

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P152700

Luminaire Tested: **VXM-E06-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152700
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXM-E06-LED-E1-SLL
Description: VISION SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16694.7 lumens
Efficiency: N/A
Efficacy: 110.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G4

Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



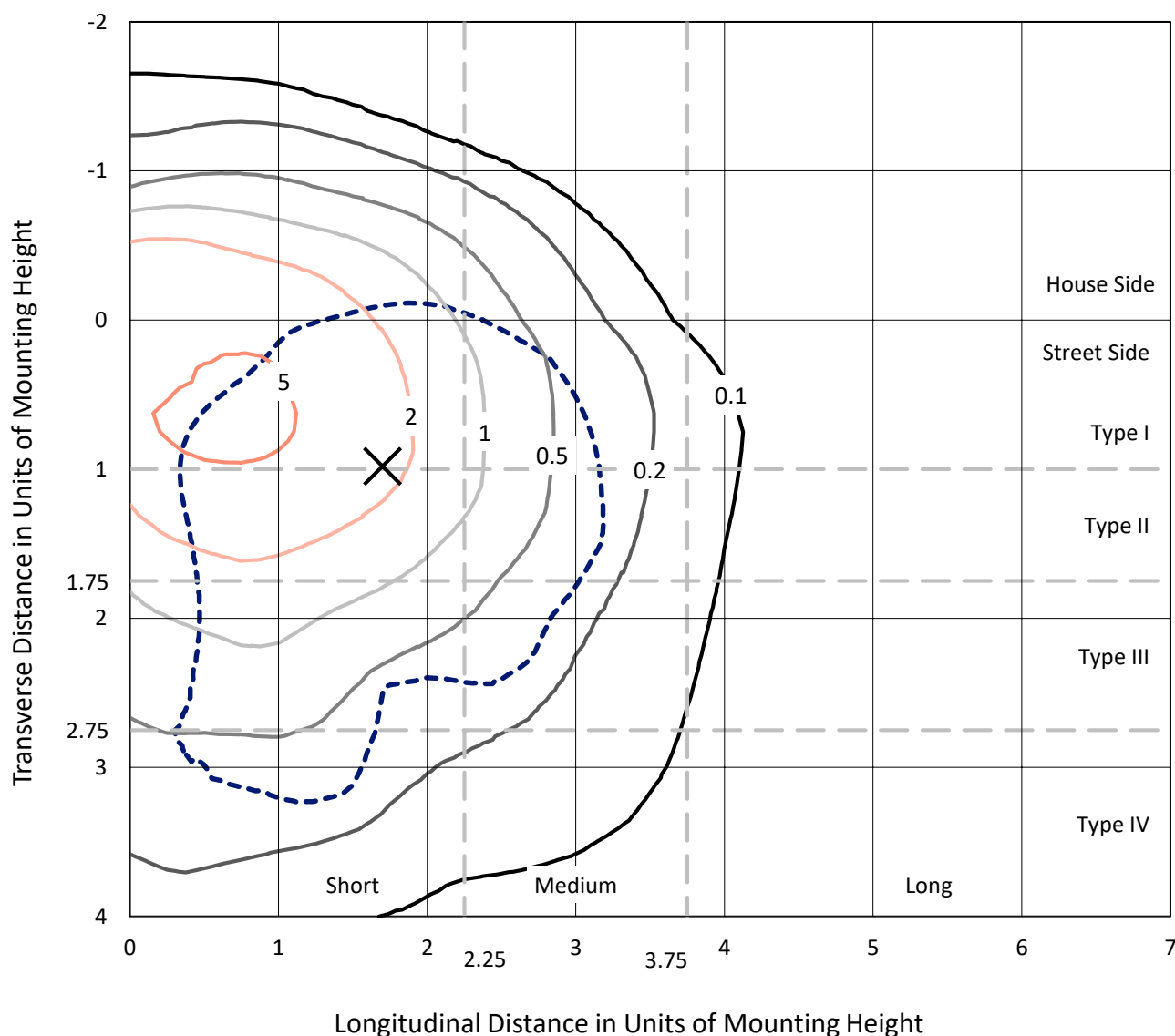
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

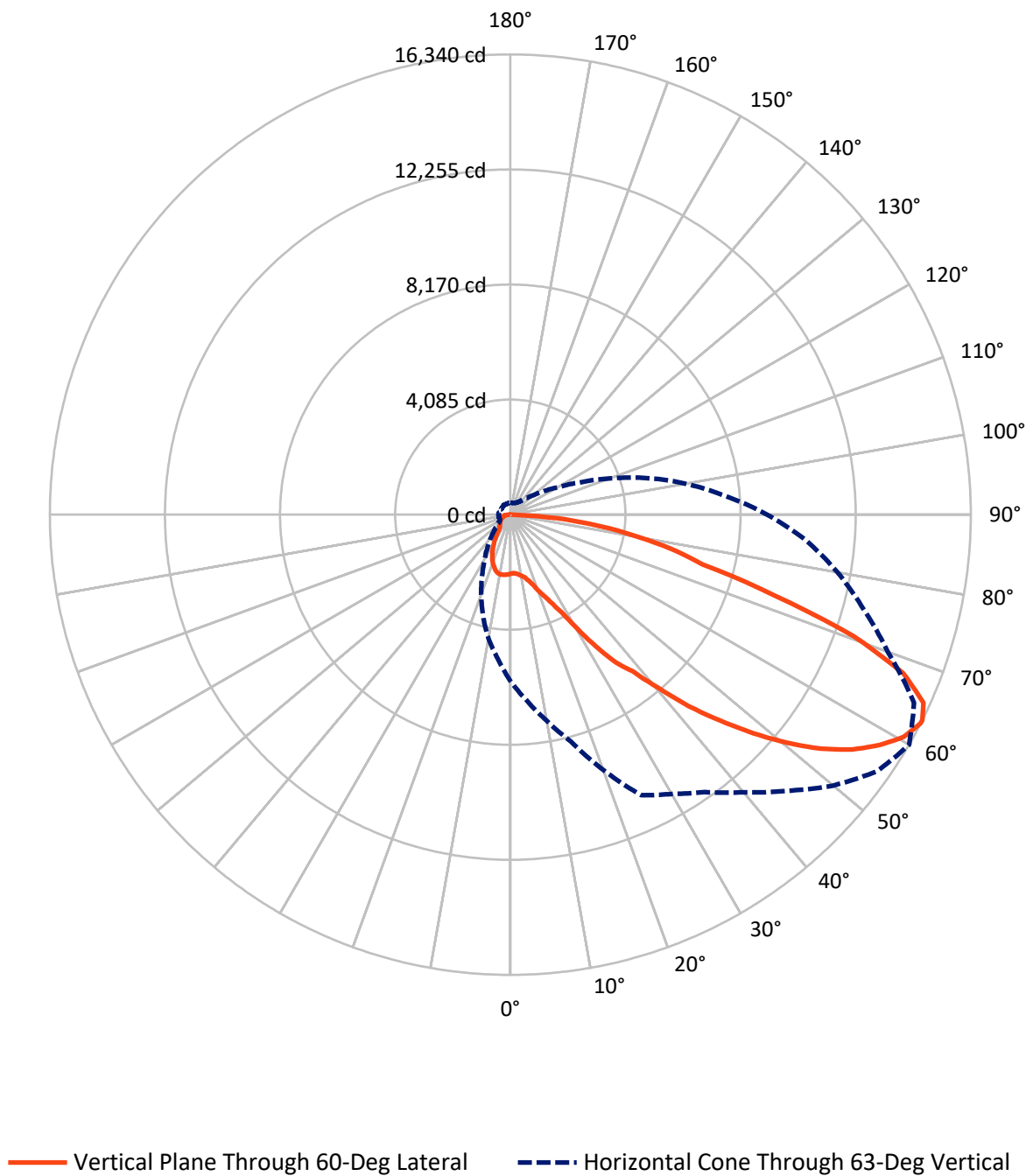


Based on 25 foot mounting height. Maximum calculated value = 6.6 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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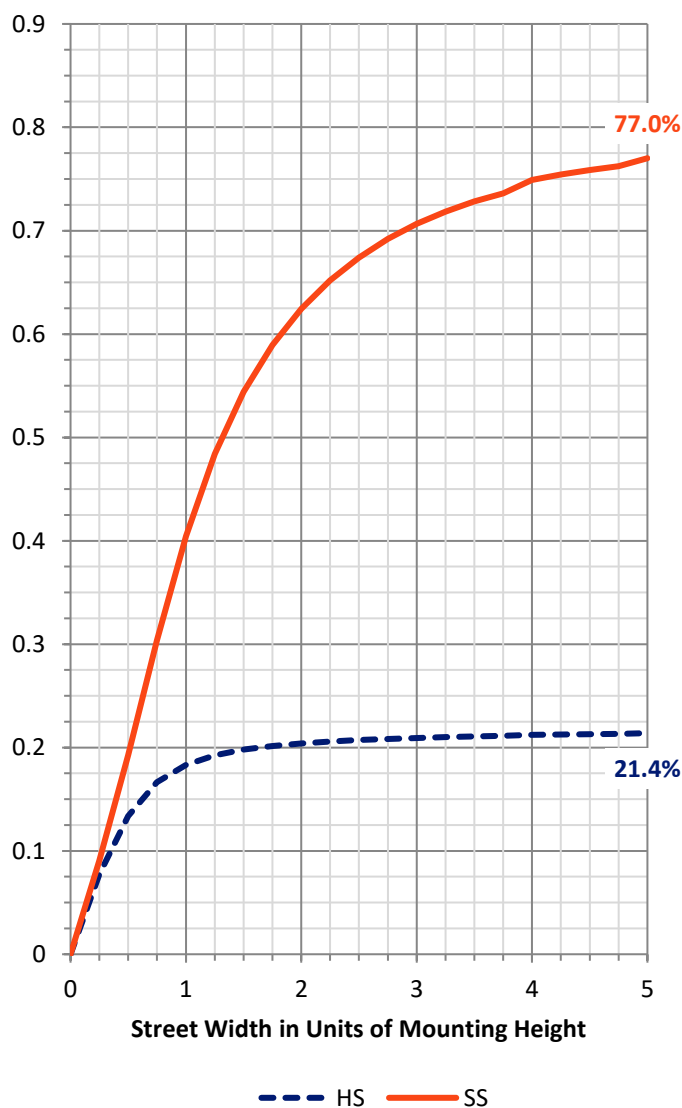
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3620.2	0.0	3620.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	13074.5	0.0	13074.5
	% Fixture	78.3	0.0	78.3
Total	Lumens	16694.7	0.0	16694.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.2	1.2
10°-20°	636.1	3.8
20°-30°	1130.0	6.8
30°-40°	1779.4	10.7
40°-50°	2618.8	15.7
50°-60°	3478.5	20.8
60°-70°	3831.6	23.0
70°-80°	2403.9	14.4
80°-90°	612.3	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16694.7	100.0
0°-180°	16694.7	100.0

Coefficient of Utilization



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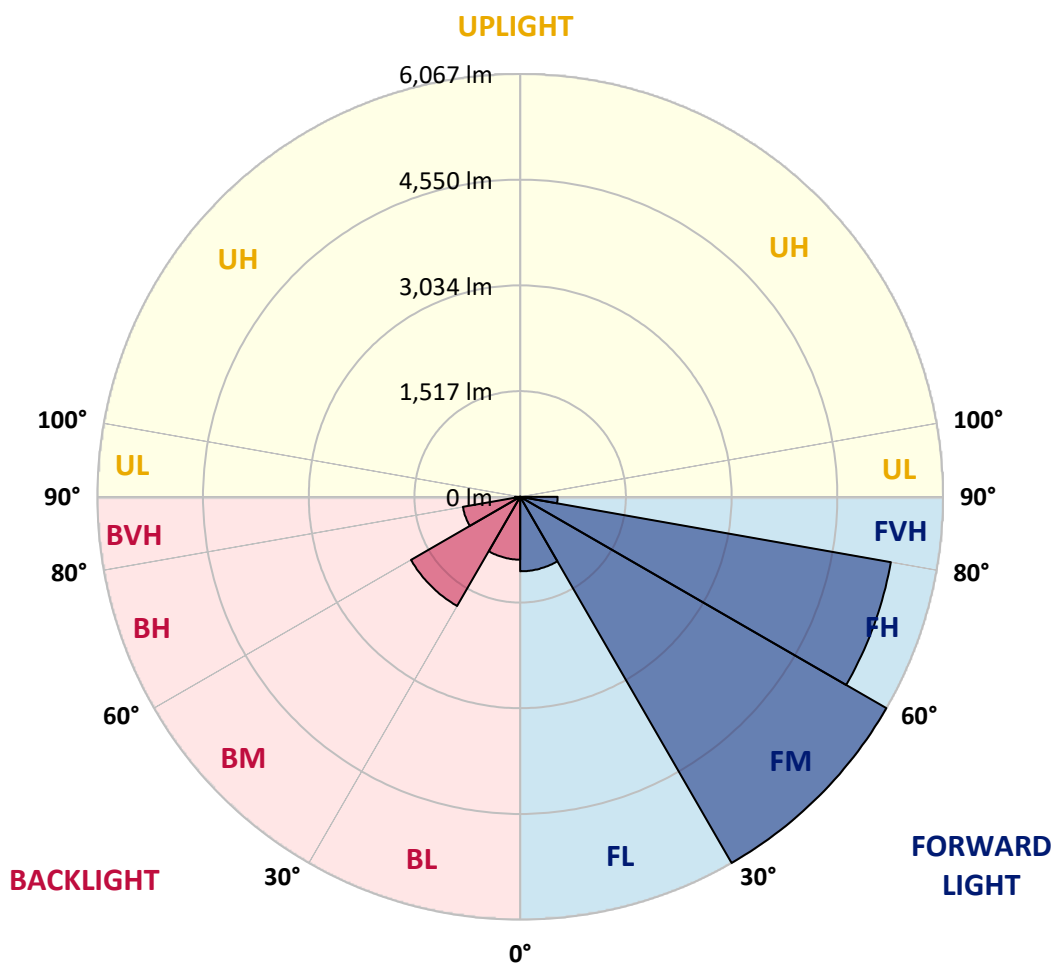
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1069.0	6.4			
FM	(30°-60°)	6067.3	36.3			
FH	(60°-80°)	5401.0	32.4			G3/7500
FVH	(80°-90°)	537.3	3.2			G4/750
BL	(0°-30°)	901.3	5.4	B2/1000		
BM	(30°-60°)	1809.4	10.8	B2/2500		
BH	(60°-80°)	834.5	5.0	B2/1000		G2/1000
BVH	(80°-90°)	75.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098
2.5°	2070	2074	2074	2072	2072	2076	2074	2072	2066	2074	2074
5°	2054	2058	2058	2062	2066	2070	2070	2074	2072	2080	2086
7.5°	2074	2078	2086	2096	2102	2116	2116	2126	2130	2136	2134
10°	2100	2110	2128	2144	2156	2172	2184	2198	2198	2204	2208
12.5°	2146	2156	2176	2196	2214	2234	2252	2266	2280	2284	2292
15°	2222	2234	2264	2292	2314	2340	2364	2392	2418	2424	2428
17.5°	2336	2360	2382	2432	2464	2498	2536	2576	2584	2626	2636
20°	2498	2528	2548	2610	2664	2708	2764	2810	2828	2868	2908
22.5°	2778	2772	2802	2864	2904	2992	3040	3088	3112	3172	3204
25°	3154	3186	3252	3258	3296	3398	3460	3508	3510	3528	3562
27.5°	3524	3656	3760	3816	3918	4012	4008	4076	3970	3992	4024
30°	3972	4192	4388	4520	4624	4734	4788	4826	4780	4760	4722
32.5°	4392	4700	5002	5236	5430	5612	5732	5786	5850	6012	6070
35°	4680	5116	5492	5830	6154	6444	6654	6774	6728	6706	6694
37.5°	4852	5384	5854	6332	6704	7138	7464	7780	7852	7726	7664
40°	4960	5590	6194	6758	7240	7800	8204	8678	9038	9086	8938
42.5°	5012	5728	6432	7070	7722	8408	8920	9494	10032	10402	10310
45°	5020	5818	6606	7352	8128	8942	9602	10238	10958	11592	11610
47.5°	5020	5886	6726	7556	8492	9406	10126	10878	11760	12510	12740
50°	5024	5932	6838	7716	8770	9798	10612	11500	12428	13244	13688
52.5°	5042	5966	6926	7830	8950	10074	10990	12014	12938	13776	14350
55°	5082	6014	6990	7900	9070	10254	11264	12366	13268	14118	14920
57.5°	5194	6098	7068	7962	9136	10372	11456	12518	13394	14280	15222
60°	5418	6276	7202	8086	9246	10590	11548	12416	13302	14232	15290
62.5°	5776	6554	7388	8296	9560	10928	11478	12112	12940	13954	15048
63°	5900	6614	7430	8342	9646	10990	11448	12022	12866	13866	14962
65°	6246	6880	7630	8574	10000	11052	11214	11554	12354	13364	14454
67.5°	6892	7526	8060	8966	10298	10808	10488	10530	11366	12412	13392
70°	7300	8056	8334	9016	10244	10446	9548	8992	9662	10854	11712
72.5°	7194	8062	8032	8350	9164	9352	8422	7546	7944	8834	9390
75°	6162	7200	6980	6916	7202	7326	6628	6494	6996	7490	7498
77.5°	4436	5578	5320	4950	4930	5216	5310	6188	6930	7320	7148
80°	2826	4064	3796	3150	3140	3512	4338	5532	6318	6536	6088
82.5°	1476	2660	2762	2364	2706	3322	4128	4458	4756	4786	4258
85°	920	1636	1924	1986	2444	2946	2940	2824	2692	2304	2084
87.5°	104	206	312	296	398	558	696	408	286	104	144
90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098
2.5°	2078	2080	2082	2082	2092	2090	2092	2096	2102	2106	2110
5°	2094	2094	2102	2108	2120	2128	2132	2144	2158	2154	2166
7.5°	2146	2144	2152	2156	2166	2180	2178	2188	2200	2204	2214
10°	2216	2210	2210	2206	2208	2204	2204	2204	2212	2210	2218
12.5°	2288	2286	2282	2270	2270	2254	2246	2236	2234	2220	2222
15°	2436	2436	2428	2404	2384	2370	2350	2336	2316	2290	2276
17.5°	2652	2624	2614	2610	2578	2566	2522	2476	2454	2418	2398
20°	2916	2910	2870	2850	2810	2754	2698	2638	2602	2558	2534
22.5°	3214	3170	3150	3120	3058	2994	2910	2830	2774	2744	2726
25°	3562	3518	3498	3458	3382	3314	3210	3116	3066	3016	2988
27.5°	4024	3982	3958	3854	3828	3716	3588	3460	3394	3320	3272
30°	4714	4716	4592	4466	4336	4142	4008	3864	3756	3650	3544
32.5°	5880	5582	5352	5082	4800	4594	4428	4256	4106	3952	3776
35°	6592	6448	6150	5656	5372	5122	4938	4730	4546	4274	4006
37.5°	7396	7062	6700	6426	6104	5814	5506	5270	4952	4586	4206
40°	8570	8092	7656	7288	6872	6568	6224	5882	5460	4930	4408
42.5°	9796	9302	8726	8248	7758	7402	6976	6496	5876	5220	4582
45°	11082	10422	9732	9148	8638	8196	7668	7032	6276	5480	4744
47.5°	12350	11592	10770	10142	9478	8938	8290	7486	6588	5726	4906
50°	13468	12738	11748	10950	10278	9612	8804	7836	6834	5938	5052
52.5°	14432	13804	12762	11754	10980	10232	9218	8118	7082	6134	5172
55°	15140	14722	13762	12512	11598	10706	9568	8390	7316	6290	5250
57.5°	15674	15442	14618	13226	12166	11166	9930	8716	7548	6424	5286
60°	15966	16030	15266	13850	12668	11550	10292	8994	7720	6502	5266
62.5°	15938	16330	15752	14234	12960	11778	10536	9124	7696	6378	5084
63°	15884	16340	15806	14260	12978	11786	10542	9106	7646	6318	5012
65°	15418	16110	15760	14142	12818	11636	10416	8846	7294	5996	4642
67.5°	14170	15036	14936	13308	12060	11016	9772	8008	6424	5204	3934
70°	12108	12922	12940	11574	10532	9508	8474	6516	5092	4034	2934
72.5°	9280	9804	9986	9086	8388	7668	6740	4730	3630	2744	1910
75°	7186	7042	7040	6660	6376	6024	5004	3192	2384	1784	1168
77.5°	6460	5820	5200	4744	4516	4398	3282	1924	1406	1026	672
80°	5328	4384	3542	3050	2854	2990	1830	1040	770	584	436
82.5°	3674	3050	2318	1920	1648	1724	936	532	356	326	270
85°	1914	1678	1416	1216	1074	944	486	254	148	130	118
87.5°	0	2	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098
2.5°	2116	2114	2118	2120	2126	2130	2132	2128	2134	2140	2136
5°	2172	2186	2188	2194	2194	2206	2206	2206	2204	2206	2202
7.5°	2220	2238	2240	2248	2250	2264	2258	2262	2262	2252	2248
10°	2226	2244	2254	2264	2278	2296	2296	2306	2306	2298	2296
12.5°	2228	2242	2252	2266	2286	2312	2326	2340	2346	2344	2338
15°	2270	2270	2272	2284	2298	2330	2350	2366	2376	2372	2362
17.5°	2380	2364	2352	2332	2336	2352	2364	2378	2380	2376	2360
20°	2508	2488	2458	2426	2410	2398	2390	2390	2384	2364	2338
22.5°	2690	2664	2622	2574	2542	2504	2458	2414	2366	2318	2262
25°	2942	2906	2862	2788	2720	2640	2546	2448	2334	2234	2152
27.5°	3196	3116	3002	2900	2774	2654	2520	2400	2254	2134	2044
30°	3406	3254	3090	2928	2762	2600	2440	2296	2136	2014	1926
32.5°	3568	3358	3130	2918	2714	2516	2332	2172	2010	1884	1790
35°	3718	3426	3136	2874	2622	2416	2208	2034	1862	1730	1628
37.5°	3830	3458	3100	2792	2502	2272	2060	1882	1706	1562	1446
40°	3902	3438	3022	2674	2360	2118	1902	1718	1548	1390	1250
42.5°	3960	3412	2944	2566	2248	1984	1762	1564	1392	1220	1066
45°	4046	3432	2910	2490	2148	1870	1626	1420	1240	1072	924
47.5°	4130	3442	2860	2396	2022	1752	1504	1304	1120	966	830
50°	4206	3436	2782	2276	1900	1634	1394	1194	1012	870	742
52.5°	4242	3402	2686	2160	1802	1530	1286	1092	912	778	660
55°	4238	3314	2560	2050	1694	1420	1180	988	826	702	600
57.5°	4178	3178	2426	1928	1552	1284	1056	870	734	630	544
60°	4052	3004	2250	1750	1374	1116	902	742	632	552	496
62.5°	3816	2754	2030	1502	1134	898	712	608	526	478	452
63°	3746	2686	1936	1442	1078	848	672	564	504	462	438
65°	3398	2352	1620	1164	838	654	540	458	422	404	402
67.5°	2752	1850	1146	798	570	472	414	380	364	360	364
70°	1932	1168	728	530	422	380	354	340	330	332	336
72.5°	1232	700	500	402	356	334	322	318	316	314	314
75°	702	466	384	348	324	306	296	292	294	296	292
77.5°	464	384	342	318	296	276	270	268	272	276	276
80°	366	342	318	294	258	244	248	250	248	250	244
82.5°	258	254	260	250	214	202	198	200	196	196	192
85°	120	120	126	126	122	124	134	146	152	146	138
87.5°	0	0	0	0	0	18	36	52	56	70	68
90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098
2.5°	2130	2134	2132	2130	2134	2130	2132	2130	2130	2128	2128
5°	2198	2204	2192	2190	2186	2176	2176	2172	2172	2164	2158
7.5°	2242	2244	2234	2232	2222	2212	2204	2196	2194	2188	2176
10°	2284	2280	2272	2262	2252	2238	2228	2218	2216	2206	2192
12.5°	2320	2318	2302	2292	2276	2262	2250	2238	2232	2220	2200
15°	2344	2332	2312	2294	2276	2260	2246	2232	2226	2212	2192
17.5°	2334	2312	2286	2264	2240	2220	2208	2194	2184	2176	2148
20°	2298	2266	2226	2200	2168	2142	2134	2120	2112	2082	2046
22.5°	2204	2158	2108	2070	2034	2008	1988	1974	1954	1936	1880
25°	2086	2034	1982	1936	1888	1848	1812	1778	1768	1730	1676
27.5°	1972	1914	1862	1808	1746	1696	1634	1586	1554	1514	1464
30°	1850	1792	1722	1650	1578	1524	1454	1396	1356	1314	1268
32.5°	1696	1626	1542	1462	1396	1332	1262	1206	1166	1128	1084
35°	1520	1428	1338	1250	1180	1126	1064	1022	994	960	914
37.5°	1318	1214	1118	1050	988	936	892	866	836	818	790
40°	1114	1012	918	856	804	774	750	744	724	700	682
42.5°	934	836	744	694	660	652	640	640	630	612	600
45°	812	710	630	594	576	574	568	568	566	558	544
47.5°	724	632	570	548	544	540	534	532	530	524	516
50°	644	566	526	516	518	512	506	500	498	492	484
52.5°	570	514	488	482	482	482	478	478	474	472	464
55°	528	486	472	470	468	466	462	462	458	456	446
57.5°	492	466	458	454	452	448	446	446	446	446	434
60°	464	452	450	446	444	436	432	430	432	434	422
62.5°	434	432	430	426	424	416	410	406	410	414	412
63°	426	424	424	422	420	410	404	400	404	408	408
65°	398	400	400	398	396	390	382	378	380	386	388
67.5°	368	370	368	370	368	364	358	354	352	354	356
70°	340	344	342	340	338	338	334	328	326	324	324
72.5°	316	316	312	312	310	310	306	300	298	298	294
75°	290	290	284	284	280	282	278	272	270	270	268
77.5°	274	268	258	256	254	254	252	246	244	244	242
80°	242	230	220	218	220	224	224	220	220	220	220
82.5°	188	184	178	174	174	180	188	192	196	200	200
85°	138	140	138	132	130	136	144	152	154	162	160
87.5°	74	76	70	68	74	78	86	88	92	94	96
90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098
2.5°	2126	2124	2126	2122	2122	2118	2114	2112	2108	2106	2102
5°	2162	2156	2150	2148	2140	2132	2126	2116	2108	2094	2090
7.5°	2186	2172	2164	2162	2150	2144	2130	2118	2106	2088	2082
10°	2196	2182	2168	2162	2148	2138	2124	2106	2096	2078	2074
12.5°	2208	2182	2160	2144	2124	2102	2088	2078	2064	2054	2050
15°	2186	2152	2118	2088	2056	2032	2018	2002	1986	1980	1980
17.5°	2126	2082	2024	1986	1952	1926	1908	1892	1890	1882	1886
20°	2002	1944	1888	1860	1840	1824	1806	1798	1792	1780	1776
22.5°	1830	1782	1742	1722	1706	1686	1670	1646	1640	1628	1622
25°	1640	1602	1568	1554	1544	1516	1506	1474	1452	1438	1446
27.5°	1450	1422	1390	1372	1366	1340	1330	1294	1276	1276	1256
30°	1254	1228	1208	1188	1184	1152	1126	1112	1092	1084	1070
32.5°	1070	1044	1028	1018	1002	976	950	926	894	882	876
35°	900	880	860	852	830	802	770	750	712	698	692
37.5°	770	746	732	710	688	658	634	616	602	596	596
40°	666	648	632	614	596	580	568	564	562	562	566
42.5°	588	572	564	554	548	548	546	548	550	552	558
45°	536	526	522	520	524	528	530	534	542	546	548
47.5°	508	500	498	500	506	514	522	528	534	536	538
50°	480	470	466	470	478	490	496	506	510	514	510
52.5°	456	448	446	446	454	462	470	478	480	480	478
55°	436	430	424	428	434	442	454	460	464	466	466
57.5°	420	414	408	412	418	426	438	444	448	454	456
60°	408	400	394	400	406	418	428	434	444	446	446
62.5°	396	388	378	384	384	390	400	408	418	422	422
63°	394	386	376	380	380	384	392	400	412	416	414
65°	378	376	366	366	362	366	372	380	386	392	392
67.5°	352	350	348	348	348	352	356	362	368	372	370
70°	322	322	322	324	324	328	330	328	334	338	336
72.5°	296	294	292	296	294	294	298	296	302	302	304
75°	268	266	266	268	264	260	262	262	264	264	268
77.5°	244	244	244	242	238	236	234	234	234	234	236
80°	222	222	222	220	216	212	208	206	204	194	194
82.5°	200	200	200	200	198	194	188	172	164	156	158
85°	158	162	166	172	170	170	158	138	126	118	120
87.5°	102	90	90	88	84	80	80	68	56	50	52
90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098	2098	0°
2.5°	2102	2098	2094	2094	2088	2088	2084	2092	2084	2078	2078	2.5°
5°	2086	2082	2070	2068	2060	2060	2060	2056	2056	2052	2050	5°
7.5°	2076	2066	2056	2050	2050	2046	2054	2050	2052	2052	2054	7.5°
10°	2068	2060	2056	2054	2054	2060	2066	2068	2066	2068	2068	10°
12.5°	2048	2052	2054	2062	2072	2084	2098	2100	2104	2104	2108	12.5°
15°	1984	1994	2006	2026	2052	2078	2104	2126	2146	2156	2164	15°
17.5°	1894	1904	1926	1948	1982	2020	2064	2102	2144	2182	2220	17.5°
20°	1772	1788	1794	1834	1874	1926	1978	2038	2110	2182	2256	20°
22.5°	1614	1632	1660	1692	1734	1798	1860	1954	2050	2152	2268	22.5°
25°	1438	1458	1482	1516	1558	1626	1716	1816	1934	2068	2212	25°
27.5°	1256	1276	1296	1320	1368	1440	1546	1650	1780	1926	2094	27.5°
30°	1074	1076	1088	1118	1168	1262	1340	1470	1606	1760	1954	30°
32.5°	874	872	886	912	960	1050	1146	1272	1406	1600	1800	32.5°
35°	696	696	722	748	802	866	950	1062	1220	1400	1600	35°
37.5°	602	616	632	658	700	750	824	922	1046	1218	1402	37.5°
40°	572	580	594	618	654	700	754	828	924	1062	1230	40°
42.5°	560	562	570	588	620	666	722	788	860	958	1104	42.5°
45°	548	546	550	564	590	642	706	778	850	932	1052	45°
47.5°	538	538	538	544	568	620	694	778	864	956	1074	47.5°
50°	510	508	508	512	530	586	674	776	888	1008	1142	50°
52.5°	478	478	480	482	498	554	652	776	916	1076	1244	52.5°
55°	468	470	472	470	482	530	628	764	928	1130	1354	55°
57.5°	460	464	464	462	470	510	604	740	918	1150	1432	57.5°
60°	448	448	448	442	446	482	568	702	886	1132	1444	60°
62.5°	422	422	418	416	414	442	520	646	828	1084	1414	62.5°
63°	416	414	414	408	408	434	510	638	812	1072	1402	63°
65°	394	394	394	390	388	408	470	582	750	1016	1342	65°
67.5°	370	372	368	366	364	376	424	512	654	898	1230	67.5°
70°	336	338	338	336	334	342	372	440	542	748	1048	70°
72.5°	306	310	310	314	314	320	332	366	434	584	824	72.5°
75°	274	276	280	284	280	278	280	306	340	432	588	75°
77.5°	246	252	252	250	244	240	240	252	280	328	420	77.5°
80°	204	214	216	210	204	204	208	216	234	270	318	80°
82.5°	164	174	176	178	176	182	182	184	194	222	260	82.5°
85°	126	134	140	142	144	146	144	134	140	158	176	85°
87.5°	56	58	54	56	54	56	58	48	46	62	64	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0	90°

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
2098	2098	2098	2098	2098	2098	2098
2076	2076	2078	2074	2074	2076	2070
2044	2052	2052	2052	2048	2052	2054
2052	2058	2062	2062	2060	2068	2074
2062	2072	2076	2076	2076	2086	2100
2100	2108	2114	2114	2118	2130	2146
2170	2180	2180	2178	2190	2204	2222
2248	2276	2290	2288	2298	2316	2336
2322	2400	2434	2458	2468	2492	2498
2384	2514	2608	2688	2726	2750	2778
2362	2538	2706	2870	2986	3104	3154
2272	2492	2712	2952	3162	3372	3524
2162	2426	2722	3062	3394	3716	3972
2036	2364	2744	3164	3600	4022	4392
1878	2246	2690	3174	3688	4200	4680
1678	2086	2564	3102	3692	4278	4852
1478	1884	2404	2998	3640	4296	4960
1338	1704	2242	2866	3556	4268	5012
1242	1574	2098	2746	3466	4218	5020
1234	1518	2004	2658	3394	4174	5020
1302	1548	1972	2614	3364	4160	5024
1430	1668	2030	2648	3388	4178	5042
1584	1850	2186	2766	3490	4238	5082
1724	2060	2452	2994	3676	4390	5194
1806	2240	2734	3314	3994	4692	5418
1816	2340	2984	3662	4380	5038	5776
1808	2348	3016	3728	4462	5124	5900
1764	2350	3106	3960	4746	5486	6246
1652	2286	3138	4142	5104	5962	6892
1458	2104	3044	4146	5242	6228	7300
1172	1758	2638	3772	4878	5966	7194
858	1292	1994	2922	3980	4966	6162
570	836	1344	2082	2854	3574	4436
392	518	786	1252	1746	2096	2826
288	342	436	640	840	1034	1476
180	196	218	316	452	610	920
48	50	46	62	98	94	104
0	0	0	0	0	0	0

(END OF REPORT)