

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: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-740-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N125
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

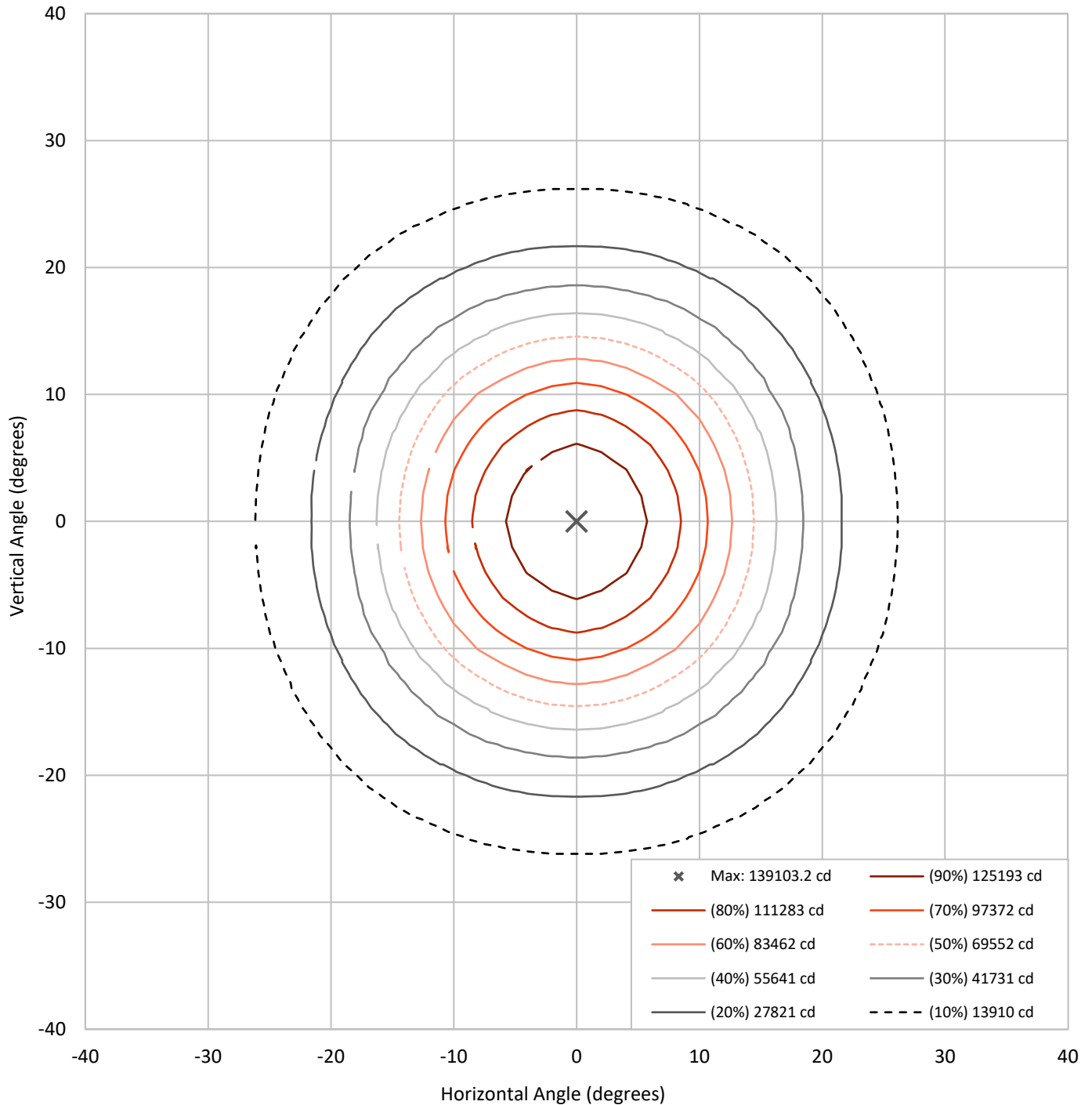
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	43460.6 lumens	Max Intensity:	139103.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	21130 lumens	Field Lumens:	35658.8 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	313.7		
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		



REPORT NUMBER: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





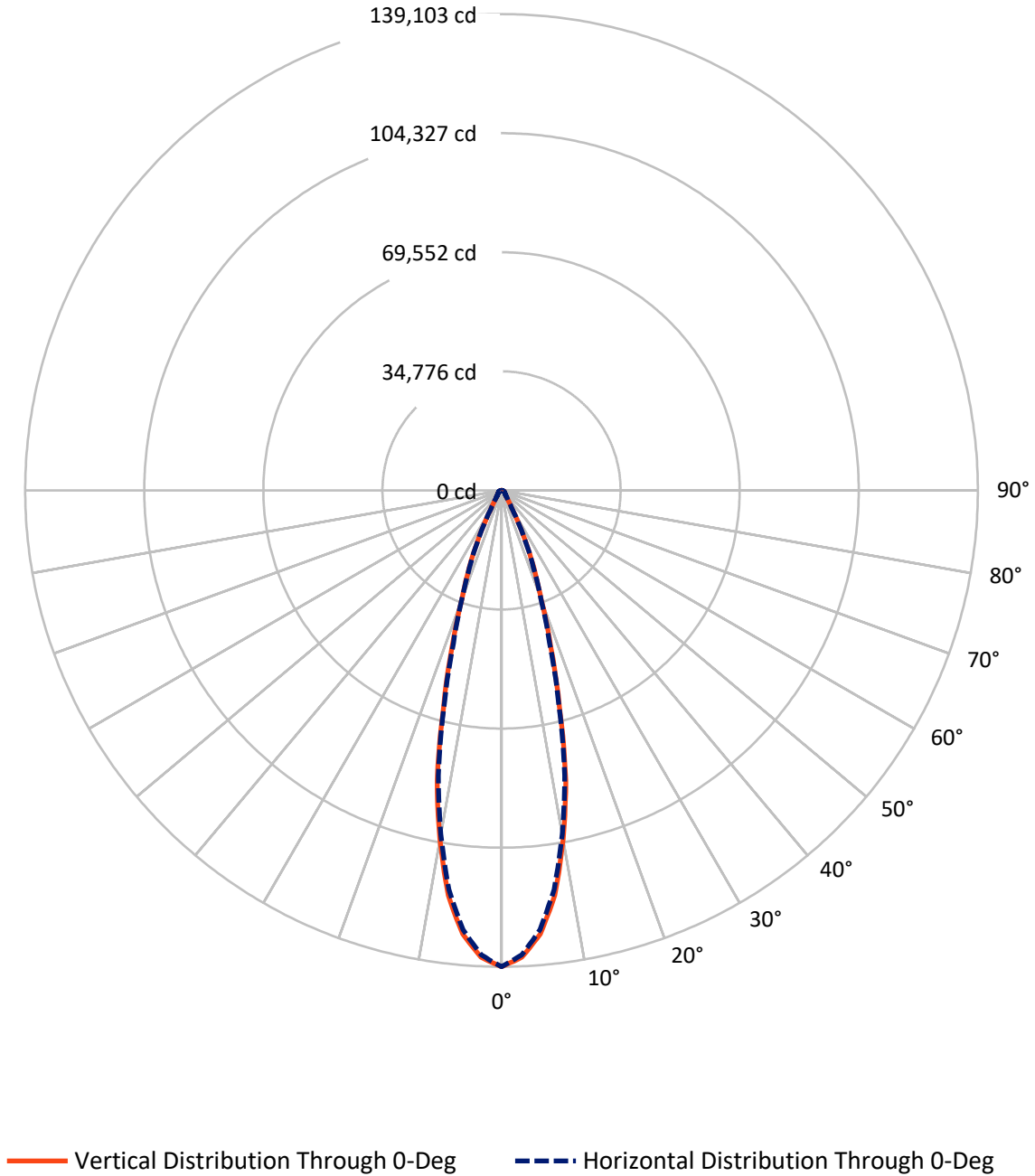
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Lumen Table

90																			
80	0.8	7.2		18.9		29.8		33.1		29.8		18.9		7.2		0.8			
70																			
60	3.3	3.7	7.5	12.3	17.2	21.0	23.5	24.7	24.7	23.5	21.0	17.2	12.3	7.5	3.7	3.3			
50		5.6	11.2	18.1	24.3	29.9	33.5	34.8	34.8	33.5	29.9	24.3	18.1	11.2	5.6				
40	5.7	7.1	14.4	22.4	29.8	37.7	44.2	47.5	47.5	44.2	37.7	29.8	22.4	14.4	7.1	5.7			
30		8.4	16.9	25.9	36.5	52.0	75.3	97.9	97.9	75.3	52.0	36.5	25.9	16.9	8.4				
20	7.3	9.4	18.5	29.1	46.7	101.6	286.1	507.3	507.3	286.1	101.6	46.7	29.1	18.5	9.4	7.3			
10		10.1	19.4	31.6	63.7	266.7	950.7	1821.7	1821.7	950.7	266.7	63.7	31.6	19.4	10.1				
0	7.9	10.5	19.7	33.3	80.9	460.4	1759.7	3461.2	3461.2	1759.7	460.4	80.9	33.3	19.7	10.5	7.9			
-10		10.5	19.7	33.3	80.9	460.4	1759.7	3461.2	3461.2	1759.7	460.4	80.9	33.3	19.7	10.5				
-20	7.3	10.1	19.4	31.6	63.7	266.7	950.7	1821.7	1821.7	950.7	266.7	63.7	31.6	19.4	10.1	7.3			
-30		9.4	18.5	29.1	46.7	101.6	286.1	507.3	507.3	286.1	101.6	46.7	29.1	18.5	9.4				
-40	5.7	8.4	16.9	25.9	36.5	52.0	75.3	97.9	97.9	75.3	52.0	36.5	25.9	16.9	8.4	5.7			
-50		7.1	14.4	22.4	29.8	37.7	44.2	47.5	47.5	44.2	37.7	29.8	22.4	14.4	7.1				
-60	3.3	5.6	11.2	18.1	24.3	29.9	33.5	34.8	34.8	33.5	29.9	24.3	18.1	11.2	5.6	3.3			
-70		3.7	7.5	12.3	17.2	21.0	23.5	24.7	24.7	23.5	21.0	17.2	12.3	7.5	3.7				
-80																			
-90	0.8	7.2		18.9		29.8		33.1		29.8		18.9		7.2		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

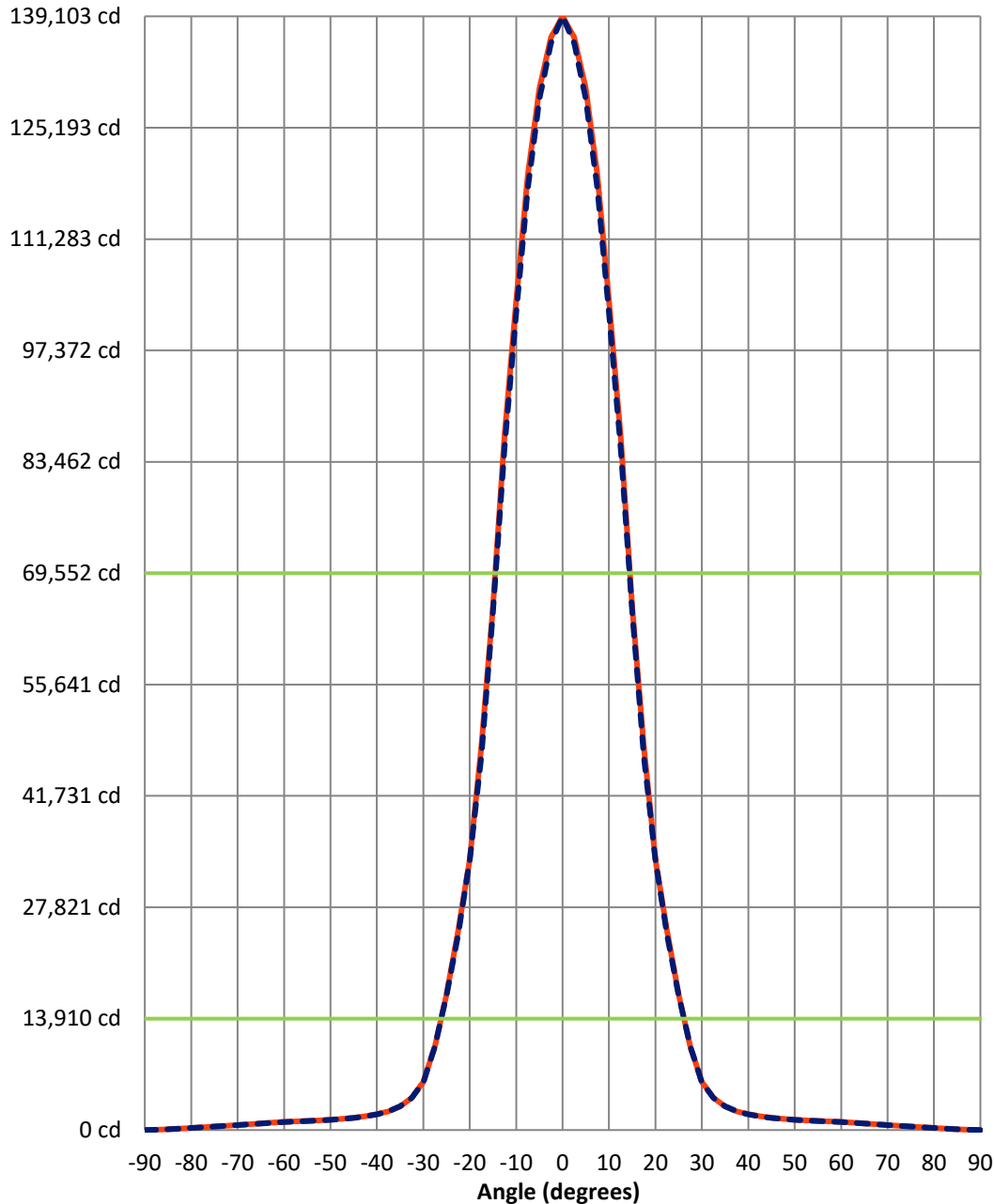
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 21130
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 35658.8
 Efficiency: 82.0%

Spill:
 Lumens: 7801.9
 Efficiency: 18.0%

— 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	3.1	4.7	6.2	7.7	9.2	10.7	12.2	13.7	15.1
85°	0.0	3.1	6.2	9.3	12.4	15.4	18.5	21.4	24.4	27.3	30.1
82.5°	0.0	4.7	9.3	13.9	18.5	23.1	27.6	32.1	37.3	45.7	54.6
80°	0.0	6.2	12.4	18.5	24.7	30.8	37.6	48.4	59.8	71.8	84.3
77.5°	0.0	7.7	15.4	23.1	30.8	40.3	53.5	67.4	82.2	97.6	114.6
75°	0.0	9.2	18.5	27.6	37.6	53.5	69.2	86.1	104.6	126.3	147.6
72.5°	0.0	10.7	21.4	32.1	48.0	66.5	84.8	105.8	130.9	155.7	180.2
70°	0.0	12.2	24.4	37.2	58.3	79.3	100.7	128.6	156.9	184.9	215.3
67.5°	0.0	13.7	27.3	44.8	68.5	92.0	120.2	151.0	182.5	216.8	250.5
65°	0.0	15.1	30.1	52.3	78.4	106.2	139.4	173.0	210.5	248.1	286.1
62.5°	0.0	16.5	32.9	59.6	88.2	121.9	158.1	196.3	237.8	279.2	322.6
60°	0.0	17.8	35.7	66.7	97.7	137.2	176.5	219.8	264.6	310.7	358.1
57.5°	0.0	19.2	40.3	73.7	109.6	152.2	195.8	242.8	291.2	341.2	393.3
55°	0.0	20.5	44.8	80.5	121.2	166.7	214.7	265.0	317.0	370.9	427.8
52.5°	0.0	21.7	49.2	87.1	132.5	181.0	232.8	286.6	341.7	401.0	461.2
50°	0.0	22.9	53.5	93.5	143.5	195.4	250.2	307.5	366.1	430.2	492.2
47.5°	0.0	24.1	57.6	100.1	154.1	209.2	267.0	327.7	391.0	458.3	521.5
45°	0.0	25.2	61.5	107.7	164.2	222.3	283.5	347.0	415.1	483.1	549.2
42.5°	0.0	26.3	65.3	115.0	174.0	234.8	299.4	366.3	438.0	506.4	574.7
40°	0.0	27.3	68.9	121.9	183.3	246.5	314.5	385.1	458.9	528.3	598.8
37.5°	0.0	28.3	72.3	128.3	192.2	257.6	328.8	402.7	477.5	549.4	621.6
35°	0.0	29.2	75.6	134.2	200.6	268.5	342.3	419.1	495.0	569.2	643.0
32.5°	0.0	30.1	78.6	139.8	208.3	279.0	355.1	434.2	511.4	587.8	663.8
30°	0.0	30.9	81.4	144.8	215.5	288.8	367.2	448.0	526.6	605.0	683.1
27.5°	0.0	31.7	84.0	149.4	222.0	297.8	378.2	460.2	540.7	620.9	700.9
25°	0.0	32.4	86.5	153.5	228.0	306.1	388.2	471.2	553.4	635.4	717.2
22.5°	0.0	33.0	88.7	157.2	233.6	313.6	397.0	481.2	564.9	648.4	733.5
20°	0.0	33.5	90.6	160.4	238.7	320.1	404.8	490.1	575.1	660.0	748.0
17.5°	0.0	34.0	92.4	163.1	243.2	325.6	412.0	497.7	584.0	670.1	760.6
15°	0.0	34.5	93.9	165.4	247.3	330.2	418.5	504.8	591.5	678.6	771.3
12.5°	0.0	34.9	95.2	167.2	250.7	333.9	424.1	511.5	598.5	685.6	780.2
10°	0.0	35.2	96.3	168.6	253.6	336.7	428.8	517.0	604.8	693.9	788.3
7.5°	0.0	35.4	97.1	169.5	255.9	338.6	432.5	521.3	609.7	701.3	797.3
5°	0.0	35.6	97.7	169.9	257.6	339.7	435.3	524.3	613.3	707.2	804.4
2.5°	0.0	35.7	98.1	170.0	258.6	339.9	436.9	526.2	615.4	711.6	809.4
0°	0.0	35.7	98.2	169.6	258.9	339.3	437.5	526.8	616.1	714.3	812.5
-2.5°	0.0	35.7	98.1	170.0	258.6	339.9	436.9	526.2	615.4	711.6	809.4
-5°	0.0	35.6	97.7	169.9	257.6	339.7	435.3	524.3	613.3	707.2	804.4
-7.5°	0.0	35.4	97.1	169.5	255.9	338.6	432.5	521.3	609.7	701.3	797.3
-10°	0.0	35.2	96.3	168.6	253.6	336.7	428.8	517.0	604.8	693.9	788.3
-12.5°	0.0	34.9	95.2	167.2	250.7	333.9	424.1	511.5	598.5	685.6	780.2
-15°	0.0	34.5	93.9	165.4	247.3	330.2	418.5	504.8	591.5	678.6	771.3
-17.5°	0.0	34.0	92.4	163.1	243.2	325.6	412.0	497.7	584.0	670.1	760.6
-20°	0.0	33.5	90.6	160.4	238.7	320.1	404.8	490.1	575.1	660.0	748.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	33.0	88.7	157.2	233.6	313.6	397.0	481.2	564.9	648.4	733.5
-25°	0.0	32.4	86.5	153.5	228.0	306.1	388.2	471.2	553.4	635.4	717.2
-27.5°	0.0	31.7	84.0	149.4	222.0	297.8	378.2	460.2	540.7	620.9	700.9
-30°	0.0	30.9	81.4	144.8	215.5	288.8	367.2	448.0	526.6	605.0	683.1
-32.5°	0.0	30.1	78.6	139.8	208.3	279.0	355.1	434.2	511.4	587.8	663.8
-35°	0.0	29.2	75.6	134.2	200.6	268.5	342.3	419.1	495.0	569.2	643.0
-37.5°	0.0	28.3	72.3	128.3	192.2	257.6	328.8	402.7	477.5	549.4	621.6
-40°	0.0	27.3	68.9	121.9	183.3	246.5	314.5	385.1	458.9	528.3	598.8
-42.5°	0.0	26.3	65.3	115.0	174.0	234.8	299.4	366.3	438.0	506.4	574.7
-45°	0.0	25.2	61.5	107.7	164.2	222.3	283.5	347.0	415.1	483.1	549.2
-47.5°	0.0	24.1	57.6	100.1	154.1	209.2	267.0	327.7	391.0	458.3	521.5
-50°	0.0	22.9	53.5	93.5	143.5	195.4	250.2	307.5	366.1	430.2	492.2
-52.5°	0.0	21.7	49.2	87.1	132.5	181.0	232.8	286.6	341.7	401.0	461.2
-55°	0.0	20.5	44.8	80.5	121.2	166.7	214.7	265.0	317.0	370.9	427.8
-57.5°	0.0	19.2	40.3	73.7	109.6	152.2	195.8	242.8	291.2	341.2	393.3
-60°	0.0	17.8	35.7	66.7	97.7	137.2	176.5	219.8	264.6	310.7	358.1
-62.5°	0.0	16.5	32.9	59.6	88.2	121.9	158.1	196.3	237.8	279.2	322.6
-65°	0.0	15.1	30.1	52.3	78.4	106.2	139.4	173.0	210.5	248.1	286.1
-67.5°	0.0	13.7	27.3	44.8	68.5	92.0	120.2	151.0	182.5	216.8	250.5
-70°	0.0	12.2	24.4	37.2	58.3	79.3	100.7	128.6	156.9	184.9	215.3
-72.5°	0.0	10.7	21.4	32.1	48.0	66.5	84.8	105.8	130.9	155.7	180.2
-75°	0.0	9.2	18.5	27.6	37.6	53.5	69.2	86.1	104.6	126.3	147.6
-77.5°	0.0	7.7	15.4	23.1	30.8	40.3	53.5	67.4	82.2	97.6	114.6
-80°	0.0	6.2	12.4	18.5	24.7	30.8	37.6	48.4	59.8	71.8	84.3
-82.5°	0.0	4.7	9.3	13.9	18.5	23.1	27.6	32.1	37.3	45.7	54.6
-85°	0.0	3.1	6.2	9.3	12.4	15.4	18.5	21.4	24.4	27.3	30.1
-87.5°	0.0	1.6	3.1	4.7	6.2	7.7	9.2	10.7	12.2	13.7	15.1
-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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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°	16.5	17.8	19.2	20.5	21.7	22.9	24.1	25.2	26.3	27.3	28.3
85°	32.9	35.7	41.0	46.1	51.2	56.0	60.7	65.2	69.5	73.6	77.5
82.5°	63.0	71.2	79.2	86.9	94.5	101.8	108.8	115.6	122.0	128.2	134.1
80°	95.6	106.6	117.6	127.7	137.6	147.4	156.8	165.8	174.5	183.8	193.5
77.5°	130.3	144.2	157.0	168.5	181.1	196.4	211.0	225.2	238.7	251.6	263.9
75°	165.9	181.8	199.3	216.5	234.5	252.8	270.5	287.6	304.2	321.2	338.3
72.5°	203.4	225.1	246.1	266.6	289.2	311.4	331.7	350.3	371.3	394.4	415.6
70°	243.2	268.2	294.7	321.0	346.6	371.3	396.5	421.9	447.5	472.4	496.2
67.5°	283.2	314.6	345.2	375.0	404.1	433.7	463.6	494.3	523.8	552.0	579.5
65°	325.8	360.8	395.1	428.5	460.9	497.0	532.4	566.6	604.0	638.7	668.9
62.5°	367.2	406.4	444.3	482.0	521.4	561.4	602.4	645.5	690.1	722.1	749.8
60°	407.0	451.3	493.5	536.8	580.7	625.8	673.1	718.9	759.6	794.6	823.8
57.5°	445.9	495.5	542.3	589.3	637.3	688.6	740.6	787.4	825.3	859.1	891.0
55°	483.6	538.5	588.3	638.3	692.9	753.0	806.3	848.6	887.4	915.3	945.8
52.5°	519.5	578.2	630.3	686.4	748.8	811.2	864.2	905.2	937.8	966.7	996.5
50°	553.8	612.9	670.7	734.5	800.4	863.0	916.5	954.3	987.0	1017.1	1045.8
47.5°	584.9	646.3	711.6	779.8	848.7	910.5	961.8	1000.3	1034.3	1065.2	1096.8
45°	614.2	680.2	749.6	824.3	894.9	956.1	1002.8	1044.2	1076.8	1111.7	1151.2
42.5°	642.2	712.8	788.2	867.7	939.7	995.8	1041.1	1080.7	1118.4	1160.3	1204.2
40°	669.8	743.3	824.8	908.3	981.7	1030.4	1075.7	1117.7	1161.1	1208.6	1256.6
37.5°	695.4	774.4	859.0	946.2	1012.6	1063.1	1110.0	1156.8	1205.5	1256.6	1316.3
35°	719.0	803.0	891.8	976.0	1039.8	1094.9	1145.1	1195.9	1250.5	1312.9	1378.8
32.5°	742.0	829.1	922.3	1001.3	1064.7	1123.4	1178.9	1236.4	1298.8	1367.5	1442.8
30°	764.6	854.6	948.9	1027.0	1086.8	1146.9	1212.0	1276.0	1345.4	1421.7	1510.1
27.5°	786.5	878.3	971.2	1047.2	1106.2	1167.4	1237.2	1315.0	1390.8	1474.4	1576.9
25°	806.6	902.6	993.2	1063.2	1122.9	1187.0	1259.9	1342.7	1431.9	1531.3	1656.8
22.5°	825.6	924.5	1014.1	1076.8	1136.9	1204.2	1282.6	1370.1	1467.1	1582.3	1735.6
20°	843.4	941.6	1028.0	1089.4	1148.4	1217.9	1302.1	1394.4	1505.0	1644.7	1828.1
17.5°	858.9	956.1	1037.5	1099.6	1160.5	1232.0	1318.8	1414.8	1539.3	1699.8	1916.8
15°	872.1	967.9	1045.9	1107.5	1170.8	1246.5	1335.9	1440.5	1576.8	1753.8	1993.4
12.5°	883.1	977.2	1052.8	1113.2	1178.8	1257.3	1350.5	1465.3	1614.3	1812.6	2096.7
10°	891.6	983.9	1058.3	1116.8	1184.4	1264.4	1362.0	1484.6	1644.6	1861.8	2185.2
7.5°	900.0	989.9	1062.2	1118.2	1187.7	1267.9	1370.0	1498.3	1666.8	1898.7	2255.7
5°	906.0	995.5	1064.4	1121.6	1189.7	1269.5	1375.4	1506.2	1680.7	1923.1	2305.6
2.5°	909.6	998.9	1064.5	1124.1	1189.8	1270.2	1381.8	1510.6	1696.1	1943.6	2334.0
0°	910.7	1000.0	1062.5	1125.0	1187.5	1267.9	1384.0	1509.0	1705.4	1955.4	2339.4
-2.5°	909.6	998.9	1064.5	1124.1	1189.8	1270.2	1381.8	1510.6	1696.1	1943.6	2334.0
-5°	906.0	995.5	1064.4	1121.6	1189.7	1269.5	1375.4	1506.2	1680.7	1923.1	2305.6
-7.5°	900.0	989.9	1062.2	1118.2	1187.7	1267.9	1370.0	1498.3	1666.8	1898.7	2255.7
-10°	891.6	983.9	1058.3	1116.8	1184.4	1264.4	1362.0	1484.6	1644.6	1861.8	2185.2
-12.5°	883.1	977.2	1052.8	1113.2	1178.8	1257.3	1350.5	1465.3	1614.3	1812.6	2096.7
-15°	872.1	967.9	1045.9	1107.5	1170.8	1246.5	1335.9	1440.5	1576.8	1753.8	1993.4
-17.5°	858.9	956.1	1037.5	1099.6	1160.5	1232.0	1318.8	1414.8	1539.3	1699.8	1916.8
-20°	843.4	941.6	1028.0	1089.4	1148.4	1217.9	1302.1	1394.4	1505.0	1644.7	1828.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	825.6	924.5	1014.1	1076.8	1136.9	1204.2	1282.6	1370.1	1467.1	1582.3	1735.6
-25°	806.6	902.6	993.2	1063.2	1122.9	1187.0	1259.9	1342.7	1431.9	1531.3	1656.8
-27.5°	786.5	878.3	971.2	1047.2	1106.2	1167.4	1237.2	1315.0	1390.8	1474.4	1576.9
-30°	764.6	854.6	948.9	1027.0	1086.8	1146.9	1212.0	1276.0	1345.4	1421.7	1510.1
-32.5°	742.0	829.1	922.3	1001.3	1064.7	1123.4	1178.9	1236.4	1298.8	1367.5	1442.8
-35°	719.0	803.0	891.8	976.0	1039.8	1094.9	1145.1	1195.9	1250.5	1312.9	1378.8
-37.5°	695.4	774.4	859.0	946.2	1012.6	1063.1	1110.0	1156.8	1205.5	1256.6	1316.3
-40°	669.8	743.3	824.8	908.3	981.7	1030.4	1075.7	1117.7	1161.1	1208.6	1256.6
-42.5°	642.2	712.8	788.2	867.7	939.7	995.8	1041.1	1080.7	1118.4	1160.3	1204.2
-45°	614.2	680.2	749.6	824.3	894.9	956.1	1002.8	1044.2	1076.8	1111.7	1151.2
-47.5°	584.9	646.3	711.6	779.8	848.7	910.5	961.8	1000.3	1034.3	1065.2	1096.8
-50°	553.8	612.9	670.7	734.5	800.4	863.0	916.5	954.3	987.0	1017.1	1045.8
-52.5°	519.5	578.2	630.3	686.4	748.8	811.2	864.2	905.2	937.8	966.7	996.5
-55°	483.6	538.5	588.3	638.3	692.9	753.0	806.3	848.6	887.4	915.3	945.8
-57.5°	445.9	495.5	542.3	589.3	637.3	688.6	740.6	787.4	825.3	859.1	891.0
-60°	407.0	451.3	493.5	536.8	580.7	625.8	673.1	718.9	759.6	794.6	823.8
-62.5°	367.2	406.4	444.3	482.0	521.4	561.4	602.4	645.5	690.1	722.1	749.8
-65°	325.8	360.8	395.1	428.5	460.9	497.0	532.4	566.6	604.0	638.7	668.9
-67.5°	283.2	314.6	345.2	375.0	404.1	433.7	463.6	494.3	523.8	552.0	579.5
-70°	243.2	268.2	294.7	321.0	346.6	371.3	396.5	421.9	447.5	472.4	496.2
-72.5°	203.4	225.1	246.1	266.6	289.2	311.4	331.7	350.3	371.3	394.4	415.6
-75°	165.9	181.8	199.3	216.5	234.5	252.8	270.5	287.6	304.2	321.2	338.3
-77.5°	130.3	144.2	157.0	168.5	181.1	196.4	211.0	225.2	238.7	251.6	263.9
-80°	95.6	106.6	117.6	127.7	137.6	147.4	156.8	165.8	174.5	183.8	193.5
-82.5°	63.0	71.2	79.2	86.9	94.5	101.8	108.8	115.6	122.0	128.2	134.1
-85°	32.9	35.7	41.0	46.1	51.2	56.0	60.7	65.2	69.5	73.6	77.5
-87.5°	16.5	17.8	19.2	20.5	21.7	22.9	24.1	25.2	26.3	27.3	28.3
-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: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-MR-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°	29.2	30.1	30.9	31.7	32.4	33.0	33.5	34.0	34.5	34.9	35.2
85°	81.2	84.7	87.9	90.9	93.7	94.4	94.6	94.5	94.0	95.2	96.3
82.5°	139.6	145.9	152.3	158.5	164.7	167.0	168.6	169.7	170.4	172.9	174.9
80°	202.8	212.7	221.9	230.1	237.4	242.6	247.3	251.7	255.6	257.5	258.3
77.5°	276.2	288.2	299.5	309.9	319.5	327.1	333.2	338.2	342.0	344.5	346.0
75°	355.2	370.4	383.9	396.4	408.0	416.1	421.7	425.8	428.6	431.6	433.9
72.5°	434.9	452.2	468.2	483.4	496.6	506.0	512.5	517.8	521.8	524.8	526.3
70°	518.7	539.4	557.1	572.2	584.2	593.2	600.2	605.9	610.3	613.3	614.9
67.5°	605.6	627.6	644.3	657.5	668.3	677.8	686.5	692.9	697.2	701.5	706.1
65°	694.1	716.5	733.5	747.5	758.9	771.2	782.4	790.7	796.3	801.4	806.5
62.5°	777.2	802.7	822.4	840.8	859.4	876.9	887.1	895.0	900.6	905.6	911.4
60°	852.9	881.7	905.8	928.0	950.8	973.6	983.0	990.4	997.4	1003.9	1009.8
57.5°	920.0	950.6	979.8	1001.9	1023.7	1045.0	1059.7	1067.9	1073.3	1076.3	1078.8
55°	978.4	1009.0	1038.2	1063.6	1087.2	1109.1	1125.5	1133.4	1139.3	1143.1	1145.3
52.5°	1030.7	1063.5	1094.7	1122.8	1148.3	1172.0	1192.5	1203.4	1212.2	1218.4	1220.4
50°	1082.1	1117.6	1151.3	1181.4	1211.1	1239.4	1265.5	1280.5	1291.1	1297.7	1299.8
47.5°	1135.7	1174.2	1210.8	1245.7	1279.4	1313.0	1343.8	1364.4	1379.7	1390.9	1399.0
45°	1191.6	1233.0	1273.5	1314.7	1353.5	1396.7	1435.8	1465.8	1488.0	1507.2	1522.6
42.5°	1247.8	1294.4	1340.9	1394.0	1446.8	1496.0	1542.6	1582.3	1618.6	1654.1	1681.8
40°	1309.0	1360.0	1423.5	1486.4	1551.6	1608.9	1676.7	1737.5	1793.3	1853.6	1903.4
37.5°	1375.8	1441.2	1516.5	1592.0	1676.8	1759.1	1853.8	1947.2	2028.4	2133.9	2218.6
35°	1448.5	1531.5	1620.4	1721.6	1831.0	1960.1	2092.7	2248.4	2380.5	2548.2	2703.0
32.5°	1529.6	1627.3	1742.5	1881.7	2029.3	2236.5	2430.9	2694.8	2920.3	3211.3	3529.2
30°	1612.1	1738.2	1895.0	2074.8	2324.4	2618.5	2961.4	3407.5	3890.1	4389.3	5061.2
27.5°	1709.8	1873.6	2069.4	2346.9	2720.4	3127.6	3826.2	4580.5	5631.4	6463.3	7945.0
25°	1815.1	2017.8	2307.1	2709.4	3225.4	4049.4	5228.6	6594.1	8696.9	10567.3	12716.8
22.5°	1939.8	2215.1	2598.1	3124.9	4024.5	5442.1	7282.7	10086.8	13204.0	16280.6	19092.6
20°	2071.9	2404.4	2940.0	3798.0	5188.4	7238.1	10522.1	14528.9	18667.2	22883.6	26436.8
17.5°	2226.0	2677.6	3383.1	4522.7	6506.3	10015.7	14402.0	19497.0	24903.5	30283.8	34957.1
15°	2358.6	2916.4	3866.4	5573.3	8531.4	12920.9	18312.0	24746.8	31545.7	38528.0	46095.6
12.5°	2527.6	3204.3	4364.4	6441.9	10328.1	16033.5	22630.0	30100.9	38403.2	47674.1	59471.9
10°	2682.7	3506.2	5019.5	7833.7	12487.9	18941.0	26359.7	34835.8	45604.6	59536.4	73767.4
7.5°	2806.9	3745.6	5527.6	8919.7	14299.2	21424.9	29718.1	39880.5	53315.4	69905.0	86164.7
5°	2893.3	3911.5	5891.1	9740.4	15756.3	23323.2	32101.4	43599.2	59814.7	78392.2	94994.5
2.5°	2947.6	4002.3	6069.0	10227.7	16706.6	24465.5	33588.3	45962.6	63798.2	83794.9	100604.2
0°	2973.3	4018.0	5955.6	10464.7	16839.9	24384.8	33724.4	46751.7	64743.4	85262.0	102003.7
-2.5°	2947.6	4002.3	6069.0	10227.7	16706.6	24465.5	33588.3	45962.6	63798.2	83794.9	100604.2
-5°	2893.3	3911.5	5891.1	9740.4	15756.3	23323.2	32101.4	43599.2	59814.7	78392.2	94994.5
-7.5°	2806.9	3745.6	5527.6	8919.7	14299.2	21424.9	29718.1	39880.5	53315.4	69905.0	86164.7
-10°	2682.7	3506.2	5019.5	7833.7	12487.9	18941.0	26359.7	34835.8	45604.6	59536.4	73767.4
-12.5°	2527.6	3204.3	4364.4	6441.9	10328.1	16033.5	22630.0	30100.9	38403.2	47674.1	59471.9
-15°	2358.6	2916.4	3866.4	5573.3	8531.4	12920.9	18312.0	24746.8	31545.7	38528.0	46095.6
-17.5°	2226.0	2677.6	3383.1	4522.7	6506.3	10015.7	14402.0	19497.0	24903.5	30283.8	34957.1
-20°	2071.9	2404.4	2940.0	3798.0	5188.4	7238.1	10522.1	14528.9	18667.2	22883.6	26436.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1939.8	2215.1	2598.1	3124.9	4024.5	5442.1	7282.7	10086.8	13204.0	16280.6	19092.6
-25°	1815.1	2017.8	2307.1	2709.4	3225.4	4049.4	5228.6	6594.1	8696.9	10567.3	12716.8
-27.5°	1709.8	1873.6	2069.4	2346.9	2720.4	3127.6	3826.2	4580.5	5631.4	6463.3	7945.0
-30°	1612.1	1738.2	1895.0	2074.8	2324.4	2618.5	2961.4	3407.5	3890.1	4389.3	5061.2
-32.5°	1529.6	1627.3	1742.5	1881.7	2029.3	2236.5	2430.9	2694.8	2920.3	3211.3	3529.2
-35°	1448.5	1531.5	1620.4	1721.6	1831.0	1960.1	2092.7	2248.4	2380.5	2548.2	2703.0
-37.5°	1375.8	1441.2	1516.5	1592.0	1676.8	1759.1	1853.8	1947.2	2028.4	2133.9	2218.6
-40°	1309.0	1360.0	1423.5	1486.4	1551.6	1608.9	1676.7	1737.5	1793.3	1853.6	1903.4
-42.5°	1247.8	1294.4	1340.9	1394.0	1446.8	1496.0	1542.6	1582.3	1618.6	1654.1	1681.8
-45°	1191.6	1233.0	1273.5	1314.7	1353.5	1396.7	1435.8	1465.8	1488.0	1507.2	1522.6
-47.5°	1135.7	1174.2	1210.8	1245.7	1279.4	1313.0	1343.8	1364.4	1379.7	1390.9	1399.0
-50°	1082.1	1117.6	1151.3	1181.4	1211.1	1239.4	1265.5	1280.5	1291.1	1297.7	1299.8
-52.5°	1030.7	1063.5	1094.7	1122.8	1148.3	1172.0	1192.5	1203.4	1212.2	1218.4	1220.4
-55°	978.4	1009.0	1038.2	1063.6	1087.2	1109.1	1125.5	1133.4	1139.3	1143.1	1145.3
-57.5°	920.0	950.6	979.8	1001.9	1023.7	1045.0	1059.7	1067.9	1073.3	1076.3	1078.8
-60°	852.9	881.7	905.8	928.0	950.8	973.6	983.0	990.4	997.4	1003.9	1009.8
-62.5°	777.2	802.7	822.4	840.8	859.4	876.9	887.1	895.0	900.6	905.6	911.4
-65°	694.1	716.5	733.5	747.5	758.9	771.2	782.4	790.7	796.3	801.4	806.5
-67.5°	605.6	627.6	644.3	657.5	668.3	677.8	686.5	692.9	697.2	701.5	706.1
-70°	518.7	539.4	557.1	572.2	584.2	593.2	600.2	605.9	610.3	613.3	614.9
-72.5°	434.9	452.2	468.2	483.4	496.6	506.0	512.5	517.8	521.8	524.8	526.3
-75°	355.2	370.4	383.9	396.4	408.0	416.1	421.7	425.8	428.6	431.6	433.9
-77.5°	276.2	288.2	299.5	309.9	319.5	327.1	333.2	338.2	342.0	344.5	346.0
-80°	202.8	212.7	221.9	230.1	237.4	242.6	247.3	251.7	255.6	257.5	258.3
-82.5°	139.6	145.9	152.3	158.5	164.7	167.0	168.6	169.7	170.4	172.9	174.9
-85°	81.2	84.7	87.9	90.9	93.7	94.4	94.6	94.5	94.0	95.2	96.3
-87.5°	29.2	30.1	30.9	31.7	32.4	33.0	33.5	34.0	34.5	34.9	35.2
-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: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-MR-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°	35.4	35.6	35.7	35.7	35.7	35.6	35.4	35.2	34.9	34.5	34.0
85°	97.1	97.7	98.1	98.2	98.1	97.7	97.1	96.3	95.2	94.0	94.5
82.5°	176.5	177.7	178.4	178.6	178.4	177.7	176.5	174.9	172.9	170.4	169.7
80°	258.4	257.7	258.6	258.9	258.6	257.7	258.4	258.3	257.5	255.6	251.7
77.5°	346.7	346.6	347.8	348.2	347.8	346.6	346.7	346.0	344.5	342.0	338.2
75°	435.3	435.6	437.0	437.5	437.0	435.6	435.3	433.9	431.6	428.6	425.8
72.5°	526.2	524.8	526.2	526.8	526.2	524.8	526.2	526.3	524.8	521.8	517.8
70°	615.1	613.8	619.5	625.0	619.5	613.8	615.1	614.9	613.3	610.3	605.9
67.5°	709.3	711.1	717.5	723.2	717.5	711.1	709.3	706.1	701.5	697.2	692.9
65°	809.1	809.4	815.5	821.5	815.5	809.4	809.1	806.5	801.4	796.3	790.7
62.5°	914.9	916.0	922.4	928.6	922.4	916.0	914.9	911.4	905.6	900.6	895.0
60°	1013.3	1014.3	1016.7	1017.9	1016.7	1014.3	1013.3	1009.8	1003.9	997.4	990.4
57.5°	1079.5	1078.6	1079.5	1080.4	1079.5	1078.6	1079.5	1078.8	1076.3	1073.3	1067.9
55°	1144.9	1142.0	1138.5	1134.0	1138.5	1142.0	1144.9	1145.3	1143.1	1139.3	1133.4
52.5°	1218.8	1214.1	1209.8	1205.4	1209.8	1214.1	1218.8	1220.4	1218.4	1212.2	1203.4
50°	1298.5	1294.2	1290.1	1285.8	1290.1	1294.2	1298.5	1299.8	1297.7	1291.1	1280.5
47.5°	1404.6	1406.4	1405.6	1401.8	1405.6	1406.4	1404.6	1399.0	1390.9	1379.7	1364.4
45°	1533.4	1538.5	1539.2	1535.8	1539.2	1538.5	1533.4	1522.6	1507.2	1488.0	1465.8
42.5°	1701.4	1712.7	1719.0	1723.3	1719.0	1712.7	1701.4	1681.8	1654.1	1618.6	1582.3
40°	1939.7	1962.7	1977.4	1991.1	1977.4	1962.7	1939.7	1903.4	1853.6	1793.3	1737.5
37.5°	2281.4	2323.2	2341.9	2330.4	2341.9	2323.2	2281.4	2218.6	2133.9	2028.4	1947.2
35°	2822.2	2901.8	2943.2	2946.5	2943.2	2901.8	2822.2	2703.0	2548.2	2380.5	2248.4
32.5°	3764.1	3927.0	4014.6	4026.9	4014.6	3927.0	3764.1	3529.2	3211.3	2920.3	2694.8
30°	5575.7	5908.0	6064.1	6027.0	6064.1	5908.0	5575.7	5061.2	4389.3	3890.1	3407.5
27.5°	9096.8	9925.5	10416.7	10455.7	10416.7	9925.5	9096.8	7945.0	6463.3	5631.4	4580.5
25°	14620.5	16035.3	16941.3	16956.0	16941.3	16035.3	14620.5	12716.8	10567.3	8696.9	6594.1
22.5°	21692.8	23624.1	24682.2	24867.0	24682.2	23624.1	21692.8	19092.6	16280.6	13204.0	10086.8
20°	29886.3	32455.4	33830.0	33831.6	33830.0	32455.4	29886.3	26436.8	22883.6	18667.2	14528.9
17.5°	39977.0	44148.6	46767.3	47894.6	46767.3	44148.6	39977.0	34957.1	30283.8	24903.5	19497.0
15°	53382.6	60392.8	64593.5	65350.6	64593.5	60392.8	53382.6	46095.6	38528.0	31545.7	24746.8
12.5°	69705.4	78577.0	84540.6	86726.3	84540.6	78577.0	69705.4	59471.9	47674.1	38403.2	30100.9
10°	86747.9	94967.9	101356.8	103503.7	101356.8	94967.9	86747.9	73767.4	59536.4	45604.6	34835.8
7.5°	99059.7	108861.8	116058.3	119218.6	116058.3	108861.8	99059.7	86164.7	69905.0	53315.4	39880.5
5°	108778.7	120376.9	127076.1	130049.3	127076.1	120376.9	108778.7	94994.5	78392.2	59814.7	43599.2
2.5°	115155.5	126615.7	133709.7	136451.3	133709.7	126615.7	115155.5	100604.2	83794.9	63798.2	45962.6
0°	117539.9	128745.7	135754.9	139103.2	135754.9	128745.7	117539.9	102003.7	85262.0	64743.4	46751.7
-2.5°	115155.5	126615.7	133709.7	136451.3	133709.7	126615.7	115155.5	100604.2	83794.9	63798.2	45962.6
-5°	108778.7	120376.9	127076.1	130049.3	127076.1	120376.9	108778.7	94994.5	78392.2	59814.7	43599.2
-7.5°	99059.7	108861.8	116058.3	119218.6	116058.3	108861.8	99059.7	86164.7	69905.0	53315.4	39880.5
-10°	86747.9	94967.9	101356.8	103503.7	101356.8	94967.9	86747.9	73767.4	59536.4	45604.6	34835.8
-12.5°	69705.4	78577.0	84540.6	86726.3	84540.6	78577.0	69705.4	59471.9	47674.1	38403.2	30100.9
-15°	53382.6	60392.8	64593.5	65350.6	64593.5	60392.8	53382.6	46095.6	38528.0	31545.7	24746.8
-17.5°	39977.0	44148.6	46767.3	47894.6	46767.3	44148.6	39977.0	34957.1	30283.8	24903.5	19497.0
-20°	29886.3	32455.4	33830.0	33831.6	33830.0	32455.4	29886.3	26436.8	22883.6	18667.2	14528.9



REPORT NUMBER: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21692.8	23624.1	24682.2	24867.0	24682.2	23624.1	21692.8	19092.6	16280.6	13204.0	10086.8
-25°	14620.5	16035.3	16941.3	16956.0	16941.3	16035.3	14620.5	12716.8	10567.3	8696.9	6594.1
-27.5°	9096.8	9925.5	10416.7	10455.7	10416.7	9925.5	9096.8	7945.0	6463.3	5631.4	4580.5
-30°	5575.7	5908.0	6064.1	6027.0	6064.1	5908.0	5575.7	5061.2	4389.3	3890.1	3407.5
-32.5°	3764.1	3927.0	4014.6	4026.9	4014.6	3927.0	3764.1	3529.2	3211.3	2920.3	2694.8
-35°	2822.2	2901.8	2943.2	2946.5	2943.2	2901.8	2822.2	2703.0	2548.2	2380.5	2248.4
-37.5°	2281.4	2323.2	2341.9	2330.4	2341.9	2323.2	2281.4	2218.6	2133.9	2028.4	1947.2
-40°	1939.7	1962.7	1977.4	1991.1	1977.4	1962.7	1939.7	1903.4	1853.6	1793.3	1737.5
-42.5°	1701.4	1712.7	1719.0	1723.3	1719.0	1712.7	1701.4	1681.8	1654.1	1618.6	1582.3
-45°	1533.4	1538.5	1539.2	1535.8	1539.2	1538.5	1533.4	1522.6	1507.2	1488.0	1465.8
-47.5°	1404.6	1406.4	1405.6	1401.8	1405.6	1406.4	1404.6	1399.0	1390.9	1379.7	1364.4
-50°	1298.5	1294.2	1290.1	1285.8	1290.1	1294.2	1298.5	1299.8	1297.7	1291.1	1280.5
-52.5°	1218.8	1214.1	1209.8	1205.4	1209.8	1214.1	1218.8	1220.4	1218.4	1212.2	1203.4
-55°	1144.9	1142.0	1138.5	1134.0	1138.5	1142.0	1144.9	1145.3	1143.1	1139.3	1133.4
-57.5°	1079.5	1078.6	1079.5	1080.4	1079.5	1078.6	1079.5	1078.8	1076.3	1073.3	1067.9
-60°	1013.3	1014.3	1016.7	1017.9	1016.7	1014.3	1013.3	1009.8	1003.9	997.4	990.4
-62.5°	914.9	916.0	922.4	928.6	922.4	916.0	914.9	911.4	905.6	900.6	895.0
-65°	809.1	809.4	815.5	821.5	815.5	809.4	809.1	806.5	801.4	796.3	790.7
-67.5°	709.3	711.1	717.5	723.2	717.5	711.1	709.3	706.1	701.5	697.2	692.9
-70°	615.1	613.8	619.5	625.0	619.5	613.8	615.1	614.9	613.3	610.3	605.9
-72.5°	526.2	524.8	526.2	526.8	526.2	524.8	526.2	526.3	524.8	521.8	517.8
-75°	435.3	435.6	437.0	437.5	437.0	435.6	435.3	433.9	431.6	428.6	425.8
-77.5°	346.7	346.6	347.8	348.2	347.8	346.6	346.7	346.0	344.5	342.0	338.2
-80°	258.4	257.7	258.6	258.9	258.6	257.7	258.4	258.3	257.5	255.6	251.7
-82.5°	176.5	177.7	178.4	178.6	178.4	177.7	176.5	174.9	172.9	170.4	169.7
-85°	97.1	97.7	98.1	98.2	98.1	97.7	97.1	96.3	95.2	94.0	94.5
-87.5°	35.4	35.6	35.7	35.7	35.7	35.6	35.4	35.2	34.9	34.5	34.0
-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):

	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°	33.5	33.0	32.4	31.7	30.9	30.1	29.2	28.3	27.3	26.3	25.2
85°	94.6	94.4	93.7	90.9	87.9	84.7	81.2	77.5	73.6	69.5	65.2
82.5°	168.6	167.0	164.7	158.5	152.3	145.9	139.6	134.1	128.2	122.0	115.6
80°	247.3	242.6	237.4	230.1	221.9	212.7	202.8	193.5	183.8	174.5	165.8
77.5°	333.2	327.1	319.5	309.9	299.5	288.2	276.2	263.9	251.6	238.7	225.2
75°	421.7	416.1	408.0	396.4	383.9	370.4	355.2	338.3	321.2	304.2	287.6
72.5°	512.5	506.0	496.6	483.4	468.2	452.2	434.9	415.6	394.4	371.3	350.3
70°	600.2	593.2	584.2	572.2	557.1	539.4	518.7	496.2	472.4	447.5	421.9
67.5°	686.5	677.8	668.3	657.5	644.3	627.6	605.6	579.5	552.0	523.8	494.3
65°	782.4	771.2	758.9	747.5	733.5	716.5	694.1	668.9	638.7	604.0	566.6
62.5°	887.1	876.9	859.4	840.8	822.4	802.7	777.2	749.8	722.1	690.1	645.5
60°	983.0	973.6	950.8	928.0	905.8	881.7	852.9	823.8	794.6	759.6	718.9
57.5°	1059.7	1045.0	1023.7	1001.9	979.8	950.6	920.0	891.0	859.1	825.3	787.4
55°	1125.5	1109.1	1087.2	1063.6	1038.2	1009.0	978.4	945.8	915.3	887.4	848.6
52.5°	1192.5	1172.0	1148.3	1122.8	1094.7	1063.5	1030.7	996.5	966.7	937.8	905.2
50°	1265.5	1239.4	1211.1	1181.4	1151.3	1117.6	1082.1	1045.8	1017.1	987.0	954.3
47.5°	1343.8	1313.0	1279.4	1245.7	1210.8	1174.2	1135.7	1096.8	1065.2	1034.3	1000.3
45°	1435.8	1396.7	1353.5	1314.7	1273.5	1233.0	1191.6	1151.2	1111.7	1076.8	1044.2
42.5°	1542.6	1496.0	1446.8	1394.0	1340.9	1294.4	1247.8	1204.2	1160.3	1118.4	1080.7
40°	1676.7	1608.9	1551.6	1486.4	1423.5	1360.0	1309.0	1256.6	1208.6	1161.1	1117.7
37.5°	1853.8	1759.1	1676.8	1592.0	1516.5	1441.2	1375.8	1316.3	1256.6	1205.5	1156.8
35°	2092.7	1960.1	1831.0	1721.6	1620.4	1531.5	1448.5	1378.8	1312.9	1250.5	1195.9
32.5°	2430.9	2236.5	2029.3	1881.7	1742.5	1627.3	1529.6	1442.8	1367.5	1298.8	1236.4
30°	2961.4	2618.5	2324.4	2074.8	1895.0	1738.2	1612.1	1510.1	1421.7	1345.4	1276.0
27.5°	3826.2	3127.6	2720.4	2346.9	2069.4	1873.6	1709.8	1576.9	1474.4	1390.8	1315.0
25°	5228.6	4049.4	3225.4	2709.4	2307.1	2017.8	1815.1	1656.8	1531.3	1431.9	1342.7
22.5°	7282.7	5442.1	4024.5	3124.9	2598.1	2215.1	1939.8	1735.6	1582.3	1467.1	1370.1
20°	10522.1	7238.1	5188.4	3798.0	2940.0	2404.4	2071.9	1828.1	1644.7	1505.0	1394.4
17.5°	14402.0	10015.7	6506.3	4522.7	3383.1	2677.6	2226.0	1916.8	1699.8	1539.3	1414.8
15°	18312.0	12920.9	8531.4	5573.3	3866.4	2916.4	2358.6	1993.4	1753.8	1576.8	1440.5
12.5°	22630.0	16033.5	10328.1	6441.9	4364.4	3204.3	2527.6	2096.7	1812.6	1614.3	1465.3
10°	26359.7	18941.0	12487.9	7833.7	5019.5	3506.2	2682.7	2185.2	1861.8	1644.6	1484.6
7.5°	29718.1	21424.9	14299.2	8919.7	5527.6	3745.6	2806.9	2255.7	1898.7	1666.8	1498.3
5°	32101.4	23323.2	15756.3	9740.4	5891.1	3911.5	2893.3	2305.6	1923.1	1680.7	1506.2
2.5°	33588.3	24465.5	16706.6	10227.7	6069.0	4002.3	2947.6	2334.0	1943.6	1696.1	1510.6
0°	33724.4	24384.8	16839.9	10464.7	5955.6	4018.0	2973.3	2339.4	1955.4	1705.4	1509.0
-2.5°	33588.3	24465.5	16706.6	10227.7	6069.0	4002.3	2947.6	2334.0	1943.6	1696.1	1510.6
-5°	32101.4	23323.2	15756.3	9740.4	5891.1	3911.5	2893.3	2305.6	1923.1	1680.7	1506.2
-7.5°	29718.1	21424.9	14299.2	8919.7	5527.6	3745.6	2806.9	2255.7	1898.7	1666.8	1498.3
-10°	26359.7	18941.0	12487.9	7833.7	5019.5	3506.2	2682.7	2185.2	1861.8	1644.6	1484.6
-12.5°	22630.0	16033.5	10328.1	6441.9	4364.4	3204.3	2527.6	2096.7	1812.6	1614.3	1465.3
-15°	18312.0	12920.9	8531.4	5573.3	3866.4	2916.4	2358.6	1993.4	1753.8	1576.8	1440.5
-17.5°	14402.0	10015.7	6506.3	4522.7	3383.1	2677.6	2226.0	1916.8	1699.8	1539.3	1414.8
-20°	10522.1	7238.1	5188.4	3798.0	2940.0	2404.4	2071.9	1828.1	1644.7	1505.0	1394.4



REPORT NUMBER: P627765 (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°	7282.7	5442.1	4024.5	3124.9	2598.1	2215.1	1939.8	1735.6	1582.3	1467.1	1370.1
-25°	5228.6	4049.4	3225.4	2709.4	2307.1	2017.8	1815.1	1656.8	1531.3	1431.9	1342.7
-27.5°	3826.2	3127.6	2720.4	2346.9	2069.4	1873.6	1709.8	1576.9	1474.4	1390.8	1315.0
-30°	2961.4	2618.5	2324.4	2074.8	1895.0	1738.2	1612.1	1510.1	1421.7	1345.4	1276.0
-32.5°	2430.9	2236.5	2029.3	1881.7	1742.5	1627.3	1529.6	1442.8	1367.5	1298.8	1236.4
-35°	2092.7	1960.1	1831.0	1721.6	1620.4	1531.5	1448.5	1378.8	1312.9	1250.5	1195.9
-37.5°	1853.8	1759.1	1676.8	1592.0	1516.5	1441.2	1375.8	1316.3	1256.6	1205.5	1156.8
-40°	1676.7	1608.9	1551.6	1486.4	1423.5	1360.0	1309.0	1256.6	1208.6	1161.1	1117.7
-42.5°	1542.6	1496.0	1446.8	1394.0	1340.9	1294.4	1247.8	1204.2	1160.3	1118.4	1080.7
-45°	1435.8	1396.7	1353.5	1314.7	1273.5	1233.0	1191.6	1151.2	1111.7	1076.8	1044.2
-47.5°	1343.8	1313.0	1279.4	1245.7	1210.8	1174.2	1135.7	1096.8	1065.2	1034.3	1000.3
-50°	1265.5	1239.4	1211.1	1181.4	1151.3	1117.6	1082.1	1045.8	1017.1	987.0	954.3
-52.5°	1192.5	1172.0	1148.3	1122.8	1094.7	1063.5	1030.7	996.5	966.7	937.8	905.2
-55°	1125.5	1109.1	1087.2	1063.6	1038.2	1009.0	978.4	945.8	915.3	887.4	848.6
-57.5°	1059.7	1045.0	1023.7	1001.9	979.8	950.6	920.0	891.0	859.1	825.3	787.4
-60°	983.0	973.6	950.8	928.0	905.8	881.7	852.9	823.8	794.6	759.6	718.9
-62.5°	887.1	876.9	859.4	840.8	822.4	802.7	777.2	749.8	722.1	690.1	645.5
-65°	782.4	771.2	758.9	747.5	733.5	716.5	694.1	668.9	638.7	604.0	566.6
-67.5°	686.5	677.8	668.3	657.5	644.3	627.6	605.6	579.5	552.0	523.8	494.3
-70°	600.2	593.2	584.2	572.2	557.1	539.4	518.7	496.2	472.4	447.5	421.9
-72.5°	512.5	506.0	496.6	483.4	468.2	452.2	434.9	415.6	394.4	371.3	350.3
-75°	421.7	416.1	408.0	396.4	383.9	370.4	355.2	338.3	321.2	304.2	287.6
-77.5°	333.2	327.1	319.5	309.9	299.5	288.2	276.2	263.9	251.6	238.7	225.2
-80°	247.3	242.6	237.4	230.1	221.9	212.7	202.8	193.5	183.8	174.5	165.8
-82.5°	168.6	167.0	164.7	158.5	152.3	145.9	139.6	134.1	128.2	122.0	115.6
-85°	94.6	94.4	93.7	90.9	87.9	84.7	81.2	77.5	73.6	69.5	65.2
-87.5°	33.5	33.0	32.4	31.7	30.9	30.1	29.2	28.3	27.3	26.3	25.2
-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: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-MR-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°	24.1	22.9	21.7	20.5	19.2	17.8	16.5	15.1	13.7	12.2	10.7
85°	60.7	56.0	51.2	46.1	41.0	35.7	32.9	30.1	27.3	24.4	21.4
82.5°	108.8	101.8	94.5	86.9	79.2	71.2	63.0	54.6	45.7	37.3	32.1
80°	156.8	147.4	137.6	127.7	117.6	106.6	95.6	84.3	71.8	59.8	48.4
77.5°	211.0	196.4	181.1	168.5	157.0	144.2	130.3	114.6	97.6	82.2	67.4
75°	270.5	252.8	234.5	216.5	199.3	181.8	165.9	147.6	126.3	104.6	86.1
72.5°	331.7	311.4	289.2	266.6	246.1	225.1	203.4	180.2	155.7	130.9	105.8
70°	396.5	371.3	346.6	321.0	294.7	268.2	243.2	215.3	184.9	156.9	128.6
67.5°	463.6	433.7	404.1	375.0	345.2	314.6	283.2	250.5	216.8	182.5	151.0
65°	532.4	497.0	460.9	428.5	395.1	360.8	325.8	286.1	248.1	210.5	173.0
62.5°	602.4	561.4	521.4	482.0	444.3	406.4	367.2	322.6	279.2	237.8	196.3
60°	673.1	625.8	580.7	536.8	493.5	451.3	407.0	358.1	310.7	264.6	219.8
57.5°	740.6	688.6	637.3	589.3	542.3	495.5	445.9	393.3	341.2	291.2	242.8
55°	806.3	753.0	692.9	638.3	588.3	538.5	483.6	427.8	370.9	317.0	265.0
52.5°	864.2	811.2	748.8	686.4	630.3	578.2	519.5	461.2	401.0	341.7	286.6
50°	916.5	863.0	800.4	734.5	670.7	612.9	553.8	492.2	430.2	366.1	307.5
47.5°	961.8	910.5	848.7	779.8	711.6	646.3	584.9	521.5	458.3	391.0	327.7
45°	1002.8	956.1	894.9	824.3	749.6	680.2	614.2	549.2	483.1	415.1	347.0
42.5°	1041.1	995.8	939.7	867.7	788.2	712.8	642.2	574.7	506.4	438.0	366.3
40°	1075.7	1030.4	981.7	908.3	824.8	743.3	669.8	598.8	528.3	458.9	385.1
37.5°	1110.0	1063.1	1012.6	946.2	859.0	774.4	695.4	621.6	549.4	477.5	402.7
35°	1145.1	1094.9	1039.8	976.0	891.8	803.0	719.0	643.0	569.2	495.0	419.1
32.5°	1178.9	1123.4	1064.7	1001.3	922.3	829.1	742.0	663.8	587.8	511.4	434.2
30°	1212.0	1146.9	1086.8	1027.0	948.9	854.6	764.6	683.1	605.0	526.6	448.0
27.5°	1237.2	1167.4	1106.2	1047.2	971.2	878.3	786.5	700.9	620.9	540.7	460.2
25°	1259.9	1187.0	1122.9	1063.2	993.2	902.6	806.6	717.2	635.4	553.4	471.2
22.5°	1282.6	1204.2	1136.9	1076.8	1014.1	924.5	825.6	733.5	648.4	564.9	481.2
20°	1302.1	1217.9	1148.4	1089.4	1028.0	941.6	843.4	748.0	660.0	575.1	490.1
17.5°	1318.8	1232.0	1160.5	1099.6	1037.5	956.1	858.9	760.6	670.1	584.0	497.7
15°	1335.9	1246.5	1170.8	1107.5	1045.9	967.9	872.1	771.3	678.6	591.5	504.8
12.5°	1350.5	1257.3	1178.8	1113.2	1052.8	977.2	883.1	780.2	685.6	598.5	511.5
10°	1362.0	1264.4	1184.4	1116.8	1058.3	983.9	891.6	788.3	693.9	604.8	517.0
7.5°	1370.0	1267.9	1187.7	1118.2	1062.2	989.9	900.0	797.3	701.3	609.7	521.3
5°	1375.4	1269.5	1189.7	1121.6	1064.4	995.5	906.0	804.4	707.2	613.3	524.3
2.5°	1381.8	1270.2	1189.8	1124.1	1064.5	998.9	909.6	809.4	711.6	615.4	526.2
0°	1384.0	1267.9	1187.5	1125.0	1062.5	1000.0	910.7	812.5	714.3	616.1	526.8
-2.5°	1381.8	1270.2	1189.8	1124.1	1064.5	998.9	909.6	809.4	711.6	615.4	526.2
-5°	1375.4	1269.5	1189.7	1121.6	1064.4	995.5	906.0	804.4	707.2	613.3	524.3
-7.5°	1370.0	1267.9	1187.7	1118.2	1062.2	989.9	900.0	797.3	701.3	609.7	521.3
-10°	1362.0	1264.4	1184.4	1116.8	1058.3	983.9	891.6	788.3	693.9	604.8	517.0
-12.5°	1350.5	1257.3	1178.8	1113.2	1052.8	977.2	883.1	780.2	685.6	598.5	511.5
-15°	1335.9	1246.5	1170.8	1107.5	1045.9	967.9	872.1	771.3	678.6	591.5	504.8
-17.5°	1318.8	1232.0	1160.5	1099.6	1037.5	956.1	858.9	760.6	670.1	584.0	497.7
-20°	1302.1	1217.9	1148.4	1089.4	1028.0	941.6	843.4	748.0	660.0	575.1	490.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1282.6	1204.2	1136.9	1076.8	1014.1	924.5	825.6	733.5	648.4	564.9	481.2
-25°	1259.9	1187.0	1122.9	1063.2	993.2	902.6	806.6	717.2	635.4	553.4	471.2
-27.5°	1237.2	1167.4	1106.2	1047.2	971.2	878.3	786.5	700.9	620.9	540.7	460.2
-30°	1212.0	1146.9	1086.8	1027.0	948.9	854.6	764.6	683.1	605.0	526.6	448.0
-32.5°	1178.9	1123.4	1064.7	1001.3	922.3	829.1	742.0	663.8	587.8	511.4	434.2
-35°	1145.1	1094.9	1039.8	976.0	891.8	803.0	719.0	643.0	569.2	495.0	419.1
-37.5°	1110.0	1063.1	1012.6	946.2	859.0	774.4	695.4	621.6	549.4	477.5	402.7
-40°	1075.7	1030.4	981.7	908.3	824.8	743.3	669.8	598.8	528.3	458.9	385.1
-42.5°	1041.1	995.8	939.7	867.7	788.2	712.8	642.2	574.7	506.4	438.0	366.3
-45°	1002.8	956.1	894.9	824.3	749.6	680.2	614.2	549.2	483.1	415.1	347.0
-47.5°	961.8	910.5	848.7	779.8	711.6	646.3	584.9	521.5	458.3	391.0	327.7
-50°	916.5	863.0	800.4	734.5	670.7	612.9	553.8	492.2	430.2	366.1	307.5
-52.5°	864.2	811.2	748.8	686.4	630.3	578.2	519.5	461.2	401.0	341.7	286.6
-55°	806.3	753.0	692.9	638.3	588.3	538.5	483.6	427.8	370.9	317.0	265.0
-57.5°	740.6	688.6	637.3	589.3	542.3	495.5	445.9	393.3	341.2	291.2	242.8
-60°	673.1	625.8	580.7	536.8	493.5	451.3	407.0	358.1	310.7	264.6	219.8
-62.5°	602.4	561.4	521.4	482.0	444.3	406.4	367.2	322.6	279.2	237.8	196.3
-65°	532.4	497.0	460.9	428.5	395.1	360.8	325.8	286.1	248.1	210.5	173.0
-67.5°	463.6	433.7	404.1	375.0	345.2	314.6	283.2	250.5	216.8	182.5	151.0
-70°	396.5	371.3	346.6	321.0	294.7	268.2	243.2	215.3	184.9	156.9	128.6
-72.5°	331.7	311.4	289.2	266.6	246.1	225.1	203.4	180.2	155.7	130.9	105.8
-75°	270.5	252.8	234.5	216.5	199.3	181.8	165.9	147.6	126.3	104.6	86.1
-77.5°	211.0	196.4	181.1	168.5	157.0	144.2	130.3	114.6	97.6	82.2	67.4
-80°	156.8	147.4	137.6	127.7	117.6	106.6	95.6	84.3	71.8	59.8	48.4
-82.5°	108.8	101.8	94.5	86.9	79.2	71.2	63.0	54.6	45.7	37.3	32.1
-85°	60.7	56.0	51.2	46.1	41.0	35.7	32.9	30.1	27.3	24.4	21.4
-87.5°	24.1	22.9	21.7	20.5	19.2	17.8	16.5	15.1	13.7	12.2	10.7
-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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Scaled Data Report



REPORT NUMBER: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-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°	9.2	7.7	6.2	4.7	3.1	1.6	0.0
85°	18.5	15.4	12.4	9.3	6.2	3.1	0.0
82.5°	27.6	23.1	18.5	13.9	9.3	4.7	0.0
80°	37.6	30.8	24.7	18.5	12.4	6.2	0.0
77.5°	53.5	40.3	30.8	23.1	15.4	7.7	0.0
75°	69.2	53.5	37.6	27.6	18.5	9.2	0.0
72.5°	84.8	66.5	48.0	32.1	21.4	10.7	0.0
70°	100.7	79.3	58.3	37.2	24.4	12.2	0.0
67.5°	120.2	92.0	68.5	44.8	27.3	13.7	0.0
65°	139.4	106.2	78.4	52.3	30.1	15.1	0.0
62.5°	158.1	121.9	88.2	59.6	32.9	16.5	0.0
60°	176.5	137.2	97.7	66.7	35.7	17.8	0.0
57.5°	195.8	152.2	109.6	73.7	40.3	19.2	0.0
55°	214.7	166.7	121.2	80.5	44.8	20.5	0.0
52.5°	232.8	181.0	132.5	87.1	49.2	21.7	0.0
50°	250.2	195.4	143.5	93.5	53.5	22.9	0.0
47.5°	267.0	209.2	154.1	100.1	57.6	24.1	0.0
45°	283.5	222.3	164.2	107.7	61.5	25.2	0.0
42.5°	299.4	234.8	174.0	115.0	65.3	26.3	0.0
40°	314.5	246.5	183.3	121.9	68.9	27.3	0.0
37.5°	328.8	257.6	192.2	128.3	72.3	28.3	0.0
35°	342.3	268.5	200.6	134.2	75.6	29.2	0.0
32.5°	355.1	279.0	208.3	139.8	78.6	30.1	0.0
30°	367.2	288.8	215.5	144.8	81.4	30.9	0.0
27.5°	378.2	297.8	222.0	149.4	84.0	31.7	0.0
25°	388.2	306.1	228.0	153.5	86.5	32.4	0.0
22.5°	397.0	313.6	233.6	157.2	88.7	33.0	0.0
20°	404.8	320.1	238.7	160.4	90.6	33.5	0.0
17.5°	412.0	325.6	243.2	163.1	92.4	34.0	0.0
15°	418.5	330.2	247.3	165.4	93.9	34.5	0.0
12.5°	424.1	333.9	250.7	167.2	95.2	34.9	0.0
10°	428.8	336.7	253.6	168.6	96.3	35.2	0.0
7.5°	432.5	338.6	255.9	169.5	97.1	35.4	0.0
5°	435.3	339.7	257.6	169.9	97.7	35.6	0.0
2.5°	436.9	339.9	258.6	170.0	98.1	35.7	0.0
0°	437.5	339.3	258.9	169.6	98.2	35.7	0.0
-2.5°	436.9	339.9	258.6	170.0	98.1	35.7	0.0
-5°	435.3	339.7	257.6	169.9	97.7	35.6	0.0
-7.5°	432.5	338.6	255.9	169.5	97.1	35.4	0.0
-10°	428.8	336.7	253.6	168.6	96.3	35.2	0.0
-12.5°	424.1	333.9	250.7	167.2	95.2	34.9	0.0
-15°	418.5	330.2	247.3	165.4	93.9	34.5	0.0
-17.5°	412.0	325.6	243.2	163.1	92.4	34.0	0.0
-20°	404.8	320.1	238.7	160.4	90.6	33.5	0.0

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REPORT NUMBER: P627765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	397.0	313.6	233.6	157.2	88.7	33.0	0.0
-25°	388.2	306.1	228.0	153.5	86.5	32.4	0.0
-27.5°	378.2	297.8	222.0	149.4	84.0	31.7	0.0
-30°	367.2	288.8	215.5	144.8	81.4	30.9	0.0
-32.5°	355.1	279.0	208.3	139.8	78.6	30.1	0.0
-35°	342.3	268.5	200.6	134.2	75.6	29.2	0.0
-37.5°	328.8	257.6	192.2	128.3	72.3	28.3	0.0
-40°	314.5	246.5	183.3	121.9	68.9	27.3	0.0
-42.5°	299.4	234.8	174.0	115.0	65.3	26.3	0.0
-45°	283.5	222.3	164.2	107.7	61.5	25.2	0.0
-47.5°	267.0	209.2	154.1	100.1	57.6	24.1	0.0
-50°	250.2	195.4	143.5	93.5	53.5	22.9	0.0
-52.5°	232.8	181.0	132.5	87.1	49.2	21.7	0.0
-55°	214.7	166.7	121.2	80.5	44.8	20.5	0.0
-57.5°	195.8	152.2	109.6	73.7	40.3	19.2	0.0
-60°	176.5	137.2	97.7	66.7	35.7	17.8	0.0
-62.5°	158.1	121.9	88.2	59.6	32.9	16.5	0.0
-65°	139.4	106.2	78.4	52.3	30.1	15.1	0.0
-67.5°	120.2	92.0	68.5	44.8	27.3	13.7	0.0
-70°	100.7	79.3	58.3	37.2	24.4	12.2	0.0
-72.5°	84.8	66.5	48.0	32.1	21.4	10.7	0.0
-75°	69.2	53.5	37.6	27.6	18.5	9.2	0.0
-77.5°	53.5	40.3	30.8	23.1	15.4	7.7	0.0
-80°	37.6	30.8	24.7	18.5	12.4	6.2	0.0
-82.5°	27.6	23.1	18.5	13.9	9.3	4.7	0.0
-85°	18.5	15.4	12.4	9.3	6.2	3.1	0.0
-87.5°	9.2	7.7	6.2	4.7	3.1	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)