

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: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-735-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N74
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

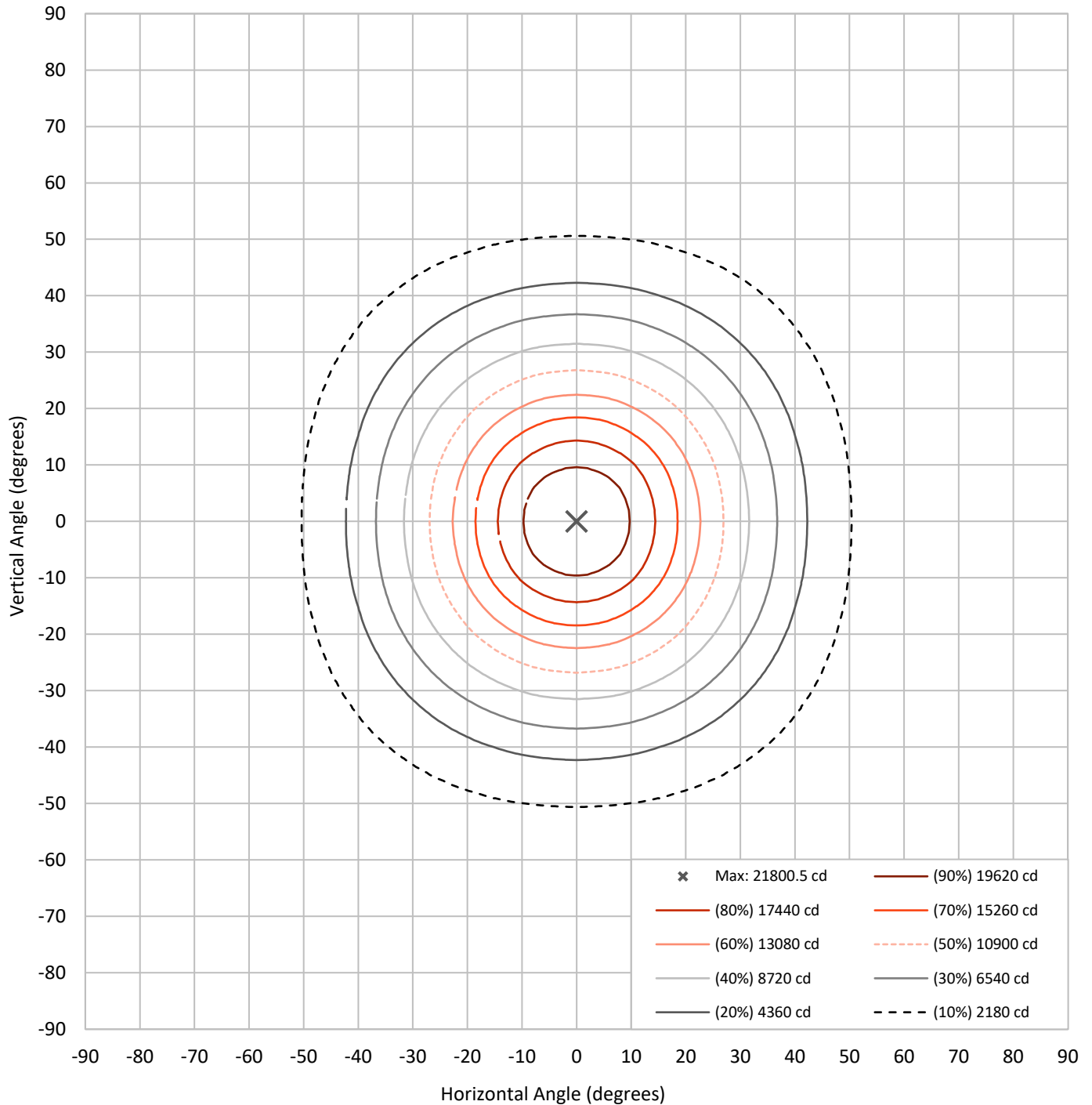
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	22187.8 lumens	Max Intensity:	21800.5 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: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	10608.9 lumens	Field Lumens:	19581.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	160.2		
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





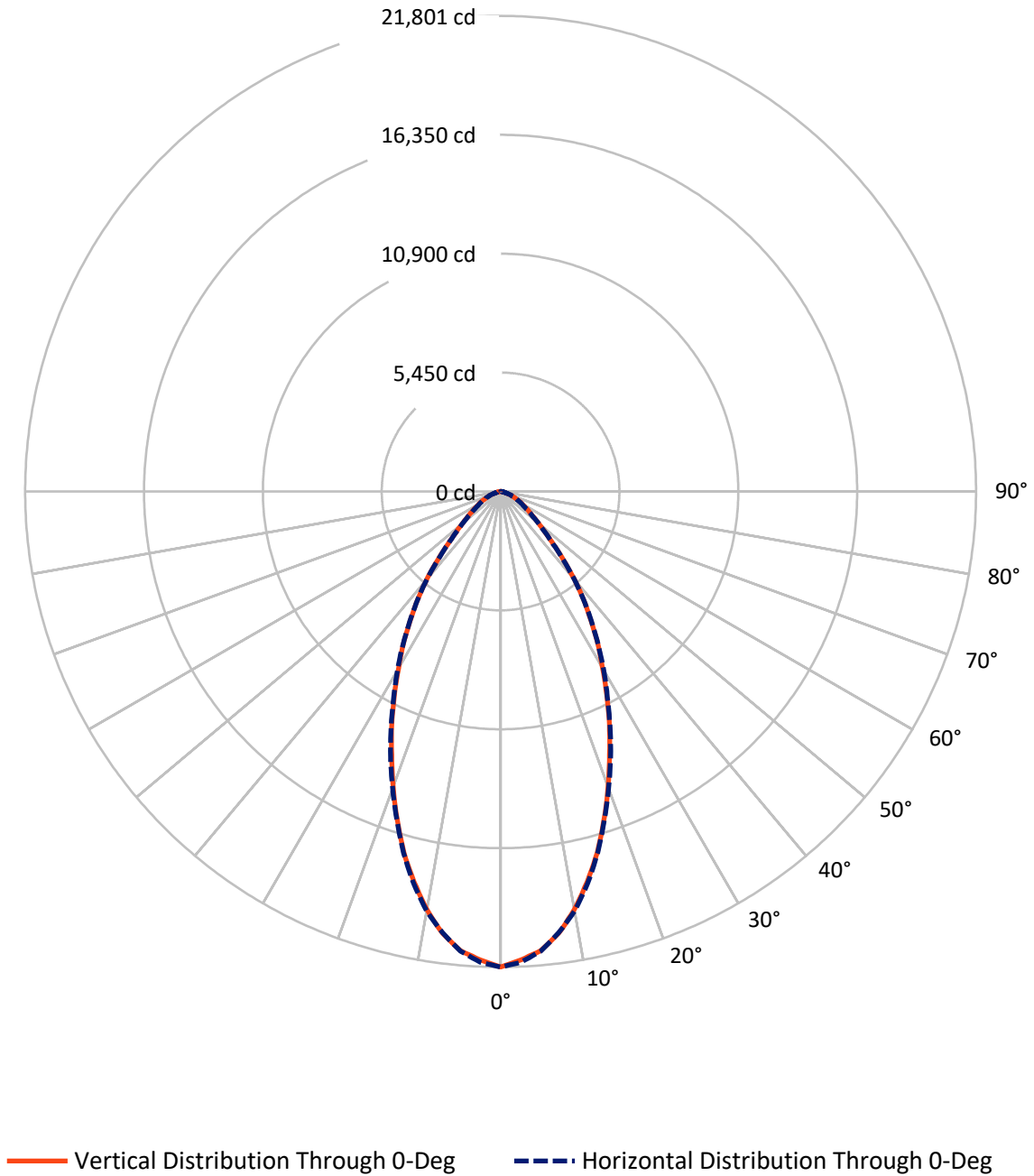
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Lumen Table

90															90				
80	0.9	6.1		14.0		23.2		19.9		23.2		14.0		6.1		0.9			
70															70				
60	2.9	3.4	6.4	10.2	14.8	19.2	22.5	24.1	24.1	22.5	19.2	14.8	10.2	6.4	3.4	2.9			
		4.8	9.6	16.7	25.5	35.1	43.8	48.9	48.9	43.8	35.1	25.5	16.7	9.6	4.8				
50															50				
40	4.2	6.1	13.3	24.8	41.9	64.4	88.8	105.0	105.0	88.8	64.4	41.9	24.8	13.3	6.1	4.2			
		7.4	17.4	36.1	70.3	124.9	181.4	215.2	215.2	181.4	124.9	70.3	36.1	17.4	7.4				
30															30				
20	5.0	8.7	21.7	50.6	113.7	204.4	292.4	349.5	349.5	292.4	204.4	113.7	50.6	21.7	8.7	5.0			
		9.6	25.5	65.6	155.2	275.9	407.4	501.2	501.2	407.4	275.9	155.2	65.6	25.5	9.6				
10															10				
0	5.3	10.1	27.6	75.3	178.6	320.8	488.2	613.9	613.9	488.2	320.8	178.6	75.3	27.6	10.1	5.3			
		10.1	27.6	75.3	178.6	320.8	488.2	613.9	613.9	488.2	320.8	178.6	75.3	27.6	10.1				
-10															-10				
-20	5.0	9.6	25.5	65.6	155.2	275.9	407.4	501.2	501.2	407.4	275.9	155.2	65.6	25.5	9.6	5.0			
		8.7	21.7	50.6	113.7	204.4	292.4	349.5	349.5	292.4	204.4	113.7	50.6	21.7	8.7				
-30															-30				
-40	4.2	7.4	17.4	36.1	70.3	124.9	181.4	215.2	215.2	181.4	124.9	70.3	36.1	17.4	7.4	4.2			
		6.1	13.3	24.8	41.9	64.4	88.8	105.0	105.0	88.8	64.4	41.9	24.8	13.3	6.1				
-50															-50				
-60	2.9	4.8	9.6	16.7	25.5	35.1	43.8	48.9	48.9	43.8	35.1	25.5	16.7	9.6	4.8	2.9			
		3.4	6.4	10.2	14.8	19.2	22.5	24.1	24.1	22.5	19.2	14.8	10.2	6.4	3.4				
-70															-70				
-80	0.9	6.1		14.0		23.2		19.9		23.2		14.0		6.1		0.9			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

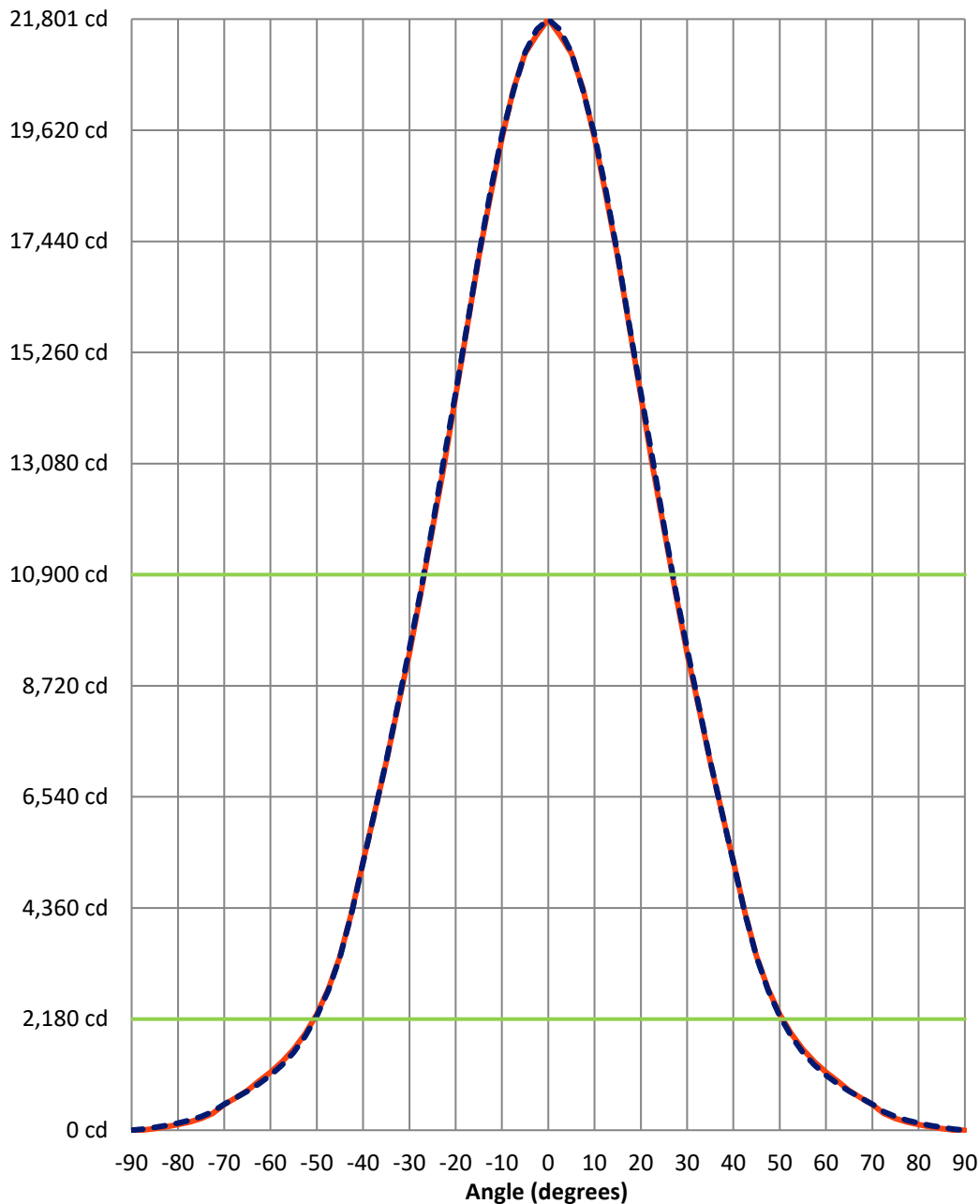
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 10608.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 19581.5
 Efficiency: 88.3%

Spill:
 Lumens: 2606.3
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.1	2.6	4.2	6.0	8.1	10.4	11.5	12.4	13.1	13.7
85°	0.0	2.2	5.1	8.3	12.0	16.1	20.7	23.0	24.8	26.3	27.4
82.5°	0.0	3.3	7.6	12.5	18.0	24.1	31.0	34.4	38.0	44.0	49.3
80°	0.0	4.4	10.1	16.6	23.9	32.1	42.0	52.2	61.1	69.0	76.0
77.5°	0.0	5.5	12.6	20.6	29.7	41.7	60.0	73.2	84.2	94.0	103.8
75°	0.0	6.6	15.0	24.6	35.9	54.5	77.4	94.1	107.3	120.6	135.0
72.5°	0.0	7.6	17.4	28.5	44.5	66.9	94.3	114.6	130.4	147.5	165.7
70°	0.0	8.6	19.7	32.5	52.8	78.8	110.3	133.9	153.2	173.9	198.3
67.5°	0.0	9.6	22.0	37.6	60.7	90.2	124.2	152.9	175.6	201.3	230.5
65°	0.0	10.6	24.1	42.4	68.2	100.6	137.5	171.4	197.6	227.6	261.0
62.5°	0.0	11.5	26.2	47.0	75.3	110.2	150.0	189.0	218.8	252.9	289.3
60°	0.0	12.5	28.2	51.3	81.9	119.2	161.6	205.6	238.9	277.3	316.8
57.5°	0.0	13.3	30.7	55.3	88.1	127.6	172.2	220.6	259.3	300.9	342.1
55°	0.0	14.2	33.0	59.0	93.8	135.3	181.9	232.5	279.3	323.5	366.3
52.5°	0.0	15.0	35.3	62.4	99.1	142.3	190.9	245.5	298.4	345.1	390.1
50°	0.0	15.8	37.5	65.5	103.9	148.8	199.0	257.8	316.9	366.1	416.0
47.5°	0.0	16.5	39.5	68.3	108.2	154.7	206.5	268.9	335.2	386.6	441.5
45°	0.0	17.2	41.5	71.1	112.0	159.9	215.0	278.9	348.3	408.7	466.2
42.5°	0.0	17.8	43.3	73.5	115.2	164.4	222.5	288.7	360.3	430.0	491.8
40°	0.0	18.4	45.1	76.2	118.1	168.2	229.1	298.2	372.1	449.8	516.4
37.5°	0.0	19.0	46.7	79.0	120.8	171.3	234.8	306.8	385.1	465.4	539.9
35°	0.0	19.5	48.2	81.5	122.9	174.8	239.5	314.5	397.5	482.6	563.9
32.5°	0.0	20.0	49.6	83.8	124.5	178.1	243.8	321.2	409.4	500.1	588.4
30°	0.0	20.4	50.8	85.9	125.7	180.7	248.5	327.7	420.6	517.7	611.6
27.5°	0.0	20.7	51.9	87.7	128.3	182.5	252.5	335.9	432.3	535.4	633.2
25°	0.0	21.1	52.9	89.3	130.9	183.6	255.5	343.2	445.3	552.8	653.5
22.5°	0.0	21.3	53.8	90.7	133.2	185.0	257.7	349.5	457.8	568.7	675.6
20°	0.0	21.5	54.5	91.8	135.2	188.4	258.9	354.9	469.5	583.0	695.4
17.5°	0.0	21.7	55.1	92.7	136.8	191.1	261.8	359.3	480.3	595.7	712.8
15°	0.0	21.8	55.5	93.3	138.1	193.3	265.3	363.5	490.0	606.5	727.7
12.5°	0.0	21.9	55.9	93.7	139.1	194.9	267.8	367.2	498.2	615.6	740.2
10°	0.0	21.9	56.1	93.9	139.7	195.8	269.4	369.2	504.6	623.2	750.2
7.5°	0.0	21.9	56.1	93.9	140.0	196.3	270.1	369.7	509.1	629.0	758.1
5°	0.0	21.9	56.0	93.6	139.9	196.1	269.8	368.6	511.6	633.0	763.3
2.5°	0.0	21.7	55.8	93.1	139.5	195.4	268.6	366.0	511.9	635.0	765.9
0°	0.0	21.6	55.5	92.4	138.7	194.1	266.6	362.1	510.0	634.8	765.8
-2.5°	0.0	21.7	55.8	93.1	139.5	195.4	268.6	366.0	511.9	635.0	765.9
-5°	0.0	21.9	56.0	93.6	139.9	196.1	269.8	368.6	511.6	633.0	763.3
-7.5°	0.0	21.9	56.1	93.9	140.0	196.3	270.1	369.7	509.1	629.0	758.1
-10°	0.0	21.9	56.1	93.9	139.7	195.8	269.4	369.2	504.6	623.2	750.2
-12.5°	0.0	21.9	55.9	93.7	139.1	194.9	267.8	367.2	498.2	615.6	740.2
-15°	0.0	21.8	55.5	93.3	138.1	193.3	265.3	363.5	490.0	606.5	727.7
-17.5°	0.0	21.7	55.1	92.7	136.8	191.1	261.8	359.3	480.3	595.7	712.8
-20°	0.0	21.5	54.5	91.8	135.2	188.4	258.9	354.9	469.5	583.0	695.4

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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	21.3	53.8	90.7	133.2	185.0	257.7	349.5	457.8	568.7	675.6
-25°	0.0	21.1	52.9	89.3	130.9	183.6	255.5	343.2	445.3	552.8	653.5
-27.5°	0.0	20.7	51.9	87.7	128.3	182.5	252.5	335.9	432.3	535.4	633.2
-30°	0.0	20.4	50.8	85.9	125.7	180.7	248.5	327.7	420.6	517.7	611.6
-32.5°	0.0	20.0	49.6	83.8	124.5	178.1	243.8	321.2	409.4	500.1	588.4
-35°	0.0	19.5	48.2	81.5	122.9	174.8	239.5	314.5	397.5	482.6	563.9
-37.5°	0.0	19.0	46.7	79.0	120.8	171.3	234.8	306.8	385.1	465.4	539.9
-40°	0.0	18.4	45.1	76.2	118.1	168.2	229.1	298.2	372.1	449.8	516.4
-42.5°	0.0	17.8	43.3	73.5	115.2	164.4	222.5	288.7	360.3	430.0	491.8
-45°	0.0	17.2	41.5	71.1	112.0	159.9	215.0	278.9	348.3	408.7	466.2
-47.5°	0.0	16.5	39.5	68.3	108.2	154.7	206.5	268.9	335.2	386.6	441.5
-50°	0.0	15.8	37.5	65.5	103.9	148.8	199.0	257.8	316.9	366.1	416.0
-52.5°	0.0	15.0	35.3	62.4	99.1	142.3	190.9	245.5	298.4	345.1	390.1
-55°	0.0	14.2	33.0	59.0	93.8	135.3	181.9	232.5	279.3	323.5	366.3
-57.5°	0.0	13.3	30.7	55.3	88.1	127.6	172.2	220.6	259.3	300.9	342.1
-60°	0.0	12.5	28.2	51.3	81.9	119.2	161.6	205.6	238.9	277.3	316.8
-62.5°	0.0	11.5	26.2	47.0	75.3	110.2	150.0	189.0	218.8	252.9	289.3
-65°	0.0	10.6	24.1	42.4	68.2	100.6	137.5	171.4	197.6	227.6	261.0
-67.5°	0.0	9.6	22.0	37.6	60.7	90.2	124.2	152.9	175.6	201.3	230.5
-70°	0.0	8.6	19.7	32.5	52.8	78.8	110.3	133.9	153.2	173.9	198.3
-72.5°	0.0	7.6	17.4	28.5	44.5	66.9	94.3	114.6	130.4	147.5	165.7
-75°	0.0	6.6	15.0	24.6	35.9	54.5	77.4	94.1	107.3	120.6	135.0
-77.5°	0.0	5.5	12.6	20.6	29.7	41.7	60.0	73.2	84.2	94.0	103.8
-80°	0.0	4.4	10.1	16.6	23.9	32.1	42.0	52.2	61.1	69.0	76.0
-82.5°	0.0	3.3	7.6	12.5	18.0	24.1	31.0	34.4	38.0	44.0	49.3
-85°	0.0	2.2	5.1	8.3	12.0	16.1	20.7	23.0	24.8	26.3	27.4
-87.5°	0.0	1.1	2.6	4.2	6.0	8.1	10.4	11.5	12.4	13.1	13.7
-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°	13.9	13.9	13.7	13.3	12.7	11.9	11.0	9.8	10.2	10.6	11.0
85°	27.8	27.8	30.1	32.2	33.2	33.3	32.7	31.3	35.4	40.0	44.9
82.5°	54.2	58.9	63.4	67.5	68.0	66.9	64.9	62.5	70.7	80.7	91.1
80°	83.1	90.0	98.0	105.5	107.3	106.5	104.3	100.5	111.3	126.7	143.3
77.5°	115.4	126.4	136.6	146.1	148.8	148.4	146.7	143.7	157.5	178.8	200.9
75°	149.4	162.7	176.0	187.5	192.5	192.9	192.4	195.6	213.8	238.7	260.7
72.5°	184.8	201.8	216.7	229.5	237.5	243.6	251.7	261.6	279.9	304.4	326.0
70°	222.3	241.2	256.9	271.1	283.3	296.6	313.7	330.6	350.0	374.4	396.8
67.5°	259.4	278.4	296.2	313.6	335.9	357.2	378.4	400.5	424.9	450.6	473.3
65°	293.6	315.2	336.9	362.2	391.1	415.3	441.5	470.2	502.2	531.1	557.4
62.5°	326.5	350.8	377.6	408.2	439.6	469.9	505.0	541.9	579.3	615.5	651.4
60°	354.3	384.6	417.1	451.7	487.9	529.1	570.2	614.2	658.9	702.4	746.8
57.5°	381.0	418.5	456.0	496.2	541.3	588.4	637.8	687.3	740.7	793.4	843.9
55°	408.7	452.9	495.6	543.2	594.9	650.2	706.1	766.1	825.0	891.4	952.7
52.5°	438.4	486.4	536.5	591.1	651.5	713.8	779.3	848.1	921.5	995.3	1070.2
50°	467.2	521.4	577.2	642.5	710.0	781.2	856.8	937.0	1022.4	1107.9	1198.5
47.5°	497.4	555.3	623.4	694.3	771.6	852.8	938.4	1033.7	1128.6	1236.2	1340.2
45°	527.2	593.7	667.7	750.1	835.0	926.3	1028.1	1132.8	1254.0	1375.5	1512.1
42.5°	555.8	632.5	716.0	804.0	900.7	1005.7	1118.3	1249.9	1386.6	1537.0	1697.3
40°	588.7	669.6	763.6	862.0	966.8	1086.8	1222.3	1368.4	1535.2	1713.4	1895.5
37.5°	620.5	711.5	810.6	917.3	1038.9	1174.1	1323.7	1502.9	1695.2	1897.8	2145.6
35°	650.5	751.3	859.0	975.9	1107.6	1264.2	1443.2	1641.2	1862.8	2124.1	2413.2
32.5°	682.2	789.0	904.6	1035.9	1184.9	1356.0	1559.3	1792.3	2054.6	2352.2	2713.8
30°	714.2	827.8	950.0	1092.0	1257.8	1455.8	1686.9	1944.3	2246.0	2619.3	3043.9
27.5°	743.8	864.0	997.9	1151.5	1328.7	1547.9	1809.4	2111.2	2466.7	2888.5	3384.5
25°	770.9	897.0	1042.0	1208.2	1406.9	1647.3	1930.8	2265.0	2687.4	3190.4	3800.6
22.5°	796.8	927.1	1081.8	1259.1	1477.3	1743.4	2062.5	2445.0	2912.0	3476.5	4208.2
20°	821.1	959.7	1121.3	1307.9	1540.3	1830.2	2183.6	2613.0	3144.4	3812.7	4607.9
17.5°	842.5	988.4	1158.7	1360.6	1610.4	1918.5	2297.9	2761.3	3351.3	4112.9	4976.7
15°	860.8	1013.1	1191.1	1406.2	1673.6	2006.2	2417.8	2924.0	3567.1	4386.0	5300.5
12.5°	876.1	1033.8	1218.3	1444.6	1726.7	2080.4	2520.2	3069.0	3777.4	4643.2	5584.8
10°	888.3	1050.4	1240.2	1475.6	1769.5	2140.6	2604.6	3187.6	3952.3	4863.6	5825.4
7.5°	898.5	1063.4	1257.0	1499.1	1801.8	2186.6	2670.3	3279.2	4089.0	5038.2	6009.9
5°	905.7	1072.7	1269.7	1515.5	1825.6	2218.7	2716.3	3343.2	4186.3	5164.7	6136.2
2.5°	909.8	1077.7	1277.0	1524.3	1840.2	2236.9	2740.4	3383.4	4239.7	5236.9	6212.5
0°	910.6	1078.5	1278.8	1525.4	1844.3	2240.3	2744.1	3395.9	4251.0	5255.6	6240.2
-2.5°	909.8	1077.7	1277.0	1524.3	1840.2	2236.9	2740.4	3383.4	4239.7	5236.9	6212.5
-5°	905.7	1072.7	1269.7	1515.5	1825.6	2218.7	2716.3	3343.2	4186.3	5164.7	6136.2
-7.5°	898.5	1063.4	1257.0	1499.1	1801.8	2186.6	2670.3	3279.2	4089.0	5038.2	6009.9
-10°	888.3	1050.4	1240.2	1475.6	1769.5	2140.6	2604.6	3187.6	3952.3	4863.6	5825.4
-12.5°	876.1	1033.8	1218.3	1444.6	1726.7	2080.4	2520.2	3069.0	3777.4	4643.2	5584.8
-15°	860.8	1013.1	1191.1	1406.2	1673.6	2006.2	2417.8	2924.0	3567.1	4386.0	5300.5
-17.5°	842.5	988.4	1158.7	1360.6	1610.4	1918.5	2297.9	2761.3	3351.3	4112.9	4976.7
-20°	821.1	959.7	1121.3	1307.9	1540.3	1830.2	2183.6	2613.0	3144.4	3812.7	4607.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	796.8	927.1	1081.8	1259.1	1477.3	1743.4	2062.5	2445.0	2912.0	3476.5	4208.2
-25°	770.9	897.0	1042.0	1208.2	1406.9	1647.3	1930.8	2265.0	2687.4	3190.4	3800.6
-27.5°	743.8	864.0	997.9	1151.5	1328.7	1547.9	1809.4	2111.2	2466.7	2888.5	3384.5
-30°	714.2	827.8	950.0	1092.0	1257.8	1455.8	1686.9	1944.3	2246.0	2619.3	3043.9
-32.5°	682.2	789.0	904.6	1035.9	1184.9	1356.0	1559.3	1792.3	2054.6	2352.2	2713.8
-35°	650.5	751.3	859.0	975.9	1107.6	1264.2	1443.2	1641.2	1862.8	2124.1	2413.2
-37.5°	620.5	711.5	810.6	917.3	1038.9	1174.1	1323.7	1502.9	1695.2	1897.8	2145.6
-40°	588.7	669.6	763.6	862.0	966.8	1086.8	1222.3	1368.4	1535.2	1713.4	1895.5
-42.5°	555.8	632.5	716.0	804.0	900.7	1005.7	1118.3	1249.9	1386.6	1537.0	1697.3
-45°	527.2	593.7	667.7	750.1	835.0	926.3	1028.1	1132.8	1254.0	1375.5	1512.1
-47.5°	497.4	555.3	623.4	694.3	771.6	852.8	938.4	1033.7	1128.6	1236.2	1340.2
-50°	467.2	521.4	577.2	642.5	710.0	781.2	856.8	937.0	1022.4	1107.9	1198.5
-52.5°	438.4	486.4	536.5	591.1	651.5	713.8	779.3	848.1	921.5	995.3	1070.2
-55°	408.7	452.9	495.6	543.2	594.9	650.2	706.1	766.1	825.0	891.4	952.7
-57.5°	381.0	418.5	456.0	496.2	541.3	588.4	637.8	687.3	740.7	793.4	843.9
-60°	354.3	384.6	417.1	451.7	487.9	529.1	570.2	614.2	658.9	702.4	746.8
-62.5°	326.5	350.8	377.6	408.2	439.6	469.9	505.0	541.9	579.3	615.5	651.4
-65°	293.6	315.2	336.9	362.2	391.1	415.3	441.5	470.2	502.2	531.1	557.4
-67.5°	259.4	278.4	296.2	313.6	335.9	357.2	378.4	400.5	424.9	450.6	473.3
-70°	222.3	241.2	256.9	271.1	283.3	296.6	313.7	330.6	350.0	374.4	396.8
-72.5°	184.8	201.8	216.7	229.5	237.5	243.6	251.7	261.6	279.9	304.4	326.0
-75°	149.4	162.7	176.0	187.5	192.5	192.9	192.4	195.6	213.8	238.7	260.7
-77.5°	115.4	126.4	136.6	146.1	148.8	148.4	146.7	143.7	157.5	178.8	200.9
-80°	83.1	90.0	98.0	105.5	107.3	106.5	104.3	100.5	111.3	126.7	143.3
-82.5°	54.2	58.9	63.4	67.5	68.0	66.9	64.9	62.5	70.7	80.7	91.1
-85°	27.8	27.8	30.1	32.2	33.2	33.3	32.7	31.3	35.4	40.0	44.9
-87.5°	13.9	13.9	13.7	13.3	12.7	11.9	11.0	9.8	10.2	10.6	11.0
-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: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-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°	11.4	11.1	10.7	10.3	9.8	9.6	9.4	9.2	8.9	8.3	7.6
85°	50.1	51.2	51.9	52.1	52.1	53.8	55.4	56.8	58.0	52.6	46.6
82.5°	101.9	106.7	110.9	115.1	119.2	122.0	124.1	125.7	126.6	114.6	101.2
80°	160.4	170.4	178.7	186.7	194.3	196.2	196.2	195.1	193.0	176.5	157.9
77.5°	223.0	236.2	246.6	257.0	267.2	270.9	272.7	274.1	275.1	254.8	229.7
75°	279.9	295.6	310.2	323.8	336.3	342.9	346.8	350.0	352.5	332.1	305.2
72.5°	344.7	361.3	377.2	392.2	405.5	414.2	419.9	424.7	428.3	416.7	399.9
70°	416.0	433.2	449.9	465.5	480.5	492.3	501.6	509.6	516.3	517.6	517.0
67.5°	495.2	515.5	535.3	552.3	570.1	586.8	601.5	613.7	623.5	629.9	633.5
65°	584.0	614.5	641.6	664.6	683.8	706.1	725.8	740.8	751.4	759.4	766.3
62.5°	688.6	725.6	756.6	787.3	819.0	849.7	868.9	888.2	907.1	924.9	940.1
60°	789.4	830.0	872.0	911.1	947.3	980.7	1015.2	1045.8	1072.5	1094.9	1111.6
57.5°	896.8	946.1	993.9	1043.6	1090.4	1134.1	1176.7	1216.0	1250.0	1278.6	1302.0
55°	1013.3	1073.6	1130.4	1193.5	1254.7	1310.5	1361.9	1414.5	1461.9	1503.7	1536.8
52.5°	1138.9	1217.4	1292.6	1366.7	1446.0	1517.5	1581.6	1654.6	1719.3	1772.8	1814.5
50°	1289.0	1381.1	1480.4	1572.2	1672.2	1770.7	1861.6	1949.6	2035.6	2110.1	2170.2
47.5°	1459.8	1573.2	1696.2	1817.9	1942.1	2076.8	2196.9	2308.6	2428.9	2533.3	2617.1
45°	1649.6	1794.3	1942.8	2113.9	2271.7	2444.6	2604.7	2748.5	2919.1	3069.4	3190.4
42.5°	1860.3	2052.9	2248.3	2463.9	2673.0	2892.7	3126.0	3332.9	3559.2	3774.9	3949.2
40°	2121.4	2351.7	2613.2	2874.2	3174.5	3456.5	3796.4	4105.2	4385.7	4642.9	4853.7
37.5°	2411.5	2707.9	3036.6	3376.5	3787.4	4190.0	4587.9	4963.4	5295.0	5576.5	5812.7
35°	2740.8	3117.6	3515.6	4011.8	4493.2	4975.5	5424.8	5835.3	6196.0	6513.6	6783.7
32.5°	3119.7	3571.8	4129.1	4686.5	5235.6	5766.7	6259.9	6707.7	7103.2	7459.8	7770.4
30°	3518.0	4134.9	4760.4	5371.9	5971.6	6553.3	7094.7	7587.8	8034.7	8431.7	8789.6
27.5°	4024.2	4707.9	5389.8	6049.1	6708.9	7345.4	7932.2	8480.1	8992.8	9441.5	9850.5
25°	4513.8	5269.0	5994.0	6712.8	7431.0	8114.5	8770.5	9389.3	9976.6	10491.6	10948.2
22.5°	5003.3	5793.8	6568.5	7341.4	8112.9	8874.8	9611.4	10320.4	10977.2	11563.6	12077.7
20°	5456.6	6283.1	7111.5	7944.7	8780.9	9614.9	10442.4	11240.1	11971.8	12648.9	13243.9
17.5°	5863.1	6742.0	7620.3	8511.5	9418.0	10323.5	11242.6	12137.0	12973.5	13743.8	14434.0
15°	6223.0	7140.1	8083.5	9045.2	10018.6	11002.0	12004.9	13005.5	13947.2	14822.1	15592.7
12.5°	6537.8	7491.2	8479.9	9501.8	10558.2	11629.6	12724.1	13820.9	14863.4	15873.5	16705.5
10°	6797.4	7789.8	8823.2	9896.9	11011.0	12164.1	13338.3	14519.0	15667.5	16739.1	17690.5
7.5°	6998.0	8027.5	9092.4	10209.0	11378.0	12593.9	13837.8	15090.7	16316.4	17471.0	18523.8
5°	7139.5	8200.5	9278.8	10440.4	11649.9	12909.9	14202.7	15508.5	16789.7	18003.8	19094.8
2.5°	7221.6	8304.4	9387.4	10580.9	11811.6	13101.2	14429.0	15756.2	17071.3	18330.5	19451.7
0°	7243.2	8335.6	9449.6	10595.9	11862.5	13190.6	14471.0	15802.2	17168.9	18410.8	19527.8
-2.5°	7221.6	8304.4	9387.4	10580.9	11811.6	13101.2	14429.0	15756.2	17071.3	18330.5	19451.7
-5°	7139.5	8200.5	9278.8	10440.4	11649.9	12909.9	14202.7	15508.5	16789.7	18003.8	19094.8
-7.5°	6998.0	8027.5	9092.4	10209.0	11378.0	12593.9	13837.8	15090.7	16316.4	17471.0	18523.8
-10°	6797.4	7789.8	8823.2	9896.9	11011.0	12164.1	13338.3	14519.0	15667.5	16739.1	17690.5
-12.5°	6537.8	7491.2	8479.9	9501.8	10558.2	11629.6	12724.1	13820.9	14863.4	15873.5	16705.5
-15°	6223.0	7140.1	8083.5	9045.2	10018.6	11002.0	12004.9	13005.5	13947.2	14822.1	15592.7
-17.5°	5863.1	6742.0	7620.3	8511.5	9418.0	10323.5	11242.6	12137.0	12973.5	13743.8	14434.0
-20°	5456.6	6283.1	7111.5	7944.7	8780.9	9614.9	10442.4	11240.1	11971.8	12648.9	13243.9



REPORT NUMBER: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5003.3	5793.8	6568.5	7341.4	8112.9	8874.8	9611.4	10320.4	10977.2	11563.6	12077.7
-25°	4513.8	5269.0	5994.0	6712.8	7431.0	8114.5	8770.5	9389.3	9976.6	10491.6	10948.2
-27.5°	4024.2	4707.9	5389.8	6049.1	6708.9	7345.4	7932.2	8480.1	8992.8	9441.5	9850.5
-30°	3518.0	4134.9	4760.4	5371.9	5971.6	6553.3	7094.7	7587.8	8034.7	8431.7	8789.6
-32.5°	3119.7	3571.8	4129.1	4686.5	5235.6	5766.7	6259.9	6707.7	7103.2	7459.8	7770.4
-35°	2740.8	3117.6	3515.6	4011.8	4493.2	4975.5	5424.8	5835.3	6196.0	6513.6	6783.7
-37.5°	2411.5	2707.9	3036.6	3376.5	3787.4	4190.0	4587.9	4963.4	5295.0	5576.5	5812.7
-40°	2121.4	2351.7	2613.2	2874.2	3174.5	3456.5	3796.4	4105.2	4385.7	4642.9	4853.7
-42.5°	1860.3	2052.9	2248.3	2463.9	2673.0	2892.7	3126.0	3332.9	3559.2	3774.9	3949.2
-45°	1649.6	1794.3	1942.8	2113.9	2271.7	2444.6	2604.7	2748.5	2919.1	3069.4	3190.4
-47.5°	1459.8	1573.2	1696.2	1817.9	1942.1	2076.8	2196.9	2308.6	2428.9	2533.3	2617.1
-50°	1289.0	1381.1	1480.4	1572.2	1672.2	1770.7	1861.6	1949.6	2035.6	2110.1	2170.2
-52.5°	1138.9	1217.4	1292.6	1366.7	1446.0	1517.5	1581.6	1654.6	1719.3	1772.8	1814.5
-55°	1013.3	1073.6	1130.4	1193.5	1254.7	1310.5	1361.9	1414.5	1461.9	1503.7	1536.8
-57.5°	896.8	946.1	993.9	1043.6	1090.4	1134.1	1176.7	1216.0	1250.0	1278.6	1302.0
-60°	789.4	830.0	872.0	911.1	947.3	980.7	1015.2	1045.8	1072.5	1094.9	1111.6
-62.5°	688.6	725.6	756.6	787.3	819.0	849.7	868.9	888.2	907.1	924.9	940.1
-65°	584.0	614.5	641.6	664.6	683.8	706.1	725.8	740.8	751.4	759.4	766.3
-67.5°	495.2	515.5	535.3	552.3	570.1	586.8	601.5	613.7	623.5	629.9	633.5
-70°	416.0	433.2	449.9	465.5	480.5	492.3	501.6	509.6	516.3	517.6	517.0
-72.5°	344.7	361.3	377.2	392.2	405.5	414.2	419.9	424.7	428.3	416.7	399.9
-75°	279.9	295.6	310.2	323.8	336.3	342.9	346.8	350.0	352.5	332.1	305.2
-77.5°	223.0	236.2	246.6	257.0	267.2	270.9	272.7	274.1	275.1	254.8	229.7
-80°	160.4	170.4	178.7	186.7	194.3	196.2	196.2	195.1	193.0	176.5	157.9
-82.5°	101.9	106.7	110.9	115.1	119.2	122.0	124.1	125.7	126.6	114.6	101.2
-85°	50.1	51.2	51.9	52.1	52.1	53.8	55.4	56.8	58.0	52.6	46.6
-87.5°	11.4	11.1	10.7	10.3	9.8	9.6	9.4	9.2	8.9	8.3	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-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°	6.9	6.2	5.4	4.6	5.4	6.2	6.9	7.6	8.3	8.9	9.2
85°	40.3	33.7	33.1	32.4	33.1	33.7	40.3	46.6	52.6	58.0	56.8
82.5°	87.0	72.2	70.0	67.8	70.0	72.2	87.0	101.2	114.6	126.6	125.7
80°	138.6	118.5	114.6	110.9	114.6	118.5	138.6	157.9	176.5	193.0	195.1
77.5°	203.3	175.9	167.8	160.2	167.8	175.9	203.3	229.7	254.8	275.1	274.1
75°	277.4	248.5	238.8	229.6	238.8	248.5	277.4	305.2	332.1	352.5	350.0
72.5°	383.0	365.4	347.6	328.2	347.6	365.4	383.0	399.9	416.7	428.3	424.7
70°	516.4	515.2	510.7	503.8	510.7	515.2	516.4	517.0	517.6	516.3	509.6
67.5°	635.0	634.5	636.0	636.3	636.0	634.5	635.0	633.5	629.9	623.5	613.7
65°	770.5	772.0	775.2	776.6	775.2	772.0	770.5	766.3	759.4	751.4	740.8
62.5°	951.7	959.6	963.4	963.0	963.4	959.6	951.7	940.1	924.9	907.1	888.2
60°	1124.0	1132.2	1137.3	1138.6	1137.3	1132.2	1124.0	1111.6	1094.9	1072.5	1045.8
57.5°	1320.5	1333.9	1341.0	1342.0	1341.0	1333.9	1320.5	1302.0	1278.6	1250.0	1216.0
55°	1562.2	1580.0	1587.9	1587.0	1587.9	1580.0	1562.2	1536.8	1503.7	1461.9	1414.5
52.5°	1846.0	1867.6	1883.8	1893.6	1883.8	1867.6	1846.0	1814.5	1772.8	1719.3	1654.6
50°	2215.5	2246.5	2266.2	2274.2	2266.2	2246.5	2215.5	2170.2	2110.1	2035.6	1949.6
47.5°	2677.7	2718.7	2749.1	2770.3	2749.1	2718.7	2677.7	2617.1	2533.3	2428.9	2308.6
45°	3279.8	3342.4	3384.9	3409.7	3384.9	3342.4	3279.8	3190.4	3069.4	2919.1	2748.5
42.5°	4085.3	4182.5	4242.0	4264.9	4242.0	4182.5	4085.3	3949.2	3774.9	3559.2	3332.9
40°	5020.2	5136.9	5213.4	5266.4	5213.4	5136.9	5020.2	4853.7	4642.9	4385.7	4105.2
37.5°	5993.9	6116.5	6191.1	6241.7	6191.1	6116.5	5993.9	5812.7	5576.5	5295.0	4963.4
35°	6987.3	7115.6	7185.6	7224.7	7185.6	7115.6	6987.3	6783.7	6513.6	6196.0	5835.3
32.5°	8007.2	8148.5	8224.6	8303.3	8224.6	8148.5	8007.2	7770.4	7459.8	7103.2	6707.7
30°	9072.3	9234.6	9314.1	9352.5	9314.1	9234.6	9072.3	8789.6	8431.7	8034.7	7587.8
27.5°	10180.6	10382.9	10482.5	10548.2	10482.5	10382.9	10180.6	9850.5	9441.5	8992.8	8480.1
25°	11333.9	11584.6	11698.7	11800.8	11698.7	11584.6	11333.9	10948.2	10491.6	9976.6	9389.3
22.5°	12530.5	12842.6	12974.8	13047.3	12974.8	12842.6	12530.5	12077.7	11563.6	10977.2	10320.4
20°	13758.3	14131.3	14314.9	14409.4	14314.9	14131.3	13758.3	13243.9	12648.9	11971.8	11240.1
17.5°	15013.8	15477.7	15715.3	15769.9	15715.3	15477.7	15013.8	14434.0	13743.8	12973.5	12137.0
15°	16246.4	16748.1	17029.0	17131.9	17029.0	16748.1	16246.4	15592.7	14822.1	13947.2	13005.5
12.5°	17413.6	17933.7	18269.3	18329.1	18269.3	17933.7	17413.6	16705.5	15873.5	14863.4	13820.9
10°	18472.2	19011.0	19381.7	19466.2	19381.7	19011.0	18472.2	17690.5	16739.1	15667.5	14519.0
7.5°	19357.2	19948.4	20358.0	20429.2	20358.0	19948.4	19357.2	18523.8	17471.0	16316.4	15090.7
5°	20004.7	20706.6	21042.8	21127.2	21042.8	20706.6	20004.7	19094.8	18003.8	16789.7	15508.5
2.5°	20359.9	21074.4	21541.7	21487.7	21541.7	21074.4	20359.9	19451.7	18330.5	17071.3	15756.2
0°	20399.9	21147.2	21594.0	21800.5	21594.0	21147.2	20399.9	19527.8	18410.8	17168.9	15802.2
-2.5°	20359.9	21074.4	21541.7	21487.7	21541.7	21074.4	20359.9	19451.7	18330.5	17071.3	15756.2
-5°	20004.7	20706.6	21042.8	21127.2	21042.8	20706.6	20004.7	19094.8	18003.8	16789.7	15508.5
-7.5°	19357.2	19948.4	20358.0	20429.2	20358.0	19948.4	19357.2	18523.8	17471.0	16316.4	15090.7
-10°	18472.2	19011.0	19381.7	19466.2	19381.7	19011.0	18472.2	17690.5	16739.1	15667.5	14519.0
-12.5°	17413.6	17933.7	18269.3	18329.1	18269.3	17933.7	17413.6	16705.5	15873.5	14863.4	13820.9
-15°	16246.4	16748.1	17029.0	17131.9	17029.0	16748.1	16246.4	15592.7	14822.1	13947.2	13005.5
-17.5°	15013.8	15477.7	15715.3	15769.9	15715.3	15477.7	15013.8	14434.0	13743.8	12973.5	12137.0
-20°	13758.3	14131.3	14314.9	14409.4	14314.9	14131.3	13758.3	13243.9	12648.9	11971.8	11240.1



REPORT NUMBER: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12530.5	12842.6	12974.8	13047.3	12974.8	12842.6	12530.5	12077.7	11563.6	10977.2	10320.4
-25°	11333.9	11584.6	11698.7	11800.8	11698.7	11584.6	11333.9	10948.2	10491.6	9976.6	9389.3
-27.5°	10180.6	10382.9	10482.5	10548.2	10482.5	10382.9	10180.6	9850.5	9441.5	8992.8	8480.1
-30°	9072.3	9234.6	9314.1	9352.5	9314.1	9234.6	9072.3	8789.6	8431.7	8034.7	7587.8
-32.5°	8007.2	8148.5	8224.6	8303.3	8224.6	8148.5	8007.2	7770.4	7459.8	7103.2	6707.7
-35°	6987.3	7115.6	7185.6	7224.7	7185.6	7115.6	6987.3	6783.7	6513.6	6196.0	5835.3
-37.5°	5993.9	6116.5	6191.1	6241.7	6191.1	6116.5	5993.9	5812.7	5576.5	5295.0	4963.4
-40°	5020.2	5136.9	5213.4	5266.4	5213.4	5136.9	5020.2	4853.7	4642.9	4385.7	4105.2
-42.5°	4085.3	4182.5	4242.0	4264.9	4242.0	4182.5	4085.3	3949.2	3774.9	3559.2	3332.9
-45°	3279.8	3342.4	3384.9	3409.7	3384.9	3342.4	3279.8	3190.4	3069.4	2919.1	2748.5
-47.5°	2677.7	2718.7	2749.1	2770.3	2749.1	2718.7	2677.7	2617.1	2533.3	2428.9	2308.6
-50°	2215.5	2246.5	2266.2	2274.2	2266.2	2246.5	2215.5	2170.2	2110.1	2035.6	1949.6
-52.5°	1846.0	1867.6	1883.8	1893.6	1883.8	1867.6	1846.0	1814.5	1772.8	1719.3	1654.6
-55°	1562.2	1580.0	1587.9	1587.0	1587.9	1580.0	1562.2	1536.8	1503.7	1461.9	1414.5
-57.5°	1320.5	1333.9	1341.0	1342.0	1341.0	1333.9	1320.5	1302.0	1278.6	1250.0	1216.0
-60°	1124.0	1132.2	1137.3	1138.6	1137.3	1132.2	1124.0	1111.6	1094.9	1072.5	1045.8
-62.5°	951.7	959.6	963.4	963.0	963.4	959.6	951.7	940.1	924.9	907.1	888.2
-65°	770.5	772.0	775.2	776.6	775.2	772.0	770.5	766.3	759.4	751.4	740.8
-67.5°	635.0	634.5	636.0	636.3	636.0	634.5	635.0	633.5	629.9	623.5	613.7
-70°	516.4	515.2	510.7	503.8	510.7	515.2	516.4	517.0	517.6	516.3	509.6
-72.5°	383.0	365.4	347.6	328.2	347.6	365.4	383.0	399.9	416.7	428.3	424.7
-75°	277.4	248.5	238.8	229.6	238.8	248.5	277.4	305.2	332.1	352.5	350.0
-77.5°	203.3	175.9	167.8	160.2	167.8	175.9	203.3	229.7	254.8	275.1	274.1
-80°	138.6	118.5	114.6	110.9	114.6	118.5	138.6	157.9	176.5	193.0	195.1
-82.5°	87.0	72.2	70.0	67.8	70.0	72.2	87.0	101.2	114.6	126.6	125.7
-85°	40.3	33.7	33.1	32.4	33.1	33.7	40.3	46.6	52.6	58.0	56.8
-87.5°	6.9	6.2	5.4	4.6	5.4	6.2	6.9	7.6	8.3	8.9	9.2
-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-SA3D-735-U-WR-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°	9.4	9.6	9.8	10.3	10.7	11.1	11.4	11.0	10.6	10.2	9.8
85°	55.4	53.8	52.1	52.1	51.9	51.2	50.1	44.9	40.0	35.4	31.3
82.5°	124.1	122.0	119.2	115.1	110.9	106.7	101.9	91.1	80.7	70.7	62.5
80°	196.2	196.2	194.3	186.7	178.7	170.4	160.4	143.3	126.7	111.3	100.5
77.5°	272.7	270.9	267.2	257.0	246.6	236.2	223.0	200.9	178.8	157.5	143.7
75°	346.8	342.9	336.3	323.8	310.2	295.6	279.9	260.7	238.7	213.8	195.6
72.5°	419.9	414.2	405.5	392.2	377.2	361.3	344.7	326.0	304.4	279.9	261.6
70°	501.6	492.3	480.5	465.5	449.9	433.2	416.0	396.8	374.4	350.0	330.6
67.5°	601.5	586.8	570.1	552.3	535.3	515.5	495.2	473.3	450.6	424.9	400.5
65°	725.8	706.1	683.8	664.6	641.6	614.5	584.0	557.4	531.1	502.2	470.2
62.5°	868.9	849.7	819.0	787.3	756.6	725.6	688.6	651.4	615.5	579.3	541.9
60°	1015.2	980.7	947.3	911.1	872.0	830.0	789.4	746.8	702.4	658.9	614.2
57.5°	1176.7	1134.1	1090.4	1043.6	993.9	946.1	896.8	843.9	793.4	740.7	687.3
55°	1361.9	1310.5	1254.7	1193.5	1130.4	1073.6	1013.3	952.7	891.4	825.0	766.1
52.5°	1581.6	1517.5	1446.0	1366.7	1292.6	1217.4	1138.9	1070.2	995.3	921.5	848.1
50°	1861.6	1770.7	1672.2	1572.2	1480.4	1381.1	1289.0	1198.5	1107.9	1022.4	937.0
47.5°	2196.9	2076.8	1942.1	1817.9	1696.2	1573.2	1459.8	1340.2	1236.2	1128.6	1033.7
45°	2604.7	2444.6	2271.7	2113.9	1942.8	1794.3	1649.6	1512.1	1375.5	1254.0	1132.8
42.5°	3126.0	2892.7	2673.0	2463.9	2248.3	2052.9	1860.3	1697.3	1537.0	1386.6	1249.9
40°	3796.4	3456.5	3174.5	2874.2	2613.2	2351.7	2121.4	1895.5	1713.4	1535.2	1368.4
37.5°	4587.9	4190.0	3787.4	3376.5	3036.6	2707.9	2411.5	2145.6	1897.8	1695.2	1502.9
35°	5424.8	4975.5	4493.2	4011.8	3515.6	3117.6	2740.8	2413.2	2124.1	1862.8	1641.2
32.5°	6259.9	5766.7	5235.6	4686.5	4129.1	3571.8	3119.7	2713.8	2352.2	2054.6	1792.3
30°	7094.7	6553.3	5971.6	5371.9	4760.4	4134.9	3518.0	3043.9	2619.3	2246.0	1944.3
27.5°	7932.2	7345.4	6708.9	6049.1	5389.8	4707.9	4024.2	3384.5	2888.5	2466.7	2111.2
25°	8770.5	8114.5	7431.0	6712.8	5994.0	5269.0	4513.8	3800.6	3190.4	2687.4	2265.0
22.5°	9611.4	8874.8	8112.9	7341.4	6568.5	5793.8	5003.3	4208.2	3476.5	2912.0	2445.0
20°	10442.4	9614.9	8780.9	7944.7	7111.5	6283.1	5456.6	4607.9	3812.7	3144.4	2613.0
17.5°	11242.6	10323.5	9418.0	8511.5	7620.3	6742.0	5863.1	4976.7	4112.9	3351.3	2761.3
15°	12004.9	11002.0	10018.6	9045.2	8083.5	7140.1	6223.0	5300.5	4386.0	3567.1	2924.0
12.5°	12724.1	11629.6	10558.2	9501.8	8479.9	7491.2	6537.8	5584.8	4643.2	3777.4	3069.0
10°	13338.3	12164.1	11011.0	9896.9	8823.2	7789.8	6797.4	5825.4	4863.6	3952.3	3187.6
7.5°	13837.8	12593.9	11378.0	10209.0	9092.4	8027.5	6998.0	6009.9	5038.2	4089.0	3279.2
5°	14202.7	12909.9	11649.9	10440.4	9278.8	8200.5	7139.5	6136.2	5164.7	4186.3	3343.2
2.5°	14429.0	13101.2	11811.6	10580.9	9387.4	8304.4	7221.6	6212.5	5236.9	4239.7	3383.4
0°	14471.0	13190.6	11862.5	10595.9	9449.6	8335.6	7243.2	6240.2	5255.6	4251.0	3395.9
-2.5°	14429.0	13101.2	11811.6	10580.9	9387.4	8304.4	7221.6	6212.5	5236.9	4239.7	3383.4
-5°	14202.7	12909.9	11649.9	10440.4	9278.8	8200.5	7139.5	6136.2	5164.7	4186.3	3343.2
-7.5°	13837.8	12593.9	11378.0	10209.0	9092.4	8027.5	6998.0	6009.9	5038.2	4089.0	3279.2
-10°	13338.3	12164.1	11011.0	9896.9	8823.2	7789.8	6797.4	5825.4	4863.6	3952.3	3187.6
-12.5°	12724.1	11629.6	10558.2	9501.8	8479.9	7491.2	6537.8	5584.8	4643.2	3777.4	3069.0
-15°	12004.9	11002.0	10018.6	9045.2	8083.5	7140.1	6223.0	5300.5	4386.0	3567.1	2924.0
-17.5°	11242.6	10323.5	9418.0	8511.5	7620.3	6742.0	5863.1	4976.7	4112.9	3351.3	2761.3
-20°	10442.4	9614.9	8780.9	7944.7	7111.5	6283.1	5456.6	4607.9	3812.7	3144.4	2613.0



REPORT NUMBER: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9611.4	8874.8	8112.9	7341.4	6568.5	5793.8	5003.3	4208.2	3476.5	2912.0	2445.0
-25°	8770.5	8114.5	7431.0	6712.8	5994.0	5269.0	4513.8	3800.6	3190.4	2687.4	2265.0
-27.5°	7932.2	7345.4	6708.9	6049.1	5389.8	4707.9	4024.2	3384.5	2888.5	2466.7	2111.2
-30°	7094.7	6553.3	5971.6	5371.9	4760.4	4134.9	3518.0	3043.9	2619.3	2246.0	1944.3
-32.5°	6259.9	5766.7	5235.6	4686.5	4129.1	3571.8	3119.7	2713.8	2352.2	2054.6	1792.3
-35°	5424.8	4975.5	4493.2	4011.8	3515.6	3117.6	2740.8	2413.2	2124.1	1862.8	1641.2
-37.5°	4587.9	4190.0	3787.4	3376.5	3036.6	2707.9	2411.5	2145.6	1897.8	1695.2	1502.9
-40°	3796.4	3456.5	3174.5	2874.2	2613.2	2351.7	2121.4	1895.5	1713.4	1535.2	1368.4
-42.5°	3126.0	2892.7	2673.0	2463.9	2248.3	2052.9	1860.3	1697.3	1537.0	1386.6	1249.9
-45°	2604.7	2444.6	2271.7	2113.9	1942.8	1794.3	1649.6	1512.1	1375.5	1254.0	1132.8
-47.5°	2196.9	2076.8	1942.1	1817.9	1696.2	1573.2	1459.8	1340.2	1236.2	1128.6	1033.7
-50°	1861.6	1770.7	1672.2	1572.2	1480.4	1381.1	1289.0	1198.5	1107.9	1022.4	937.0
-52.5°	1581.6	1517.5	1446.0	1366.7	1292.6	1217.4	1138.9	1070.2	995.3	921.5	848.1
-55°	1361.9	1310.5	1254.7	1193.5	1130.4	1073.6	1013.3	952.7	891.4	825.0	766.1
-57.5°	1176.7	1134.1	1090.4	1043.6	993.9	946.1	896.8	843.9	793.4	740.7	687.3
-60°	1015.2	980.7	947.3	911.1	872.0	830.0	789.4	746.8	702.4	658.9	614.2
-62.5°	868.9	849.7	819.0	787.3	756.6	725.6	688.6	651.4	615.5	579.3	541.9
-65°	725.8	706.1	683.8	664.6	641.6	614.5	584.0	557.4	531.1	502.2	470.2
-67.5°	601.5	586.8	570.1	552.3	535.3	515.5	495.2	473.3	450.6	424.9	400.5
-70°	501.6	492.3	480.5	465.5	449.9	433.2	416.0	396.8	374.4	350.0	330.6
-72.5°	419.9	414.2	405.5	392.2	377.2	361.3	344.7	326.0	304.4	279.9	261.6
-75°	346.8	342.9	336.3	323.8	310.2	295.6	279.9	260.7	238.7	213.8	195.6
-77.5°	272.7	270.9	267.2	257.0	246.6	236.2	223.0	200.9	178.8	157.5	143.7
-80°	196.2	196.2	194.3	186.7	178.7	170.4	160.4	143.3	126.7	111.3	100.5
-82.5°	124.1	122.0	119.2	115.1	110.9	106.7	101.9	91.1	80.7	70.7	62.5
-85°	55.4	53.8	52.1	52.1	51.9	51.2	50.1	44.9	40.0	35.4	31.3
-87.5°	9.4	9.6	9.8	10.3	10.7	11.1	11.4	11.0	10.6	10.2	9.8
-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: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-WR-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°	11.0	11.9	12.7	13.3	13.7	13.9	13.9	13.7	13.1	12.4	11.5
85°	32.7	33.3	33.2	32.2	30.1	27.8	27.8	27.4	26.3	24.8	23.0
82.5°	64.9	66.9	68.0	67.5	63.4	58.9	54.2	49.3	44.0	38.0	34.4
80°	104.3	106.5	107.3	105.5	98.0	90.0	83.1	76.0	69.0	61.1	52.2
77.5°	146.7	148.4	148.8	146.1	136.6	126.4	115.4	103.8	94.0	84.2	73.2
75°	192.4	192.9	192.5	187.5	176.0	162.7	149.4	135.0	120.6	107.3	94.1
72.5°	251.7	243.6	237.5	229.5	216.7	201.8	184.8	165.7	147.5	130.4	114.6
70°	313.7	296.6	283.3	271.1	256.9	241.2	222.3	198.3	173.9	153.2	133.9
67.5°	378.4	357.2	335.9	313.6	296.2	278.4	259.4	230.5	201.3	175.6	152.9
65°	441.5	415.3	391.1	362.2	336.9	315.2	293.6	261.0	227.6	197.6	171.4
62.5°	505.0	469.9	439.6	408.2	377.6	350.8	326.5	289.3	252.9	218.8	189.0
60°	570.2	529.1	487.9	451.7	417.1	384.6	354.3	316.8	277.3	238.9	205.6
57.5°	637.8	588.4	541.3	496.2	456.0	418.5	381.0	342.1	300.9	259.3	220.6
55°	706.1	650.2	594.9	543.2	495.6	452.9	408.7	366.3	323.5	279.3	232.5
52.5°	779.3	713.8	651.5	591.1	536.5	486.4	438.4	390.1	345.1	298.4	245.5
50°	856.8	781.2	710.0	642.5	577.2	521.4	467.2	416.0	366.1	316.9	257.8
47.5°	938.4	852.8	771.6	694.3	623.4	555.3	497.4	441.5	386.6	335.2	268.9
45°	1028.1	926.3	835.0	750.1	667.7	593.7	527.2	466.2	408.7	348.3	278.9
42.5°	1118.3	1005.7	900.7	804.0	716.0	632.5	555.8	491.8	430.0	360.3	288.7
40°	1222.3	1086.8	966.8	862.0	763.6	669.6	588.7	516.4	449.8	372.1	298.2
37.5°	1323.7	1174.1	1038.9	917.3	810.6	711.5	620.5	539.9	465.4	385.1	306.8
35°	1443.2	1264.2	1107.6	975.9	859.0	751.3	650.5	563.9	482.6	397.5	314.5
32.5°	1559.3	1356.0	1184.9	1035.9	904.6	789.0	682.2	588.4	500.1	409.4	321.2
30°	1686.9	1455.8	1257.8	1092.0	950.0	827.8	714.2	611.6	517.7	420.6	327.7
27.5°	1809.4	1547.9	1328.7	1151.5	997.9	864.0	743.8	633.2	535.4	432.3	335.9
25°	1930.8	1647.3	1406.9	1208.2	1042.0	897.0	770.9	653.5	552.8	445.3	343.2
22.5°	2062.5	1743.4	1477.3	1259.1	1081.8	927.1	796.8	675.6	568.7	457.8	349.5
20°	2183.6	1830.2	1540.3	1307.9	1121.3	959.7	821.1	695.4	583.0	469.5	354.9
17.5°	2297.9	1918.5	1610.4	1360.6	1158.7	988.4	842.5	712.8	595.7	480.3	359.3
15°	2417.8	2006.2	1673.6	1406.2	1191.1	1013.1	860.8	727.7	606.5	490.0	363.5
12.5°	2520.2	2080.4	1726.7	1444.6	1218.3	1033.8	876.1	740.2	615.6	498.2	367.2
10°	2604.6	2140.6	1769.5	1475.6	1240.2	1050.4	888.3	750.2	623.2	504.6	369.2
7.5°	2670.3	2186.6	1801.8	1499.1	1257.0	1063.4	898.5	758.1	629.0	509.1	369.7
5°	2716.3	2218.7	1825.6	1515.5	1269.7	1072.7	905.7	763.3	633.0	511.6	368.6
2.5°	2740.4	2236.9	1840.2	1524.3	1277.0	1077.7	909.8	765.9	635.0	511.9	366.0
0°	2744.1	2240.3	1844.3	1525.4	1278.8	1078.5	910.6	765.8	634.8	510.0	362.1
-2.5°	2740.4	2236.9	1840.2	1524.3	1277.0	1077.7	909.8	765.9	635.0	511.9	366.0
-5°	2716.3	2218.7	1825.6	1515.5	1269.7	1072.7	905.7	763.3	633.0	511.6	368.6
-7.5°	2670.3	2186.6	1801.8	1499.1	1257.0	1063.4	898.5	758.1	629.0	509.1	369.7
-10°	2604.6	2140.6	1769.5	1475.6	1240.2	1050.4	888.3	750.2	623.2	504.6	369.2
-12.5°	2520.2	2080.4	1726.7	1444.6	1218.3	1033.8	876.1	740.2	615.6	498.2	367.2
-15°	2417.8	2006.2	1673.6	1406.2	1191.1	1013.1	860.8	727.7	606.5	490.0	363.5
-17.5°	2297.9	1918.5	1610.4	1360.6	1158.7	988.4	842.5	712.8	595.7	480.3	359.3
-20°	2183.6	1830.2	1540.3	1307.9	1121.3	959.7	821.1	695.4	583.0	469.5	354.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2062.5	1743.4	1477.3	1259.1	1081.8	927.1	796.8	675.6	568.7	457.8	349.5
-25°	1930.8	1647.3	1406.9	1208.2	1042.0	897.0	770.9	653.5	552.8	445.3	343.2
-27.5°	1809.4	1547.9	1328.7	1151.5	997.9	864.0	743.8	633.2	535.4	432.3	335.9
-30°	1686.9	1455.8	1257.8	1092.0	950.0	827.8	714.2	611.6	517.7	420.6	327.7
-32.5°	1559.3	1356.0	1184.9	1035.9	904.6	789.0	682.2	588.4	500.1	409.4	321.2
-35°	1443.2	1264.2	1107.6	975.9	859.0	751.3	650.5	563.9	482.6	397.5	314.5
-37.5°	1323.7	1174.1	1038.9	917.3	810.6	711.5	620.5	539.9	465.4	385.1	306.8
-40°	1222.3	1086.8	966.8	862.0	763.6	669.6	588.7	516.4	449.8	372.1	298.2
-42.5°	1118.3	1005.7	900.7	804.0	716.0	632.5	555.8	491.8	430.0	360.3	288.7
-45°	1028.1	926.3	835.0	750.1	667.7	593.7	527.2	466.2	408.7	348.3	278.9
-47.5°	938.4	852.8	771.6	694.3	623.4	555.3	497.4	441.5	386.6	335.2	268.9
-50°	856.8	781.2	710.0	642.5	577.2	521.4	467.2	416.0	366.1	316.9	257.8
-52.5°	779.3	713.8	651.5	591.1	536.5	486.4	438.4	390.1	345.1	298.4	245.5
-55°	706.1	650.2	594.9	543.2	495.6	452.9	408.7	366.3	323.5	279.3	232.5
-57.5°	637.8	588.4	541.3	496.2	456.0	418.5	381.0	342.1	300.9	259.3	220.6
-60°	570.2	529.1	487.9	451.7	417.1	384.6	354.3	316.8	277.3	238.9	205.6
-62.5°	505.0	469.9	439.6	408.2	377.6	350.8	326.5	289.3	252.9	218.8	189.0
-65°	441.5	415.3	391.1	362.2	336.9	315.2	293.6	261.0	227.6	197.6	171.4
-67.5°	378.4	357.2	335.9	313.6	296.2	278.4	259.4	230.5	201.3	175.6	152.9
-70°	313.7	296.6	283.3	271.1	256.9	241.2	222.3	198.3	173.9	153.2	133.9
-72.5°	251.7	243.6	237.5	229.5	216.7	201.8	184.8	165.7	147.5	130.4	114.6
-75°	192.4	192.9	192.5	187.5	176.0	162.7	149.4	135.0	120.6	107.3	94.1
-77.5°	146.7	148.4	148.8	146.1	136.6	126.4	115.4	103.8	94.0	84.2	73.2
-80°	104.3	106.5	107.3	105.5	98.0	90.0	83.1	76.0	69.0	61.1	52.2
-82.5°	64.9	66.9	68.0	67.5	63.4	58.9	54.2	49.3	44.0	38.0	34.4
-85°	32.7	33.3	33.2	32.2	30.1	27.8	27.8	27.4	26.3	24.8	23.0
-87.5°	11.0	11.9	12.7	13.3	13.7	13.9	13.9	13.7	13.1	12.4	11.5
-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: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-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°	10.4	8.1	6.0	4.2	2.6	1.1	0.0
85°	20.7	16.1	12.0	8.3	5.1	2.2	0.0
82.5°	31.0	24.1	18.0	12.5	7.6	3.3	0.0
80°	42.0	32.1	23.9	16.6	10.1	4.4	0.0
77.5°	60.0	41.7	29.7	20.6	12.6	5.5	0.0
75°	77.4	54.5	35.9	24.6	15.0	6.6	0.0
72.5°	94.3	66.9	44.5	28.5	17.4	7.6	0.0
70°	110.3	78.8	52.8	32.5	19.7	8.6	0.0
67.5°	124.2	90.2	60.7	37.6	22.0	9.6	0.0
65°	137.5	100.6	68.2	42.4	24.1	10.6	0.0
62.5°	150.0	110.2	75.3	47.0	26.2	11.5	0.0
60°	161.6	119.2	81.9	51.3	28.2	12.5	0.0
57.5°	172.2	127.6	88.1	55.3	30.7	13.3	0.0
55°	181.9	135.3	93.8	59.0	33.0	14.2	0.0
52.5°	190.9	142.3	99.1	62.4	35.3	15.0	0.0
50°	199.0	148.8	103.9	65.5	37.5	15.8	0.0
47.5°	206.5	154.7	108.2	68.3	39.5	16.5	0.0
45°	215.0	159.9	112.0	71.1	41.5	17.2	0.0
42.5°	222.5	164.4	115.2	73.5	43.3	17.8	0.0
40°	229.1	168.2	118.1	76.2	45.1	18.4	0.0
37.5°	234.8	171.3	120.8	79.0	46.7	19.0	0.0
35°	239.5	174.8	122.9	81.5	48.2	19.5	0.0
32.5°	243.8	178.1	124.5	83.8	49.6	20.0	0.0
30°	248.5	180.7	125.7	85.9	50.8	20.4	0.0
27.5°	252.5	182.5	128.3	87.7	51.9	20.7	0.0
25°	255.5	183.6	130.9	89.3	52.9	21.1	0.0
22.5°	257.7	185.0	133.2	90.7	53.8	21.3	0.0
20°	258.9	188.4	135.2	91.8	54.5	21.5	0.0
17.5°	261.8	191.1	136.8	92.7	55.1	21.7	0.0
15°	265.3	193.3	138.1	93.3	55.5	21.8	0.0
12.5°	267.8	194.9	139.1	93.7	55.9	21.9	0.0
10°	269.4	195.8	139.7	93.9	56.1	21.9	0.0
7.5°	270.1	196.3	140.0	93.9	56.1	21.9	0.0
5°	269.8	196.1	139.9	93.6	56.0	21.9	0.0
2.5°	268.6	195.4	139.5	93.1	55.8	21.7	0.0
0°	266.6	194.1	138.7	92.4	55.5	21.6	0.0
-2.5°	268.6	195.4	139.5	93.1	55.8	21.7	0.0
-5°	269.8	196.1	139.9	93.6	56.0	21.9	0.0
-7.5°	270.1	196.3	140.0	93.9	56.1	21.9	0.0
-10°	269.4	195.8	139.7	93.9	56.1	21.9	0.0
-12.5°	267.8	194.9	139.1	93.7	55.9	21.9	0.0
-15°	265.3	193.3	138.1	93.3	55.5	21.8	0.0
-17.5°	261.8	191.1	136.8	92.7	55.1	21.7	0.0
-20°	258.9	188.4	135.2	91.8	54.5	21.5	0.0

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REPORT NUMBER: P627223 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	257.7	185.0	133.2	90.7	53.8	21.3	0.0
-25°	255.5	183.6	130.9	89.3	52.9	21.1	0.0
-27.5°	252.5	182.5	128.3	87.7	51.9	20.7	0.0
-30°	248.5	180.7	125.7	85.9	50.8	20.4	0.0
-32.5°	243.8	178.1	124.5	83.8	49.6	20.0	0.0
-35°	239.5	174.8	122.9	81.5	48.2	19.5	0.0
-37.5°	234.8	171.3	120.8	79.0	46.7	19.0	0.0
-40°	229.1	168.2	118.1	76.2	45.1	18.4	0.0
-42.5°	222.5	164.4	115.2	73.5	43.3	17.8	0.0
-45°	215.0	159.9	112.0	71.1	41.5	17.2	0.0
-47.5°	206.5	154.7	108.2	68.3	39.5	16.5	0.0
-50°	199.0	148.8	103.9	65.5	37.5	15.8	0.0
-52.5°	190.9	142.3	99.1	62.4	35.3	15.0	0.0
-55°	181.9	135.3	93.8	59.0	33.0	14.2	0.0
-57.5°	172.2	127.6	88.1	55.3	30.7	13.3	0.0
-60°	161.6	119.2	81.9	51.3	28.2	12.5	0.0
-62.5°	150.0	110.2	75.3	47.0	26.2	11.5	0.0
-65°	137.5	100.6	68.2	42.4	24.1	10.6	0.0
-67.5°	124.2	90.2	60.7	37.6	22.0	9.6	0.0
-70°	110.3	78.8	52.8	32.5	19.7	8.6	0.0
-72.5°	94.3	66.9	44.5	28.5	17.4	7.6	0.0
-75°	77.4	54.5	35.9	24.6	15.0	6.6	0.0
-77.5°	60.0	41.7	29.7	20.6	12.6	5.5	0.0
-80°	42.0	32.1	23.9	16.6	10.1	4.4	0.0
-82.5°	31.0	24.1	18.0	12.5	7.6	3.3	0.0
-85°	20.7	16.1	12.0	8.3	5.1	2.2	0.0
-87.5°	10.4	8.1	6.0	4.2	2.6	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)