

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



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: McGRAW-EDISON

Report Number: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-730-U-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

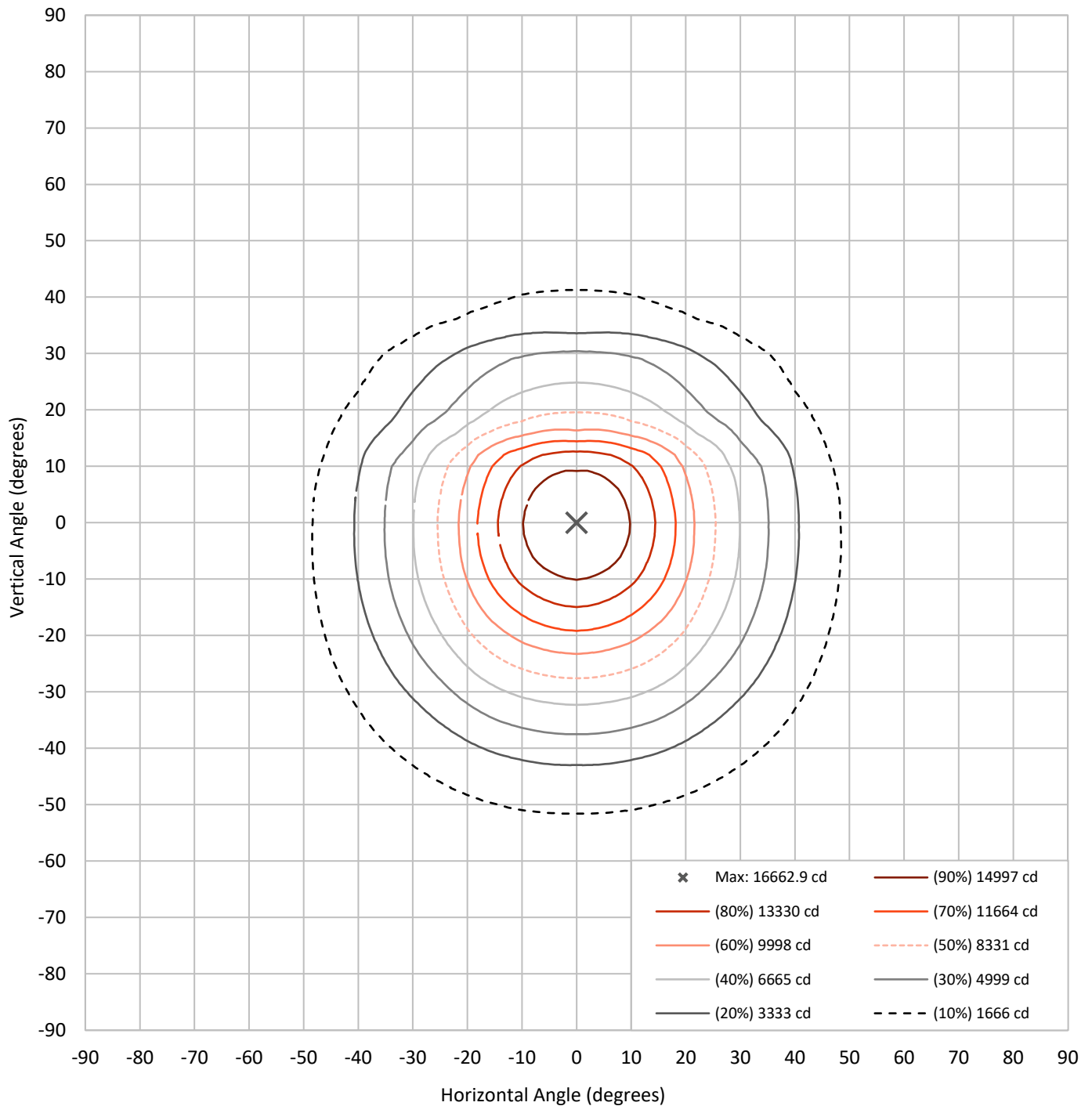
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14700.3 lumens	Max Intensity:	16662.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	7077.5 lumens	Field Lumens:	13161.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	129.5		
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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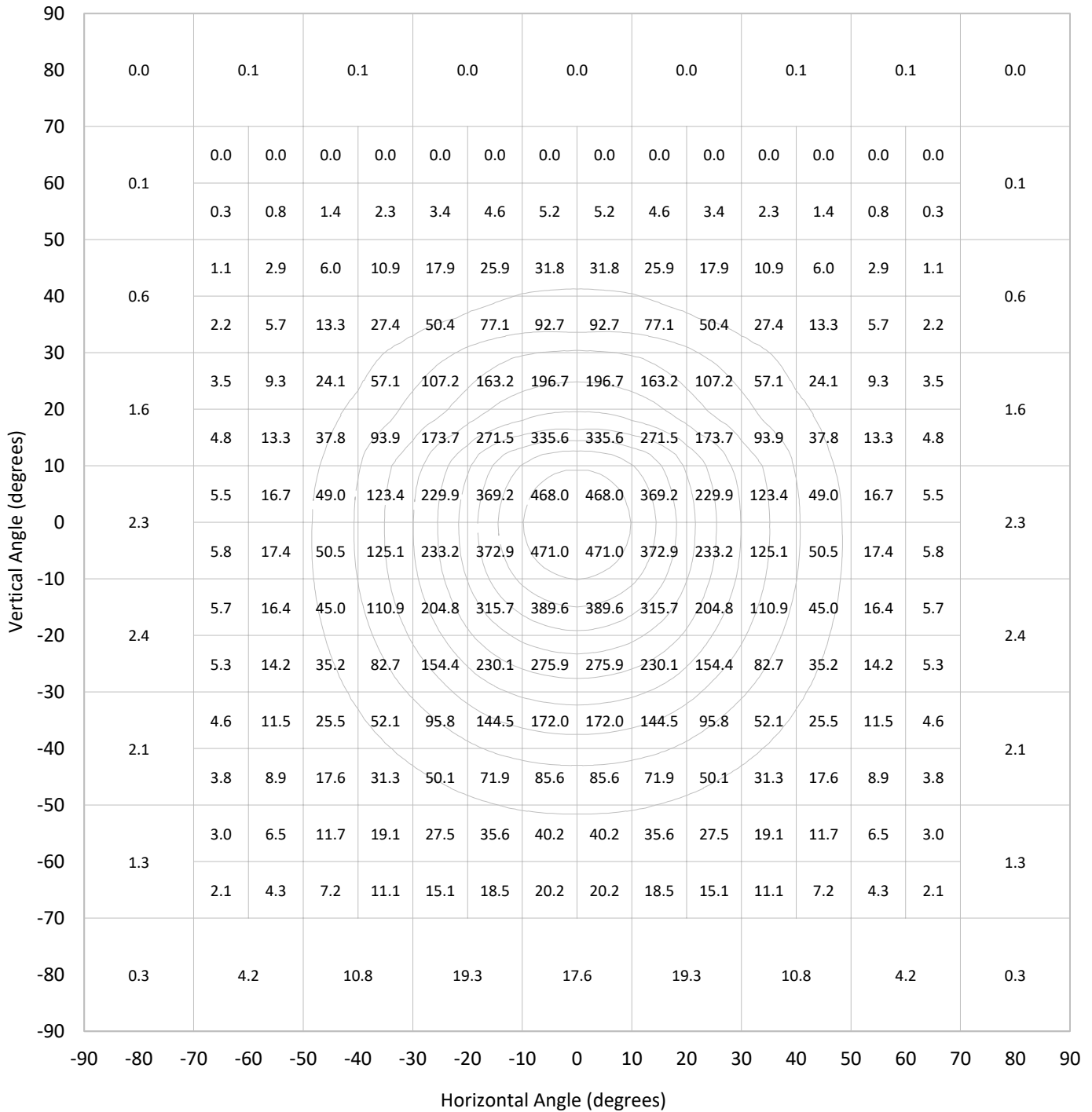
Iso-Candela Plot





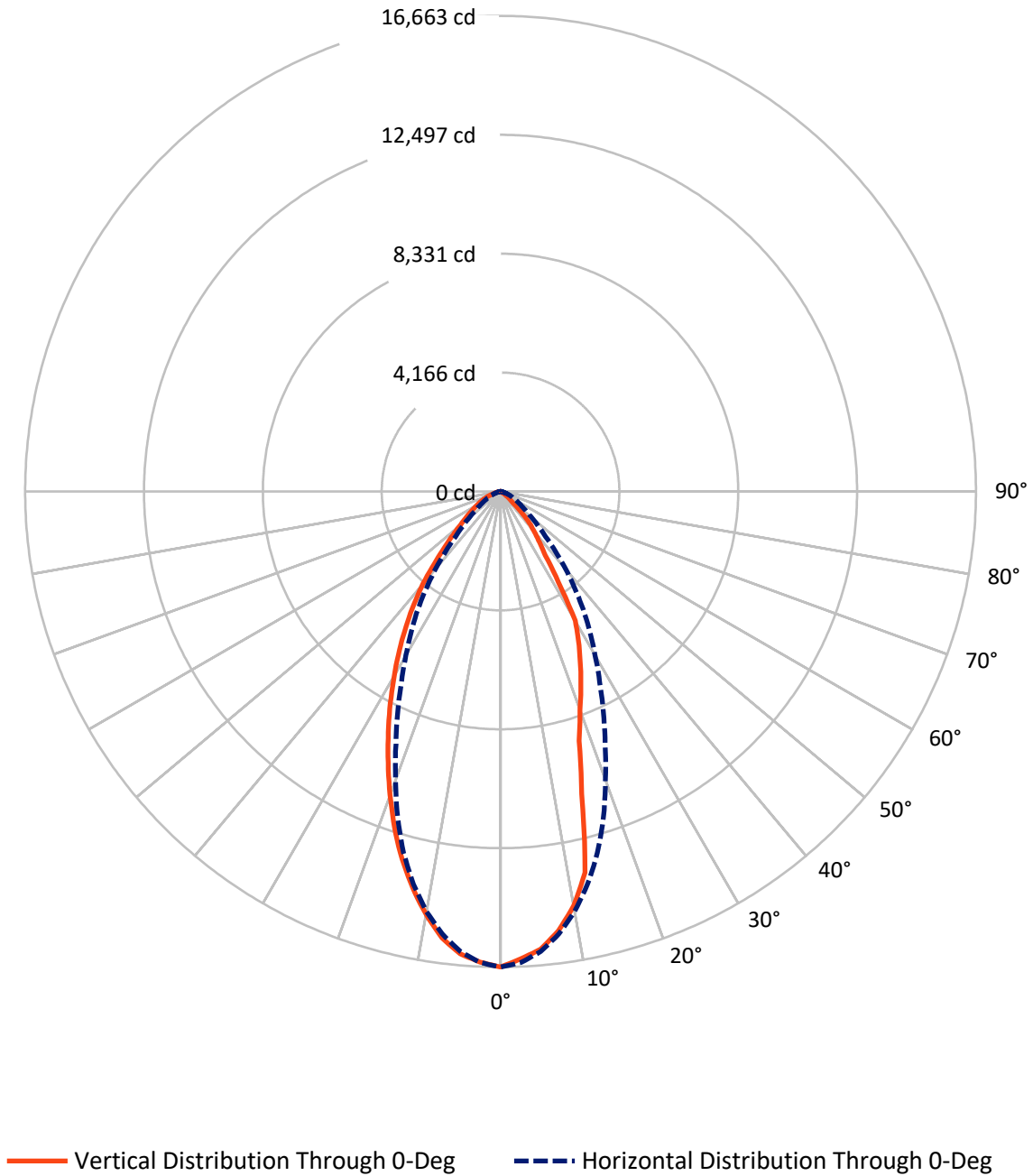
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Lumen Table



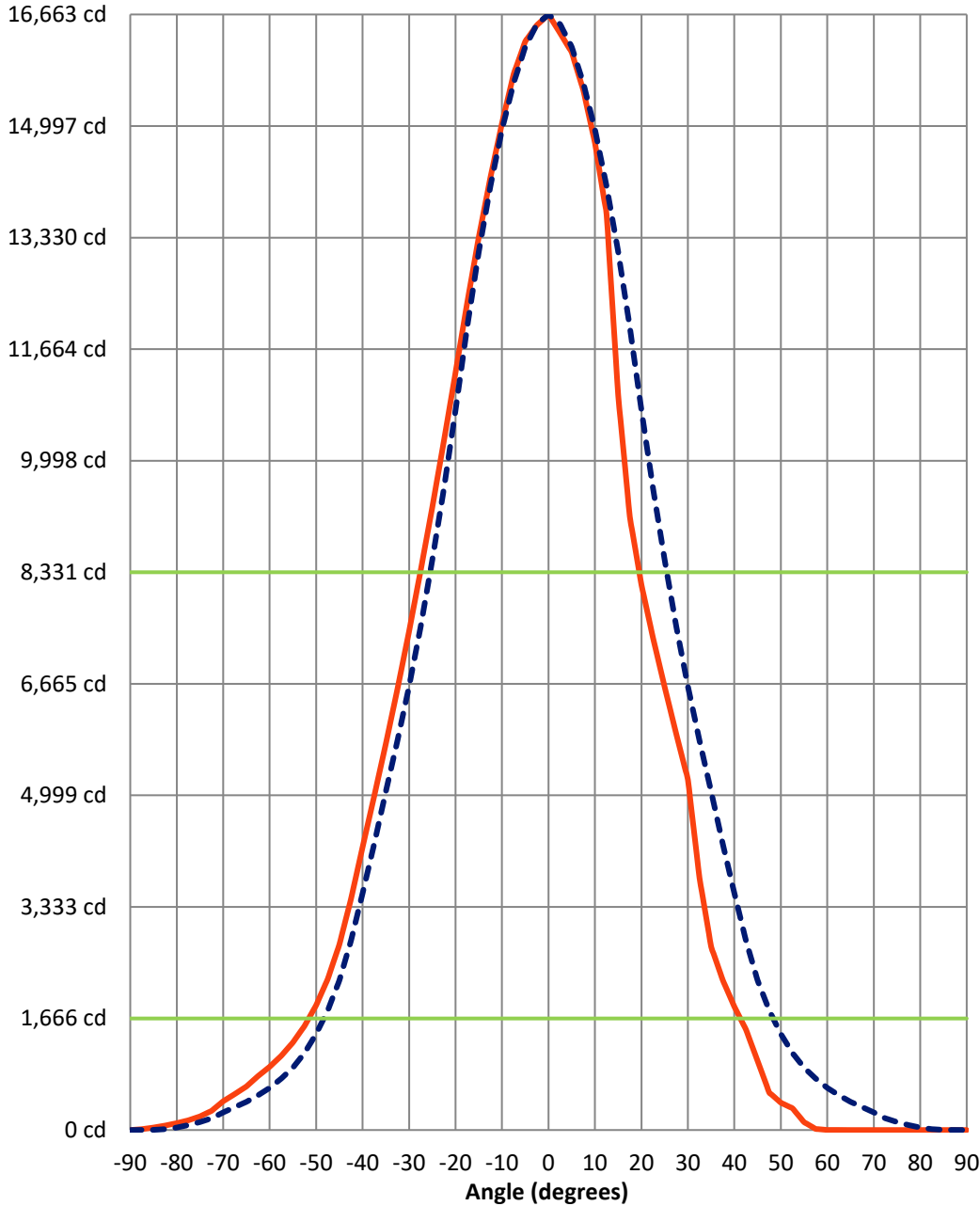
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7077.5
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 13161.8
 Efficiency: 89.5%

Spill:
 Lumens: 1538.5
 Efficiency: 10.5%

— 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	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.2	1.2
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.4	0.7	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.4	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
67.5°	0.0	0.5	0.9	1.2	1.2	1.2	1.3	1.2	1.2	1.6	1.5
65°	0.0	0.5	1.0	1.2	1.2	1.3	1.4	1.2	1.7	2.0	2.3
62.5°	0.0	0.6	1.1	1.2	1.2	1.6	1.6	1.6	2.3	3.2	5.0
60°	0.0	0.6	1.2	1.2	1.2	1.9	1.9	2.3	2.9	7.9	8.5
57.5°	0.0	0.6	1.2	1.2	1.5	2.3	3.2	3.1	7.8	13.3	14.6
55°	0.0	0.7	1.2	1.2	1.9	2.6	4.9	4.6	14.2	20.0	22.7
52.5°	0.0	0.7	1.3	1.2	2.3	3.3	6.9	11.2	21.3	29.7	32.1
50°	0.0	0.8	1.3	1.2	2.7	5.4	9.1	18.5	29.7	40.5	48.9
47.5°	0.0	0.8	1.3	1.3	3.1	7.6	12.1	25.9	40.8	52.3	66.4
45°	0.0	0.8	1.3	1.6	3.5	9.9	18.6	33.4	51.9	67.7	83.6
42.5°	0.0	0.9	1.4	1.9	4.0	12.4	25.0	42.2	63.0	83.0	102.7
40°	0.0	0.9	1.4	2.4	5.2	15.0	31.4	51.8	74.5	97.8	122.7
37.5°	0.0	1.0	1.5	2.9	7.3	17.7	37.7	61.3	87.0	113.2	143.1
35°	0.0	1.0	1.5	3.4	9.3	22.0	44.0	70.6	99.6	131.4	165.3
32.5°	0.0	1.0	1.6	4.0	11.4	27.0	50.6	79.9	112.1	150.2	190.3
30°	0.0	1.0	1.6	4.7	13.5	31.8	58.1	89.2	124.7	169.4	215.4
27.5°	0.0	1.1	1.7	5.4	15.9	36.5	65.3	99.4	138.4	188.9	240.7
25°	0.0	1.1	1.8	6.1	18.3	41.0	72.2	109.4	154.3	209.6	265.9
22.5°	0.0	1.1	1.8	6.8	20.6	45.4	78.9	119.2	170.1	230.6	291.6
20°	0.0	1.1	1.9	7.5	22.9	49.7	85.3	128.6	185.5	251.2	316.0
17.5°	0.0	1.1	2.0	8.3	25.0	53.7	91.2	137.6	200.6	271.1	339.1
15°	0.0	1.2	2.0	9.0	27.1	57.5	96.6	145.7	215.1	290.3	360.9
12.5°	0.0	1.2	2.1	9.8	29.1	61.0	101.5	152.4	227.2	308.7	381.3
10°	0.0	1.2	2.2	10.5	30.9	64.2	106.0	158.4	236.8	319.5	397.4
7.5°	0.0	1.2	2.2	11.2	32.7	67.1	110.0	163.7	245.3	327.8	405.8
5°	0.0	1.2	2.3	11.9	34.2	69.7	113.5	168.2	252.5	334.4	412.5
2.5°	0.0	1.2	2.3	12.5	35.7	71.9	116.5	172.0	258.4	339.4	417.7
0°	0.0	1.2	2.4	13.1	36.9	73.8	119.0	175.0	263.0	342.8	421.3
-2.5°	0.0	1.3	2.8	13.9	38.6	76.1	122.2	180.0	268.2	347.8	426.9
-5°	0.0	1.4	3.1	14.7	40.1	78.1	124.9	184.2	271.9	351.3	430.9
-7.5°	0.0	1.4	3.5	15.4	41.3	79.7	127.0	187.6	274.3	353.5	433.2
-10°	0.0	1.5	3.8	16.0	42.4	80.8	128.6	189.9	275.4	354.4	433.9
-12.5°	0.0	1.6	4.1	16.5	43.2	81.6	129.5	191.2	275.0	353.9	431.9
-15°	0.0	1.6	4.4	16.9	43.7	82.0	129.7	191.5	273.0	350.8	427.8
-17.5°	0.0	1.7	4.7	17.2	43.9	81.9	129.4	191.1	269.5	346.6	421.9
-20°	0.0	1.7	4.9	17.5	43.9	81.5	129.0	190.2	265.1	341.4	414.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.7	5.1	17.6	43.5	80.6	129.1	188.5	259.9	335.2	405.5
-25°	0.0	1.8	5.3	17.6	42.8	80.3	128.5	186.0	253.9	328.0	395.0
-27.5°	0.0	1.8	5.5	17.4	41.8	79.9	127.3	182.7	247.3	319.8	385.2
-30°	0.0	1.8	5.6	17.2	40.6	79.1	125.4	178.7	241.5	310.5	374.7
-32.5°	0.0	1.8	5.7	16.8	40.1	77.7	122.9	175.3	235.7	300.8	363.5
-35°	0.0	1.8	5.8	16.3	39.3	75.9	120.5	171.7	229.2	290.8	351.6
-37.5°	0.0	1.8	5.8	15.7	38.1	73.8	117.7	167.2	221.9	280.5	337.6
-40°	0.0	1.8	5.8	15.0	36.6	72.0	114.3	162.1	213.9	270.9	322.6
-42.5°	0.0	1.8	5.7	14.3	35.5	69.8	110.3	156.2	206.5	258.4	306.6
-45°	0.0	1.7	5.6	13.7	34.8	67.1	105.6	150.0	198.8	245.1	290.0
-47.5°	0.0	1.7	5.5	13.0	33.8	63.9	100.3	143.7	190.3	231.2	274.7
-50°	0.0	1.7	5.3	12.7	32.3	60.3	95.6	136.6	179.1	218.6	258.8
-52.5°	0.0	1.6	5.1	12.6	30.6	56.2	90.6	128.8	168.0	205.5	242.8
-55°	0.0	1.5	4.9	12.2	28.4	52.9	85.0	120.4	156.5	191.8	227.6
-57.5°	0.0	1.5	4.6	11.8	26.0	49.3	78.9	112.9	144.4	178.0	211.9
-60°	0.0	1.4	4.3	11.1	23.3	45.2	72.3	103.9	132.0	163.7	195.7
-62.5°	0.0	1.3	4.1	10.3	21.7	40.7	66.0	93.9	119.8	148.8	179.0
-65°	0.0	1.2	3.8	9.4	19.8	35.7	59.0	83.5	106.7	133.1	161.7
-67.5°	0.0	1.1	3.5	8.4	17.7	31.2	51.5	72.9	93.0	116.5	142.5
-70°	0.0	1.0	3.1	7.2	15.4	27.4	43.4	62.0	80.0	99.1	121.9
-72.5°	0.0	0.9	2.8	6.4	13.0	23.3	36.9	50.7	66.6	83.4	101.1
-75°	0.0	0.8	2.4	5.6	10.3	18.9	30.3	41.4	52.8	67.2	82.5
-77.5°	0.0	0.6	2.0	4.7	8.5	14.2	23.4	32.5	41.9	51.9	63.4
-80°	0.0	0.5	1.6	3.8	6.9	10.9	16.2	23.5	31.2	39.3	47.8
-82.5°	0.0	0.4	1.2	2.9	5.2	8.2	11.9	15.7	20.3	26.5	33.1
-85°	0.0	0.3	0.8	1.9	3.5	5.5	8.0	10.5	13.4	16.6	20.0
-87.5°	0.0	0.1	0.4	1.0	1.8	2.8	4.0	5.3	6.7	8.3	10.0
-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: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-XX

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°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	0.9	0.6
65°	1.2	1.2	1.6	1.8	1.3	1.2	1.2	1.2	1.3	1.1	1.1
62.5°	1.7	2.2	2.7	4.2	3.1	1.2	2.3	2.7	1.8	1.5	1.6
60°	5.2	3.6	9.2	12.7	8.3	4.4	5.4	10.8	8.9	2.4	6.3
57.5°	10.5	13.0	23.0	24.2	18.6	12.5	27.6	30.6	25.3	15.9	22.9
55°	21.9	30.8	38.9	38.4	38.7	48.6	57.2	56.1	49.4	68.2	85.9
52.5°	41.5	50.6	56.0	61.0	74.9	84.2	86.8	92.1	111.5	134.7	138.9
50°	60.8	70.3	77.4	95.5	109.8	117.1	123.8	141.6	170.9	186.9	189.4
47.5°	80.4	91.0	109.7	129.5	143.3	154.3	166.1	206.5	239.2	252.8	257.7
45°	100.9	119.2	142.6	162.9	178.9	193.8	232.1	287.2	310.2	331.0	384.0
42.5°	122.2	149.8	176.1	197.4	215.4	246.6	299.9	353.3	386.3	430.5	494.4
40°	149.2	180.2	210.7	232.4	254.8	302.1	368.1	424.6	459.5	518.9	591.7
37.5°	176.8	213.0	245.9	268.8	300.3	364.3	441.8	509.5	552.8	601.1	718.2
35°	203.9	246.4	280.2	310.8	349.8	438.1	533.6	608.9	662.4	745.1	893.3
32.5°	233.0	280.5	315.0	356.7	420.7	519.4	636.7	720.4	809.1	928.1	1165.4
30°	263.9	312.3	352.0	402.1	488.0	603.2	739.3	844.4	964.9	1158.2	1413.9
27.5°	294.7	344.0	392.9	456.7	551.0	675.5	817.6	983.4	1139.0	1355.1	1634.7
25°	324.3	376.4	433.1	510.2	612.2	742.4	897.6	1088.8	1291.9	1539.2	1867.4
22.5°	352.6	409.2	475.6	558.4	663.8	806.0	991.1	1215.6	1459.6	1715.8	2093.0
20°	380.3	445.9	522.1	614.8	711.2	864.6	1082.4	1354.3	1660.2	2011.1	2380.7
17.5°	407.6	482.1	570.0	673.1	790.0	946.9	1176.1	1499.8	1872.0	2328.8	2783.9
15°	434.4	517.6	616.4	730.7	869.4	1056.9	1317.3	1673.1	2122.8	2669.8	3208.9
12.5°	460.4	552.1	661.0	787.0	946.4	1160.5	1450.4	1834.2	2349.5	3003.0	3665.3
10°	485.3	585.1	703.3	841.3	1020.2	1256.9	1568.0	1973.6	2520.6	3194.0	3930.6
7.5°	498.0	607.5	739.4	893.0	1089.8	1345.5	1670.4	2091.4	2654.2	3347.6	4086.1
5°	507.1	617.8	752.9	913.6	1128.0	1405.7	1748.7	2187.7	2752.7	3463.1	4191.5
2.5°	514.1	625.1	762.8	925.2	1143.1	1425.7	1774.6	2221.2	2805.5	3523.4	4252.9
0°	518.9	629.6	768.9	931.9	1150.9	1435.4	1786.5	2235.2	2827.9	3537.3	4275.2
-2.5°	524.0	635.8	775.3	942.3	1161.8	1448.6	1799.6	2245.1	2844.7	3541.1	4287.3
-5°	526.9	639.1	777.8	947.3	1165.4	1451.1	1798.7	2235.7	2831.4	3513.4	4261.1
-7.5°	527.7	639.4	776.4	946.3	1160.9	1439.8	1779.7	2207.8	2785.2	3457.1	4196.8
-10°	526.4	636.6	771.3	937.7	1147.8	1416.4	1745.7	2159.4	2709.3	3364.3	4088.0
-12.5°	522.6	630.7	762.1	923.7	1126.8	1383.2	1697.8	2090.5	2604.0	3235.2	3934.8
-15°	516.4	621.8	748.9	904.3	1097.7	1340.4	1636.2	2001.0	2468.3	3071.1	3743.9
-17.5°	507.9	610.0	731.5	879.6	1060.7	1288.5	1561.8	1896.3	2322.0	2887.9	3531.7
-20°	497.1	595.4	710.0	849.5	1017.9	1233.7	1492.8	1803.5	2185.1	2678.2	3281.3

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	483.9	578.0	687.3	820.7	980.0	1176.9	1415.5	1698.4	2031.5	2435.8	3008.0
-25°	470.4	561.2	665.2	788.7	936.6	1112.6	1327.2	1584.9	1886.6	2256.6	2729.7
-27.5°	457.0	542.0	639.7	751.8	888.0	1046.1	1244.1	1479.0	1747.9	2062.6	2447.8
-30°	442.0	520.5	611.6	713.1	841.5	988.3	1159.4	1360.7	1599.8	1884.1	2219.0
-32.5°	425.5	497.4	584.3	679.6	791.6	925.2	1073.3	1255.3	1463.3	1697.9	1987.4
-35°	409.1	477.7	556.3	643.5	738.1	863.2	999.2	1150.3	1327.2	1534.9	1766.4
-37.5°	393.4	456.3	526.4	607.7	696.4	800.3	920.4	1056.8	1209.1	1374.4	1574.4
-40°	375.9	433.1	499.4	573.0	651.5	741.6	849.9	965.6	1096.7	1242.2	1396.6
-42.5°	356.8	411.8	472.3	535.7	607.8	688.2	778.1	883.9	992.8	1114.7	1249.5
-45°	338.1	388.6	444.0	501.9	562.5	633.6	715.2	803.2	899.8	999.2	1112.5
-47.5°	318.4	364.6	416.1	466.6	520.2	580.9	650.1	730.0	810.6	899.1	986.9
-50°	298.7	342.0	385.4	432.4	480.5	530.9	589.5	658.5	731.8	805.2	882.5
-52.5°	281.1	318.5	357.7	398.1	441.9	486.8	535.5	592.4	656.5	721.2	787.8
-55°	263.1	297.6	329.9	366.1	404.0	444.4	487.9	535.7	584.1	643.1	700.4
-57.5°	245.4	276.0	304.2	335.1	368.8	403.1	442.3	482.9	526.8	571.4	618.3
-60°	227.8	253.8	279.3	306.0	334.3	364.8	396.4	432.1	469.7	508.4	549.1
-62.5°	209.5	230.6	253.1	277.6	302.5	326.0	352.4	381.6	412.7	445.9	480.3
-65°	189.1	206.6	225.4	246.7	270.1	289.0	309.2	331.2	356.8	384.2	411.3
-67.5°	167.3	182.8	198.1	213.9	232.9	249.9	266.5	283.9	303.1	325.5	347.2
-70°	143.0	158.5	172.0	185.1	197.1	209.2	223.4	237.1	252.6	272.6	292.4
-72.5°	118.3	132.8	145.6	156.7	165.2	172.4	181.1	191.1	205.9	224.6	242.0
-75°	95.7	107.4	119.4	130.0	135.5	137.7	139.5	144.8	159.8	178.9	195.8
-77.5°	74.5	84.7	94.5	103.8	107.6	109.1	109.9	109.9	120.9	137.2	154.3
-80°	54.9	62.0	70.3	78.2	80.6	81.3	81.4	80.9	89.9	101.6	114.2
-82.5°	38.1	43.3	48.5	53.9	54.7	54.3	53.5	52.7	60.0	68.5	77.2
-85°	22.2	24.4	27.6	30.9	31.3	31.1	30.6	29.6	33.7	38.3	43.1
-87.5°	11.1	12.2	13.3	14.3	14.0	13.4	12.7	11.8	12.9	14.1	15.3
-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):

	-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°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.2	1.2	0.9	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.6	1.5	1.1	1.0	1.1	1.2	1.0	0.8	0.8	0.9	1.0
60°	6.7	3.8	3.9	5.0	4.3	2.0	3.9	4.9	4.6	3.5	3.1
57.5°	34.2	28.6	20.0	33.5	34.5	24.1	26.1	34.1	33.0	25.5	25.4
55°	86.1	87.3	93.8	102.2	108.5	111.4	114.0	126.8	140.4	153.8	160.5
52.5°	142.2	158.8	179.5	193.2	202.8	222.4	249.8	262.4	274.7	288.6	298.7
50°	209.4	238.3	259.1	262.1	294.7	315.9	320.8	344.5	370.3	386.3	397.8
47.5°	311.5	348.1	366.2	377.7	417.4	460.9	461.0	474.6	539.0	572.8	589.0
45°	448.7	479.2	511.2	594.3	670.8	695.0	746.9	817.3	863.0	925.9	995.0
42.5°	565.5	622.8	702.9	794.5	871.1	934.9	1012.0	1096.6	1198.1	1293.6	1376.0
40°	681.1	752.0	851.3	950.8	1047.3	1135.7	1260.1	1368.8	1488.6	1620.0	1729.4
37.5°	832.0	922.7	1025.3	1150.9	1301.1	1399.2	1570.2	1726.4	1861.4	2020.0	2117.7
35°	1063.6	1181.9	1272.7	1526.6	1709.3	1824.0	2026.5	2283.3	2381.8	2581.6	2676.5
32.5°	1354.9	1512.0	1751.1	2087.3	2331.3	2542.6	2845.2	3105.7	3327.8	3528.5	3737.2
30°	1682.2	1924.6	2277.0	2723.7	2971.6	3267.5	3676.8	3985.7	4334.0	4716.2	4850.1
27.5°	1979.2	2342.3	2751.5	3113.3	3469.3	3837.9	4240.0	4636.9	5013.8	5331.9	5545.4
25°	2254.5	2694.2	3091.9	3478.5	3864.3	4279.4	4734.2	5184.3	5599.1	5926.4	6175.2
22.5°	2538.4	3003.0	3428.4	3820.8	4269.4	4739.8	5223.5	5739.8	6211.8	6551.3	6822.5
20°	2805.4	3322.1	3807.3	4254.0	4678.1	5221.2	5778.2	6325.8	6839.8	7244.3	7556.9
17.5°	3229.1	3677.7	4270.7	4851.1	5328.8	5827.7	6572.0	7137.2	7707.6	8192.0	8523.4
15°	3749.5	4242.7	4855.1	5652.1	6306.8	6878.4	7647.3	8566.7	9239.5	9857.8	10282.0
12.5°	4270.4	4828.2	5490.6	6387.5	7319.6	7992.9	8925.6	10090.7	10874.3	11831.7	12303.7
10°	4669.5	5370.1	6052.3	6870.7	7765.8	8724.6	9730.1	10820.1	11867.2	12689.3	13424.2
7.5°	4830.3	5576.4	6366.2	7201.3	8096.3	9085.8	10157.5	11291.6	12369.3	13287.6	14095.2
5°	4950.4	5715.0	6509.9	7363.8	8320.6	9353.9	10441.5	11632.2	12732.8	13717.0	14543.3
2.5°	5026.7	5798.5	6590.0	7458.1	8464.4	9528.4	10651.0	11873.3	12990.4	14003.5	14827.1
0°	5056.0	5816.6	6627.1	7520.9	8517.1	9583.6	10754.7	11991.4	13117.3	14096.8	14944.3
-2.5°	5060.0	5799.7	6629.5	7519.0	8472.2	9548.7	10733.9	11960.2	13063.3	14038.9	14893.9
-5°	5020.3	5759.7	6590.3	7466.2	8420.8	9489.1	10623.5	11808.6	12860.6	13810.1	14633.3
-7.5°	4939.8	5677.1	6489.3	7345.3	8274.1	9310.3	10399.9	11501.6	12533.7	13444.3	14229.9
-10°	4820.3	5542.1	6326.2	7160.2	8039.1	9024.7	10063.6	11116.3	12084.1	12926.2	13652.7
-12.5°	4658.5	5363.7	6112.5	6908.6	7726.7	8666.4	9647.4	10635.9	11518.0	12286.9	12938.6
-15°	4448.4	5137.1	5862.2	6615.1	7408.4	8258.2	9138.6	10045.3	10858.8	11540.6	12136.1
-17.5°	4200.9	4868.9	5557.4	6255.4	7008.1	7805.4	8622.6	9436.5	10130.4	10736.1	11280.6
-20°	3924.9	4568.5	5222.6	5873.2	6556.2	7293.5	8048.3	8763.3	9369.6	9920.0	10418.2



REPORT NUMBER: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3615.6	4231.6	4858.5	5467.4	6083.2	6750.9	7424.9	8071.5	8638.7	9109.5	9542.5
-25°	3284.3	3853.6	4445.5	5016.5	5583.3	6181.6	6793.8	7388.7	7887.9	8296.7	8654.5
-27.5°	2950.6	3470.8	3992.3	4529.9	5053.8	5605.9	6160.2	6674.0	7122.1	7498.5	7799.1
-30°	2599.8	3064.8	3541.1	4027.5	4527.8	5033.0	5533.9	5983.7	6375.0	6706.0	6965.8
-32.5°	2308.3	2661.5	3082.1	3523.6	3992.5	4452.9	4888.5	5298.6	5667.3	5956.3	6176.6
-35°	2028.9	2328.0	2642.9	3033.7	3436.7	3860.3	4261.0	4627.0	4955.6	5208.2	5415.5
-37.5°	1788.7	2025.3	2291.6	2570.5	2908.4	3258.6	3620.3	3964.5	4257.5	4477.8	4663.0
-40°	1580.8	1767.6	1980.4	2201.5	2450.0	2701.6	3016.6	3307.1	3546.2	3752.2	3919.9
-42.5°	1392.8	1550.4	1707.6	1889.0	2076.5	2278.7	2499.8	2714.6	2898.2	3070.5	3213.0
-45°	1230.5	1356.5	1481.8	1621.9	1759.5	1924.0	2081.9	2222.8	2371.5	2500.5	2602.1
-47.5°	1088.7	1186.9	1294.3	1399.1	1509.7	1633.5	1751.0	1858.2	1967.2	2061.6	2137.3
-50°	962.6	1044.0	1131.6	1214.0	1303.4	1394.0	1480.9	1566.2	1649.0	1720.8	1776.6
-52.5°	852.2	923.3	991.6	1057.3	1128.4	1195.4	1258.3	1328.7	1393.4	1450.0	1488.2
-55°	758.2	816.3	872.2	927.0	980.8	1031.7	1081.8	1136.5	1186.4	1231.3	1259.8
-57.5°	670.0	719.4	766.8	811.5	854.2	894.6	936.8	978.9	1017.4	1051.3	1073.3
-60°	589.7	630.1	671.1	707.6	742.0	774.3	809.8	843.5	874.5	900.6	915.9
-62.5°	516.1	552.4	582.7	611.5	640.8	669.9	695.1	719.9	743.9	764.1	777.4
-65°	439.2	469.9	495.7	518.9	539.9	562.4	584.0	603.4	620.7	633.9	642.3
-67.5°	370.5	393.0	413.7	432.1	450.8	468.9	485.5	500.2	513.2	522.4	528.5
-70°	310.7	328.0	344.8	361.6	378.2	392.3	404.3	415.4	425.4	429.6	431.4
-72.5°	258.2	273.5	288.3	303.1	317.0	328.0	336.8	344.9	352.2	345.9	334.9
-75°	210.5	224.0	237.9	250.9	263.2	271.6	278.1	284.2	289.7	276.1	257.3
-77.5°	171.6	183.4	193.7	203.9	213.9	219.3	223.5	227.5	231.5	216.2	197.1
-80°	127.3	136.9	145.6	154.1	162.6	165.7	167.6	168.8	169.5	156.5	141.4
-82.5°	86.0	91.0	95.8	100.7	105.9	108.5	110.5	112.1	113.2	103.9	93.5
-85°	48.2	49.7	50.9	51.9	52.7	54.4	56.0	57.5	58.8	54.4	49.6
-87.5°	16.5	16.6	16.5	16.4	16.2	16.3	16.3	16.2	16.1	15.4	14.7
-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: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-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°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8
60°	2.4	1.5	1.2	1.2	1.2	1.5	2.4	3.1	3.5	4.6	4.9
57.5°	23.7	20.6	18.5	16.7	18.5	20.6	23.7	25.4	25.5	33.0	34.1
55°	157.6	146.8	133.5	117.8	133.5	146.8	157.6	160.5	153.8	140.4	126.8
52.5°	309.2	319.5	325.5	324.9	325.5	319.5	309.2	298.7	288.6	274.7	262.4
50°	407.0	412.6	412.9	408.2	412.9	412.6	407.0	397.8	386.3	370.3	344.5
47.5°	596.3	588.5	575.1	560.6	575.1	588.5	596.3	589.0	572.8	539.0	474.6
45°	1040.5	1065.6	1064.0	1031.9	1064.0	1065.6	1040.5	995.0	925.9	863.0	817.3
42.5°	1422.1	1459.6	1486.2	1499.7	1486.2	1459.6	1422.1	1376.0	1293.6	1198.1	1096.6
40°	1791.1	1827.4	1843.3	1842.4	1843.3	1827.4	1791.1	1729.4	1620.0	1488.6	1368.8
37.5°	2181.1	2228.1	2250.9	2240.0	2250.9	2228.1	2181.1	2117.7	2020.0	1861.4	1726.4
35°	2717.5	2761.4	2762.2	2739.9	2762.2	2761.4	2717.5	2676.5	2581.6	2381.8	2283.3
32.5°	3902.9	3917.6	3804.7	3764.6	3804.7	3917.6	3902.9	3737.2	3528.5	3327.8	3105.7
30°	4983.4	5087.6	5184.4	5233.4	5184.4	5087.6	4983.4	4850.1	4716.2	4334.0	3985.7
27.5°	5706.3	5831.6	5909.2	5914.2	5909.2	5831.6	5706.3	5545.4	5331.9	5013.8	4636.9
25°	6363.7	6503.9	6588.6	6617.6	6588.6	6503.9	6363.7	6175.2	5926.4	5599.1	5184.3
22.5°	7052.6	7217.8	7327.2	7349.5	7327.2	7217.8	7052.6	6822.5	6551.3	6211.8	5739.8
20°	7851.7	8044.0	8148.9	8144.6	8148.9	8044.0	7851.7	7556.9	7244.3	6839.8	6325.8
17.5°	8903.9	9110.1	9200.6	9161.0	9200.6	9110.1	8903.9	8523.4	8192.0	7707.6	7137.2
15°	10717.5	11148.8	11147.0	10974.9	11147.0	11148.8	10717.5	10282.0	9857.8	9239.5	8566.7
12.5°	12954.6	13276.0	13605.8	13676.7	13605.8	13276.0	12954.6	12303.7	11831.7	10874.3	10090.7
10°	14043.1	14470.0	14751.8	14744.3	14751.8	14470.0	14043.1	13424.2	12689.3	11867.2	10820.1
7.5°	14724.2	15195.8	15537.2	15529.9	15537.2	15195.8	14724.2	14095.2	13287.6	12369.3	11291.6
5°	15249.7	15772.9	16075.2	16097.6	16075.2	15772.9	15249.7	14543.3	13717.0	12732.8	11632.2
2.5°	15522.8	16068.7	16432.3	16384.4	16432.3	16068.7	15522.8	14827.1	14003.5	12990.4	11873.3
0°	15637.0	16177.3	16516.5	16662.9	16516.5	16177.3	15637.0	14944.3	14096.8	13117.3	11991.4
-2.5°	15587.1	16112.9	16487.8	16502.3	16487.8	16112.9	15587.1	14893.9	14038.9	13063.3	11960.2
-5°	15320.0	15874.9	16126.0	16259.5	16126.0	15874.9	15320.0	14633.3	13810.1	12860.6	11808.6
-7.5°	14889.4	15305.2	15624.2	15771.5	15624.2	15305.2	14889.4	14229.9	13444.3	12533.7	11501.6
-10°	14219.0	14649.5	14919.1	15040.7	14919.1	14649.5	14219.0	13652.7	12926.2	12084.1	11116.3
-12.5°	13476.5	13867.7	14124.0	14226.6	14124.0	13867.7	13476.5	12938.6	12286.9	11518.0	10635.9
-15°	12648.0	13003.2	13239.1	13337.5	13239.1	13003.2	12648.0	12136.1	11540.6	10858.8	10045.3
-17.5°	11736.0	12047.2	12282.3	12353.2	12282.3	12047.2	11736.0	11280.6	10736.1	10130.4	9436.5
-20°	10798.2	11079.6	11273.2	11315.3	11273.2	11079.6	10798.2	10418.2	9920.0	9369.6	8763.3



REPORT NUMBER: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9853.3	10085.1	10242.3	10295.3	10242.3	10085.1	9853.3	9542.5	9109.5	8638.7	8071.5
-25°	8929.9	9129.9	9256.5	9303.9	9256.5	9129.9	8929.9	8654.5	8296.7	7887.9	7388.7
-27.5°	8041.8	8228.2	8344.5	8360.0	8344.5	8228.2	8041.8	7799.1	7498.5	7122.1	6674.0
-30°	7167.9	7321.9	7411.5	7449.5	7411.5	7321.9	7167.9	6965.8	6706.0	6375.0	5983.7
-32.5°	6351.2	6485.8	6566.3	6587.8	6566.3	6485.8	6351.2	6176.6	5956.3	5667.3	5298.6
-35°	5580.2	5704.5	5775.9	5770.1	5775.9	5704.5	5580.2	5415.5	5208.2	4955.6	4627.0
-37.5°	4816.0	4930.7	4995.4	4989.4	4995.4	4930.7	4816.0	4663.0	4477.8	4257.5	3964.5
-40°	4057.8	4156.8	4213.8	4227.6	4213.8	4156.8	4057.8	3919.9	3752.2	3546.2	3307.1
-42.5°	3331.4	3422.7	3468.4	3450.4	3468.4	3422.7	3331.4	3213.0	3070.5	2898.2	2714.6
-45°	2673.2	2720.4	2751.5	2770.8	2751.5	2720.4	2673.2	2602.1	2500.5	2371.5	2222.8
-47.5°	2192.7	2231.8	2252.9	2256.6	2252.9	2231.8	2192.7	2137.3	2061.6	1967.2	1858.2
-50°	1820.1	1853.3	1868.1	1863.9	1868.1	1853.3	1820.1	1776.6	1720.8	1649.0	1566.2
-52.5°	1515.7	1535.0	1548.0	1554.4	1548.0	1535.0	1515.7	1488.2	1450.0	1393.4	1328.7
-55°	1281.2	1296.2	1305.0	1308.0	1305.0	1296.2	1281.2	1259.8	1231.3	1186.4	1136.5
-57.5°	1091.6	1105.9	1111.1	1109.3	1111.1	1105.9	1091.6	1073.3	1051.3	1017.4	978.9
-60°	927.6	935.7	941.9	945.0	941.9	935.7	927.6	915.9	900.6	874.5	843.5
-62.5°	788.0	795.7	802.1	805.8	802.1	795.7	788.0	777.4	764.1	743.9	719.9
-65°	648.1	651.5	652.5	651.0	652.5	651.5	648.1	642.3	633.9	620.7	603.4
-67.5°	532.9	535.8	537.7	538.0	537.7	535.8	532.9	528.5	522.4	513.2	500.2
-70°	433.2	434.4	433.1	429.7	433.1	434.4	433.2	431.4	429.6	425.4	415.4
-72.5°	323.6	311.8	299.9	286.8	299.9	311.8	323.6	334.9	345.9	352.2	344.9
-75°	237.9	217.8	210.6	203.5	210.6	217.8	237.9	257.3	276.1	289.7	284.2
-77.5°	176.9	156.0	150.5	145.2	150.5	156.0	176.9	197.1	216.2	231.5	227.5
-80°	125.7	109.4	105.9	102.4	105.9	109.4	125.7	141.4	156.5	169.5	168.8
-82.5°	82.6	71.2	69.0	66.7	69.0	71.2	82.6	93.5	103.9	113.2	112.1
-85°	44.5	39.1	38.1	36.9	38.1	39.1	44.5	49.6	54.4	58.8	57.5
-87.5°	13.9	13.1	13.1	13.1	13.1	13.1	13.9	14.7	15.4	16.1	16.2
-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: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-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°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	0.9	0.9	0.8
85°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
82.5°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.0	1.2	1.2	1.2
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.9	1.2	1.2
65°	0.3	0.2	0.3	0.6	0.9	1.2	1.2	1.1	1.1	1.3	1.2
62.5°	1.0	1.2	1.1	1.0	1.1	1.5	1.6	1.6	1.5	1.8	2.7
60°	3.9	2.0	4.3	5.0	3.9	3.8	6.7	6.3	2.4	8.9	10.8
57.5°	26.1	24.1	34.5	33.5	20.0	28.6	34.2	22.9	15.9	25.3	30.6
55°	114.0	111.4	108.5	102.2	93.8	87.3	86.1	85.9	68.2	49.4	56.1
52.5°	249.8	222.4	202.8	193.2	179.5	158.8	142.2	138.9	134.7	111.5	92.1
50°	320.8	315.9	294.7	262.1	259.1	238.3	209.4	189.4	186.9	170.9	141.6
47.5°	461.0	460.9	417.4	377.7	366.2	348.1	311.5	257.7	252.8	239.2	206.5
45°	746.9	695.0	670.8	594.3	511.2	479.2	448.7	384.0	331.0	310.2	287.2
42.5°	1012.0	934.9	871.1	794.5	702.9	622.8	565.5	494.4	430.5	386.3	353.3
40°	1260.1	1135.7	1047.3	950.8	851.3	752.0	681.1	591.7	518.9	459.5	424.6
37.5°	1570.2	1399.2	1301.1	1150.9	1025.3	922.7	832.0	718.2	601.1	552.8	509.5
35°	2026.5	1824.0	1709.3	1526.6	1272.7	1181.9	1063.6	893.3	745.1	662.4	608.9
32.5°	2845.2	2542.6	2331.3	2087.3	1751.1	1512.0	1354.9	1165.4	928.1	809.1	720.4
30°	3676.8	3267.5	2971.6	2723.7	2277.0	1924.6	1682.2	1413.9	1158.2	964.9	844.4
27.5°	4240.0	3837.9	3469.3	3113.3	2751.5	2342.3	1979.2	1634.7	1355.1	1139.0	983.4
25°	4734.2	4279.4	3864.3	3478.5	3091.9	2694.2	2254.5	1867.4	1539.2	1291.9	1088.8
22.5°	5223.5	4739.8	4269.4	3820.8	3428.4	3003.0	2538.4	2093.0	1715.8	1459.6	1215.6
20°	5778.2	5221.2	4678.1	4254.0	3807.3	3322.1	2805.4	2380.7	2011.1	1660.2	1354.3
17.5°	6572.0	5827.7	5328.8	4851.1	4270.7	3677.7	3229.1	2783.9	2328.8	1872.0	1499.8
15°	7647.3	6878.4	6306.8	5652.1	4855.1	4242.7	3749.5	3208.9	2669.8	2122.8	1673.1
12.5°	8925.6	7992.9	7319.6	6387.5	5490.6	4828.2	4270.4	3665.3	3003.0	2349.5	1834.2
10°	9730.1	8724.6	7765.8	6870.7	6052.3	5370.1	4669.5	3930.6	3194.0	2520.6	1973.6
7.5°	10157.5	9085.8	8096.3	7201.3	6366.2	5576.4	4830.3	4086.1	3347.6	2654.2	2091.4
5°	10441.5	9353.9	8320.6	7363.8	6509.9	5715.0	4950.4	4191.5	3463.1	2752.7	2187.7
2.5°	10651.0	9528.4	8464.4	7458.1	6590.0	5798.5	5026.7	4252.9	3523.4	2805.5	2221.2
0°	10754.7	9583.6	8517.1	7520.9	6627.1	5816.6	5056.0	4275.2	3537.3	2827.9	2235.2
-2.5°	10733.9	9548.7	8472.2	7519.0	6629.5	5799.7	5060.0	4287.3	3541.1	2844.7	2245.1
-5°	10623.5	9489.1	8420.8	7466.2	6590.3	5759.7	5020.3	4261.1	3513.4	2831.4	2235.7
-7.5°	10399.9	9310.3	8274.1	7345.3	6489.3	5677.1	4939.8	4196.8	3457.1	2785.2	2207.8
-10°	10063.6	9024.7	8039.1	7160.2	6326.2	5542.1	4820.3	4088.0	3364.3	2709.3	2159.4
-12.5°	9647.4	8666.4	7726.7	6908.6	6112.5	5363.7	4658.5	3934.8	3235.2	2604.0	2090.5
-15°	9138.6	8258.2	7408.4	6615.1	5862.2	5137.1	4448.4	3743.9	3071.1	2468.3	2001.0
-17.5°	8622.6	7805.4	7008.1	6255.4	5557.4	4868.9	4200.9	3531.7	2887.9	2322.0	1896.3
-20°	8048.3	7293.5	6556.2	5873.2	5222.6	4568.5	3924.9	3281.3	2678.2	2185.1	1803.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7424.9	6750.9	6083.2	5467.4	4858.5	4231.6	3615.6	3008.0	2435.8	2031.5	1698.4
-25°	6793.8	6181.6	5583.3	5016.5	4445.5	3853.6	3284.3	2729.7	2256.6	1886.6	1584.9
-27.5°	6160.2	5605.9	5053.8	4529.9	3992.3	3470.8	2950.6	2447.8	2062.6	1747.9	1479.0
-30°	5533.9	5033.0	4527.8	4027.5	3541.1	3064.8	2599.8	2219.0	1884.1	1599.8	1360.7
-32.5°	4888.5	4452.9	3992.5	3523.6	3082.1	2661.5	2308.3	1987.4	1697.9	1463.3	1255.3
-35°	4261.0	3860.3	3436.7	3033.7	2642.9	2328.0	2028.9	1766.4	1534.9	1327.2	1150.3
-37.5°	3620.3	3258.6	2908.4	2570.5	2291.6	2025.3	1788.7	1574.4	1374.4	1209.1	1056.8
-40°	3016.6	2701.6	2450.0	2201.5	1980.4	1767.6	1580.8	1396.6	1242.2	1096.7	965.6
-42.5°	2499.8	2278.7	2076.5	1889.0	1707.6	1550.4	1392.8	1249.5	1114.7	992.8	883.9
-45°	2081.9	1924.0	1759.5	1621.9	1481.8	1356.5	1230.5	1112.5	999.2	899.8	803.2
-47.5°	1751.0	1633.5	1509.7	1399.1	1294.3	1186.9	1088.7	986.9	899.1	810.6	730.0
-50°	1480.9	1394.0	1303.4	1214.0	1131.6	1044.0	962.6	882.5	805.2	731.8	658.5
-52.5°	1258.3	1195.4	1128.4	1057.3	991.6	923.3	852.2	787.8	721.2	656.5	592.4
-55°	1081.8	1031.7	980.8	927.0	872.2	816.3	758.2	700.4	643.1	584.1	535.7
-57.5°	936.8	894.6	854.2	811.5	766.8	719.4	670.0	618.3	571.4	526.8	482.9
-60°	809.8	774.3	742.0	707.6	671.1	630.1	589.7	549.1	508.4	469.7	432.1
-62.5°	695.1	669.9	640.8	611.5	582.7	552.4	516.1	480.3	445.9	412.7	381.6
-65°	584.0	562.4	539.9	518.9	495.7	469.9	439.2	411.3	384.2	356.8	331.2
-67.5°	485.5	468.9	450.8	432.1	413.7	393.0	370.5	347.2	325.5	303.1	283.9
-70°	404.3	392.3	378.2	361.6	344.8	328.0	310.7	292.4	272.6	252.6	237.1
-72.5°	336.8	328.0	317.0	303.1	288.3	273.5	258.2	242.0	224.6	205.9	191.1
-75°	278.1	271.6	263.2	250.9	237.9	224.0	210.5	195.8	178.9	159.8	144.8
-77.5°	223.5	219.3	213.9	203.9	193.7	183.4	171.6	154.3	137.2	120.9	109.9
-80°	167.6	165.7	162.6	154.1	145.6	136.9	127.3	114.2	101.6	89.9	80.9
-82.5°	110.5	108.5	105.9	100.7	95.8	91.0	86.0	77.2	68.5	60.0	52.7
-85°	56.0	54.4	52.7	51.9	50.9	49.7	48.2	43.1	38.3	33.7	29.6
-87.5°	16.3	16.3	16.2	16.4	16.5	16.6	16.5	15.3	14.1	12.9	11.8
-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: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-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°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.8	0.7
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.5	1.6	1.2	1.2
65°	1.2	1.2	1.3	1.8	1.6	1.2	1.2	2.3	2.0	1.7	1.2
62.5°	2.3	1.2	3.1	4.2	2.7	2.2	1.7	5.0	3.2	2.3	1.6
60°	5.4	4.4	8.3	12.7	9.2	3.6	5.2	8.5	7.9	2.9	2.3
57.5°	27.6	12.5	18.6	24.2	23.0	13.0	10.5	14.6	13.3	7.8	3.1
55°	57.2	48.6	38.7	38.4	38.9	30.8	21.9	22.7	20.0	14.2	4.6
52.5°	86.8	84.2	74.9	61.0	56.0	50.6	41.5	32.1	29.7	21.3	11.2
50°	123.8	117.1	109.8	95.5	77.4	70.3	60.8	48.9	40.5	29.7	18.5
47.5°	166.1	154.3	143.3	129.5	109.7	91.0	80.4	66.4	52.3	40.8	25.9
45°	232.1	193.8	178.9	162.9	142.6	119.2	100.9	83.6	67.7	51.9	33.4
42.5°	299.9	246.6	215.4	197.4	176.1	149.8	122.2	102.7	83.0	63.0	42.2
40°	368.1	302.1	254.8	232.4	210.7	180.2	149.2	122.7	97.8	74.5	51.8
37.5°	441.8	364.3	300.3	268.8	245.9	213.0	176.8	143.1	113.2	87.0	61.3
35°	533.6	438.1	349.8	310.8	280.2	246.4	203.9	165.3	131.4	99.6	70.6
32.5°	636.7	519.4	420.7	356.7	315.0	280.5	233.0	190.3	150.2	112.1	79.9
30°	739.3	603.2	488.0	402.1	352.0	312.3	263.9	215.4	169.4	124.7	89.2
27.5°	817.6	675.5	551.0	456.7	392.9	344.0	294.7	240.7	188.9	138.4	99.4
25°	897.6	742.4	612.2	510.2	433.1	376.4	324.3	265.9	209.6	154.3	109.4
22.5°	991.1	806.0	663.8	558.4	475.6	409.2	352.6	291.6	230.6	170.1	119.2
20°	1082.4	864.6	711.2	614.8	522.1	445.9	380.3	316.0	251.2	185.5	128.6
17.5°	1176.1	946.9	790.0	673.1	570.0	482.1	407.6	339.1	271.1	200.6	137.6
15°	1317.3	1056.9	869.4	730.7	616.4	517.6	434.4	360.9	290.3	215.1	145.7
12.5°	1450.4	1160.5	946.4	787.0	661.0	552.1	460.4	381.3	308.7	227.2	152.4
10°	1568.0	1256.9	1020.2	841.3	703.3	585.1	485.3	397.4	319.5	236.8	158.4
7.5°	1670.4	1345.5	1089.8	893.0	739.4	607.5	498.0	405.8	327.8	245.3	163.7
5°	1748.7	1405.7	1128.0	913.6	752.9	617.8	507.1	412.5	334.4	252.5	168.2
2.5°	1774.6	1425.7	1143.1	925.2	762.8	625.1	514.1	417.7	339.4	258.4	172.0
0°	1786.5	1435.4	1150.9	931.9	768.9	629.6	518.9	421.3	342.8	263.0	175.0
-2.5°	1799.6	1448.6	1161.8	942.3	775.3	635.8	524.0	426.9	347.8	268.2	180.0
-5°	1798.7	1451.1	1165.4	947.3	777.8	639.1	526.9	430.9	351.3	271.9	184.2
-7.5°	1779.7	1439.8	1160.9	946.3	776.4	639.4	527.7	433.2	353.5	274.3	187.6
-10°	1745.7	1416.4	1147.8	937.7	771.3	636.6	526.4	433.9	354.4	275.4	189.9
-12.5°	1697.8	1383.2	1126.8	923.7	762.1	630.7	522.6	431.9	353.9	275.0	191.2
-15°	1636.2	1340.4	1097.7	904.3	748.9	621.8	516.4	427.8	350.8	273.0	191.5
-17.5°	1561.8	1288.5	1060.7	879.6	731.5	610.0	507.9	421.9	346.6	269.5	191.1
-20°	1492.8	1233.7	1017.9	849.5	710.0	595.4	497.1	414.5	341.4	265.1	190.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1415.5	1176.9	980.0	820.7	687.3	578.0	483.9	405.5	335.2	259.9	188.5
-25°	1327.2	1112.6	936.6	788.7	665.2	561.2	470.4	395.0	328.0	253.9	186.0
-27.5°	1244.1	1046.1	888.0	751.8	639.7	542.0	457.0	385.2	319.8	247.3	182.7
-30°	1159.4	988.3	841.5	713.1	611.6	520.5	442.0	374.7	310.5	241.5	178.7
-32.5°	1073.3	925.2	791.6	679.6	584.3	497.4	425.5	363.5	300.8	235.7	175.3
-35°	999.2	863.2	738.1	643.5	556.3	477.7	409.1	351.6	290.8	229.2	171.7
-37.5°	920.4	800.3	696.4	607.7	526.4	456.3	393.4	337.6	280.5	221.9	167.2
-40°	849.9	741.6	651.5	573.0	499.4	433.1	375.9	322.6	270.9	213.9	162.1
-42.5°	778.1	688.2	607.8	535.7	472.3	411.8	356.8	306.6	258.4	206.5	156.2
-45°	715.2	633.6	562.5	501.9	444.0	388.6	338.1	290.0	245.1	198.8	150.0
-47.5°	650.1	580.9	520.2	466.6	416.1	364.6	318.4	274.7	231.2	190.3	143.7
-50°	589.5	530.9	480.5	432.4	385.4	342.0	298.7	258.8	218.6	179.1	136.6
-52.5°	535.5	486.8	441.9	398.1	357.7	318.5	281.1	242.8	205.5	168.0	128.8
-55°	487.9	444.4	404.0	366.1	329.9	297.6	263.1	227.6	191.8	156.5	120.4
-57.5°	442.3	403.1	368.8	335.1	304.2	276.0	245.4	211.9	178.0	144.4	112.9
-60°	396.4	364.8	334.3	306.0	279.3	253.8	227.8	195.7	163.7	132.0	103.9
-62.5°	352.4	326.0	302.5	277.6	253.1	230.6	209.5	179.0	148.8	119.8	93.9
-65°	309.2	289.0	270.1	246.7	225.4	206.6	189.1	161.7	133.1	106.7	83.5
-67.5°	266.5	249.9	232.9	213.9	198.1	182.8	167.3	142.5	116.5	93.0	72.9
-70°	223.4	209.2	197.1	185.1	172.0	158.5	143.0	121.9	99.1	80.0	62.0
-72.5°	181.1	172.4	165.2	156.7	145.6	132.8	118.3	101.1	83.4	66.6	50.7
-75°	139.5	137.7	135.5	130.0	119.4	107.4	95.7	82.5	67.2	52.8	41.4
-77.5°	109.9	109.1	107.6	103.8	94.5	84.7	74.5	63.4	51.9	41.9	32.5
-80°	81.4	81.3	80.6	78.2	70.3	62.0	54.9	47.8	39.3	31.2	23.5
-82.5°	53.5	54.3	54.7	53.9	48.5	43.3	38.1	33.1	26.5	20.3	15.7
-85°	30.6	31.1	31.3	30.9	27.6	24.4	22.2	20.0	16.6	13.4	10.5
-87.5°	12.7	13.4	14.0	14.3	13.3	12.2	11.1	10.0	8.3	6.7	5.3
-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: P627332 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-XX

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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	1.2	1.2	1.0	0.8	0.5	0.3	0.0
75°	1.2	1.2	1.2	0.9	0.6	0.3	0.0
72.5°	1.2	1.2	1.2	1.1	0.7	0.4	0.0
70°	1.2	1.2	1.2	1.2	0.8	0.4	0.0
67.5°	1.3	1.2	1.2	1.2	0.9	0.5	0.0
65°	1.4	1.3	1.2	1.2	1.0	0.5	0.0
62.5°	1.6	1.6	1.2	1.2	1.1	0.6	0.0
60°	1.9	1.9	1.2	1.2	1.2	0.6	0.0
57.5°	3.2	2.3	1.5	1.2	1.2	0.6	0.0
55°	4.9	2.6	1.9	1.2	1.2	0.7	0.0
52.5°	6.9	3.3	2.3	1.2	1.3	0.7	0.0
50°	9.1	5.4	2.7	1.2	1.3	0.8	0.0
47.5°	12.1	7.6	3.1	1.3	1.3	0.8	0.0
45°	18.6	9.9	3.5	1.6	1.3	0.8	0.0
42.5°	25.0	12.4	4.0	1.9	1.4	0.9	0.0
40°	31.4	15.0	5.2	2.4	1.4	0.9	0.0
37.5°	37.7	17.7	7.3	2.9	1.5	1.0	0.0
35°	44.0	22.0	9.3	3.4	1.5	1.0	0.0
32.5°	50.6	27.0	11.4	4.0	1.6	1.0	0.0
30°	58.1	31.8	13.5	4.7	1.6	1.0	0.0
27.5°	65.3	36.5	15.9	5.4	1.7	1.1	0.0
25°	72.2	41.0	18.3	6.1	1.8	1.1	0.0
22.5°	78.9	45.4	20.6	6.8	1.8	1.1	0.0
20°	85.3	49.7	22.9	7.5	1.9	1.1	0.0
17.5°	91.2	53.7	25.0	8.3	2.0	1.1	0.0
15°	96.6	57.5	27.1	9.0	2.0	1.2	0.0
12.5°	101.5	61.0	29.1	9.8	2.1	1.2	0.0
10°	106.0	64.2	30.9	10.5	2.2	1.2	0.0
7.5°	110.0	67.1	32.7	11.2	2.2	1.2	0.0
5°	113.5	69.7	34.2	11.9	2.3	1.2	0.0
2.5°	116.5	71.9	35.7	12.5	2.3	1.2	0.0
0°	119.0	73.8	36.9	13.1	2.4	1.2	0.0
-2.5°	122.2	76.1	38.6	13.9	2.8	1.3	0.0
-5°	124.9	78.1	40.1	14.7	3.1	1.4	0.0
-7.5°	127.0	79.7	41.3	15.4	3.5	1.4	0.0
-10°	128.6	80.8	42.4	16.0	3.8	1.5	0.0
-12.5°	129.5	81.6	43.2	16.5	4.1	1.6	0.0
-15°	129.7	82.0	43.7	16.9	4.4	1.6	0.0
-17.5°	129.4	81.9	43.9	17.2	4.7	1.7	0.0
-20°	129.0	81.5	43.9	17.5	4.9	1.7	0.0

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CATALOG NUMBER: GFLD-SA4B-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	129.1	80.6	43.5	17.6	5.1	1.7	0.0
-25°	128.5	80.3	42.8	17.6	5.3	1.8	0.0
-27.5°	127.3	79.9	41.8	17.4	5.5	1.8	0.0
-30°	125.4	79.1	40.6	17.2	5.6	1.8	0.0
-32.5°	122.9	77.7	40.1	16.8	5.7	1.8	0.0
-35°	120.5	75.9	39.3	16.3	5.8	1.8	0.0
-37.5°	117.7	73.8	38.1	15.7	5.8	1.8	0.0
-40°	114.3	72.0	36.6	15.0	5.8	1.8	0.0
-42.5°	110.3	69.8	35.5	14.3	5.7	1.8	0.0
-45°	105.6	67.1	34.8	13.7	5.6	1.7	0.0
-47.5°	100.3	63.9	33.8	13.0	5.5	1.7	0.0
-50°	95.6	60.3	32.3	12.7	5.3	1.7	0.0
-52.5°	90.6	56.2	30.6	12.6	5.1	1.6	0.0
-55°	85.0	52.9	28.4	12.2	4.9	1.5	0.0
-57.5°	78.9	49.3	26.0	11.8	4.6	1.5	0.0
-60°	72.3	45.2	23.3	11.1	4.3	1.4	0.0
-62.5°	66.0	40.7	21.7	10.3	4.1	1.3	0.0
-65°	59.0	35.7	19.8	9.4	3.8	1.2	0.0
-67.5°	51.5	31.2	17.7	8.4	3.5	1.1	0.0
-70°	43.4	27.4	15.4	7.2	3.1	1.0	0.0
-72.5°	36.9	23.3	13.0	6.4	2.8	0.9	0.0
-75°	30.3	18.9	10.3	5.6	2.4	0.8	0.0
-77.5°	23.4	14.2	8.5	4.7	2.0	0.6	0.0
-80°	16.2	10.9	6.9	3.8	1.6	0.5	0.0
-82.5°	11.9	8.2	5.2	2.9	1.2	0.4	0.0
-85°	8.0	5.5	3.5	1.9	0.8	0.3	0.0
-87.5°	4.0	2.8	1.8	1.0	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)