

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722275

Luminaire Tested: **IFLD-L-SA8B-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722275  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8B-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

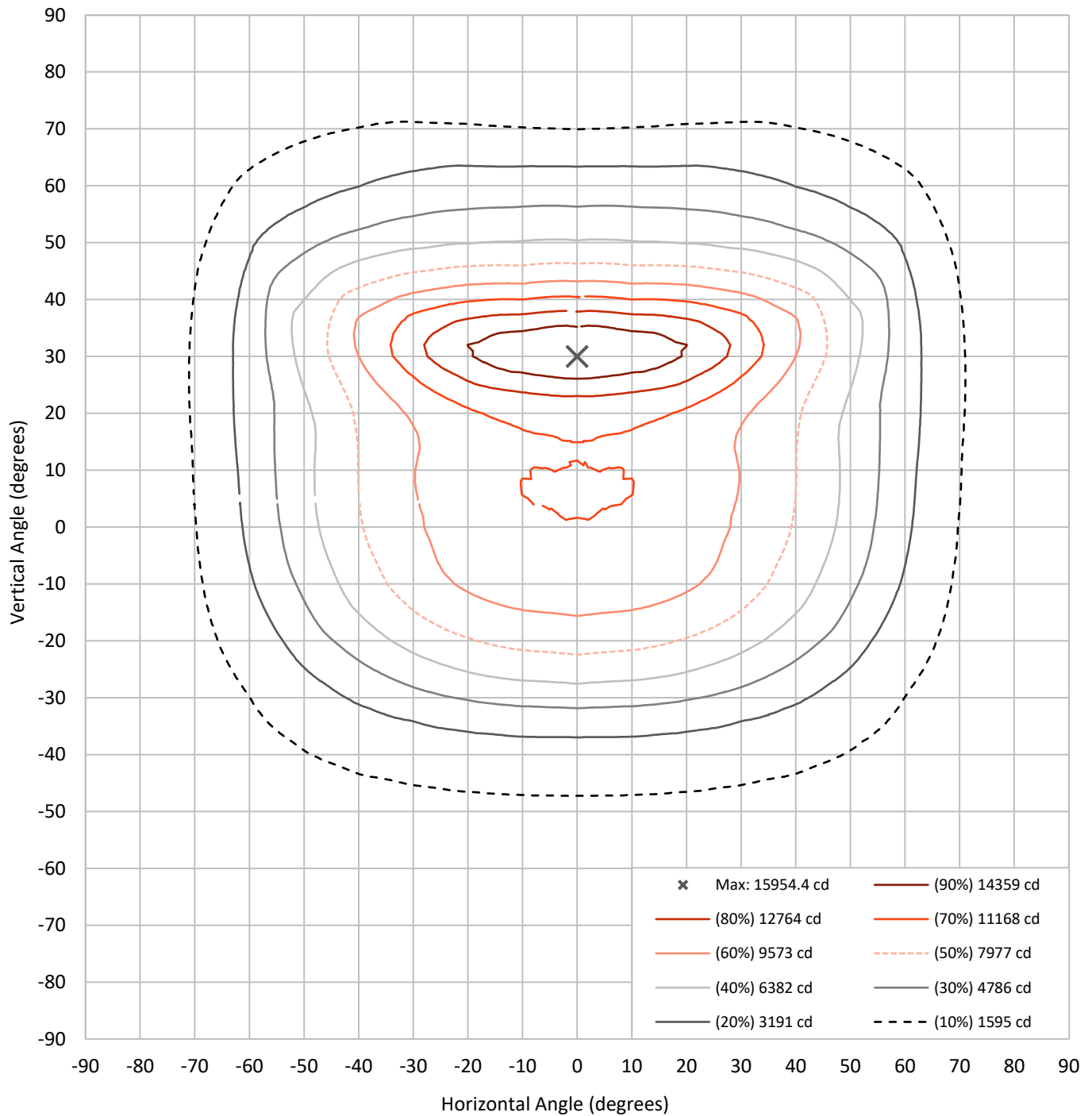
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 26631.9 lumens	Max Intensity: 15954.4 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 83.2 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 15486.8 lumens	Field Lumens: 24957.5 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 320  
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: 28.75 FT



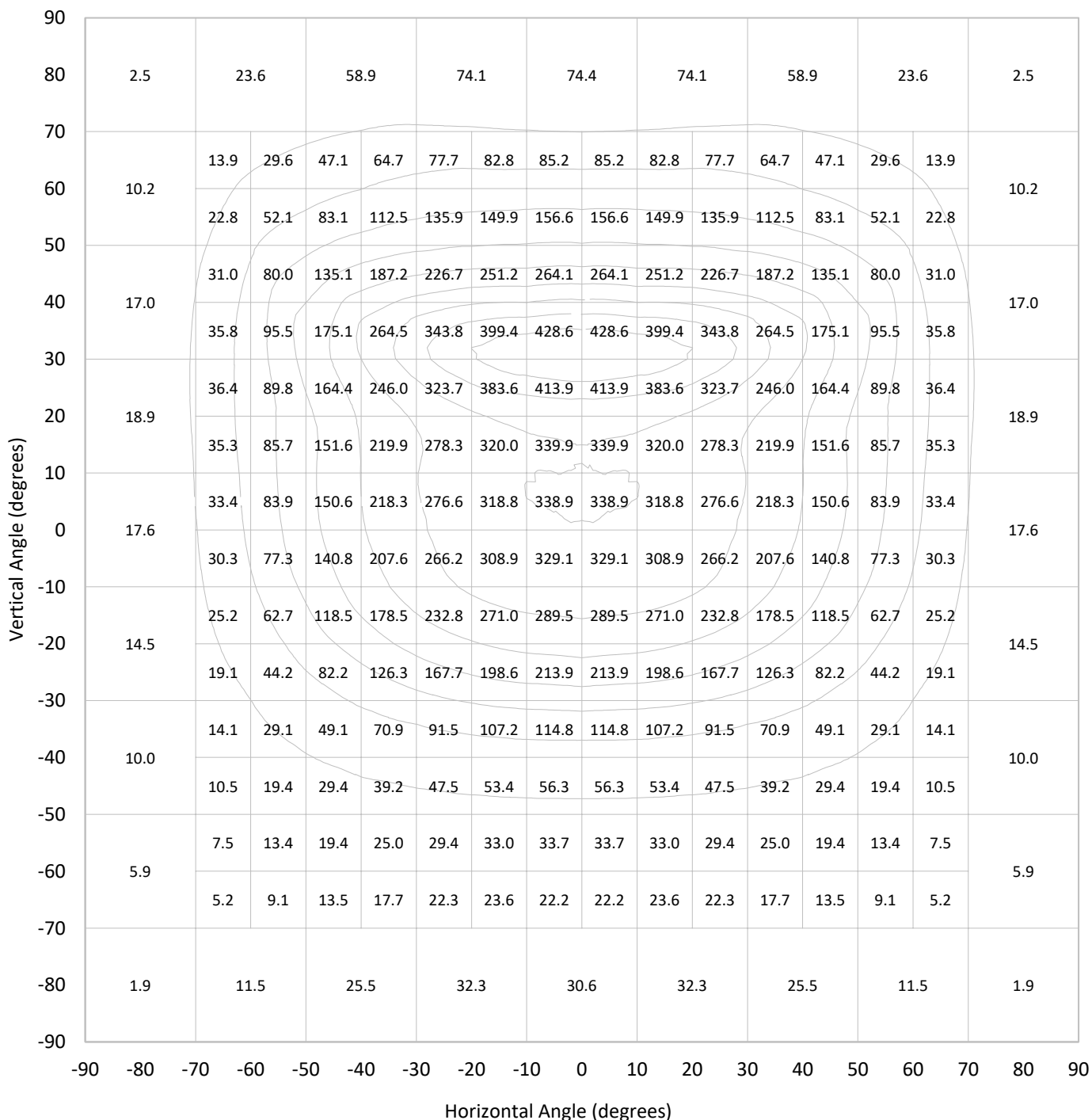
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### Iso-Candela Plot



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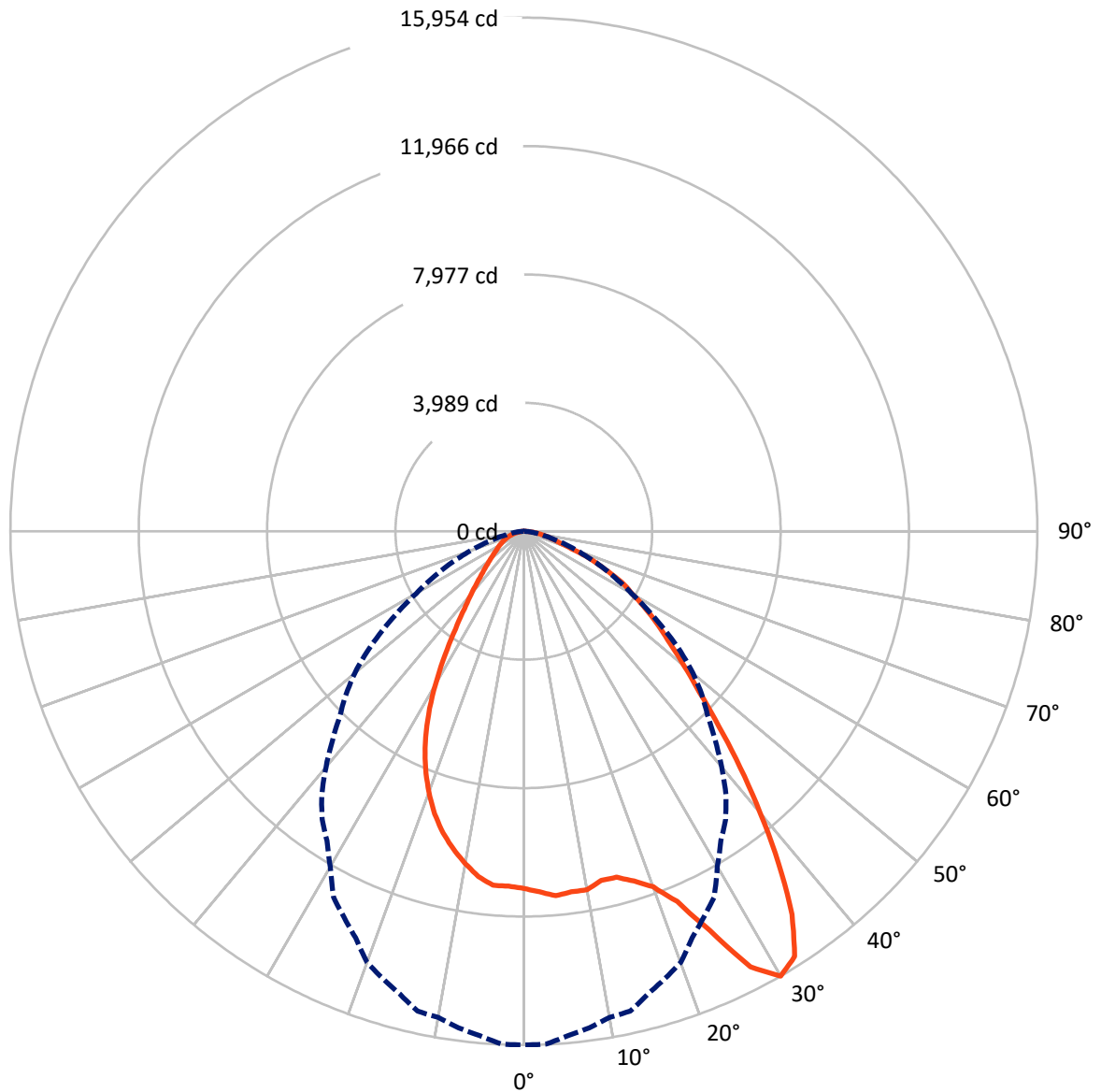
### Lumen Table



90																	
80	2.5		23.6		58.9		74.1		74.4		74.1		58.9		23.6		2.5
70																	
60	10.2	13.9	29.6	47.1	64.7	77.7	82.8	85.2	85.2	82.8	77.7	64.7	47.1	29.6	13.9		10.2
50																	
40	17.0	31.0	80.0	135.1	187.2	226.7	251.2	264.1	264.1	251.2	226.7	187.2	135.1	80.0	31.0		17.0
30																	
20	18.9	35.8	95.5	175.1	264.5	343.8	399.4	428.6	428.6	399.4	343.8	264.5	175.1	95.5	35.8		18.9
10																	
0	17.6	36.4	89.8	164.4	246.0	323.7	383.6	413.9	413.9	383.6	323.7	246.0	164.4	89.8	36.4		17.6
-10																	
-20	14.5	35.3	85.7	151.6	219.9	278.3	320.0	339.9	339.9	320.0	278.3	219.9	151.6	85.7	35.3		14.5
-30																	
-40	10.0	33.4	83.9	150.6	218.3	276.6	318.8	338.9	338.9	318.8	276.6	218.3	150.6	83.9	33.4		10.0
-50																	
-60	5.9	30.3	77.3	140.8	207.6	266.2	308.9	329.1	329.1	308.9	266.2	207.6	140.8	77.3	30.3		5.9
-70																	
-80	1.9	25.2	62.7	118.5	178.5	232.8	271.0	289.5	289.5	271.0	232.8	178.5	118.5	62.7	25.2		1.9
-90																	
		-90															
		-80															
		-70															
		-60															
		-50															
		-40															
		-30															
		-20															
		-10															
		0															
		10															
		20															
		30															
		40															
		50															
		60															
		70															
		80															
		90															

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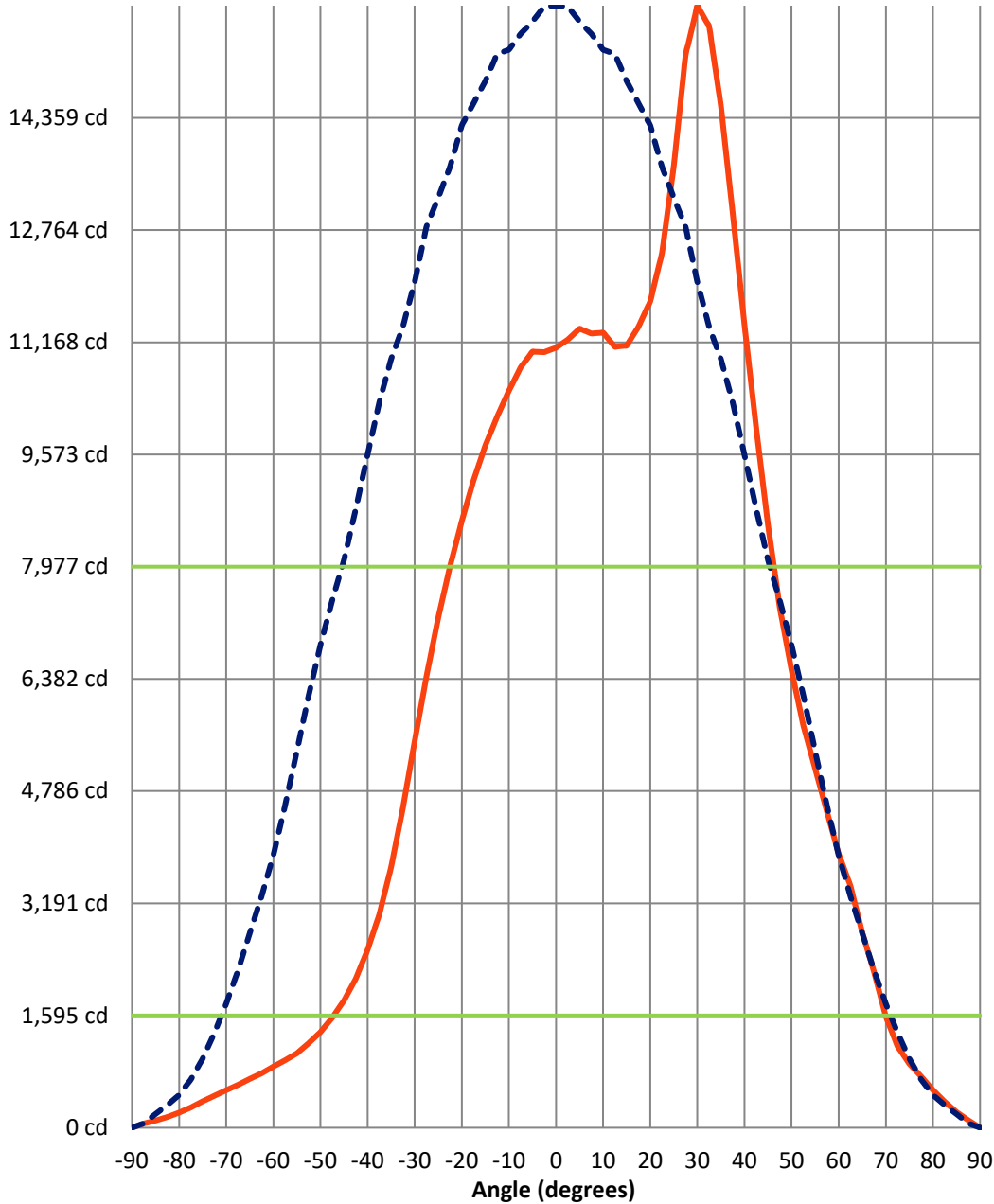
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 15486.8  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 24957.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1674.4  
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 30-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	107.2	110.0	112.9	112.9	110.0	110.0	110.0	107.2	110.0	110.0	110.0
85°	222.9	228.5	234.2	231.3	228.5	222.9	217.2	220.1	222.9	225.7	225.7
82.5°	369.6	378.1	383.7	380.9	375.2	369.6	363.9	366.8	372.4	375.2	375.2
80°	536.0	538.9	541.7	547.3	538.9	538.9	536.0	547.3	553.0	558.6	564.3
77.5°	727.9	730.7	730.7	733.5	736.4	739.2	739.2	758.9	773.0	781.5	790.0
75°	908.5	916.9	925.4	933.8	945.1	950.8	959.2	987.5	1010.0	1027.0	1043.9
72.5°	1156.7	1168.0	1182.1	1201.9	1221.6	1235.7	1255.5	1289.3	1314.7	1331.7	1351.4
70°	1582.7	1594.0	1608.1	1622.2	1642.0	1656.1	1675.8	1718.2	1743.6	1754.8	1766.1
67.5°	2214.7	2242.9	2268.3	2240.1	2226.0	2206.3	2211.9	2251.4	2276.8	2293.7	2290.9
65°	2776.2	2795.9	2795.9	2793.1	2781.8	2756.4	2770.5	2818.5	2846.7	2860.8	2818.5
62.5°	3436.3	3436.3	3422.2	3444.8	3447.6	3430.7	3422.2	3425.0	3427.9	3436.3	3365.8
60°	3893.4	3921.6	3930.1	3949.8	3955.5	3955.5	3969.6	3980.8	3980.8	3963.9	3882.1
57.5°	4497.1	4550.7	4562.0	4547.9	4519.7	4483.0	4477.4	4460.5	4426.6	4392.8	4353.3
55°	5106.5	5134.8	5131.9	5123.5	5095.3	5052.9	5058.6	5036.0	4982.4	4940.1	4886.5
52.5°	5718.8	5786.5	5797.8	5780.8	5741.3	5696.2	5699.0	5673.6	5620.0	5574.9	5501.5
50°	6500.3	6556.7	6551.0	6522.8	6466.4	6432.5	6435.4	6387.4	6325.3	6311.2	6215.3
47.5°	7394.6	7459.5	7448.2	7408.7	7332.5	7318.4	7332.5	7270.5	7233.8	7202.8	7089.9
45°	8568.3	8644.4	8602.1	8525.9	8404.6	8418.7	8438.5	8427.2	8348.2	8266.4	8122.5
42.5°	9945.1	9993.0	9942.2	9866.1	9713.7	9741.9	9730.6	9662.9	9615.0	9479.5	9296.2
40°	11417.8	11522.2	11443.2	11324.7	11166.7	11209.0	11178.0	11090.5	10977.6	10808.4	10577.0
37.5°	13006.2	13088.0	12997.7	12859.5	12718.4	12704.3	12642.2	12506.8	12346.0	12159.8	11790.2
35°	14526.8	14738.4	14572.0	14351.9	14179.8	14114.9	14055.7	13742.5	13559.1	13257.3	12752.2
32.5°	15658.2	15813.3	15607.4	15378.9	15170.1	15079.8	14871.0	14498.6	14399.9	13765.1	13302.4
30°	15954.4	15943.1	15728.7	15553.8	15328.1	15266.0	14882.3	14566.3	14250.3	13663.5	13223.4
27.5°	15249.1	15178.6	14972.6	14820.2	14597.4	14524.0	14146.0	13976.7	13488.6	12992.1	12619.6
25°	13677.6	13714.3	13559.1	13483.0	13336.2	13178.3	13028.7	12800.2	12495.5	12061.0	11719.6
22.5°	12439.1	12487.0	12422.2	12331.9	12219.0	12131.6	12018.7	11841.0	11547.6	11279.5	10957.9
20°	11750.7	11736.6	11680.2	11612.4	11505.2	11443.2	11319.0	11169.5	10943.8	10712.4	10365.4
17.5°	11389.6	11302.1	11248.5	11223.1	11166.7	11087.7	10941.0	10788.6	10613.7	10351.3	10097.4
15°	11121.5	11135.6	11093.3	11073.6	11028.4	10918.4	10768.9	10644.7	10407.7	10275.1	10043.8
12.5°	11104.6	11090.5	11093.3	11084.9	11028.4	10887.4	10811.2	10653.2	10500.9	10325.9	10060.7
10°	11304.9	11155.4	11166.7	11206.2	11115.9	11003.0	10921.2	10749.1	10605.2	10382.4	10120.0
7.5°	11293.6	11217.5	11240.0	11175.1	11203.4	11065.1	10952.3	10780.2	10599.6	10362.6	10125.6
5°	11361.3	11245.7	11225.9	11231.6	11161.0	11056.6	10904.3	10740.7	10571.4	10306.2	10063.6
2.5°	11206.2	11223.1	11132.8	11099.0	11090.5	10915.6	10774.5	10616.5	10441.6	10207.4	9990.2
0°	11090.5	11121.5	11028.4	10980.5	10977.6	10828.1	10737.8	10557.3	10433.1	10238.5	9976.1
-2.5°	11028.4	11065.1	11076.4	10988.9	10904.3	10788.6	10636.3	10441.6	10238.5	10012.8	9787.1
-5°	11034.1	10960.7	10929.7	10957.9	10884.5	10768.9	10599.6	10427.5	10227.2	9984.6	9702.4
-7.5°	10811.2	10737.8	10732.2	10718.1	10701.2	10591.1	10450.1	10263.9	10060.7	9835.0	9572.6
-10°	10478.3	10424.7	10410.6	10396.5	10351.3	10286.4	10153.8	9984.6	9801.2	9575.5	9296.2
-12.5°	10108.7	10083.3	10029.7	9993.0	9947.9	9871.7	9744.7	9589.6	9406.2	9205.9	8966.1
-15°	9699.6	9651.6	9598.0	9567.0	9502.1	9411.8	9284.9	9141.0	8940.7	8743.2	8517.5
-17.5°	9205.9	9146.6	9087.4	9078.9	9033.8	8895.5	8777.0	8602.1	8427.2	8238.2	8018.1
-20°	8624.7	8542.9	8503.4	8480.8	8418.7	8317.2	8190.2	8029.4	7860.1	7679.6	7425.6



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	7981.4	7910.9	7843.2	7800.9	7747.3	7668.3	7547.0	7405.9	7239.4	7036.3	6802.1
-25°	7250.7	7152.0	7109.7	7061.7	7033.5	6960.1	6841.6	6711.9	6539.8	6342.3	6119.4
-27.5°	6415.6	6336.6	6314.1	6246.3	6212.5	6136.3	6037.6	5916.3	5758.3	5572.1	5388.7
-30°	5493.1	5445.1	5408.4	5340.7	5315.3	5233.5	5168.6	5067.0	4923.2	4790.6	4643.8
-32.5°	4545.1	4497.1	4485.9	4454.8	4437.9	4384.3	4310.9	4237.6	4121.9	4023.2	3904.7
-35°	3704.4	3670.5	3673.3	3670.5	3653.6	3614.1	3523.8	3504.0	3419.4	3329.1	3253.0
-37.5°	3032.9	3035.7	3032.9	3030.1	3007.5	2990.6	2925.7	2900.3	2849.5	2762.0	2716.9
-40°	2527.9	2533.5	2530.7	2525.1	2499.7	2491.2	2448.9	2415.0	2395.3	2333.2	2285.2
-42.5°	2118.8	2127.3	2124.4	2121.6	2104.7	2101.9	2079.3	2039.8	2028.5	1991.8	1941.0
-45°	1808.4	1805.6	1800.0	1805.6	1797.2	1788.7	1774.6	1749.2	1735.1	1718.2	1675.8
-47.5°	1563.0	1565.8	1560.2	1560.2	1548.9	1540.4	1534.8	1517.9	1506.6	1492.5	1467.1
-50°	1359.9	1371.1	1368.3	1365.5	1357.0	1351.4	1351.4	1334.5	1317.5	1311.9	1295.0
-52.5°	1201.9	1210.3	1213.2	1218.8	1221.6	1224.4	1216.0	1199.0	1170.8	1168.0	1159.6
-55°	1058.0	1083.4	1100.3	1111.6	1122.9	1131.3	1114.4	1091.8	1063.6	1052.3	1049.5
-57.5°	959.2	984.6	1004.4	1021.3	1035.4	1049.5	1032.6	1010.0	984.6	970.5	967.7
-60°	869.0	891.5	911.3	933.8	953.6	976.2	967.7	950.8	936.7	925.4	914.1
-62.5°	773.0	795.6	818.2	846.4	871.8	894.3	897.2	894.3	891.5	894.3	874.6
-65°	694.0	705.3	719.4	750.5	778.7	804.1	818.2	826.6	840.7	854.9	835.1
-67.5°	609.4	623.5	640.4	663.0	685.6	702.5	722.3	744.8	767.4	790.0	775.9
-70°	533.2	544.5	558.6	569.9	584.0	595.3	612.2	637.6	663.0	685.6	679.9
-72.5°	454.2	465.5	474.0	479.6	488.1	493.7	502.2	524.8	541.7	553.0	553.0
-75°	375.2	386.5	395.0	397.8	403.4	406.3	411.9	420.4	428.8	431.7	434.5
-77.5°	287.8	299.1	307.5	313.2	318.8	324.4	327.3	332.9	335.7	335.7	338.6
-80°	214.4	222.9	228.5	237.0	239.8	245.5	251.1	253.9	256.7	256.7	259.6
-82.5°	152.3	158.0	163.6	169.3	174.9	177.7	183.4	186.2	189.0	191.8	194.7
-85°	101.6	107.2	112.9	118.5	121.3	124.1	127.0	129.8	132.6	135.4	138.2
-87.5°	59.2	62.1	64.9	70.5	73.4	79.0	81.8	79.0	81.8	81.8	81.8
-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):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	110.0	110.0	110.0	110.0	107.2	101.6	98.7	93.1	87.5	81.8	76.2
85°	228.5	231.3	231.3	231.3	225.7	222.9	214.4	206.0	194.7	177.7	163.6
82.5°	380.9	383.7	383.7	380.9	375.2	366.8	355.5	341.4	318.8	296.2	276.5
80°	572.7	575.5	575.5	572.7	558.6	544.5	530.4	513.5	485.3	454.2	420.4
77.5°	801.2	806.9	806.9	798.4	778.7	761.7	739.2	711.0	668.6	623.5	578.4
75°	1066.4	1080.6	1083.4	1074.9	1049.5	1018.5	981.8	933.8	869.0	812.5	758.9
72.5°	1374.0	1388.1	1399.4	1388.1	1351.4	1309.1	1255.5	1199.0	1134.2	1058.0	967.7
70°	1777.4	1791.5	1800.0	1763.3	1698.4	1627.9	1563.0	1498.1	1421.9	1328.8	1230.1
67.5°	2285.2	2271.1	2254.2	2180.9	2099.0	2014.4	1924.1	1828.2	1729.5	1630.7	1515.0
65°	2773.3	2733.8	2697.2	2609.7	2505.3	2395.3	2290.9	2183.7	2065.2	1941.0	1831.0
62.5°	3286.8	3202.2	3111.9	3004.7	2897.5	2776.2	2671.8	2544.8	2412.2	2259.9	2118.8
60°	3791.8	3690.3	3600.0	3467.4	3326.3	3162.7	3049.8	2925.7	2770.5	2606.9	2440.4
57.5°	4279.9	4169.9	4071.1	3955.5	3803.1	3625.4	3501.2	3340.4	3176.8	2970.8	2801.5
55°	4799.0	4689.0	4610.0	4480.2	4313.8	4150.1	4014.7	3845.4	3616.9	3396.8	3188.1
52.5°	5394.3	5306.9	5222.2	5089.6	4889.3	4722.8	4573.3	4384.3	4144.5	3873.6	3622.5
50°	6060.1	6015.0	5924.7	5769.5	5541.0	5394.3	5196.8	4945.7	4689.0	4404.0	4090.9
47.5°	6943.2	6869.8	6742.9	6573.6	6381.8	6161.7	5896.5	5603.1	5239.1	4923.2	4590.2
45°	7998.4	7862.9	7699.3	7470.8	7233.8	6985.5	6694.9	6322.5	5834.4	5422.5	5072.7
42.5°	9141.0	8957.6	8734.7	8435.7	8128.1	7823.4	7510.3	7002.4	6393.0	5919.1	5524.1
40°	10334.4	10100.2	9820.9	9386.4	9045.1	8652.9	8294.6	7535.7	6886.8	6373.3	5952.9
37.5°	11502.4	11206.2	10737.8	10210.3	9812.5	9490.8	8703.7	7891.2	7310.0	6745.7	6319.7
35°	12396.8	12145.7	11319.0	10771.7	10430.3	9922.5	8937.9	8105.6	7490.5	7022.2	6359.2
32.5°	12927.2	12278.3	11553.2	11000.2	10718.1	9885.8	8954.8	8167.6	7575.2	7050.4	6257.6
30°	12808.7	12024.3	11389.6	10926.9	10314.6	9567.0	8796.8	8071.7	7496.2	6861.4	6144.8
27.5°	12094.9	11488.3	10921.2	10438.8	9837.8	9166.4	8455.4	7817.8	7281.8	6666.7	5989.6
25°	11288.0	10737.8	10317.5	9897.1	9327.2	8686.8	8060.4	7600.6	7061.7	6455.1	5786.5
22.5°	10546.0	10151.0	9820.9	9380.8	8825.0	8266.4	7877.0	7400.3	6847.3	6232.2	5577.7
20°	10072.0	9804.0	9425.9	8940.7	8503.4	8153.5	7721.9	7216.9	6647.0	6003.7	5400.0
17.5°	9843.5	9533.1	9112.8	8796.8	8461.1	8077.4	7594.9	7058.9	6452.3	5899.3	5419.7
15°	9725.0	9397.7	9121.2	8810.9	8432.8	8029.4	7493.4	6937.6	6452.3	5941.6	5433.8
12.5°	9750.4	9468.3	9166.4	8827.8	8421.6	7989.9	7504.6	6988.3	6486.2	5972.7	5436.6
10°	9829.4	9533.1	9211.5	8836.3	8427.2	8001.2	7535.7	7019.4	6503.1	5986.8	5431.0
7.5°	9857.6	9536.0	9191.8	8813.7	8413.1	7995.5	7541.3	7027.8	6505.9	5984.0	5414.1
5°	9770.1	9479.5	9146.6	8765.8	8373.6	7967.3	7518.7	7016.6	6483.3	5955.7	5371.7
2.5°	9651.6	9417.5	9098.7	8731.9	8334.1	7927.8	7482.1	6965.8	6432.5	5905.0	5318.1
0°	9631.9	9341.3	9019.7	8692.4	8269.2	7840.4	7397.4	6869.8	6339.4	5809.0	5225.0
-2.5°	9502.1	9194.6	8873.0	8517.5	8145.1	7713.4	7247.9	6731.6	6206.8	5684.9	5123.5
-5°	9403.4	9062.0	8720.6	8336.9	7961.7	7530.0	7047.6	6545.4	6031.9	5524.1	4982.4
-7.5°	9270.8	8920.9	8562.6	8162.0	7755.7	7315.6	6838.8	6336.6	5831.6	5326.6	4807.5
-10°	9002.7	8695.2	8359.5	7944.8	7515.9	7075.8	6601.8	6108.1	5603.1	5092.4	4570.5
-12.5°	8678.3	8353.8	7987.1	7606.2	7222.5	6813.4	6339.4	5854.2	5346.3	4832.9	4313.8
-15°	8257.9	7939.1	7563.9	7191.5	6821.9	6429.7	6012.2	5574.9	5058.6	4553.6	4034.4
-17.5°	7733.2	7434.1	7098.4	6742.9	6376.1	5981.1	5574.9	5205.3	4722.8	4248.9	3735.4
-20°	7168.9	6889.6	6587.7	6252.0	5885.2	5498.7	5115.0	4728.5	4310.9	3893.4	3416.6



REPORT NUMBER: P722275  
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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6582.1	6299.9	5995.2	5682.1	5343.5	4985.2	4629.7	4260.2	3893.4	3515.3	3111.9
-25°	5905.0	5656.7	5377.4	5072.7	4770.8	4457.6	4119.1	3783.4	3470.2	3142.9	2812.8
-27.5°	5196.8	4968.3	4714.4	4449.2	4189.6	3927.2	3633.8	3323.5	3063.9	2793.1	2519.4
-30°	4452.0	4268.6	4062.7	3831.3	3631.0	3419.4	3174.0	2917.2	2680.2	2474.3	2254.2
-32.5°	3746.7	3591.5	3444.8	3292.4	3095.0	2931.3	2762.0	2573.0	2364.2	2169.6	2011.6
-35°	3140.1	2973.6	2911.6	2798.7	2657.7	2513.8	2389.6	2254.2	2096.2	1924.1	1794.3
-37.5°	2629.4	2530.7	2443.2	2381.2	2288.1	2172.4	2073.7	1974.9	1853.6	1723.8	1594.0
-40°	2231.6	2163.9	2068.0	2037.0	1977.7	1898.7	1797.2	1721.0	1639.2	1540.4	1430.4
-42.5°	1912.8	1862.1	1800.0	1746.4	1721.0	1664.6	1585.6	1512.2	1447.3	1379.6	1295.0
-45°	1650.5	1616.6	1577.1	1529.1	1509.4	1464.3	1407.8	1326.0	1289.3	1232.9	1170.8
-47.5°	1438.9	1421.9	1393.7	1362.7	1334.5	1300.6	1249.8	1199.0	1148.3	1111.6	1063.6
-50°	1272.4	1261.1	1244.2	1218.8	1182.1	1159.6	1125.7	1080.6	1032.6	1001.6	967.7
-52.5°	1139.8	1128.5	1117.2	1097.5	1069.3	1046.7	1018.5	981.8	942.3	911.3	883.1
-55°	1038.2	1021.3	1012.8	995.9	973.3	948.0	922.6	897.2	863.3	835.1	806.9
-57.5°	959.2	936.7	925.4	911.3	888.7	863.3	843.6	818.2	795.6	764.6	739.2
-60°	897.2	871.8	849.2	835.1	815.4	790.0	770.2	750.5	727.9	702.5	671.5
-62.5°	846.4	815.4	784.3	767.4	747.6	725.1	705.3	685.6	663.0	637.6	609.4
-65°	798.4	761.7	722.3	705.3	685.6	663.0	637.6	623.5	603.8	581.2	553.0
-67.5°	739.2	699.7	665.8	646.1	626.3	606.6	584.0	569.9	550.2	521.9	493.7
-70°	651.7	626.3	603.8	586.8	569.9	553.0	530.4	507.8	485.3	459.9	434.5
-72.5°	541.7	533.2	530.4	521.9	502.2	482.4	459.9	437.3	417.6	397.8	378.1
-75°	437.3	442.9	448.6	445.8	426.0	406.3	386.5	366.8	352.7	335.7	318.8
-77.5°	347.0	352.7	358.3	358.3	344.2	332.9	318.8	304.7	293.4	279.3	262.4
-80°	268.0	276.5	285.0	290.6	279.3	270.8	259.6	248.3	237.0	225.7	214.4
-82.5°	203.1	211.6	220.1	225.7	217.2	211.6	203.1	194.7	186.2	174.9	166.5
-85°	146.7	152.3	158.0	160.8	155.2	149.5	143.9	138.2	132.6	124.1	118.5
-87.5°	84.6	87.5	90.3	93.1	87.5	81.8	79.0	73.4	70.5	64.9	62.1
-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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 CATALOG NUMBER: IFLD-L-SA8B-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	70.5	64.9	59.2	56.4	50.8	42.3	36.7	31.0	25.4	19.7	16.9
85°	149.5	135.4	118.5	110.0	98.7	87.5	76.2	64.9	53.6	42.3	31.0
82.5°	256.7	239.8	222.9	203.1	177.7	146.7	115.7	95.9	79.0	62.1	48.0
80°	386.5	355.5	327.3	301.9	273.7	234.2	191.8	152.3	107.2	81.8	62.1
77.5°	536.0	499.4	459.9	417.6	372.4	318.8	270.8	220.1	166.5	112.9	79.0
75°	705.3	657.4	603.8	544.5	485.3	414.7	347.0	287.8	225.7	158.0	95.9
72.5°	894.3	835.1	770.2	691.2	598.1	516.3	434.5	355.5	282.1	200.3	129.8
70°	1137.0	1043.9	948.0	863.3	744.8	615.0	519.1	428.8	335.7	245.5	163.6
67.5°	1396.5	1283.7	1168.0	1043.9	894.3	742.0	603.8	502.2	392.2	287.8	194.7
65°	1678.7	1537.6	1390.9	1252.7	1046.7	866.1	711.0	572.7	445.8	327.3	225.7
62.5°	1969.3	1802.8	1633.5	1453.0	1216.0	993.1	812.5	651.7	496.5	363.9	253.9
60°	2279.6	2084.9	1879.0	1653.3	1376.8	1131.3	908.5	733.5	550.2	400.6	285.0
57.5°	2606.9	2395.3	2152.6	1847.9	1543.2	1263.9	1018.5	806.9	598.1	434.5	307.5
55°	2962.4	2719.7	2454.5	2051.1	1706.9	1396.5	1128.5	880.2	648.9	462.7	330.1
52.5°	3346.1	3063.9	2728.2	2265.5	1879.0	1532.0	1230.1	945.1	696.9	493.7	349.8
50°	3774.9	3419.4	2968.0	2463.0	2028.5	1658.9	1331.7	1015.7	736.4	527.6	366.8
47.5°	4220.7	3837.0	3182.4	2646.4	2180.9	1783.1	1436.0	1077.7	775.9	555.8	383.7
45°	4686.2	4127.6	3405.3	2810.0	2313.5	1895.9	1515.0	1134.2	823.8	581.2	397.8
42.5°	5146.0	4347.6	3600.0	2973.6	2437.6	1997.5	1579.9	1187.8	863.3	606.6	411.9
40°	5363.3	4514.1	3755.1	3086.5	2542.0	2087.8	1636.3	1235.7	897.2	623.5	426.0
37.5°	5453.6	4615.6	3856.7	3193.7	2623.8	2135.7	1684.3	1278.0	925.4	640.4	437.3
35°	5473.3	4652.3	3907.5	3267.1	2691.5	2180.9	1721.0	1309.1	948.0	657.4	448.6
32.5°	5436.6	4641.0	3921.6	3292.4	2733.8	2214.7	1746.4	1331.7	964.9	674.3	459.9
30°	5354.8	4581.8	3870.8	3289.6	2764.9	2234.5	1763.3	1348.6	981.8	685.6	465.5
27.5°	5222.2	4477.4	3805.9	3292.4	2781.8	2242.9	1771.8	1357.0	993.1	694.0	476.8
25°	5058.6	4336.3	3808.7	3286.8	2784.6	2245.7	1771.8	1357.0	995.9	696.9	485.3
22.5°	4869.6	4336.3	3808.7	3278.3	2767.7	2240.1	1763.3	1351.4	995.9	702.5	493.7
20°	4880.8	4339.1	3800.3	3261.4	2742.3	2223.2	1743.6	1337.3	987.5	711.0	499.4
17.5°	4889.3	4333.5	3783.4	3238.8	2708.4	2195.0	1718.2	1317.5	987.5	719.4	502.2
15°	4889.3	4316.6	3758.0	3205.0	2666.1	2155.5	1681.5	1300.6	990.3	722.3	507.8
12.5°	4880.8	4285.5	3718.5	3159.8	2615.3	2107.5	1658.9	1295.0	990.3	725.1	507.8
10°	4863.9	4243.2	3667.7	3103.4	2567.4	2090.6	1647.6	1283.7	984.6	725.1	507.8
7.5°	4832.9	4192.4	3625.4	3069.6	2539.2	2070.8	1630.7	1266.8	976.2	719.4	513.5
5°	4784.9	4164.2	3591.5	3030.1	2499.7	2056.7	1619.4	1252.7	970.5	719.4	507.8
2.5°	4722.8	4130.4	3552.0	2979.3	2454.5	2008.8	1582.7	1221.6	950.8	708.1	502.2
0°	4621.3	4062.7	3484.3	2908.8	2392.5	1960.8	1546.1	1190.6	931.0	696.9	496.5
-2.5°	4528.2	3972.4	3396.8	2835.4	2333.2	1918.5	1517.9	1173.7	922.6	694.0	493.7
-5°	4398.4	3848.2	3281.2	2739.5	2254.2	1876.2	1489.6	1153.9	914.1	688.4	493.7
-7.5°	4254.5	3718.5	3159.8	2640.7	2175.2	1802.8	1436.0	1122.9	894.3	677.1	490.9
-10°	4031.6	3523.8	3007.5	2527.9	2090.6	1737.9	1390.9	1094.7	877.4	665.8	479.6
-12.5°	3794.6	3309.4	2832.6	2389.6	1994.7	1670.2	1340.1	1063.6	857.7	654.5	474.0
-15°	3543.5	3089.3	2649.2	2245.7	1890.3	1588.4	1286.5	1029.8	837.9	640.4	465.5
-17.5°	3281.2	2858.0	2460.2	2099.0	1785.9	1503.7	1230.1	998.7	815.4	626.3	457.0
-20°	3004.7	2621.0	2268.3	1949.5	1675.8	1419.1	1170.8	962.1	790.0	609.4	445.8



REPORT NUMBER: P722275  
 CATALOG NUMBER: IFLD-L-SA8B-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2731.0	2386.8	2070.8	1802.8	1563.0	1331.7	1111.6	925.4	761.7	589.7	437.3
-25°	2488.4	2166.8	1895.9	1661.7	1453.0	1247.0	1049.5	888.7	730.7	569.9	426.0
-27.5°	2251.4	1977.7	1723.8	1529.1	1345.8	1165.2	990.3	849.2	699.7	547.3	414.7
-30°	2031.3	1797.2	1588.4	1399.4	1244.2	1091.8	939.5	809.7	665.8	524.8	400.6
-32.5°	1831.0	1642.0	1467.1	1286.5	1148.3	1018.5	891.5	770.2	632.0	502.2	386.5
-35°	1644.8	1498.1	1345.8	1193.4	1052.3	950.8	840.7	727.9	600.9	476.8	372.4
-37.5°	1478.4	1359.9	1238.5	1108.8	987.5	885.9	792.8	685.6	569.9	454.2	358.3
-40°	1334.5	1238.5	1131.3	1027.0	925.4	829.5	744.8	643.3	538.9	437.3	344.2
-42.5°	1201.9	1128.5	1041.1	953.6	863.3	778.7	696.9	598.1	507.8	417.6	330.1
-45°	1100.3	1027.0	956.4	877.4	801.2	727.9	646.1	558.6	479.6	395.0	316.0
-47.5°	1004.4	939.5	874.6	809.7	747.6	679.9	598.1	524.8	448.6	375.2	304.7
-50°	919.7	857.7	801.2	744.8	691.2	626.3	550.2	490.9	423.2	355.5	290.6
-52.5°	840.7	787.1	730.7	685.6	640.4	575.5	513.5	457.0	397.8	332.9	276.5
-55°	770.2	719.4	668.6	626.3	584.0	527.6	476.8	428.8	372.4	316.0	262.4
-57.5°	702.5	660.2	612.2	572.7	530.4	485.3	442.9	397.8	347.0	299.1	248.3
-60°	640.4	600.9	558.6	519.1	482.4	445.8	406.3	369.6	324.4	279.3	234.2
-62.5°	578.4	544.5	507.8	468.3	440.1	406.3	375.2	338.6	301.9	262.4	208.8
-65°	521.9	490.9	457.0	423.2	397.8	372.4	344.2	310.3	279.3	242.6	186.2
-67.5°	465.5	437.3	409.1	380.9	358.3	338.6	310.3	285.0	259.6	220.1	163.6
-70°	411.9	389.3	363.9	341.4	324.4	301.9	282.1	259.6	237.0	191.8	138.2
-72.5°	361.1	338.6	318.8	301.9	287.8	268.0	251.1	234.2	203.1	160.8	115.7
-75°	301.9	287.8	276.5	262.4	248.3	234.2	220.1	200.3	169.3	129.8	90.3
-77.5°	248.3	239.8	231.3	220.1	208.8	197.5	180.6	160.8	135.4	101.6	73.4
-80°	203.1	194.7	189.0	177.7	169.3	158.0	141.1	124.1	98.7	79.0	59.2
-82.5°	155.2	149.5	143.9	138.2	129.8	118.5	101.6	87.5	73.4	59.2	45.1
-85°	110.0	107.2	101.6	95.9	87.5	79.0	67.7	59.2	50.8	39.5	31.0
-87.5°	56.4	53.6	50.8	48.0	45.1	39.5	33.9	28.2	25.4	19.7	14.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722275

CATALOG NUMBER: IFLD-L-SA8B-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.3	8.5	2.8	0.0
85°	22.6	14.1	5.6	0.0
82.5°	33.9	22.6	8.5	0.0
80°	45.1	28.2	14.1	0.0
77.5°	56.4	33.9	16.9	0.0
75°	67.7	42.3	19.7	0.0
72.5°	76.2	48.0	22.6	0.0
70°	90.3	56.4	25.4	0.0
67.5°	112.9	62.1	28.2	0.0
65°	132.6	67.7	31.0	0.0
62.5°	155.2	73.4	33.9	0.0
60°	174.9	79.0	36.7	0.0
57.5°	194.7	93.1	39.5	0.0
55°	211.6	104.4	42.3	0.0
52.5°	231.3	115.7	45.1	0.0
50°	248.3	127.0	48.0	0.0
47.5°	262.4	138.2	48.0	0.0
45°	273.7	146.7	50.8	0.0
42.5°	282.1	155.2	53.6	0.0
40°	290.6	163.6	56.4	0.0
37.5°	299.1	172.1	56.4	0.0
35°	307.5	180.6	59.2	0.0
32.5°	316.0	189.0	59.2	0.0
30°	321.6	194.7	62.1	0.0
27.5°	330.1	200.3	62.1	0.0
25°	332.9	206.0	64.9	0.0
22.5°	338.6	208.8	64.9	0.0
20°	344.2	214.4	64.9	0.0
17.5°	347.0	217.2	67.7	0.0
15°	347.0	220.1	70.5	0.0
12.5°	349.8	222.9	70.5	0.0
10°	349.8	228.5	67.7	0.0
7.5°	355.5	225.7	67.7	0.0
5°	352.7	225.7	67.7	0.0
2.5°	349.8	222.9	67.7	0.0
0°	347.0	222.9	67.7	0.0
-2.5°	347.0	222.9	67.7	0.0
-5°	347.0	222.9	67.7	0.0
-7.5°	344.2	225.7	67.7	0.0
-10°	338.6	225.7	67.7	0.0
-12.5°	335.7	217.2	67.7	0.0
-15°	332.9	214.4	67.7	0.0
-17.5°	327.3	211.6	64.9	0.0
-20°	321.6	208.8	64.9	0.0



REPORT NUMBER: P722275

CATALOG NUMBER: IFLD-L-SA8B-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	316.0	203.1	64.9	0.0
-25°	310.3	197.5	62.1	0.0
-27.5°	304.7	191.8	62.1	0.0
-30°	296.2	186.2	59.2	0.0
-32.5°	287.8	180.6	59.2	0.0
-35°	282.1	172.1	56.4	0.0
-37.5°	273.7	163.6	56.4	0.0
-40°	265.2	155.2	53.6	0.0
-42.5°	256.7	146.7	50.8	0.0
-45°	245.5	138.2	50.8	0.0
-47.5°	237.0	129.8	48.0	0.0
-50°	222.9	118.5	45.1	0.0
-52.5°	206.0	107.2	42.3	0.0
-55°	189.0	98.7	39.5	0.0
-57.5°	172.1	87.5	39.5	0.0
-60°	155.2	76.2	36.7	0.0
-62.5°	138.2	70.5	33.9	0.0
-65°	121.3	64.9	31.0	0.0
-67.5°	101.6	56.4	28.2	0.0
-70°	84.6	50.8	25.4	0.0
-72.5°	73.4	45.1	22.6	0.0
-75°	62.1	39.5	19.7	0.0
-77.5°	53.6	33.9	16.9	0.0
-80°	42.3	25.4	11.3	0.0
-82.5°	31.0	19.7	8.5	0.0
-85°	19.7	14.1	5.6	0.0
-87.5°	11.3	5.6	2.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)