

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: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-750-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N151
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

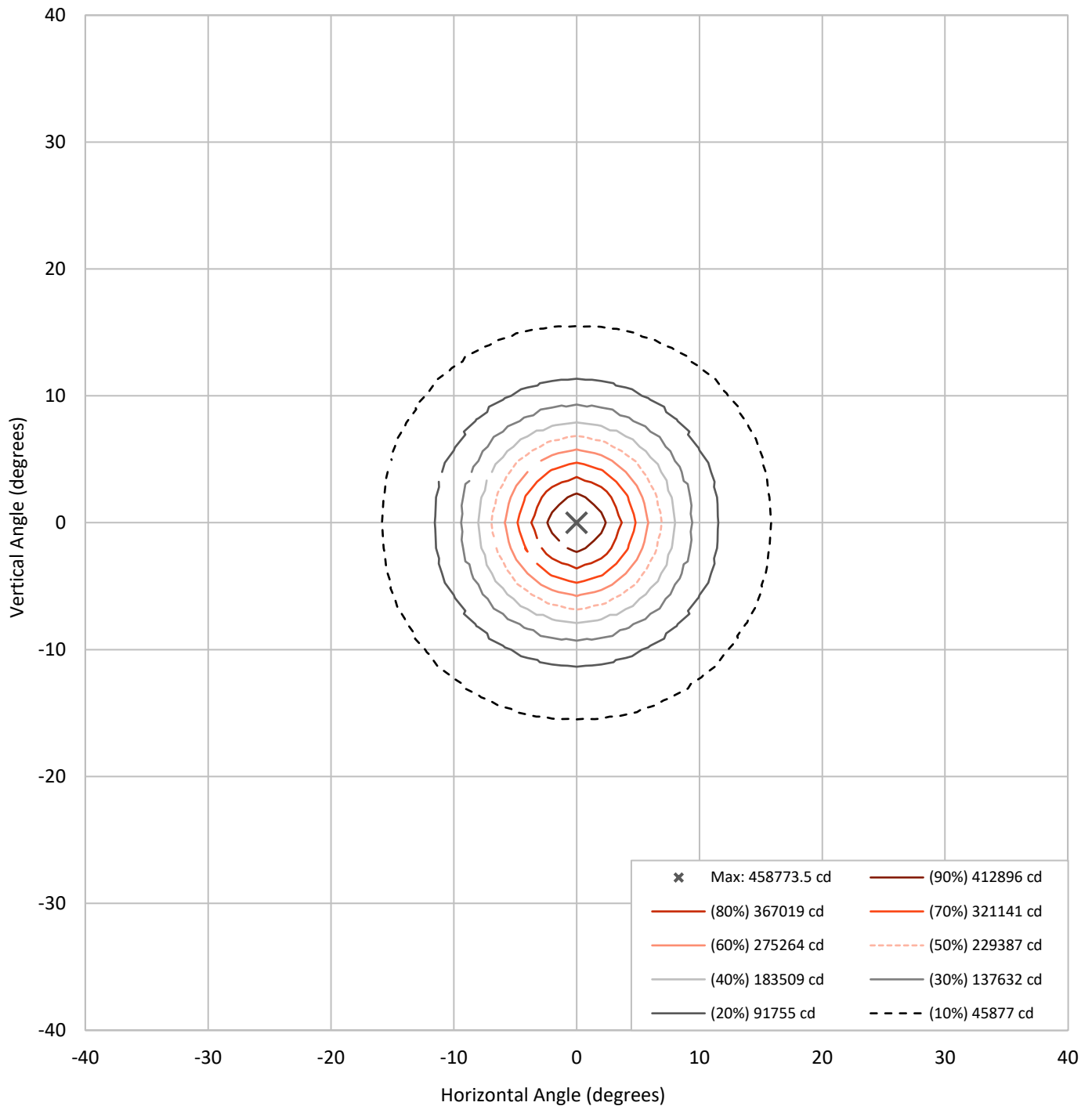
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	48715 lumens	Max Intensity:	458773.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	14402.9 lumens	Field Lumens:	32412.4 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	325.9		
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





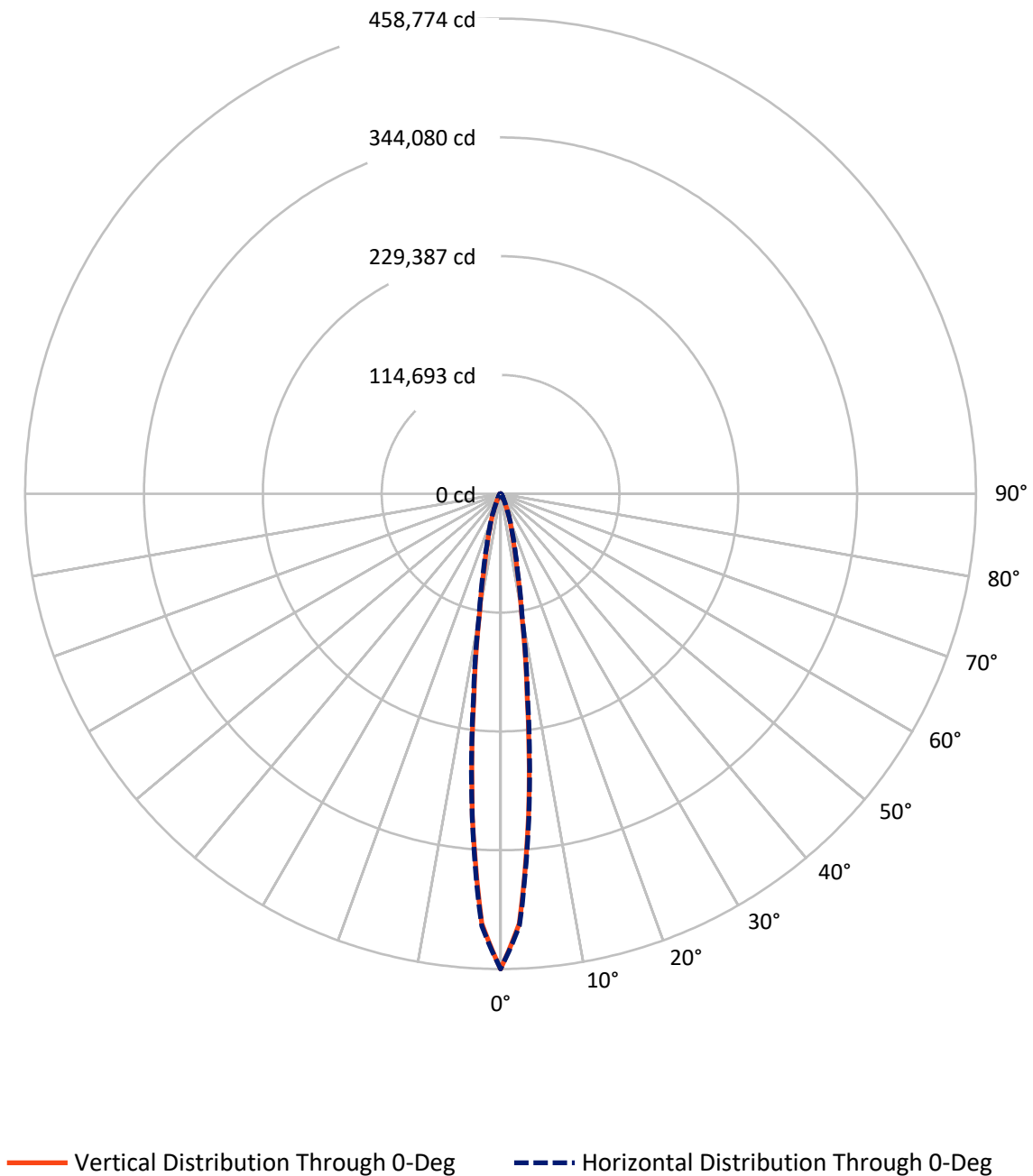
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Lumen Table

90	0.8		6.7		17.5		28.4		31.0		28.4		17.5		6.7		0.8		
80	0.8		6.7		17.5		28.4		31.0		28.4		17.5		6.7		0.8		
70	3.0	3.4	7.0	11.5	16.3	20.0	22.5	23.5	23.5	22.5	20.0	16.3	11.5	7.0	3.4	3.0			
60		5.2	10.6	17.2	23.0	28.1	31.4	32.8	32.8	31.4	28.1	23.0	17.2	10.6	5.2				
50	5.3	6.8	13.7	21.2	28.1	35.4	41.7	45.0	45.0	41.7	35.4	28.1	21.2	13.7	6.8	5.3			
40		8.2	16.1	24.4	34.6	49.8	70.2	86.9	86.9	70.2	49.8	34.6	24.4	16.1	8.2				
30	6.9	9.2	17.6	27.6	44.9	89.0	202.7	335.5	335.5	202.7	89.0	44.9	27.6	17.6	9.2	6.9			
20		9.8	18.5	30.4	59.5	189.0	671.1	1445.5	1445.5	671.1	189.0	59.5	30.4	18.5	9.8				
10	7.4	10.2	18.9	32.2	71.9	311.5	1458.9	6302.4	6302.4	1458.9	311.5	71.9	32.2	18.9	10.2	7.4			
0		10.2	18.9	32.2	71.9	311.5	1458.9	6302.4	6302.4	1458.9	311.5	71.9	32.2	18.9	10.2				
-10	6.9	9.8	18.5	30.4	59.5	189.0	671.1	1445.5	1445.5	671.1	189.0	59.5	30.4	18.5	9.8	6.9			
-20		9.2	17.6	27.6	44.9	89.0	202.7	335.5	335.5	202.7	89.0	44.9	27.6	17.6	9.2				
-30	5.3	8.2	16.1	24.4	34.6	49.8	70.2	86.9	86.9	70.2	49.8	34.6	24.4	16.1	8.2	5.3			
-40		6.8	13.7	21.2	28.1	35.4	41.7	45.0	45.0	41.7	35.4	28.1	21.2	13.7	6.8				
-50	3.0	5.2	10.6	17.2	23.0	28.1	31.4	32.8	32.8	31.4	28.1	23.0	17.2	10.6	5.2	3.0			
-60		3.4	7.0	11.5	16.3	20.0	22.5	23.5	23.5	22.5	20.0	16.3	11.5	7.0	3.4				
-70	0.8	6.7		17.5		28.4		31.0		28.4		17.5		6.7		0.8			
-80		6.7		17.5		28.4		31.0		28.4		17.5		6.7					
-90	0.8		6.7		17.5		28.4		31.0		28.4		17.5		6.7		0.8		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

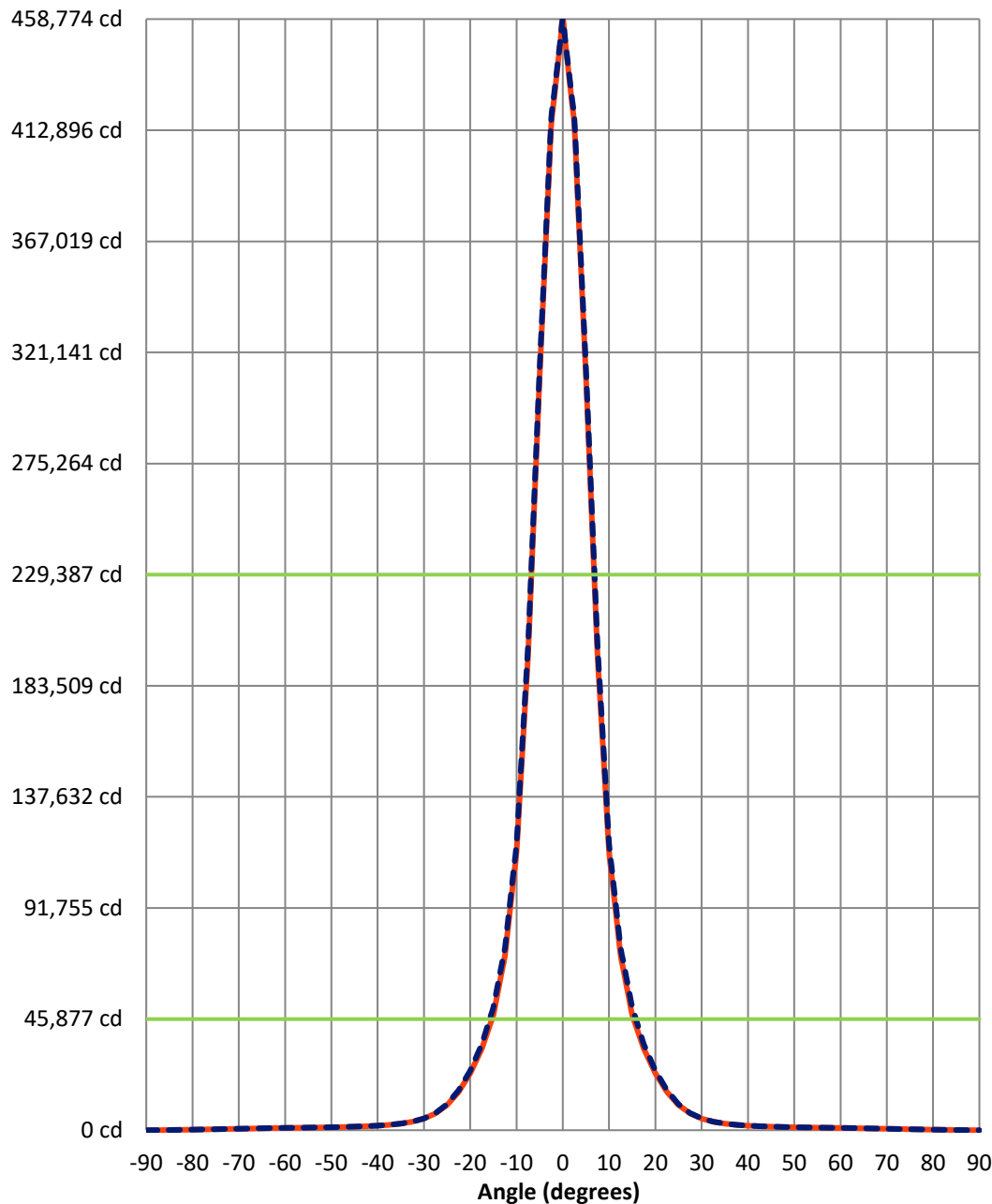
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 14402.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 32412.4
 Efficiency: 66.5%

Spill:
 Lumens: 16302.6
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.5	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
85°	0.0	3.0	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
82.5°	0.0	4.5	10.2	15.3	20.4	25.4	30.4	35.4	40.7	47.9	54.9
80°	0.0	6.0	13.6	20.4	27.2	33.9	41.1	50.9	60.7	70.2	79.6
77.5°	0.0	7.4	16.9	25.4	33.9	43.5	56.0	68.4	80.5	92.4	105.1
75°	0.0	8.9	20.1	30.4	40.9	55.3	70.7	85.6	100.5	117.1	133.5
72.5°	0.0	10.3	23.3	35.4	49.9	66.9	85.1	103.5	123.2	142.6	161.6
70°	0.0	11.7	26.5	40.5	58.7	78.3	99.6	123.2	145.6	167.8	192.6
67.5°	0.0	13.0	29.5	46.7	67.3	89.4	116.1	142.6	167.8	196.1	223.9
65°	0.0	14.3	32.4	52.8	75.7	101.6	132.2	161.6	192.6	223.9	256.8
62.5°	0.0	15.6	35.2	58.7	83.8	114.8	148.0	182.2	217.0	252.4	293.7
60°	0.0	16.9	38.0	64.5	91.7	127.6	163.4	203.2	240.9	284.1	329.6
57.5°	0.0	18.1	41.5	70.0	101.6	140.2	180.4	223.5	267.0	314.9	364.2
55°	0.0	19.2	45.0	75.4	111.4	152.3	197.1	243.1	293.0	344.5	397.6
52.5°	0.0	20.3	48.4	80.6	120.8	164.4	213.4	264.2	318.0	372.9	429.7
50°	0.0	21.4	51.7	85.5	129.9	177.5	229.1	284.8	341.9	400.1	460.4
47.5°	0.0	22.4	54.9	90.7	138.7	190.1	244.4	304.8	364.7	426.0	490.5
45°	0.0	23.3	58.0	96.9	147.1	202.1	260.8	323.9	386.6	452.5	519.9
42.5°	0.0	24.2	60.9	103.0	155.1	213.6	276.5	342.2	407.6	478.2	548.5
40°	0.0	25.0	63.8	108.8	163.3	224.6	291.4	359.7	428.2	503.0	576.3
37.5°	0.0	25.8	66.5	114.5	171.6	235.0	305.5	376.2	448.7	526.2	603.2
35°	0.0	26.5	69.2	119.8	179.4	245.6	318.9	391.8	467.9	548.0	629.1
32.5°	0.0	27.1	71.6	124.8	186.7	256.0	331.4	406.5	485.5	568.4	651.7
30°	0.0	27.7	74.0	129.5	193.5	265.6	343.0	420.2	501.6	587.4	672.2
27.5°	0.0	28.2	76.2	133.9	200.1	274.6	353.7	433.3	516.6	604.9	690.6
25°	0.0	28.6	78.2	137.9	206.2	282.7	363.5	445.0	530.6	620.2	707.0
22.5°	0.0	29.0	80.1	141.5	211.7	290.1	372.4	455.5	543.2	633.5	721.1
20°	0.0	29.3	81.8	144.8	216.8	296.4	380.4	464.6	554.5	645.0	733.9
17.5°	0.0	29.5	83.3	147.7	221.2	301.8	386.9	472.5	564.2	654.6	745.3
15°	0.0	29.7	84.6	150.2	225.1	306.3	392.3	479.4	572.5	662.5	755.0
12.5°	0.0	29.8	85.8	152.4	228.4	309.8	396.6	485.8	579.4	668.6	763.2
10°	0.0	29.9	86.8	154.1	231.1	312.5	400.0	491.2	584.8	675.1	771.0
7.5°	0.0	29.9	87.5	155.5	233.2	314.2	402.3	495.5	588.4	680.6	780.1
5°	0.0	29.8	88.1	156.5	234.7	315.1	403.6	498.7	590.4	684.7	787.4
2.5°	0.0	29.7	88.4	157.1	235.6	315.2	403.8	500.6	590.9	687.2	792.8
0°	0.0	29.5	88.5	157.3	235.9	314.5	403.0	501.3	589.8	688.1	796.2
-2.5°	0.0	29.7	88.4	157.1	235.6	315.2	403.8	500.6	590.9	687.2	792.8
-5°	0.0	29.8	88.1	156.5	234.7	315.1	403.6	498.7	590.4	684.7	787.4
-7.5°	0.0	29.9	87.5	155.5	233.2	314.2	402.3	495.5	588.4	680.6	780.1
-10°	0.0	29.9	86.8	154.1	231.1	312.5	400.0	491.2	584.8	675.1	771.0
-12.5°	0.0	29.8	85.8	152.4	228.4	309.8	396.6	485.8	579.4	668.6	763.2
-15°	0.0	29.7	84.6	150.2	225.1	306.3	392.3	479.4	572.5	662.5	755.0
-17.5°	0.0	29.5	83.3	147.7	221.2	301.8	386.9	472.5	564.2	654.6	745.3
-20°	0.0	29.3	81.8	144.8	216.8	296.4	380.4	464.6	554.5	645.0	733.9

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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	29.0	80.1	141.5	211.7	290.1	372.4	455.5	543.2	633.5	721.1
-25°	0.0	28.6	78.2	137.9	206.2	282.7	363.5	445.0	530.6	620.2	707.0
-27.5°	0.0	28.2	76.2	133.9	200.1	274.6	353.7	433.3	516.6	604.9	690.6
-30°	0.0	27.7	74.0	129.5	193.5	265.6	343.0	420.2	501.6	587.4	672.2
-32.5°	0.0	27.1	71.6	124.8	186.7	256.0	331.4	406.5	485.5	568.4	651.7
-35°	0.0	26.5	69.2	119.8	179.4	245.6	318.9	391.8	467.9	548.0	629.1
-37.5°	0.0	25.8	66.5	114.5	171.6	235.0	305.5	376.2	448.7	526.2	603.2
-40°	0.0	25.0	63.8	108.8	163.3	224.6	291.4	359.7	428.2	503.0	576.3
-42.5°	0.0	24.2	60.9	103.0	155.1	213.6	276.5	342.2	407.6	478.2	548.5
-45°	0.0	23.3	58.0	96.9	147.1	202.1	260.8	323.9	386.6	452.5	519.9
-47.5°	0.0	22.4	54.9	90.7	138.7	190.1	244.4	304.8	364.7	426.0	490.5
-50°	0.0	21.4	51.7	85.5	129.9	177.5	229.1	284.8	341.9	400.1	460.4
-52.5°	0.0	20.3	48.4	80.6	120.8	164.4	213.4	264.2	318.0	372.9	429.7
-55°	0.0	19.2	45.0	75.4	111.4	152.3	197.1	243.1	293.0	344.5	397.6
-57.5°	0.0	18.1	41.5	70.0	101.6	140.2	180.4	223.5	267.0	314.9	364.2
-60°	0.0	16.9	38.0	64.5	91.7	127.6	163.4	203.2	240.9	284.1	329.6
-62.5°	0.0	15.6	35.2	58.7	83.8	114.8	148.0	182.2	217.0	252.4	293.7
-65°	0.0	14.3	32.4	52.8	75.7	101.6	132.2	161.6	192.6	223.9	256.8
-67.5°	0.0	13.0	29.5	46.7	67.3	89.4	116.1	142.6	167.8	196.1	223.9
-70°	0.0	11.7	26.5	40.5	58.7	78.3	99.6	123.2	145.6	167.8	192.6
-72.5°	0.0	10.3	23.3	35.4	49.9	66.9	85.1	103.5	123.2	142.6	161.6
-75°	0.0	8.9	20.1	30.4	40.9	55.3	70.7	85.6	100.5	117.1	133.5
-77.5°	0.0	7.4	16.9	25.4	33.9	43.5	56.0	68.4	80.5	92.4	105.1
-80°	0.0	6.0	13.6	20.4	27.2	33.9	41.1	50.9	60.7	70.2	79.6
-82.5°	0.0	4.5	10.2	15.3	20.4	25.4	30.4	35.4	40.7	47.9	54.9
-85°	0.0	3.0	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
-87.5°	0.0	1.5	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
-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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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°	18.1	19.6	21.1	22.5	23.9	25.3	26.5	27.8	29.0	30.1	31.2
85°	36.3	39.3	43.6	47.9	51.6	54.7	57.4	59.7	63.7	68.0	72.4
82.5°	61.8	68.6	75.2	81.6	86.0	89.6	93.0	98.0	106.7	115.0	122.6
80°	88.8	97.8	108.0	118.0	126.5	135.1	144.0	153.1	162.7	171.6	180.3
77.5°	118.5	131.7	144.5	157.0	169.3	182.7	195.7	208.1	220.0	231.4	242.2
75°	149.6	165.3	182.6	199.7	216.3	232.4	248.2	265.0	281.1	296.5	311.2
72.5°	182.2	203.2	223.6	243.6	265.1	286.2	306.6	326.3	345.4	365.5	386.6
70°	217.0	240.9	267.5	293.0	317.1	342.3	367.5	389.2	409.9	437.5	465.7
67.5°	252.6	285.0	315.0	343.9	376.0	405.6	431.4	458.9	488.4	520.2	548.1
65°	294.8	329.9	364.9	401.3	438.3	469.2	501.4	535.6	568.9	600.7	631.0
62.5°	336.4	376.0	416.2	455.9	494.0	531.1	569.9	607.9	644.5	681.6	714.1
60°	376.4	421.4	463.9	505.3	548.5	594.5	637.6	679.7	723.6	765.5	787.4
57.5°	415.1	463.2	507.6	554.1	604.8	656.8	701.9	749.7	787.4	816.4	844.8
55°	451.5	501.5	550.1	602.4	657.5	711.5	761.8	804.4	839.1	865.8	895.8
52.5°	485.5	538.3	591.1	648.3	706.8	764.4	817.0	856.9	888.2	915.4	943.6
50°	519.0	574.3	630.2	692.9	755.6	816.9	868.5	904.9	934.5	962.4	991.3
47.5°	551.9	609.9	670.2	737.0	804.8	864.0	912.9	946.2	976.0	1008.8	1040.6
45°	584.1	646.9	710.8	782.5	850.7	907.8	949.3	982.6	1019.4	1054.9	1088.9
42.5°	615.6	683.4	752.6	827.0	892.9	944.3	983.0	1022.4	1062.1	1099.9	1138.2
40°	647.3	718.3	791.7	865.7	932.0	976.4	1017.4	1059.9	1103.6	1144.6	1187.1
37.5°	677.8	751.3	826.9	901.7	961.9	1006.9	1049.4	1096.4	1142.4	1187.3	1242.6
35°	706.7	781.3	857.6	929.9	987.9	1034.3	1082.0	1131.4	1179.7	1237.7	1300.8
32.5°	732.6	808.2	885.5	952.9	1009.6	1059.8	1113.2	1164.8	1222.9	1288.5	1364.2
30°	754.4	831.8	909.4	975.1	1030.6	1083.7	1141.6	1198.5	1266.5	1345.3	1435.3
27.5°	773.5	852.9	928.4	994.2	1050.5	1103.4	1164.4	1236.3	1314.2	1402.6	1508.4
25°	791.4	874.3	946.2	1011.6	1066.5	1121.8	1187.1	1266.5	1360.3	1466.8	1596.3
22.5°	808.3	894.9	964.5	1028.1	1079.0	1138.7	1212.3	1298.7	1400.6	1525.4	1683.1
20°	824.4	910.2	979.0	1041.1	1088.4	1153.5	1234.5	1326.8	1442.6	1591.4	1773.7
17.5°	839.3	923.3	990.4	1048.8	1100.7	1169.2	1254.0	1349.7	1479.1	1651.4	1857.1
15°	852.8	934.3	999.6	1055.1	1111.7	1185.6	1274.5	1378.0	1519.4	1708.5	1930.9
12.5°	864.8	943.2	1006.6	1059.9	1120.4	1199.1	1292.6	1407.6	1562.8	1764.7	2024.5
10°	875.0	950.1	1011.5	1063.3	1127.0	1209.4	1307.7	1431.6	1597.3	1808.2	2096.5
7.5°	883.7	955.5	1014.9	1065.1	1131.3	1216.6	1319.6	1449.9	1621.5	1839.1	2148.5
5°	889.8	959.8	1018.9	1071.2	1137.9	1222.3	1328.2	1462.5	1635.7	1857.5	2180.8
2.5°	893.4	962.4	1021.4	1076.9	1145.1	1227.2	1334.6	1476.2	1647.2	1875.4	2205.5
0°	894.5	963.3	1022.2	1081.2	1150.0	1228.7	1336.8	1484.2	1651.3	1887.2	2221.4
-2.5°	893.4	962.4	1021.4	1076.9	1145.1	1227.2	1334.6	1476.2	1647.2	1875.4	2205.5
-5°	889.8	959.8	1018.9	1071.2	1137.9	1222.3	1328.2	1462.5	1635.7	1857.5	2180.8
-7.5°	883.7	955.5	1014.9	1065.1	1131.3	1216.6	1319.6	1449.9	1621.5	1839.1	2148.5
-10°	875.0	950.1	1011.5	1063.3	1127.0	1209.4	1307.7	1431.6	1597.3	1808.2	2096.5
-12.5°	864.8	943.2	1006.6	1059.9	1120.4	1199.1	1292.6	1407.6	1562.8	1764.7	2024.5
-15°	852.8	934.3	999.6	1055.1	1111.7	1185.6	1274.5	1378.0	1519.4	1708.5	1930.9
-17.5°	839.3	923.3	990.4	1048.8	1100.7	1169.2	1254.0	1349.7	1479.1	1651.4	1857.1
-20°	824.4	910.2	979.0	1041.1	1088.4	1153.5	1234.5	1326.8	1442.6	1591.4	1773.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	808.3	894.9	964.5	1028.1	1079.0	1138.7	1212.3	1298.7	1400.6	1525.4	1683.1
-25°	791.4	874.3	946.2	1011.6	1066.5	1121.8	1187.1	1266.5	1360.3	1466.8	1596.3
-27.5°	773.5	852.9	928.4	994.2	1050.5	1103.4	1164.4	1236.3	1314.2	1402.6	1508.4
-30°	754.4	831.8	909.4	975.1	1030.6	1083.7	1141.6	1198.5	1266.5	1345.3	1435.3
-32.5°	732.6	808.2	885.5	952.9	1009.6	1059.8	1113.2	1164.8	1222.9	1288.5	1364.2
-35°	706.7	781.3	857.6	929.9	987.9	1034.3	1082.0	1131.4	1179.7	1237.7	1300.8
-37.5°	677.8	751.3	826.9	901.7	961.9	1006.9	1049.4	1096.4	1142.4	1187.3	1242.6
-40°	647.3	718.3	791.7	865.7	932.0	976.4	1017.4	1059.9	1103.6	1144.6	1187.1
-42.5°	615.6	683.4	752.6	827.0	892.9	944.3	983.0	1022.4	1062.1	1099.9	1138.2
-45°	584.1	646.9	710.8	782.5	850.7	907.8	949.3	982.6	1019.4	1054.9	1088.9
-47.5°	551.9	609.9	670.2	737.0	804.8	864.0	912.9	946.2	976.0	1008.8	1040.6
-50°	519.0	574.3	630.2	692.9	755.6	816.9	868.5	904.9	934.5	962.4	991.3
-52.5°	485.5	538.3	591.1	648.3	706.8	764.4	817.0	856.9	888.2	915.4	943.6
-55°	451.5	501.5	550.1	602.4	657.5	711.5	761.8	804.4	839.1	865.8	895.8
-57.5°	415.1	463.2	507.6	554.1	604.8	656.8	701.9	749.7	787.4	816.4	844.8
-60°	376.4	421.4	463.9	505.3	548.5	594.5	637.6	679.7	723.6	765.5	787.4
-62.5°	336.4	376.0	416.2	455.9	494.0	531.1	569.9	607.9	644.5	681.6	714.1
-65°	294.8	329.9	364.9	401.3	438.3	469.2	501.4	535.6	568.9	600.7	631.0
-67.5°	252.6	285.0	315.0	343.9	376.0	405.6	431.4	458.9	488.4	520.2	548.1
-70°	217.0	240.9	267.5	293.0	317.1	342.3	367.5	389.2	409.9	437.5	465.7
-72.5°	182.2	203.2	223.6	243.6	265.1	286.2	306.6	326.3	345.4	365.5	386.6
-75°	149.6	165.3	182.6	199.7	216.3	232.4	248.2	265.0	281.1	296.5	311.2
-77.5°	118.5	131.7	144.5	157.0	169.3	182.7	195.7	208.1	220.0	231.4	242.2
-80°	88.8	97.8	108.0	118.0	126.5	135.1	144.0	153.1	162.7	171.6	180.3
-82.5°	61.8	68.6	75.2	81.6	86.0	89.6	93.0	98.0	106.7	115.0	122.6
-85°	36.3	39.3	43.6	47.9	51.6	54.7	57.4	59.7	63.7	68.0	72.4
-87.5°	18.1	19.6	21.1	22.5	23.9	25.3	26.5	27.8	29.0	30.1	31.2
-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: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	36.0	33.9
85°	76.9	79.8	82.5	84.9	87.2	89.3	91.2	92.8	94.3	93.1	91.6
82.5°	129.5	134.6	139.3	143.7	147.7	151.3	154.6	157.5	160.0	159.8	159.1
80°	188.4	196.8	205.3	213.7	221.9	226.9	230.5	233.2	235.1	235.9	236.1
77.5°	253.2	266.3	279.9	293.3	306.4	314.0	319.3	323.8	327.3	328.1	327.4
75°	325.0	341.9	360.4	376.7	390.7	399.3	405.3	410.4	414.5	415.5	415.1
72.5°	408.5	429.3	445.9	459.6	471.5	480.8	488.3	494.7	499.9	502.1	502.4
70°	490.6	511.1	527.0	540.9	552.5	562.2	571.2	578.9	585.2	589.9	593.4
67.5°	573.8	597.3	613.5	626.1	636.0	646.1	658.1	668.4	677.1	683.0	685.9
65°	659.2	683.4	699.1	712.8	725.0	737.8	751.1	760.9	767.4	771.4	774.0
62.5°	741.9	764.5	784.2	802.5	820.0	834.7	843.8	852.0	859.0	864.9	869.3
60°	812.9	841.8	863.8	881.3	898.5	915.0	926.3	935.2	942.2	947.3	950.5
57.5°	873.6	902.9	928.9	945.9	964.5	984.4	997.4	1004.9	1011.8	1017.7	1020.4
55°	926.6	953.7	977.6	1000.9	1021.8	1039.6	1053.4	1063.5	1072.0	1078.7	1081.0
52.5°	974.3	1003.8	1031.9	1056.6	1077.1	1094.1	1107.8	1120.3	1129.9	1136.4	1139.3
50°	1024.4	1056.1	1086.2	1113.2	1134.3	1153.4	1170.5	1185.3	1199.4	1210.6	1218.6
47.5°	1073.7	1107.5	1140.7	1170.4	1195.7	1223.4	1248.3	1269.3	1289.9	1306.5	1318.1
45°	1123.4	1162.4	1198.5	1236.9	1271.1	1307.4	1341.2	1370.1	1400.0	1422.5	1437.7
42.5°	1178.5	1222.9	1266.5	1314.2	1360.8	1408.1	1459.2	1504.7	1539.9	1572.9	1599.7
40°	1237.7	1288.5	1345.3	1403.8	1472.6	1535.0	1603.6	1662.5	1715.8	1772.1	1816.8
37.5°	1300.8	1364.2	1438.9	1517.2	1606.1	1691.5	1781.1	1869.2	1946.0	2036.6	2105.8
35°	1370.6	1455.2	1547.2	1653.0	1763.7	1886.1	2008.7	2150.2	2272.1	2406.2	2523.0
32.5°	1453.1	1554.1	1674.7	1814.4	1956.8	2142.3	2315.6	2541.1	2736.0	2948.7	3163.0
30°	1538.0	1670.0	1825.8	2001.8	2227.9	2483.0	2767.5	3102.8	3448.5	3783.0	4186.6
27.5°	1643.2	1802.5	1991.1	2248.2	2581.1	2925.9	3415.1	3918.4	4553.9	5079.5	5820.5
25°	1752.5	1940.0	2208.0	2557.7	2992.1	3590.7	4332.9	5137.4	6255.4	7237.7	8389.8
22.5°	1871.5	2124.7	2458.1	2889.8	3548.4	4467.2	5591.0	7105.5	8754.6	10505.5	12247.1
20°	1995.4	2301.8	2738.8	3364.4	4268.2	5512.6	7441.9	9779.8	12135.8	15024.7	17582.9
17.5°	2139.0	2528.9	3067.4	3849.8	5056.0	6962.1	9638.5	12902.4	16557.5	20711.3	24399.2
15°	2258.6	2723.5	3403.2	4497.8	6156.7	8604.6	11979.7	16469.8	21962.4	27541.0	33200.9
12.5°	2397.4	2935.2	3733.5	5038.7	7122.1	10375.4	14969.6	20652.7	27512.3	35250.2	44372.0
10°	2520.7	3143.1	4135.4	5751.0	8297.1	12222.2	17797.9	24635.0	33487.4	44620.4	58746.4
7.5°	2612.1	3308.5	4445.7	6293.1	9313.0	13997.8	20470.1	28995.9	40244.3	54945.4	74332.3
5°	2671.4	3428.2	4665.2	6711.4	10108.2	15319.3	22428.6	32089.0	45659.3	66451.6	99280.7
2.5°	2706.9	3499.1	4790.5	6956.7	10591.7	16194.9	23918.4	34427.8	49168.7	73562.4	115327.0
0°	2722.7	3518.9	4865.5	7086.9	10753.3	16532.9	24602.8	35493.7	50738.9	75223.8	118148.4
-2.5°	2706.9	3499.1	4790.5	6956.7	10591.7	16194.9	23918.4	34427.8	49168.7	73562.4	115327.0
-5°	2671.4	3428.2	4665.2	6711.4	10108.2	15319.3	22428.6	32089.0	45659.3	66451.6	99280.7
-7.5°	2612.1	3308.5	4445.7	6293.1	9313.0	13997.8	20470.1	28995.9	40244.3	54945.4	74332.3
-10°	2520.7	3143.1	4135.4	5751.0	8297.1	12222.2	17797.9	24635.0	33487.4	44620.4	58746.4
-12.5°	2397.4	2935.2	3733.5	5038.7	7122.1	10375.4	14969.6	20652.7	27512.3	35250.2	44372.0
-15°	2258.6	2723.5	3403.2	4497.8	6156.7	8604.6	11979.7	16469.8	21962.4	27541.0	33200.9
-17.5°	2139.0	2528.9	3067.4	3849.8	5056.0	6962.1	9638.5	12902.4	16557.5	20711.3	24399.2
-20°	1995.4	2301.8	2738.8	3364.4	4268.2	5512.6	7441.9	9779.8	12135.8	15024.7	17582.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1871.5	2124.7	2458.1	2889.8	3548.4	4467.2	5591.0	7105.5	8754.6	10505.5	12247.1
-25°	1752.5	1940.0	2208.0	2557.7	2992.1	3590.7	4332.9	5137.4	6255.4	7237.7	8389.8
-27.5°	1643.2	1802.5	1991.1	2248.2	2581.1	2925.9	3415.1	3918.4	4553.9	5079.5	5820.5
-30°	1538.0	1670.0	1825.8	2001.8	2227.9	2483.0	2767.5	3102.8	3448.5	3783.0	4186.6
-32.5°	1453.1	1554.1	1674.7	1814.4	1956.8	2142.3	2315.6	2541.1	2736.0	2948.7	3163.0
-35°	1370.6	1455.2	1547.2	1653.0	1763.7	1886.1	2008.7	2150.2	2272.1	2406.2	2523.0
-37.5°	1300.8	1364.2	1438.9	1517.2	1606.1	1691.5	1781.1	1869.2	1946.0	2036.6	2105.8
-40°	1237.7	1288.5	1345.3	1403.8	1472.6	1535.0	1603.6	1662.5	1715.8	1772.1	1816.8
-42.5°	1178.5	1222.9	1266.5	1314.2	1360.8	1408.1	1459.2	1504.7	1539.9	1572.9	1599.7
-45°	1123.4	1162.4	1198.5	1236.9	1271.1	1307.4	1341.2	1370.1	1400.0	1422.5	1437.7
-47.5°	1073.7	1107.5	1140.7	1170.4	1195.7	1223.4	1248.3	1269.3	1289.9	1306.5	1318.1
-50°	1024.4	1056.1	1086.2	1113.2	1134.3	1153.4	1170.5	1185.3	1199.4	1210.6	1218.6
-52.5°	974.3	1003.8	1031.9	1056.6	1077.1	1094.1	1107.8	1120.3	1129.9	1136.4	1139.3
-55°	926.6	953.7	977.6	1000.9	1021.8	1039.6	1053.4	1063.5	1072.0	1078.7	1081.0
-57.5°	873.6	902.9	928.9	945.9	964.5	984.4	997.4	1004.9	1011.8	1017.7	1020.4
-60°	812.9	841.8	863.8	881.3	898.5	915.0	926.3	935.2	942.2	947.3	950.5
-62.5°	741.9	764.5	784.2	802.5	820.0	834.7	843.8	852.0	859.0	864.9	869.3
-65°	659.2	683.4	699.1	712.8	725.0	737.8	751.1	760.9	767.4	771.4	774.0
-67.5°	573.8	597.3	613.5	626.1	636.0	646.1	658.1	668.4	677.1	683.0	685.9
-70°	490.6	511.1	527.0	540.9	552.5	562.2	571.2	578.9	585.2	589.9	593.4
-72.5°	408.5	429.3	445.9	459.6	471.5	480.8	488.3	494.7	499.9	502.1	502.4
-75°	325.0	341.9	360.4	376.7	390.7	399.3	405.3	410.4	414.5	415.5	415.1
-77.5°	253.2	266.3	279.9	293.3	306.4	314.0	319.3	323.8	327.3	328.1	327.4
-80°	188.4	196.8	205.3	213.7	221.9	226.9	230.5	233.2	235.1	235.9	236.1
-82.5°	129.5	134.6	139.3	143.7	147.7	151.3	154.6	157.5	160.0	159.8	159.1
-85°	76.9	79.8	82.5	84.9	87.2	89.3	91.2	92.8	94.3	93.1	91.6
-87.5°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	36.0	33.9
-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: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.7	29.4	29.5	29.5	29.5	29.4	31.7	33.9	36.0	38.0	37.5
85°	90.0	88.1	88.4	88.5	88.4	88.1	90.0	91.6	93.1	94.3	92.8
82.5°	158.0	156.6	157.1	157.3	157.1	156.6	158.0	159.1	159.8	160.0	157.5
80°	235.7	234.8	230.8	226.1	230.8	234.8	235.7	236.1	235.9	235.1	233.2
77.5°	325.7	322.9	319.1	314.5	319.1	322.9	325.7	327.4	328.1	327.3	323.8
75°	413.6	411.1	412.3	412.8	412.3	411.1	413.6	415.1	415.5	414.5	410.4
72.5°	501.5	499.3	500.7	501.3	500.7	499.3	501.5	502.4	502.1	499.9	494.7
70°	595.7	596.8	594.3	589.8	594.3	596.8	595.7	593.4	589.9	585.2	578.9
67.5°	686.8	685.7	682.8	678.2	682.8	685.7	686.8	685.9	683.0	677.1	668.4
65°	774.9	773.9	775.6	776.5	775.6	773.9	774.9	774.0	771.4	767.4	760.9
62.5°	871.6	871.6	869.5	865.0	869.5	871.6	871.6	869.3	864.9	859.0	852.0
60°	951.7	951.0	948.3	943.6	948.3	951.0	951.7	950.5	947.3	942.2	935.2
57.5°	1021.2	1020.2	1017.3	1012.4	1017.3	1020.2	1021.2	1020.4	1017.7	1011.8	1004.9
55°	1081.3	1079.8	1076.5	1071.4	1076.5	1079.8	1081.3	1081.0	1078.7	1072.0	1063.5
52.5°	1140.1	1138.8	1139.2	1140.2	1139.2	1138.8	1140.1	1139.3	1136.4	1129.9	1120.3
50°	1223.5	1225.2	1223.7	1218.8	1223.7	1225.2	1223.5	1218.6	1210.6	1199.4	1185.3
47.5°	1323.6	1324.2	1321.8	1317.1	1321.8	1324.2	1323.6	1318.1	1306.5	1289.9	1269.3
45°	1449.7	1456.8	1458.7	1454.7	1458.7	1456.8	1449.7	1437.7	1422.5	1400.0	1370.1
42.5°	1620.3	1631.5	1634.7	1631.7	1634.7	1631.5	1620.3	1599.7	1572.9	1539.9	1504.7
40°	1844.4	1857.1	1859.5	1857.7	1859.5	1857.1	1844.4	1816.8	1772.1	1715.8	1662.5
37.5°	2154.4	2185.5	2200.1	2201.8	2200.1	2185.5	2154.4	2105.8	2036.6	1946.0	1869.2
35°	2612.0	2673.7	2706.8	2722.7	2706.8	2673.7	2612.0	2523.0	2406.2	2272.1	2150.2
32.5°	3325.4	3449.0	3517.5	3509.1	3517.5	3449.0	3325.4	3163.0	2948.7	2736.0	2541.1
30°	4490.8	4706.9	4815.7	4786.9	4815.7	4706.9	4490.8	4186.6	3783.0	3448.5	3102.8
27.5°	6352.7	6743.4	6969.3	6939.5	6969.3	6743.4	6352.7	5820.5	5079.5	4553.9	3918.4
25°	9352.9	10065.8	10522.3	10409.2	10522.3	10065.8	9352.9	8389.8	7237.7	6255.4	5137.4
22.5°	13916.7	15124.5	15923.8	15825.2	15923.8	15124.5	13916.7	12247.1	10505.5	8754.6	7105.5
20°	20176.9	22015.3	23328.0	23501.9	23328.0	22015.3	20176.9	17582.9	15024.7	12135.8	9779.8
17.5°	28383.0	31297.8	33326.8	33665.4	33326.8	31297.8	28383.0	24399.2	20711.3	16557.5	12902.4
15°	39047.8	43811.9	47259.8	47544.4	47259.8	43811.9	39047.8	33200.9	27541.0	21962.4	16469.8
12.5°	53529.1	63111.0	69364.6	72117.7	69364.6	63111.0	53529.1	44372.0	35250.2	27512.3	20652.7
10°	73570.4	95579.6	109674.7	114973.5	109674.7	95579.6	73570.4	58746.4	44620.4	33487.4	24635.0
7.5°	107045.5	141600.6	180016.6	196389.7	180016.6	141600.6	107045.5	74332.3	54945.4	40244.3	28995.9
5°	144953.5	216668.9	284883.0	311520.5	284883.0	216668.9	144953.5	99280.7	66451.6	45659.3	32089.0
2.5°	184842.3	284803.2	378474.2	415106.8	378474.2	284803.2	184842.3	115327.0	73562.4	49168.7	34427.8
0°	200419.7	314636.4	417696.8	458773.5	417696.8	314636.4	200419.7	118148.4	75223.8	50738.9	35493.7
-2.5°	184842.3	284803.2	378474.2	415106.8	378474.2	284803.2	184842.3	115327.0	73562.4	49168.7	34427.8
-5°	144953.5	216668.9	284883.0	311520.5	284883.0	216668.9	144953.5	99280.7	66451.6	45659.3	32089.0
-7.5°	107045.5	141600.6	180016.6	196389.7	180016.6	141600.6	107045.5	74332.3	54945.4	40244.3	28995.9
-10°	73570.4	95579.6	109674.7	114973.5	109674.7	95579.6	73570.4	58746.4	44620.4	33487.4	24635.0
-12.5°	53529.1	63111.0	69364.6	72117.7	69364.6	63111.0	53529.1	44372.0	35250.2	27512.3	20652.7
-15°	39047.8	43811.9	47259.8	47544.4	47259.8	43811.9	39047.8	33200.9	27541.0	21962.4	16469.8
-17.5°	28383.0	31297.8	33326.8	33665.4	33326.8	31297.8	28383.0	24399.2	20711.3	16557.5	12902.4
-20°	20176.9	22015.3	23328.0	23501.9	23328.0	22015.3	20176.9	17582.9	15024.7	12135.8	9779.8



REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13916.7	15124.5	15923.8	15825.2	15923.8	15124.5	13916.7	12247.1	10505.5	8754.6	7105.5
-25°	9352.9	10065.8	10522.3	10409.2	10522.3	10065.8	9352.9	8389.8	7237.7	6255.4	5137.4
-27.5°	6352.7	6743.4	6969.3	6939.5	6969.3	6743.4	6352.7	5820.5	5079.5	4553.9	3918.4
-30°	4490.8	4706.9	4815.7	4786.9	4815.7	4706.9	4490.8	4186.6	3783.0	3448.5	3102.8
-32.5°	3325.4	3449.0	3517.5	3509.1	3517.5	3449.0	3325.4	3163.0	2948.7	2736.0	2541.1
-35°	2612.0	2673.7	2706.8	2722.7	2706.8	2673.7	2612.0	2523.0	2406.2	2272.1	2150.2
-37.5°	2154.4	2185.5	2200.1	2201.8	2200.1	2185.5	2154.4	2105.8	2036.6	1946.0	1869.2
-40°	1844.4	1857.1	1859.5	1857.7	1859.5	1857.1	1844.4	1816.8	1772.1	1715.8	1662.5
-42.5°	1620.3	1631.5	1634.7	1631.7	1634.7	1631.5	1620.3	1599.7	1572.9	1539.9	1504.7
-45°	1449.7	1456.8	1458.7	1454.7	1458.7	1456.8	1449.7	1437.7	1422.5	1400.0	1370.1
-47.5°	1323.6	1324.2	1321.8	1317.1	1321.8	1324.2	1323.6	1318.1	1306.5	1289.9	1269.3
-50°	1223.5	1225.2	1223.7	1218.8	1223.7	1225.2	1223.5	1218.6	1210.6	1199.4	1185.3
-52.5°	1140.1	1138.8	1139.2	1140.2	1139.2	1138.8	1140.1	1139.3	1136.4	1129.9	1120.3
-55°	1081.3	1079.8	1076.5	1071.4	1076.5	1079.8	1081.3	1081.0	1078.7	1072.0	1063.5
-57.5°	1021.2	1020.2	1017.3	1012.4	1017.3	1020.2	1021.2	1020.4	1017.7	1011.8	1004.9
-60°	951.7	951.0	948.3	943.6	948.3	951.0	951.7	950.5	947.3	942.2	935.2
-62.5°	871.6	871.6	869.5	865.0	869.5	871.6	871.6	869.3	864.9	859.0	852.0
-65°	774.9	773.9	775.6	776.5	775.6	773.9	774.9	774.0	771.4	767.4	760.9
-67.5°	686.8	685.7	682.8	678.2	682.8	685.7	686.8	685.9	683.0	677.1	668.4
-70°	595.7	596.8	594.3	589.8	594.3	596.8	595.7	593.4	589.9	585.2	578.9
-72.5°	501.5	499.3	500.7	501.3	500.7	499.3	501.5	502.4	502.1	499.9	494.7
-75°	413.6	411.1	412.3	412.8	412.3	411.1	413.6	415.1	415.5	414.5	410.4
-77.5°	325.7	322.9	319.1	314.5	319.1	322.9	325.7	327.4	328.1	327.3	323.8
-80°	235.7	234.8	230.8	226.1	230.8	234.8	235.7	236.1	235.9	235.1	233.2
-82.5°	158.0	156.6	157.1	157.3	157.1	156.6	158.0	159.1	159.8	160.0	157.5
-85°	90.0	88.1	88.4	88.5	88.4	88.1	90.0	91.6	93.1	94.3	92.8
-87.5°	31.7	29.4	29.5	29.5	29.5	29.4	31.7	33.9	36.0	38.0	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



REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
85°	91.2	89.3	87.2	84.9	82.5	79.8	76.9	72.4	68.0	63.7	59.7
82.5°	154.6	151.3	147.7	143.7	139.3	134.6	129.5	122.6	115.0	106.7	98.0
80°	230.5	226.9	221.9	213.7	205.3	196.8	188.4	180.3	171.6	162.7	153.1
77.5°	319.3	314.0	306.4	293.3	279.9	266.3	253.2	242.2	231.4	220.0	208.1
75°	405.3	399.3	390.7	376.7	360.4	341.9	325.0	311.2	296.5	281.1	265.0
72.5°	488.3	480.8	471.5	459.6	445.9	429.3	408.5	386.6	365.5	345.4	326.3
70°	571.2	562.2	552.5	540.9	527.0	511.1	490.6	465.7	437.5	409.9	389.2
67.5°	658.1	646.1	636.0	626.1	613.5	597.3	573.8	548.1	520.2	488.4	458.9
65°	751.1	737.8	725.0	712.8	699.1	683.4	659.2	631.0	600.7	568.9	535.6
62.5°	843.8	834.7	820.0	802.5	784.2	764.5	741.9	714.1	681.6	644.5	607.9
60°	926.3	915.0	898.5	881.3	863.8	841.8	812.9	787.4	765.5	723.6	679.7
57.5°	997.4	984.4	964.5	945.9	928.9	902.9	873.6	844.8	816.4	787.4	749.7
55°	1053.4	1039.6	1021.8	1000.9	977.6	953.7	926.6	895.8	865.8	839.1	804.4
52.5°	1107.8	1094.1	1077.1	1056.6	1031.9	1003.8	974.3	943.6	915.4	888.2	856.9
50°	1170.5	1153.4	1134.3	1113.2	1086.2	1056.1	1024.4	991.3	962.4	934.5	904.9
47.5°	1248.3	1223.4	1195.7	1170.4	1140.7	1107.5	1073.7	1040.6	1008.8	976.0	946.2
45°	1341.2	1307.4	1271.1	1236.9	1198.5	1162.4	1123.4	1088.9	1054.9	1019.4	982.6
42.5°	1459.2	1408.1	1360.8	1314.2	1266.5	1222.9	1178.5	1138.2	1099.9	1062.1	1022.4
40°	1603.6	1535.0	1472.6	1403.8	1345.3	1288.5	1237.7	1187.1	1144.6	1103.6	1059.9
37.5°	1781.1	1691.5	1606.1	1517.2	1438.9	1364.2	1300.8	1242.6	1187.3	1142.4	1096.4
35°	2008.7	1886.1	1763.7	1653.0	1547.2	1455.2	1370.6	1300.8	1237.7	1179.7	1131.4
32.5°	2315.6	2142.3	1956.8	1814.4	1674.7	1554.1	1453.1	1364.2	1288.5	1222.9	1164.8
30°	2767.5	2483.0	2227.9	2001.8	1825.8	1670.0	1538.0	1435.3	1345.3	1266.5	1198.5
27.5°	3415.1	2925.9	2581.1	2248.2	1991.1	1802.5	1643.2	1508.4	1402.6	1314.2	1236.3
25°	4332.9	3590.7	2992.1	2557.7	2208.0	1940.0	1752.5	1596.3	1466.8	1360.3	1266.5
22.5°	5591.0	4467.2	3548.4	2889.8	2458.1	2124.7	1871.5	1683.1	1525.4	1400.6	1298.7
20°	7441.9	5512.6	4268.2	3364.4	2738.8	2301.8	1995.4	1773.7	1591.4	1442.6	1326.8
17.5°	9638.5	6962.1	5056.0	3849.8	3067.4	2528.9	2139.0	1857.1	1651.4	1479.1	1349.7
15°	11979.7	8604.6	6156.7	4497.8	3403.2	2723.5	2258.6	1930.9	1708.5	1519.4	1378.0
12.5°	14969.6	10375.4	7122.1	5038.7	3733.5	2935.2	2397.4	2024.5	1764.7	1562.8	1407.6
10°	17797.9	12222.2	8297.1	5751.0	4135.4	3143.1	2520.7	2096.5	1808.2	1597.3	1431.6
7.5°	20470.1	13997.8	9313.0	6293.1	4445.7	3308.5	2612.1	2148.5	1839.1	1621.5	1449.9
5°	22428.6	15319.3	10108.2	6711.4	4665.2	3428.2	2671.4	2180.8	1857.5	1635.7	1462.5
2.5°	23918.4	16194.9	10591.7	6956.7	4790.5	3499.1	2706.9	2205.5	1875.4	1647.2	1476.2
0°	24602.8	16532.9	10753.3	7086.9	4865.5	3518.9	2722.7	2221.4	1887.2	1651.3	1484.2
-2.5°	23918.4	16194.9	10591.7	6956.7	4790.5	3499.1	2706.9	2205.5	1875.4	1647.2	1476.2
-5°	22428.6	15319.3	10108.2	6711.4	4665.2	3428.2	2671.4	2180.8	1857.5	1635.7	1462.5
-7.5°	20470.1	13997.8	9313.0	6293.1	4445.7	3308.5	2612.1	2148.5	1839.1	1621.5	1449.9
-10°	17797.9	12222.2	8297.1	5751.0	4135.4	3143.1	2520.7	2096.5	1808.2	1597.3	1431.6
-12.5°	14969.6	10375.4	7122.1	5038.7	3733.5	2935.2	2397.4	2024.5	1764.7	1562.8	1407.6
-15°	11979.7	8604.6	6156.7	4497.8	3403.2	2723.5	2258.6	1930.9	1708.5	1519.4	1378.0
-17.5°	9638.5	6962.1	5056.0	3849.8	3067.4	2528.9	2139.0	1857.1	1651.4	1479.1	1349.7
-20°	7441.9	5512.6	4268.2	3364.4	2738.8	2301.8	1995.4	1773.7	1591.4	1442.6	1326.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5591.0	4467.2	3548.4	2889.8	2458.1	2124.7	1871.5	1683.1	1525.4	1400.6	1298.7
-25°	4332.9	3590.7	2992.1	2557.7	2208.0	1940.0	1752.5	1596.3	1466.8	1360.3	1266.5
-27.5°	3415.1	2925.9	2581.1	2248.2	1991.1	1802.5	1643.2	1508.4	1402.6	1314.2	1236.3
-30°	2767.5	2483.0	2227.9	2001.8	1825.8	1670.0	1538.0	1435.3	1345.3	1266.5	1198.5
-32.5°	2315.6	2142.3	1956.8	1814.4	1674.7	1554.1	1453.1	1364.2	1288.5	1222.9	1164.8
-35°	2008.7	1886.1	1763.7	1653.0	1547.2	1455.2	1370.6	1300.8	1237.7	1179.7	1131.4
-37.5°	1781.1	1691.5	1606.1	1517.2	1438.9	1364.2	1300.8	1242.6	1187.3	1142.4	1096.4
-40°	1603.6	1535.0	1472.6	1403.8	1345.3	1288.5	1237.7	1187.1	1144.6	1103.6	1059.9
-42.5°	1459.2	1408.1	1360.8	1314.2	1266.5	1222.9	1178.5	1138.2	1099.9	1062.1	1022.4
-45°	1341.2	1307.4	1271.1	1236.9	1198.5	1162.4	1123.4	1088.9	1054.9	1019.4	982.6
-47.5°	1248.3	1223.4	1195.7	1170.4	1140.7	1107.5	1073.7	1040.6	1008.8	976.0	946.2
-50°	1170.5	1153.4	1134.3	1113.2	1086.2	1056.1	1024.4	991.3	962.4	934.5	904.9
-52.5°	1107.8	1094.1	1077.1	1056.6	1031.9	1003.8	974.3	943.6	915.4	888.2	856.9
-55°	1053.4	1039.6	1021.8	1000.9	977.6	953.7	926.6	895.8	865.8	839.1	804.4
-57.5°	997.4	984.4	964.5	945.9	928.9	902.9	873.6	844.8	816.4	787.4	749.7
-60°	926.3	915.0	898.5	881.3	863.8	841.8	812.9	787.4	765.5	723.6	679.7
-62.5°	843.8	834.7	820.0	802.5	784.2	764.5	741.9	714.1	681.6	644.5	607.9
-65°	751.1	737.8	725.0	712.8	699.1	683.4	659.2	631.0	600.7	568.9	535.6
-67.5°	658.1	646.1	636.0	626.1	613.5	597.3	573.8	548.1	520.2	488.4	458.9
-70°	571.2	562.2	552.5	540.9	527.0	511.1	490.6	465.7	437.5	409.9	389.2
-72.5°	488.3	480.8	471.5	459.6	445.9	429.3	408.5	386.6	365.5	345.4	326.3
-75°	405.3	399.3	390.7	376.7	360.4	341.9	325.0	311.2	296.5	281.1	265.0
-77.5°	319.3	314.0	306.4	293.3	279.9	266.3	253.2	242.2	231.4	220.0	208.1
-80°	230.5	226.9	221.9	213.7	205.3	196.8	188.4	180.3	171.6	162.7	153.1
-82.5°	154.6	151.3	147.7	143.7	139.3	134.6	129.5	122.6	115.0	106.7	98.0
-85°	91.2	89.3	87.2	84.9	82.5	79.8	76.9	72.4	68.0	63.7	59.7
-87.5°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
-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: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.5	25.3	23.9	22.5	21.1	19.6	18.1	16.6	15.0	13.4	11.8
85°	57.4	54.7	51.6	47.9	43.6	39.3	36.3	33.2	30.0	26.9	23.6
82.5°	93.0	89.6	86.0	81.6	75.2	68.6	61.8	54.9	47.9	40.7	35.4
80°	144.0	135.1	126.5	118.0	108.0	97.8	88.8	79.6	70.2	60.7	50.9
77.5°	195.7	182.7	169.3	157.0	144.5	131.7	118.5	105.1	92.4	80.5	68.4
75°	248.2	232.4	216.3	199.7	182.6	165.3	149.6	133.5	117.1	100.5	85.6
72.5°	306.6	286.2	265.1	243.6	223.6	203.2	182.2	161.6	142.6	123.2	103.5
70°	367.5	342.3	317.1	293.0	267.5	240.9	217.0	192.6	167.8	145.6	123.2
67.5°	431.4	405.6	376.0	343.9	315.0	285.0	252.6	223.9	196.1	167.8	142.6
65°	501.4	469.2	438.3	401.3	364.9	329.9	294.8	256.8	223.9	192.6	161.6
62.5°	569.9	531.1	494.0	455.9	416.2	376.0	336.4	293.7	252.4	217.0	182.2
60°	637.6	594.5	548.5	505.3	463.9	421.4	376.4	329.6	284.1	240.9	203.2
57.5°	701.9	656.8	604.8	554.1	507.6	463.2	415.1	364.2	314.9	267.0	223.5
55°	761.8	711.5	657.5	602.4	550.1	501.5	451.5	397.6	344.5	293.0	243.1
52.5°	817.0	764.4	706.8	648.3	591.1	538.3	485.5	429.7	372.9	318.0	264.2
50°	868.5	816.9	755.6	692.9	630.2	574.3	519.0	460.4	400.1	341.9	284.8
47.5°	912.9	864.0	804.8	737.0	670.2	609.9	551.9	490.5	426.0	364.7	304.8
45°	949.3	907.8	850.7	782.5	710.8	646.9	584.1	519.9	452.5	386.6	323.9
42.5°	983.0	944.3	892.9	827.0	752.6	683.4	615.6	548.5	478.2	407.6	342.2
40°	1017.4	976.4	932.0	865.7	791.7	718.3	647.3	576.3	503.0	428.2	359.7
37.5°	1049.4	1006.9	961.9	901.7	826.9	751.3	677.8	603.2	526.2	448.7	376.2
35°	1082.0	1034.3	987.9	929.9	857.6	781.3	706.7	629.1	548.0	467.9	391.8
32.5°	1113.2	1059.8	1009.6	952.9	885.5	808.2	732.6	651.7	568.4	485.5	406.5
30°	1141.6	1083.7	1030.6	975.1	909.4	831.8	754.4	672.2	587.4	501.6	420.2
27.5°	1164.4	1103.4	1050.5	994.2	928.4	852.9	773.5	690.6	604.9	516.6	433.3
25°	1187.1	1121.8	1066.5	1011.6	946.2	874.3	791.4	707.0	620.2	530.6	445.0
22.5°	1212.3	1138.7	1079.0	1028.1	964.5	894.9	808.3	721.1	633.5	543.2	455.5
20°	1234.5	1153.5	1088.4	1041.1	979.0	910.2	824.4	733.9	645.0	554.5	464.6
17.5°	1254.0	1169.2	1100.7	1048.8	990.4	923.3	839.3	745.3	654.6	564.2	472.5
15°	1274.5	1185.6	1111.7	1055.1	999.6	934.3	852.8	755.0	662.5	572.5	479.4
12.5°	1292.6	1199.1	1120.4	1059.9	1006.6	943.2	864.8	763.2	668.6	579.4	485.8
10°	1307.7	1209.4	1127.0	1063.3	1011.5	950.1	875.0	771.0	675.1	584.8	491.2
7.5°	1319.6	1216.6	1131.3	1065.1	1014.9	955.5	883.7	780.1	680.6	588.4	495.5
5°	1328.2	1222.3	1137.9	1071.2	1018.9	959.8	889.8	787.4	684.7	590.4	498.7
2.5°	1334.6	1227.2	1145.1	1076.9	1021.4	962.4	893.4	792.8	687.2	590.9	500.6
0°	1336.8	1228.7	1150.0	1081.2	1022.2	963.3	894.5	796.2	688.1	589.8	501.3
-2.5°	1334.6	1227.2	1145.1	1076.9	1021.4	962.4	893.4	792.8	687.2	590.9	500.6
-5°	1328.2	1222.3	1137.9	1071.2	1018.9	959.8	889.8	787.4	684.7	590.4	498.7
-7.5°	1319.6	1216.6	1131.3	1065.1	1014.9	955.5	883.7	780.1	680.6	588.4	495.5
-10°	1307.7	1209.4	1127.0	1063.3	1011.5	950.1	875.0	771.0	675.1	584.8	491.2
-12.5°	1292.6	1199.1	1120.4	1059.9	1006.6	943.2	864.8	763.2	668.6	579.4	485.8
-15°	1274.5	1185.6	1111.7	1055.1	999.6	934.3	852.8	755.0	662.5	572.5	479.4
-17.5°	1254.0	1169.2	1100.7	1048.8	990.4	923.3	839.3	745.3	654.6	564.2	472.5
-20°	1234.5	1153.5	1088.4	1041.1	979.0	910.2	824.4	733.9	645.0	554.5	464.6

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Scaled Data Report



REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1212.3	1138.7	1079.0	1028.1	964.5	894.9	808.3	721.1	633.5	543.2	455.5
-25°	1187.1	1121.8	1066.5	1011.6	946.2	874.3	791.4	707.0	620.2	530.6	445.0
-27.5°	1164.4	1103.4	1050.5	994.2	928.4	852.9	773.5	690.6	604.9	516.6	433.3
-30°	1141.6	1083.7	1030.6	975.1	909.4	831.8	754.4	672.2	587.4	501.6	420.2
-32.5°	1113.2	1059.8	1009.6	952.9	885.5	808.2	732.6	651.7	568.4	485.5	406.5
-35°	1082.0	1034.3	987.9	929.9	857.6	781.3	706.7	629.1	548.0	467.9	391.8
-37.5°	1049.4	1006.9	961.9	901.7	826.9	751.3	677.8	603.2	526.2	448.7	376.2
-40°	1017.4	976.4	932.0	865.7	791.7	718.3	647.3	576.3	503.0	428.2	359.7
-42.5°	983.0	944.3	892.9	827.0	752.6	683.4	615.6	548.5	478.2	407.6	342.2
-45°	949.3	907.8	850.7	782.5	710.8	646.9	584.1	519.9	452.5	386.6	323.9
-47.5°	912.9	864.0	804.8	737.0	670.2	609.9	551.9	490.5	426.0	364.7	304.8
-50°	868.5	816.9	755.6	692.9	630.2	574.3	519.0	460.4	400.1	341.9	284.8
-52.5°	817.0	764.4	706.8	648.3	591.1	538.3	485.5	429.7	372.9	318.0	264.2
-55°	761.8	711.5	657.5	602.4	550.1	501.5	451.5	397.6	344.5	293.0	243.1
-57.5°	701.9	656.8	604.8	554.1	507.6	463.2	415.1	364.2	314.9	267.0	223.5
-60°	637.6	594.5	548.5	505.3	463.9	421.4	376.4	329.6	284.1	240.9	203.2
-62.5°	569.9	531.1	494.0	455.9	416.2	376.0	336.4	293.7	252.4	217.0	182.2
-65°	501.4	469.2	438.3	401.3	364.9	329.9	294.8	256.8	223.9	192.6	161.6
-67.5°	431.4	405.6	376.0	343.9	315.0	285.0	252.6	223.9	196.1	167.8	142.6
-70°	367.5	342.3	317.1	293.0	267.5	240.9	217.0	192.6	167.8	145.6	123.2
-72.5°	306.6	286.2	265.1	243.6	223.6	203.2	182.2	161.6	142.6	123.2	103.5
-75°	248.2	232.4	216.3	199.7	182.6	165.3	149.6	133.5	117.1	100.5	85.6
-77.5°	195.7	182.7	169.3	157.0	144.5	131.7	118.5	105.1	92.4	80.5	68.4
-80°	144.0	135.1	126.5	118.0	108.0	97.8	88.8	79.6	70.2	60.7	50.9
-82.5°	93.0	89.6	86.0	81.6	75.2	68.6	61.8	54.9	47.9	40.7	35.4
-85°	57.4	54.7	51.6	47.9	43.6	39.3	36.3	33.2	30.0	26.9	23.6
-87.5°	26.5	25.3	23.9	22.5	21.1	19.6	18.1	16.6	15.0	13.4	11.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	8.5	6.8	5.1	3.4	1.5	0.0
85°	20.3	17.0	13.6	10.2	6.8	3.0	0.0
82.5°	30.4	25.4	20.4	15.3	10.2	4.5	0.0
80°	41.1	33.9	27.2	20.4	13.6	6.0	0.0
77.5°	56.0	43.5	33.9	25.4	16.9	7.4	0.0
75°	70.7	55.3	40.9	30.4	20.1	8.9	0.0
72.5°	85.1	66.9	49.9	35.4	23.3	10.3	0.0
70°	99.6	78.3	58.7	40.5	26.5	11.7	0.0
67.5°	116.1	89.4	67.3	46.7	29.5	13.0	0.0
65°	132.2	101.6	75.7	52.8	32.4	14.3	0.0
62.5°	148.0	114.8	83.8	58.7	35.2	15.6	0.0
60°	163.4	127.6	91.7	64.5	38.0	16.9	0.0
57.5°	180.4	140.2	101.6	70.0	41.5	18.1	0.0
55°	197.1	152.3	111.4	75.4	45.0	19.2	0.0
52.5°	213.4	164.4	120.8	80.6	48.4	20.3	0.0
50°	229.1	177.5	129.9	85.5	51.7	21.4	0.0
47.5°	244.4	190.1	138.7	90.7	54.9	22.4	0.0
45°	260.8	202.1	147.1	96.9	58.0	23.3	0.0
42.5°	276.5	213.6	155.1	103.0	60.9	24.2	0.0
40°	291.4	224.6	163.3	108.8	63.8	25.0	0.0
37.5°	305.5	235.0	171.6	114.5	66.5	25.8	0.0
35°	318.9	245.6	179.4	119.8	69.2	26.5	0.0
32.5°	331.4	256.0	186.7	124.8	71.6	27.1	0.0
30°	343.0	265.6	193.5	129.5	74.0	27.7	0.0
27.5°	353.7	274.6	200.1	133.9	76.2	28.2	0.0
25°	363.5	282.7	206.2	137.9	78.2	28.6	0.0
22.5°	372.4	290.1	211.7	141.5	80.1	29.0	0.0
20°	380.4	296.4	216.8	144.8	81.8	29.3	0.0
17.5°	386.9	301.8	221.2	147.7	83.3	29.5	0.0
15°	392.3	306.3	225.1	150.2	84.6	29.7	0.0
12.5°	396.6	309.8	228.4	152.4	85.8	29.8	0.0
10°	400.0	312.5	231.1	154.1	86.8	29.9	0.0
7.5°	402.3	314.2	233.2	155.5	87.5	29.9	0.0
5°	403.6	315.1	234.7	156.5	88.1	29.8	0.0
2.5°	403.8	315.2	235.6	157.1	88.4	29.7	0.0
0°	403.0	314.5	235.9	157.3	88.5	29.5	0.0
-2.5°	403.8	315.2	235.6	157.1	88.4	29.7	0.0
-5°	403.6	315.1	234.7	156.5	88.1	29.8	0.0
-7.5°	402.3	314.2	233.2	155.5	87.5	29.9	0.0
-10°	400.0	312.5	231.1	154.1	86.8	29.9	0.0
-12.5°	396.6	309.8	228.4	152.4	85.8	29.8	0.0
-15°	392.3	306.3	225.1	150.2	84.6	29.7	0.0
-17.5°	386.9	301.8	221.2	147.7	83.3	29.5	0.0
-20°	380.4	296.4	216.8	144.8	81.8	29.3	0.0

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REPORT NUMBER: P627959 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	372.4	290.1	211.7	141.5	80.1	29.0	0.0
-25°	363.5	282.7	206.2	137.9	78.2	28.6	0.0
-27.5°	353.7	274.6	200.1	133.9	76.2	28.2	0.0
-30°	343.0	265.6	193.5	129.5	74.0	27.7	0.0
-32.5°	331.4	256.0	186.7	124.8	71.6	27.1	0.0
-35°	318.9	245.6	179.4	119.8	69.2	26.5	0.0
-37.5°	305.5	235.0	171.6	114.5	66.5	25.8	0.0
-40°	291.4	224.6	163.3	108.8	63.8	25.0	0.0
-42.5°	276.5	213.6	155.1	103.0	60.9	24.2	0.0
-45°	260.8	202.1	147.1	96.9	58.0	23.3	0.0
-47.5°	244.4	190.1	138.7	90.7	54.9	22.4	0.0
-50°	229.1	177.5	129.9	85.5	51.7	21.4	0.0
-52.5°	213.4	164.4	120.8	80.6	48.4	20.3	0.0
-55°	197.1	152.3	111.4	75.4	45.0	19.2	0.0
-57.5°	180.4	140.2	101.6	70.0	41.5	18.1	0.0
-60°	163.4	127.6	91.7	64.5	38.0	16.9	0.0
-62.5°	148.0	114.8	83.8	58.7	35.2	15.6	0.0
-65°	132.2	101.6	75.7	52.8	32.4	14.3	0.0
-67.5°	116.1	89.4	67.3	46.7	29.5	13.0	0.0
-70°	99.6	78.3	58.7	40.5	26.5	11.7	0.0
-72.5°	85.1	66.9	49.9	35.4	23.3	10.3	0.0
-75°	70.7	55.3	40.9	30.4	20.1	8.9	0.0
-77.5°	56.0	43.5	33.9	25.4	16.9	7.4	0.0
-80°	41.1	33.9	27.2	20.4	13.6	6.0	0.0
-82.5°	30.4	25.4	20.4	15.3	10.2	4.5	0.0
-85°	20.3	17.0	13.6	10.2	6.8	3.0	0.0
-87.5°	10.2	8.5	6.8	5.1	3.4	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)