

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: STREETWORKS

Report Number: P159160

Luminaire Tested: **VST-E10-LED-E-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P159160
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33715)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VST-E10-LED-E-U-SLR
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(10) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (210) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26872.8 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 1.67' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B3 - U0 - G5

Input Watts (W): 247.7
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: 28.75 FT



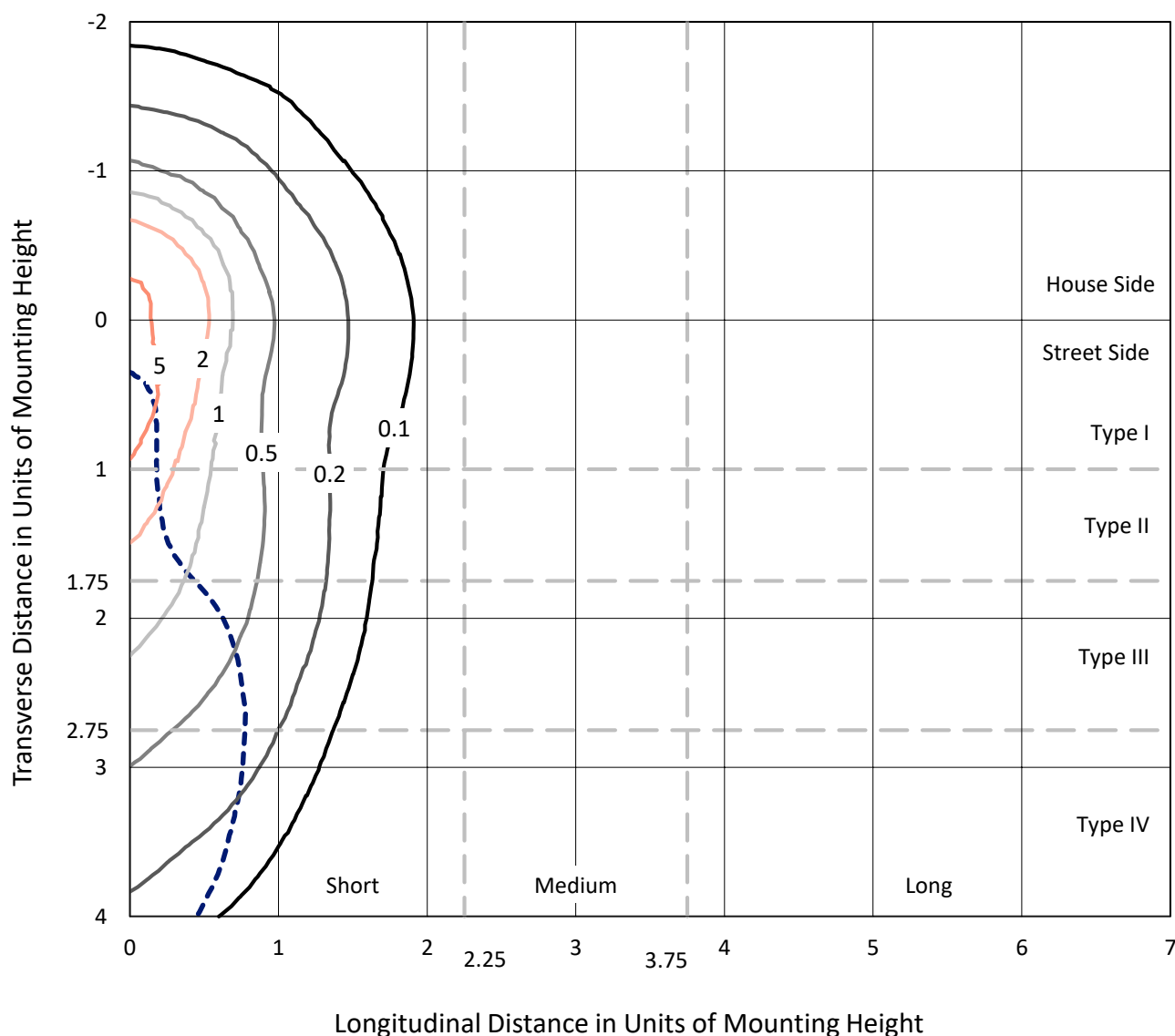
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



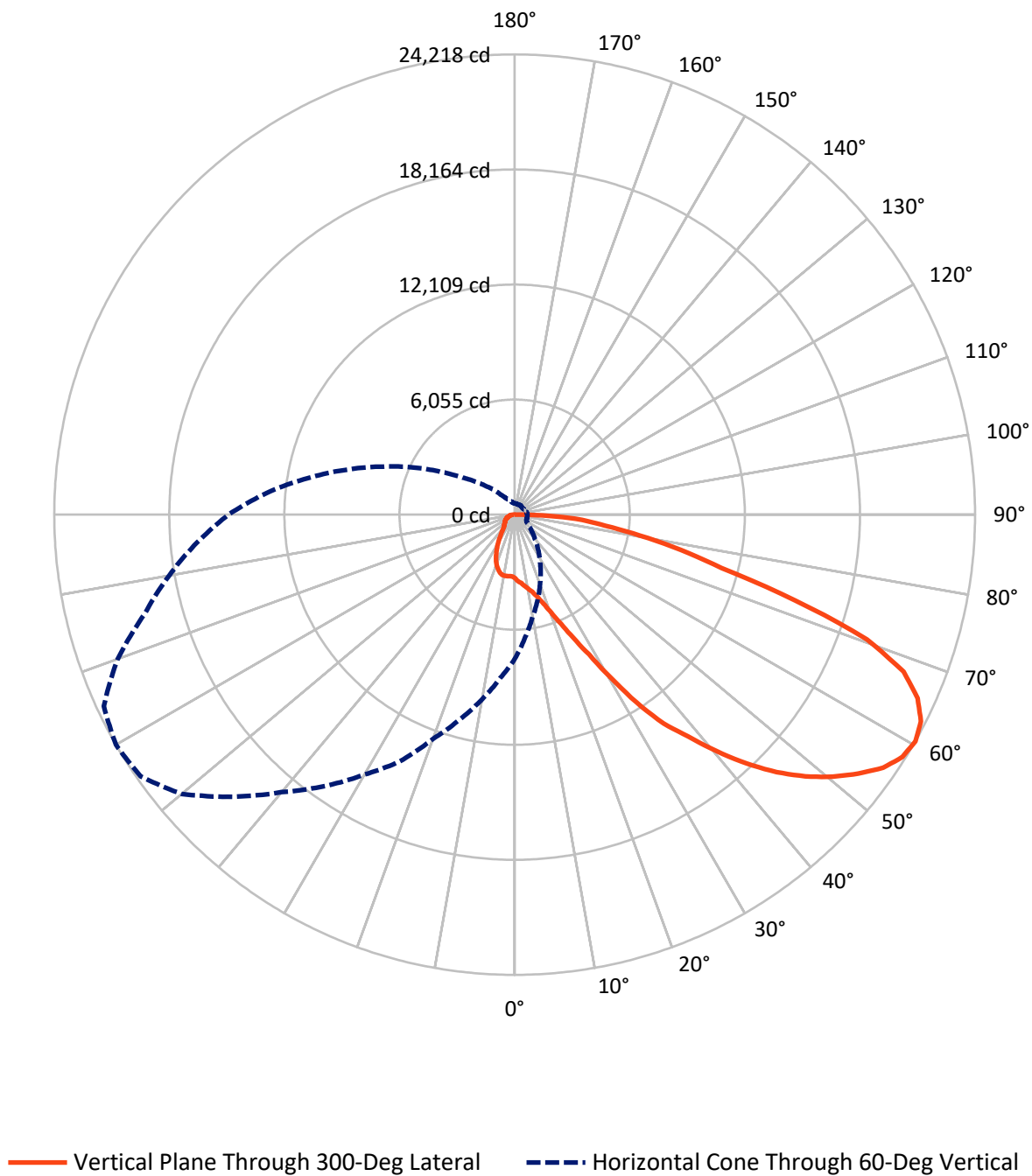
Based on 25 foot mounting height. Maximum calculated value = 8.1 fc

Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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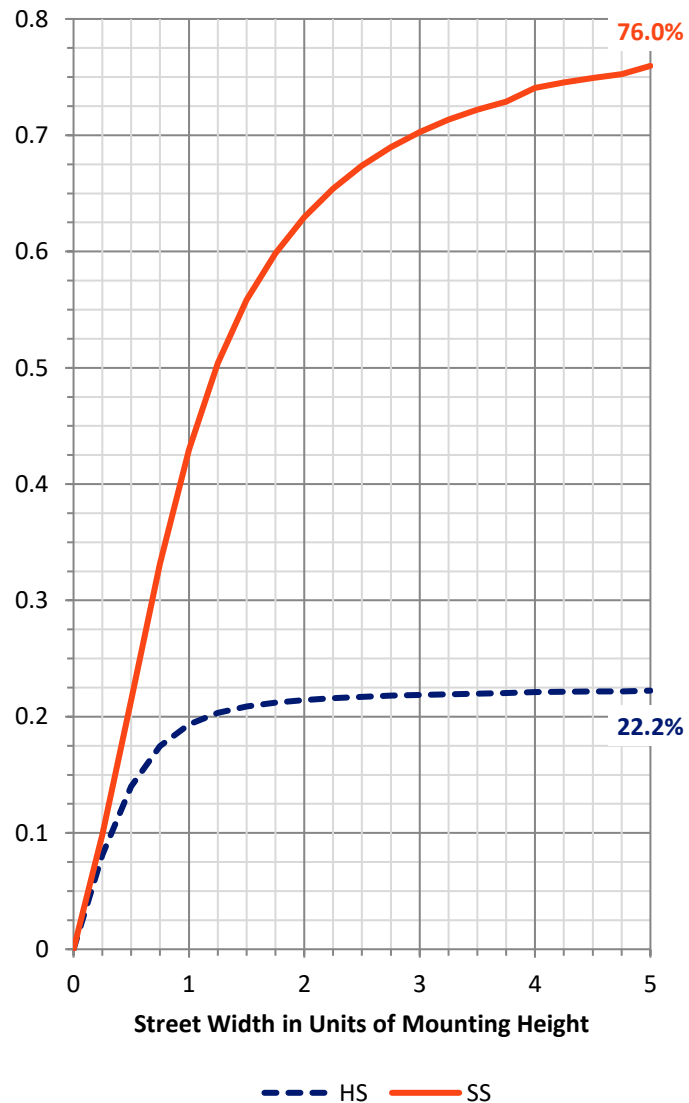
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6050.9	0.0	6050.9
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	20821.9	0.0	20821.9
	% Fixture	77.5	0.0	77.5
Total	Lumens	26872.8	0.0	26872.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.7	1.2
10°-20°	1064.6	4.0
20°-30°	2020.1	7.5
30°-40°	3181.3	11.8
40°-50°	4440.4	16.5
50°-60°	5491.7	20.4
60°-70°	5692.4	21.2
70°-80°	3581.9	13.3
80°-90°	1070.7	4.0
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°	26872.8	100.0
0°-180°	26872.8	100.0

Coefficient of Utilization



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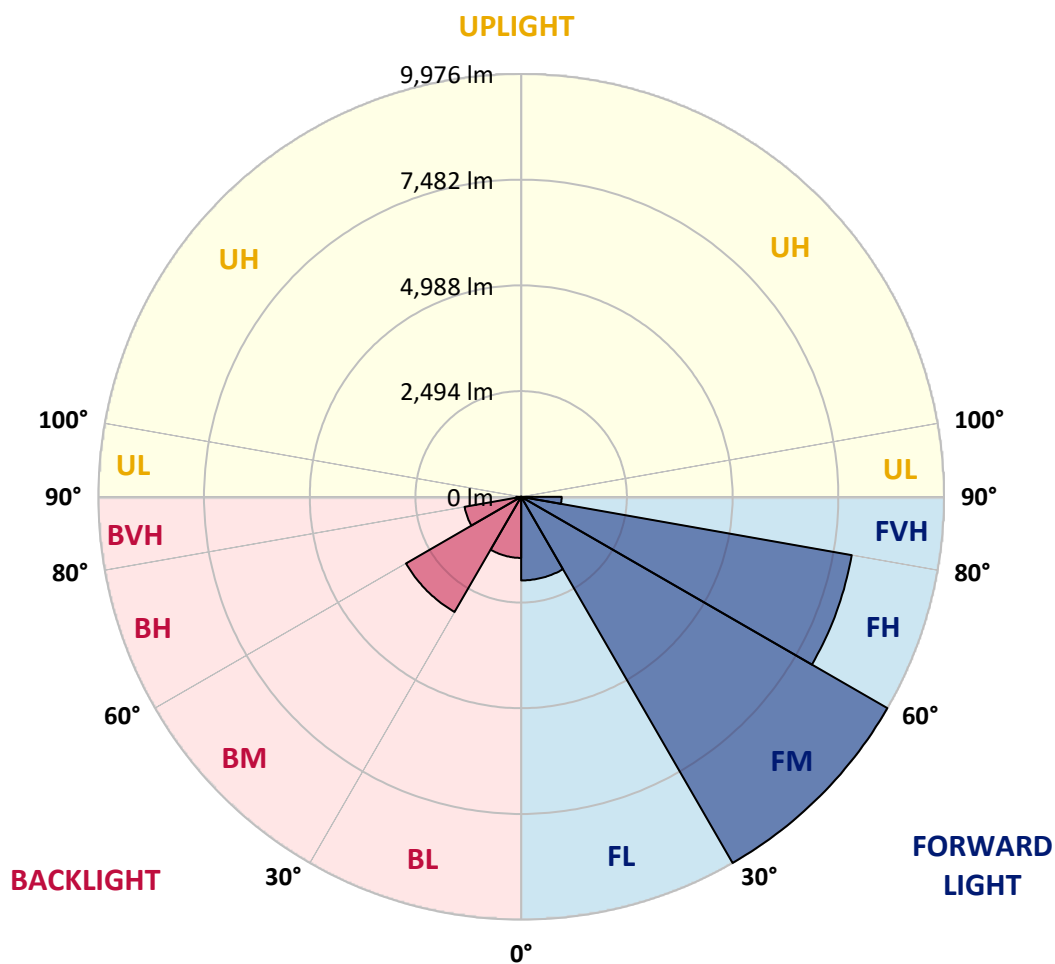
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1972.9	7.3			
FM	(30°-60°)	9975.6	37.1			
FH	(60°-80°)	7919.2	29.5			G4/12000
FVH	(80°-90°)	954.2	3.6			G5
BL	(0°-30°)	1441.5	5.4	B3/2500		
BM	(30°-60°)	3137.8	11.7	B3/5000		
BH	(60°-80°)	1355.1	5.0	B3/2500		G3/2500
BVH	(80°-90°)	116.5	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342
2.5°	3540	3328	3332	3326	3326	3322	3326	3322	3318	3318	3320
5°	3586	3352	3352	3346	3342	3338	3342	3338	3336	3332	3334
7.5°	3630	3366	3358	3350	3340	3344	3344	3342	3344	3342	3346
10°	3702	3412	3392	3374	3372	3368	3368	3362	3362	3358	3360
12.5°	3886	3554	3532	3500	3494	3476	3466	3454	3434	3416	3402
15°	4196	3790	3748	3720	3708	3672	3616	3572	3514	3464	3412
17.5°	4576	4106	4056	4020	3960	3862	3768	3660	3548	3446	3352
20°	5108	4560	4462	4376	4226	4058	3882	3694	3522	3362	3224
22.5°	5828	5146	4964	4734	4456	4172	3892	3632	3402	3194	3010
25°	6656	5706	5378	4982	4556	4164	3796	3462	3194	2926	2726
27.5°	7266	6174	5690	5170	4626	4126	3674	3270	2946	2672	2430
30°	7614	6442	5860	5250	4638	4062	3520	3052	2678	2352	2120
32.5°	7838	6586	5878	5170	4494	3872	3286	2800	2394	2046	1800
35°	8026	6644	5794	4992	4222	3584	2986	2500	2070	1750	1498
37.5°	8102	6634	5660	4754	3956	3270	2680	2182	1798	1516	1300
40°	8088	6542	5478	4500	3644	2942	2356	1918	1606	1368	1210
42.5°	7994	6420	5276	4242	3358	2670	2136	1748	1496	1316	1178
45°	7876	6274	5092	4006	3132	2476	2008	1700	1482	1310	1162
47.5°	7716	6112	4906	3838	3012	2418	2006	1728	1494	1296	1134
50°	7542	5994	4804	3766	2998	2454	2076	1772	1502	1282	1096
52.5°	7420	5942	4802	3792	3072	2554	2158	1828	1532	1290	1088
55°	7270	5934	4854	3904	3234	2724	2288	1924	1594	1320	1094
57.5°	7280	6092	5056	4180	3526	2954	2454	2042	1654	1338	1084
60°	7596	6460	5454	4652	3908	3224	2624	2106	1650	1298	1036
62.5°	8248	7012	6050	5206	4296	3432	2686	2088	1590	1212	958
65°	9026	7658	6630	5636	4532	3480	2632	1988	1470	1100	864
67.5°	9804	8116	6964	5758	4436	3286	2432	1764	1266	948	758
70°	10084	8210	6938	5484	4000	2804	2002	1420	1016	776	638
72.5°	9664	7622	6168	4660	3252	2174	1468	1048	776	608	520
75°	8106	6138	4876	3510	2348	1538	1060	764	584	482	416
77.5°	5778	4274	3322	2306	1524	1066	760	574	464	386	338
80°	3630	2624	2024	1384	950	724	546	454	374	314	282
82.5°	2186	1528	1192	860	624	496	402	356	298	260	242
85°	1484	1124	782	508	376	292	274	246	222	186	180
87.5°	284	402	350	208	138	118	104	100	90	72	82
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°	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342
2.5°	3308	3304	3296	3296	3290	3278	3276	3268	3258	3260	3258
5°	3320	3312	3302	3298	3290	3278	3272	3262	3252	3252	3252
7.5°	3334	3324	3316	3302	3286	3274	3258	3246	3240	3238	3240
10°	3346	3340	3328	3308	3286	3262	3246	3230	3214	3216	3218
12.5°	3372	3352	3320	3290	3256	3226	3198	3178	3158	3158	3160
15°	3354	3296	3252	3194	3156	3108	3076	3058	3046	3042	3044
17.5°	3248	3178	3112	3060	3008	2970	2956	2944	2928	2936	2928
20°	3088	3002	2908	2846	2784	2758	2734	2722	2712	2748	2748
22.5°	2858	2754	2658	2582	2512	2484	2460	2446	2452	2496	2500
25°	2568	2442	2316	2270	2200	2178	2164	2162	2168	2212	2222
27.5°	2260	2128	2020	1914	1882	1864	1838	1868	1874	1922	1942
30°	1932	1790	1676	1606	1538	1548	1526	1562	1578	1628	1644
32.5°	1596	1462	1348	1278	1230	1236	1220	1252	1268	1328	1358
35°	1320	1206	1114	1054	1032	1010	1006	1010	1026	1072	1126
37.5°	1162	1068	1002	958	928	914	906	906	906	916	942
40°	1094	1010	952	910	890	882	876	870	860	856	858
42.5°	1064	968	906	874	862	862	862	858	848	838	828
45°	1034	930	868	846	840	842	842	842	834	822	804
47.5°	996	888	826	812	812	818	820	820	812	800	786
50°	950	834	778	766	760	760	760	760	754	746	736
52.5°	926	804	746	734	734	728	726	720	714	708	694
55°	918	792	732	722	722	716	710	704	694	684	670
57.5°	896	766	714	706	706	702	696	690	680	666	648
60°	846	722	678	676	676	674	670	670	660	646	624
62.5°	782	676	634	634	632	630	622	620	608	590	570
65°	720	636	608	600	596	590	586	576	566	550	530
67.5°	642	576	558	550	542	536	530	524	512	500	484
70°	558	510	500	498	488	482	480	474	462	450	430
72.5°	478	450	442	442	430	422	418	416	408	398	380
75°	386	366	364	374	374	368	364	368	356	350	332
77.5°	316	306	300	304	316	310	302	302	302	292	286
80°	268	260	254	258	256	254	250	242	242	242	240
82.5°	242	240	218	218	210	204	200	196	192	192	202
85°	182	188	176	174	164	156	148	144	140	146	166
87.5°	88	88	84	94	86	82	76	72	76	94	112
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°	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342
2.5°	3254	3252	3250	3246	3238	3236	3232	3232	3230	3226	3230
5°	3248	3252	3252	3250	3244	3248	3248	3254	3254	3258	3268
7.5°	3240	3250	3258	3264	3272	3278	3290	3308	3316	3330	3336
10°	3224	3242	3256	3274	3294	3316	3334	3362	3372	3392	3402
12.5°	3178	3208	3232	3268	3302	3336	3368	3404	3422	3444	3458
15°	3066	3100	3134	3166	3226	3292	3344	3392	3418	3446	3460
17.5°	2932	2954	2982	3024	3082	3140	3224	3292	3332	3364	3368
20°	2776	2808	2828	2844	2890	2930	3020	3098	3150	3188	3198
22.5°	2538	2572	2606	2618	2654	2706	2756	2840	2914	2970	3004
25°	2266	2298	2344	2380	2388	2430	2480	2576	2652	2742	2782
27.5°	1994	2022	2072	2092	2116	2158	2198	2278	2358	2462	2506
30°	1676	1736	1794	1832	1852	1902	1930	2008	2082	2158	2222
32.5°	1404	1458	1524	1572	1596	1634	1678	1744	1802	1876	1950
35°	1154	1228	1272	1314	1376	1394	1438	1498	1532	1612	1696
37.5°	978	1022	1066	1108	1160	1184	1226	1276	1316	1364	1440
40°	870	894	926	954	992	1022	1044	1086	1116	1164	1218
42.5°	820	826	830	850	870	890	914	932	968	1004	1038
45°	792	780	774	776	784	796	816	836	860	882	902
47.5°	768	752	734	724	726	730	746	762	774	792	800
50°	712	698	682	668	670	672	686	698	706	712	722
52.5°	676	656	642	628	626	632	644	656	660	664	666
55°	650	630	612	598	592	606	610	626	632	632	634
57.5°	630	606	588	574	564	574	584	602	604	600	600
60°	600	582	564	550	540	548	556	576	576	566	564
62.5°	548	538	526	520	518	526	532	548	542	530	526
65°	510	502	490	486	484	496	498	508	500	494	492
67.5°	464	458	452	450	444	444	448	454	450	450	452
70°	412	404	398	400	396	396	398	402	400	404	408
72.5°	364	354	352	352	348	350	350	352	356	358	368
75°	318	308	308	306	306	306	308	312	316	318	322
77.5°	276	270	272	270	270	270	270	276	278	280	286
80°	238	238	240	240	238	236	238	242	244	246	248
82.5°	216	218	218	218	208	204	210	214	218	220	224
85°	186	178	186	184	170	168	168	170	174	170	170
87.5°	120	108	114	114	100	82	104	112	100	106	106
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°	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342
2.5°	3236	3232	3234	3234	3238	3232	3240	3248	3250	3250	3252
5°	3278	3274	3288	3282	3296	3294	3304	3312	3316	3316	3316
7.5°	3344	3358	3366	3388	3390	3402	3412	3422	3418	3420	3418
10°	3418	3436	3456	3478	3480	3494	3510	3520	3516	3514	3508
12.5°	3482	3494	3518	3540	3552	3574	3590	3598	3598	3592	3586
15°	3478	3496	3522	3554	3576	3608	3636	3654	3656	3650	3648
17.5°	3390	3416	3440	3484	3524	3568	3614	3640	3664	3678	3686
20°	3232	3264	3298	3356	3410	3468	3522	3560	3596	3638	3688
22.5°	3046	3094	3142	3216	3282	3348	3410	3456	3512	3584	3678
25°	2828	2878	2938	3024	3108	3204	3296	3388	3496	3620	3766
27.5°	2570	2626	2704	2808	2904	3002	3146	3292	3468	3628	3794
30°	2314	2386	2470	2574	2670	2810	2954	3134	3320	3500	3698
32.5°	2038	2128	2232	2318	2426	2568	2712	2904	3102	3314	3532
35°	1772	1858	1940	2036	2144	2278	2418	2602	2852	3078	3338
37.5°	1502	1582	1640	1716	1810	1958	2108	2320	2556	2834	3094
40°	1266	1332	1398	1458	1538	1678	1838	2046	2278	2548	2838
42.5°	1078	1128	1200	1272	1340	1460	1610	1814	2044	2320	2610
45°	920	954	1012	1072	1156	1256	1400	1608	1842	2120	2426
47.5°	806	822	862	924	1002	1100	1224	1412	1640	1920	2242
50°	728	746	766	818	888	988	1090	1254	1462	1736	2056
52.5°	674	682	690	722	786	870	978	1102	1312	1574	1862
55°	642	644	650	666	714	792	886	1004	1168	1416	1710
57.5°	604	608	614	624	654	724	804	900	1036	1244	1526
60°	568	578	588	594	610	652	720	796	906	1062	1286
62.5°	530	542	550	556	562	588	638	688	756	858	1026
65°	496	504	510	514	518	526	548	568	588	650	772
67.5°	458	462	464	466	464	464	466	474	482	506	564
70°	414	420	420	422	422	416	416	416	416	422	454
72.5°	372	380	380	382	380	378	378	378	384	388	400
75°	332	340	338	340	342	342	346	348	354	356	364
77.5°	292	298	300	298	302	306	314	318	320	322	324
80°	254	258	256	250	260	266	278	292	288	290	294
82.5°	210	204	200	204	210	218	230	248	250	260	258
85°	162	144	142	152	150	160	180	194	206	216	206
87.5°	96	86	72	68	74	98	102	124	134	138	124
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°	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342
2.5°	3434	3444	3444	3448	3454	3456	3464	3478	3480	3480	3486
5°	3498	3508	3508	3516	3518	3528	3538	3554	3562	3560	3586
7.5°	3602	3594	3588	3600	3606	3618	3638	3652	3666	3688	3724
10°	3690	3678	3672	3680	3684	3698	3710	3730	3764	3798	3842
12.5°	3762	3748	3732	3736	3742	3760	3780	3806	3856	3900	3966
15°	3822	3802	3786	3794	3808	3832	3866	3912	3994	4070	4158
17.5°	3880	3876	3870	3896	3906	3962	4012	4096	4208	4322	4448
20°	3936	3980	4002	4054	4086	4162	4238	4340	4482	4638	4810
22.5°	4014	4134	4208	4314	4368	4450	4562	4696	4854	5054	5274
25°	4200	4376	4524	4690	4826	4952	5086	5248	5476	5658	5946
27.5°	4282	4530	4752	4986	5190	5384	5596	5792	6062	6308	6656
30°	4204	4484	4772	5078	5376	5670	5978	6278	6590	6934	7304
32.5°	4060	4374	4698	5058	5428	5810	6210	6646	7086	7514	7892
35°	3914	4252	4612	5024	5460	5934	6430	6982	7564	8106	8600
37.5°	3702	4074	4486	4962	5480	6064	6702	7382	8118	8864	9512
40°	3446	3840	4290	4838	5460	6198	7028	7900	8846	9756	10552
42.5°	3212	3596	4076	4672	5408	6316	7338	8424	9544	10562	11602
45°	3006	3430	3912	4556	5382	6416	7568	8816	10098	11310	12538
47.5°	2818	3258	3798	4492	5370	6476	7728	9072	10492	11884	13310
50°	2624	3052	3630	4422	5340	6474	7812	9246	10768	12330	13842
52.5°	2416	2846	3426	4294	5276	6438	7834	9364	10986	12604	14294
55°	2226	2628	3208	4080	5142	6350	7784	9414	11140	12876	14612
57.5°	2008	2426	2978	3786	4890	6194	7642	9344	11184	13058	14864
60°	1708	2118	2686	3438	4496	5864	7378	9132	11044	13090	15044
62.5°	1364	1718	2266	2958	3942	5346	6890	8656	10608	12790	14952
65°	1014	1250	1722	2330	3300	4566	6104	7858	9756	11956	14374
67.5°	706	876	1166	1618	2400	3526	4982	6612	8438	10412	13174
70°	534	612	770	1022	1554	2402	3622	5074	6768	8670	11272
72.5°	456	496	584	700	952	1460	2274	3492	4994	6542	8648
75°	410	444	500	574	674	886	1334	2210	3308	4382	6034
77.5°	372	402	452	490	544	638	850	1322	1982	2708	3744
80°	332	350	396	434	476	530	610	830	1138	1604	2208
82.5°	284	298	332	384	416	438	462	550	682	870	1226
85°	220	230	260	298	312	314	318	342	424	652	1056
87.5°	112	124	156	168	142	154	156	166	220	358	364
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°	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	0°
2.5°	3486	3492	3506	3504	3514	3514	3514	3524	3518	3524	3534	2.5°
5°	3586	3596	3616	3616	3618	3612	3624	3632	3622	3618	3620	5°
7.5°	3732	3748	3764	3780	3792	3786	3788	3770	3766	3752	3734	7.5°
10°	3874	3918	3948	3976	3978	3972	3974	3944	3938	3910	3892	10°
12.5°	4020	4076	4124	4154	4172	4176	4178	4178	4150	4126	4084	12.5°
15°	4236	4334	4408	4440	4466	4490	4496	4504	4482	4450	4444	15°
17.5°	4578	4670	4768	4854	4912	4916	4966	4962	5008	4972	4962	17.5°
20°	4984	5184	5286	5400	5466	5498	5614	5578	5612	5670	5612	20°
22.5°	5492	5746	5894	6050	6158	6236	6320	6386	6478	6522	6482	22.5°
25°	6166	6456	6632	6848	7020	7160	7306	7482	7480	7586	7660	25°
27.5°	6940	7310	7566	7946	8094	8330	8580	8852	8900	9038	9108	27.5°
30°	7668	8126	8634	9086	9598	9948	10238	10430	10720	10648	10608	30°
32.5°	8340	8950	9674	10416	11228	11782	12294	12532	12712	12330	11824	32.5°
35°	9212	9942	10770	11686	12718	13504	14032	14106	14004	13514	12676	35°
37.5°	10292	11058	12000	12968	14064	14802	15404	15512	15242	14368	13488	37.5°
40°	11358	12256	13278	14424	15560	16372	16976	17008	16568	15546	14516	40°
42.5°	12524	13506	14644	15914	17088	17910	18346	18484	17862	16552	15564	42.5°
45°	13530	14704	15972	17322	18550	19330	19774	19730	18978	17684	16526	45°
47.5°	14510	15802	17138	18572	19792	20580	21036	20996	20042	18552	17278	47.5°
50°	15382	16784	18212	19744	20960	21682	22240	22064	20858	19250	17762	50°
52.5°	15988	17552	19044	20700	21952	22636	23346	22780	21340	19678	18022	52.5°
55°	16372	18080	19636	21468	22698	23516	23974	23170	21526	19796	18112	55°
57.5°	16632	18370	19984	21912	23370	24056	24168	23184	21406	19610	18022	57.5°
60°	16760	18456	20142	22224	23842	24218	24014	22860	20992	19064	17442	60°
62.5°	16746	18348	20060	22328	23936	23984	23520	22308	20230	17918	16478	62.5°
65°	16390	17954	19598	21942	23498	23292	22708	21272	18748	16422	15694	65°
67.5°	15364	16864	18390	20678	22264	22064	21180	19236	17026	15098	14706	67.5°
70°	13648	14920	16260	18270	19934	19664	18118	16936	15320	13568	13432	70°
72.5°	11410	12374	13346	14842	15988	15436	14464	14402	13096	11758	11786	72.5°
75°	8924	9648	10102	10982	11744	11250	11308	11652	11222	10168	9826	75°
77.5°	6466	7160	7304	7826	8362	8924	9668	10478	10614	10022	8782	77.5°
80°	4232	4996	4712	4898	5652	6678	8036	9370	9828	9296	7770	80°
82.5°	2496	3566	3114	3432	3910	4804	5742	6748	7514	6948	6490	82.5°
85°	1896	2812	2978	3364	3520	3558	3722	4050	4446	4594	4582	85°
87.5°	988	2186	2454	2270	2118	1836	1432	1542	1410	1928	1826	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°
3342	3342	3342	3342	3342	3342	3342
3536	3530	3534	3536	3536	3536	3540
3618	3602	3596	3596	3594	3588	3586
3706	3678	3668	3656	3646	3640	3630
3864	3840	3790	3762	3736	3718	3702
4076	4042	3994	3958	3918	3906	3886
4404	4374	4332	4292	4268	4226	4196
4916	4856	4814	4762	4704	4618	4576
5590	5470	5386	5340	5224	5210	5108
6364	6328	6200	6144	6032	5988	5828
7522	7494	7232	7204	7032	6904	6656
9044	8814	8518	8312	8018	7688	7266
10374	9904	9452	8972	8566	8092	7614
11222	10592	10010	9518	9016	8452	7838
11966	11330	10696	10114	9506	8784	8026
12856	12224	11510	10692	9912	9028	8102
13768	13028	12136	11134	10154	9148	8088
14702	13756	12570	11428	10308	9166	7994
15460	14264	12892	11578	10340	9104	7876
15996	14590	13036	11630	10300	9006	7716
16302	14768	13072	11592	10218	8866	7542
16414	14822	13036	11514	10144	8716	7420
16402	14792	12904	11332	9946	8516	7270
16176	14514	12634	11114	9778	8424	7280
15792	14338	12554	11158	9866	8622	7596
15618	14690	13004	11598	10318	9188	8248
15520	15262	13648	12072	10854	9874	9026
15120	15426	14014	12342	11332	10562	9804
14474	15044	13736	12290	11596	11090	10084
13126	13728	12498	11524	11266	11098	9664
10634	10946	10246	10026	10122	10124	8106
7842	7654	7338	7354	8000	7900	5778
6402	5240	4792	4962	5760	5330	3630
5958	4674	3858	3898	4350	3434	2186
4818	4260	3416	3066	2976	2288	1484
2016	1854	1380	1244	1020	624	284
0	0	0	0	0	0	0

(END OF REPORT)