

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: P598939

Luminaire Tested: **IFLD-S-SA2E-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598939
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

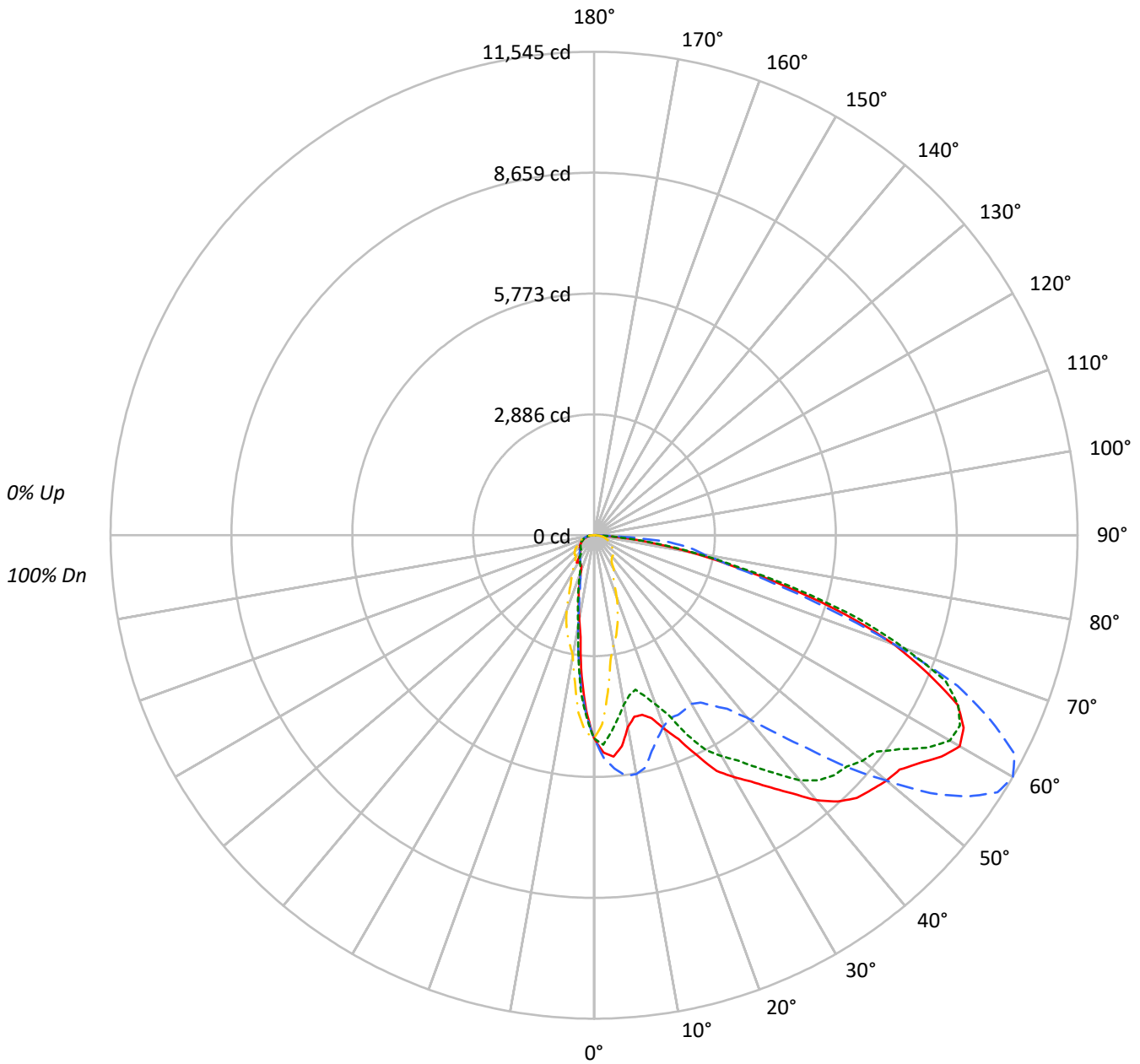
Lumens per Lamp: N/A
 Luminaire Lumens: 15184.5 lumens
 Efficiency: N/A
 Efficacy: 97.2 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 Input Voltage (V): 120
 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

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	104406	104406	104406	104406
5°	114704	101894	73072	79769
10°	101601	89674	44321	47561
15°	98931	85119	31376	32577
20°	112804	98453	20525	22685
25°	137439	124800	17920	18561
30°	165600	151367	18586	17247
35°	193131	177731	15400	14515
40°	232077	214662	14386	13630
45°	270083	246705	14559	13536
50°	305227	280413	14890	13986
55°	355963	334221	15422	14664
60°	434156	422264	15371	15371
65°	487916	488604	15786	16469
70°	479520	496477	16535	16957
75°	395549	421883	17367	18490
80°	285599	299794	19204	20047
85°	158058	169717	21638	26627

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	376.8	2.5
10°-20°	795.5	5.2
20°-30°	1163.9	7.7
30°-40°	1639.8	10.8
40°-50°	2253.6	14.8
50°-60°	3071.4	20.2
60°-70°	3361.5	22.1
70°-80°	1940.7	12.8
80°-90°	581.2	3.8
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°-30°	2336.1	15.4
0°-40°	3976.0	26.2
0°-60°	9301.0	61.3
0°-90°	15184.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15184.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4850	4850	4850	4850	4850	
5°	5308	4715	3381	3691	5308	482
15°	4439	3819	1408	1462	4439	1297
25°	5786	5254	754	781	5786	2709
35°	7349	6763	586	552	7349	4660
45°	8871	8103	478	445	8871	6818
55°	9484	8905	411	391	9484	8557
65°	9578	9592	310	323	9578	9168
75°	4756	5072	209	222	4756	5108
85°	640	687	88	108	640	888
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8
2.5°	5193.4	5173.2	5193.4	5267.5	5287.7	5321.3	5321.3	5274.2	5186.6	5146.2	5078.9
5°	5307.9	5274.2	5442.6	5597.5	5718.8	5705.3	5590.8	5496.5	5321.3	5058.6	4809.4
7.5°	5078.9	5112.5	5233.8	5637.9	5920.8	5974.7	5792.9	5604.3	5227.0	4863.3	4526.5
10°	4647.8	4694.9	4957.6	5375.2	5819.8	5907.4	5792.9	5563.8	5112.5	4661.2	4270.5
12.5°	4438.9	4546.7	4701.6	5206.8	5523.4	5732.2	5678.3	5530.2	5025.0	4492.8	4115.6
15°	4438.9	4465.9	4694.9	5119.3	5301.1	5307.9	5328.1	5355.0	5051.9	4566.9	4061.7
17.5°	4580.4	4654.5	4849.8	5112.5	5146.2	5065.4	5065.4	5179.9	5105.8	4775.7	4257.1
20°	4923.9	4897.0	5152.9	5260.7	5078.9	4876.8	4856.6	5051.9	5166.4	4998.0	4614.1
22.5°	5267.5	5388.7	5597.5	5355.0	5018.2	4748.8	4721.9	4964.3	5348.3	5382.0	5025.0
25°	5786.1	5907.4	6015.1	5718.8	5011.5	4715.1	4735.3	4923.9	5570.6	5927.6	5712.0
27.5°	6345.2	6419.3	6574.2	6116.2	5173.2	4674.7	4694.9	4977.8	5779.4	6284.6	6250.9
30°	6661.8	6742.6	6708.9	6190.3	5280.9	4701.6	4647.8	5051.9	5664.9	6284.6	6601.2
32.5°	6971.6	6924.5	6904.3	6311.5	5415.6	4870.0	4735.3	5206.8	5732.2	6385.6	7052.5
35°	7348.8	7281.5	7227.6	6547.3	5637.9	5031.7	4971.1	5408.9	5880.4	6594.4	7416.2
37.5°	7766.5	7766.5	7503.8	6722.4	5900.6	5294.4	5227.0	5698.6	6116.2	6722.4	7914.7
40°	8258.2	8278.4	7813.6	6958.2	6197.0	5712.0	5691.8	6075.8	6345.2	6911.0	8392.9
42.5°	8621.9	8635.4	8083.1	7045.7	6540.5	6291.3	6378.9	6682.0	6607.9	7079.4	8426.6
45°	8871.2	8803.8	8271.7	7295.0	6917.8	7160.2	7187.2	7274.8	6951.4	7180.4	8561.3
47.5°	8992.4	8978.9	8352.5	7584.6	7712.6	8042.6	8197.6	8076.3	7268.0	7072.7	8561.3
50°	9113.6	8999.1	8426.6	7982.0	8487.2	9154.1	9120.4	8898.1	7705.8	7207.4	8433.3
52.5°	9194.5	9093.4	8574.8	8339.0	9228.2	9982.6	10117.3	9706.4	8217.8	7456.6	8493.9
55°	9484.1	9403.3	9019.3	8824.0	10083.6	10858.2	10878.4	10305.9	8756.6	7867.5	8891.4
57.5°	9834.4	9881.5	9632.3	9511.1	10737.0	11498.1	11424.1	10750.5	9214.7	8366.0	9349.4
60°	10083.6	10157.7	10097.1	10110.6	11060.3	11713.7	11545.3	11026.6	9551.5	8743.2	9908.5
62.5°	9948.9	10097.1	10346.3	10292.4	11073.8	11558.8	11323.0	10662.9	9591.9	9234.9	10332.8
65°	9578.4	9591.9	10076.9	10373.3	10467.6	10757.2	10447.4	9901.7	9174.3	9538.0	10272.2
67.5°	8628.7	8736.4	9174.3	9753.6	9356.1	9423.5	9396.6	8608.5	8541.1	9329.2	9807.4
70°	7618.3	7692.4	8170.6	8850.9	7901.2	7584.6	7645.2	7059.2	7335.4	8682.6	8871.2
72.5°	6298.0	6345.2	6890.8	7490.3	6338.5	5772.7	5914.1	5435.9	5826.5	7598.1	7483.6
75°	4755.5	4843.1	5267.5	5974.7	4668.0	4304.2	4445.7	4250.3	4614.1	6257.6	5806.3
77.5°	3381.4	3314.1	3839.5	4674.7	3509.4	3293.8	3307.3	3341.0	3731.7	5274.2	4169.5
80°	2303.7	2323.9	2795.4	3428.6	2755.0	2721.3	2687.6	2957.1	3132.2	4176.2	3031.1
82.5°	1367.4	1367.4	1886.0	2438.4	2175.7	2451.9	2296.9	2539.4	2451.9	3071.6	1987.1
85°	639.9	639.9	970.0	1758.1	1684.0	2020.8	1717.6	1919.7	1812.0	2142.0	895.9
87.5°	107.8	94.3	195.3	862.2	693.8	788.1	309.9	1023.9	1138.4	1495.4	222.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8
2.5°	5004.8	4957.6	4863.3	4742.1	4641.0	4513.0	4472.6	4385.1	4263.8	4250.3	4196.5
5°	4715.1	4553.5	4351.4	4102.2	3933.8	3758.6	3610.4	3522.9	3421.8	3408.4	3381.4
7.5°	4398.5	4196.5	3859.7	3563.3	3273.6	2997.5	2862.7	2694.4	2579.8	2492.3	2451.9
10°	4102.2	3913.5	3495.9	3091.8	2835.8	2653.9	2492.3	2317.1	2175.7	2067.9	2027.5
12.5°	3906.8	3684.5	3233.2	2849.3	2660.7	2451.9	2270.0	2081.4	1899.5	1758.1	1684.0
15°	3819.2	3610.4	3152.4	2728.0	2451.9	2162.2	1953.4	1764.8	1542.5	1441.5	1407.8
17.5°	4028.1	3718.2	3125.4	2586.6	2195.9	1865.8	1609.9	1407.8	1246.1	1145.1	1104.7
20°	4297.5	3913.5	3172.6	2418.2	1953.4	1582.9	1300.0	1084.5	976.7	902.6	895.9
22.5°	4641.0	4203.2	3246.7	2296.9	1684.0	1273.1	1017.1	889.1	815.0	808.3	794.8
25°	5254.0	4728.6	3367.9	2135.3	1468.4	1050.8	868.9	794.8	761.2	740.9	754.4
27.5°	5779.4	5072.1	3455.5	2034.2	1380.9	990.2	842.0	761.2	727.5	720.7	727.5
30°	6089.2	5388.7	3428.6	1845.6	1205.7	943.0	895.9	868.9	801.6	747.7	747.7
32.5°	6372.1	5590.8	3421.8	1677.2	1030.6	788.1	747.7	727.5	767.9	794.8	774.6
35°	6762.8	5907.4	3401.6	1582.9	956.5	727.5	660.1	606.2	579.3	565.8	586.0
37.5°	7180.4	6122.9	3347.7	1569.5	916.1	693.8	639.9	586.0	559.1	545.6	538.9
40°	7638.5	6351.9	3287.1	1502.1	895.9	673.6	619.7	572.5	538.9	518.7	511.9
42.5°	7934.9	6533.8	3226.5	1468.4	855.5	660.1	599.5	559.1	525.4	498.5	498.5
45°	8103.3	6749.4	3165.9	1434.7	808.3	666.9	599.5	545.6	505.2	491.7	478.2
47.5°	8177.4	6911.0	3145.7	1380.9	767.9	639.9	586.0	532.1	491.7	464.8	458.0
50°	8372.7	7254.5	3219.8	1340.4	720.7	613.0	619.7	525.4	485.0	451.3	444.6
52.5°	8487.2	7530.7	3381.4	1279.8	687.1	579.3	606.2	511.9	464.8	431.1	431.1
55°	8904.8	7988.8	3556.5	1232.7	646.6	532.1	559.1	485.0	431.1	410.9	410.9
57.5°	9437.0	8473.7	3704.7	1212.5	619.7	498.5	498.5	471.5	410.9	383.9	377.2
60°	9807.4	8871.2	3792.3	1199.0	592.8	464.8	444.6	471.5	390.7	363.7	357.0
62.5°	9847.9	8642.1	3704.7	1192.3	586.0	431.1	404.2	451.3	370.5	343.5	330.1
65°	9591.9	8177.4	3462.2	1165.3	579.3	397.4	377.2	390.7	343.5	323.3	309.9
67.5°	9080.0	7422.9	3112.0	1151.8	572.5	370.5	343.5	336.8	316.6	296.4	282.9
70°	7887.7	6439.5	2701.1	1091.2	559.1	350.3	309.9	303.1	282.9	269.4	262.7
72.5°	6621.4	5267.5	2229.6	1010.4	532.1	316.6	282.9	269.4	262.7	242.5	235.8
75°	5072.1	4055.0	1785.0	895.9	464.8	282.9	249.2	235.8	229.0	215.5	208.8
77.5°	3563.3	3017.7	1320.2	727.5	390.7	256.0	222.3	208.8	202.1	181.9	181.9
80°	2418.2	2115.1	895.9	505.2	303.1	208.8	195.3	181.9	168.4	154.9	154.9
82.5°	1502.1	1481.9	646.6	330.1	222.3	168.4	154.9	154.9	134.7	121.2	121.2
85°	687.1	909.3	451.3	229.0	168.4	128.0	128.0	121.2	107.8	87.6	87.6
87.5°	215.5	303.1	235.8	101.0	94.3	74.1	74.1	67.4	67.4	53.9	53.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8
2.5°	4250.3	4243.6	4243.6	4216.7	4284.0	4284.0	4324.4	4290.8	4311.0	4317.7	4371.6
5°	3374.7	3428.6	3469.0	3549.8	3597.0	3617.2	3617.2	3671.1	3650.8	3691.3	3772.1
7.5°	2472.1	2539.4	2660.7	2761.7	2842.5	2869.5	2862.7	2876.2	2896.4	2849.3	2862.7
10°	2000.6	1953.4	1993.8	2088.1	2162.2	2249.8	2182.4	2175.7	2195.9	2175.7	2216.1
12.5°	1670.5	1616.6	1582.9	1582.9	1636.8	1677.2	1657.0	1690.7	1764.8	1785.0	1832.2
15°	1353.9	1306.8	1279.8	1246.1	1300.0	1313.5	1333.7	1380.9	1434.7	1461.7	1515.6
17.5°	1084.5	1084.5	1084.5	1057.5	1077.7	1097.9	1104.7	1165.3	1172.0	1199.0	1219.2
20°	889.1	909.3	943.0	956.5	976.7	976.7	963.2	996.9	970.0	990.2	1003.6
22.5°	801.6	828.5	842.0	848.7	875.7	882.4	848.7	855.5	862.2	842.0	848.7
25°	754.4	767.9	754.4	761.2	767.9	754.4	761.2	774.6	767.9	781.4	774.6
27.5°	734.2	720.7	714.0	707.3	707.3	693.8	700.5	700.5	714.0	720.7	720.7
30°	734.2	714.0	687.1	666.9	666.9	646.6	660.1	673.6	680.3	693.8	693.8
32.5°	754.4	714.0	666.9	646.6	626.4	613.0	626.4	646.6	673.6	680.3	687.1
35°	599.5	619.7	613.0	586.0	579.3	579.3	572.5	572.5	552.3	552.3	545.6
37.5°	538.9	532.1	545.6	552.3	559.1	538.9	538.9	511.9	505.2	511.9	511.9
40°	505.2	505.2	505.2	525.4	532.1	518.7	498.5	485.0	485.0	485.0	491.7
42.5°	491.7	478.2	471.5	485.0	505.2	491.7	471.5	464.8	464.8	471.5	471.5
45°	471.5	464.8	458.0	451.3	478.2	458.0	451.3	444.6	444.6	444.6	451.3
47.5°	451.3	444.6	431.1	431.1	437.8	431.1	424.4	424.4	424.4	437.8	437.8
50°	437.8	431.1	417.6	417.6	417.6	417.6	410.9	410.9	410.9	417.6	424.4
52.5°	417.6	410.9	404.2	397.4	397.4	397.4	397.4	397.4	397.4	404.2	410.9
55°	397.4	390.7	383.9	383.9	390.7	390.7	383.9	390.7	383.9	390.7	397.4
57.5°	377.2	370.5	363.7	370.5	377.2	370.5	370.5	370.5	370.5	370.5	377.2
60°	350.3	350.3	350.3	350.3	363.7	363.7	363.7	363.7	350.3	357.0	363.7
62.5°	336.8	330.1	330.1	336.8	343.5	343.5	350.3	343.5	336.8	343.5	343.5
65°	309.9	309.9	309.9	316.6	316.6	323.3	323.3	323.3	316.6	323.3	323.3
67.5°	289.6	289.6	289.6	289.6	303.1	303.1	303.1	303.1	296.4	296.4	303.1
70°	256.0	262.7	256.0	269.4	282.9	276.2	282.9	282.9	276.2	269.4	282.9
72.5°	235.8	235.8	235.8	235.8	256.0	256.0	256.0	262.7	256.0	249.2	256.0
75°	208.8	208.8	208.8	215.5	229.0	229.0	229.0	229.0	229.0	222.3	222.3
77.5°	181.9	188.6	181.9	188.6	202.1	195.3	202.1	208.8	202.1	195.3	195.3
80°	154.9	154.9	154.9	161.7	168.4	168.4	168.4	175.1	168.4	161.7	161.7
82.5°	121.2	121.2	128.0	128.0	134.7	134.7	134.7	141.5	134.7	128.0	128.0
85°	94.3	94.3	94.3	101.0	101.0	107.8	107.8	114.5	114.5	107.8	107.8
87.5°	60.6	53.9	60.6	60.6	67.4	67.4	60.6	53.9	60.6	53.9	47.2
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8	4849.8
2.5°	4425.5	4546.7	4634.3	4694.9	4782.5	4950.9	5018.2	5139.5	5173.2	5193.4
5°	3805.8	3933.8	4122.4	4257.1	4412.0	4728.6	4971.1	5152.9	5233.8	5307.9
7.5°	2984.0	3152.4	3347.7	3522.9	3778.8	4169.5	4486.1	4863.3	5004.8	5078.9
10°	2330.6	2485.5	2701.1	2916.6	3273.6	3603.7	4055.0	4398.5	4593.9	4647.8
12.5°	1966.9	2148.7	2404.7	2667.4	2889.7	3266.9	3724.9	4223.4	4405.3	4438.9
15°	1670.5	1919.7	2182.4	2451.9	2707.8	3037.9	3529.6	4135.8	4405.3	4438.9
17.5°	1380.9	1603.1	1913.0	2202.6	2499.0	2950.3	3563.3	4209.9	4479.4	4580.4
20°	1097.9	1313.5	1556.0	1919.7	2323.9	2802.1	3637.4	4459.2	4816.2	4923.9
22.5°	909.3	1003.6	1239.4	1589.7	2067.9	2701.1	3711.5	4849.8	5227.0	5267.5
25°	794.8	862.2	1010.4	1340.4	1865.8	2633.7	3886.6	5301.1	5786.1	5786.1
27.5°	740.9	767.9	868.9	1165.3	1724.4	2573.1	4061.7	5799.6	6250.9	6345.2
30°	727.5	794.8	848.7	1037.3	1569.5	2404.7	4223.4	6190.3	6655.1	6661.8
32.5°	714.0	700.5	740.9	902.6	1380.9	2229.6	4358.1	6587.7	6951.4	6971.6
35°	559.1	586.0	653.4	794.8	1239.4	2101.6	4425.5	6803.2	7328.6	7348.8
37.5°	525.4	559.1	613.0	734.2	1145.1	1993.8	4445.7	7220.9	7726.1	7766.5
40°	511.9	538.9	579.3	680.3	1071.0	1859.1	4486.1	7652.0	8312.1	8258.2
42.5°	485.0	518.7	559.1	653.4	1010.4	1758.1	4492.8	7887.7	8621.9	8621.9
45°	478.2	498.5	545.6	653.4	943.0	1670.5	4385.1	8123.5	8978.9	8871.2
47.5°	451.3	491.7	532.1	633.2	862.2	1582.9	4257.1	8244.7	9026.1	8992.4
50°	444.6	485.0	552.3	599.5	815.0	1542.5	4230.1	8547.8	9120.4	9113.6
52.5°	431.1	471.5	572.5	572.5	754.4	1488.6	4358.1	8682.6	9140.6	9194.5
55°	410.9	471.5	532.1	525.4	700.5	1421.3	4499.6	9032.8	9497.6	9484.1
57.5°	397.4	458.0	505.2	478.2	639.9	1374.1	4708.4	9369.6	9928.7	9834.4
60°	377.2	458.0	451.3	444.6	592.8	1333.7	4883.5	9437.0	10023.0	10083.6
62.5°	363.7	478.2	397.4	410.9	552.3	1313.5	4809.4	8931.8	9895.0	9948.9
65°	350.3	410.9	363.7	377.2	538.9	1273.1	4519.8	8325.5	9342.7	9578.4
67.5°	323.3	336.8	336.8	350.3	525.4	1178.8	3927.0	7234.3	8500.7	8628.7
70°	296.4	303.1	303.1	323.3	511.9	1071.0	3240.0	6257.6	7375.8	7618.3
72.5°	269.4	269.4	269.4	296.4	471.5	983.4	2667.4	4809.4	6129.7	6298.0
75°	235.8	235.8	235.8	262.7	424.4	895.9	2101.6	3576.8	4513.0	4755.5
77.5°	208.8	208.8	202.1	235.8	370.5	727.5	1515.6	2526.0	3179.3	3381.4
80°	175.1	168.4	168.4	188.6	289.6	525.4	976.7	1785.0	2216.1	2303.7
82.5°	141.5	134.7	128.0	141.5	208.8	330.1	606.2	1246.1	1421.3	1367.4
85°	134.7	141.5	114.5	107.8	148.2	215.5	383.9	767.9	639.9	639.9
87.5°	53.9	47.2	47.2	40.4	74.1	80.8	168.4	141.5	107.8	107.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)