

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Brand: McGRAW-EDISON

Report Number: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-VWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, VERY WIDE SYMMETRICAL ROUND N44
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

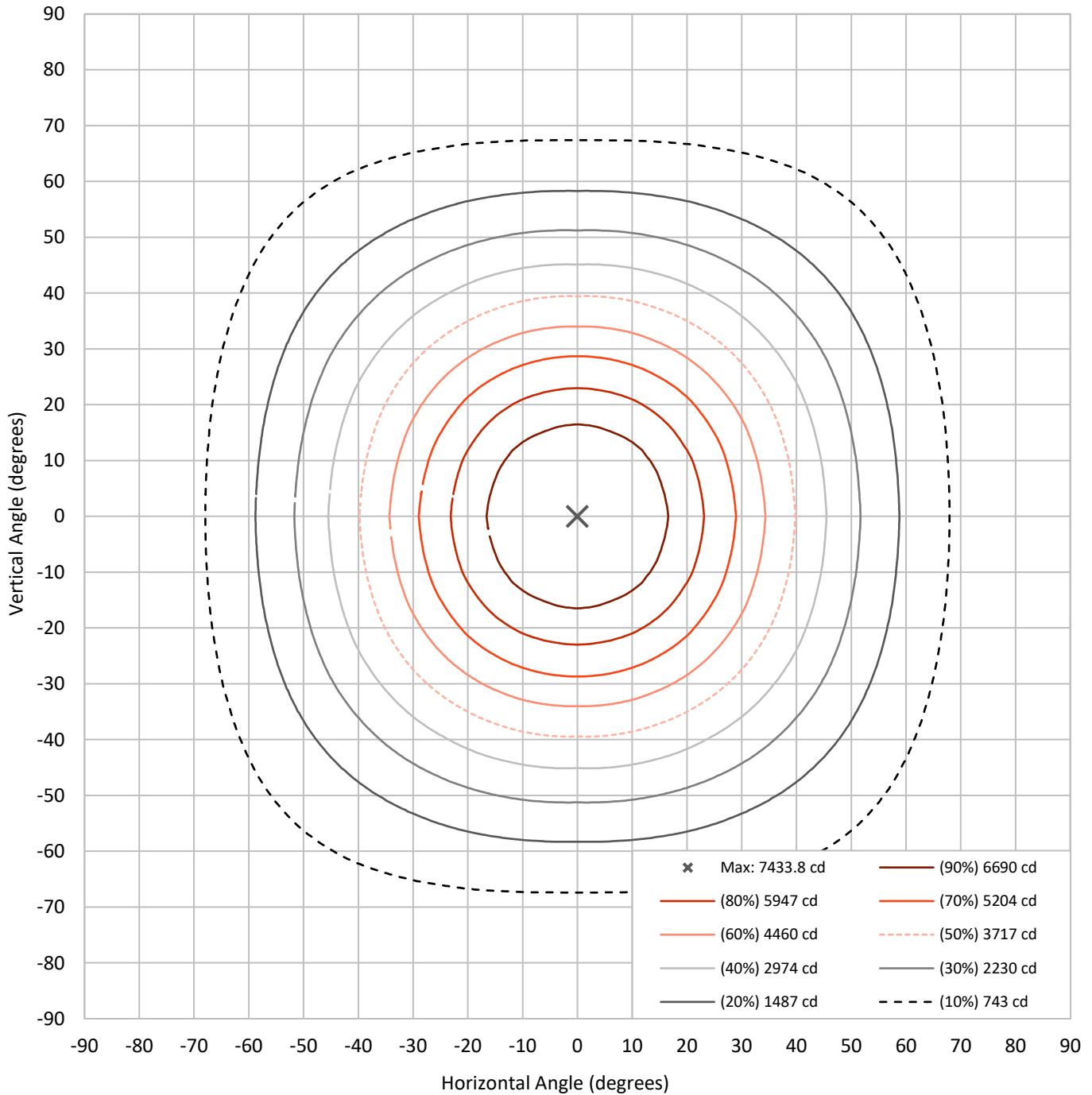
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	13435.9 lumens	Max Intensity:	7433.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	7880.2 lumens	Field Lumens:	12808.8 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	125.71		
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		



REPORT NUMBER: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





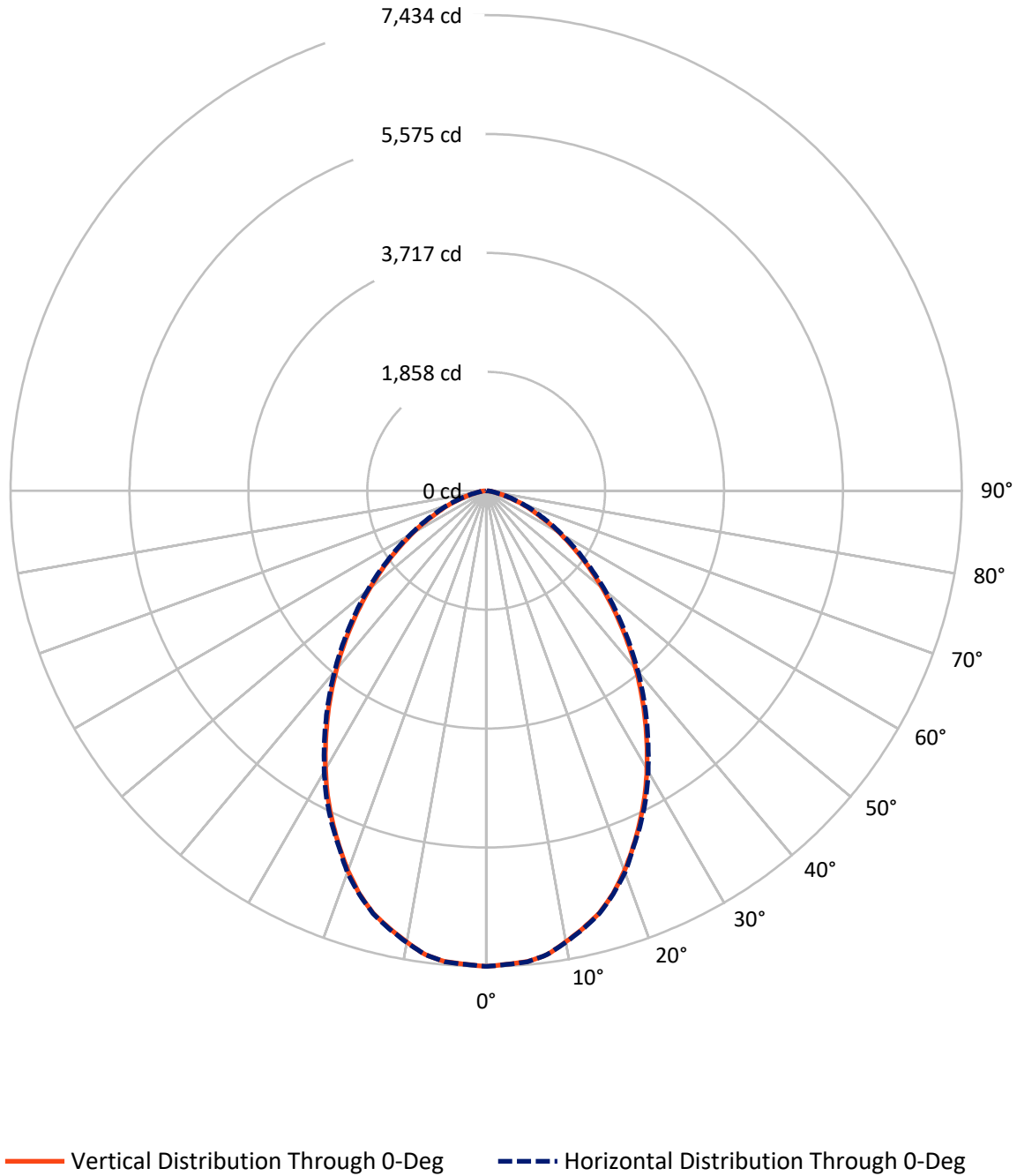
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Lumen Table

90																			
80	0.5	5.5	15.0	25.4	24.0	25.4	15.0	5.5	0.5										
70																			
60	2.5	3.4	7.0	11.8	17.3	22.4	26.2	28.0	28.0	26.2	22.4	17.3	11.8	7.0	3.4	2.5			
50		5.2	11.3	20.2	30.5	41.5	50.5	55.2	55.2	50.5	41.5	30.5	20.2	11.3	5.2				
40	4.4	6.9	16.3	30.2	47.8	66.2	81.7	90.2	90.2	81.7	66.2	47.8	30.2	16.3	6.9	4.4			
30		8.8	21.6	41.5	66.9	93.8	116.8	129.8	129.8	116.8	93.8	66.9	41.5	21.6	8.8				
20	5.6	10.5	26.6	52.2	85.2	120.9	152.1	170.0	170.0	152.1	120.9	85.2	52.2	26.6	10.5	5.6			
10		11.9	30.5	60.2	99.4	142.9	181.2	203.0	203.0	181.2	142.9	99.4	60.2	30.5	11.9				
0	6.1	12.6	32.6	64.8	107.4	155.1	197.0	219.9	219.9	197.0	155.1	107.4	64.8	32.6	12.6	6.1			
-10		12.6	32.6	64.8	107.4	155.1	197.0	219.9	219.9	197.0	155.1	107.4	64.8	32.6	12.6				
-20	5.6	11.9	30.5	60.2	99.4	142.9	181.2	203.0	203.0	181.2	142.9	99.4	60.2	30.5	11.9	5.6			
-30		10.5	26.6	52.2	85.2	120.9	152.1	170.0	170.0	152.1	120.9	85.2	52.2	26.6	10.5				
-40	4.4	8.8	21.6	41.5	66.9	93.8	116.8	129.8	129.8	116.8	93.8	66.9	41.5	21.6	8.8	4.4			
-50		6.9	16.3	30.2	47.8	66.2	81.7	90.2	90.2	81.7	66.2	47.8	30.2	16.3	6.9				
-60	2.5	5.2	11.3	20.2	30.5	41.5	50.5	55.2	55.2	50.5	41.5	30.5	20.2	11.3	5.2	2.5			
-70		3.4	7.0	11.8	17.3	22.4	26.2	28.0	28.0	26.2	22.4	17.3	11.8	7.0	3.4				
-80	0.5	5.5	15.0	25.4	24.0	25.4	15.0	5.5	0.5										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

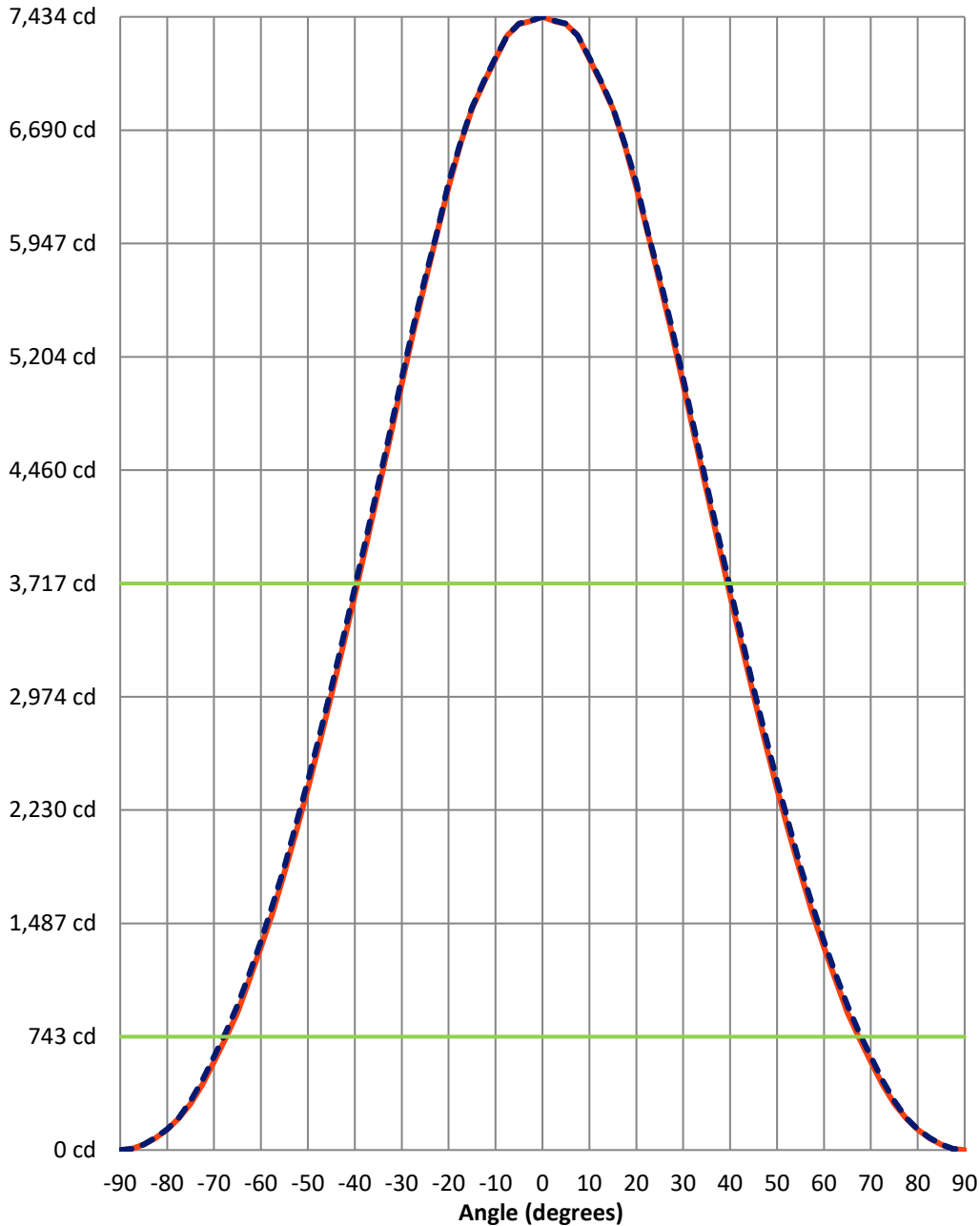
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 7880.2
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 12808.8
 Efficiency: 95.3%

Spill:
 Lumens: 627.1
 Efficiency: 4.7%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
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°	0.0	0.4	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
85°	0.0	0.8	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
82.5°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	12.5	19.7	26.6
80°	0.0	1.7	3.8	5.8	7.7	9.6	12.9	23.1	32.8	42.2	51.2
77.5°	0.0	2.1	4.8	7.2	9.6	15.0	28.2	41.0	53.0	64.6	78.9
75°	0.0	2.5	5.7	8.6	12.5	26.0	43.2	58.8	73.9	94.5	116.4
72.5°	0.0	2.9	6.6	10.0	19.9	36.7	57.7	78.0	101.6	126.7	153.3
70°	0.0	3.3	7.5	12.0	27.1	47.0	72.1	101.0	128.7	158.3	192.8
67.5°	0.0	3.7	8.3	16.4	34.0	56.9	89.5	123.4	155.2	192.6	232.2
65°	0.0	4.1	9.2	20.7	40.6	67.9	106.1	145.2	183.9	225.8	269.0
62.5°	0.0	4.4	10.0	24.8	46.9	80.0	121.9	168.0	211.6	257.7	302.0
60°	0.0	4.8	10.7	28.6	52.7	91.5	136.8	190.6	238.2	287.5	334.5
57.5°	0.0	5.1	12.9	32.3	60.6	102.2	152.4	211.7	264.5	316.7	365.3
55°	0.0	5.5	15.0	35.7	68.1	112.3	167.2	229.9	290.4	345.0	394.9
52.5°	0.0	5.8	17.1	38.8	75.0	121.8	180.9	248.8	315.6	371.0	423.7
50°	0.0	6.1	19.0	41.6	81.4	131.8	193.5	266.8	339.6	396.3	456.7
47.5°	0.0	6.3	20.9	44.6	87.2	141.0	205.3	283.6	361.3	420.7	489.0
45°	0.0	6.6	22.7	48.5	92.5	149.3	218.4	299.0	378.2	448.3	520.0
42.5°	0.0	6.9	24.3	52.0	97.1	156.7	230.4	313.1	394.3	474.8	556.4
40°	0.0	7.1	25.9	55.6	101.8	163.2	241.3	326.6	411.1	499.5	592.0
37.5°	0.0	7.3	27.4	59.1	106.4	168.7	251.1	339.3	430.0	523.1	625.3
35°	0.0	7.5	28.7	62.4	110.4	175.0	259.7	351.2	448.4	550.2	658.8
32.5°	0.0	7.7	30.0	65.5	113.7	181.4	267.6	362.4	466.3	576.2	694.4
30°	0.0	7.9	31.2	68.3	116.4	186.9	275.9	373.7	483.5	601.1	727.6
27.5°	0.0	8.0	32.2	70.8	120.3	191.4	283.3	386.7	501.2	624.7	758.5
25°	0.0	8.1	33.1	73.0	124.1	194.9	289.9	398.8	519.7	648.8	787.0
22.5°	0.0	8.2	33.9	75.0	127.4	198.5	295.5	409.9	536.7	671.5	817.3
20°	0.0	8.3	34.6	76.8	130.2	203.5	300.1	419.9	552.2	691.8	844.6
17.5°	0.0	8.4	35.2	78.2	132.6	207.5	305.9	428.7	565.9	709.7	868.6
15°	0.0	8.5	35.7	79.4	134.5	210.6	311.9	437.1	577.9	725.0	889.3
12.5°	0.0	8.5	36.1	80.3	135.9	212.9	316.8	444.9	588.7	737.7	906.6
10°	0.0	8.5	36.3	80.9	136.9	214.3	320.5	451.0	598.1	749.6	921.2
7.5°	0.0	8.5	36.4	81.3	137.5	214.9	323.0	455.2	605.2	759.2	933.8
5°	0.0	8.5	36.5	81.4	137.6	214.6	324.4	457.6	610.2	766.1	942.9
2.5°	0.0	8.5	36.4	81.2	137.3	213.6	324.4	458.2	612.8	770.4	948.3
0°	0.0	8.4	36.2	80.8	136.5	211.8	323.2	456.9	613.0	771.8	950.1
-2.5°	0.0	8.5	36.4	81.2	137.3	213.6	324.4	458.2	612.8	770.4	948.3
-5°	0.0	8.5	36.5	81.4	137.6	214.6	324.4	457.6	610.2	766.1	942.9
-7.5°	0.0	8.5	36.4	81.3	137.5	214.9	323.0	455.2	605.2	759.2	933.8
-10°	0.0	8.5	36.3	80.9	136.9	214.3	320.5	451.0	598.1	749.6	921.2
-12.5°	0.0	8.5	36.1	80.3	135.9	212.9	316.8	444.9	588.7	737.7	906.6
-15°	0.0	8.5	35.7	79.4	134.5	210.6	311.9	437.1	577.9	725.0	889.3
-17.5°	0.0	8.4	35.2	78.2	132.6	207.5	305.9	428.7	565.9	709.7	868.6
-20°	0.0	8.3	34.6	76.8	130.2	203.5	300.1	419.9	552.2	691.8	844.6

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Scaled Data Report



REPORT NUMBER: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.2	33.9	75.0	127.4	198.5	295.5	409.9	536.7	671.5	817.3
-25°	0.0	8.1	33.1	73.0	124.1	194.9	289.9	398.8	519.7	648.8	787.0
-27.5°	0.0	8.0	32.2	70.8	120.3	191.4	283.3	386.7	501.2	624.7	758.5
-30°	0.0	7.9	31.2	68.3	116.4	186.9	275.9	373.7	483.5	601.1	727.6
-32.5°	0.0	7.7	30.0	65.5	113.7	181.4	267.6	362.4	466.3	576.2	694.4
-35°	0.0	7.5	28.7	62.4	110.4	175.0	259.7	351.2	448.4	550.2	658.8
-37.5°	0.0	7.3	27.4	59.1	106.4	168.7	251.1	339.3	430.0	523.1	625.3
-40°	0.0	7.1	25.9	55.6	101.8	163.2	241.3	326.6	411.1	499.5	592.0
-42.5°	0.0	6.9	24.3	52.0	97.1	156.7	230.4	313.1	394.3	474.8	556.4
-45°	0.0	6.6	22.7	48.5	92.5	149.3	218.4	299.0	378.2	448.3	520.0
-47.5°	0.0	6.3	20.9	44.6	87.2	141.0	205.3	283.6	361.3	420.7	489.0
-50°	0.0	6.1	19.0	41.6	81.4	131.8	193.5	266.8	339.6	396.3	456.7
-52.5°	0.0	5.8	17.1	38.8	75.0	121.8	180.9	248.8	315.6	371.0	423.7
-55°	0.0	5.5	15.0	35.7	68.1	112.3	167.2	229.9	290.4	345.0	394.9
-57.5°	0.0	5.1	12.9	32.3	60.6	102.2	152.4	211.7	264.5	316.7	365.3
-60°	0.0	4.8	10.7	28.6	52.7	91.5	136.8	190.6	238.2	287.5	334.5
-62.5°	0.0	4.4	10.0	24.8	46.9	80.0	121.9	168.0	211.6	257.7	302.0
-65°	0.0	4.1	9.2	20.7	40.6	67.9	106.1	145.2	183.9	225.8	269.0
-67.5°	0.0	3.7	8.3	16.4	34.0	56.9	89.5	123.4	155.2	192.6	232.2
-70°	0.0	3.3	7.5	12.0	27.1	47.0	72.1	101.0	128.7	158.3	192.8
-72.5°	0.0	2.9	6.6	10.0	19.9	36.7	57.7	78.0	101.6	126.7	153.3
-75°	0.0	2.5	5.7	8.6	12.5	26.0	43.2	58.8	73.9	94.5	116.4
-77.5°	0.0	2.1	4.8	7.2	9.6	15.0	28.2	41.0	53.0	64.6	78.9
-80°	0.0	1.7	3.8	5.8	7.7	9.6	12.9	23.1	32.8	42.2	51.2
-82.5°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	12.5	19.7	26.6
-85°	0.0	0.8	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
-87.5°	0.0	0.4	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
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°	5.4	6.2	7.1	8.0	8.0	8.0	8.0	7.9	8.2	8.5	8.8
85°	10.9	12.5	17.3	22.0	24.3	25.7	26.3	26.2	30.5	35.5	40.8
82.5°	33.9	40.9	47.6	53.9	55.6	55.6	55.1	55.2	65.3	76.7	88.5
80°	60.4	69.3	81.0	91.4	96.0	98.3	99.4	99.2	111.9	128.8	146.5
77.5°	95.8	110.7	123.7	134.7	140.7	145.9	150.2	153.5	169.8	191.2	212.3
75°	136.1	152.5	168.7	182.9	192.9	200.2	207.1	218.1	239.4	264.3	286.0
72.5°	178.7	199.6	217.7	233.1	247.0	261.8	278.3	296.4	318.9	343.8	366.5
70°	224.1	247.1	266.1	284.6	303.6	325.7	350.5	374.9	400.0	427.5	453.9
67.5°	268.6	290.8	313.1	336.5	364.9	394.5	423.8	457.5	491.9	522.4	549.7
65°	307.2	333.2	361.2	392.9	428.0	465.6	504.7	545.1	588.8	625.4	658.8
62.5°	344.1	375.4	409.4	448.9	493.6	538.1	588.1	638.6	687.8	731.0	770.8
60°	378.1	416.0	458.9	507.4	559.6	618.8	675.7	733.2	787.1	836.0	886.4
57.5°	411.2	458.8	510.3	568.6	634.5	701.1	767.9	829.8	890.8	950.4	1007.4
55°	446.2	503.5	564.9	636.3	710.7	789.4	861.4	930.4	997.7	1069.9	1138.6
52.5°	484.6	548.7	625.6	705.5	791.4	875.9	955.0	1033.6	1114.9	1196.6	1286.1
50°	521.8	601.7	685.9	778.9	871.7	962.2	1052.9	1143.4	1240.8	1341.1	1442.4
47.5°	565.2	652.5	751.9	851.6	953.0	1053.8	1154.8	1264.2	1374.9	1491.2	1603.3
45°	609.2	707.3	814.4	927.1	1036.8	1148.3	1266.5	1387.5	1517.2	1645.1	1779.9
42.5°	650.8	761.7	879.8	1001.6	1123.5	1248.1	1378.1	1519.3	1661.1	1808.7	1956.8
40°	697.0	813.5	943.7	1077.8	1210.2	1348.3	1496.7	1649.8	1810.2	1972.4	2133.3
37.5°	741.3	869.4	1006.3	1150.6	1299.1	1450.9	1612.2	1785.9	1959.9	2134.4	2311.9
35°	782.9	922.4	1070.7	1223.9	1381.4	1554.1	1734.3	1919.7	2108.3	2297.1	2488.0
32.5°	825.6	972.4	1132.2	1296.2	1469.7	1654.9	1852.3	2053.3	2254.1	2455.7	2664.6
30°	868.4	1024.8	1191.8	1364.5	1554.4	1756.1	1968.3	2181.2	2393.6	2615.4	2838.1
27.5°	908.9	1074.5	1250.3	1435.2	1635.5	1849.9	2075.3	2303.3	2532.3	2768.1	3005.6
25°	946.2	1121.6	1304.7	1503.2	1715.5	1940.1	2174.9	2412.8	2663.9	2916.3	3164.3
22.5°	982.5	1164.9	1355.0	1565.8	1788.0	2023.9	2268.4	2519.6	2782.0	3053.1	3309.7
20°	1017.4	1206.1	1404.0	1622.6	1853.0	2099.3	2353.3	2616.4	2891.7	3170.0	3446.0
17.5°	1048.5	1242.8	1449.6	1675.7	1914.9	2168.3	2429.8	2701.6	2989.2	3277.6	3570.1
15°	1075.5	1274.7	1489.1	1722.0	1969.7	2230.9	2500.9	2780.3	3075.3	3375.7	3679.7
12.5°	1098.4	1301.7	1522.4	1761.4	2016.2	2284.6	2561.9	2851.2	3154.1	3462.9	3775.8
10°	1117.0	1323.7	1549.3	1793.6	2054.1	2329.1	2612.2	2909.6	3221.6	3537.1	3856.6
7.5°	1132.8	1342.0	1570.6	1818.4	2083.4	2363.8	2651.3	2955.1	3275.4	3595.0	3921.5
5°	1144.3	1356.9	1590.3	1839.2	2108.8	2391.0	2681.0	2987.6	3314.7	3636.2	3968.5
2.5°	1151.2	1366.5	1603.6	1852.7	2128.8	2411.4	2707.3	3016.3	3343.6	3668.9	4003.9
0°	1153.5	1370.8	1610.5	1858.4	2139.9	2421.3	2722.2	3031.5	3357.5	3689.0	4026.2
-2.5°	1151.2	1366.5	1603.6	1852.7	2128.8	2411.4	2707.3	3016.3	3343.6	3668.9	4003.9
-5°	1144.3	1356.9	1590.3	1839.2	2108.8	2391.0	2681.0	2987.6	3314.7	3636.2	3968.5
-7.5°	1132.8	1342.0	1570.6	1818.4	2083.4	2363.8	2651.3	2955.1	3275.4	3595.0	3921.5
-10°	1117.0	1323.7	1549.3	1793.6	2054.1	2329.1	2612.2	2909.6	3221.6	3537.1	3856.6
-12.5°	1098.4	1301.7	1522.4	1761.4	2016.2	2284.6	2561.9	2851.2	3154.1	3462.9	3775.8
-15°	1075.5	1274.7	1489.1	1722.0	1969.7	2230.9	2500.9	2780.3	3075.3	3375.7	3679.7
-17.5°	1048.5	1242.8	1449.6	1675.7	1914.9	2168.3	2429.8	2701.6	2989.2	3277.6	3570.1
-20°	1017.4	1206.1	1404.0	1622.6	1853.0	2099.3	2353.3	2616.4	2891.7	3170.0	3446.0

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	982.5	1164.9	1355.0	1565.8	1788.0	2023.9	2268.4	2519.6	2782.0	3053.1	3309.7
-25°	946.2	1121.6	1304.7	1503.2	1715.5	1940.1	2174.9	2412.8	2663.9	2916.3	3164.3
-27.5°	908.9	1074.5	1250.3	1435.2	1635.5	1849.9	2075.3	2303.3	2532.3	2768.1	3005.6
-30°	868.4	1024.8	1191.8	1364.5	1554.4	1756.1	1968.3	2181.2	2393.6	2615.4	2838.1
-32.5°	825.6	972.4	1132.2	1296.2	1469.7	1654.9	1852.3	2053.3	2254.1	2455.7	2664.6
-35°	782.9	922.4	1070.7	1223.9	1381.4	1554.1	1734.3	1919.7	2108.3	2297.1	2488.0
-37.5°	741.3	869.4	1006.3	1150.6	1299.1	1450.9	1612.2	1785.9	1959.9	2134.4	2311.9
-40°	697.0	813.5	943.7	1077.8	1210.2	1348.3	1496.7	1649.8	1810.2	1972.4	2133.3
-42.5°	650.8	761.7	879.8	1001.6	1123.5	1248.1	1378.1	1519.3	1661.1	1808.7	1956.8
-45°	609.2	707.3	814.4	927.1	1036.8	1148.3	1266.5	1387.5	1517.2	1645.1	1779.9
-47.5°	565.2	652.5	751.9	851.6	953.0	1053.8	1154.8	1264.2	1374.9	1491.2	1603.3
-50°	521.8	601.7	685.9	778.9	871.7	962.2	1052.9	1143.4	1240.8	1341.1	1442.4
-52.5°	484.6	548.7	625.6	705.5	791.4	875.9	955.0	1033.6	1114.9	1196.6	1286.1
-55°	446.2	503.5	564.9	636.3	710.7	789.4	861.4	930.4	997.7	1069.9	1138.6
-57.5°	411.2	458.8	510.3	568.6	634.5	701.1	767.9	829.8	890.8	950.4	1007.4
-60°	378.1	416.0	458.9	507.4	559.6	618.8	675.7	733.2	787.1	836.0	886.4
-62.5°	344.1	375.4	409.4	448.9	493.6	538.1	588.1	638.6	687.8	731.0	770.8
-65°	307.2	333.2	361.2	392.9	428.0	465.6	504.7	545.1	588.8	625.4	658.8
-67.5°	268.6	290.8	313.1	336.5	364.9	394.5	423.8	457.5	491.9	522.4	549.7
-70°	224.1	247.1	266.1	284.6	303.6	325.7	350.5	374.9	400.0	427.5	453.9
-72.5°	178.7	199.6	217.7	233.1	247.0	261.8	278.3	296.4	318.9	343.8	366.5
-75°	136.1	152.5	168.7	182.9	192.9	200.2	207.1	218.1	239.4	264.3	286.0
-77.5°	95.8	110.7	123.7	134.7	140.7	145.9	150.2	153.5	169.8	191.2	212.3
-80°	60.4	69.3	81.0	91.4	96.0	98.3	99.4	99.2	111.9	128.8	146.5
-82.5°	33.9	40.9	47.6	53.9	55.6	55.6	55.1	55.2	65.3	76.7	88.5
-85°	10.9	12.5	17.3	22.0	24.3	25.7	26.3	26.2	30.5	35.5	40.8
-87.5°	5.4	6.2	7.1	8.0	8.0	8.0	8.0	7.9	8.2	8.5	8.8
-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: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.2	9.6
85°	46.6	49.8	52.9	55.9	58.7	61.3	63.8	66.1	68.2	62.3	55.8
82.5°	100.5	108.6	116.2	123.9	131.4	133.3	133.9	133.7	132.6	122.2	110.7
80°	164.1	177.7	190.6	203.4	216.0	217.4	216.0	213.4	209.7	196.0	180.6
77.5°	233.5	250.7	265.7	279.5	292.1	294.4	294.1	293.4	292.4	278.5	261.7
75°	304.5	321.3	337.6	351.4	362.9	368.2	370.8	372.6	373.6	363.6	350.6
72.5°	387.0	404.5	418.8	432.2	443.6	451.8	457.6	462.1	465.1	462.1	456.7
70°	476.5	495.2	511.1	526.2	541.6	553.9	563.2	569.9	574.2	577.0	579.0
67.5°	577.2	602.4	624.4	643.2	661.8	679.2	693.5	705.2	714.3	722.0	727.9
65°	690.7	722.9	751.5	777.7	801.8	827.0	847.8	865.2	879.2	890.8	900.1
62.5°	810.0	849.5	886.2	921.8	956.6	991.0	1017.3	1041.3	1062.7	1081.0	1095.6
60°	934.1	979.0	1028.2	1075.1	1118.3	1157.8	1197.0	1231.0	1260.1	1284.2	1303.6
57.5°	1067.4	1125.5	1183.0	1241.3	1296.5	1348.0	1396.3	1438.9	1474.9	1504.4	1529.2
55°	1211.4	1284.1	1350.8	1424.3	1495.4	1560.2	1617.1	1667.2	1710.5	1746.8	1777.6
52.5°	1369.7	1458.0	1544.6	1628.4	1709.1	1784.1	1852.4	1910.7	1962.6	2007.1	2042.5
50°	1542.9	1643.9	1744.3	1837.5	1930.2	2016.7	2094.9	2162.6	2223.0	2275.3	2316.4
47.5°	1724.1	1839.0	1951.2	2057.8	2160.4	2256.6	2341.3	2418.4	2493.7	2555.1	2603.7
45°	1912.2	2041.2	2164.9	2286.8	2399.8	2507.6	2612.1	2708.2	2785.4	2853.0	2909.8
42.5°	2102.6	2246.5	2385.1	2518.0	2642.3	2767.0	2884.5	2989.5	3077.6	3154.5	3219.0
40°	2295.5	2453.0	2605.7	2750.7	2892.7	3028.6	3155.8	3266.5	3365.9	3457.2	3533.3
37.5°	2487.5	2660.7	2829.8	2992.3	3148.7	3295.9	3433.3	3558.4	3670.5	3774.5	3859.0
35°	2680.2	2870.3	3055.5	3234.2	3405.1	3567.5	3717.9	3860.3	3992.5	4097.8	4184.3
32.5°	2872.2	3076.6	3278.1	3474.9	3661.9	3837.1	4000.0	4157.4	4293.3	4409.1	4508.5
30°	3058.0	3279.5	3498.9	3712.2	3914.2	4104.1	4284.4	4450.9	4597.1	4723.7	4835.2
27.5°	3240.4	3478.2	3713.6	3941.6	4160.0	4366.3	4563.2	4743.6	4903.1	5040.8	5158.3
25°	3412.7	3668.3	3919.3	4161.0	4394.3	4621.8	4834.4	5031.3	5201.7	5352.8	5473.6
22.5°	3577.3	3850.0	4113.7	4367.9	4617.5	4862.7	5095.4	5301.1	5481.6	5639.6	5773.3
20°	3730.7	4022.9	4292.7	4561.5	4824.4	5086.3	5336.2	5553.2	5744.2	5912.4	6059.7
17.5°	3874.1	4173.8	4457.9	4744.1	5021.2	5295.9	5549.8	5782.3	5988.4	6167.1	6321.3
15°	3995.5	4298.2	4608.4	4914.0	5206.2	5484.4	5738.0	5980.8	6209.7	6402.9	6559.4
12.5°	4093.8	4408.5	4732.2	5056.6	5365.6	5643.4	5909.0	6155.3	6395.7	6612.7	6756.5
10°	4177.6	4501.6	4835.8	5166.6	5479.8	5773.7	6062.5	6322.9	6559.1	6753.4	6914.1
7.5°	4250.0	4583.8	4923.2	5254.6	5566.7	5870.4	6167.6	6444.3	6682.7	6865.8	7009.1
5°	4303.4	4645.2	4991.1	5325.5	5642.0	5946.7	6245.3	6518.4	6751.2	6937.5	7093.7
2.5°	4341.6	4686.6	5034.9	5369.9	5693.4	5998.9	6304.8	6581.1	6806.5	6977.2	7126.8
0°	4366.1	4711.6	5062.6	5405.4	5723.0	6018.3	6347.1	6606.2	6840.3	7010.3	7166.3
-2.5°	4341.6	4686.6	5034.9	5369.9	5693.4	5998.9	6304.8	6581.1	6806.5	6977.2	7126.8
-5°	4303.4	4645.2	4991.1	5325.5	5642.0	5946.7	6245.3	6518.4	6751.2	6937.5	7093.7
-7.5°	4250.0	4583.8	4923.2	5254.6	5566.7	5870.4	6167.6	6444.3	6682.7	6865.8	7009.1
-10°	4177.6	4501.6	4835.8	5166.6	5479.8	5773.7	6062.5	6322.9	6559.1	6753.4	6914.1
-12.5°	4093.8	4408.5	4732.2	5056.6	5365.6	5643.4	5909.0	6155.3	6395.7	6612.7	6756.5
-15°	3995.5	4298.2	4608.4	4914.0	5206.2	5484.4	5738.0	5980.8	6209.7	6402.9	6559.4
-17.5°	3874.1	4173.8	4457.9	4744.1	5021.2	5295.9	5549.8	5782.3	5988.4	6167.1	6321.3
-20°	3730.7	4022.9	4292.7	4561.5	4824.4	5086.3	5336.2	5553.2	5744.2	5912.4	6059.7

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Scaled Data Report



REPORT NUMBER: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3577.3	3850.0	4113.7	4367.9	4617.5	4862.7	5095.4	5301.1	5481.6	5639.6	5773.3
-25°	3412.7	3668.3	3919.3	4161.0	4394.3	4621.8	4834.4	5031.3	5201.7	5352.8	5473.6
-27.5°	3240.4	3478.2	3713.6	3941.6	4160.0	4366.3	4563.2	4743.6	4903.1	5040.8	5158.3
-30°	3058.0	3279.5	3498.9	3712.2	3914.2	4104.1	4284.4	4450.9	4597.1	4723.7	4835.2
-32.5°	2872.2	3076.6	3278.1	3474.9	3661.9	3837.1	4000.0	4157.4	4293.3	4409.1	4508.5
-35°	2680.2	2870.3	3055.5	3234.2	3405.1	3567.5	3717.9	3860.3	3992.5	4097.8	4184.3
-37.5°	2487.5	2660.7	2829.8	2992.3	3148.7	3295.9	3433.3	3558.4	3670.5	3774.5	3859.0
-40°	2295.5	2453.0	2605.7	2750.7	2892.7	3028.6	3155.8	3266.5	3365.9	3457.2	3533.3
-42.5°	2102.6	2246.5	2385.1	2518.0	2642.3	2767.0	2884.5	2989.5	3077.6	3154.5	3219.0
-45°	1912.2	2041.2	2164.9	2286.8	2399.8	2507.6	2612.1	2708.2	2785.4	2853.0	2909.8
-47.5°	1724.1	1839.0	1951.2	2057.8	2160.4	2256.6	2341.3	2418.4	2493.7	2555.1	2603.7
-50°	1542.9	1643.9	1744.3	1837.5	1930.2	2016.7	2094.9	2162.6	2223.0	2275.3	2316.4
-52.5°	1369.7	1458.0	1544.6	1628.4	1709.1	1784.1	1852.4	1910.7	1962.6	2007.1	2042.5
-55°	1211.4	1284.1	1350.8	1424.3	1495.4	1560.2	1617.1	1667.2	1710.5	1746.8	1777.6
-57.5°	1067.4	1125.5	1183.0	1241.3	1296.5	1348.0	1396.3	1438.9	1474.9	1504.4	1529.2
-60°	934.1	979.0	1028.2	1075.1	1118.3	1157.8	1197.0	1231.0	1260.1	1284.2	1303.6
-62.5°	810.0	849.5	886.2	921.8	956.6	991.0	1017.3	1041.3	1062.7	1081.0	1095.6
-65°	690.7	722.9	751.5	777.7	801.8	827.0	847.8	865.2	879.2	890.8	900.1
-67.5°	577.2	602.4	624.4	643.2	661.8	679.2	693.5	705.2	714.3	722.0	727.9
-70°	476.5	495.2	511.1	526.2	541.6	553.9	563.2	569.9	574.2	577.0	579.0
-72.5°	387.0	404.5	418.8	432.2	443.6	451.8	457.6	462.1	465.1	462.1	456.7
-75°	304.5	321.3	337.6	351.4	362.9	368.2	370.8	372.6	373.6	363.6	350.6
-77.5°	233.5	250.7	265.7	279.5	292.1	294.4	294.1	293.4	292.4	278.5	261.7
-80°	164.1	177.7	190.6	203.4	216.0	217.4	216.0	213.4	209.7	196.0	180.6
-82.5°	100.5	108.6	116.2	123.9	131.4	133.3	133.9	133.7	132.6	122.2	110.7
-85°	46.6	49.8	52.9	55.9	58.7	61.3	63.8	66.1	68.2	62.3	55.8
-87.5°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.2	9.6
-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: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
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°	9.0	8.4	8.4	8.4	8.4	8.4	9.0	9.6	10.2	10.7	10.6
85°	48.8	41.6	39.0	36.2	39.0	41.6	48.8	55.8	62.3	68.2	66.1
82.5°	98.7	86.1	82.1	78.0	82.1	86.1	98.7	110.7	122.2	132.6	133.7
80°	164.3	147.3	140.6	133.7	140.6	147.3	164.3	180.6	196.0	209.7	213.4
77.5°	243.9	225.2	217.2	209.0	217.2	225.2	243.9	261.7	278.5	292.4	293.4
75°	336.8	322.1	313.2	303.7	313.2	322.1	336.8	350.6	363.6	373.6	372.6
72.5°	450.6	443.5	437.0	429.1	437.0	443.5	450.6	456.7	462.1	465.1	462.1
70°	579.6	578.7	579.9	579.5	579.9	578.7	579.6	579.0	577.0	574.2	569.9
67.5°	730.9	731.1	734.2	735.6	734.2	731.1	730.9	727.9	722.0	714.3	705.2
65°	905.8	907.9	907.2	902.8	907.2	907.9	905.8	900.1	890.8	879.2	865.2
62.5°	1106.0	1112.0	1115.3	1114.5	1115.3	1112.0	1106.0	1095.6	1081.0	1062.7	1041.3
60°	1318.1	1327.6	1332.3	1331.8	1332.3	1327.6	1318.1	1303.6	1284.2	1260.1	1231.0
57.5°	1547.7	1559.8	1562.6	1557.5	1562.6	1559.8	1547.7	1529.2	1504.4	1474.9	1438.9
55°	1800.8	1816.3	1822.3	1819.4	1822.3	1816.3	1800.8	1777.6	1746.8	1710.5	1667.2
52.5°	2068.5	2085.2	2091.2	2086.9	2091.2	2085.2	2068.5	2042.5	2007.1	1962.6	1910.7
50°	2346.6	2366.8	2375.0	2371.1	2375.0	2366.8	2346.6	2316.4	2275.3	2223.0	2162.6
47.5°	2641.7	2668.6	2679.1	2672.0	2679.1	2668.6	2641.7	2603.7	2555.1	2493.7	2418.4
45°	2952.3	2980.2	2991.1	2984.1	2991.1	2980.2	2952.3	2909.8	2853.0	2785.4	2708.2
42.5°	3268.4	3304.7	3320.1	3307.3	3320.1	3304.7	3268.4	3219.0	3154.5	3077.6	2989.5
40°	3590.1	3629.5	3647.7	3638.9	3647.7	3629.5	3590.1	3533.3	3457.2	3365.9	3266.5
37.5°	3920.0	3959.2	3978.5	3978.8	3978.5	3959.2	3920.0	3859.0	3774.5	3670.5	3558.4
35°	4251.2	4298.7	4325.6	4324.3	4325.6	4298.7	4251.2	4184.3	4097.8	3992.5	3860.3
32.5°	4587.1	4638.4	4665.9	4669.8	4665.9	4638.4	4587.1	4508.5	4409.1	4293.3	4157.4
30°	4922.3	4978.8	5010.6	5023.6	5010.6	4978.8	4922.3	4835.2	4723.7	4597.1	4450.9
27.5°	5247.4	5316.9	5365.0	5369.1	5365.0	5316.9	5247.4	5158.3	5040.8	4903.1	4743.6
25°	5562.2	5633.1	5682.3	5692.3	5682.3	5633.1	5562.2	5473.6	5352.8	5201.7	5031.3
22.5°	5872.6	5946.7	5992.1	6010.0	5992.1	5946.7	5872.6	5773.3	5639.6	5481.6	5301.1
20°	6168.8	6249.1	6297.3	6316.5	6297.3	6249.1	6168.8	6059.7	5912.4	5744.2	5553.2
17.5°	6436.8	6521.6	6581.2	6597.9	6581.2	6521.6	6436.8	6321.3	6167.1	5988.4	5782.3
15°	6672.7	6753.1	6809.6	6831.9	6809.6	6753.1	6672.7	6559.4	6402.9	6209.7	5980.8
12.5°	6864.7	6936.6	6980.9	7001.9	6980.9	6936.6	6864.7	6756.5	6612.7	6395.7	6155.3
10°	7014.7	7086.8	7129.1	7157.9	7129.1	7086.8	7014.7	6914.1	6753.4	6559.1	6322.9
7.5°	7144.8	7218.8	7270.5	7311.2	7270.5	7218.8	7144.8	7009.1	6865.8	6682.7	6444.3
5°	7216.7	7340.2	7358.8	7386.4	7358.8	7340.2	7216.7	7093.7	6937.5	6751.2	6518.4
2.5°	7271.5	7359.1	7411.7	7405.9	7411.7	7359.1	7271.5	7126.8	6977.2	6806.5	6581.1
0°	7311.2	7389.2	7408.7	7433.8	7408.7	7389.2	7311.2	7166.3	7010.3	6840.3	6606.2
-2.5°	7271.5	7359.1	7411.7	7405.9	7411.7	7359.1	7271.5	7126.8	6977.2	6806.5	6581.1
-5°	7216.7	7340.2	7358.8	7386.4	7358.8	7340.2	7216.7	7093.7	6937.5	6751.2	6518.4
-7.5°	7144.8	7218.8	7270.5	7311.2	7270.5	7218.8	7144.8	7009.1	6865.8	6682.7	6444.3
-10°	7014.7	7086.8	7129.1	7157.9	7129.1	7086.8	7014.7	6914.1	6753.4	6559.1	6322.9
-12.5°	6864.7	6936.6	6980.9	7001.9	6980.9	6936.6	6864.7	6756.5	6612.7	6395.7	6155.3
-15°	6672.7	6753.1	6809.6	6831.9	6809.6	6753.1	6672.7	6559.4	6402.9	6209.7	5980.8
-17.5°	6436.8	6521.6	6581.2	6597.9	6581.2	6521.6	6436.8	6321.3	6167.1	5988.4	5782.3
-20°	6168.8	6249.1	6297.3	6316.5	6297.3	6249.1	6168.8	6059.7	5912.4	5744.2	5553.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5872.6	5946.7	5992.1	6010.0	5992.1	5946.7	5872.6	5773.3	5639.6	5481.6	5301.1
-25°	5562.2	5633.1	5682.3	5692.3	5682.3	5633.1	5562.2	5473.6	5352.8	5201.7	5031.3
-27.5°	5247.4	5316.9	5365.0	5369.1	5365.0	5316.9	5247.4	5158.3	5040.8	4903.1	4743.6
-30°	4922.3	4978.8	5010.6	5023.6	5010.6	4978.8	4922.3	4835.2	4723.7	4597.1	4450.9
-32.5°	4587.1	4638.4	4665.9	4669.8	4665.9	4638.4	4587.1	4508.5	4409.1	4293.3	4157.4
-35°	4251.2	4298.7	4325.6	4324.3	4325.6	4298.7	4251.2	4184.3	4097.8	3992.5	3860.3
-37.5°	3920.0	3959.2	3978.5	3978.8	3978.5	3959.2	3920.0	3859.0	3774.5	3670.5	3558.4
-40°	3590.1	3629.5	3647.7	3638.9	3647.7	3629.5	3590.1	3533.3	3457.2	3365.9	3266.5
-42.5°	3268.4	3304.7	3320.1	3307.3	3320.1	3304.7	3268.4	3219.0	3154.5	3077.6	2989.5
-45°	2952.3	2980.2	2991.1	2984.1	2991.1	2980.2	2952.3	2909.8	2853.0	2785.4	2708.2
-47.5°	2641.7	2668.6	2679.1	2672.0	2679.1	2668.6	2641.7	2603.7	2555.1	2493.7	2418.4
-50°	2346.6	2366.8	2375.0	2371.1	2375.0	2366.8	2346.6	2316.4	2275.3	2223.0	2162.6
-52.5°	2068.5	2085.2	2091.2	2086.9	2091.2	2085.2	2068.5	2042.5	2007.1	1962.6	1910.7
-55°	1800.8	1816.3	1822.3	1819.4	1822.3	1816.3	1800.8	1777.6	1746.8	1710.5	1667.2
-57.5°	1547.7	1559.8	1562.6	1557.5	1562.6	1559.8	1547.7	1529.2	1504.4	1474.9	1438.9
-60°	1318.1	1327.6	1332.3	1331.8	1332.3	1327.6	1318.1	1303.6	1284.2	1260.1	1231.0
-62.5°	1106.0	1112.0	1115.3	1114.5	1115.3	1112.0	1106.0	1095.6	1081.0	1062.7	1041.3
-65°	905.8	907.9	907.2	902.8	907.2	907.9	905.8	900.1	890.8	879.2	865.2
-67.5°	730.9	731.1	734.2	735.6	734.2	731.1	730.9	727.9	722.0	714.3	705.2
-70°	579.6	578.7	579.9	579.5	579.9	578.7	579.6	579.0	577.0	574.2	569.9
-72.5°	450.6	443.5	437.0	429.1	437.0	443.5	450.6	456.7	462.1	465.1	462.1
-75°	336.8	322.1	313.2	303.7	313.2	322.1	336.8	350.6	363.6	373.6	372.6
-77.5°	243.9	225.2	217.2	209.0	217.2	225.2	243.9	261.7	278.5	292.4	293.4
-80°	164.3	147.3	140.6	133.7	140.6	147.3	164.3	180.6	196.0	209.7	213.4
-82.5°	98.7	86.1	82.1	78.0	82.1	86.1	98.7	110.7	122.2	132.6	133.7
-85°	48.8	41.6	39.0	36.2	39.0	41.6	48.8	55.8	62.3	68.2	66.1
-87.5°	9.0	8.4	8.4	8.4	8.4	8.4	9.0	9.6	10.2	10.7	10.6
-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: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.9
85°	63.8	61.3	58.7	55.9	52.9	49.8	46.6	40.8	35.5	30.5	26.2
82.5°	133.9	133.3	131.4	123.9	116.2	108.6	100.5	88.5	76.7	65.3	55.2
80°	216.0	217.4	216.0	203.4	190.6	177.7	164.1	146.5	128.8	111.9	99.2
77.5°	294.1	294.4	292.1	279.5	265.7	250.7	233.5	212.3	191.2	169.8	153.5
75°	370.8	368.2	362.9	351.4	337.6	321.3	304.5	286.0	264.3	239.4	218.1
72.5°	457.6	451.8	443.6	432.2	418.8	404.5	387.0	366.5	343.8	318.9	296.4
70°	563.2	553.9	541.6	526.2	511.1	495.2	476.5	453.9	427.5	400.0	374.9
67.5°	693.5	679.2	661.8	643.2	624.4	602.4	577.2	549.7	522.4	491.9	457.5
65°	847.8	827.0	801.8	777.7	751.5	722.9	690.7	658.8	625.4	588.8	545.1
62.5°	1017.3	991.0	956.6	921.8	886.2	849.5	810.0	770.8	731.0	687.8	638.6
60°	1197.0	1157.8	1118.3	1075.1	1028.2	979.0	934.1	886.4	836.0	787.1	733.2
57.5°	1396.3	1348.0	1296.5	1241.3	1183.0	1125.5	1067.4	1007.4	950.4	890.8	829.8
55°	1617.1	1560.2	1495.4	1424.3	1350.8	1284.1	1211.4	1138.6	1069.9	997.7	930.4
52.5°	1852.4	1784.1	1709.1	1628.4	1544.6	1458.0	1369.7	1286.1	1196.6	1114.9	1033.6
50°	2094.9	2016.7	1930.2	1837.5	1744.3	1643.9	1542.9	1442.4	1341.1	1240.8	1143.4
47.5°	2341.3	2256.6	2160.4	2057.8	1951.2	1839.0	1724.1	1603.3	1491.2	1374.9	1264.2
45°	2612.1	2507.6	2399.8	2286.8	2164.9	2041.2	1912.2	1779.9	1645.1	1517.2	1387.5
42.5°	2884.5	2767.0	2642.3	2518.0	2385.1	2246.5	2102.6	1956.8	1808.7	1661.1	1519.3
40°	3155.8	3028.6	2892.7	2750.7	2605.7	2453.0	2295.5	2133.3	1972.4	1810.2	1649.8
37.5°	3433.3	3295.9	3148.7	2992.3	2829.8	2660.7	2487.5	2311.9	2134.4	1959.9	1785.9
35°	3717.9	3567.5	3405.1	3234.2	3055.5	2870.3	2680.2	2488.0	2297.1	2108.3	1919.7
32.5°	4000.0	3837.1	3661.9	3474.9	3278.1	3076.6	2872.2	2664.6	2455.7	2254.1	2053.3
30°	4284.4	4104.1	3914.2	3712.2	3498.9	3279.5	3058.0	2838.1	2615.4	2393.6	2181.2
27.5°	4563.2	4366.3	4160.0	3941.6	3713.6	3478.2	3240.4	3005.6	2768.1	2532.3	2303.3
25°	4834.4	4621.8	4394.3	4161.0	3919.3	3668.3	3412.7	3164.3	2916.3	2663.9	2412.8
22.5°	5095.4	4862.7	4617.5	4367.9	4113.7	3850.0	3577.3	3309.7	3053.1	2782.0	2519.6
20°	5336.2	5086.3	4824.4	4561.5	4292.7	4022.9	3730.7	3446.0	3170.0	2891.7	2616.4
17.5°	5549.8	5295.9	5021.2	4744.1	4457.9	4173.8	3874.1	3570.1	3277.6	2989.2	2701.6
15°	5738.0	5484.4	5206.2	4914.0	4608.4	4298.2	3995.5	3679.7	3375.7	3075.3	2780.3
12.5°	5909.0	5643.4	5365.6	5056.6	4732.2	4408.5	4093.8	3775.8	3462.9	3154.1	2851.2
10°	6062.5	5773.7	5479.8	5166.6	4835.8	4501.6	4177.6	3856.6	3537.1	3221.6	2909.6
7.5°	6167.6	5870.4	5566.7	5254.6	4923.2	4583.8	4250.0	3921.5	3595.0	3275.4	2955.1
5°	6245.3	5946.7	5642.0	5325.5	4991.1	4645.2	4303.4	3968.5	3636.2	3314.7	2987.6
2.5°	6304.8	5998.9	5693.4	5369.9	5034.9	4686.6	4341.6	4003.9	3668.9	3343.6	3016.3
0°	6347.1	6018.3	5723.0	5405.4	5062.6	4711.6	4366.1	4026.2	3689.0	3357.5	3031.5
-2.5°	6304.8	5998.9	5693.4	5369.9	5034.9	4686.6	4341.6	4003.9	3668.9	3343.6	3016.3
-5°	6245.3	5946.7	5642.0	5325.5	4991.1	4645.2	4303.4	3968.5	3636.2	3314.7	2987.6
-7.5°	6167.6	5870.4	5566.7	5254.6	4923.2	4583.8	4250.0	3921.5	3595.0	3275.4	2955.1
-10°	6062.5	5773.7	5479.8	5166.6	4835.8	4501.6	4177.6	3856.6	3537.1	3221.6	2909.6
-12.5°	5909.0	5643.4	5365.6	5056.6	4732.2	4408.5	4093.8	3775.8	3462.9	3154.1	2851.2
-15°	5738.0	5484.4	5206.2	4914.0	4608.4	4298.2	3995.5	3679.7	3375.7	3075.3	2780.3
-17.5°	5549.8	5295.9	5021.2	4744.1	4457.9	4173.8	3874.1	3570.1	3277.6	2989.2	2701.6
-20°	5336.2	5086.3	4824.4	4561.5	4292.7	4022.9	3730.7	3446.0	3170.0	2891.7	2616.4

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Scaled Data Report



REPORT NUMBER: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5095.4	4862.7	4617.5	4367.9	4113.7	3850.0	3577.3	3309.7	3053.1	2782.0	2519.6
-25°	4834.4	4621.8	4394.3	4161.0	3919.3	3668.3	3412.7	3164.3	2916.3	2663.9	2412.8
-27.5°	4563.2	4366.3	4160.0	3941.6	3713.6	3478.2	3240.4	3005.6	2768.1	2532.3	2303.3
-30°	4284.4	4104.1	3914.2	3712.2	3498.9	3279.5	3058.0	2838.1	2615.4	2393.6	2181.2
-32.5°	4000.0	3837.1	3661.9	3474.9	3278.1	3076.6	2872.2	2664.6	2455.7	2254.1	2053.3
-35°	3717.9	3567.5	3405.1	3234.2	3055.5	2870.3	2680.2	2488.0	2297.1	2108.3	1919.7
-37.5°	3433.3	3295.9	3148.7	2992.3	2829.8	2660.7	2487.5	2311.9	2134.4	1959.9	1785.9
-40°	3155.8	3028.6	2892.7	2750.7	2605.7	2453.0	2295.5	2133.3	1972.4	1810.2	1649.8
-42.5°	2884.5	2767.0	2642.3	2518.0	2385.1	2246.5	2102.6	1956.8	1808.7	1661.1	1519.3
-45°	2612.1	2507.6	2399.8	2286.8	2164.9	2041.2	1912.2	1779.9	1645.1	1517.2	1387.5
-47.5°	2341.3	2256.6	2160.4	2057.8	1951.2	1839.0	1724.1	1603.3	1491.2	1374.9	1264.2
-50°	2094.9	2016.7	1930.2	1837.5	1744.3	1643.9	1542.9	1442.4	1341.1	1240.8	1143.4
-52.5°	1852.4	1784.1	1709.1	1628.4	1544.6	1458.0	1369.7	1286.1	1196.6	1114.9	1033.6
-55°	1617.1	1560.2	1495.4	1424.3	1350.8	1284.1	1211.4	1138.6	1069.9	997.7	930.4
-57.5°	1396.3	1348.0	1296.5	1241.3	1183.0	1125.5	1067.4	1007.4	950.4	890.8	829.8
-60°	1197.0	1157.8	1118.3	1075.1	1028.2	979.0	934.1	886.4	836.0	787.1	733.2
-62.5°	1017.3	991.0	956.6	921.8	886.2	849.5	810.0	770.8	731.0	687.8	638.6
-65°	847.8	827.0	801.8	777.7	751.5	722.9	690.7	658.8	625.4	588.8	545.1
-67.5°	693.5	679.2	661.8	643.2	624.4	602.4	577.2	549.7	522.4	491.9	457.5
-70°	563.2	553.9	541.6	526.2	511.1	495.2	476.5	453.9	427.5	400.0	374.9
-72.5°	457.6	451.8	443.6	432.2	418.8	404.5	387.0	366.5	343.8	318.9	296.4
-75°	370.8	368.2	362.9	351.4	337.6	321.3	304.5	286.0	264.3	239.4	218.1
-77.5°	294.1	294.4	292.1	279.5	265.7	250.7	233.5	212.3	191.2	169.8	153.5
-80°	216.0	217.4	216.0	203.4	190.6	177.7	164.1	146.5	128.8	111.9	99.2
-82.5°	133.9	133.3	131.4	123.9	116.2	108.6	100.5	88.5	76.7	65.3	55.2
-85°	63.8	61.3	58.7	55.9	52.9	49.8	46.6	40.8	35.5	30.5	26.2
-87.5°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.9
-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: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
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°	8.0	8.0	8.0	8.0	7.1	6.2	5.4	4.7	4.2	3.8	3.3
85°	26.3	25.7	24.3	22.0	17.3	12.5	10.9	9.4	8.5	7.6	6.7
82.5°	55.1	55.6	55.6	53.9	47.6	40.9	33.9	26.6	19.7	12.5	10.0
80°	99.4	98.3	96.0	91.4	81.0	69.3	60.4	51.2	42.2	32.8	23.1
77.5°	150.2	145.9	140.7	134.7	123.7	110.7	95.8	78.9	64.6	53.0	41.0
75°	207.1	200.2	192.9	182.9	168.7	152.5	136.1	116.4	94.5	73.9	58.8
72.5°	278.3	261.8	247.0	233.1	217.7	199.6	178.7	153.3	126.7	101.6	78.0
70°	350.5	325.7	303.6	284.6	266.1	247.1	224.1	192.8	158.3	128.7	101.0
67.5°	423.8	394.5	364.9	336.5	313.1	290.8	268.6	232.2	192.6	155.2	123.4
65°	504.7	465.6	428.0	392.9	361.2	333.2	307.2	269.0	225.8	183.9	145.2
62.5°	588.1	538.1	493.6	448.9	409.4	375.4	344.1	302.0	257.7	211.6	168.0
60°	675.7	618.8	559.6	507.4	458.9	416.0	378.1	334.5	287.5	238.2	190.6
57.5°	767.9	701.1	634.5	568.6	510.3	458.8	411.2	365.3	316.7	264.5	211.7
55°	861.4	789.4	710.7	636.3	564.9	503.5	446.2	394.9	345.0	290.4	229.9
52.5°	955.0	875.9	791.4	705.5	625.6	548.7	484.6	423.7	371.0	315.6	248.8
50°	1052.9	962.2	871.7	778.9	685.9	601.7	521.8	456.7	396.3	339.6	266.8
47.5°	1154.8	1053.8	953.0	851.6	751.9	652.5	565.2	489.0	420.7	361.3	283.6
45°	1266.5	1148.3	1036.8	927.1	814.4	707.3	609.2	520.0	448.3	378.2	299.0
42.5°	1378.1	1248.1	1123.5	1001.6	879.8	761.7	650.8	556.4	474.8	394.3	313.1
40°	1496.7	1348.3	1210.2	1077.8	943.7	813.5	697.0	592.0	499.5	411.1	326.6
37.5°	1612.2	1450.9	1299.1	1150.6	1006.3	869.4	741.3	625.3	523.1	430.0	339.3
35°	1734.3	1554.1	1381.4	1223.9	1070.7	922.4	782.9	658.8	550.2	448.4	351.2
32.5°	1852.3	1654.9	1469.7	1296.2	1132.2	972.4	825.6	694.4	576.2	466.3	362.4
30°	1968.3	1756.1	1554.4	1364.5	1191.8	1024.8	868.4	727.6	601.1	483.5	373.7
27.5°	2075.3	1849.9	1635.5	1435.2	1250.3	1074.5	908.9	758.5	624.7	501.2	386.7
25°	2174.9	1940.1	1715.5	1503.2	1304.7	1121.6	946.2	787.0	648.8	519.7	398.8
22.5°	2268.4	2023.9	1788.0	1565.8	1355.0	1164.9	982.5	817.3	671.5	536.7	409.9
20°	2353.3	2099.3	1853.0	1622.6	1404.0	1206.1	1017.4	844.6	691.8	552.2	419.9
17.5°	2429.8	2168.3	1914.9	1675.7	1449.6	1242.8	1048.5	868.6	709.7	565.9	428.7
15°	2500.9	2230.9	1969.7	1722.0	1489.1	1274.7	1075.5	889.3	725.0	577.9	437.1
12.5°	2561.9	2284.6	2016.2	1761.4	1522.4	1301.7	1098.4	906.6	737.7	588.7	444.9
10°	2612.2	2329.1	2054.1	1793.6	1549.3	1323.7	1117.0	921.2	749.6	598.1	451.0
7.5°	2651.3	2363.8	2083.4	1818.4	1570.6	1342.0	1132.8	933.8	759.2	605.2	455.2
5°	2681.0	2391.0	2108.8	1839.2	1590.3	1356.9	1144.3	942.9	766.1	610.2	457.6
2.5°	2707.3	2411.4	2128.8	1852.7	1603.6	1366.5	1151.2	948.3	770.4	612.8	458.2
0°	2722.2	2421.3	2139.9	1858.4	1610.5	1370.8	1153.5	950.1	771.8	613.0	456.9
-2.5°	2707.3	2411.4	2128.8	1852.7	1603.6	1366.5	1151.2	948.3	770.4	612.8	458.2
-5°	2681.0	2391.0	2108.8	1839.2	1590.3	1356.9	1144.3	942.9	766.1	610.2	457.6
-7.5°	2651.3	2363.8	2083.4	1818.4	1570.6	1342.0	1132.8	933.8	759.2	605.2	455.2
-10°	2612.2	2329.1	2054.1	1793.6	1549.3	1323.7	1117.0	921.2	749.6	598.1	451.0
-12.5°	2561.9	2284.6	2016.2	1761.4	1522.4	1301.7	1098.4	906.6	737.7	588.7	444.9
-15°	2500.9	2230.9	1969.7	1722.0	1489.1	1274.7	1075.5	889.3	725.0	577.9	437.1
-17.5°	2429.8	2168.3	1914.9	1675.7	1449.6	1242.8	1048.5	868.6	709.7	565.9	428.7
-20°	2353.3	2099.3	1853.0	1622.6	1404.0	1206.1	1017.4	844.6	691.8	552.2	419.9

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2268.4	2023.9	1788.0	1565.8	1355.0	1164.9	982.5	817.3	671.5	536.7	409.9
-25°	2174.9	1940.1	1715.5	1503.2	1304.7	1121.6	946.2	787.0	648.8	519.7	398.8
-27.5°	2075.3	1849.9	1635.5	1435.2	1250.3	1074.5	908.9	758.5	624.7	501.2	386.7
-30°	1968.3	1756.1	1554.4	1364.5	1191.8	1024.8	868.4	727.6	601.1	483.5	373.7
-32.5°	1852.3	1654.9	1469.7	1296.2	1132.2	972.4	825.6	694.4	576.2	466.3	362.4
-35°	1734.3	1554.1	1381.4	1223.9	1070.7	922.4	782.9	658.8	550.2	448.4	351.2
-37.5°	1612.2	1450.9	1299.1	1150.6	1006.3	869.4	741.3	625.3	523.1	430.0	339.3
-40°	1496.7	1348.3	1210.2	1077.8	943.7	813.5	697.0	592.0	499.5	411.1	326.6
-42.5°	1378.1	1248.1	1123.5	1001.6	879.8	761.7	650.8	556.4	474.8	394.3	313.1
-45°	1266.5	1148.3	1036.8	927.1	814.4	707.3	609.2	520.0	448.3	378.2	299.0
-47.5°	1154.8	1053.8	953.0	851.6	751.9	652.5	565.2	489.0	420.7	361.3	283.6
-50°	1052.9	962.2	871.7	778.9	685.9	601.7	521.8	456.7	396.3	339.6	266.8
-52.5°	955.0	875.9	791.4	705.5	625.6	548.7	484.6	423.7	371.0	315.6	248.8
-55°	861.4	789.4	710.7	636.3	564.9	503.5	446.2	394.9	345.0	290.4	229.9
-57.5°	767.9	701.1	634.5	568.6	510.3	458.8	411.2	365.3	316.7	264.5	211.7
-60°	675.7	618.8	559.6	507.4	458.9	416.0	378.1	334.5	287.5	238.2	190.6
-62.5°	588.1	538.1	493.6	448.9	409.4	375.4	344.1	302.0	257.7	211.6	168.0
-65°	504.7	465.6	428.0	392.9	361.2	333.2	307.2	269.0	225.8	183.9	145.2
-67.5°	423.8	394.5	364.9	336.5	313.1	290.8	268.6	232.2	192.6	155.2	123.4
-70°	350.5	325.7	303.6	284.6	266.1	247.1	224.1	192.8	158.3	128.7	101.0
-72.5°	278.3	261.8	247.0	233.1	217.7	199.6	178.7	153.3	126.7	101.6	78.0
-75°	207.1	200.2	192.9	182.9	168.7	152.5	136.1	116.4	94.5	73.9	58.8
-77.5°	150.2	145.9	140.7	134.7	123.7	110.7	95.8	78.9	64.6	53.0	41.0
-80°	99.4	98.3	96.0	91.4	81.0	69.3	60.4	51.2	42.2	32.8	23.1
-82.5°	55.1	55.6	55.6	53.9	47.6	40.9	33.9	26.6	19.7	12.5	10.0
-85°	26.3	25.7	24.3	22.0	17.3	12.5	10.9	9.4	8.5	7.6	6.7
-87.5°	8.0	8.0	8.0	8.0	7.1	6.2	5.4	4.7	4.2	3.8	3.3
-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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REPORT NUMBER: P627021 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.4	1.9	1.4	1.0	0.4	0.0
85°	5.7	4.8	3.9	2.9	1.9	0.8	0.0
82.5°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
80°	12.9	9.6	7.7	5.8	3.8	1.7	0.0
77.5°	28.2	15.0	9.6	7.2	4.8	2.1	0.0
75°	43.2	26.0	12.5	8.6	5.7	2.5	0.0
72.5°	57.7	36.7	19.9	10.0	6.6	2.9	0.0
70°	72.1	47.0	27.1	12.0	7.5	3.3	0.0
67.5°	89.5	56.9	34.0	16.4	8.3	3.7	0.0
65°	106.1	67.9	40.6	20.7	9.2	4.1	0.0
62.5°	121.9	80.0	46.9	24.8	10.0	4.4	0.0
60°	136.8	91.5	52.7	28.6	10.7	4.8	0.0
57.5°	152.4	102.2	60.6	32.3	12.9	5.1	0.0
55°	167.2	112.3	68.1	35.7	15.0	5.5	0.0
52.5°	180.9	121.8	75.0	38.8	17.1	5.8	0.0
50°	193.5	131.8	81.4	41.6	19.0	6.1	0.0
47.5°	205.3	141.0	87.2	44.6	20.9	6.3	0.0
45°	218.4	149.3	92.5	48.5	22.7	6.6	0.0
42.5°	230.4	156.7	97.1	52.0	24.3	6.9	0.0
40°	241.3	163.2	101.8	55.6	25.9	7.1	0.0
37.5°	251.1	168.7	106.4	59.1	27.4	7.3	0.0
35°	259.7	175.0	110.4	62.4	28.7	7.5	0.0
32.5°	267.6	181.4	113.7	65.5	30.0	7.7	0.0
30°	275.9	186.9	116.4	68.3	31.2	7.9	0.0
27.5°	283.3	191.4	120.3	70.8	32.2	8.0	0.0
25°	289.9	194.9	124.1	73.0	33.1	8.1	0.0
22.5°	295.5	198.5	127.4	75.0	33.9	8.2	0.0
20°	300.1	203.5	130.2	76.8	34.6	8.3	0.0
17.5°	305.9	207.5	132.6	78.2	35.2	8.4	0.0
15°	311.9	210.6	134.5	79.4	35.7	8.5	0.0
12.5°	316.8	212.9	135.9	80.3	36.1	8.5	0.0
10°	320.5	214.3	136.9	80.9	36.3	8.5	0.0
7.5°	323.0	214.9	137.5	81.3	36.4	8.5	0.0
5°	324.4	214.6	137.6	81.4	36.5	8.5	0.0
2.5°	324.4	213.6	137.3	81.2	36.4	8.5	0.0
0°	323.2	211.8	136.5	80.8	36.2	8.4	0.0
-2.5°	324.4	213.6	137.3	81.2	36.4	8.5	0.0
-5°	324.4	214.6	137.6	81.4	36.5	8.5	0.0
-7.5°	323.0	214.9	137.5	81.3	36.4	8.5	0.0
-10°	320.5	214.3	136.9	80.9	36.3	8.5	0.0
-12.5°	316.8	212.9	135.9	80.3	36.1	8.5	0.0
-15°	311.9	210.6	134.5	79.4	35.7	8.5	0.0
-17.5°	305.9	207.5	132.6	78.2	35.2	8.4	0.0
-20°	300.1	203.5	130.2	76.8	34.6	8.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	295.5	198.5	127.4	75.0	33.9	8.2	0.0
-25°	289.9	194.9	124.1	73.0	33.1	8.1	0.0
-27.5°	283.3	191.4	120.3	70.8	32.2	8.0	0.0
-30°	275.9	186.9	116.4	68.3	31.2	7.9	0.0
-32.5°	267.6	181.4	113.7	65.5	30.0	7.7	0.0
-35°	259.7	175.0	110.4	62.4	28.7	7.5	0.0
-37.5°	251.1	168.7	106.4	59.1	27.4	7.3	0.0
-40°	241.3	163.2	101.8	55.6	25.9	7.1	0.0
-42.5°	230.4	156.7	97.1	52.0	24.3	6.9	0.0
-45°	218.4	149.3	92.5	48.5	22.7	6.6	0.0
-47.5°	205.3	141.0	87.2	44.6	20.9	6.3	0.0
-50°	193.5	131.8	81.4	41.6	19.0	6.1	0.0
-52.5°	180.9	121.8	75.0	38.8	17.1	5.8	0.0
-55°	167.2	112.3	68.1	35.7	15.0	5.5	0.0
-57.5°	152.4	102.2	60.6	32.3	12.9	5.1	0.0
-60°	136.8	91.5	52.7	28.6	10.7	4.8	0.0
-62.5°	121.9	80.0	46.9	24.8	10.0	4.4	0.0
-65°	106.1	67.9	40.6	20.7	9.2	4.1	0.0
-67.5°	89.5	56.9	34.0	16.4	8.3	3.7	0.0
-70°	72.1	47.0	27.1	12.0	7.5	3.3	0.0
-72.5°	57.7	36.7	19.9	10.0	6.6	2.9	0.0
-75°	43.2	26.0	12.5	8.6	5.7	2.5	0.0
-77.5°	28.2	15.0	9.6	7.2	4.8	2.1	0.0
-80°	12.9	9.6	7.7	5.8	3.8	1.7	0.0
-82.5°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
-85°	5.7	4.8	3.9	2.9	1.9	0.8	0.0
-87.5°	2.9	2.4	1.9	1.4	1.0	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)