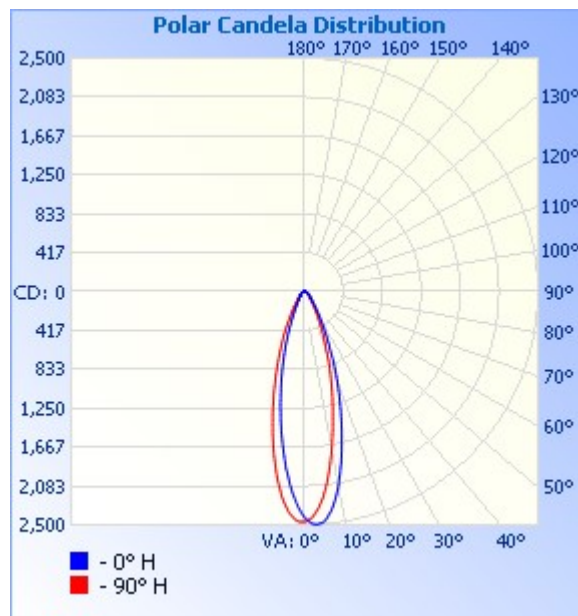


Photometrics Pro

Luminaire Photometric Report

Filename: NS-115-30DEG-DMX 27K+65K
Lamp Output: 1 lamp, rated Lumens/lamp: 1019.4
Max Candela: 2,496.0 at Horizontal: 0°, Vertical: 3°
Input Wattage: 8.65956
Luminous Opening: Rectangle (L: 19.69", W: 0.79")
Test Date: 2022-08-23
Test Lab: EVERFINE
Photometry : Type C
Nema Type: 4 X 4



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	3.0	
Max Cd, 80 to <90 Deg:	10.4	
	Lumens	% Lamp
Downward Street Side:	565.4	55.5%
Downward House Side:	454.1	44.5%
Downward Total:	1,019.4	100%
Total Lumens:	1,019.4	100%

Flood Summary

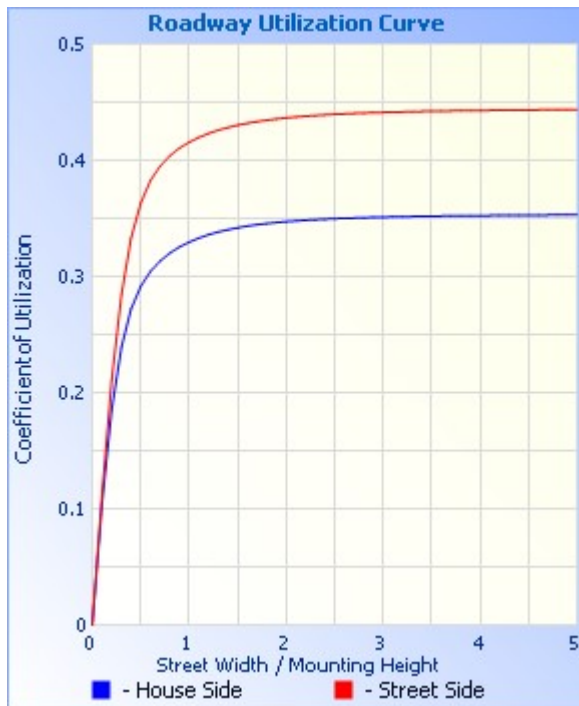
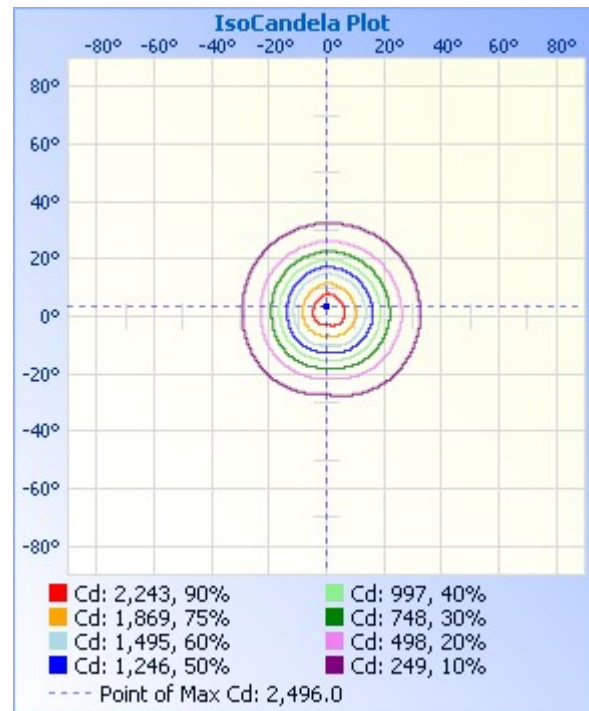
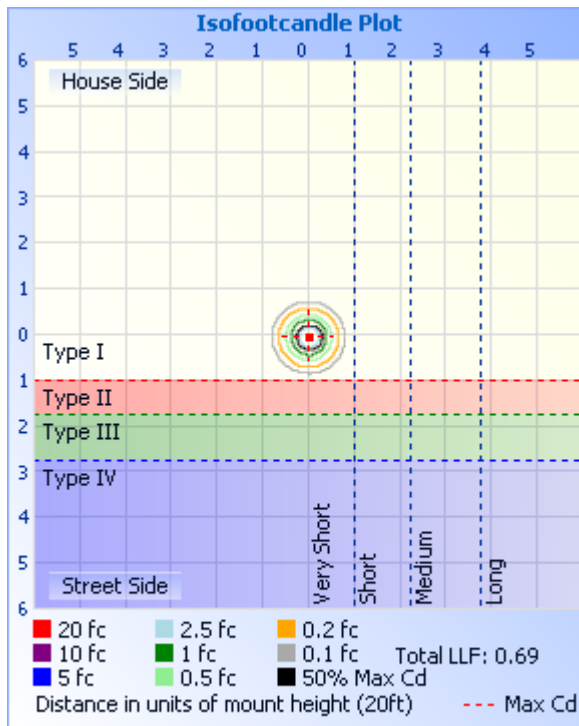
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	75.3%	767.9	61.8	60
Beam (50%):	37.2%	379.2	29.7	29.7
Total:	100.1%	1,020.0		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	755.6	74.1%	74.1%
0-40	860.5	84.4%	84.4%
0-60	967.9	94.9%	95%
60-90	51.4	5%	5%
0-90	1,019.3	100%	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	198.8	19.5%
10-20	339.3	33.3%
20-30	217.4	21.3%
30-40	104.9	10.3%
40-50	62.3	6.1%
50-60	45.1	4.4%
60-70	30.4	3.0%
70-80	16.1	1.6%
80-90	4.8	0.5%



Illuminance at a Distance

	Center Beam fc	Beam Width	
4.3R	131 fc	2.3 ft	2.3 ft
8.7R	32.0 fc	4.6 ft	4.6 ft
13.0R	14.3 fc	6.9 ft	6.9 ft
17.3R	8.08 fc	9.2 ft	9.2 ft
21.7R	5.14 fc	11.5 ft	11.5 ft
26.0R	3.58 fc	13.8 ft	13.8 ft

■ Vert. Spread: 29.7°
■ Horiz. Spread: 29.7°

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	1.13	1.10	1.08	1.05	1.11	1.08	1.06	.93	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2	1.07	1.02	.98	.95	1.05	1.01	.97	.87	.97	.94	.92	.94	.92	.90	.92	.90	.88	.86
3	1.02	.96	.91	.87	1.00	.94	.90	.81	.92	.88	.84	.89	.86	.83	.87	.84	.82	.80

4	.97	.90	.84	.80	.95	.89	.83	.76	.86	.82	.79	.84	.81	.78	.83	.79	.77	.75
5	.93	.85	.79	.75	.91	.84	.78	.72	.82	.77	.74	.80	.76	.73	.79	.75	.72	.71
6	.89	.80	.74	.70	.87	.79	.74	.68	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7	.85	.76	.70	.66	.84	.75	.70	.65	.74	.69	.66	.73	.69	.65	.72	.68	.65	.64
8	.81	.72	.67	.63	.80	.72	.67	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.61
9	.78	.69	.64	.60	.77	.69	.63	.59	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
10	.75	.66	.61	.57	.74	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.56

Candela Table - Type C

	0	90	180	270	360
0	2419	2468	2419	2468	2419
0.5	2440	2461	2388	2465	2440
1	2457	2446	2358	2466	2457
1.5	2475	2433	2323	2465	2475
2	2488	2418	2282	2455	2488
2.5	2492	2388	2242	2438	2492
3	2496	2359	2196	2418	2496
3.5	2492	2333	2153	2397	2492
4	2487	2295	2106	2376	2487
4.5	2480	2258	2052	2342	2480
5	2465	2222	1999	2308	2465
5.5	2443	2170	1947	2271	2443
6	2415	2126	1904	2235	2415
6.5	2388	2076	1841	2193	2388
7	2356	2019	1784	2141	2356
7.5	2320	1965	1733	2099	2320
8	2282	1914	1675	2052	2282
8.5	2236	1856	1620	2001	2236
9	2193	1800	1564	1949	2193
9.5	2147	1743	1515	1895	2147
10	2095	1684	1455	1844	2095
10.5	2037	1627	1402	1791	2037
11	1986	1564	1347	1737	1986
11.5	1925	1510	1296	1686	1925
12	1881	1456	1244	1630	1881
12.5	1819	1399	1193	1576	1819
13	1764	1347	1139	1518	1764
13.5	1707	1295	1089	1466	1707
14	1650	1238	1044	1411	1650
14.5	1594	1195	1000	1362	1594
15	1537	1142	957	1317	1537
15.5	1479	1091	912	1260	1479
16	1422	1044	871	1211	1422
16.5	1369	998	822	1167	1369
17	1318	958	782	1120	1318
17.5	1266	916	741	1071	1266
18	1213	876	705	1029	1213
18.5	1164	836	668	987	1164
19	1113	789	632	944	1113
19.5	1068	742	599	902	1068
20	1020	695	568	863	1020
20.5	974	661	535	827	974
21	929	627	504	789	929
21.5	888	595	472	751	888
22	849	564	447	715	849
22.5	800	537	421	684	800
23	751	509	395	651	751

23.5	702	482	369	620	702
24	665	456	343	591	665
24.5	632	432	323	563	632
25	601	409	306	537	601
25.5	570	386	290	511	570
26	541	365	273	485	541
26.5	513	346	258	462	513
27	486	328	244	440	486
27.5	461	310	231	418	461
28	435	293	218	395	435
28.5	410	277	207	371	410
29	389	262	197	348	389
29.5	370	248	187	330	370
30	350	236	177	314	350
30.5	332	224	169	298	332
31	314	212	161	283	314
31.5	297	201	153	269	297
32	280	190	146	256	280
32.5	264	181	140	242	264
33	249	173	134	230	249
33.5	236	164	129	219	236
34	224	156	124	208	224
34.5	212	149	119	197	212
35	201	143	115	187	201
35.5	191	136	110	178	191
36	181	131	106	170	181
36.5	172	126	103	162	172
37	163	121	100	154	163
37.5	156	116	97	148	156
38	149	112	94	141	149
38.5	142	108	91	135	142
39	136	104	89	130	136
39.5	131	101	86	124	131
40	126	98	84	120	126
40.5	121	94	82	115	121
41	117	92	80	112	117
41.5	112	89	78	107	112
42	108	87	76	104	108
42.5	105	84	74	101	105
43	102	82	73	97	102
43.5	99	80	71	94	99
44	95	78	70	92	95
44.5	93	76	68	89	93
45	90	74	67	87	90
45.5	87	72	65	84	87
46	85	71	64	82	85
46.5	83	69	63	80	83
47	81	68	61	78	81
47.5	79	66	60	76	79

48	77	65	59	74	77
48.5	75	63	58	72	75
49	73	62	57	70	73
49.5	71	61	55	68	71
50	70	59	54	67	70
50.5	68	58	53	65	68
51	67	57	52	64	67
51.5	65	56	51	62	65
52	64	55	50	61	64
52.5	62	54	49	59	62
53	61	52	48	58	61
53.5	59	51	47	57	59
54	58	50	46	55	58
54.5	57	49	45	54	57
55	56	48	44	53	56
55.5	54	47	43	51	54
56	53	46	42	50	53
56.5	52	45	41	49	52
57	51	44	40	48	51
57.5	49	43	39	47	49
58	48	42	38	46	48
58.5	47	41	38	45	47
59	46	40	37	44	46
59.5	45	40	36	43	45
60	44	39	35	42	44
60.5	43	38	34	41	43
61	42	37	33	40	42
61.5	41	36	32	39	41
62	40	35	32	38	40
62.5	39	34	31	37	39
63	38	33	30	36	38
63.5	37	33	29	35	37
64	36	32	28	34	36
64.5	35	31	27	33	35
65	34	30	26	32	34
65.5	33	29	25	32	33
66	32	28	24	31	32
66.5	32	28	23	30	32
67	31	27	22	29	31
67.5	30	26	21	28	30
68	29	25	20	28	29
68.5	28	25	19	27	28
69	27	24	18	26	27
69.5	26	23	18	25	26
70	25	23	17	24	25
70.5	24	22	16	24	24
71	23	21	16	23	23
71.5	22	21	15	22	22
72	21	20	15	21	21

72.5	20	19	14	21	20
73	19	18	14	20	19
73.5	18	18	13	19	18
74	17	17	13	19	17
74.5	16	16	13	18	16
75	15	16	12	17	15
75.5	15	15	12	16	15
76	14	14	11	16	14
76.5	13	14	11	15	13
77	13	13	10	14	13
77.5	12	12	10	14	12
78	12	12	9	13	12
78.5	11	11	9	12	11
79	11	10	9	12	11
79.5	11	9	8	11	11
80	10	9	8	10	10
80.5	10	8	7	10	10
81	9	7	7	9	9
81.5	9	7	7	8	9
82	8	6	6	8	8
82.5	8	5	6	7	8
83	8	5	6	6	8
83.5	7	4	5	6	7
84	7	4	5	5	7
84.5	6	3	4	4	6
85	6	3	4	4	6
85.5	6	2	4	3	6
86	5	2	4	2	5
86.5	5	1	3	1	5
87	5	1	3	1	5
87.5	4	0	3	0	4
88	4	0	2	0	4
88.5	4	0	2	0	4
89	4	0	2	0	4
89.5	3	0	2	0	3
90	3	0	1	0	3

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTLAB] EVERFINE
[TESTDATE] 2022-08-23
[ISSUE DATE] 2022-08-23 10:15:55
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC]
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 5
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.