

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: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-735-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N144
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

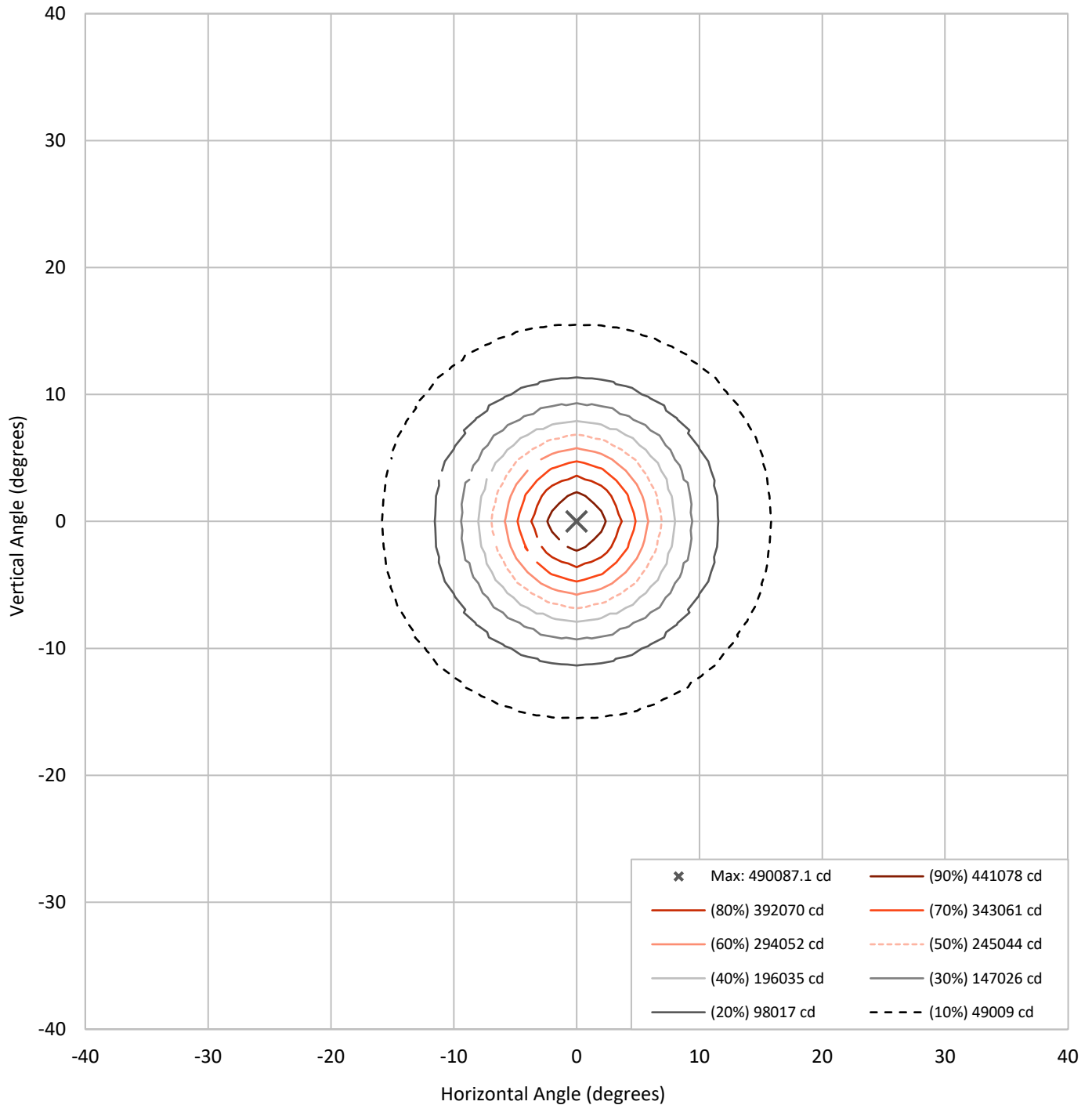
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	52040 lumens	Max Intensity:	490087.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	15385.9 lumens	Field Lumens:	34624.7 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	376.7		
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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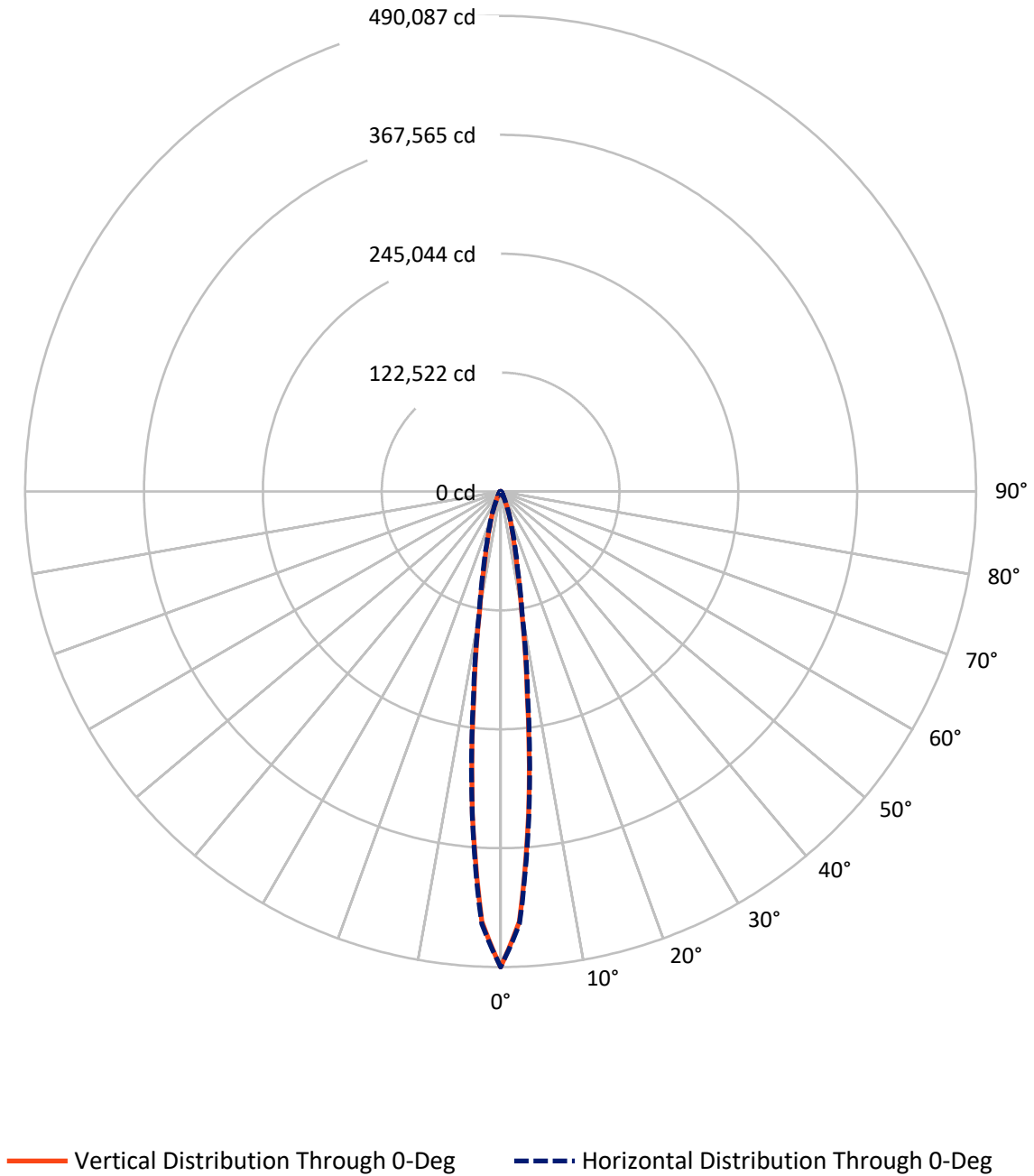
CATALOG NUMBER: GFLD-SA6E-735-U-NR-XX

Lumen Table

90																
80	0.9	7.1		18.7		30.3		33.1		30.3		18.7		7.1	0.9	
70																
60	3.2	3.6	7.5	12.3	17.4	21.4	24.0	25.1	25.1	24.0	21.4	17.4	12.3	7.5	3.6	3.2
50		5.5	11.3	18.3	24.6	30.0	33.6	35.0	35.0	33.6	30.0	24.6	18.3	11.3	5.5	
40	5.7	7.2	14.6	22.6	30.1	37.8	44.6	48.0	48.0	44.6	37.8	30.1	22.6	14.6	7.2	5.7
30		8.7	17.2	26.1	37.0	53.2	75.0	92.9	92.9	75.0	53.2	37.0	26.1	17.2	8.7	
20	7.4	9.8	18.8	29.4	47.9	95.1	216.5	358.4	358.4	216.5	95.1	47.9	29.4	18.8	9.8	7.4
10		10.5	19.8	32.4	63.6	201.9	716.9	1544.1	1544.1	716.9	201.9	63.6	32.4	19.8	10.5	
0	7.9	10.9	20.2	34.4	76.8	332.7	1558.5	6732.6	6732.6	1558.5	332.7	76.8	34.4	20.2	10.9	7.9
-10		10.9	20.2	34.4	76.8	332.7	1558.5	6732.6	6732.6	1558.5	332.7	76.8	34.4	20.2	10.9	
-20	7.4	10.5	19.8	32.4	63.6	201.9	716.9	1544.1	1544.1	716.9	201.9	63.6	32.4	19.8	10.5	7.4
-30		9.8	18.8	29.4	47.9	95.1	216.5	358.4	358.4	216.5	95.1	47.9	29.4	18.8	9.8	
-40	5.7	8.7	17.2	26.1	37.0	53.2	75.0	92.9	92.9	75.0	53.2	37.0	26.1	17.2	8.7	5.7
-50		7.2	14.6	22.6	30.1	37.8	44.6	48.0	48.0	44.6	37.8	30.1	22.6	14.6	7.2	
-60	3.2	5.5	11.3	18.3	24.6	30.0	33.6	35.0	35.0	33.6	30.0	24.6	18.3	11.3	5.5	3.2
-70		3.6	7.5	12.3	17.4	21.4	24.0	25.1	25.1	24.0	21.4	17.4	12.3	7.5	3.6	
-80																
-90	0.9	7.1		18.7		30.3		33.1		30.3		18.7		7.1	0.9	
Horizontal Angle (degrees)																

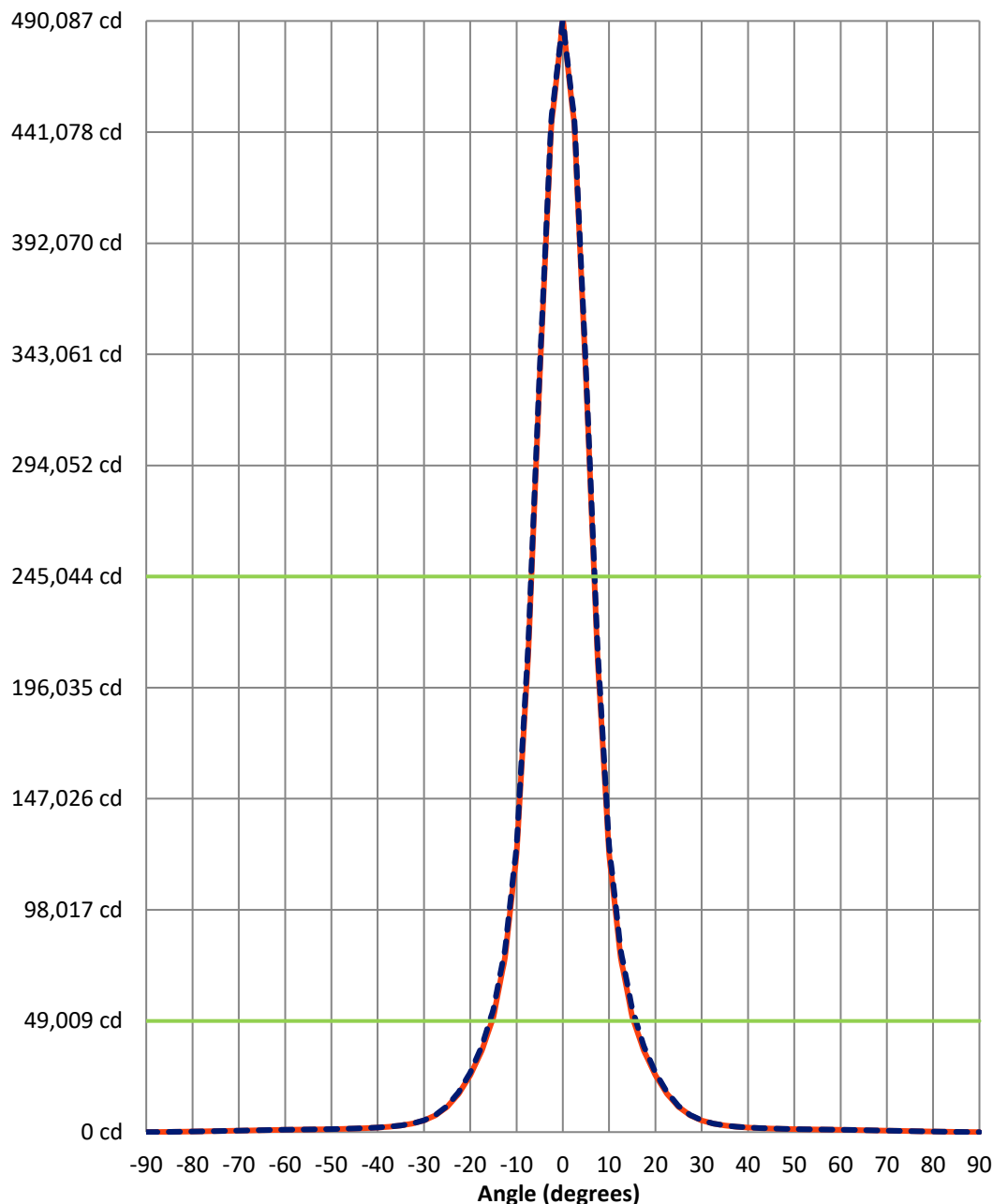
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 15385.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 34624.7
 Efficiency: 66.5%

Spill:
 Lumens: 17415.3
 Efficiency: 33.5%

— 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	1.6	3.7	5.5	7.3	9.1	10.9	12.6	14.4	16.1	17.7
85°	0.0	3.2	7.3	11.0	14.6	18.2	21.7	25.2	28.7	32.1	35.5
82.5°	0.0	4.8	10.9	16.4	21.8	27.2	32.5	37.8	43.5	51.2	58.7
80°	0.0	6.4	14.5	21.8	29.0	36.2	43.9	54.4	64.8	75.0	85.1
77.5°	0.0	7.9	18.1	27.2	36.2	46.4	59.8	73.0	86.0	98.7	112.3
75°	0.0	9.5	21.5	32.5	43.7	59.1	75.5	91.5	107.3	125.1	142.6
72.5°	0.0	11.0	24.9	37.8	53.3	71.5	90.9	110.5	131.6	152.3	172.7
70°	0.0	12.5	28.3	43.3	62.7	83.6	106.4	131.6	155.5	179.2	205.7
67.5°	0.0	13.9	31.5	49.9	71.9	95.5	124.0	152.3	179.2	209.4	239.2
65°	0.0	15.3	34.6	56.4	80.8	108.5	141.2	172.7	205.7	239.2	274.4
62.5°	0.0	16.7	37.7	62.7	89.5	122.6	158.1	194.7	231.8	269.6	313.8
60°	0.0	18.0	40.6	68.9	97.9	136.3	174.6	217.1	257.3	303.5	352.1
57.5°	0.0	19.3	44.3	74.8	108.5	149.7	192.7	238.8	285.3	336.4	389.1
55°	0.0	20.5	48.1	80.5	118.9	162.7	210.6	259.7	313.0	368.0	424.8
52.5°	0.0	21.7	51.7	86.0	129.0	175.6	227.9	282.2	339.7	398.4	459.0
50°	0.0	22.8	55.2	91.3	138.7	189.6	244.7	304.3	365.2	427.4	491.8
47.5°	0.0	23.9	58.6	96.8	148.1	203.0	261.1	325.6	389.5	455.0	524.0
45°	0.0	24.9	61.9	103.5	157.1	215.9	278.6	346.0	412.9	483.3	555.3
42.5°	0.0	25.8	65.1	109.9	165.6	228.2	295.4	365.6	435.3	510.8	585.9
40°	0.0	26.7	68.1	116.2	174.4	239.9	311.3	384.2	457.4	537.3	615.6
37.5°	0.0	27.5	71.1	122.2	183.2	251.0	326.4	401.9	479.3	562.0	644.4
35°	0.0	28.3	73.9	128.0	191.6	262.4	340.6	418.5	499.8	585.4	672.1
32.5°	0.0	28.9	76.5	133.3	199.4	273.5	353.9	434.2	518.6	607.2	696.2
30°	0.0	29.6	79.0	138.3	206.7	283.8	366.4	448.9	535.8	627.5	718.1
27.5°	0.0	30.1	81.3	143.0	213.7	293.3	377.8	462.9	551.8	646.1	737.8
25°	0.0	30.6	83.5	147.2	220.2	302.0	388.3	475.4	566.8	662.6	755.2
22.5°	0.0	31.0	85.5	151.1	226.2	309.8	397.8	486.6	580.3	676.7	770.3
20°	0.0	31.3	87.3	154.6	231.5	316.6	406.3	496.3	592.3	689.0	784.0
17.5°	0.0	31.5	88.9	157.7	236.3	322.4	413.4	504.7	602.7	699.3	796.1
15°	0.0	31.7	90.4	160.4	240.4	327.2	419.1	512.1	611.5	707.7	806.6
12.5°	0.0	31.9	91.6	162.7	244.0	331.0	423.7	518.9	618.9	714.1	815.3
10°	0.0	31.9	92.6	164.6	246.8	333.8	427.3	524.7	624.7	721.1	823.6
7.5°	0.0	31.9	93.4	166.1	249.1	335.7	429.7	529.3	628.6	727.0	833.3
5°	0.0	31.8	94.0	167.2	250.7	336.7	431.1	532.7	630.7	731.4	841.1
2.5°	0.0	31.7	94.4	167.8	251.7	336.8	431.4	534.8	631.1	734.1	846.9
0°	0.0	31.5	94.5	168.0	252.0	336.0	430.5	535.5	630.0	735.0	850.5
-2.5°	0.0	31.7	94.4	167.8	251.7	336.8	431.4	534.8	631.1	734.1	846.9
-5°	0.0	31.8	94.0	167.2	250.7	336.7	431.1	532.7	630.7	731.4	841.1
-7.5°	0.0	31.9	93.4	166.1	249.1	335.7	429.7	529.3	628.6	727.0	833.3
-10°	0.0	31.9	92.6	164.6	246.8	333.8	427.3	524.7	624.7	721.1	823.6
-12.5°	0.0	31.9	91.6	162.7	244.0	331.0	423.7	518.9	618.9	714.1	815.3
-15°	0.0	31.7	90.4	160.4	240.4	327.2	419.1	512.1	611.5	707.7	806.6
-17.5°	0.0	31.5	88.9	157.7	236.3	322.4	413.4	504.7	602.7	699.3	796.1
-20°	0.0	31.3	87.3	154.6	231.5	316.6	406.3	496.3	592.3	689.0	784.0

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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	31.0	85.5	151.1	226.2	309.8	397.8	486.6	580.3	676.7	770.3
-25°	0.0	30.6	83.5	147.2	220.2	302.0	388.3	475.4	566.8	662.6	755.2
-27.5°	0.0	30.1	81.3	143.0	213.7	293.3	377.8	462.9	551.8	646.1	737.8
-30°	0.0	29.6	79.0	138.3	206.7	283.8	366.4	448.9	535.8	627.5	718.1
-32.5°	0.0	28.9	76.5	133.3	199.4	273.5	353.9	434.2	518.6	607.2	696.2
-35°	0.0	28.3	73.9	128.0	191.6	262.4	340.6	418.5	499.8	585.4	672.1
-37.5°	0.0	27.5	71.1	122.2	183.2	251.0	326.4	401.9	479.3	562.0	644.4
-40°	0.0	26.7	68.1	116.2	174.4	239.9	311.3	384.2	457.4	537.3	615.6
-42.5°	0.0	25.8	65.1	109.9	165.6	228.2	295.4	365.6	435.3	510.8	585.9
-45°	0.0	24.9	61.9	103.5	157.1	215.9	278.6	346.0	412.9	483.3	555.3
-47.5°	0.0	23.9	58.6	96.8	148.1	203.0	261.1	325.6	389.5	455.0	524.0
-50°	0.0	22.8	55.2	91.3	138.7	189.6	244.7	304.3	365.2	427.4	491.8
-52.5°	0.0	21.7	51.7	86.0	129.0	175.6	227.9	282.2	339.7	398.4	459.0
-55°	0.0	20.5	48.1	80.5	118.9	162.7	210.6	259.7	313.0	368.0	424.8
-57.5°	0.0	19.3	44.3	74.8	108.5	149.7	192.7	238.8	285.3	336.4	389.1
-60°	0.0	18.0	40.6	68.9	97.9	136.3	174.6	217.1	257.3	303.5	352.1
-62.5°	0.0	16.7	37.7	62.7	89.5	122.6	158.1	194.7	231.8	269.6	313.8
-65°	0.0	15.3	34.6	56.4	80.8	108.5	141.2	172.7	205.7	239.2	274.4
-67.5°	0.0	13.9	31.5	49.9	71.9	95.5	124.0	152.3	179.2	209.4	239.2
-70°	0.0	12.5	28.3	43.3	62.7	83.6	106.4	131.6	155.5	179.2	205.7
-72.5°	0.0	11.0	24.9	37.8	53.3	71.5	90.9	110.5	131.6	152.3	172.7
-75°	0.0	9.5	21.5	32.5	43.7	59.1	75.5	91.5	107.3	125.1	142.6
-77.5°	0.0	7.9	18.1	27.2	36.2	46.4	59.8	73.0	86.0	98.7	112.3
-80°	0.0	6.4	14.5	21.8	29.0	36.2	43.9	54.4	64.8	75.0	85.1
-82.5°	0.0	4.8	10.9	16.4	21.8	27.2	32.5	37.8	43.5	51.2	58.7
-85°	0.0	3.2	7.3	11.0	14.6	18.2	21.7	25.2	28.7	32.1	35.5
-87.5°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.6	14.4	16.1	17.7
-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°	19.4	21.0	22.6	24.1	25.6	27.0	28.4	29.7	31.0	32.2	33.3
85°	38.7	42.0	46.6	51.2	55.1	58.5	61.3	63.7	68.1	72.6	77.3
82.5°	66.1	73.3	80.3	87.2	91.9	95.7	99.3	104.7	113.9	122.8	131.0
80°	94.9	104.5	115.4	126.1	135.2	144.3	153.8	163.6	173.8	183.3	192.6
77.5°	126.6	140.7	154.3	167.7	180.9	195.2	209.0	222.3	235.0	247.2	258.7
75°	159.8	176.6	195.1	213.4	231.1	248.3	265.2	283.1	300.3	316.8	332.4
72.5°	194.7	217.1	238.9	260.2	283.2	305.8	327.6	348.6	369.0	390.4	413.0
70°	231.8	257.3	285.8	313.1	338.8	365.7	392.6	415.8	437.9	467.3	497.5
67.5°	269.9	304.5	336.6	367.3	401.6	433.3	460.8	490.2	521.7	555.7	585.5
65°	315.0	352.4	389.8	428.7	468.3	501.2	535.7	572.1	607.8	641.7	674.1
62.5°	359.3	401.7	444.6	487.1	527.8	567.3	608.8	649.4	688.5	728.1	762.9
60°	402.1	450.2	495.5	539.8	586.0	635.1	681.1	726.1	773.0	817.7	841.1
57.5°	443.5	494.8	542.2	591.9	646.1	701.6	749.8	800.9	841.1	872.1	902.4
55°	482.3	535.7	587.7	643.6	702.4	760.1	813.8	859.3	896.4	924.8	956.9
52.5°	518.7	575.0	631.5	692.6	755.0	816.6	872.8	915.4	948.8	977.9	1008.0
50°	554.4	613.5	673.3	740.3	807.2	872.7	927.7	966.7	998.2	1028.0	1059.0
47.5°	589.5	651.6	715.9	787.3	859.8	923.0	975.2	1010.8	1042.6	1077.7	1111.6
45°	623.9	691.1	759.3	835.9	908.7	969.7	1014.0	1049.7	1089.0	1126.9	1163.2
42.5°	657.6	730.0	804.0	883.4	953.8	1008.7	1050.1	1092.2	1134.6	1175.0	1215.9
40°	691.5	767.4	845.8	924.8	995.6	1043.0	1086.8	1132.3	1178.9	1222.8	1268.2
37.5°	724.1	802.6	883.3	963.2	1027.5	1075.6	1121.1	1171.2	1220.4	1268.3	1327.4
35°	754.9	834.6	916.1	993.3	1055.3	1104.9	1155.9	1208.7	1260.3	1322.2	1389.6
32.5°	782.6	863.4	945.9	1017.9	1078.5	1132.2	1189.2	1244.3	1306.4	1376.4	1457.3
30°	805.9	888.5	971.4	1041.7	1100.9	1157.6	1219.6	1280.4	1352.9	1437.1	1533.3
27.5°	826.3	911.1	991.7	1062.0	1122.3	1178.7	1243.9	1320.7	1403.9	1498.4	1611.4
25°	845.4	934.0	1010.8	1080.6	1139.3	1198.3	1268.1	1353.0	1453.1	1566.9	1705.2
22.5°	863.5	955.9	1030.3	1098.3	1152.6	1216.4	1295.0	1387.3	1496.2	1629.5	1797.9
20°	880.7	972.3	1045.8	1112.2	1162.6	1232.2	1318.7	1417.3	1541.0	1700.0	1894.8
17.5°	896.6	986.3	1058.0	1120.4	1175.7	1248.9	1339.6	1441.8	1580.0	1764.1	1983.8
15°	911.0	998.1	1067.8	1127.1	1187.5	1266.5	1361.4	1472.1	1623.1	1825.1	2062.7
12.5°	923.8	1007.6	1075.3	1132.2	1196.9	1280.9	1380.8	1503.6	1669.4	1885.1	2162.7
10°	934.7	1014.9	1080.5	1135.8	1203.9	1291.9	1397.0	1529.3	1706.3	1931.6	2239.6
7.5°	944.0	1020.7	1084.1	1137.8	1208.5	1299.6	1409.6	1548.9	1732.2	1964.6	2295.1
5°	950.5	1025.3	1088.5	1144.3	1215.6	1305.7	1418.8	1562.2	1747.3	1984.3	2329.6
2.5°	954.3	1028.1	1091.1	1150.4	1223.2	1310.9	1425.7	1576.9	1759.6	2003.4	2356.0
0°	955.5	1029.0	1092.0	1155.0	1228.5	1312.5	1428.0	1585.5	1764.0	2016.0	2373.0
-2.5°	954.3	1028.1	1091.1	1150.4	1223.2	1310.9	1425.7	1576.9	1759.6	2003.4	2356.0
-5°	950.5	1025.3	1088.5	1144.3	1215.6	1305.7	1418.8	1562.2	1747.3	1984.3	2329.6
-7.5°	944.0	1020.7	1084.1	1137.8	1208.5	1299.6	1409.6	1548.9	1732.2	1964.6	2295.1
-10°	934.7	1014.9	1080.5	1135.8	1203.9	1291.9	1397.0	1529.3	1706.3	1931.6	2239.6
-12.5°	923.8	1007.6	1075.3	1132.2	1196.9	1280.9	1380.8	1503.6	1669.4	1885.1	2162.7
-15°	911.0	998.1	1067.8	1127.1	1187.5	1266.5	1361.4	1472.1	1623.1	1825.1	2062.7
-17.5°	896.6	986.3	1058.0	1120.4	1175.7	1248.9	1339.6	1441.8	1580.0	1764.1	1983.8
-20°	880.7	972.3	1045.8	1112.2	1162.6	1232.2	1318.7	1417.3	1541.0	1700.0	1894.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	863.5	955.9	1030.3	1098.3	1152.6	1216.4	1295.0	1387.3	1496.2	1629.5	1797.9
-25°	845.4	934.0	1010.8	1080.6	1139.3	1198.3	1268.1	1353.0	1453.1	1566.9	1705.2
-27.5°	826.3	911.1	991.7	1062.0	1122.3	1178.7	1243.9	1320.7	1403.9	1498.4	1611.4
-30°	805.9	888.5	971.4	1041.7	1100.9	1157.6	1219.6	1280.4	1352.9	1437.1	1533.3
-32.5°	782.6	863.4	945.9	1017.9	1078.5	1132.2	1189.2	1244.3	1306.4	1376.4	1457.3
-35°	754.9	834.6	916.1	993.3	1055.3	1104.9	1155.9	1208.7	1260.3	1322.2	1389.6
-37.5°	724.1	802.6	883.3	963.2	1027.5	1075.6	1121.1	1171.2	1220.4	1268.3	1327.4
-40°	691.5	767.4	845.8	924.8	995.6	1043.0	1086.8	1132.3	1178.9	1222.8	1268.2
-42.5°	657.6	730.0	804.0	883.4	953.8	1008.7	1050.1	1092.2	1134.6	1175.0	1215.9
-45°	623.9	691.1	759.3	835.9	908.7	969.7	1014.0	1049.7	1089.0	1126.9	1163.2
-47.5°	589.5	651.6	715.9	787.3	859.8	923.0	975.2	1010.8	1042.6	1077.7	1111.6
-50°	554.4	613.5	673.3	740.3	807.2	872.7	927.7	966.7	998.2	1028.0	1059.0
-52.5°	518.7	575.0	631.5	692.6	755.0	816.6	872.8	915.4	948.8	977.9	1008.0
-55°	482.3	535.7	587.7	643.6	702.4	760.1	813.8	859.3	896.4	924.8	956.9
-57.5°	443.5	494.8	542.2	591.9	646.1	701.6	749.8	800.9	841.1	872.1	902.4
-60°	402.1	450.2	495.5	539.8	586.0	635.1	681.1	726.1	773.0	817.7	841.1
-62.5°	359.3	401.7	444.6	487.1	527.8	567.3	608.8	649.4	688.5	728.1	762.9
-65°	315.0	352.4	389.8	428.7	468.3	501.2	535.7	572.1	607.8	641.7	674.1
-67.5°	269.9	304.5	336.6	367.3	401.6	433.3	460.8	490.2	521.7	555.7	585.5
-70°	231.8	257.3	285.8	313.1	338.8	365.7	392.6	415.8	437.9	467.3	497.5
-72.5°	194.7	217.1	238.9	260.2	283.2	305.8	327.6	348.6	369.0	390.4	413.0
-75°	159.8	176.6	195.1	213.4	231.1	248.3	265.2	283.1	300.3	316.8	332.4
-77.5°	126.6	140.7	154.3	167.7	180.9	195.2	209.0	222.3	235.0	247.2	258.7
-80°	94.9	104.5	115.4	126.1	135.2	144.3	153.8	163.6	173.8	183.3	192.6
-82.5°	66.1	73.3	80.3	87.2	91.9	95.7	99.3	104.7	113.9	122.8	131.0
-85°	38.7	42.0	46.6	51.2	55.1	58.5	61.3	63.7	68.1	72.6	77.3
-87.5°	19.4	21.0	22.6	24.1	25.6	27.0	28.4	29.7	31.0	32.2	33.3
-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: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-NR-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°	34.4	35.4	36.4	37.3	38.1	38.8	39.5	40.1	40.6	38.5	36.2
85°	82.1	85.2	88.1	90.7	93.2	95.4	97.4	99.2	100.7	99.4	97.9
82.5°	138.3	143.8	148.8	153.5	157.7	161.6	165.1	168.2	170.9	170.7	170.0
80°	201.3	210.3	219.3	228.3	237.1	242.4	246.2	249.2	251.1	252.0	252.3
77.5°	270.5	284.5	299.0	313.3	327.3	335.4	341.1	345.9	349.7	350.5	349.8
75°	347.2	365.2	385.0	402.4	417.4	426.6	433.0	438.4	442.8	443.9	443.4
72.5°	436.4	458.6	476.3	491.0	503.7	513.6	521.6	528.4	534.0	536.3	536.6
70°	524.1	546.0	562.9	577.8	590.2	600.5	610.1	618.4	625.2	630.2	633.9
67.5°	613.0	638.0	655.4	668.8	679.4	690.2	703.0	714.1	723.4	729.6	732.7
65°	704.3	730.1	746.8	761.5	774.5	788.1	802.4	812.8	819.7	824.0	826.8
62.5°	792.6	816.7	837.7	857.3	876.0	891.6	901.4	910.1	917.6	923.9	928.6
60°	868.4	899.2	922.8	941.5	959.8	977.5	989.5	999.0	1006.4	1011.9	1015.3
57.5°	933.2	964.5	992.3	1010.5	1030.3	1051.5	1065.4	1073.4	1080.8	1087.1	1090.0
55°	989.8	1018.7	1044.4	1069.2	1091.5	1110.5	1125.3	1136.1	1145.1	1152.3	1154.7
52.5°	1040.8	1072.3	1102.3	1128.7	1150.6	1168.8	1183.4	1196.8	1207.0	1213.9	1217.1
50°	1094.3	1128.2	1160.4	1189.2	1211.7	1232.2	1250.4	1266.2	1281.3	1293.2	1301.8
47.5°	1146.9	1183.1	1218.6	1250.3	1277.3	1306.9	1333.5	1355.9	1377.9	1395.7	1408.0
45°	1200.1	1241.7	1280.4	1321.3	1357.9	1396.6	1432.7	1463.6	1495.5	1519.6	1535.9
42.5°	1259.0	1306.4	1352.9	1403.9	1453.7	1504.2	1558.7	1607.4	1645.0	1680.3	1708.8
40°	1322.2	1376.4	1437.1	1499.6	1573.1	1639.7	1713.0	1776.0	1832.8	1893.0	1940.8
37.5°	1389.6	1457.3	1537.1	1620.7	1715.7	1806.9	1902.6	1996.7	2078.8	2175.6	2249.5
35°	1464.1	1554.5	1652.7	1765.8	1884.1	2014.8	2145.7	2297.0	2427.2	2570.4	2695.2
32.5°	1552.2	1660.2	1789.0	1938.2	2090.3	2288.5	2473.8	2714.6	2922.8	3150.0	3378.9
30°	1643.0	1784.0	1950.4	2138.3	2380.0	2652.6	2956.4	3314.6	3684.0	4041.3	4472.4
27.5°	1755.3	1925.6	2127.0	2401.7	2757.3	3125.7	3648.2	4185.9	4864.7	5426.2	6217.8
25°	1872.1	2072.5	2358.7	2732.4	3196.4	3835.8	4628.6	5488.0	6682.4	7731.8	8962.4
22.5°	1999.2	2269.7	2625.9	3087.0	3790.7	4772.1	5972.6	7590.4	9352.2	11222.5	13083.0
20°	2131.6	2458.9	2925.7	3594.1	4559.6	5888.9	7949.8	10447.3	12964.1	16050.2	18783.1
17.5°	2285.0	2701.6	3276.8	4112.5	5401.0	7437.3	10296.4	13783.1	17687.6	22124.9	26064.6
15°	2412.7	2909.4	3635.5	4804.8	6576.9	9191.9	12797.5	17594.0	23461.4	29420.8	35467.0
12.5°	2561.1	3135.6	3988.3	5382.5	7608.3	11083.5	15991.4	22062.3	29390.1	37656.2	47400.6
10°	2692.8	3357.7	4417.7	6143.5	8863.5	13056.4	19012.7	26316.5	35773.1	47666.0	62756.1
7.5°	2790.4	3534.4	4749.1	6722.7	9948.6	14953.2	21867.3	30975.1	42991.2	58695.7	79405.8
5°	2853.8	3662.3	4983.6	7169.5	10798.1	16364.9	23959.4	34279.2	48775.8	70987.2	106057.0
2.5°	2891.7	3738.0	5117.5	7431.6	11314.6	17300.3	25551.0	36777.7	52524.7	78583.4	123198.7
0°	2908.6	3759.1	5197.6	7570.7	11487.2	17661.4	26282.0	37916.3	54202.1	80358.2	126212.6
-2.5°	2891.7	3738.0	5117.5	7431.6	11314.6	17300.3	25551.0	36777.7	52524.7	78583.4	123198.7
-5°	2853.8	3662.3	4983.6	7169.5	10798.1	16364.9	23959.4	34279.2	48775.8	70987.2	106057.0
-7.5°	2790.4	3534.4	4749.1	6722.7	9948.6	14953.2	21867.3	30975.1	42991.2	58695.7	79405.8
-10°	2692.8	3357.7	4417.7	6143.5	8863.5	13056.4	19012.7	26316.5	35773.1	47666.0	62756.1
-12.5°	2561.1	3135.6	3988.3	5382.5	7608.3	11083.5	15991.4	22062.3	29390.1	37656.2	47400.6
-15°	2412.7	2909.4	3635.5	4804.8	6576.9	9191.9	12797.5	17594.0	23461.4	29420.8	35467.0
-17.5°	2285.0	2701.6	3276.8	4112.5	5401.0	7437.3	10296.4	13783.1	17687.6	22124.9	26064.6
-20°	2131.6	2458.9	2925.7	3594.1	4559.6	5888.9	7949.8	10447.3	12964.1	16050.2	18783.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1999.2	2269.7	2625.9	3087.0	3790.7	4772.1	5972.6	7590.4	9352.2	11222.5	13083.0
-25°	1872.1	2072.5	2358.7	2732.4	3196.4	3835.8	4628.6	5488.0	6682.4	7731.8	8962.4
-27.5°	1755.3	1925.6	2127.0	2401.7	2757.3	3125.7	3648.2	4185.9	4864.7	5426.2	6217.8
-30°	1643.0	1784.0	1950.4	2138.3	2380.0	2652.6	2956.4	3314.6	3684.0	4041.3	4472.4
-32.5°	1552.2	1660.2	1789.0	1938.2	2090.3	2288.5	2473.8	2714.6	2922.8	3150.0	3378.9
-35°	1464.1	1554.5	1652.7	1765.8	1884.1	2014.8	2145.7	2297.0	2427.2	2570.4	2695.2
-37.5°	1389.6	1457.3	1537.1	1620.7	1715.7	1806.9	1902.6	1996.7	2078.8	2175.6	2249.5
-40°	1322.2	1376.4	1437.1	1499.6	1573.1	1639.7	1713.0	1776.0	1832.8	1893.0	1940.8
-42.5°	1259.0	1306.4	1352.9	1403.9	1453.7	1504.2	1558.7	1607.4	1645.0	1680.3	1708.8
-45°	1200.1	1241.7	1280.4	1321.3	1357.9	1396.6	1432.7	1463.6	1495.5	1519.6	1535.9
-47.5°	1146.9	1183.1	1218.6	1250.3	1277.3	1306.9	1333.5	1355.9	1377.9	1395.7	1408.0
-50°	1094.3	1128.2	1160.4	1189.2	1211.7	1232.2	1250.4	1266.2	1281.3	1293.2	1301.8
-52.5°	1040.8	1072.3	1102.3	1128.7	1150.6	1168.8	1183.4	1196.8	1207.0	1213.9	1217.1
-55°	989.8	1018.7	1044.4	1069.2	1091.5	1110.5	1125.3	1136.1	1145.1	1152.3	1154.7
-57.5°	933.2	964.5	992.3	1010.5	1030.3	1051.5	1065.4	1073.4	1080.8	1087.1	1090.0
-60°	868.4	899.2	922.8	941.5	959.8	977.5	989.5	999.0	1006.4	1011.9	1015.3
-62.5°	792.6	816.7	837.7	857.3	876.0	891.6	901.4	910.1	917.6	923.9	928.6
-65°	704.3	730.1	746.8	761.5	774.5	788.1	802.4	812.8	819.7	824.0	826.8
-67.5°	613.0	638.0	655.4	668.8	679.4	690.2	703.0	714.1	723.4	729.6	732.7
-70°	524.1	546.0	562.9	577.8	590.2	600.5	610.1	618.4	625.2	630.2	633.9
-72.5°	436.4	458.6	476.3	491.0	503.7	513.6	521.6	528.4	534.0	536.3	536.6
-75°	347.2	365.2	385.0	402.4	417.4	426.6	433.0	438.4	442.8	443.9	443.4
-77.5°	270.5	284.5	299.0	313.3	327.3	335.4	341.1	345.9	349.7	350.5	349.8
-80°	201.3	210.3	219.3	228.3	237.1	242.4	246.2	249.2	251.1	252.0	252.3
-82.5°	138.3	143.8	148.8	153.5	157.7	161.6	165.1	168.2	170.9	170.7	170.0
-85°	82.1	85.2	88.1	90.7	93.2	95.4	97.4	99.2	100.7	99.4	97.9
-87.5°	34.4	35.4	36.4	37.3	38.1	38.8	39.5	40.1	40.6	38.5	36.2
-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: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-NR-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°	33.8	31.4	31.5	31.5	31.5	31.4	33.8	36.2	38.5	40.6	40.1
85°	96.1	94.0	94.4	94.5	94.4	94.0	96.1	97.9	99.4	100.7	99.2
82.5°	168.8	167.2	167.8	168.0	167.8	167.2	168.8	170.0	170.7	170.9	168.2
80°	251.8	250.8	246.5	241.5	246.5	250.8	251.8	252.3	252.0	251.1	249.2
77.5°	347.9	344.9	340.9	336.0	340.9	344.9	347.9	349.8	350.5	349.7	345.9
75°	441.8	439.2	440.4	441.0	440.4	439.2	441.8	443.4	443.9	442.8	438.4
72.5°	535.7	533.4	534.9	535.5	534.9	533.4	535.7	536.6	536.3	534.0	528.4
70°	636.4	637.5	634.8	630.0	634.8	637.5	636.4	633.9	630.2	625.2	618.4
67.5°	733.6	732.4	729.3	724.5	729.3	732.4	733.6	732.7	729.6	723.4	714.1
65°	827.7	826.7	828.5	829.5	828.5	826.7	827.7	826.8	824.0	819.7	812.8
62.5°	931.0	931.1	928.8	924.0	928.8	931.1	931.0	928.6	923.9	917.6	910.1
60°	1016.7	1015.9	1013.0	1008.0	1013.0	1015.9	1016.7	1015.3	1011.9	1006.4	999.0
57.5°	1091.0	1089.9	1086.7	1081.5	1086.7	1089.9	1091.0	1090.0	1087.1	1080.8	1073.4
55°	1155.0	1153.5	1149.9	1144.5	1149.9	1153.5	1155.0	1154.7	1152.3	1145.1	1136.1
52.5°	1217.8	1216.5	1216.9	1218.0	1216.9	1216.5	1217.8	1217.1	1213.9	1207.0	1196.8
50°	1307.0	1308.8	1307.2	1302.0	1307.2	1308.8	1307.0	1301.8	1293.2	1281.3	1266.2
47.5°	1413.9	1414.5	1412.0	1407.0	1412.0	1414.5	1413.9	1408.0	1395.7	1377.9	1355.9
45°	1548.6	1556.2	1558.2	1554.0	1558.2	1556.2	1548.6	1535.9	1519.6	1495.5	1463.6
42.5°	1730.9	1742.8	1746.3	1743.0	1746.3	1742.8	1730.9	1708.8	1680.3	1645.0	1607.4
40°	1970.2	1983.8	1986.4	1984.5	1986.4	1983.8	1970.2	1940.8	1893.0	1832.8	1776.0
37.5°	2301.4	2334.6	2350.2	2352.0	2350.2	2334.6	2301.4	2249.5	2175.6	2078.8	1996.7
35°	2790.3	2856.3	2891.6	2908.6	2891.6	2856.3	2790.3	2695.2	2570.4	2427.2	2297.0
32.5°	3552.4	3684.4	3757.6	3748.6	3757.6	3684.4	3552.4	3378.9	3150.0	2922.8	2714.6
30°	4797.3	5028.1	5144.4	5113.6	5144.4	5028.1	4797.3	4472.4	4041.3	3684.0	3314.6
27.5°	6786.4	7203.8	7445.0	7413.2	7445.0	7203.8	6786.4	6217.8	5426.2	4864.7	4185.9
25°	9991.3	10752.8	11240.4	11119.7	11240.4	10752.8	9991.3	8962.4	7731.8	6682.4	5488.0
22.5°	14866.6	16156.8	17010.7	16905.3	17010.7	16156.8	14866.6	13083.0	11222.5	9352.2	7590.4
20°	21554.1	23518.0	24920.2	25106.0	24920.2	23518.0	21554.1	18783.1	16050.2	12964.1	10447.3
17.5°	30320.2	33434.0	35601.5	35963.2	35601.5	33434.0	30320.2	26064.6	22124.9	17687.6	13783.1
15°	41713.1	46802.3	50485.6	50789.5	50485.6	46802.3	41713.1	35467.0	29420.8	23461.4	17594.0
12.5°	57182.8	67418.7	74099.1	77040.1	74099.1	67418.7	57182.8	47400.6	37656.2	29390.1	22062.3
10°	78592.0	102103.4	117160.5	122821.0	117160.5	102103.4	78592.0	62756.1	47666.0	35773.1	26316.5
7.5°	114352.0	151265.5	192303.7	209794.4	192303.7	151265.5	114352.0	79405.8	58695.7	42991.2	30975.1
5°	154847.2	231457.6	304327.7	332783.4	304327.7	231457.6	154847.2	106057.0	70987.2	48775.8	34279.2
2.5°	197458.7	304242.4	404306.9	443439.9	404306.9	304242.4	197458.7	123198.7	78583.4	52524.7	36777.7
0°	214099.4	336111.9	446206.7	490087.1	446206.7	336111.9	214099.4	126212.6	80358.2	54202.1	37916.3
-2.5°	197458.7	304242.4	404306.9	443439.9	404306.9	304242.4	197458.7	123198.7	78583.4	52524.7	36777.7
-5°	154847.2	231457.6	304327.7	332783.4	304327.7	231457.6	154847.2	106057.0	70987.2	48775.8	34279.2
-7.5°	114352.0	151265.5	192303.7	209794.4	192303.7	151265.5	114352.0	79405.8	58695.7	42991.2	30975.1
-10°	78592.0	102103.4	117160.5	122821.0	117160.5	102103.4	78592.0	62756.1	47666.0	35773.1	26316.5
-12.5°	57182.8	67418.7	74099.1	77040.1	74099.1	67418.7	57182.8	47400.6	37656.2	29390.1	22062.3
-15°	41713.1	46802.3	50485.6	50789.5	50485.6	46802.3	41713.1	35467.0	29420.8	23461.4	17594.0
-17.5°	30320.2	33434.0	35601.5	35963.2	35601.5	33434.0	30320.2	26064.6	22124.9	17687.6	13783.1
-20°	21554.1	23518.0	24920.2	25106.0	24920.2	23518.0	21554.1	18783.1	16050.2	12964.1	10447.3



REPORT NUMBER: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14866.6	16156.8	17010.7	16905.3	17010.7	16156.8	14866.6	13083.0	11222.5	9352.2	7590.4
-25°	9991.3	10752.8	11240.4	11119.7	11240.4	10752.8	9991.3	8962.4	7731.8	6682.4	5488.0
-27.5°	6786.4	7203.8	7445.0	7413.2	7445.0	7203.8	6786.4	6217.8	5426.2	4864.7	4185.9
-30°	4797.3	5028.1	5144.4	5113.6	5144.4	5028.1	4797.3	4472.4	4041.3	3684.0	3314.6
-32.5°	3552.4	3684.4	3757.6	3748.6	3757.6	3684.4	3552.4	3378.9	3150.0	2922.8	2714.6
-35°	2790.3	2856.3	2891.6	2908.6	2891.6	2856.3	2790.3	2695.2	2570.4	2427.2	2297.0
-37.5°	2301.4	2334.6	2350.2	2352.0	2350.2	2334.6	2301.4	2249.5	2175.6	2078.8	1996.7
-40°	1970.2	1983.8	1986.4	1984.5	1986.4	1983.8	1970.2	1940.8	1893.0	1832.8	1776.0
-42.5°	1730.9	1742.8	1746.3	1743.0	1746.3	1742.8	1730.9	1708.8	1680.3	1645.0	1607.4
-45°	1548.6	1556.2	1558.2	1554.0	1558.2	1556.2	1548.6	1535.9	1519.6	1495.5	1463.6
-47.5°	1413.9	1414.5	1412.0	1407.0	1412.0	1414.5	1413.9	1408.0	1395.7	1377.9	1355.9
-50°	1307.0	1308.8	1307.2	1302.0	1307.2	1308.8	1307.0	1301.8	1293.2	1281.3	1266.2
-52.5°	1217.8	1216.5	1216.9	1218.0	1216.9	1216.5	1217.8	1217.1	1213.9	1207.0	1196.8
-55°	1155.0	1153.5	1149.9	1144.5	1149.9	1153.5	1155.0	1154.7	1152.3	1145.1	1136.1
-57.5°	1091.0	1089.9	1086.7	1081.5	1086.7	1089.9	1091.0	1090.0	1087.1	1080.8	1073.4
-60°	1016.7	1015.9	1013.0	1008.0	1013.0	1015.9	1016.7	1015.3	1011.9	1006.4	999.0
-62.5°	931.0	931.1	928.8	924.0	928.8	931.1	931.0	928.6	923.9	917.6	910.1
-65°	827.7	826.7	828.5	829.5	828.5	826.7	827.7	826.8	824.0	819.7	812.8
-67.5°	733.6	732.4	729.3	724.5	729.3	732.4	733.6	732.7	729.6	723.4	714.1
-70°	636.4	637.5	634.8	630.0	634.8	637.5	636.4	633.9	630.2	625.2	618.4
-72.5°	535.7	533.4	534.9	535.5	534.9	533.4	535.7	536.6	536.3	534.0	528.4
-75°	441.8	439.2	440.4	441.0	440.4	439.2	441.8	443.4	443.9	442.8	438.4
-77.5°	347.9	344.9	340.9	336.0	340.9	344.9	347.9	349.8	350.5	349.7	345.9
-80°	251.8	250.8	246.5	241.5	246.5	250.8	251.8	252.3	252.0	251.1	249.2
-82.5°	168.8	167.2	167.8	168.0	167.8	167.2	168.8	170.0	170.7	170.9	168.2
-85°	96.1	94.0	94.4	94.5	94.4	94.0	96.1	97.9	99.4	100.7	99.2
-87.5°	33.8	31.4	31.5	31.5	31.5	31.4	33.8	36.2	38.5	40.6	40.1
-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: GFLD-SA6E-735-U-NR-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°	39.5	38.8	38.1	37.3	36.4	35.4	34.4	33.3	32.2	31.0	29.7
85°	97.4	95.4	93.2	90.7	88.1	85.2	82.1	77.3	72.6	68.1	63.7
82.5°	165.1	161.6	157.7	153.5	148.8	143.8	138.3	131.0	122.8	113.9	104.7
80°	246.2	242.4	237.1	228.3	219.3	210.3	201.3	192.6	183.3	173.8	163.6
77.5°	341.1	335.4	327.3	313.3	299.0	284.5	270.5	258.7	247.2	235.0	222.3
75°	433.0	426.6	417.4	402.4	385.0	365.2	347.2	332.4	316.8	300.3	283.1
72.5°	521.6	513.6	503.7	491.0	476.3	458.6	436.4	413.0	390.4	369.0	348.6
70°	610.1	600.5	590.2	577.8	562.9	546.0	524.1	497.5	467.3	437.9	415.8
67.5°	703.0	690.2	679.4	668.8	655.4	638.0	613.0	585.5	555.7	521.7	490.2
65°	802.4	788.1	774.5	761.5	746.8	730.1	704.3	674.1	641.7	607.8	572.1
62.5°	901.4	891.6	876.0	857.3	837.7	816.7	792.6	762.9	728.1	688.5	649.4
60°	989.5	977.5	959.8	941.5	922.8	899.2	868.4	841.1	817.7	773.0	726.1
57.5°	1065.4	1051.5	1030.3	1010.5	992.3	964.5	933.2	902.4	872.1	841.1	800.9
55°	1125.3	1110.5	1091.5	1069.2	1044.4	1018.7	989.8	956.9	924.8	896.4	859.3
52.5°	1183.4	1168.8	1150.6	1128.7	1102.3	1072.3	1040.8	1008.0	977.9	948.8	915.4
50°	1250.4	1232.2	1211.7	1189.2	1160.4	1128.2	1094.3	1059.0	1028.0	998.2	966.7
47.5°	1333.5	1306.9	1277.3	1250.3	1218.6	1183.1	1146.9	1111.6	1077.7	1042.6	1010.8
45°	1432.7	1396.6	1357.9	1321.3	1280.4	1241.7	1200.1	1163.2	1126.9	1089.0	1049.7
42.5°	1558.7	1504.2	1453.7	1403.9	1352.9	1306.4	1259.0	1215.9	1175.0	1134.6	1092.2
40°	1713.0	1639.7	1573.1	1499.6	1437.1	1376.4	1322.2	1268.2	1222.8	1178.9	1132.3
37.5°	1902.6	1806.9	1715.7	1620.7	1537.1	1457.3	1389.6	1327.4	1268.3	1220.4	1171.2
35°	2145.7	2014.8	1884.1	1765.8	1652.7	1554.5	1464.1	1389.6	1322.2	1260.3	1208.7
32.5°	2473.8	2288.5	2090.3	1938.2	1789.0	1660.2	1552.2	1457.3	1376.4	1306.4	1244.3
30°	2956.4	2652.6	2380.0	2138.3	1950.4	1784.0	1643.0	1533.3	1437.1	1352.9	1280.4
27.5°	3648.2	3125.7	2757.3	2401.7	2127.0	1925.6	1755.3	1611.4	1498.4	1403.9	1320.7
25°	4628.6	3835.8	3196.4	2732.4	2358.7	2072.5	1872.1	1705.2	1566.9	1453.1	1353.0
22.5°	5972.6	4772.1	3790.7	3087.0	2625.9	2269.7	1999.2	1797.9	1629.5	1496.2	1387.3
20°	7949.8	5888.9	4559.6	3594.1	2925.7	2458.9	2131.6	1894.8	1700.0	1541.0	1417.3
17.5°	10296.4	7437.3	5401.0	4112.5	3276.8	2701.6	2285.0	1983.8	1764.1	1580.0	1441.8
15°	12797.5	9191.9	6576.9	4804.8	3635.5	2909.4	2412.7	2062.7	1825.1	1623.1	1472.1
12.5°	15991.4	11083.5	7608.3	5382.5	3988.3	3135.6	2561.1	2162.7	1885.1	1669.4	1503.6
10°	19012.7	13056.4	8863.5	6143.5	4417.7	3357.7	2692.8	2239.6	1931.6	1706.3	1529.3
7.5°	21867.3	14953.2	9948.6	6722.7	4749.1	3534.4	2790.4	2295.1	1964.6	1732.2	1548.9
5°	23959.4	16364.9	10798.1	7169.5	4983.6	3662.3	2853.8	2329.6	1984.3	1747.3	1562.2
2.5°	25551.0	17300.3	11314.6	7431.6	5117.5	3738.0	2891.7	2356.0	2003.4	1759.6	1576.9
0°	26282.0	17661.4	11487.2	7570.7	5197.6	3759.1	2908.6	2373.0	2016.0	1764.0	1585.5
-2.5°	25551.0	17300.3	11314.6	7431.6	5117.5	3738.0	2891.7	2356.0	2003.4	1759.6	1576.9
-5°	23959.4	16364.9	10798.1	7169.5	4983.6	3662.3	2853.8	2329.6	1984.3	1747.3	1562.2
-7.5°	21867.3	14953.2	9948.6	6722.7	4749.1	3534.4	2790.4	2295.1	1964.6	1732.2	1548.9
-10°	19012.7	13056.4	8863.5	6143.5	4417.7	3357.7	2692.8	2239.6	1931.6	1706.3	1529.3
-12.5°	15991.4	11083.5	7608.3	5382.5	3988.3	3135.6	2561.1	2162.7	1885.1	1669.4	1503.6
-15°	12797.5	9191.9	6576.9	4804.8	3635.5	2909.4	2412.7	2062.7	1825.1	1623.1	1472.1
-17.5°	10296.4	7437.3	5401.0	4112.5	3276.8	2701.6	2285.0	1983.8	1764.1	1580.0	1441.8
-20°	7949.8	5888.9	4559.6	3594.1	2925.7	2458.9	2131.6	1894.8	1700.0	1541.0	1417.3



REPORT NUMBER: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5972.6	4772.1	3790.7	3087.0	2625.9	2269.7	1999.2	1797.9	1629.5	1496.2	1387.3
-25°	4628.6	3835.8	3196.4	2732.4	2358.7	2072.5	1872.1	1705.2	1566.9	1453.1	1353.0
-27.5°	3648.2	3125.7	2757.3	2401.7	2127.0	1925.6	1755.3	1611.4	1498.4	1403.9	1320.7
-30°	2956.4	2652.6	2380.0	2138.3	1950.4	1784.0	1643.0	1533.3	1437.1	1352.9	1280.4
-32.5°	2473.8	2288.5	2090.3	1938.2	1789.0	1660.2	1552.2	1457.3	1376.4	1306.4	1244.3
-35°	2145.7	2014.8	1884.1	1765.8	1652.7	1554.5	1464.1	1389.6	1322.2	1260.3	1208.7
-37.5°	1902.6	1806.9	1715.7	1620.7	1537.1	1457.3	1389.6	1327.4	1268.3	1220.4	1171.2
-40°	1713.0	1639.7	1573.1	1499.6	1437.1	1376.4	1322.2	1268.2	1222.8	1178.9	1132.3
-42.5°	1558.7	1504.2	1453.7	1403.9	1352.9	1306.4	1259.0	1215.9	1175.0	1134.6	1092.2
-45°	1432.7	1396.6	1357.9	1321.3	1280.4	1241.7	1200.1	1163.2	1126.9	1089.0	1049.7
-47.5°	1333.5	1306.9	1277.3	1250.3	1218.6	1183.1	1146.9	1111.6	1077.7	1042.6	1010.8
-50°	1250.4	1232.2	1211.7	1189.2	1160.4	1128.2	1094.3	1059.0	1028.0	998.2	966.7
-52.5°	1183.4	1168.8	1150.6	1128.7	1102.3	1072.3	1040.8	1008.0	977.9	948.8	915.4
-55°	1125.3	1110.5	1091.5	1069.2	1044.4	1018.7	989.8	956.9	924.8	896.4	859.3
-57.5°	1065.4	1051.5	1030.3	1010.5	992.3	964.5	933.2	902.4	872.1	841.1	800.9
-60°	989.5	977.5	959.8	941.5	922.8	899.2	868.4	841.1	817.7	773.0	726.1
-62.5°	901.4	891.6	876.0	857.3	837.7	816.7	792.6	762.9	728.1	688.5	649.4
-65°	802.4	788.1	774.5	761.5	746.8	730.1	704.3	674.1	641.7	607.8	572.1
-67.5°	703.0	690.2	679.4	668.8	655.4	638.0	613.0	585.5	555.7	521.7	490.2
-70°	610.1	600.5	590.2	577.8	562.9	546.0	524.1	497.5	467.3	437.9	415.8
-72.5°	521.6	513.6	503.7	491.0	476.3	458.6	436.4	413.0	390.4	369.0	348.6
-75°	433.0	426.6	417.4	402.4	385.0	365.2	347.2	332.4	316.8	300.3	283.1
-77.5°	341.1	335.4	327.3	313.3	299.0	284.5	270.5	258.7	247.2	235.0	222.3
-80°	246.2	242.4	237.1	228.3	219.3	210.3	201.3	192.6	183.3	173.8	163.6
-82.5°	165.1	161.6	157.7	153.5	148.8	143.8	138.3	131.0	122.8	113.9	104.7
-85°	97.4	95.4	93.2	90.7	88.1	85.2	82.1	77.3	72.6	68.1	63.7
-87.5°	39.5	38.8	38.1	37.3	36.4	35.4	34.4	33.3	32.2	31.0	29.7
-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: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-NR-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°	28.4	27.0	25.6	24.1	22.6	21.0	19.4	17.7	16.1	14.4	12.6
85°	61.3	58.5	55.1	51.2	46.6	42.0	38.7	35.5	32.1	28.7	25.2
82.5°	99.3	95.7	91.9	87.2	80.3	73.3	66.1	58.7	51.2	43.5	37.8
80°	153.8	144.3	135.2	126.1	115.4	104.5	94.9	85.1	75.0	64.8	54.4
77.5°	209.0	195.2	180.9	167.7	154.3	140.7	126.6	112.3	98.7	86.0	73.0
75°	265.2	248.3	231.1	213.4	195.1	176.6	159.8	142.6	125.1	107.3	91.5
72.5°	327.6	305.8	283.2	260.2	238.9	217.1	194.7	172.7	152.3	131.6	110.5
70°	392.6	365.7	338.8	313.1	285.8	257.3	231.8	205.7	179.2	155.5	131.6
67.5°	460.8	433.3	401.6	367.3	336.6	304.5	269.9	239.2	209.4	179.2	152.3
65°	535.7	501.2	468.3	428.7	389.8	352.4	315.0	274.4	239.2	205.7	172.7
62.5°	608.8	567.3	527.8	487.1	444.6	401.7	359.3	313.8	269.6	231.8	194.7
60°	681.1	635.1	586.0	539.8	495.5	450.2	402.1	352.1	303.5	257.3	217.1
57.5°	749.8	701.6	646.1	591.9	542.2	494.8	443.5	389.1	336.4	285.3	238.8
55°	813.8	760.1	702.4	643.6	587.7	535.7	482.3	424.8	368.0	313.0	259.7
52.5°	872.8	816.6	755.0	692.6	631.5	575.0	518.7	459.0	398.4	339.7	282.2
50°	927.7	872.7	807.2	740.3	673.3	613.5	554.4	491.8	427.4	365.2	304.3
47.5°	975.2	923.0	859.8	787.3	715.9	651.6	589.5	524.0	455.0	389.5	325.6
45°	1014.0	969.7	908.7	835.9	759.3	691.1	623.9	555.3	483.3	412.9	346.0
42.5°	1050.1	1008.7	953.8	883.4	804.0	730.0	657.6	585.9	510.8	435.3	365.6
40°	1086.8	1043.0	995.6	924.8	845.8	767.4	691.5	615.6	537.3	457.4	384.2
37.5°	1121.1	1075.6	1027.5	963.2	883.3	802.6	724.1	644.4	562.0	479.3	401.9
35°	1155.9	1104.9	1055.3	993.3	916.1	834.6	754.9	672.1	585.4	499.8	418.5
32.5°	1189.2	1132.2	1078.5	1017.9	945.9	863.4	782.6	696.2	607.2	518.6	434.2
30°	1219.6	1157.6	1100.9	1041.7	971.4	888.5	805.9	718.1	627.5	535.8	448.9
27.5°	1243.9	1178.7	1122.3	1062.0	991.7	911.1	826.3	737.8	646.1	551.8	462.9
25°	1268.1	1198.3	1139.3	1080.6	1010.8	934.0	845.4	755.2	662.6	566.8	475.4
22.5°	1295.0	1216.4	1152.6	1098.3	1030.3	955.9	863.5	770.3	676.7	580.3	486.6
20°	1318.7	1232.2	1162.6	1112.2	1045.8	972.3	880.7	784.0	689.0	592.3	496.3
17.5°	1339.6	1248.9	1175.7	1120.4	1058.0	986.3	896.6	796.1	699.3	602.7	504.7
15°	1361.4	1266.5	1187.5	1127.1	1067.8	998.1	911.0	806.6	707.7	611.5	512.1
12.5°	1380.8	1280.9	1196.9	1132.2	1075.3	1007.6	923.8	815.3	714.1	618.9	518.9
10°	1397.0	1291.9	1203.9	1135.8	1080.5	1014.9	934.7	823.6	721.1	624.7	524.7
7.5°	1409.6	1299.6	1208.5	1137.8	1084.1	1020.7	944.0	833.3	727.0	628.6	529.3
5°	1418.8	1305.7	1215.6	1144.3	1088.5	1025.3	950.5	841.1	731.4	630.7	532.7
2.5°	1425.7	1310.9	1223.2	1150.4	1091.1	1028.1	954.3	846.9	734.1	631.1	534.8
0°	1428.0	1312.5	1228.5	1155.0	1092.0	1029.0	955.5	850.5	735.0	630.0	535.5
-2.5°	1425.7	1310.9	1223.2	1150.4	1091.1	1028.1	954.3	846.9	734.1	631.1	534.8
-5°	1418.8	1305.7	1215.6	1144.3	1088.5	1025.3	950.5	841.1	731.4	630.7	532.7
-7.5°	1409.6	1299.6	1208.5	1137.8	1084.1	1020.7	944.0	833.3	727.0	628.6	529.3
-10°	1397.0	1291.9	1203.9	1135.8	1080.5	1014.9	934.7	823.6	721.1	624.7	524.7
-12.5°	1380.8	1280.9	1196.9	1132.2	1075.3	1007.6	923.8	815.3	714.1	618.9	518.9
-15°	1361.4	1266.5	1187.5	1127.1	1067.8	998.1	911.0	806.6	707.7	611.5	512.1
-17.5°	1339.6	1248.9	1175.7	1120.4	1058.0	986.3	896.6	796.1	699.3	602.7	504.7
-20°	1318.7	1232.2	1162.6	1112.2	1045.8	972.3	880.7	784.0	689.0	592.3	496.3

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

Scaled Data Report



REPORT NUMBER: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1295.0	1216.4	1152.6	1098.3	1030.3	955.9	863.5	770.3	676.7	580.3	486.6
-25°	1268.1	1198.3	1139.3	1080.6	1010.8	934.0	845.4	755.2	662.6	566.8	475.4
-27.5°	1243.9	1178.7	1122.3	1062.0	991.7	911.1	826.3	737.8	646.1	551.8	462.9
-30°	1219.6	1157.6	1100.9	1041.7	971.4	888.5	805.9	718.1	627.5	535.8	448.9
-32.5°	1189.2	1132.2	1078.5	1017.9	945.9	863.4	782.6	696.2	607.2	518.6	434.2
-35°	1155.9	1104.9	1055.3	993.3	916.1	834.6	754.9	672.1	585.4	499.8	418.5
-37.5°	1121.1	1075.6	1027.5	963.2	883.3	802.6	724.1	644.4	562.0	479.3	401.9
-40°	1086.8	1043.0	995.6	924.8	845.8	767.4	691.5	615.6	537.3	457.4	384.2
-42.5°	1050.1	1008.7	953.8	883.4	804.0	730.0	657.6	585.9	510.8	435.3	365.6
-45°	1014.0	969.7	908.7	835.9	759.3	691.1	623.9	555.3	483.3	412.9	346.0
-47.5°	975.2	923.0	859.8	787.3	715.9	651.6	589.5	524.0	455.0	389.5	325.6
-50°	927.7	872.7	807.2	740.3	673.3	613.5	554.4	491.8	427.4	365.2	304.3
-52.5°	872.8	816.6	755.0	692.6	631.5	575.0	518.7	459.0	398.4	339.7	282.2
-55°	813.8	760.1	702.4	643.6	587.7	535.7	482.3	424.8	368.0	313.0	259.7
-57.5°	749.8	701.6	646.1	591.9	542.2	494.8	443.5	389.1	336.4	285.3	238.8
-60°	681.1	635.1	586.0	539.8	495.5	450.2	402.1	352.1	303.5	257.3	217.1
-62.5°	608.8	567.3	527.8	487.1	444.6	401.7	359.3	313.8	269.6	231.8	194.7
-65°	535.7	501.2	468.3	428.7	389.8	352.4	315.0	274.4	239.2	205.7	172.7
-67.5°	460.8	433.3	401.6	367.3	336.6	304.5	269.9	239.2	209.4	179.2	152.3
-70°	392.6	365.7	338.8	313.1	285.8	257.3	231.8	205.7	179.2	155.5	131.6
-72.5°	327.6	305.8	283.2	260.2	238.9	217.1	194.7	172.7	152.3	131.6	110.5
-75°	265.2	248.3	231.1	213.4	195.1	176.6	159.8	142.6	125.1	107.3	91.5
-77.5°	209.0	195.2	180.9	167.7	154.3	140.7	126.6	112.3	98.7	86.0	73.0
-80°	153.8	144.3	135.2	126.1	115.4	104.5	94.9	85.1	75.0	64.8	54.4
-82.5°	99.3	95.7	91.9	87.2	80.3	73.3	66.1	58.7	51.2	43.5	37.8
-85°	61.3	58.5	55.1	51.2	46.6	42.0	38.7	35.5	32.1	28.7	25.2
-87.5°	28.4	27.0	25.6	24.1	22.6	21.0	19.4	17.7	16.1	14.4	12.6
-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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Scaled Data Report



REPORT NUMBER: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-NR-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°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
85°	21.7	18.2	14.6	11.0	7.3	3.2	0.0
82.5°	32.5	27.2	21.8	16.4	10.9	4.8	0.0
80°	43.9	36.2	29.0	21.8	14.5	6.4	0.0
77.5°	59.8	46.4	36.2	27.2	18.1	7.9	0.0
75°	75.5	59.1	43.7	32.5	21.5	9.5	0.0
72.5°	90.9	71.5	53.3	37.8	24.9	11.0	0.0
70°	106.4	83.6	62.7	43.3	28.3	12.5	0.0
67.5°	124.0	95.5	71.9	49.9	31.5	13.9	0.0
65°	141.2	108.5	80.8	56.4	34.6	15.3	0.0
62.5°	158.1	122.6	89.5	62.7	37.7	16.7	0.0
60°	174.6	136.3	97.9	68.9	40.6	18.0	0.0
57.5°	192.7	149.7	108.5	74.8	44.3	19.3	0.0
55°	210.6	162.7	118.9	80.5	48.1	20.5	0.0
52.5°	227.9	175.6	129.0	86.0	51.7	21.7	0.0
50°	244.7	189.6	138.7	91.3	55.2	22.8	0.0
47.5°	261.1	203.0	148.1	96.8	58.6	23.9	0.0
45°	278.6	215.9	157.1	103.5	61.9	24.9	0.0
42.5°	295.4	228.2	165.6	109.9	65.1	25.8	0.0
40°	311.3	239.9	174.4	116.2	68.1	26.7	0.0
37.5°	326.4	251.0	183.2	122.2	71.1	27.5	0.0
35°	340.6	262.4	191.6	128.0	73.9	28.3	0.0
32.5°	353.9	273.5	199.4	133.3	76.5	28.9	0.0
30°	366.4	283.8	206.7	138.3	79.0	29.6	0.0
27.5°	377.8	293.3	213.7	143.0	81.3	30.1	0.0
25°	388.3	302.0	220.2	147.2	83.5	30.6	0.0
22.5°	397.8	309.8	226.2	151.1	85.5	31.0	0.0
20°	406.3	316.6	231.5	154.6	87.3	31.3	0.0
17.5°	413.4	322.4	236.3	157.7	88.9	31.5	0.0
15°	419.1	327.2	240.4	160.4	90.4	31.7	0.0
12.5°	423.7	331.0	244.0	162.7	91.6	31.9	0.0
10°	427.3	333.8	246.8	164.6	92.6	31.9	0.0
7.5°	429.7	335.7	249.1	166.1	93.4	31.9	0.0
5°	431.1	336.7	250.7	167.2	94.0	31.8	0.0
2.5°	431.4	336.8	251.7	167.8	94.4	31.7	0.0
0°	430.5	336.0	252.0	168.0	94.5	31.5	0.0
-2.5°	431.4	336.8	251.7	167.8	94.4	31.7	0.0
-5°	431.1	336.7	250.7	167.2	94.0	31.8	0.0
-7.5°	429.7	335.7	249.1	166.1	93.4	31.9	0.0
-10°	427.3	333.8	246.8	164.6	92.6	31.9	0.0
-12.5°	423.7	331.0	244.0	162.7	91.6	31.9	0.0
-15°	419.1	327.2	240.4	160.4	90.4	31.7	0.0
-17.5°	413.4	322.4	236.3	157.7	88.9	31.5	0.0
-20°	406.3	316.6	231.5	154.6	87.3	31.3	0.0

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REPORT NUMBER: P627999 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	397.8	309.8	226.2	151.1	85.5	31.0	0.0
-25°	388.3	302.0	220.2	147.2	83.5	30.6	0.0
-27.5°	377.8	293.3	213.7	143.0	81.3	30.1	0.0
-30°	366.4	283.8	206.7	138.3	79.0	29.6	0.0
-32.5°	353.9	273.5	199.4	133.3	76.5	28.9	0.0
-35°	340.6	262.4	191.6	128.0	73.9	28.3	0.0
-37.5°	326.4	251.0	183.2	122.2	71.1	27.5	0.0
-40°	311.3	239.9	174.4	116.2	68.1	26.7	0.0
-42.5°	295.4	228.2	165.6	109.9	65.1	25.8	0.0
-45°	278.6	215.9	157.1	103.5	61.9	24.9	0.0
-47.5°	261.1	203.0	148.1	96.8	58.6	23.9	0.0
-50°	244.7	189.6	138.7	91.3	55.2	22.8	0.0
-52.5°	227.9	175.6	129.0	86.0	51.7	21.7	0.0
-55°	210.6	162.7	118.9	80.5	48.1	20.5	0.0
-57.5°	192.7	149.7	108.5	74.8	44.3	19.3	0.0
-60°	174.6	136.3	97.9	68.9	40.6	18.0	0.0
-62.5°	158.1	122.6	89.5	62.7	37.7	16.7	0.0
-65°	141.2	108.5	80.8	56.4	34.6	15.3	0.0
-67.5°	124.0	95.5	71.9	49.9	31.5	13.9	0.0
-70°	106.4	83.6	62.7	43.3	28.3	12.5	0.0
-72.5°	90.9	71.5	53.3	37.8	24.9	11.0	0.0
-75°	75.5	59.1	43.7	32.5	21.5	9.5	0.0
-77.5°	59.8	46.4	36.2	27.2	18.1	7.9	0.0
-80°	43.9	36.2	29.0	21.8	14.5	6.4	0.0
-82.5°	32.5	27.2	21.8	16.4	10.9	4.8	0.0
-85°	21.7	18.2	14.6	11.0	7.3	3.2	0.0
-87.5°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)