

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: P141631

Luminaire Tested: **CEM-E02-LED-E-U-SLR-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P141631
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33693)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CEM-E02-LED-E-U-SLR-7050
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5367.6 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 52.1
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

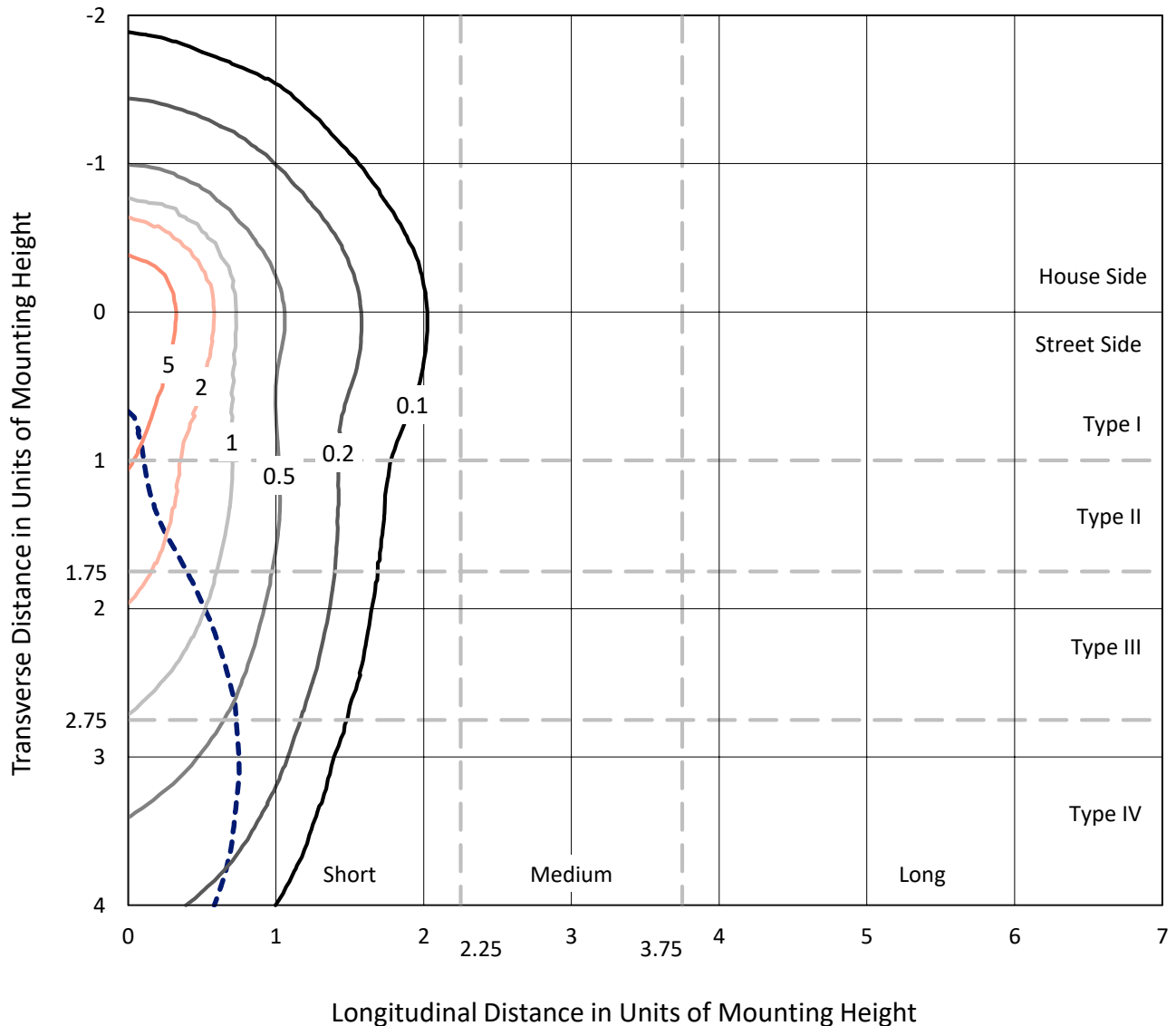




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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

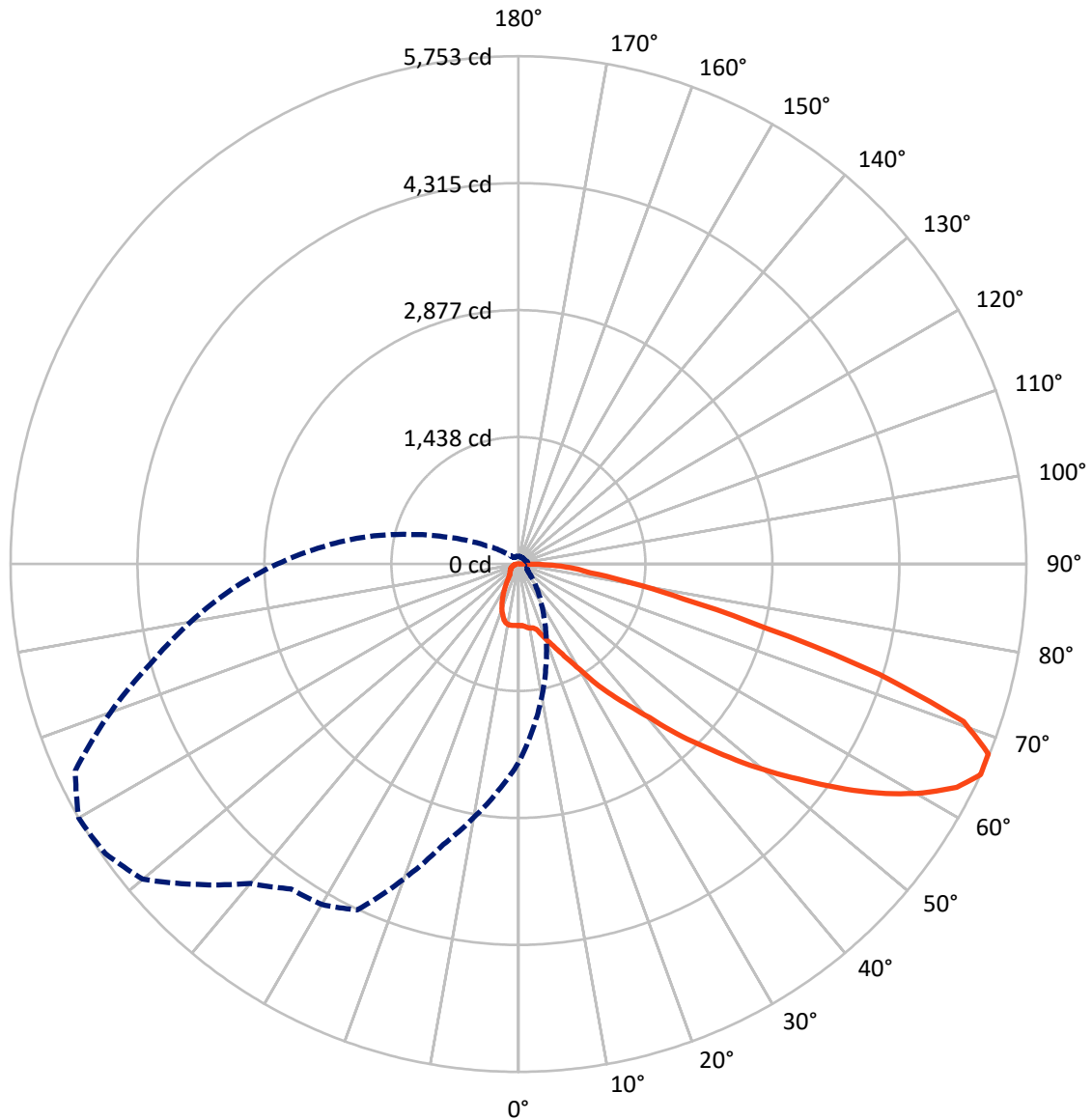


Based on 10 foot mounting height. Maximum calculated value = 7.1 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	995.6	0.0	995.6
	% Fixture	18.5	0.0	18.5
Street Side	Lumens	4372.0	0.0	4372.0
	% Fixture	81.5	0.0	81.5
Total	Lumens	5367.6	0.0	5367.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.5	1.3
10°-20°	202.7	3.8
20°-30°	336.8	6.3
30°-40°	492.4	9.2
40°-50°	749.1	14.0
50°-60°	1076.7	20.1
60°-70°	1323.8	24.7
70°-80°	885.6	16.5
80°-90°	233.0	4.3
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°	5367.6	100.0
0°-180°	5367.6	100.0

Coefficient of Utilization



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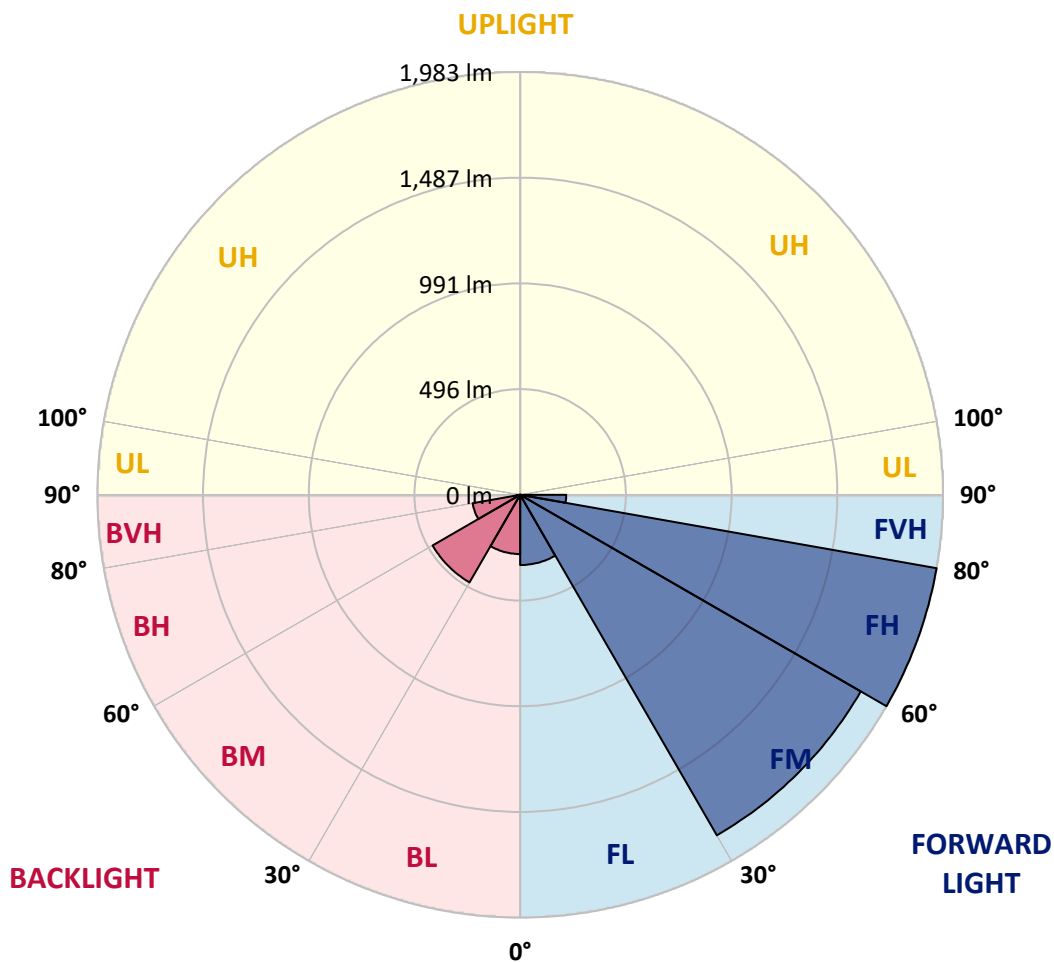
CATALOG NUMBER: CEM-E02-LED-E-U-SLR-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	329.3	6.1			
FM	(30°-60°)	1844.0	34.4			
FH	(60°-80°)	1982.8	36.9			G2/5000
FVH	(80°-90°)	216.0	4.0			G2/225
BL	(0°-30°)	277.9	5.2	B1/500		
BM	(30°-60°)	474.2	8.8	B1/1000		
BH	(60°-80°)	226.6	4.2	B1/500		G1/500
BVH	(80°-90°)	16.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8
2.5°	698.4	700.5	700.5	699.1	698.4	699.1	699.8	699.1	699.8	701.2	700.5
5°	689.5	690.9	691.6	691.6	691.6	693.0	695.0	694.3	696.4	697.8	697.8
7.5°	668.3	671.1	671.1	671.8	673.1	675.2	678.6	680.0	683.4	688.2	689.5
10°	655.3	656.0	654.0	653.3	654.7	658.8	660.8	664.2	669.7	675.2	680.6
12.5°	658.8	659.4	656.0	656.7	656.7	658.8	664.9	667.7	669.7	673.1	678.6
15°	686.8	686.8	682.7	684.1	684.8	687.5	687.5	682.7	681.3	677.9	675.2
17.5°	724.4	719.0	718.3	717.6	720.3	717.6	711.4	700.5	687.5	673.8	662.9
20°	763.4	764.1	760.0	759.3	751.8	742.2	724.4	702.5	679.3	658.1	636.2
22.5°	821.6	822.9	815.4	800.4	783.9	758.6	726.5	693.0	659.4	630.0	604.7
25°	909.8	895.4	878.3	846.9	805.2	760.7	716.2	674.5	630.7	591.7	559.6
27.5°	997.4	968.6	922.8	871.5	812.7	755.2	702.5	646.4	594.5	547.3	510.3
30°	1078.8	1025.4	959.8	886.6	811.3	737.4	670.4	606.8	545.2	494.6	450.8
32.5°	1161.6	1083.6	992.6	890.0	790.8	702.5	625.2	552.0	491.2	429.6	382.4
35°	1265.5	1147.9	1012.4	877.0	755.2	647.8	565.0	495.3	429.6	367.3	318.1
37.5°	1360.6	1199.2	1022.7	855.1	708.7	591.0	500.1	428.9	367.3	314.7	272.3
40°	1430.4	1232.7	1021.3	827.0	661.5	532.9	443.3	379.0	323.6	281.8	249.0
42.5°	1485.1	1251.8	1014.5	800.4	620.5	490.5	406.3	347.5	303.7	270.2	244.9
45°	1522.7	1265.5	1010.4	779.2	593.1	470.0	394.0	344.8	307.8	277.7	249.0
47.5°	1555.6	1281.3	1009.0	769.6	586.9	476.1	410.4	366.0	325.6	286.6	248.3
50°	1588.4	1297.0	1021.3	785.3	610.2	510.3	448.8	392.0	336.6	283.9	236.7
52.5°	1633.6	1342.8	1067.1	830.5	660.8	558.2	485.0	413.2	338.6	277.0	225.7
55°	1701.3	1414.0	1132.8	890.0	715.5	610.2	514.4	421.4	336.6	269.5	215.5
57.5°	1812.1	1518.6	1222.4	972.7	786.7	650.6	530.8	424.8	331.8	261.3	207.3
60°	1952.3	1638.3	1335.3	1059.6	847.6	678.6	537.7	423.4	324.9	251.7	195.6
62.5°	2111.7	1769.7	1437.2	1139.0	891.3	691.6	534.9	412.5	309.2	231.9	179.2
65°	2252.0	1874.4	1522.7	1202.6	918.7	691.6	517.8	387.2	281.2	203.9	158.0
67.5°	2366.9	1962.6	1588.4	1239.5	921.4	667.7	476.8	341.4	236.7	169.0	133.4
70°	2427.1	1990.6	1608.9	1235.4	875.6	598.6	401.5	265.4	173.8	131.3	107.4
72.5°	2360.7	1924.3	1521.4	1116.4	730.6	446.7	281.2	180.6	124.5	101.9	88.9
75°	2100.8	1632.9	1266.2	863.3	523.3	278.4	174.4	126.6	98.5	84.8	78.0
77.5°	1568.6	1217.0	871.5	546.6	299.6	169.0	122.4	96.5	82.8	74.6	68.4
80°	986.4	749.7	524.0	301.0	171.0	124.5	101.9	86.2	75.2	65.0	58.8
82.5°	549.3	399.5	266.8	171.7	119.0	100.6	88.2	79.4	67.0	56.8	50.6
85°	375.6	246.9	168.3	112.9	82.1	73.2	65.7	60.2	51.3	43.1	39.7
87.5°	152.5	142.3	103.3	45.1	33.5	30.1	26.7	32.8	27.4	21.2	19.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	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°	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8
2.5°	701.9	700.5	701.2	700.5	699.8	699.1	698.4	699.1	697.8	698.4	698.4
5°	699.8	698.4	700.5	699.8	698.4	698.4	697.8	697.8	697.8	697.8	698.4
7.5°	693.6	693.6	695.7	695.7	694.3	694.3	693.0	692.3	692.3	693.0	694.3
10°	685.4	687.5	690.9	689.5	686.8	685.4	683.4	682.0	681.3	682.7	684.1
12.5°	679.3	680.6	678.6	676.5	672.4	667.7	667.0	663.5	661.5	664.9	664.9
15°	669.0	663.5	656.0	649.2	639.6	634.8	629.3	628.0	623.2	623.9	627.3
17.5°	647.1	632.8	621.1	614.3	606.1	602.7	596.5	593.1	589.7	586.2	588.3
20°	616.3	600.6	585.6	576.7	563.7	560.9	550.7	550.7	546.6	547.3	551.4
22.5°	577.4	553.4	534.3	523.3	509.6	504.2	499.4	496.0	493.9	498.0	493.2
25°	526.1	497.3	479.5	463.8	448.8	443.3	437.1	435.1	435.8	433.0	437.8
27.5°	473.4	437.8	418.7	400.9	389.9	380.3	375.6	374.2	371.5	379.0	374.9
30°	407.0	374.9	352.3	333.8	320.8	316.0	311.3	309.9	314.0	308.5	305.8
32.5°	340.0	305.1	285.9	270.2	260.6	251.1	249.7	246.9	242.2	248.3	246.9
35°	279.1	249.7	229.8	220.3	207.3	203.2	195.0	192.9	193.6	195.0	194.3
37.5°	242.2	221.6	203.9	190.9	181.3	175.8	173.1	170.3	170.3	169.0	168.3
40°	225.1	208.0	191.5	179.2	171.7	167.6	164.9	162.1	160.1	158.0	156.0
42.5°	222.3	201.8	183.3	171.0	164.2	162.8	162.1	160.1	157.3	153.9	151.2
45°	220.3	194.3	175.1	164.2	159.4	158.7	158.7	156.7	154.6	151.2	147.1
47.5°	213.4	184.7	166.2	158.0	156.0	156.7	156.0	153.9	152.5	149.1	144.3
50°	198.4	170.3	152.5	146.4	145.7	145.0	145.0	144.3	143.0	140.2	135.4
52.5°	185.4	157.3	143.0	138.9	137.5	137.5	136.1	135.4	132.7	130.7	127.2
55°	177.2	150.5	138.2	135.4	135.4	134.8	133.4	131.3	129.3	126.6	122.4
57.5°	169.6	145.0	134.8	132.7	133.4	132.7	131.3	130.0	127.2	123.8	119.0
60°	158.7	136.8	127.9	127.2	128.6	130.0	129.3	128.6	126.6	121.8	114.9
62.5°	143.0	123.1	116.3	117.7	119.0	120.4	119.7	119.0	117.0	112.9	106.7
65°	127.2	112.9	108.8	110.1	111.5	111.5	111.5	110.1	108.8	104.0	99.2
67.5°	112.2	103.3	101.9	103.3	104.0	104.0	104.7	103.3	101.2	97.8	93.0
70°	95.8	91.7	91.7	93.0	93.7	93.0	93.7	91.7	89.6	87.6	82.8
72.5°	85.5	85.5	84.8	84.8	84.8	83.5	82.8	81.4	79.4	77.3	73.2
75°	75.9	75.9	75.2	76.6	73.9	71.8	71.1	69.8	67.7	65.0	62.3
77.5°	65.0	63.6	63.6	65.7	65.0	62.3	60.2	59.5	56.8	54.0	52.7
80°	56.1	54.7	54.7	54.0	52.7	52.0	49.3	46.5	45.8	45.8	43.8
82.5°	49.3	48.6	46.5	45.1	43.1	41.0	39.0	37.6	35.6	34.9	35.6
85°	39.0	39.7	37.6	36.3	34.2	31.5	29.4	28.0	26.7	26.7	29.4
87.5°	22.6	21.2	21.2	20.5	19.8	17.8	17.8	15.7	15.0	19.2	19.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	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°	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8
2.5°	699.1	699.1	697.1	698.4	697.8	698.4	701.2	698.4	697.8	699.8	701.9
5°	699.1	700.5	698.4	699.8	699.8	701.9	705.3	703.2	704.6	707.3	710.1
7.5°	696.4	698.4	698.4	701.2	703.2	706.6	711.4	710.1	712.8	716.9	720.3
10°	688.9	692.3	695.7	699.8	704.6	710.1	716.9	716.9	719.6	725.1	728.5
12.5°	670.4	679.3	683.4	693.0	700.5	708.7	716.2	721.0	723.1	727.9	732.0
15°	633.4	644.4	652.6	664.2	676.5	688.2	701.2	706.0	710.1	712.1	714.2
17.5°	591.0	598.6	604.0	619.1	632.8	643.7	656.0	662.2	667.0	667.0	668.3
20°	556.1	559.6	560.9	560.9	569.1	579.4	595.1	593.1	597.2	593.1	597.2
22.5°	502.1	496.6	499.4	499.4	504.8	502.8	508.9	519.2	517.8	520.6	532.2
25°	436.4	437.1	432.3	432.3	433.0	434.4	437.1	439.9	449.4	459.7	467.2
27.5°	374.2	372.8	369.4	366.7	363.9	368.7	372.1	371.5	385.1	393.3	407.0
30°	305.8	305.8	306.5	305.1	307.8	304.4	309.9	311.3	322.9	331.8	344.1
32.5°	249.0	250.4	250.4	249.7	254.5	251.1	253.8	257.2	264.7	272.3	278.4
35°	197.7	199.7	205.2	207.3	209.3	206.6	210.0	214.1	214.8	221.6	226.4
37.5°	167.6	171.0	171.7	173.1	173.1	175.1	175.8	178.5	178.5	180.6	182.0
40°	154.6	153.2	152.5	151.9	150.5	151.2	151.9	153.9	154.6	156.0	156.0
42.5°	148.4	146.4	143.0	140.9	138.2	138.2	138.2	138.2	140.2	141.6	141.6
45°	143.0	139.6	136.1	132.7	130.7	129.3	130.0	130.7	132.0	132.7	133.4
47.5°	139.6	134.8	129.3	125.9	123.8	122.4	123.1	123.8	123.8	124.5	125.2
50°	130.0	125.2	120.4	117.0	114.9	114.2	114.2	113.6	114.2	114.9	114.9
52.5°	122.4	117.7	113.6	110.1	108.1	108.1	107.4	106.0	106.7	106.0	106.7
55°	118.3	112.2	107.4	104.0	101.9	101.9	100.6	101.2	101.2	99.9	100.6
57.5°	113.6	107.4	103.3	99.2	96.5	96.5	95.8	96.5	97.1	95.1	95.1
60°	108.8	103.3	98.5	95.1	91.7	92.3	91.7	93.0	93.0	91.0	91.0
62.5°	99.9	95.1	92.3	90.3	87.6	88.2	88.2	90.3	88.2	86.9	86.2
65°	93.0	89.6	85.5	85.5	82.8	84.1	84.1	84.1	82.1	81.4	82.1
67.5°	88.2	84.1	81.4	78.7	76.6	77.3	75.9	75.9	75.2	74.6	75.9
70°	79.4	75.9	74.6	71.8	70.5	68.4	67.7	67.7	67.7	67.0	67.7
72.5°	70.5	67.7	66.4	63.6	62.3	60.9	60.2	59.5	58.8	59.5	59.5
75°	59.5	58.1	56.8	55.4	54.0	53.4	52.7	52.7	52.0	51.3	52.0
77.5°	51.3	49.3	48.6	47.2	47.9	45.8	45.1	45.8	45.8	45.8	46.5
80°	43.8	42.4	42.4	41.0	40.4	39.0	39.7	39.7	39.7	39.7	40.4
82.5°	38.3	36.9	36.9	36.3	34.2	32.8	33.5	34.9	34.9	34.2	35.6
85°	31.5	30.1	30.1	29.4	26.7	26.0	25.3	26.7	27.4	26.0	27.4
87.5°	20.5	19.2	18.5	18.5	15.7	10.9	14.4	15.7	15.7	13.0	15.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	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°	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8
2.5°	701.2	702.5	702.5	703.9	706.6	703.9	702.5	704.6	704.6	703.9	703.9
5°	710.1	712.8	713.5	717.6	719.6	718.3	719.6	721.0	721.7	720.3	721.7
7.5°	721.7	725.1	728.5	733.3	737.4	736.7	738.8	741.5	742.2	742.2	743.6
10°	731.3	736.1	739.5	745.6	750.4	751.8	753.8	757.3	760.7	760.7	763.4
12.5°	733.3	738.8	742.2	747.7	755.9	758.6	763.4	771.6	775.1	777.8	779.8
15°	715.5	720.3	725.1	732.6	742.2	750.4	761.4	773.0	783.3	790.8	793.5
17.5°	669.0	669.7	674.5	685.4	705.3	714.2	727.9	751.8	766.2	779.8	792.8
20°	600.6	613.6	618.4	632.8	651.9	665.6	681.3	703.2	725.1	749.7	771.6
22.5°	540.4	557.5	571.2	588.3	604.0	619.8	639.6	658.8	682.7	706.6	732.6
25°	478.8	494.6	513.7	532.2	550.7	570.5	595.1	615.7	639.6	667.7	700.5
27.5°	419.3	435.8	457.0	478.8	493.9	520.6	541.1	571.2	598.6	629.3	666.3
30°	357.1	372.8	383.1	407.0	428.2	454.9	486.4	515.8	548.6	582.8	625.9
32.5°	289.4	298.9	313.3	329.7	354.3	382.4	415.2	446.7	491.8	534.3	575.3
35°	231.9	236.7	236.0	254.5	265.4	298.9	340.0	370.1	415.2	467.2	521.3
37.5°	182.6	182.0	186.1	188.8	202.5	224.4	256.5	295.5	347.5	403.6	457.6
40°	156.0	156.7	157.3	157.3	160.1	174.4	203.2	243.5	293.5	343.4	402.9
42.5°	143.7	145.0	145.7	147.1	148.4	153.2	173.8	211.4	253.8	307.1	360.5
45°	134.8	136.8	138.9	138.9	140.2	141.6	153.2	182.0	224.4	275.0	331.1
47.5°	127.2	129.3	130.7	131.3	132.7	134.1	140.2	160.1	201.1	246.9	305.1
50°	116.3	118.3	119.7	121.8	121.8	121.8	125.9	140.2	171.7	216.9	273.6
52.5°	107.4	108.8	110.8	112.2	112.9	113.6	115.6	123.8	147.8	190.2	243.5
55°	102.6	104.0	106.0	107.4	108.8	109.5	110.8	114.2	131.3	167.6	217.5
57.5°	96.5	98.5	101.2	102.6	104.0	104.7	105.3	106.7	118.3	145.7	186.8
60°	92.3	95.8	99.2	101.2	101.9	102.6	103.3	101.9	106.7	123.8	156.0
62.5°	87.6	91.0	93.7	96.5	97.1	97.8	98.5	96.5	95.8	104.0	121.8
65°	83.5	85.5	87.6	89.6	89.6	90.3	89.6	86.9	84.8	84.8	93.0
67.5°	78.0	79.4	81.4	82.1	82.1	82.1	81.4	80.7	77.3	75.9	77.3
70°	69.8	71.8	73.9	75.2	75.2	74.6	73.9	71.8	70.5	69.1	70.5
72.5°	62.3	65.0	65.7	66.4	65.7	65.7	65.7	64.3	65.0	65.0	65.7
75°	54.7	56.1	56.1	57.5	57.5	57.5	57.5	57.5	58.8	58.1	58.8
77.5°	46.5	47.2	48.6	48.6	48.6	49.3	50.6	50.6	52.0	52.7	52.7
80°	40.4	39.0	39.0	38.3	39.0	40.4	41.7	44.5	44.5	45.1	45.8
82.5°	32.2	29.4	28.0	29.4	29.4	30.1	32.8	35.6	35.6	37.6	38.3
85°	24.6	21.2	18.5	19.8	19.8	21.2	23.9	25.3	27.4	28.0	27.4
87.5°	14.4	12.3	8.2	6.8	8.2	10.3	10.9	12.3	10.3	11.6	12.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	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°	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8
2.5°	705.3	705.3	701.9	701.9	702.5	703.9	700.5	699.8	700.5	699.8	699.1
5°	723.7	721.7	721.0	719.6	719.0	720.3	716.9	716.9	716.2	714.9	712.8
7.5°	744.3	742.9	741.5	740.2	738.8	739.5	736.1	735.4	734.7	734.0	732.0
10°	763.4	761.4	760.0	756.6	753.8	751.1	744.3	742.2	740.2	738.8	738.1
12.5°	779.2	777.1	772.3	766.2	762.1	755.2	749.7	745.0	742.9	740.8	741.5
15°	794.2	790.1	783.9	776.4	772.3	765.5	761.4	759.3	757.9	756.6	757.9
17.5°	799.0	800.4	796.9	794.9	792.2	789.4	790.1	792.2	796.3	796.3	796.3
20°	790.1	805.2	814.7	822.3	828.4	832.5	833.2	835.2	840.0	842.1	852.4
22.5°	768.9	807.9	840.0	866.0	882.5	887.9	894.1	900.9	901.6	903.7	913.2
25°	749.1	805.8	853.7	894.8	933.1	959.8	974.8	988.5	991.9	994.6	994.6
27.5°	714.2	777.1	838.7	893.4	946.1	990.5	1025.4	1061.0	1085.6	1094.5	1107.5
30°	677.2	743.6	807.2	876.3	943.3	1005.6	1068.5	1126.0	1166.3	1196.4	1220.4
32.5°	630.7	702.5	775.1	850.3	930.3	1008.3	1092.5	1175.9	1252.5	1312.7	1349.7
35°	582.1	657.4	732.6	815.4	905.7	1000.1	1107.5	1218.3	1320.9	1418.8	1502.9
37.5°	528.8	599.9	682.0	776.4	873.6	986.4	1111.6	1249.1	1391.4	1531.6	1640.4
40°	467.9	537.0	616.3	715.5	833.2	960.4	1109.6	1273.1	1451.6	1626.0	1801.2
42.5°	426.2	489.8	565.7	665.6	785.3	931.0	1101.4	1294.9	1506.3	1722.5	1942.8
45°	394.7	457.0	531.5	627.3	749.1	902.3	1098.6	1319.6	1563.8	1811.4	2068.6
47.5°	367.3	431.6	503.5	597.9	715.5	876.3	1092.5	1340.1	1611.7	1879.8	2178.1
50°	340.7	406.3	480.2	575.3	690.9	848.2	1078.8	1358.6	1656.8	1951.0	2268.4
52.5°	311.3	376.2	455.6	552.7	675.2	830.5	1064.4	1373.6	1700.6	2026.9	2362.1
55°	279.8	345.5	423.4	526.1	654.0	816.8	1050.0	1383.2	1746.4	2095.3	2446.2
57.5°	245.6	311.3	387.2	491.8	628.0	798.3	1034.3	1382.5	1780.0	2159.6	2537.2
60°	203.9	263.4	338.6	444.0	582.8	772.3	1021.3	1377.0	1803.9	2216.4	2638.5
62.5°	155.3	205.9	275.0	373.5	517.8	722.4	987.1	1353.8	1806.6	2257.4	2722.6
65°	110.8	138.2	192.9	291.4	411.1	610.9	904.3	1292.2	1761.5	2228.0	2730.1
67.5°	84.8	99.9	126.6	185.4	291.4	465.2	762.1	1154.0	1621.2	2071.4	2604.3
70°	73.2	80.7	95.1	121.1	182.6	301.7	539.7	911.9	1335.3	1782.0	2236.9
72.5°	67.7	72.5	81.4	94.4	116.3	177.9	332.5	612.9	981.0	1358.6	1756.7
75°	62.3	67.0	73.9	82.1	93.0	119.0	181.3	360.5	605.4	897.5	1180.7
77.5°	55.4	59.5	68.4	75.9	82.8	93.0	115.6	200.4	333.1	537.0	706.6
80°	46.5	50.6	57.5	69.1	75.9	82.8	90.3	123.1	184.0	277.7	362.6
82.5°	38.3	40.4	45.8	56.1	62.3	65.7	67.7	80.0	104.7	136.8	199.7
85°	26.7	26.7	30.8	36.3	41.0	38.3	39.0	41.0	54.0	75.9	153.2
87.5°	10.3	7.5	9.6	11.6	11.6	10.9	13.0	12.3	17.1	32.2	43.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	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°	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	697.8	0°
2.5°	699.1	699.1	698.4	697.8	697.1	697.1	695.7	697.8	697.1	697.8	698.4	2.5°
5°	713.5	712.1	710.7	709.4	709.4	708.0	706.0	705.3	702.5	701.9	699.8	5°
7.5°	734.0	734.0	734.0	732.6	729.9	726.5	722.4	719.6	712.1	706.6	700.5	7.5°
10°	739.5	740.8	741.5	742.2	739.5	738.8	734.0	728.5	719.6	711.4	703.2	10°
12.5°	741.5	744.3	745.0	745.6	743.6	742.2	737.4	734.0	726.5	718.3	714.2	12.5°
15°	760.7	765.5	770.9	770.3	776.4	769.6	765.5	766.2	757.9	749.1	746.3	15°
17.5°	809.9	812.0	823.6	824.3	833.9	836.6	829.8	822.3	817.5	812.0	800.4	17.5°
20°	863.3	878.3	882.5	903.0	912.5	917.3	918.0	918.0	909.1	885.2	875.6	20°
22.5°	921.4	944.0	968.6	981.6	1001.5	1004.2	1014.5	1008.3	1001.5	983.0	961.1	22.5°
25°	1015.2	1028.2	1050.0	1082.9	1092.5	1112.3	1108.2	1117.1	1102.0	1069.9	1056.9	25°
27.5°	1119.8	1142.4	1173.2	1204.0	1217.6	1239.5	1225.9	1239.5	1214.9	1206.0	1174.5	27.5°
30°	1234.1	1264.8	1319.6	1357.9	1385.9	1401.0	1392.1	1384.6	1377.7	1361.3	1359.2	30°
32.5°	1374.3	1411.2	1463.2	1513.2	1562.4	1613.7	1626.0	1637.0	1662.3	1612.4	1563.8	32.5°
35°	1547.4	1575.4	1633.6	1691.0	1758.7	1823.0	1929.1	1955.8	1921.6	1862.0	1784.1	35°
37.5°	1716.3	1780.0	1838.1	1906.5	1957.1	2031.0	2078.2	2130.9	2102.1	2046.7	1957.1	37.5°
40°	1923.6	2009.8	2089.2	2173.3	2230.8	2288.2	2377.1	2434.6	2429.1	2360.0	2239.0	40°
42.5°	2113.8	2250.6	2381.9	2444.9	2521.5	2625.5	2691.1	2782.8	2789.0	2708.9	2555.0	42.5°
45°	2312.8	2472.2	2632.3	2756.1	2821.1	2949.7	3100.2	3200.1	3230.9	3078.3	2921.0	45°
47.5°	2468.8	2717.1	2931.9	3064.0	3185.0	3317.7	3511.3	3655.7	3643.4	3437.5	3229.5	47.5°
50°	2605.6	2921.7	3181.6	3399.1	3544.2	3697.4	3952.6	4124.9	4064.7	3802.7	3542.8	50°
52.5°	2729.4	3100.2	3421.7	3691.2	3860.2	4079.1	4401.3	4551.8	4380.8	4127.7	3806.2	52.5°
55°	2843.0	3261.6	3635.1	3959.4	4220.0	4502.6	4804.9	4908.2	4664.7	4352.1	4056.5	55°
57.5°	2947.7	3411.5	3831.5	4220.7	4570.3	4907.5	5170.9	5177.7	4871.9	4525.1	4243.3	57.5°
60°	3073.5	3549.0	4036.7	4491.6	4917.8	5268.0	5421.9	5373.4	5005.3	4654.4	4371.9	60°
62.5°	3195.3	3672.8	4204.3	4752.2	5266.0	5571.8	5602.5	5499.9	5097.0	4714.6	4468.3	62.5°
65°	3255.5	3767.2	4298.0	4917.8	5538.2	5753.0	5715.4	5554.7	5133.9	4723.5	4493.0	65°
67.5°	3167.2	3678.9	4208.4	4846.0	5536.9	5741.4	5644.3	5450.0	5044.3	4602.4	4378.7	67.5°
70°	2842.3	3338.3	3769.9	4369.8	5146.9	5348.7	5203.0	5010.8	4671.5	4239.2	4137.3	70°
72.5°	2391.5	2759.5	3120.7	3564.0	4096.9	4273.4	4081.2	4176.9	4089.4	3670.7	3577.7	72.5°
75°	1795.0	2139.1	2280.0	2416.1	2784.2	2889.5	2815.6	3144.0	3233.6	3059.2	2821.8	75°
77.5°	1174.5	1535.7	1561.7	1564.5	1715.0	1916.8	2184.2	2525.6	2695.2	2616.6	2328.6	77.5°
80°	684.8	1082.2	968.0	931.0	1064.4	1289.5	1642.5	2070.0	2294.4	2310.8	2035.8	80°
82.5°	344.1	678.6	587.6	581.5	656.7	822.9	1080.8	1319.6	1611.7	1625.4	1661.6	82.5°
85°	267.5	466.5	477.5	517.8	570.5	639.6	658.8	701.2	864.0	1014.5	1053.5	85°
87.5°	138.9	343.4	405.0	471.3	465.2	381.0	321.5	346.8	403.6	425.5	552.7	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
697.8	697.8	697.8	697.8	697.8	697.8	697.8
697.1	698.4	697.8	698.4	699.1	699.1	698.4
696.4	695.7	693.0	691.6	691.6	690.2	689.5
692.3	687.5	680.6	676.5	673.8	671.8	668.3
693.0	684.8	675.9	669.7	663.5	659.4	655.3
701.9	691.6	683.4	673.8	669.0	663.5	658.8
732.6	719.0	709.4	700.5	695.0	690.9	686.8
781.9	765.5	749.7	741.5	732.0	725.1	724.4
848.2	824.3	803.8	785.3	776.4	765.5	763.4
923.5	888.6	866.7	846.2	833.9	820.9	821.6
1019.3	984.4	948.8	927.6	909.8	911.9	909.8
1134.2	1106.8	1065.8	1039.8	1034.3	1013.1	997.4
1313.4	1272.4	1222.4	1175.9	1146.5	1111.6	1078.8
1489.2	1413.3	1346.9	1301.8	1264.2	1212.9	1161.6
1663.0	1575.4	1513.8	1475.5	1417.4	1345.6	1265.5
1869.6	1812.1	1768.3	1674.6	1591.8	1481.7	1360.6
2167.8	2095.3	1990.6	1871.6	1751.9	1595.9	1430.4
2464.7	2377.1	2230.8	2055.6	1883.9	1695.8	1485.1
2786.9	2617.9	2427.1	2215.0	2003.6	1770.4	1522.7
3040.7	2830.0	2591.9	2337.5	2098.7	1831.9	1555.6
3300.0	3045.5	2746.5	2459.9	2184.9	1881.9	1588.4
3503.8	3219.9	2904.6	2571.4	2265.0	1938.0	1633.6
3707.7	3393.7	3046.2	2682.9	2364.1	2016.0	1701.3
3877.3	3551.0	3183.0	2804.7	2479.1	2119.9	1812.1
4101.0	3772.0	3343.7	2949.0	2609.0	2261.5	1952.3
4313.7	4031.2	3567.4	3118.7	2767.7	2421.6	2111.7
4454.0	4324.0	3796.6	3289.0	2916.9	2571.4	2252.0
4456.7	4510.1	4038.1	3427.2	3056.4	2734.2	2366.9
4349.3	4536.1	4089.4	3439.5	3122.8	2806.7	2427.1
3977.9	4215.9	3782.2	3196.7	2999.6	2750.0	2360.7
3076.9	3249.3	3025.0	2709.6	2716.4	2570.7	2100.8
2130.2	2293.0	2104.2	2037.2	2187.0	2105.6	1568.6
1613.7	1403.7	1329.8	1365.4	1552.2	1543.3	986.4
1437.2	1062.4	881.1	924.9	1095.9	1000.8	549.3
1178.7	1059.6	885.9	801.0	835.2	683.4	375.6
678.6	775.1	631.4	595.1	517.8	307.8	152.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)