

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: P571642

Luminaire Tested: **UFLD-CA2-130-722-U-66-TS2\_UFLD**

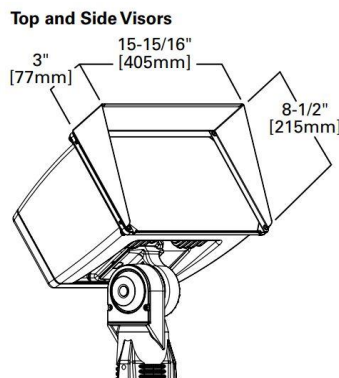
Issue Date: 9/21/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P571642  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-378-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 9/21/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: UFLD-CA2-130-722-U-66-TS2\_UFLD  
Description: FLOOD LIGHT, 6x6 OPTIC WITH TOP AND SIDE VISOR  
Light Source: (2) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

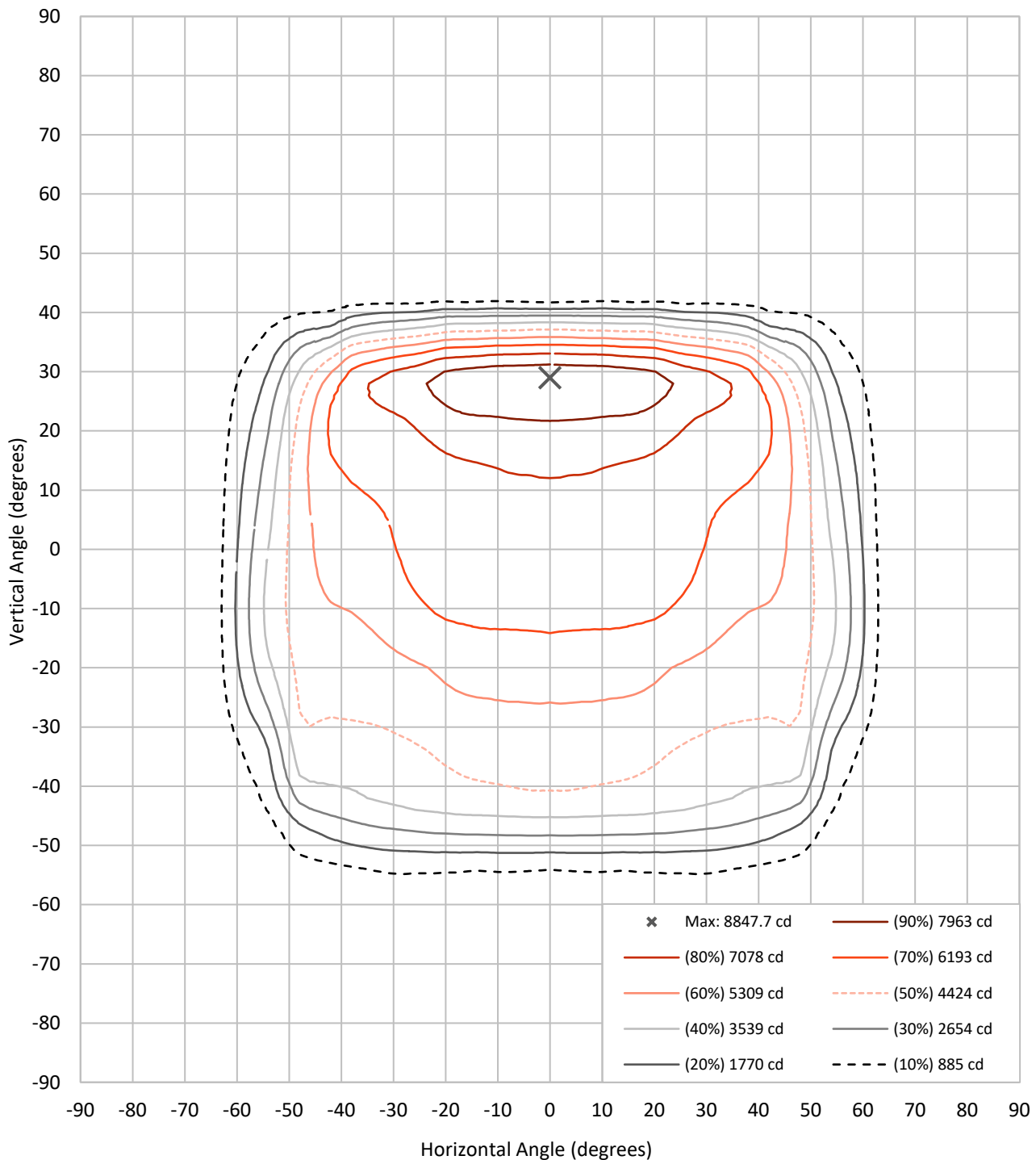
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	14623 lumens	Max Intensity:	8847.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 29°V
Efficacy:	110.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.25' x L: 0.67' x H: 0')		
Beam Angle (50%):	91.9°H x 77.9°V	Field Angle (10%):	119.5°H x 95.8°V
Beam Lumens:	11257.8 lumens	Field Lumens:	14249.5 lumens
Beam Efficiency:	77.0%	Field Efficiency:	97.4%
Input Watts (W):	132.7		
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		



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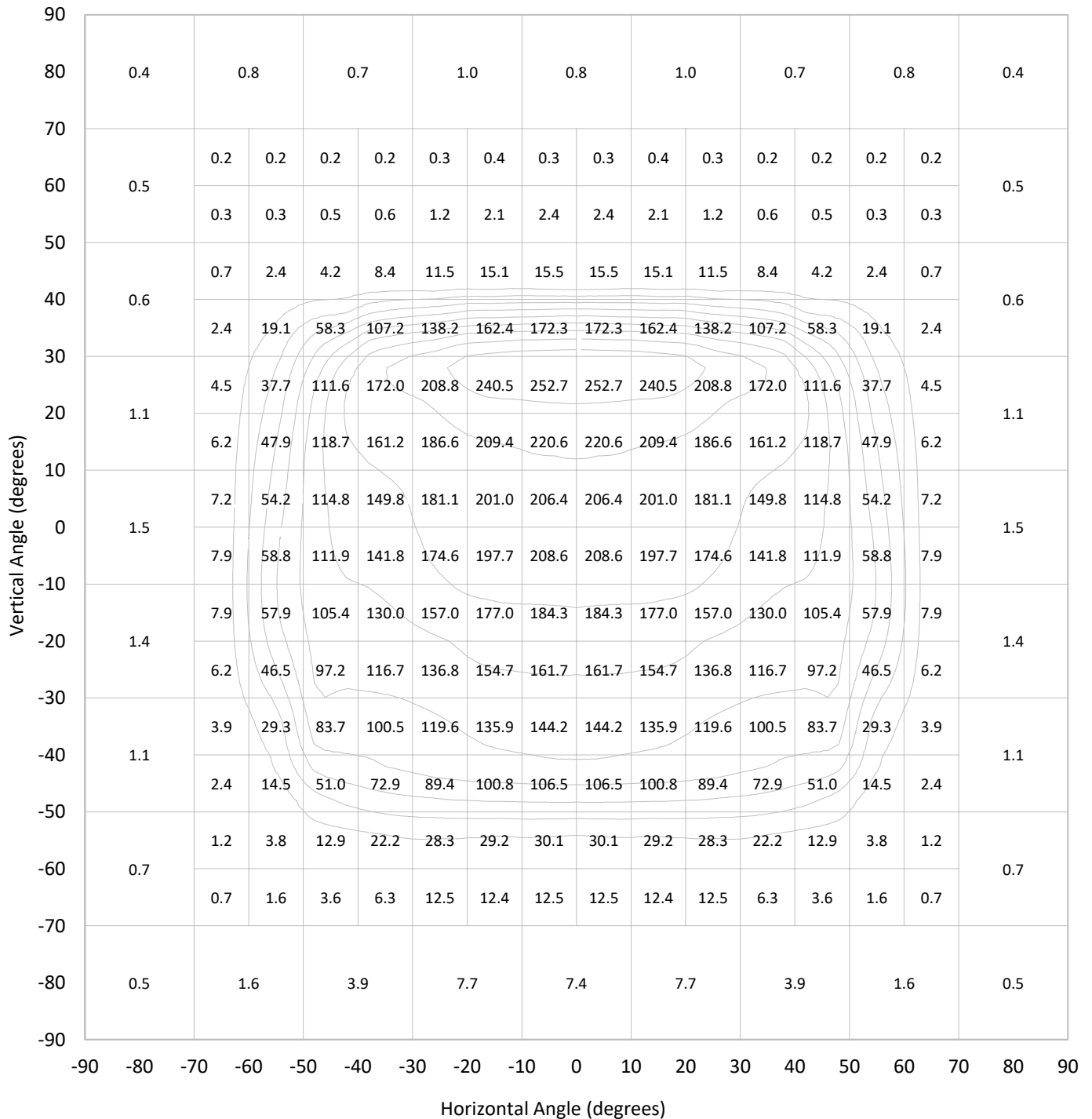
### Iso-Candela Plot





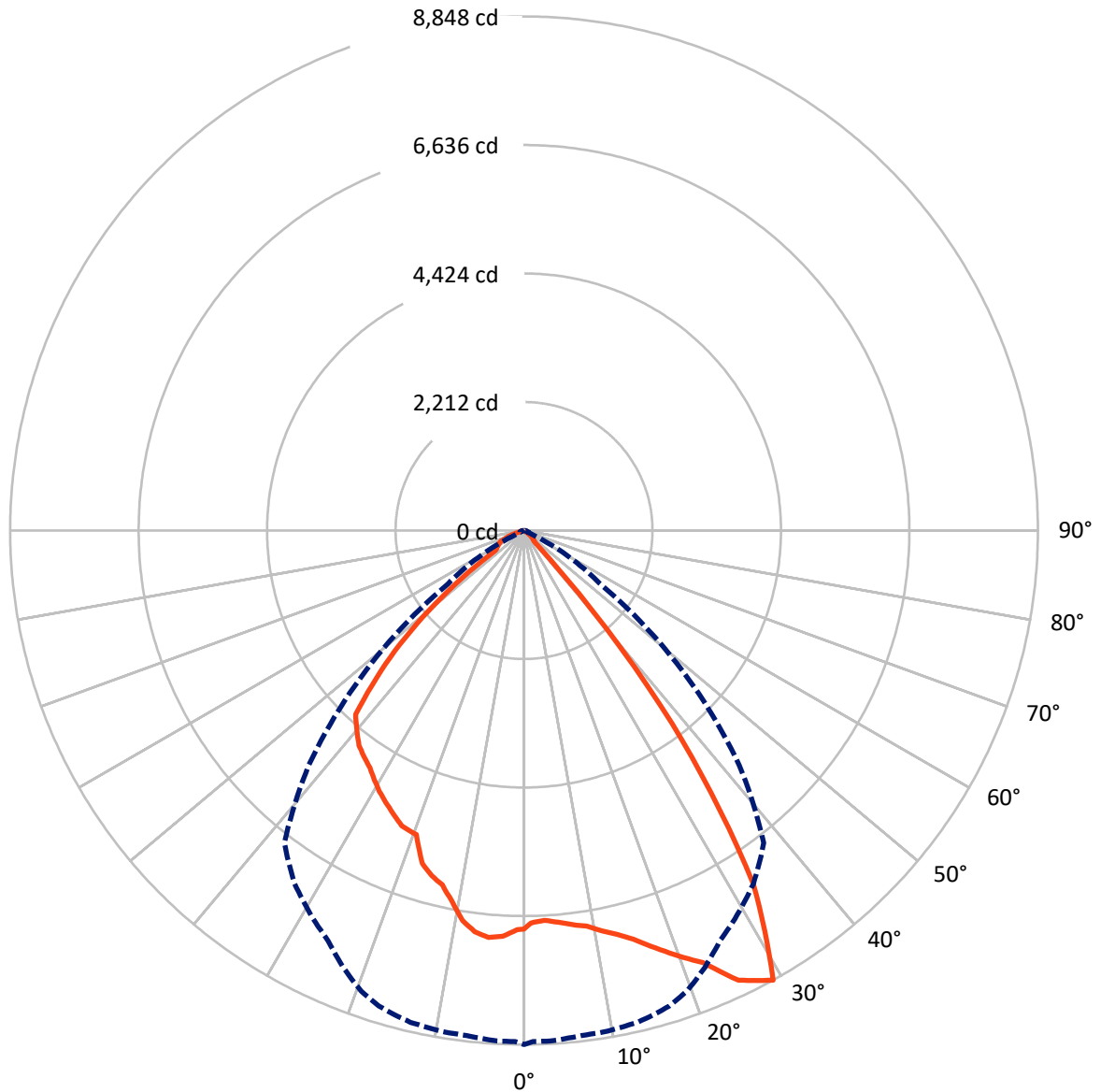
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 CATALOG NUMBER: UFLD-CA2-130-722-U-66-TS2\_UFLD

### Lumen Table



REPORT NUMBER: P571642  
CATALOG NUMBER: UFLD-CA2-130-722-U-66-TS2\_UFLD

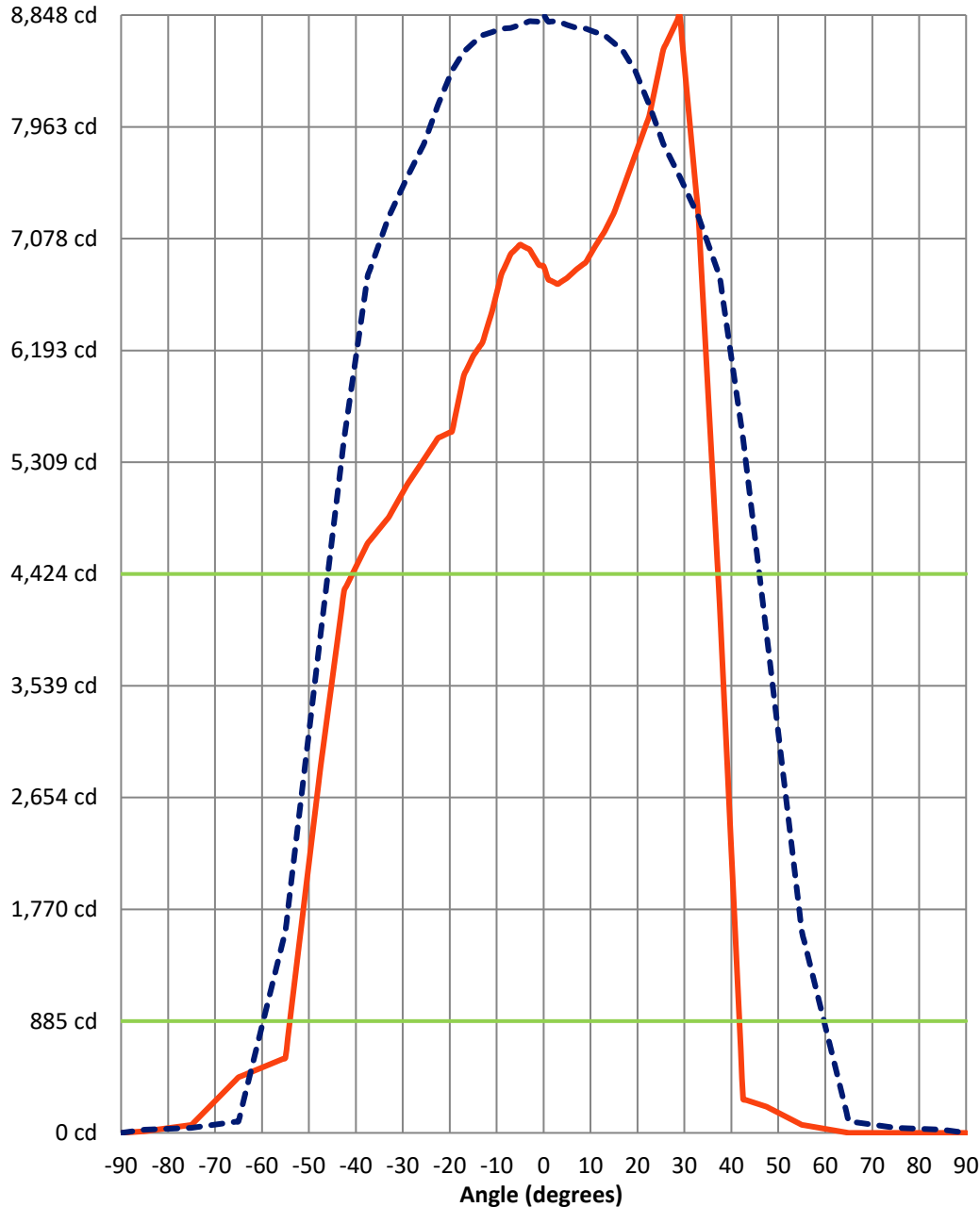
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 29-Deg

REPORT NUMBER: P571642  
 CATALOG NUMBER: UFLD-CA2-130-722-U-66-TS2\_UFLD

### Luminous Intensity Plot



**Beam:**  
 H Angle: 91.9°  
 V Angle: 77.9°  
 Lumens: 11257.8  
 Efficiency: 77.0%

**Field:**  
 H Angle: 119.5°  
 V Angle: 95.8°  
 Lumens: 14249.5  
 Efficiency: 97.4%

**Spill:**  
 Lumens: 373.5  
 Efficiency: 2.6%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 29-Deg



REPORT NUMBER: P571642  
 CATALOG NUMBER: UFLD-CA2-130-722-U-66-TS2\_UFLD

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	1°	3°	5°	7°	9°	11°	13°	15°	17°	19.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	4.0	10.0	12.6	13.3	14.6	14.6	16.0	16.0	15.3	14.6
75°	0.0	1.3	4.0	6.0	7.3	8.7	9.3	9.3	9.3	8.7	8.7
65°	0.0	0.7	2.7	4.0	5.3	6.0	6.0	6.7	6.7	6.7	6.0
55°	63.9	65.9	64.5	63.9	63.9	62.6	59.9	55.9	51.2	51.9	48.6
47.5°	207.0	205.0	205.6	204.3	202.3	196.3	193.0	190.3	188.3	187.7	179.0
42.5°	267.5	276.2	301.4	355.3	412.6	473.8	477.1	430.5	374.0	312.1	434.5
37.5°	4185.0	4249.5	4164.3	4141.7	4029.2	4053.2	4033.2	3970.0	3965.4	4001.3	3957.4
33°	7244.0	7267.9	7223.4	7211.4	7188.1	7188.1	7162.8	7049.7	6967.8	6917.3	6901.3
29°	8847.7	8795.8	8799.1	8769.8	8745.9	8739.9	8712.6	8688.0	8626.1	8557.6	8407.8
25.5°	8574.9	8548.2	8560.9	8512.3	8503.7	8467.7	8471.1	8437.8	8392.5	8321.3	8161.6
22.5°	8048.5	8051.8	8049.8	8024.5	8015.2	7982.6	7943.4	7936.0	7932.0	7880.1	7763.7
19.5°	7740.4	7707.8	7696.5	7713.1	7685.2	7643.9	7599.3	7569.4	7533.4	7518.8	7475.6
17°	7483.5	7448.9	7464.2	7440.3	7421.7	7367.8	7320.5	7279.9	7261.3	7235.3	7172.1
15°	7282.6	7255.3	7250.6	7232.7	7246.6	7180.8	7152.8	7118.2	7080.3	7042.4	6991.1
13°	7135.5	7142.2	7130.9	7083.6	7104.9	7052.3	7017.7	6973.8	6941.9	6907.3	6878.7
11°	7018.4	7027.0	6981.8	6979.8	6989.8	6921.2	6911.3	6860.0	6842.1	6845.4	6768.9
9°	6891.3	6910.6	6926.6	6905.3	6890.0	6862.7	6846.7	6828.1	6794.1	6799.5	6780.2
7°	6834.7	6818.8	6814.8	6845.4	6821.4	6795.5	6768.2	6778.2	6784.8	6803.5	6780.2
5°	6766.9	6776.2	6782.2	6763.5	6760.2	6770.2	6752.9	6772.9	6778.8	6911.9	6953.2
3°	6718.3	6752.9	6734.9	6712.3	6728.3	6743.6	6779.5	6782.8	6847.4	6925.2	6947.9
1°	6755.5	6780.2	6782.2	6782.2	6798.1	6847.4	6851.4	6871.3	6918.6	6951.2	6969.2
0°	6860.0	6844.7	6854.0	6840.1	6878.7	6903.9	6907.3	6891.3	6925.9	7036.4	7036.4
-1°	6870.7	6877.3	6904.6	6911.9	6901.9	6933.2	6884.6	6888.6	6905.3	6970.5	6909.3
-3°	6992.4	6994.4	6991.1	6993.8	6977.8	6969.2	6935.2	6907.9	6868.7	6806.8	6754.9
-5°	7031.0	7035.7	7018.4	7010.4	6974.5	6916.6	6898.6	6852.0	6788.2	6718.9	6669.0
-7°	6956.5	6957.8	6901.9	6917.3	6858.0	6791.5	6745.6	6681.0	6635.1	6567.9	6518.0
-9°	6794.1	6770.2	6731.6	6719.6	6663.7	6581.9	6519.3	6470.7	6447.5	6408.2	6419.5
-11°	6500.0	6480.7	6482.7	6450.1	6407.5	6371.6	6341.0	6321.0	6307.0	6290.4	6266.5
-13°	6257.8	6247.8	6214.5	6224.5	6203.2	6210.6	6217.2	6209.2	6192.6	6170.6	6136.0
-15°	6149.3	6141.3	6126.7	6115.4	6113.4	6113.4	6110.7	6107.4	6092.8	6038.2	5985.0
-17°	5994.3	5974.3	5973.0	5969.7	5962.3	5966.3	5958.4	5944.4	5940.4	5903.8	5851.9
-19.5°	5553.1	5563.1	5561.7	5576.4	5560.4	5587.7	5597.7	5598.3	5577.7	5554.4	5511.2
-22.5°	5499.2	5468.6	5472.6	5481.2	5465.9	5459.9	5457.3	5459.9	5439.3	5412.0	5342.2
-25.5°	5330.2	5342.2	5342.8	5325.5	5328.2	5330.8	5299.6	5297.6	5276.9	5247.0	5171.1
-29°	5135.2	5142.5	5125.9	5127.2	5099.3	5087.3	5050.7	5029.4	4995.5	4975.5	4901.6
-33°	4872.4	4889.0	4873.7	4869.0	4841.7	4820.4	4789.8	4774.5	4720.6	4672.1	4616.8
-37.5°	4666.1	4647.4	4642.8	4652.1	4616.2	4604.2	4574.9	4549.6	4511.7	4464.4	4394.6
-42.5°	4290.8	4314.7	4306.1	4278.8	4263.5	4218.2	4200.3	4177.6	4163.0	4155.7	4076.5
-47.5°	2900.7	2913.3	2909.3	2900.0	2890.0	2886.0	2866.7	2851.4	2848.1	2836.1	2798.2
-55°	593.6	608.9	620.2	648.1	660.1	677.4	661.4	631.5	626.2	688.7	683.4
-65°	439.9	437.9	435.9	433.9	430.5	429.2	432.5	435.2	433.2	441.9	459.2
-75°	63.2	62.6	64.5	65.2	60.6	60.6	70.5	68.5	71.2	71.2	71.9
-85°	12.6	11.3	12.6	18.6	19.3	22.0	24.0	26.0	26.6	26.6	26.6
-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: P571642  
 CATALOG NUMBER: UFLD-CA2-130-722-U-66-TS2\_UFLD

**CANDELA DISTRIBUTION (continued):**

	22.5°	25.5°	29°	33°	37.5°	42.5°	47.5°	55°	65°	75°	85°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.3	12.0	10.6	9.3	8.0	8.7	10.0	12.6	18.0	20.6	22.6
75°	8.0	7.3	6.7	6.7	6.7	8.0	9.3	12.0	17.3	20.0	23.3
65°	6.0	5.3	4.7	4.7	4.7	6.0	9.3	12.6	18.0	20.6	23.3
55°	43.9	31.9	18.0	18.6	18.6	19.3	20.0	16.6	20.6	22.6	24.0
47.5°	152.4	107.8	65.2	51.2	51.2	44.6	38.6	29.3	37.9	24.6	24.0
42.5°	427.2	195.6	314.1	336.0	291.5	130.4	171.7	195.0	48.6	27.9	24.6
37.5°	3634.0	3479.6	3272.0	3099.0	2702.4	1705.5	1542.5	678.1	57.9	31.9	24.6
33°	6658.4	6301.7	6128.0	5768.7	5492.5	4019.9	3102.3	1153.9	75.9	35.9	25.3
29°	8136.3	7828.2	7568.7	7250.0	6779.5	5492.5	3948.7	1596.4	91.2	39.9	25.3
25.5°	7915.4	7665.2	7413.7	7178.1	6925.2	6064.8	4469.8	1915.8	105.8	44.6	25.3
22.5°	7538.8	7265.3	7032.4	6894.0	6750.9	6252.5	4747.9	2138.7	119.8	49.2	26.0
19.5°	7252.6	7009.1	6795.5	6654.4	6641.8	6285.7	4903.0	2319.7	136.4	57.2	26.0
17°	6993.1	6792.8	6621.8	6557.2	6589.2	6199.2	5016.1	2469.4	151.7	62.6	26.0
15°	6818.1	6660.4	6522.0	6506.7	6485.4	6101.4	5100.6	2596.5	164.4	65.2	26.0
13°	6738.9	6599.8	6492.0	6477.4	6354.3	5986.3	5146.5	2713.0	174.3	67.2	26.0
11°	6646.4	6553.9	6497.4	6381.6	6209.2	5841.2	5149.8	2814.1	184.3	70.5	26.0
9°	6662.4	6541.9	6452.1	6270.4	6067.5	5768.0	5149.8	2906.0	182.3	72.5	26.0
7°	6669.7	6557.2	6371.6	6160.0	5956.4	5695.5	5163.2	2997.1	173.7	75.2	26.0
5°	6704.3	6541.3	6331.7	6073.5	5865.2	5643.6	5119.9	3090.3	170.4	77.2	26.0
3°	6706.3	6539.9	6315.0	5987.6	5801.3	5594.4	5114.6	3170.2	169.7	77.9	26.6
1°	6708.3	6533.3	6263.1	5902.5	5746.7	5569.7	5107.3	3259.3	171.7	77.9	26.6
0°	6698.3	6503.3	6241.2	5881.2	5712.8	5551.1	5115.9	3306.6	173.0	76.5	26.6
-1°	6687.0	6462.8	6187.3	5851.2	5686.9	5543.8	5106.6	3353.2	173.0	75.9	26.6
-3°	6603.8	6396.2	6136.7	5823.3	5641.6	5499.9	5072.0	3433.0	178.3	75.9	26.6
-5°	6517.3	6321.7	6082.8	5748.1	5586.4	5446.0	5081.3	3480.3	181.0	75.9	26.6
-7°	6431.5	6227.2	6006.9	5714.8	5505.2	5364.8	5056.7	3541.5	181.7	75.2	26.6
-9°	6291.7	6114.7	5880.5	5593.0	5399.4	5304.9	5048.0	3572.1	183.0	75.2	26.6
-11°	6174.0	5963.7	5752.1	5486.6	5296.9	5205.7	5006.8	3568.1	184.3	74.5	26.6
-13°	6009.6	5821.9	5629.6	5379.4	5209.1	5092.6	4964.8	3544.1	183.7	75.2	26.6
-15°	5861.2	5677.5	5483.9	5287.6	5110.6	4972.8	4902.3	3489.6	183.7	75.2	26.6
-17°	5710.8	5533.1	5351.5	5162.5	5012.1	4902.3	4855.7	3386.4	182.3	74.5	26.6
-19.5°	5374.1	5239.0	5125.9	5022.7	4896.3	4767.9	4782.5	3199.4	177.7	74.5	26.6
-22.5°	5204.4	5066.7	4951.5	4847.7	4747.9	4620.8	4705.3	2916.0	170.4	73.2	26.6
-25.5°	5050.7	4918.3	4799.8	4696.7	4628.8	4550.9	4635.5	2548.6	163.0	71.9	26.6
-29°	4790.5	4681.4	4583.6	4481.1	4426.5	4393.9	4523.7	2057.5	157.7	69.2	26.0
-33°	4501.0	4407.9	4312.1	4173.6	4115.1	4115.7	4260.8	1442.7	154.4	65.2	26.0
-37.5°	4297.4	4194.3	4051.2	3898.1	3791.0	3810.3	3839.6	1128.6	156.4	59.2	26.0
-42.5°	3970.7	3915.5	3742.4	3592.7	3397.1	3198.8	2903.3	843.1	137.1	49.2	26.0
-47.5°	2776.2	2696.4	2623.2	2540.0	2358.3	2030.3	1551.8	333.4	122.4	38.6	26.0
-55°	724.7	716.0	762.6	701.4	574.3	428.5	373.3	127.8	92.5	33.3	26.0
-65°	499.1	518.4	407.2	270.8	137.1	116.5	181.7	69.2	50.6	29.3	25.3
-75°	69.9	62.6	49.2	51.9	54.6	51.2	46.6	28.6	28.6	26.6	24.6
-85°	26.0	24.6	24.0	23.3	22.0	20.6	20.6	21.3	24.0	26.0	24.6
-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°
90°	0.0
85°	0.0
75°	0.0
65°	0.0
55°	0.0
47.5°	0.0
42.5°	0.0
37.5°	0.0
33°	0.0
29°	0.0
25.5°	0.0
22.5°	0.0
19.5°	0.0
17°	0.0
15°	0.0
13°	0.0
11°	0.0
9°	0.0
7°	0.0
5°	0.0
3°	0.0
1°	0.0
0°	0.0
-1°	0.0
-3°	0.0
-5°	0.0
-7°	0.0
-9°	0.0
-11°	0.0
-13°	0.0
-15°	0.0
-17°	0.0
-19.5°	0.0
-22.5°	0.0
-25.5°	0.0
-29°	0.0
-33°	0.0
-37.5°	0.0
-42.5°	0.0
-47.5°	0.0
-55°	0.0
-65°	0.0
-75°	0.0
-85°	0.0
-90°	0.0

(END OF REPORT)