

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: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628015 (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-SA6E-750-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N153
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

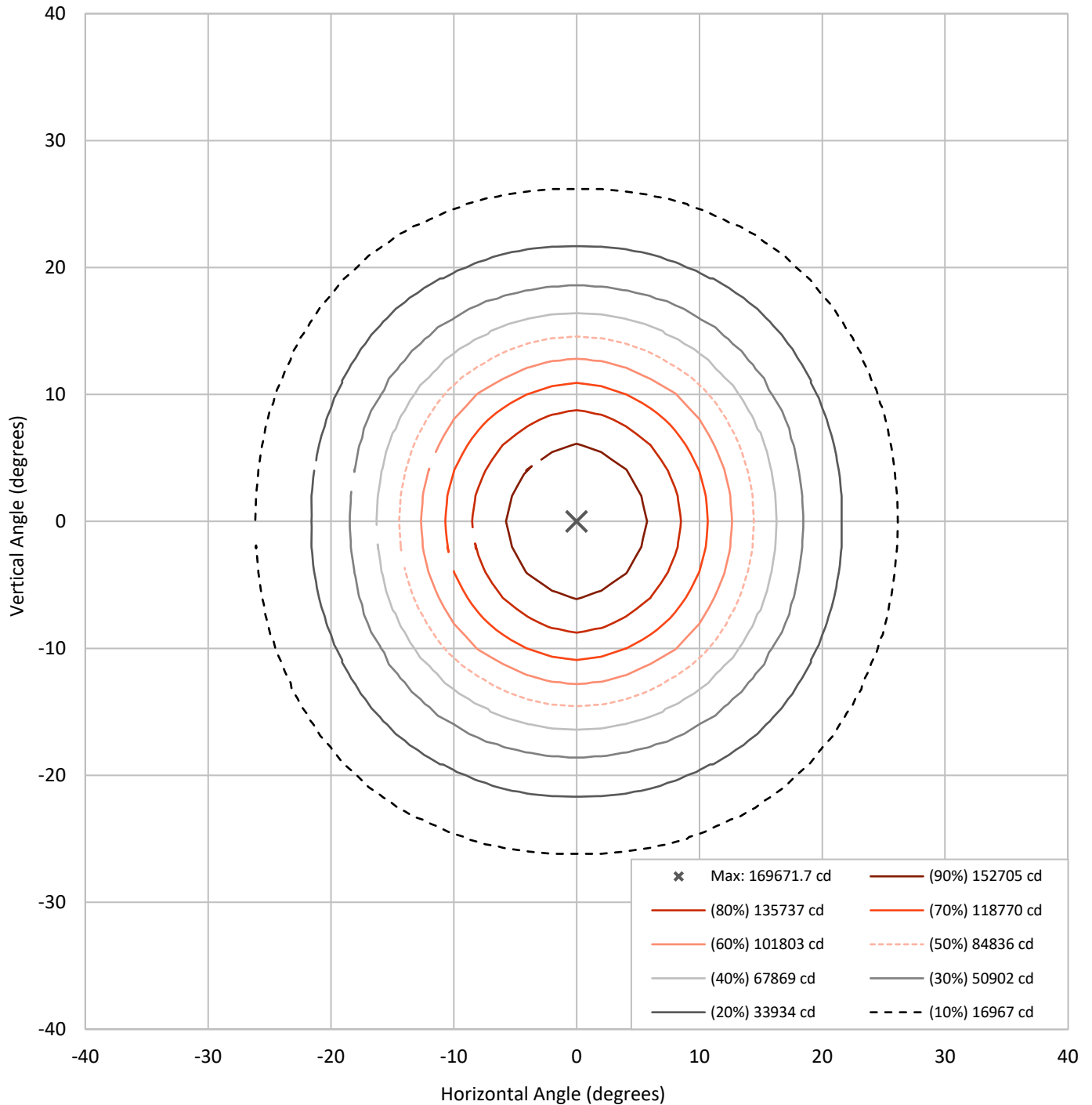
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	53011.3 lumens	Max Intensity:	169671.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.7 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:	25773.3 lumens	Field Lumens:	43494.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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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CATALOG NUMBER: GFLD-SA6E-750-U-MR-XX

Iso-Candela Plot





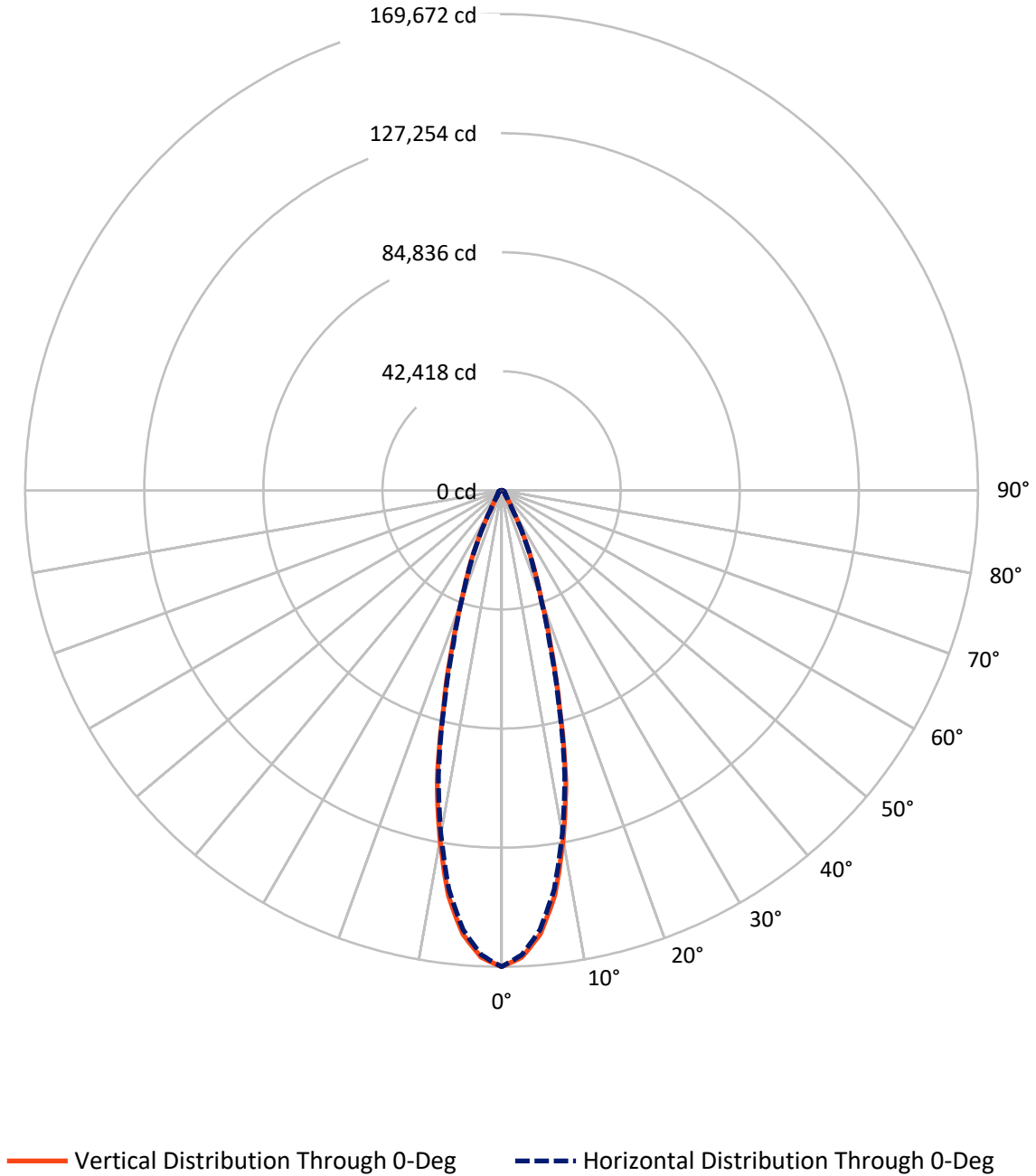
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Lumen Table

90																			
80	1.0	8.8		23.0		36.4		40.4		36.4		23.0		8.8		1.0			
70																			
60	4.0	4.6	9.2	15.0	21.0	25.7	28.6	30.1	30.1	28.6	25.7	21.0	15.0	9.2	4.6	4.0			
50		6.8	13.7	22.1	29.6	36.5	40.9	42.4	42.4	40.9	36.5	29.6	22.1	13.7	6.8				
40	7.0	8.7	17.6	27.3	36.3	45.9	54.0	58.0	58.0	54.0	45.9	36.3	27.3	17.6	8.7	7.0			
30		10.2	20.6	31.5	44.5	63.5	91.9	119.4	119.4	91.9	63.5	44.5	31.5	20.6	10.2				
20	9.0	11.5	22.6	35.5	57.0	123.9	348.9	618.8	618.8	348.9	123.9	57.0	35.5	22.6	11.5	9.0			
10		12.3	23.7	38.6	77.7	325.4	1159.6	2222.1	2222.1	1159.6	325.4	77.7	38.6	23.7	12.3				
0	9.6	12.8	24.1	40.6	98.6	561.6	2146.3	4221.9	4221.9	2146.3	561.6	98.6	40.6	24.1	12.8	9.6			
-10		12.8	24.1	40.6	98.6	561.6	2146.3	4221.9	4221.9	2146.3	561.6	98.6	40.6	24.1	12.8				
-20	9.0	12.3	23.7	38.6	77.7	325.4	1159.6	2222.1	2222.1	1159.6	325.4	77.7	38.6	23.7	12.3	9.0			
-30		11.5	22.6	35.5	57.0	123.9	348.9	618.8	618.8	348.9	123.9	57.0	35.5	22.6	11.5				
-40	7.0	10.2	20.6	31.5	44.5	63.5	91.9	119.4	119.4	91.9	63.5	44.5	31.5	20.6	10.2	7.0			
-50		8.7	17.6	27.3	36.3	45.9	54.0	58.0	58.0	54.0	45.9	36.3	27.3	17.6	8.7				
-60	4.0	6.8	13.7	22.1	29.6	36.5	40.9	42.4	42.4	40.9	36.5	29.6	22.1	13.7	6.8	4.0			
-70		4.6	9.2	15.0	21.0	25.7	28.6	30.1	30.1	28.6	25.7	21.0	15.0	9.2	4.6				
-80																			
-90	1.0	8.8		23.0		36.4		40.4		36.4		23.0		8.8		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

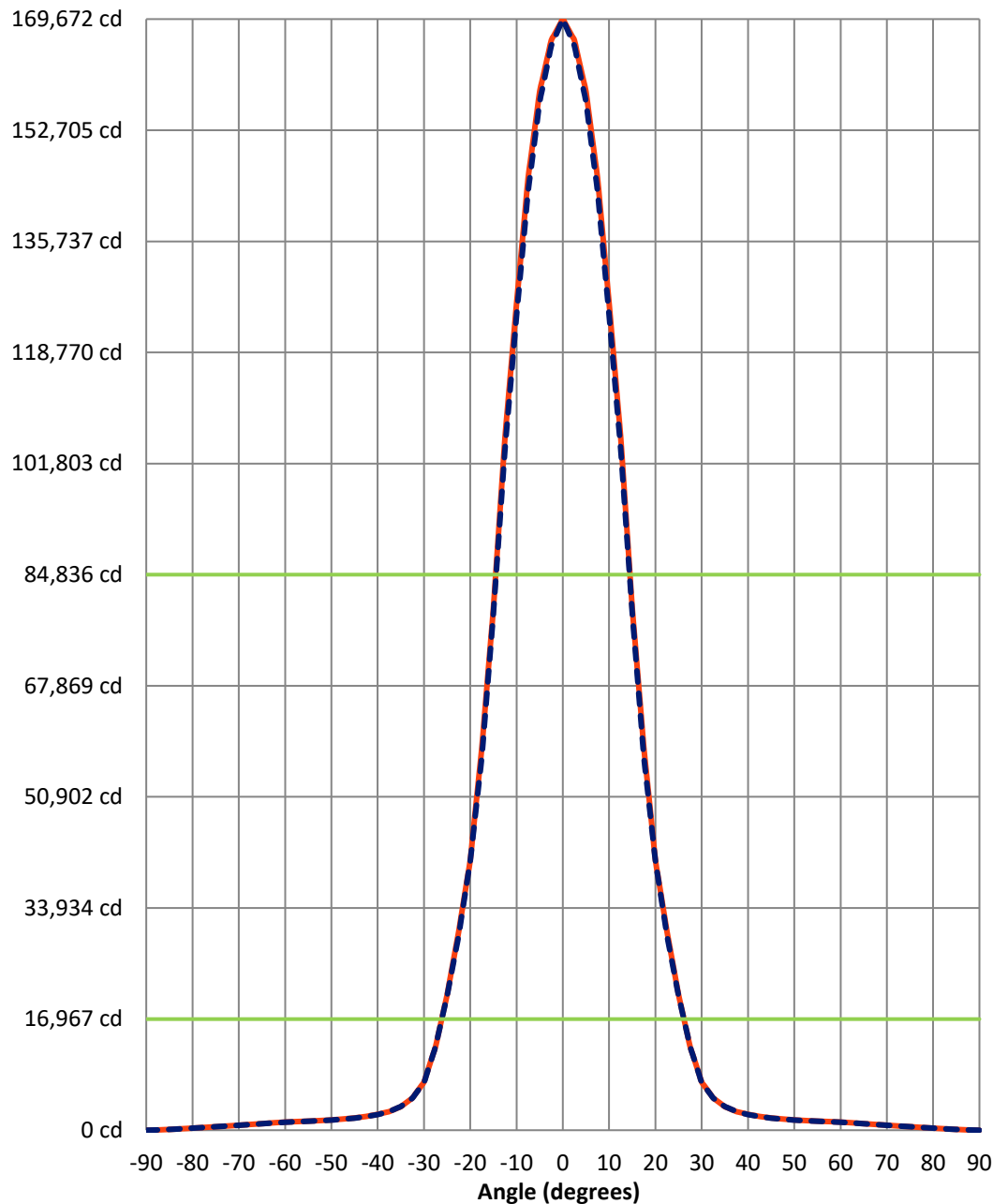
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 25773.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 43494.9
 Efficiency: 82.0%

Spill:
 Lumens: 9516.3
 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	1.9	3.8	5.7	7.6	9.4	11.3	13.1	14.9	16.7	18.4
85°	0.0	3.8	7.6	11.4	15.1	18.9	22.5	26.2	29.8	33.3	36.8
82.5°	0.0	5.7	11.4	17.0	22.7	28.2	33.8	39.2	45.5	55.8	66.6
80°	0.0	7.6	15.1	22.7	30.1	37.6	45.9	59.1	73.0	87.6	102.9
77.5°	0.0	9.4	18.9	28.2	37.6	49.2	65.3	82.3	100.3	119.1	139.9
75°	0.0	11.3	22.5	33.8	45.9	65.3	84.5	105.1	127.6	154.0	180.0
72.5°	0.0	13.1	26.2	39.2	58.6	81.1	103.5	129.1	159.7	190.0	219.8
70°	0.0	14.9	29.8	45.4	71.2	96.8	122.9	156.8	191.4	225.5	262.6
67.5°	0.0	16.7	33.3	54.7	83.5	112.2	146.6	184.2	222.6	264.4	305.6
65°	0.0	18.4	36.8	63.8	95.7	129.5	170.0	211.0	256.7	302.6	348.9
62.5°	0.0	20.1	40.2	72.7	107.6	148.6	192.9	239.4	290.1	340.5	393.5
60°	0.0	21.8	43.6	81.5	119.2	167.3	215.3	268.1	322.7	378.9	436.8
57.5°	0.0	23.4	49.2	90.0	133.7	185.6	238.8	296.0	355.1	416.1	479.6
55°	0.0	25.0	54.7	98.3	147.9	203.3	261.8	323.2	386.6	452.4	521.7
52.5°	0.0	26.5	60.1	106.3	161.7	220.8	283.9	349.5	416.8	489.1	562.6
50°	0.0	28.0	65.3	114.1	175.0	238.3	305.2	375.0	446.4	524.7	600.3
47.5°	0.0	29.5	70.3	122.1	187.9	255.1	325.6	399.6	476.8	558.9	636.1
45°	0.0	30.8	75.1	131.4	200.3	271.1	345.8	423.2	506.3	589.2	669.9
42.5°	0.0	32.1	79.7	140.3	212.1	286.3	365.1	446.8	534.1	617.7	701.0
40°	0.0	33.4	84.1	148.6	223.5	300.7	383.6	469.7	559.7	644.4	730.4
37.5°	0.0	34.6	88.3	156.5	234.4	314.2	401.0	491.2	582.4	670.1	758.2
35°	0.0	35.7	92.2	163.7	244.6	327.5	417.5	511.2	603.8	694.3	784.3
32.5°	0.0	36.8	95.9	170.5	254.1	340.3	433.1	529.7	623.8	717.0	809.7
30°	0.0	37.8	99.3	176.6	262.9	352.3	447.9	546.4	642.4	738.0	833.2
27.5°	0.0	38.7	102.5	182.2	270.8	363.3	461.3	561.3	659.5	757.4	854.9
25°	0.0	39.5	105.5	187.3	278.1	373.4	473.5	574.8	675.1	775.0	874.8
22.5°	0.0	40.3	108.2	191.8	284.9	382.5	484.3	587.0	689.1	790.9	894.7
20°	0.0	41.0	110.6	195.7	291.1	390.4	493.9	597.8	701.5	805.0	912.3
17.5°	0.0	41.6	112.7	199.0	296.7	397.2	502.6	607.2	712.3	817.3	927.7
15°	0.0	42.1	114.6	201.8	301.6	402.9	510.5	615.8	721.4	827.7	940.8
12.5°	0.0	42.6	116.2	204.0	305.8	407.4	517.3	624.0	730.0	836.2	951.6
10°	0.0	42.9	117.5	205.6	309.4	410.8	523.1	630.7	737.7	846.4	961.6
7.5°	0.0	43.2	118.5	206.7	312.1	413.1	527.6	635.9	743.7	855.4	972.6
5°	0.0	43.4	119.2	207.3	314.2	414.4	531.0	639.6	748.0	862.6	981.2
2.5°	0.0	43.6	119.7	207.4	315.4	414.6	533.0	641.9	750.6	868.0	987.3
0°	0.0	43.6	119.8	206.9	315.8	413.9	533.7	642.6	751.5	871.3	991.1
-2.5°	0.0	43.6	119.7	207.4	315.4	414.6	533.0	641.9	750.6	868.0	987.3
-5°	0.0	43.4	119.2	207.3	314.2	414.4	531.0	639.6	748.0	862.6	981.2
-7.5°	0.0	43.2	118.5	206.7	312.1	413.1	527.6	635.9	743.7	855.4	972.6
-10°	0.0	42.9	117.5	205.6	309.4	410.8	523.1	630.7	737.7	846.4	961.6
-12.5°	0.0	42.6	116.2	204.0	305.8	407.4	517.3	624.0	730.0	836.2	951.6
-15°	0.0	42.1	114.6	201.8	301.6	402.9	510.5	615.8	721.4	827.7	940.8
-17.5°	0.0	41.6	112.7	199.0	296.7	397.2	502.6	607.2	712.3	817.3	927.7
-20°	0.0	41.0	110.6	195.7	291.1	390.4	493.9	597.8	701.5	805.0	912.3

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CATALOG NUMBER: GFLD-SA6E-750-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	40.3	108.2	191.8	284.9	382.5	484.3	587.0	689.1	790.9	894.7
-25°	0.0	39.5	105.5	187.3	278.1	373.4	473.5	574.8	675.1	775.0	874.8
-27.5°	0.0	38.7	102.5	182.2	270.8	363.3	461.3	561.3	659.5	757.4	854.9
-30°	0.0	37.8	99.3	176.6	262.9	352.3	447.9	546.4	642.4	738.0	833.2
-32.5°	0.0	36.8	95.9	170.5	254.1	340.3	433.1	529.7	623.8	717.0	809.7
-35°	0.0	35.7	92.2	163.7	244.6	327.5	417.5	511.2	603.8	694.3	784.3
-37.5°	0.0	34.6	88.3	156.5	234.4	314.2	401.0	491.2	582.4	670.1	758.2
-40°	0.0	33.4	84.1	148.6	223.5	300.7	383.6	469.7	559.7	644.4	730.4
-42.5°	0.0	32.1	79.7	140.3	212.1	286.3	365.1	446.8	534.1	617.7	701.0
-45°	0.0	30.8	75.1	131.4	200.3	271.1	345.8	423.2	506.3	589.2	669.9
-47.5°	0.0	29.5	70.3	122.1	187.9	255.1	325.6	399.6	476.8	558.9	636.1
-50°	0.0	28.0	65.3	114.1	175.0	238.3	305.2	375.0	446.4	524.7	600.3
-52.5°	0.0	26.5	60.1	106.3	161.7	220.8	283.9	349.5	416.8	489.1	562.6
-55°	0.0	25.0	54.7	98.3	147.9	203.3	261.8	323.2	386.6	452.4	521.7
-57.5°	0.0	23.4	49.2	90.0	133.7	185.6	238.8	296.0	355.1	416.1	479.6
-60°	0.0	21.8	43.6	81.5	119.2	167.3	215.3	268.1	322.7	378.9	436.8
-62.5°	0.0	20.1	40.2	72.7	107.6	148.6	192.9	239.4	290.1	340.5	393.5
-65°	0.0	18.4	36.8	63.8	95.7	129.5	170.0	211.0	256.7	302.6	348.9
-67.5°	0.0	16.7	33.3	54.7	83.5	112.2	146.6	184.2	222.6	264.4	305.6
-70°	0.0	14.9	29.8	45.4	71.2	96.8	122.9	156.8	191.4	225.5	262.6
-72.5°	0.0	13.1	26.2	39.2	58.6	81.1	103.5	129.1	159.7	190.0	219.8
-75°	0.0	11.3	22.5	33.8	45.9	65.3	84.5	105.1	127.6	154.0	180.0
-77.5°	0.0	9.4	18.9	28.2	37.6	49.2	65.3	82.3	100.3	119.1	139.9
-80°	0.0	7.6	15.1	22.7	30.1	37.6	45.9	59.1	73.0	87.6	102.9
-82.5°	0.0	5.7	11.4	17.0	22.7	28.2	33.8	39.2	45.5	55.8	66.6
-85°	0.0	3.8	7.6	11.4	15.1	18.9	22.5	26.2	29.8	33.3	36.8
-87.5°	0.0	1.9	3.8	5.7	7.6	9.4	11.3	13.1	14.9	16.7	18.4
-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°	20.1	21.8	23.4	25.0	26.5	28.0	29.5	30.8	32.1	33.4	34.6
85°	40.2	43.6	50.0	56.3	62.5	68.4	74.1	79.6	84.9	89.9	94.6
82.5°	76.9	86.9	96.6	106.1	115.3	124.2	132.8	141.0	148.9	156.4	163.6
80°	116.7	130.0	143.5	155.8	167.9	179.8	191.2	202.2	212.8	224.1	236.0
77.5°	158.9	175.9	191.5	205.6	220.9	239.5	257.4	274.6	291.1	306.8	321.8
75°	202.4	221.8	243.0	264.0	286.0	308.3	329.9	350.7	371.0	391.8	412.5
72.5°	248.1	274.5	300.2	325.1	352.7	379.7	404.6	427.2	452.9	481.0	506.9
70°	296.7	327.1	359.4	391.4	422.7	452.8	483.6	514.6	545.8	576.2	605.2
67.5°	345.4	383.7	421.0	457.4	492.8	529.0	565.5	602.9	638.9	673.3	706.8
65°	397.4	440.1	481.9	522.6	562.1	606.2	649.4	691.1	736.8	779.1	815.8
62.5°	447.9	495.8	541.9	588.0	636.0	684.8	734.8	787.3	841.7	880.8	914.5
60°	496.5	550.5	601.9	654.8	708.3	763.3	821.0	876.8	926.5	969.2	1004.8
57.5°	543.9	604.4	661.5	718.8	777.3	839.8	903.3	960.4	1006.6	1047.9	1086.8
55°	589.9	656.9	717.6	778.6	845.1	918.5	983.4	1035.0	1082.3	1116.4	1153.6
52.5°	633.7	705.4	768.9	837.2	913.3	989.4	1054.0	1104.1	1143.8	1179.2	1215.5
50°	675.5	747.6	818.1	895.8	976.2	1052.6	1117.9	1164.0	1203.9	1240.7	1275.6
47.5°	713.4	788.4	868.0	951.1	1035.1	1110.5	1173.2	1220.2	1261.6	1299.3	1337.8
45°	749.2	829.7	914.3	1005.3	1091.5	1166.2	1223.2	1273.7	1313.5	1356.0	1404.2
42.5°	783.4	869.4	961.4	1058.3	1146.2	1214.6	1269.9	1318.2	1364.1	1415.2	1468.9
40°	817.0	906.6	1006.0	1107.9	1197.5	1256.8	1312.2	1363.3	1416.2	1474.1	1532.7
37.5°	848.3	944.6	1047.8	1154.1	1235.2	1296.7	1353.9	1411.1	1470.4	1532.7	1605.5
35°	877.1	979.5	1087.7	1190.6	1268.4	1335.5	1396.8	1458.8	1525.2	1601.4	1681.7
32.5°	905.1	1011.3	1124.9	1221.3	1298.7	1370.3	1438.0	1508.1	1584.2	1668.0	1759.9
30°	932.6	1042.4	1157.5	1252.7	1325.7	1399.0	1478.4	1556.4	1641.0	1734.1	1842.0
27.5°	959.4	1071.3	1184.7	1277.3	1349.4	1423.9	1509.1	1603.9	1696.4	1798.4	1923.4
25°	983.8	1100.9	1211.6	1296.9	1369.7	1447.9	1536.8	1637.7	1746.5	1867.8	2020.9
22.5°	1007.0	1127.7	1237.0	1313.5	1386.7	1468.8	1564.4	1671.2	1789.4	1930.0	2117.0
20°	1028.7	1148.6	1253.9	1328.8	1400.7	1485.6	1588.3	1700.8	1835.8	2006.2	2229.8
17.5°	1047.7	1166.3	1265.6	1341.3	1415.5	1502.7	1608.7	1725.7	1877.5	2073.4	2338.0
15°	1063.8	1180.7	1275.7	1350.9	1428.1	1520.4	1629.6	1757.1	1923.3	2139.2	2431.5
12.5°	1077.2	1192.0	1284.2	1357.9	1437.8	1533.6	1647.3	1787.3	1969.0	2210.9	2557.5
10°	1087.6	1200.2	1290.8	1362.2	1444.7	1542.2	1661.3	1810.9	2006.0	2270.9	2665.4
7.5°	1097.8	1207.5	1295.6	1364.0	1448.7	1546.6	1671.0	1827.6	2033.1	2315.9	2751.4
5°	1105.2	1214.3	1298.3	1368.1	1451.2	1548.5	1677.6	1837.2	2050.0	2345.6	2812.2
2.5°	1109.5	1218.4	1298.4	1371.2	1451.3	1549.3	1685.4	1842.6	2068.8	2370.7	2846.8
0°	1110.9	1219.8	1296.0	1372.3	1448.5	1546.5	1688.1	1840.6	2080.2	2385.1	2853.5
-2.5°	1109.5	1218.4	1298.4	1371.2	1451.3	1549.3	1685.4	1842.6	2068.8	2370.7	2846.8
-5°	1105.2	1214.3	1298.3	1368.1	1451.2	1548.5	1677.6	1837.2	2050.0	2345.6	2812.2
-7.5°	1097.8	1207.5	1295.6	1364.0	1448.7	1546.6	1671.0	1827.6	2033.1	2315.9	2751.4
-10°	1087.6	1200.2	1290.8	1362.2	1444.7	1542.2	1661.3	1810.9	2006.0	2270.9	2665.4
-12.5°	1077.2	1192.0	1284.2	1357.9	1437.8	1533.6	1647.3	1787.3	1969.0	2210.9	2557.5
-15°	1063.8	1180.7	1275.7	1350.9	1428.1	1520.4	1629.6	1757.1	1923.3	2139.2	2431.5
-17.5°	1047.7	1166.3	1265.6	1341.3	1415.5	1502.7	1608.7	1725.7	1877.5	2073.4	2338.0
-20°	1028.7	1148.6	1253.9	1328.8	1400.7	1485.6	1588.3	1700.8	1835.8	2006.2	2229.8



REPORT NUMBER: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1007.0	1127.7	1237.0	1313.5	1386.7	1468.8	1564.4	1671.2	1789.4	1930.0	2117.0
-25°	983.8	1100.9	1211.6	1296.9	1369.7	1447.9	1536.8	1637.7	1746.5	1867.8	2020.9
-27.5°	959.4	1071.3	1184.7	1277.3	1349.4	1423.9	1509.1	1603.9	1696.4	1798.4	1923.4
-30°	932.6	1042.4	1157.5	1252.7	1325.7	1399.0	1478.4	1556.4	1641.0	1734.1	1842.0
-32.5°	905.1	1011.3	1124.9	1221.3	1298.7	1370.3	1438.0	1508.1	1584.2	1668.0	1759.9
-35°	877.1	979.5	1087.7	1190.6	1268.4	1335.5	1396.8	1458.8	1525.2	1601.4	1681.7
-37.5°	848.3	944.6	1047.8	1154.1	1235.2	1296.7	1353.9	1411.1	1470.4	1532.7	1605.5
-40°	817.0	906.6	1006.0	1107.9	1197.5	1256.8	1312.2	1363.3	1416.2	1474.1	1532.7
-42.5°	783.4	869.4	961.4	1058.3	1146.2	1214.6	1269.9	1318.2	1364.1	1415.2	1468.9
-45°	749.2	829.7	914.3	1005.3	1091.5	1166.2	1223.2	1273.7	1313.5	1356.0	1404.2
-47.5°	713.4	788.4	868.0	951.1	1035.1	1110.5	1173.2	1220.2	1261.6	1299.3	1337.8
-50°	675.5	747.6	818.1	895.8	976.2	1052.6	1117.9	1164.0	1203.9	1240.7	1275.6
-52.5°	633.7	705.4	768.9	837.2	913.3	989.4	1054.0	1104.1	1143.8	1179.2	1215.5
-55°	589.9	656.9	717.6	778.6	845.1	918.5	983.4	1035.0	1082.3	1116.4	1153.6
-57.5°	543.9	604.4	661.5	718.8	777.3	839.8	903.3	960.4	1006.6	1047.9	1086.8
-60°	496.5	550.5	601.9	654.8	708.3	763.3	821.0	876.8	926.5	969.2	1004.8
-62.5°	447.9	495.8	541.9	588.0	636.0	684.8	734.8	787.3	841.7	880.8	914.5
-65°	397.4	440.1	481.9	522.6	562.1	606.2	649.4	691.1	736.8	779.1	815.8
-67.5°	345.4	383.7	421.0	457.4	492.8	529.0	565.5	602.9	638.9	673.3	706.8
-70°	296.7	327.1	359.4	391.4	422.7	452.8	483.6	514.6	545.8	576.2	605.2
-72.5°	248.1	274.5	300.2	325.1	352.7	379.7	404.6	427.2	452.9	481.0	506.9
-75°	202.4	221.8	243.0	264.0	286.0	308.3	329.9	350.7	371.0	391.8	412.5
-77.5°	158.9	175.9	191.5	205.6	220.9	239.5	257.4	274.6	291.1	306.8	321.8
-80°	116.7	130.0	143.5	155.8	167.9	179.8	191.2	202.2	212.8	224.1	236.0
-82.5°	76.9	86.9	96.6	106.1	115.3	124.2	132.8	141.0	148.9	156.4	163.6
-85°	40.2	43.6	50.0	56.3	62.5	68.4	74.1	79.6	84.9	89.9	94.6
-87.5°	20.1	21.8	23.4	25.0	26.5	28.0	29.5	30.8	32.1	33.4	34.6
-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: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	35.7	36.8	37.8	38.7	39.5	40.3	41.0	41.6	42.1	42.6	42.9
85°	99.1	103.4	107.3	111.0	114.3	115.2	115.4	115.3	114.7	116.2	117.5
82.5°	170.3	178.0	185.7	193.4	200.9	203.7	205.6	207.0	207.9	210.8	213.3
80°	247.3	259.4	270.6	280.6	289.5	295.9	301.6	306.9	311.7	314.0	315.1
77.5°	336.8	351.5	365.2	377.9	389.6	398.9	406.4	412.4	417.1	420.1	422.1
75°	433.1	451.7	468.2	483.5	497.6	507.5	514.3	519.4	522.8	526.5	529.4
72.5°	530.4	551.5	571.1	589.6	605.7	617.1	625.1	631.6	636.5	640.1	641.9
70°	632.7	657.9	679.5	698.0	712.6	723.6	732.1	739.1	744.4	748.0	750.0
67.5°	738.6	765.6	785.8	801.9	815.1	826.7	837.3	845.2	850.5	855.7	861.3
65°	846.6	874.0	894.7	911.8	925.7	940.6	954.3	964.5	971.3	977.5	983.7
62.5°	948.0	979.1	1003.1	1025.5	1048.2	1069.6	1082.1	1091.7	1098.6	1104.6	1111.8
60°	1040.2	1075.4	1104.8	1132.0	1159.7	1187.6	1199.1	1208.1	1216.6	1224.6	1231.8
57.5°	1122.1	1159.5	1195.2	1222.1	1248.6	1274.6	1292.6	1302.5	1309.1	1312.8	1315.8
55°	1193.3	1230.7	1266.4	1297.3	1326.1	1352.9	1372.9	1382.5	1389.6	1394.2	1397.0
52.5°	1257.2	1297.2	1335.3	1369.6	1400.7	1429.5	1454.5	1467.8	1478.5	1486.1	1488.6
50°	1319.8	1363.2	1404.4	1441.1	1477.2	1511.8	1543.6	1561.9	1574.9	1582.9	1585.4
47.5°	1385.3	1432.3	1476.9	1519.5	1560.6	1601.5	1639.2	1664.3	1682.9	1696.6	1706.5
45°	1453.4	1504.0	1553.3	1603.6	1650.9	1703.6	1751.3	1787.9	1814.9	1838.4	1857.1
42.5°	1522.0	1578.8	1635.5	1700.2	1764.7	1824.7	1881.5	1930.0	1974.3	2017.6	2051.4
40°	1596.6	1658.7	1736.2	1813.0	1892.6	1962.4	2045.2	2119.4	2187.4	2260.9	2321.7
37.5°	1678.1	1758.0	1849.8	1941.8	2045.2	2145.6	2261.2	2375.2	2474.2	2602.9	2706.2
35°	1766.9	1868.1	1976.5	2100.0	2233.4	2390.8	2552.7	2742.5	2903.6	3108.1	3297.0
32.5°	1865.8	1984.9	2125.4	2295.2	2475.3	2728.0	2965.1	3287.0	3562.1	3917.0	4304.8
30°	1966.3	2120.2	2311.5	2530.8	2835.2	3194.0	3612.3	4156.4	4744.9	5353.8	6173.5
27.5°	2085.6	2285.3	2524.2	2862.7	3318.2	3814.9	4667.0	5587.1	6868.8	7883.6	9690.9
25°	2214.0	2461.3	2814.1	3304.7	3934.2	4939.2	6377.5	8043.1	10608.0	12889.4	15511.3
22.5°	2366.1	2701.9	3169.0	3811.6	4908.9	6637.9	8883.1	12303.4	16105.7	19858.3	23288.3
20°	2527.2	2932.8	3586.0	4632.6	6328.5	8828.6	12834.4	17721.8	22769.5	27912.4	32246.4
17.5°	2715.2	3266.0	4126.5	5516.5	7936.1	12216.6	17566.9	23781.6	30376.1	36938.7	42639.1
15°	2876.9	3557.3	4716.1	6798.1	10406.2	15760.3	22336.2	30185.0	38477.9	46994.7	56225.3
12.5°	3083.0	3908.4	5323.5	7857.6	12597.8	19556.9	27603.0	36715.7	46842.4	58150.7	72541.0
10°	3272.1	4276.6	6122.5	9555.3	15232.2	23103.4	32152.4	42491.1	55626.4	72619.8	89978.0
7.5°	3423.7	4568.7	6742.2	10879.9	17441.5	26133.1	36248.8	48644.3	65031.6	85266.9	105099.8
5°	3529.1	4771.0	7185.6	11880.9	19218.7	28448.5	39155.8	53180.3	72959.2	95619.1	115869.9
2.5°	3595.3	4881.8	7402.6	12475.2	20377.9	29841.9	40969.5	56063.0	77818.0	102209.2	122712.4
0°	3626.7	4901.0	7264.3	12764.3	20540.5	29743.5	41135.5	57025.5	78971.0	103998.6	124419.3
-2.5°	3595.3	4881.8	7402.6	12475.2	20377.9	29841.9	40969.5	56063.0	77818.0	102209.2	122712.4
-5°	3529.1	4771.0	7185.6	11880.9	19218.7	28448.5	39155.8	53180.3	72959.2	95619.1	115869.9
-7.5°	3423.7	4568.7	6742.2	10879.9	17441.5	26133.1	36248.8	48644.3	65031.6	85266.9	105099.8
-10°	3272.1	4276.6	6122.5	9555.3	15232.2	23103.4	32152.4	42491.1	55626.4	72619.8	89978.0
-12.5°	3083.0	3908.4	5323.5	7857.6	12597.8	19556.9	27603.0	36715.7	46842.4	58150.7	72541.0
-15°	2876.9	3557.3	4716.1	6798.1	10406.2	15760.3	22336.2	30185.0	38477.9	46994.7	56225.3
-17.5°	2715.2	3266.0	4126.5	5516.5	7936.1	12216.6	17566.9	23781.6	30376.1	36938.7	42639.1
-20°	2527.2	2932.8	3586.0	4632.6	6328.5	8828.6	12834.4	17721.8	22769.5	27912.4	32246.4



REPORT NUMBER: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2366.1	2701.9	3169.0	3811.6	4908.9	6637.9	8883.1	12303.4	16105.7	19858.3	23288.3
-25°	2214.0	2461.3	2814.1	3304.7	3934.2	4939.2	6377.5	8043.1	10608.0	12889.4	15511.3
-27.5°	2085.6	2285.3	2524.2	2862.7	3318.2	3814.9	4667.0	5587.1	6868.8	7883.6	9690.9
-30°	1966.3	2120.2	2311.5	2530.8	2835.2	3194.0	3612.3	4156.4	4744.9	5353.8	6173.5
-32.5°	1865.8	1984.9	2125.4	2295.2	2475.3	2728.0	2965.1	3287.0	3562.1	3917.0	4304.8
-35°	1766.9	1868.1	1976.5	2100.0	2233.4	2390.8	2552.7	2742.5	2903.6	3108.1	3297.0
-37.5°	1678.1	1758.0	1849.8	1941.8	2045.2	2145.6	2261.2	2375.2	2474.2	2602.9	2706.2
-40°	1596.6	1658.7	1736.2	1813.0	1892.6	1962.4	2045.2	2119.4	2187.4	2260.9	2321.7
-42.5°	1522.0	1578.8	1635.5	1700.2	1764.7	1824.7	1881.5	1930.0	1974.3	2017.6	2051.4
-45°	1453.4	1504.0	1553.3	1603.6	1650.9	1703.6	1751.3	1787.9	1814.9	1838.4	1857.1
-47.5°	1385.3	1432.3	1476.9	1519.5	1560.6	1601.5	1639.2	1664.3	1682.9	1696.6	1706.5
-50°	1319.8	1363.2	1404.4	1441.1	1477.2	1511.8	1543.6	1561.9	1574.9	1582.9	1585.4
-52.5°	1257.2	1297.2	1335.3	1369.6	1400.7	1429.5	1454.5	1467.8	1478.5	1486.1	1488.6
-55°	1193.3	1230.7	1266.4	1297.3	1326.1	1352.9	1372.9	1382.5	1389.6	1394.2	1397.0
-57.5°	1122.1	1159.5	1195.2	1222.1	1248.6	1274.6	1292.6	1302.5	1309.1	1312.8	1315.8
-60°	1040.2	1075.4	1104.8	1132.0	1159.7	1187.6	1199.1	1208.1	1216.6	1224.6	1231.8
-62.5°	948.0	979.1	1003.1	1025.5	1048.2	1069.6	1082.1	1091.7	1098.6	1104.6	1111.8
-65°	846.6	874.0	894.7	911.8	925.7	940.6	954.3	964.5	971.3	977.5	983.7
-67.5°	738.6	765.6	785.8	801.9	815.1	826.7	837.3	845.2	850.5	855.7	861.3
-70°	632.7	657.9	679.5	698.0	712.6	723.6	732.1	739.1	744.4	748.0	750.0
-72.5°	530.4	551.5	571.1	589.6	605.7	617.1	625.1	631.6	636.5	640.1	641.9
-75°	433.1	451.7	468.2	483.5	497.6	507.5	514.3	519.4	522.8	526.5	529.4
-77.5°	336.8	351.5	365.2	377.9	389.6	398.9	406.4	412.4	417.1	420.1	422.1
-80°	247.3	259.4	270.6	280.6	289.5	295.9	301.6	306.9	311.7	314.0	315.1
-82.5°	170.3	178.0	185.7	193.4	200.9	203.7	205.6	207.0	207.9	210.8	213.3
-85°	99.1	103.4	107.3	111.0	114.3	115.2	115.4	115.3	114.7	116.2	117.5
-87.5°	35.7	36.8	37.8	38.7	39.5	40.3	41.0	41.6	42.1	42.6	42.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	43.2	43.4	43.6	43.6	43.6	43.4	43.2	42.9	42.6	42.1	41.6
85°	118.5	119.2	119.7	119.8	119.7	119.2	118.5	117.5	116.2	114.7	115.3
82.5°	215.3	216.7	217.5	217.8	217.5	216.7	215.3	213.3	210.8	207.9	207.0
80°	315.2	314.4	315.4	315.8	315.4	314.4	315.2	315.1	314.0	311.7	306.9
77.5°	423.0	422.8	424.3	424.8	424.3	422.8	423.0	422.1	420.1	417.1	412.4
75°	531.0	531.3	533.1	533.7	533.1	531.3	531.0	529.4	526.5	522.8	519.4
72.5°	641.9	640.1	641.9	642.6	641.9	640.1	641.9	641.9	640.1	636.5	631.6
70°	750.2	748.7	755.7	762.4	755.7	748.7	750.2	750.0	748.0	744.4	739.1
67.5°	865.2	867.4	875.2	882.2	875.2	867.4	865.2	861.3	855.7	850.5	845.2
65°	986.9	987.3	994.8	1002.0	994.8	987.3	986.9	983.7	977.5	971.3	964.5
62.5°	1116.0	1117.2	1125.1	1132.7	1125.1	1117.2	1116.0	1111.8	1104.6	1098.6	1091.7
60°	1236.0	1237.2	1240.1	1241.6	1240.1	1237.2	1236.0	1231.8	1224.6	1216.6	1208.1
57.5°	1316.7	1315.6	1316.7	1317.8	1316.7	1315.6	1316.7	1315.8	1312.8	1309.1	1302.5
55°	1396.5	1392.9	1388.8	1383.2	1388.8	1392.9	1396.5	1397.0	1394.2	1389.6	1382.5
52.5°	1486.6	1480.9	1475.7	1470.3	1475.7	1480.9	1486.6	1488.6	1486.1	1478.5	1467.8
50°	1583.8	1578.6	1573.6	1568.3	1573.6	1578.6	1583.8	1585.4	1582.9	1574.9	1561.9
47.5°	1713.2	1715.4	1714.5	1709.9	1714.5	1715.4	1713.2	1706.5	1696.6	1682.9	1664.3
45°	1870.4	1876.7	1877.4	1873.3	1877.4	1876.7	1870.4	1857.1	1838.4	1814.9	1787.9
42.5°	2075.3	2089.1	2096.8	2102.0	2096.8	2089.1	2075.3	2051.4	2017.6	1974.3	1930.0
40°	2365.9	2394.1	2412.0	2428.7	2412.0	2394.1	2365.9	2321.7	2260.9	2187.4	2119.4
37.5°	2782.7	2833.8	2856.6	2842.6	2856.6	2833.8	2782.7	2706.2	2602.9	2474.2	2375.2
35°	3442.4	3539.4	3589.9	3594.0	3589.9	3539.4	3442.4	3297.0	3108.1	2903.6	2742.5
32.5°	4591.3	4790.0	4896.8	4911.9	4896.8	4790.0	4591.3	4304.8	3917.0	3562.1	3287.0
30°	6800.9	7206.2	7396.6	7351.5	7396.6	7206.2	6800.9	6173.5	5353.8	4744.9	4156.4
27.5°	11095.8	12106.7	12705.8	12753.4	12705.8	12106.7	11095.8	9690.9	7883.6	6868.8	5587.1
25°	17833.5	19559.2	20664.3	20682.1	20664.3	19559.2	17833.5	15511.3	12889.4	10608.0	8043.1
22.5°	26459.9	28815.6	30106.2	30331.6	30106.2	28815.6	26459.9	23288.3	19858.3	16105.7	12303.4
20°	36454.0	39587.6	41264.2	41266.2	41264.2	39587.6	36454.0	32246.4	27912.4	22769.5	17721.8
17.5°	48762.1	53850.4	57044.6	58419.6	57044.6	53850.4	48762.1	42639.1	36938.7	30376.1	23781.6
15°	65113.6	73664.3	78788.2	79711.6	78788.2	73664.3	65113.6	56225.3	46994.7	38477.9	30185.0
12.5°	85023.4	95844.6	103118.7	105784.8	103118.7	95844.6	85023.4	72541.0	58150.7	46842.4	36715.7
10°	105811.0	115837.5	123630.3	126249.0	123630.3	115837.5	105811.0	89978.0	72619.8	55626.4	42491.1
7.5°	120828.4	132784.6	141562.6	145417.3	141562.6	132784.6	120828.4	105099.8	85266.9	65031.6	48644.3
5°	132683.1	146830.2	155001.5	158628.1	155001.5	146830.2	132683.1	115869.9	95619.1	72959.2	53180.3
2.5°	140461.3	154440.0	163092.9	166437.0	163092.9	154440.0	140461.3	122712.4	102209.2	77818.0	56063.0
0°	143369.8	157038.0	165587.5	169671.7	165587.5	157038.0	143369.8	124419.3	103998.6	78971.0	57025.5
-2.5°	140461.3	154440.0	163092.9	166437.0	163092.9	154440.0	140461.3	122712.4	102209.2	77818.0	56063.0
-5°	132683.1	146830.2	155001.5	158628.1	155001.5	146830.2	132683.1	115869.9	95619.1	72959.2	53180.3
-7.5°	120828.4	132784.6	141562.6	145417.3	141562.6	132784.6	120828.4	105099.8	85266.9	65031.6	48644.3
-10°	105811.0	115837.5	123630.3	126249.0	123630.3	115837.5	105811.0	89978.0	72619.8	55626.4	42491.1
-12.5°	85023.4	95844.6	103118.7	105784.8	103118.7	95844.6	85023.4	72541.0	58150.7	46842.4	36715.7
-15°	65113.6	73664.3	78788.2	79711.6	78788.2	73664.3	65113.6	56225.3	46994.7	38477.9	30185.0
-17.5°	48762.1	53850.4	57044.6	58419.6	57044.6	53850.4	48762.1	42639.1	36938.7	30376.1	23781.6
-20°	36454.0	39587.6	41264.2	41266.2	41264.2	39587.6	36454.0	32246.4	27912.4	22769.5	17721.8



REPORT NUMBER: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	26459.9	28815.6	30106.2	30331.6	30106.2	28815.6	26459.9	23288.3	19858.3	16105.7	12303.4
-25°	17833.5	19559.2	20664.3	20682.1	20664.3	19559.2	17833.5	15511.3	12889.4	10608.0	8043.1
-27.5°	11095.8	12106.7	12705.8	12753.4	12705.8	12106.7	11095.8	9690.9	7883.6	6868.8	5587.1
-30°	6800.9	7206.2	7396.6	7351.5	7396.6	7206.2	6800.9	6173.5	5353.8	4744.9	4156.4
-32.5°	4591.3	4790.0	4896.8	4911.9	4896.8	4790.0	4591.3	4304.8	3917.0	3562.1	3287.0
-35°	3442.4	3539.4	3589.9	3594.0	3589.9	3539.4	3442.4	3297.0	3108.1	2903.6	2742.5
-37.5°	2782.7	2833.8	2856.6	2842.6	2856.6	2833.8	2782.7	2706.2	2602.9	2474.2	2375.2
-40°	2365.9	2394.1	2412.0	2428.7	2412.0	2394.1	2365.9	2321.7	2260.9	2187.4	2119.4
-42.5°	2075.3	2089.1	2096.8	2102.0	2096.8	2089.1	2075.3	2051.4	2017.6	1974.3	1930.0
-45°	1870.4	1876.7	1877.4	1873.3	1877.4	1876.7	1870.4	1857.1	1838.4	1814.9	1787.9
-47.5°	1713.2	1715.4	1714.5	1709.9	1714.5	1715.4	1713.2	1706.5	1696.6	1682.9	1664.3
-50°	1583.8	1578.6	1573.6	1568.3	1573.6	1578.6	1583.8	1585.4	1582.9	1574.9	1561.9
-52.5°	1486.6	1480.9	1475.7	1470.3	1475.7	1480.9	1486.6	1488.6	1486.1	1478.5	1467.8
-55°	1396.5	1392.9	1388.8	1383.2	1388.8	1392.9	1396.5	1397.0	1394.2	1389.6	1382.5
-57.5°	1316.7	1315.6	1316.7	1317.8	1316.7	1315.6	1316.7	1315.8	1312.8	1309.1	1302.5
-60°	1236.0	1237.2	1240.1	1241.6	1240.1	1237.2	1236.0	1231.8	1224.6	1216.6	1208.1
-62.5°	1116.0	1117.2	1125.1	1132.7	1125.1	1117.2	1116.0	1111.8	1104.6	1098.6	1091.7
-65°	986.9	987.3	994.8	1002.0	994.8	987.3	986.9	983.7	977.5	971.3	964.5
-67.5°	865.2	867.4	875.2	882.2	875.2	867.4	865.2	861.3	855.7	850.5	845.2
-70°	750.2	748.7	755.7	762.4	755.7	748.7	750.2	750.0	748.0	744.4	739.1
-72.5°	641.9	640.1	641.9	642.6	641.9	640.1	641.9	641.9	640.1	636.5	631.6
-75°	531.0	531.3	533.1	533.7	533.1	531.3	531.0	529.4	526.5	522.8	519.4
-77.5°	423.0	422.8	424.3	424.8	424.3	422.8	423.0	422.1	420.1	417.1	412.4
-80°	315.2	314.4	315.4	315.8	315.4	314.4	315.2	315.1	314.0	311.7	306.9
-82.5°	215.3	216.7	217.5	217.8	217.5	216.7	215.3	213.3	210.8	207.9	207.0
-85°	118.5	119.2	119.7	119.8	119.7	119.2	118.5	117.5	116.2	114.7	115.3
-87.5°	43.2	43.4	43.6	43.6	43.6	43.4	43.2	42.9	42.6	42.1	41.6
-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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CATALOG NUMBER: GFLD-SA6E-750-U-MR-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°	41.0	40.3	39.5	38.7	37.8	36.8	35.7	34.6	33.4	32.1	30.8
85°	115.4	115.2	114.3	111.0	107.3	103.4	99.1	94.6	89.9	84.9	79.6
82.5°	205.6	203.7	200.9	193.4	185.7	178.0	170.3	163.6	156.4	148.9	141.0
80°	301.6	295.9	289.5	280.6	270.6	259.4	247.3	236.0	224.1	212.8	202.2
77.5°	406.4	398.9	389.6	377.9	365.2	351.5	336.8	321.8	306.8	291.1	274.6
75°	514.3	507.5	497.6	483.5	468.2	451.7	433.1	412.5	391.8	371.0	350.7
72.5°	625.1	617.1	605.7	589.6	571.1	551.5	530.4	506.9	481.0	452.9	427.2
70°	732.1	723.6	712.6	698.0	679.5	657.9	632.7	605.2	576.2	545.8	514.6
67.5°	837.3	826.7	815.1	801.9	785.8	765.6	738.6	706.8	673.3	638.9	602.9
65°	954.3	940.6	925.7	911.8	894.7	874.0	846.6	815.8	779.1	736.8	691.1
62.5°	1082.1	1069.6	1048.2	1025.5	1003.1	979.1	948.0	914.5	880.8	841.7	787.3
60°	1199.1	1187.6	1159.7	1132.0	1104.8	1075.4	1040.2	1004.8	969.2	926.5	876.8
57.5°	1292.6	1274.6	1248.6	1222.1	1195.2	1159.5	1122.1	1086.8	1047.9	1006.6	960.4
55°	1372.9	1352.9	1326.1	1297.3	1266.4	1230.7	1193.3	1153.6	1116.4	1082.3	1035.0
52.5°	1454.5	1429.5	1400.7	1369.6	1335.3	1297.2	1257.2	1215.5	1179.2	1143.8	1104.1
50°	1543.6	1511.8	1477.2	1441.1	1404.4	1363.2	1319.8	1275.6	1240.7	1203.9	1164.0
47.5°	1639.2	1601.5	1560.6	1519.5	1476.9	1432.3	1385.3	1337.8	1299.3	1261.6	1220.2
45°	1751.3	1703.6	1650.9	1603.6	1553.3	1504.0	1453.4	1404.2	1356.0	1313.5	1273.7
42.5°	1881.5	1824.7	1764.7	1700.2	1635.5	1578.8	1522.0	1468.9	1415.2	1364.1	1318.2
40°	2045.2	1962.4	1892.6	1813.0	1736.2	1658.7	1596.6	1532.7	1474.1	1416.2	1363.3
37.5°	2261.2	2145.6	2045.2	1941.8	1849.8	1758.0	1678.1	1605.5	1532.7	1470.4	1411.1
35°	2552.7	2390.8	2233.4	2100.0	1976.5	1868.1	1766.9	1681.7	1601.4	1525.2	1458.8
32.5°	2965.1	2728.0	2475.3	2295.2	2125.4	1984.9	1865.8	1759.9	1668.0	1584.2	1508.1
30°	3612.3	3194.0	2835.2	2530.8	2311.5	2120.2	1966.3	1842.0	1734.1	1641.0	1556.4
27.5°	4667.0	3814.9	3318.2	2862.7	2524.2	2285.3	2085.6	1923.4	1798.4	1696.4	1603.9
25°	6377.5	4939.2	3934.2	3304.7	2814.1	2461.3	2214.0	2020.9	1867.8	1746.5	1637.7
22.5°	8883.1	6637.9	4908.9	3811.6	3169.0	2701.9	2366.1	2117.0	1930.0	1789.4	1671.2
20°	12834.4	8828.6	6328.5	4632.6	3586.0	2932.8	2527.2	2229.8	2006.2	1835.8	1700.8
17.5°	17566.9	12216.6	7936.1	5516.5	4126.5	3266.0	2715.2	2338.0	2073.4	1877.5	1725.7
15°	22336.2	15760.3	10406.2	6798.1	4716.1	3557.3	2876.9	2431.5	2139.2	1923.3	1757.1
12.5°	27603.0	19556.9	12597.8	7857.6	5323.5	3908.4	3083.0	2557.5	2210.9	1969.0	1787.3
10°	32152.4	23103.4	15232.2	9555.3	6122.5	4276.6	3272.1	2665.4	2270.9	2006.0	1810.9
7.5°	36248.8	26133.1	17441.5	10879.9	6742.2	4568.7	3423.7	2751.4	2315.9	2033.1	1827.6
5°	39155.8	28448.5	19218.7	11880.9	7185.6	4771.0	3529.1	2812.2	2345.6	2050.0	1837.2
2.5°	40969.5	29841.9	20377.9	12475.2	7402.6	4881.8	3595.3	2846.8	2370.7	2068.8	1842.6
0°	41135.5	29743.5	20540.5	12764.3	7264.3	4901.0	3626.7	2853.5	2385.1	2080.2	1840.6
-2.5°	40969.5	29841.9	20377.9	12475.2	7402.6	4881.8	3595.3	2846.8	2370.7	2068.8	1842.6
-5°	39155.8	28448.5	19218.7	11880.9	7185.6	4771.0	3529.1	2812.2	2345.6	2050.0	1837.2
-7.5°	36248.8	26133.1	17441.5	10879.9	6742.2	4568.7	3423.7	2751.4	2315.9	2033.1	1827.6
-10°	32152.4	23103.4	15232.2	9555.3	6122.5	4276.6	3272.1	2665.4	2270.9	2006.0	1810.9
-12.5°	27603.0	19556.9	12597.8	7857.6	5323.5	3908.4	3083.0	2557.5	2210.9	1969.0	1787.3
-15°	22336.2	15760.3	10406.2	6798.1	4716.1	3557.3	2876.9	2431.5	2139.2	1923.3	1757.1
-17.5°	17566.9	12216.6	7936.1	5516.5	4126.5	3266.0	2715.2	2338.0	2073.4	1877.5	1725.7
-20°	12834.4	8828.6	6328.5	4632.6	3586.0	2932.8	2527.2	2229.8	2006.2	1835.8	1700.8



REPORT NUMBER: P628015 (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°	8883.1	6637.9	4908.9	3811.6	3169.0	2701.9	2366.1	2117.0	1930.0	1789.4	1671.2
-25°	6377.5	4939.2	3934.2	3304.7	2814.1	2461.3	2214.0	2020.9	1867.8	1746.5	1637.7
-27.5°	4667.0	3814.9	3318.2	2862.7	2524.2	2285.3	2085.6	1923.4	1798.4	1696.4	1603.9
-30°	3612.3	3194.0	2835.2	2530.8	2311.5	2120.2	1966.3	1842.0	1734.1	1641.0	1556.4
-32.5°	2965.1	2728.0	2475.3	2295.2	2125.4	1984.9	1865.8	1759.9	1668.0	1584.2	1508.1
-35°	2552.7	2390.8	2233.4	2100.0	1976.5	1868.1	1766.9	1681.7	1601.4	1525.2	1458.8
-37.5°	2261.2	2145.6	2045.2	1941.8	1849.8	1758.0	1678.1	1605.5	1532.7	1470.4	1411.1
-40°	2045.2	1962.4	1892.6	1813.0	1736.2	1658.7	1596.6	1532.7	1474.1	1416.2	1363.3
-42.5°	1881.5	1824.7	1764.7	1700.2	1635.5	1578.8	1522.0	1468.9	1415.2	1364.1	1318.2
-45°	1751.3	1703.6	1650.9	1603.6	1553.3	1504.0	1453.4	1404.2	1356.0	1313.5	1273.7
-47.5°	1639.2	1601.5	1560.6	1519.5	1476.9	1432.3	1385.3	1337.8	1299.3	1261.6	1220.2
-50°	1543.6	1511.8	1477.2	1441.1	1404.4	1363.2	1319.8	1275.6	1240.7	1203.9	1164.0
-52.5°	1454.5	1429.5	1400.7	1369.6	1335.3	1297.2	1257.2	1215.5	1179.2	1143.8	1104.1
-55°	1372.9	1352.9	1326.1	1297.3	1266.4	1230.7	1193.3	1153.6	1116.4	1082.3	1035.0
-57.5°	1292.6	1274.6	1248.6	1222.1	1195.2	1159.5	1122.1	1086.8	1047.9	1006.6	960.4
-60°	1199.1	1187.6	1159.7	1132.0	1104.8	1075.4	1040.2	1004.8	969.2	926.5	876.8
-62.5°	1082.1	1069.6	1048.2	1025.5	1003.1	979.1	948.0	914.5	880.8	841.7	787.3
-65°	954.3	940.6	925.7	911.8	894.7	874.0	846.6	815.8	779.1	736.8	691.1
-67.5°	837.3	826.7	815.1	801.9	785.8	765.6	738.6	706.8	673.3	638.9	602.9
-70°	732.1	723.6	712.6	698.0	679.5	657.9	632.7	605.2	576.2	545.8	514.6
-72.5°	625.1	617.1	605.7	589.6	571.1	551.5	530.4	506.9	481.0	452.9	427.2
-75°	514.3	507.5	497.6	483.5	468.2	451.7	433.1	412.5	391.8	371.0	350.7
-77.5°	406.4	398.9	389.6	377.9	365.2	351.5	336.8	321.8	306.8	291.1	274.6
-80°	301.6	295.9	289.5	280.6	270.6	259.4	247.3	236.0	224.1	212.8	202.2
-82.5°	205.6	203.7	200.9	193.4	185.7	178.0	170.3	163.6	156.4	148.9	141.0
-85°	115.4	115.2	114.3	111.0	107.3	103.4	99.1	94.6	89.9	84.9	79.6
-87.5°	41.0	40.3	39.5	38.7	37.8	36.8	35.7	34.6	33.4	32.1	30.8
-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: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	29.5	28.0	26.5	25.0	23.4	21.8	20.1	18.4	16.7	14.9	13.1
85°	74.1	68.4	62.5	56.3	50.0	43.6	40.2	36.8	33.3	29.8	26.2
82.5°	132.8	124.2	115.3	106.1	96.6	86.9	76.9	66.6	55.8	45.5	39.2
80°	191.2	179.8	167.9	155.8	143.5	130.0	116.7	102.9	87.6	73.0	59.1
77.5°	257.4	239.5	220.9	205.6	191.5	175.9	158.9	139.9	119.1	100.3	82.3
75°	329.9	308.3	286.0	264.0	243.0	221.8	202.4	180.0	154.0	127.6	105.1
72.5°	404.6	379.7	352.7	325.1	300.2	274.5	248.1	219.8	190.0	159.7	129.1
70°	483.6	452.8	422.7	391.4	359.4	327.1	296.7	262.6	225.5	191.4	156.8
67.5°	565.5	529.0	492.8	457.4	421.0	383.7	345.4	305.6	264.4	222.6	184.2
65°	649.4	606.2	562.1	522.6	481.9	440.1	397.4	348.9	302.6	256.7	211.0
62.5°	734.8	684.8	636.0	588.0	541.9	495.8	447.9	393.5	340.5	290.1	239.4
60°	821.0	763.3	708.3	654.8	601.9	550.5	496.5	436.8	378.9	322.7	268.1
57.5°	903.3	839.8	777.3	718.8	661.5	604.4	543.9	479.6	416.1	355.1	296.0
55°	983.4	918.5	845.1	778.6	717.6	656.9	589.9	521.7	452.4	386.6	323.2
52.5°	1054.0	989.4	913.3	837.2	768.9	705.4	633.7	562.6	489.1	416.8	349.5
50°	1117.9	1052.6	976.2	895.8	818.1	747.6	675.5	600.3	524.7	446.4	375.0
47.5°	1173.2	1110.5	1035.1	951.1	868.0	788.4	713.4	636.1	558.9	476.8	399.6
45°	1223.2	1166.2	1091.5	1005.3	914.3	829.7	749.2	669.9	589.2	506.3	423.2
42.5°	1269.9	1214.6	1146.2	1058.3	961.4	869.4	783.4	701.0	617.7	534.1	446.8
40°	1312.2	1256.8	1197.5	1107.9	1006.0	906.6	817.0	730.4	644.4	559.7	469.7
37.5°	1353.9	1296.7	1235.2	1154.1	1047.8	944.6	848.3	758.2	670.1	582.4	491.2
35°	1396.8	1335.5	1268.4	1190.6	1087.7	979.5	877.1	784.3	694.3	603.8	511.2
32.5°	1438.0	1370.3	1298.7	1221.3	1124.9	1011.3	905.1	809.7	717.0	623.8	529.7
30°	1478.4	1399.0	1325.7	1252.7	1157.5	1042.4	932.6	833.2	738.0	642.4	546.4
27.5°	1509.1	1423.9	1349.4	1277.3	1184.7	1071.3	959.4	854.9	757.4	659.5	561.3
25°	1536.8	1447.9	1369.7	1296.9	1211.6	1100.9	983.8	874.8	775.0	675.1	574.8
22.5°	1564.4	1468.8	1386.7	1313.5	1237.0	1127.7	1007.0	894.7	790.9	689.1	587.0
20°	1588.3	1485.6	1400.7	1328.8	1253.9	1148.6	1028.7	912.3	805.0	701.5	597.8
17.5°	1608.7	1502.7	1415.5	1341.3	1265.6	1166.3	1047.7	927.7	817.3	712.3	607.2
15°	1629.6	1520.4	1428.1	1350.9	1275.7	1180.7	1063.8	940.8	827.7	721.4	615.8
12.5°	1647.3	1533.6	1437.8	1357.9	1284.2	1192.0	1077.2	951.6	836.2	730.0	624.0
10°	1661.3	1542.2	1444.7	1362.2	1290.8	1200.2	1087.6	961.6	846.4	737.7	630.7
7.5°	1671.0	1546.6	1448.7	1364.0	1295.6	1207.5	1097.8	972.6	855.4	743.7	635.9
5°	1677.6	1548.5	1451.2	1368.1	1298.3	1214.3	1105.2	981.2	862.6	748.0	639.6
2.5°	1685.4	1549.3	1451.3	1371.2	1298.4	1218.4	1109.5	987.3	868.0	750.6	641.9
0°	1688.1	1546.5	1448.5	1372.3	1296.0	1219.8	1110.9	991.1	871.3	751.5	642.6
-2.5°	1685.4	1549.3	1451.3	1371.2	1298.4	1218.4	1109.5	987.3	868.0	750.6	641.9
-5°	1677.6	1548.5	1451.2	1368.1	1298.3	1214.3	1105.2	981.2	862.6	748.0	639.6
-7.5°	1671.0	1546.6	1448.7	1364.0	1295.6	1207.5	1097.8	972.6	855.4	743.7	635.9
-10°	1661.3	1542.2	1444.7	1362.2	1290.8	1200.2	1087.6	961.6	846.4	737.7	630.7
-12.5°	1647.3	1533.6	1437.8	1357.9	1284.2	1192.0	1077.2	951.6	836.2	730.0	624.0
-15°	1629.6	1520.4	1428.1	1350.9	1275.7	1180.7	1063.8	940.8	827.7	721.4	615.8
-17.5°	1608.7	1502.7	1415.5	1341.3	1265.6	1166.3	1047.7	927.7	817.3	712.3	607.2
-20°	1588.3	1485.6	1400.7	1328.8	1253.9	1148.6	1028.7	912.3	805.0	701.5	597.8

Classified

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

Scaled Data Report



REPORT NUMBER: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	1564.4	1468.8	1386.7	1313.5	1237.0	1127.7	1007.0	894.7	790.9	689.1	587.0
-25°	1536.8	1447.9	1369.7	1296.9	1211.6	1100.9	983.8	874.8	775.0	675.1	574.8
-27.5°	1509.1	1423.9	1349.4	1277.3	1184.7	1071.3	959.4	854.9	757.4	659.5	561.3
-30°	1478.4	1399.0	1325.7	1252.7	1157.5	1042.4	932.6	833.2	738.0	642.4	546.4
-32.5°	1438.0	1370.3	1298.7	1221.3	1124.9	1011.3	905.1	809.7	717.0	623.8	529.7
-35°	1396.8	1335.5	1268.4	1190.6	1087.7	979.5	877.1	784.3	694.3	603.8	511.2
-37.5°	1353.9	1296.7	1235.2	1154.1	1047.8	944.6	848.3	758.2	670.1	582.4	491.2
-40°	1312.2	1256.8	1197.5	1107.9	1006.0	906.6	817.0	730.4	644.4	559.7	469.7
-42.5°	1269.9	1214.6	1146.2	1058.3	961.4	869.4	783.4	701.0	617.7	534.1	446.8
-45°	1223.2	1166.2	1091.5	1005.3	914.3	829.7	749.2	669.9	589.2	506.3	423.2
-47.5°	1173.2	1110.5	1035.1	951.1	868.0	788.4	713.4	636.1	558.9	476.8	399.6
-50°	1117.9	1052.6	976.2	895.8	818.1	747.6	675.5	600.3	524.7	446.4	375.0
-52.5°	1054.0	989.4	913.3	837.2	768.9	705.4	633.7	562.6	489.1	416.8	349.5
-55°	983.4	918.5	845.1	778.6	717.6	656.9	589.9	521.7	452.4	386.6	323.2
-57.5°	903.3	839.8	777.3	718.8	661.5	604.4	543.9	479.6	416.1	355.1	296.0
-60°	821.0	763.3	708.3	654.8	601.9	550.5	496.5	436.8	378.9	322.7	268.1
-62.5°	734.8	684.8	636.0	588.0	541.9	495.8	447.9	393.5	340.5	290.1	239.4
-65°	649.4	606.2	562.1	522.6	481.9	440.1	397.4	348.9	302.6	256.7	211.0
-67.5°	565.5	529.0	492.8	457.4	421.0	383.7	345.4	305.6	264.4	222.6	184.2
-70°	483.6	452.8	422.7	391.4	359.4	327.1	296.7	262.6	225.5	191.4	156.8
-72.5°	404.6	379.7	352.7	325.1	300.2	274.5	248.1	219.8	190.0	159.7	129.1
-75°	329.9	308.3	286.0	264.0	243.0	221.8	202.4	180.0	154.0	127.6	105.1
-77.5°	257.4	239.5	220.9	205.6	191.5	175.9	158.9	139.9	119.1	100.3	82.3
-80°	191.2	179.8	167.9	155.8	143.5	130.0	116.7	102.9	87.6	73.0	59.1
-82.5°	132.8	124.2	115.3	106.1	96.6	86.9	76.9	66.6	55.8	45.5	39.2
-85°	74.1	68.4	62.5	56.3	50.0	43.6	40.2	36.8	33.3	29.8	26.2
-87.5°	29.5	28.0	26.5	25.0	23.4	21.8	20.1	18.4	16.7	14.9	13.1
-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: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	11.3	9.4	7.6	5.7	3.8	1.9	0.0
85°	22.5	18.9	15.1	11.4	7.6	3.8	0.0
82.5°	33.8	28.2	22.7	17.0	11.4	5.7	0.0
80°	45.9	37.6	30.1	22.7	15.1	7.6	0.0
77.5°	65.3	49.2	37.6	28.2	18.9	9.4	0.0
75°	84.5	65.3	45.9	33.8	22.5	11.3	0.0
72.5°	103.5	81.1	58.6	39.2	26.2	13.1	0.0
70°	122.9	96.8	71.2	45.4	29.8	14.9	0.0
67.5°	146.6	112.2	83.5	54.7	33.3	16.7	0.0
65°	170.0	129.5	95.7	63.8	36.8	18.4	0.0
62.5°	192.9	148.6	107.6	72.7	40.2	20.1	0.0
60°	215.3	167.3	119.2	81.5	43.6	21.8	0.0
57.5°	238.8	185.6	133.7	90.0	49.2	23.4	0.0
55°	261.8	203.3	147.9	98.3	54.7	25.0	0.0
52.5°	283.9	220.8	161.7	106.3	60.1	26.5	0.0
50°	305.2	238.3	175.0	114.1	65.3	28.0	0.0
47.5°	325.6	255.1	187.9	122.1	70.3	29.5	0.0
45°	345.8	271.1	200.3	131.4	75.1	30.8	0.0
42.5°	365.1	286.3	212.1	140.3	79.7	32.1	0.0
40°	383.6	300.7	223.5	148.6	84.1	33.4	0.0
37.5°	401.0	314.2	234.4	156.5	88.3	34.6	0.0
35°	417.5	327.5	244.6	163.7	92.2	35.7	0.0
32.5°	433.1	340.3	254.1	170.5	95.9	36.8	0.0
30°	447.9	352.3	262.9	176.6	99.3	37.8	0.0
27.5°	461.3	363.3	270.8	182.2	102.5	38.7	0.0
25°	473.5	373.4	278.1	187.3	105.5	39.5	0.0
22.5°	484.3	382.5	284.9	191.8	108.2	40.3	0.0
20°	493.9	390.4	291.1	195.7	110.6	41.0	0.0
17.5°	502.6	397.2	296.7	199.0	112.7	41.6	0.0
15°	510.5	402.9	301.6	201.8	114.6	42.1	0.0
12.5°	517.3	407.4	305.8	204.0	116.2	42.6	0.0
10°	523.1	410.8	309.4	205.6	117.5	42.9	0.0
7.5°	527.6	413.1	312.1	206.7	118.5	43.2	0.0
5°	531.0	414.4	314.2	207.3	119.2	43.4	0.0
2.5°	533.0	414.6	315.4	207.4	119.7	43.6	0.0
0°	533.7	413.9	315.8	206.9	119.8	43.6	0.0
-2.5°	533.0	414.6	315.4	207.4	119.7	43.6	0.0
-5°	531.0	414.4	314.2	207.3	119.2	43.4	0.0
-7.5°	527.6	413.1	312.1	206.7	118.5	43.2	0.0
-10°	523.1	410.8	309.4	205.6	117.5	42.9	0.0
-12.5°	517.3	407.4	305.8	204.0	116.2	42.6	0.0
-15°	510.5	402.9	301.6	201.8	114.6	42.1	0.0
-17.5°	502.6	397.2	296.7	199.0	112.7	41.6	0.0
-20°	493.9	390.4	291.1	195.7	110.6	41.0	0.0

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REPORT NUMBER: P628015 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	484.3	382.5	284.9	191.8	108.2	40.3	0.0
-25°	473.5	373.4	278.1	187.3	105.5	39.5	0.0
-27.5°	461.3	363.3	270.8	182.2	102.5	38.7	0.0
-30°	447.9	352.3	262.9	176.6	99.3	37.8	0.0
-32.5°	433.1	340.3	254.1	170.5	95.9	36.8	0.0
-35°	417.5	327.5	244.6	163.7	92.2	35.7	0.0
-37.5°	401.0	314.2	234.4	156.5	88.3	34.6	0.0
-40°	383.6	300.7	223.5	148.6	84.1	33.4	0.0
-42.5°	365.1	286.3	212.1	140.3	79.7	32.1	0.0
-45°	345.8	271.1	200.3	131.4	75.1	30.8	0.0
-47.5°	325.6	255.1	187.9	122.1	70.3	29.5	0.0
-50°	305.2	238.3	175.0	114.1	65.3	28.0	0.0
-52.5°	283.9	220.8	161.7	106.3	60.1	26.5	0.0
-55°	261.8	203.3	147.9	98.3	54.7	25.0	0.0
-57.5°	238.8	185.6	133.7	90.0	49.2	23.4	0.0
-60°	215.3	167.3	119.2	81.5	43.6	21.8	0.0
-62.5°	192.9	148.6	107.6	72.7	40.2	20.1	0.0
-65°	170.0	129.5	95.7	63.8	36.8	18.4	0.0
-67.5°	146.6	112.2	83.5	54.7	33.3	16.7	0.0
-70°	122.9	96.8	71.2	45.4	29.8	14.9	0.0
-72.5°	103.5	81.1	58.6	39.2	26.2	13.1	0.0
-75°	84.5	65.3	45.9	33.8	22.5	11.3	0.0
-77.5°	65.3	49.2	37.6	28.2	18.9	9.4	0.0
-80°	45.9	37.6	30.1	22.7	15.1	7.6	0.0
-82.5°	33.8	28.2	22.7	17.0	11.4	5.7	0.0
-85°	22.5	18.9	15.1	11.4	7.6	3.8	0.0
-87.5°	11.3	9.4	7.6	5.7	3.8	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)