

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: P158940

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158940
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-SLL
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(10) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
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

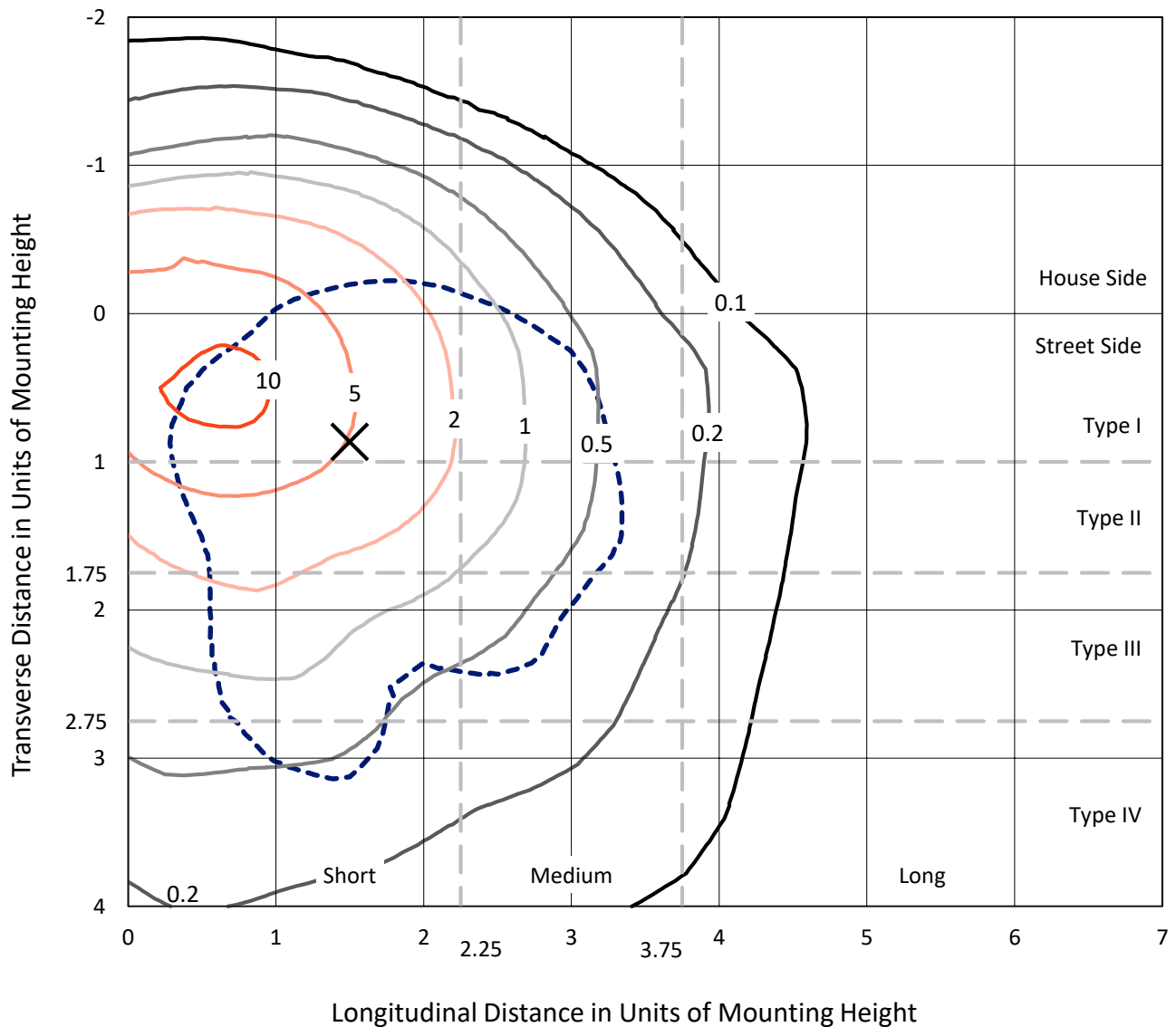
Input Watts (W): 247.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

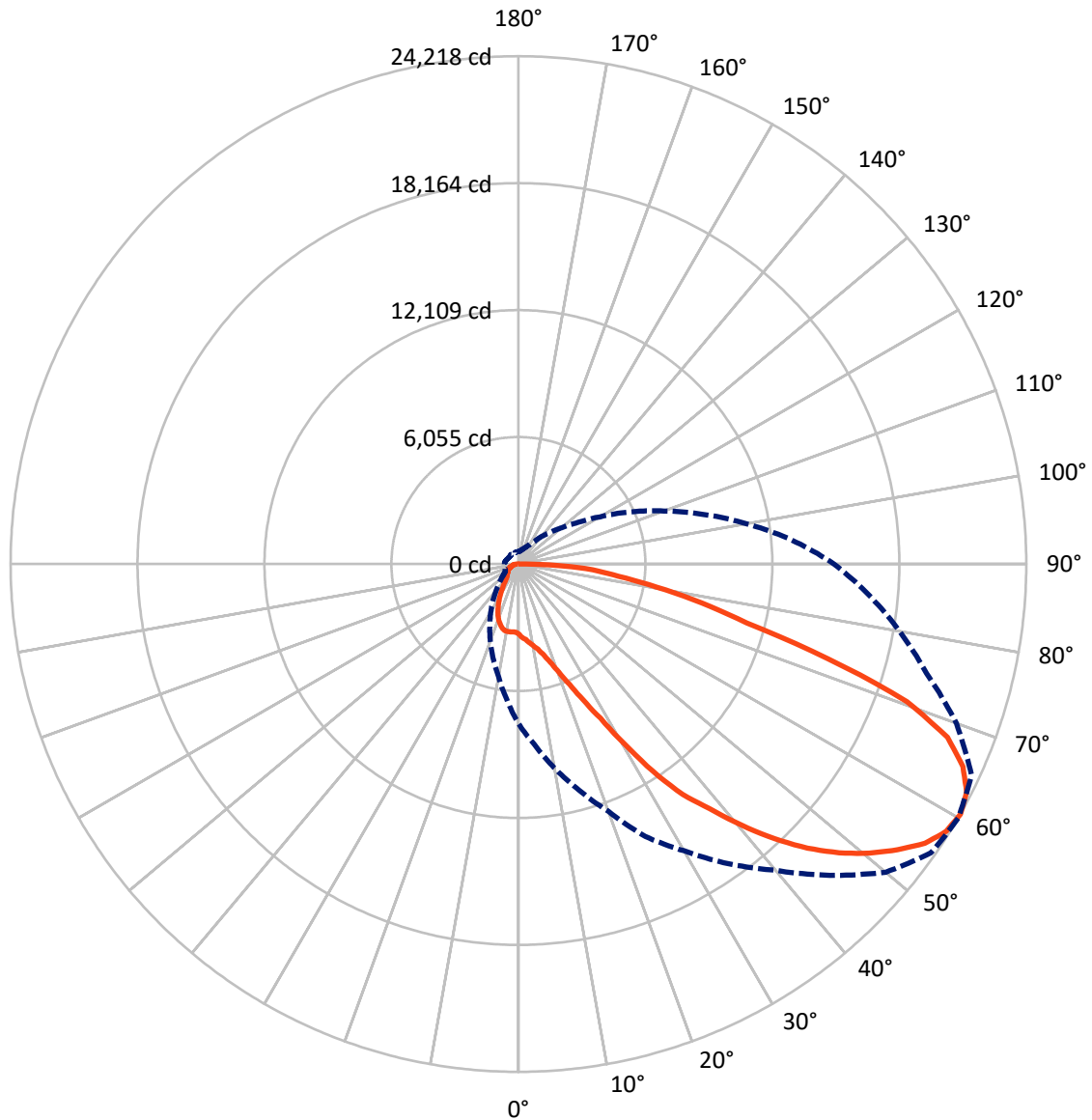
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.3 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical



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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

Coefficient of Utilization

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



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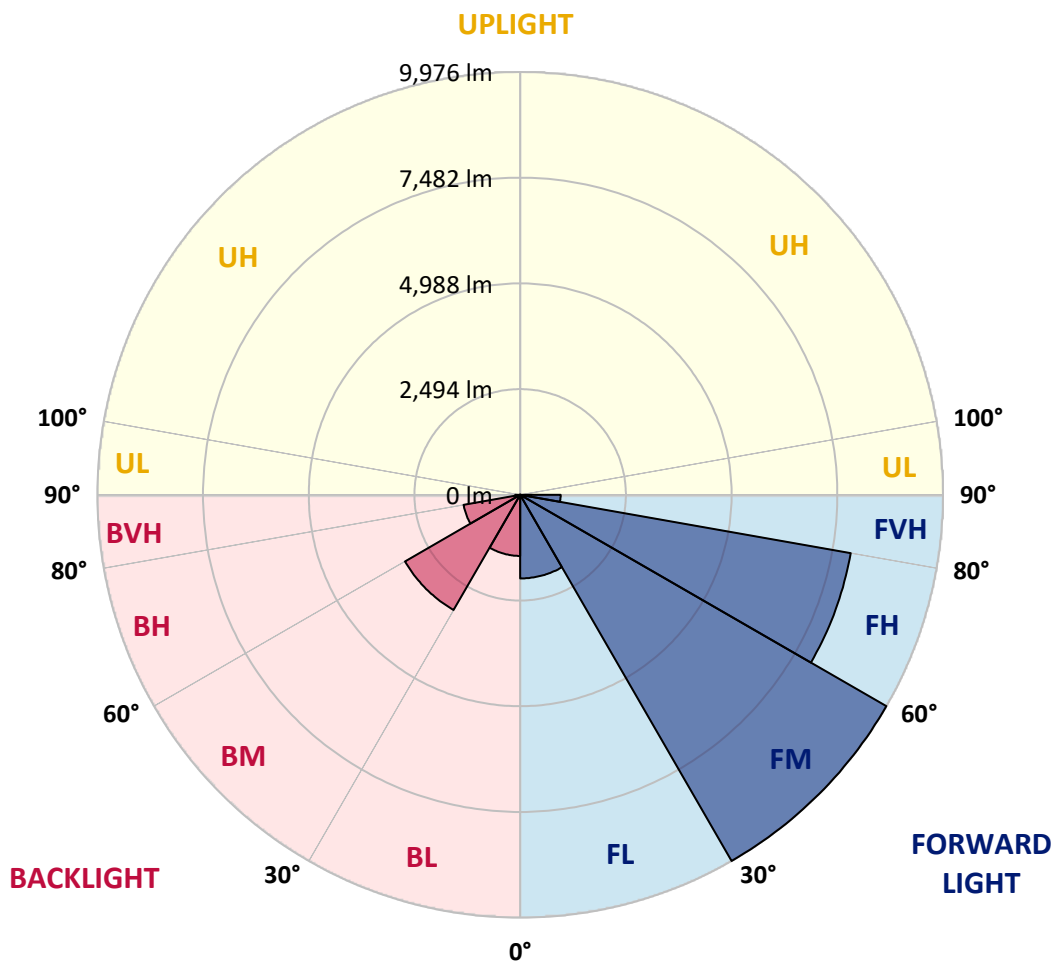
CATALOG NUMBER: VST-E10-LED-E-U-SLL

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

(END OF REPORT)