

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: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-730-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

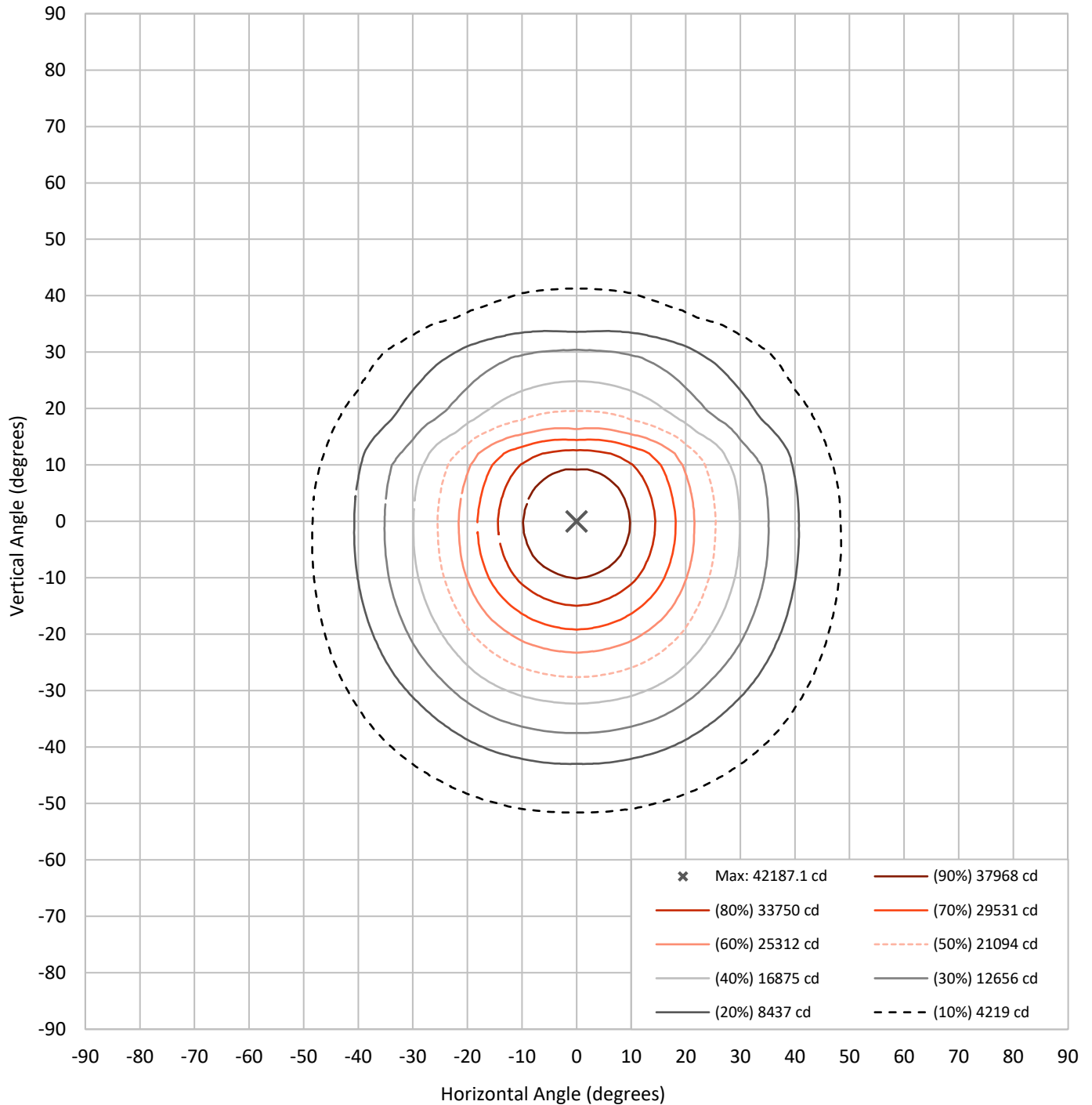
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	37218.1 lumens	Max Intensity:	42187.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	17918.8 lumens	Field Lumens:	33322.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	376.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





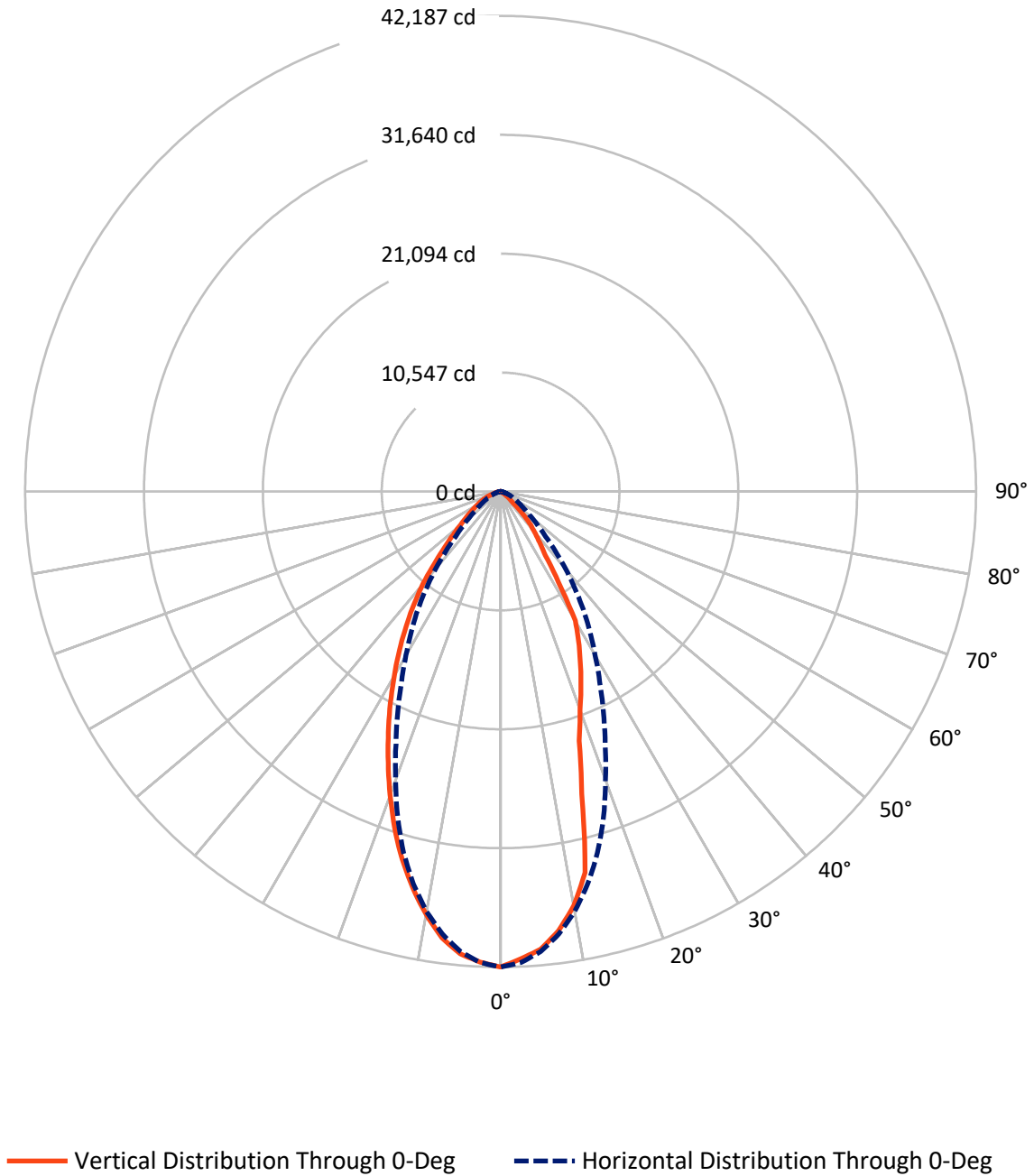
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Lumen Table

90																			
80	0.0	0.2		0.2		0.0		0.0		0.0		0.2		0.2		0.0			
70																			
60	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2			
50		0.8	1.9	3.5	5.9	8.6	11.7	13.2	13.2	11.7	8.6	5.9	3.5	1.9	0.8				
40	1.6	2.8	7.2	15.1	27.7	45.4	65.6	80.4	80.4	65.6	45.4	27.7	15.1	7.2	2.8	1.6			
30		5.7	14.5	33.7	69.5	127.7	195.2	234.7	234.7	195.2	127.7	69.5	33.7	14.5	5.7				
20	4.1	8.9	23.6	61.1	144.6	271.5	413.1	497.9	497.9	413.1	271.5	144.6	61.1	23.6	8.9	4.1			
10		12.1	33.6	95.8	237.8	439.8	687.3	849.6	849.6	687.3	439.8	237.8	95.8	33.6	12.1				
0	5.8	14.0	42.2	124.0	312.3	582.1	934.6	1185.0	1185.0	934.6	582.1	312.3	124.0	42.2	14.0	5.8			
-10		14.7	43.9	127.9	316.8	590.5	944.1	1192.4	1192.4	944.1	590.5	316.8	127.9	43.9	14.7				
-20	6.2	14.5	41.6	113.9	280.7	518.5	799.3	986.3	986.3	799.3	518.5	280.7	113.9	41.6	14.5	6.2			
-30		13.3	36.0	89.2	209.4	390.9	582.6	698.6	698.6	582.6	390.9	209.4	89.2	36.0	13.3				
-40	5.2	11.7	29.2	64.4	131.8	242.5	365.9	435.6	435.6	365.9	242.5	131.8	64.4	29.2	11.7	5.2			
-50		9.7	22.5	44.5	79.2	127.0	182.1	216.7	216.7	182.1	127.0	79.2	44.5	22.5	9.7				
-60	3.3	7.5	16.4	29.7	48.4	69.6	90.0	101.8	101.8	90.0	69.6	48.4	29.7	16.4	7.5	3.3			
-70		5.3	11.0	18.3	28.1	38.3	46.8	51.1	51.1	46.8	38.3	28.1	18.3	11.0	5.3				
-80																			
-90	0.9	10.6		27.3		48.9		44.6		48.9		27.3		10.6		0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

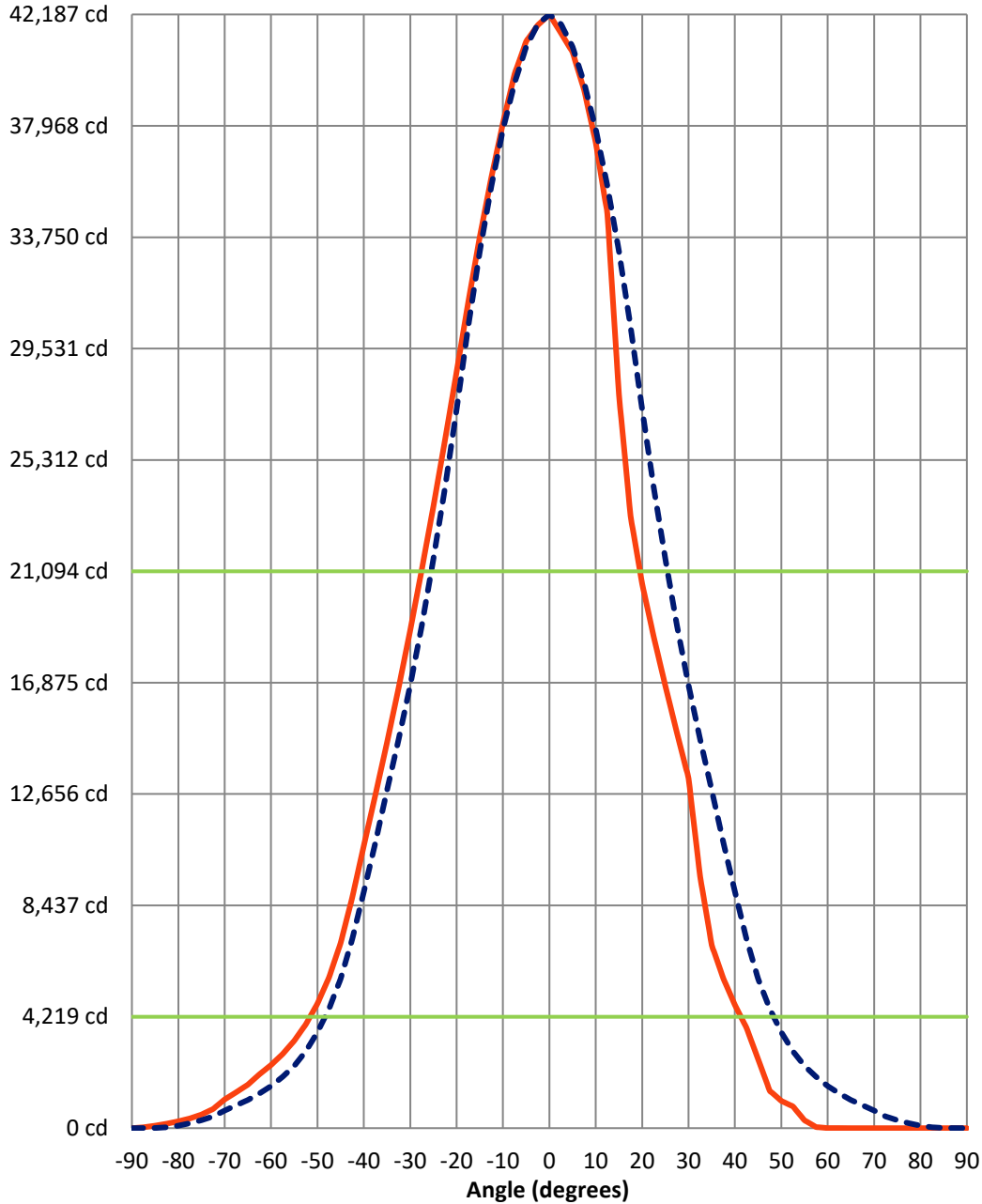
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 17918.8
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 33322.9
 Efficiency: 89.5%

Spill:
 Lumens: 3895.2
 Efficiency: 10.5%

- 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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.0
75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	0.0	1.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3
67.5°	0.0	1.1	2.3	3.0	3.0	3.0	3.3	3.0	3.0	3.9	3.7
65°	0.0	1.3	2.5	3.0	3.0	3.3	3.6	3.0	4.3	4.9	5.8
62.5°	0.0	1.4	2.8	3.0	3.0	4.0	4.1	4.1	5.7	8.1	12.5
60°	0.0	1.5	3.0	3.0	3.0	4.8	4.7	5.7	7.2	19.9	21.6
57.5°	0.0	1.6	3.0	3.0	3.8	5.7	8.1	7.7	19.6	33.6	36.9
55°	0.0	1.7	3.1	3.0	4.8	6.7	12.5	11.4	36.0	50.7	57.3
52.5°	0.0	1.8	3.1	3.0	5.7	8.3	17.4	28.3	53.8	75.2	81.1
50°	0.0	1.9	3.2	3.0	6.7	13.6	23.0	46.8	75.1	102.4	123.8
47.5°	0.0	2.0	3.3	3.2	7.8	19.1	30.7	65.6	103.2	132.4	168.0
45°	0.0	2.1	3.4	4.0	8.9	25.1	47.0	84.5	131.4	171.4	211.6
42.5°	0.0	2.2	3.5	4.9	10.0	31.3	63.2	106.7	159.5	210.1	260.1
40°	0.0	2.3	3.6	6.0	13.2	37.9	79.4	131.0	188.7	247.8	310.7
37.5°	0.0	2.4	3.7	7.3	18.3	44.9	95.5	155.1	220.3	286.6	362.4
35°	0.0	2.5	3.8	8.7	23.6	55.7	111.4	178.8	252.1	332.9	418.5
32.5°	0.0	2.5	4.0	10.2	28.8	68.3	128.2	202.1	283.9	380.4	481.8
30°	0.0	2.6	4.1	11.8	34.1	80.6	147.0	225.7	315.7	429.0	545.5
27.5°	0.0	2.7	4.2	13.5	40.2	92.5	165.3	251.7	350.6	478.3	609.4
25°	0.0	2.7	4.4	15.3	46.3	103.9	182.9	277.0	390.8	530.8	673.4
22.5°	0.0	2.8	4.6	17.1	52.2	115.1	199.8	301.7	430.6	583.9	738.2
20°	0.0	2.8	4.7	19.0	57.9	125.9	215.8	325.5	469.7	635.9	800.0
17.5°	0.0	2.9	4.9	20.9	63.4	136.1	230.7	348.4	507.9	686.4	858.6
15°	0.0	2.9	5.1	22.8	68.7	145.6	244.4	368.8	544.7	735.1	913.8
12.5°	0.0	2.9	5.2	24.7	73.7	154.5	256.9	385.8	575.2	781.5	965.5
10°	0.0	3.0	5.4	26.6	78.3	162.6	268.3	401.0	599.6	809.0	1006.1
7.5°	0.0	3.0	5.6	28.4	82.7	169.9	278.4	414.4	621.0	829.9	1027.4
5°	0.0	3.0	5.7	30.1	86.7	176.4	287.4	425.8	639.3	846.5	1044.5
2.5°	0.0	3.0	5.9	31.6	90.3	182.0	295.0	435.4	654.4	859.1	1057.7
0°	0.0	3.0	6.0	33.1	93.4	186.8	301.3	443.0	666.0	867.8	1066.7
-2.5°	0.0	3.2	6.9	35.2	97.7	192.7	309.5	455.8	679.0	880.4	1080.8
-5°	0.0	3.4	7.8	37.1	101.4	197.7	316.3	466.4	688.5	889.4	1090.9
-7.5°	0.0	3.6	8.7	38.9	104.7	201.6	321.7	474.8	694.6	895.0	1096.8
-10°	0.0	3.7	9.5	40.4	107.3	204.7	325.5	480.8	697.1	897.2	1098.6
-12.5°	0.0	3.9	10.3	41.7	109.3	206.6	327.8	484.2	696.3	895.9	1093.5
-15°	0.0	4.0	11.1	42.8	110.6	207.6	328.5	484.9	691.2	888.1	1082.9
-17.5°	0.0	4.2	11.7	43.6	111.2	207.5	327.5	483.9	682.3	877.5	1068.3
-20°	0.0	4.3	12.4	44.2	111.0	206.3	326.6	481.6	671.2	864.2	1049.5

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Scaled Data Report



REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.4	12.9	44.4	110.1	204.0	326.8	477.3	657.9	848.5	1026.7
-25°	0.0	4.5	13.4	44.4	108.4	203.3	325.3	470.9	642.8	830.4	1000.0
-27.5°	0.0	4.5	13.8	44.1	105.9	202.4	322.2	462.6	626.1	809.6	975.3
-30°	0.0	4.6	14.2	43.5	102.9	200.2	317.5	452.3	611.3	786.0	948.8
-32.5°	0.0	4.6	14.4	42.6	101.6	196.8	311.1	443.8	596.7	761.5	920.3
-35°	0.0	4.6	14.5	41.3	99.5	192.1	305.0	434.5	580.2	736.1	890.1
-37.5°	0.0	4.6	14.6	39.8	96.5	186.9	298.1	423.4	561.7	710.1	854.6
-40°	0.0	4.5	14.6	37.9	92.7	182.4	289.5	410.3	541.4	685.7	816.7
-42.5°	0.0	4.5	14.4	36.1	89.9	176.6	279.2	395.3	522.6	654.2	776.2
-45°	0.0	4.4	14.2	34.7	88.1	169.8	267.3	379.7	503.3	620.4	734.2
-47.5°	0.0	4.3	13.9	32.9	85.4	161.7	253.8	363.7	481.7	585.4	695.4
-50°	0.0	4.2	13.5	32.3	81.9	152.6	242.0	345.8	453.4	553.5	655.3
-52.5°	0.0	4.0	12.9	31.8	77.4	142.3	229.3	325.9	425.2	520.2	614.6
-55°	0.0	3.9	12.3	31.0	72.0	133.9	215.1	304.7	396.1	485.5	576.3
-57.5°	0.0	3.7	11.6	29.8	65.8	124.9	199.6	285.8	365.6	450.6	536.6
-60°	0.0	3.5	10.9	28.1	59.0	114.5	183.1	263.0	334.3	414.3	495.6
-62.5°	0.0	3.2	10.2	26.2	54.9	103.0	167.0	237.7	303.3	376.6	453.3
-65°	0.0	3.0	9.5	23.8	50.2	90.4	149.4	211.3	270.2	336.9	409.5
-67.5°	0.0	2.8	8.7	21.2	44.9	79.1	130.3	184.6	235.4	294.9	360.9
-70°	0.0	2.5	7.9	18.3	39.1	69.4	109.9	157.0	202.5	250.9	308.6
-72.5°	0.0	2.2	7.0	16.1	32.8	58.9	93.4	128.5	168.6	211.1	255.9
-75°	0.0	1.9	6.1	14.1	26.1	47.7	76.7	104.7	133.7	170.3	208.8
-77.5°	0.0	1.6	5.1	11.9	21.6	36.0	59.1	82.3	106.2	131.4	160.7
-80°	0.0	1.3	4.1	9.6	17.4	27.5	40.9	59.5	79.0	99.5	121.0
-82.5°	0.0	1.0	3.1	7.3	13.2	20.8	30.1	39.8	51.4	67.2	83.8
-85°	0.0	0.7	2.1	4.9	8.9	14.0	20.2	26.6	33.9	41.9	50.8
-87.5°	0.0	0.3	1.1	2.5	4.4	7.0	10.1	13.4	17.0	21.0	25.5
-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: P627992 (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°
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°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.5
67.5°	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.3	1.5
65°	3.0	3.0	4.1	4.4	3.2	3.0	3.0	3.0	3.1	2.7	2.8
62.5°	4.4	5.4	6.8	10.5	7.8	3.0	5.9	6.9	4.6	3.7	4.0
60°	13.2	9.1	23.2	32.1	21.0	11.1	13.7	27.3	22.5	6.1	15.9
57.5°	26.6	32.8	58.4	61.2	47.1	31.8	69.7	77.3	64.1	40.2	58.0
55°	55.5	77.9	98.5	97.4	97.9	123.1	144.7	142.0	125.2	172.7	217.5
52.5°	105.0	128.3	141.9	154.6	189.8	213.2	219.9	233.2	282.3	341.1	351.7
50°	154.0	178.0	196.0	241.9	277.9	296.4	313.6	358.6	432.9	473.2	479.6
47.5°	203.7	230.6	277.9	328.0	362.8	390.8	420.6	522.8	605.7	640.0	652.4
45°	255.5	302.0	361.1	412.5	452.9	490.7	587.7	727.2	785.5	838.1	972.1
42.5°	309.3	379.3	445.8	499.7	545.3	624.4	759.3	894.5	978.0	1089.9	1251.7
40°	377.9	456.3	533.5	588.3	645.2	765.0	932.0	1075.1	1163.4	1313.7	1498.1
37.5°	447.6	539.2	622.5	680.5	760.3	922.4	1118.7	1290.0	1399.5	1521.9	1818.2
35°	516.4	623.9	709.3	787.0	885.6	1109.1	1350.9	1541.6	1677.0	1886.5	2261.5
32.5°	589.9	710.0	797.4	903.1	1065.2	1315.1	1612.1	1823.8	2048.4	2349.8	2950.5
30°	668.1	790.7	891.1	1018.1	1235.6	1527.1	1871.8	2137.9	2442.8	2932.3	3579.8
27.5°	746.1	871.0	994.8	1156.3	1395.1	1710.1	2070.1	2489.6	2883.6	3431.0	4138.8
25°	821.1	952.9	1096.4	1291.6	1549.9	1879.6	2272.6	2756.5	3270.7	3896.8	4727.9
22.5°	892.6	1036.1	1204.0	1413.8	1680.4	2040.5	2509.1	3077.6	3695.5	4344.0	5299.0
20°	962.8	1129.0	1321.7	1556.5	1800.6	2188.8	2740.5	3428.8	4203.2	5091.7	6027.5
17.5°	1032.1	1220.7	1443.2	1704.2	1999.9	2397.3	2977.7	3797.2	4739.7	5896.0	7048.3
15°	1100.0	1310.6	1560.7	1850.0	2201.0	2675.9	3335.2	4235.9	5374.5	6759.3	8124.3
12.5°	1165.8	1397.8	1673.4	1992.5	2396.0	2938.2	3672.1	4643.8	5948.5	7602.9	9279.7
10°	1228.9	1481.5	1780.5	2130.1	2582.8	3182.3	3969.9	4996.6	6381.5	8086.5	9951.4
7.5°	1261.0	1538.2	1871.9	2260.8	2759.1	3406.4	4229.0	5294.9	6719.9	8475.4	10345.3
5°	1284.0	1564.1	1906.2	2313.1	2855.9	3558.8	4427.3	5538.7	6969.2	8768.0	10612.1
2.5°	1301.6	1582.7	1931.2	2342.6	2894.2	3609.6	4492.9	5623.7	7103.0	8920.7	10767.5
0°	1313.8	1594.1	1946.6	2359.5	2913.9	3634.1	4523.1	5659.1	7159.8	8955.7	10824.0
-2.5°	1326.7	1609.7	1962.8	2385.7	2941.6	3667.6	4556.4	5684.1	7202.3	8965.4	10854.6
-5°	1334.1	1618.0	1969.2	2398.4	2950.5	3673.8	4554.0	5660.3	7168.4	8895.1	10788.2
-7.5°	1336.2	1619.0	1965.7	2395.9	2939.2	3645.3	4505.9	5589.6	7051.5	8752.7	10625.3
-10°	1332.9	1611.9	1952.7	2374.1	2906.1	3586.2	4419.8	5467.3	6859.4	8517.6	10350.0
-12.5°	1323.2	1596.8	1929.5	2338.6	2852.8	3502.0	4298.5	5292.8	6592.7	8190.8	9961.9
-15°	1307.5	1574.3	1895.9	2289.5	2779.2	3393.7	4142.6	5066.2	6249.2	7775.3	9478.7
-17.5°	1286.0	1544.5	1852.0	2226.8	2685.3	3262.2	3954.2	4801.0	5878.8	7311.7	8941.6
-20°	1258.6	1507.4	1797.6	2150.8	2577.0	3123.6	3779.4	4566.2	5532.2	6780.7	8307.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1225.2	1463.2	1740.1	2077.9	2480.9	2979.7	3583.8	4300.0	5143.4	6167.0	7615.7
-25°	1190.9	1420.8	1684.2	1996.9	2371.2	2816.7	3360.2	4012.6	4776.4	5713.4	6911.1
-27.5°	1157.1	1372.1	1619.6	1903.4	2248.3	2648.5	3149.9	3744.7	4425.4	5222.1	6197.5
-30°	1119.0	1317.7	1548.2	1805.4	2130.5	2502.1	2935.4	3445.0	4050.3	4770.3	5618.1
-32.5°	1077.3	1259.3	1479.2	1720.5	2004.2	2342.5	2717.3	3178.2	3704.8	4298.8	5031.6
-35°	1035.8	1209.5	1408.5	1629.2	1868.7	2185.5	2529.8	2912.3	3360.2	3886.2	4472.2
-37.5°	996.0	1155.2	1332.7	1538.5	1763.1	2026.1	2330.4	2675.6	3061.2	3479.7	3986.0
-40°	951.6	1096.5	1264.4	1450.8	1649.5	1877.5	2151.8	2444.8	2776.7	3145.0	3536.0
-42.5°	903.3	1042.6	1195.8	1356.4	1538.7	1742.4	1969.9	2237.9	2513.7	2822.2	3163.5
-45°	856.0	983.9	1124.1	1270.7	1424.1	1604.0	1810.7	2033.6	2278.1	2529.9	2816.6
-47.5°	806.2	923.0	1053.5	1181.3	1317.1	1470.6	1646.0	1848.3	2052.3	2276.4	2498.7
-50°	756.3	865.9	975.6	1094.8	1216.6	1344.3	1492.5	1667.1	1852.7	2038.7	2234.4
-52.5°	711.7	806.4	905.6	1007.9	1118.8	1232.5	1355.9	1499.8	1662.1	1826.0	1994.7
-55°	666.1	753.4	835.3	927.0	1022.9	1125.2	1235.3	1356.4	1478.8	1628.1	1773.3
-57.5°	621.5	699.0	770.2	848.3	933.7	1020.6	1119.8	1222.7	1333.9	1446.7	1565.4
-60°	576.8	642.7	707.3	774.8	846.4	923.7	1003.6	1094.0	1189.3	1287.3	1390.2
-62.5°	530.6	584.0	640.9	702.8	765.8	825.3	892.2	966.1	1044.8	1128.9	1216.1
-65°	478.8	523.1	570.6	624.5	683.7	731.7	782.9	838.5	903.5	972.8	1041.3
-67.5°	423.6	462.8	501.6	541.6	589.5	632.5	674.7	718.9	767.5	824.1	879.1
-70°	362.1	401.2	435.4	468.6	499.0	529.7	565.5	600.4	639.5	690.3	740.3
-72.5°	299.6	336.3	368.7	396.8	418.3	436.5	458.5	483.9	521.4	568.5	612.6
-75°	242.3	271.9	302.2	329.2	343.1	348.6	353.1	366.4	404.4	452.8	495.6
-77.5°	188.7	214.5	239.1	262.7	272.4	276.2	278.1	278.1	306.1	347.3	390.6
-80°	139.0	156.9	177.8	198.0	203.9	205.7	206.0	204.7	227.6	257.3	289.1
-82.5°	96.6	109.5	122.8	136.5	138.3	137.4	135.4	133.4	151.9	173.4	195.3
-85°	56.3	61.7	69.8	78.2	79.2	78.8	77.3	74.9	85.2	96.8	109.1
-87.5°	28.2	30.9	33.6	36.3	35.4	33.9	32.1	29.9	32.7	35.8	38.8
-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: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-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°	2.5	1.9	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.0	2.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.0	2.3	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.0	2.4	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.0	2.4	1.7	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	3.0	2.5	1.8	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3.0	2.6	1.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.7	0.8	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.4	1.5	1.6	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.1	3.0	2.2	1.5	0.7	0.6	0.7	0.6	0.3	0.0	0.0
62.5°	3.9	3.8	2.7	2.5	2.8	3.0	2.4	2.1	2.0	2.2	2.5
60°	17.0	9.7	9.9	12.6	10.7	4.9	9.8	12.5	11.7	8.9	7.7
57.5°	86.5	72.4	50.6	84.8	87.3	60.9	66.0	86.2	83.5	64.6	64.3
55°	217.9	221.1	237.3	258.8	274.7	282.0	288.5	320.9	355.5	389.4	406.4
52.5°	360.0	402.1	454.4	489.1	513.3	562.9	632.4	664.3	695.3	730.5	756.0
50°	530.1	603.3	655.9	663.5	746.1	799.7	812.4	872.2	937.4	977.9	1007.1
47.5°	788.7	881.3	927.0	956.3	1056.8	1167.0	1167.1	1201.5	1364.7	1450.1	1491.2
45°	1136.0	1213.2	1294.2	1504.7	1698.3	1759.7	1891.1	2069.2	2184.9	2344.2	2519.3
42.5°	1431.8	1576.7	1779.6	2011.4	2205.5	2367.0	2562.3	2776.3	3033.4	3275.2	3483.8
40°	1724.5	1903.8	2155.2	2407.3	2651.7	2875.5	3190.3	3465.5	3768.8	4101.4	4378.6
37.5°	2106.3	2336.0	2595.8	2913.7	3294.0	3542.4	3975.4	4371.0	4712.7	5114.3	5361.7
35°	2692.9	2992.2	3222.2	3865.0	4327.5	4618.1	5130.8	5780.8	6030.3	6536.1	6776.2
32.5°	3430.4	3828.1	4433.5	5284.6	5902.3	6437.3	7203.6	7863.1	8425.3	8933.3	9461.8
30°	4259.1	4872.8	5765.0	6896.0	7523.5	8272.8	9309.0	10091.0	10972.7	11940.5	12279.5
27.5°	5011.0	5930.3	6966.2	7882.3	8783.5	9716.8	10734.9	11739.6	12693.9	13499.2	14039.6
25°	5707.9	6821.2	7828.1	8807.0	9783.5	10834.5	11986.1	13125.6	14175.6	15004.3	15634.3
22.5°	6426.8	7603.0	8680.1	9673.4	10809.3	12000.3	13224.9	14531.9	15727.0	16586.7	17273.0
20°	7102.7	8410.9	9639.4	10770.4	11844.2	13219.1	14629.2	16015.6	17317.0	18341.0	19132.4
17.5°	8175.5	9311.1	10812.7	12282.0	13491.6	14754.6	16638.9	18069.8	19514.0	20740.4	21579.3
15°	9493.1	10741.7	12292.3	14310.1	15967.5	17414.7	19361.3	21688.9	23392.4	24958.0	26032.0
12.5°	10811.7	12224.0	13901.1	16171.9	18531.7	20236.2	22597.9	25547.4	27531.6	29955.5	31150.5
10°	11822.3	13595.8	15323.0	17395.2	19661.5	22088.8	24634.6	27394.1	30045.2	32126.6	33987.2
7.5°	12229.2	14118.3	16117.7	18232.0	20498.1	23003.2	25716.6	28588.0	31316.4	33641.2	35686.0
5°	12533.4	14469.0	16481.5	18643.5	21065.9	23682.0	26435.8	29450.5	32236.9	34728.5	36820.4
2.5°	12726.6	14680.5	16684.3	18882.4	21430.2	24123.9	26966.2	30060.7	32888.9	35454.0	37539.2
0°	12800.8	14726.3	16778.4	19041.5	21563.7	24263.6	27228.8	30359.7	33210.3	35690.3	37835.8
-2.5°	12810.8	14683.6	16784.6	19036.6	21449.9	24175.2	27176.1	30280.9	33073.6	35543.6	37708.3
-5°	12710.3	14582.3	16685.2	18903.1	21319.7	24024.4	26896.5	29896.8	32560.3	34964.2	37048.3
-7.5°	12506.5	14373.3	16429.6	18596.7	20948.2	23571.8	26330.3	29119.7	31732.6	34038.1	36027.2
-10°	12204.0	14031.6	16016.7	18128.2	20353.2	22848.6	25479.0	28144.0	30594.4	32726.5	34565.7
-12.5°	11794.4	13579.8	15475.5	17491.3	19562.4	21941.5	24425.1	26927.8	29161.2	31107.7	32758.0
-15°	11262.4	13006.2	14841.7	16748.1	18756.6	20908.1	23137.0	25432.6	27492.4	29218.6	30726.1
-17.5°	10635.8	12327.0	14070.2	15837.4	17743.1	19761.7	21830.7	23891.4	25648.2	27181.7	28560.3
-20°	9937.1	11566.6	13222.5	14869.9	16598.9	18465.8	20376.7	22186.8	23722.0	25115.3	26376.8



REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9153.8	10713.5	12300.6	13842.4	15401.5	17091.9	18798.5	20435.4	21871.4	23063.3	24159.5
-25°	8315.3	9756.4	11255.1	12700.6	14135.7	15650.5	17200.6	18706.7	19970.5	21005.5	21911.3
-27.5°	7470.4	8787.3	10107.7	11468.6	12795.0	14192.8	15596.3	16897.1	18031.8	18984.6	19745.8
-30°	6582.2	7759.6	8965.4	10196.7	11463.3	12742.5	14010.5	15149.5	16140.0	16978.1	17635.9
-32.5°	5844.2	6738.5	7803.1	8920.9	10108.2	11273.7	12376.8	13414.9	14348.3	15080.0	15637.9
-35°	5136.7	5894.2	6691.5	7680.8	8700.8	9773.4	10788.0	11714.6	12546.6	13186.0	13710.8
-37.5°	4528.6	5127.6	5801.9	6508.2	7363.4	8250.0	9165.8	10037.2	10779.1	11336.9	11805.6
-40°	4002.2	4475.1	5013.9	5573.8	6203.0	6840.0	7637.4	8372.8	8978.4	9499.8	9924.4
-42.5°	3526.3	3925.4	4323.2	4782.5	5257.3	5769.3	6328.9	6872.9	7337.6	7774.0	8134.7
-45°	3115.5	3434.3	3751.4	4106.1	4454.7	4871.2	5270.9	5627.7	6004.1	6330.9	6588.0
-47.5°	2756.3	3004.9	3276.7	3542.2	3822.1	4135.7	4433.2	4704.6	4980.5	5219.4	5411.1
-50°	2437.1	2643.1	2865.1	3073.6	3300.0	3529.4	3749.4	3965.3	4174.8	4356.6	4498.0
-52.5°	2157.6	2337.6	2510.6	2676.7	2856.7	3026.5	3185.8	3364.0	3527.8	3671.1	3767.9
-55°	1919.7	2066.7	2208.4	2347.1	2483.2	2612.0	2738.9	2877.3	3003.7	3117.6	3189.7
-57.5°	1696.3	1821.4	1941.4	2054.7	2162.7	2265.0	2371.9	2478.3	2575.8	2661.6	2717.3
-60°	1493.0	1595.2	1699.0	1791.5	1878.6	1960.4	2050.4	2135.5	2214.1	2280.2	2318.8
-62.5°	1306.7	1398.4	1475.1	1548.2	1622.3	1696.0	1759.9	1822.7	1883.5	1934.6	1968.2
-65°	1112.1	1189.8	1255.0	1313.8	1366.9	1423.9	1478.5	1527.7	1571.6	1604.8	1626.1
-67.5°	937.9	995.1	1047.4	1094.0	1141.4	1187.1	1229.0	1266.5	1299.4	1322.6	1337.9
-70°	786.5	830.2	873.0	915.5	957.7	993.3	1023.7	1051.6	1077.0	1087.6	1092.3
-72.5°	653.6	692.3	729.9	767.4	802.5	830.3	852.7	873.2	891.6	875.8	847.9
-75°	533.0	567.1	602.2	635.3	666.3	687.5	704.1	719.4	733.4	698.9	651.5
-77.5°	434.4	464.4	490.3	516.1	541.6	555.2	565.7	576.1	586.0	547.5	499.0
-80°	322.3	346.5	368.5	390.2	411.5	419.6	424.2	427.4	429.2	396.2	358.2
-82.5°	217.7	230.3	242.4	255.0	268.0	274.7	279.8	283.8	286.6	263.2	236.9
-85°	122.0	125.8	128.7	131.3	133.4	137.6	141.7	145.4	148.9	137.8	125.5
-87.5°	41.9	41.9	41.8	41.4	41.0	41.1	41.1	41.0	40.8	39.0	37.1
-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: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.5	2.2	2.0	2.1
60°	5.9	3.7	3.0	3.0	3.0	3.7	5.9	7.7	8.9	11.7	12.5
57.5°	59.9	52.2	46.9	42.2	46.9	52.2	59.9	64.3	64.6	83.5	86.2
55°	399.1	371.6	337.9	298.3	337.9	371.6	399.1	406.4	389.4	355.5	320.9
52.5°	782.9	808.9	823.9	822.6	823.9	808.9	782.9	756.0	730.5	695.3	664.3
50°	1030.5	1044.7	1045.4	1033.6	1045.4	1044.7	1030.5	1007.1	977.9	937.4	872.2
47.5°	1509.8	1490.0	1456.0	1419.3	1456.0	1490.0	1509.8	1491.2	1450.1	1364.7	1201.5
45°	2634.5	2698.0	2693.8	2612.6	2693.8	2698.0	2634.5	2519.3	2344.2	2184.9	2069.2
42.5°	3600.3	3695.4	3762.7	3796.8	3762.7	3695.4	3600.3	3483.8	3275.2	3033.4	2776.3
40°	4534.8	4626.6	4667.0	4664.7	4667.0	4626.6	4534.8	4378.6	4101.4	3768.8	3465.5
37.5°	5522.2	5641.0	5698.6	5671.2	5698.6	5641.0	5522.2	5361.7	5114.3	4712.7	4371.0
35°	6880.1	6991.3	6993.3	6936.8	6993.3	6991.3	6880.1	6776.2	6536.1	6030.3	5780.8
32.5°	9881.2	9918.5	9632.7	9531.3	9632.7	9918.5	9881.2	9461.8	8933.3	8425.3	7863.1
30°	12616.9	12880.6	13126.0	13249.8	13126.0	12880.6	12616.9	12279.5	11940.5	10972.7	10091.0
27.5°	14447.0	14764.3	14960.9	14973.4	14960.9	14764.3	14447.0	14039.6	13499.2	12693.9	11739.6
25°	16111.6	16466.5	16680.9	16754.3	16680.9	16466.5	16111.6	15634.3	15004.3	14175.6	13125.6
22.5°	17855.6	18273.8	18550.9	18607.5	18550.9	18273.8	17855.6	17273.0	16586.7	15727.0	14531.9
20°	19878.9	20365.7	20631.3	20620.5	20631.3	20365.7	19878.9	19132.4	18341.0	17317.0	16015.6
17.5°	22542.8	23064.7	23294.1	23193.9	23294.1	23064.7	22542.8	21579.3	20740.4	19514.0	18069.8
15°	27134.5	28226.4	28222.1	27786.3	28222.1	28226.4	27134.5	26032.0	24958.0	23392.4	21688.9
12.5°	32798.4	33612.2	34447.1	34626.6	34447.1	33612.2	32798.4	31150.5	29955.5	27531.6	25547.4
10°	35554.4	36635.1	37348.4	37329.6	37348.4	36635.1	35554.4	33987.2	32126.6	30045.2	27394.1
7.5°	37278.6	38472.6	39336.9	39318.4	39336.9	38472.6	37278.6	35686.0	33641.2	31316.4	28588.0
5°	38609.2	39933.5	40699.1	40755.8	40699.1	39933.5	38609.2	36820.4	34728.5	32236.9	29450.5
2.5°	39300.5	40682.7	41603.2	41482.0	41603.2	40682.7	39300.5	37539.2	35454.0	32888.9	30060.7
0°	39589.6	40957.7	41816.5	42187.1	41816.5	40957.7	39589.6	37835.8	35690.3	33210.3	30359.7
-2.5°	39463.3	40794.6	41743.7	41780.3	41743.7	40794.6	39463.3	37708.3	35543.6	33073.6	30280.9
-5°	38787.2	40192.0	40827.8	41165.6	40827.8	40192.0	38787.2	37048.3	34964.2	32560.3	29896.8
-7.5°	37696.7	38749.5	39557.2	39930.1	39557.2	38749.5	37696.7	36027.2	34038.1	31732.6	29119.7
-10°	35999.7	37089.5	37772.0	38079.9	37772.0	37089.5	35999.7	34565.7	32726.5	30594.4	28144.0
-12.5°	34119.7	35110.1	35759.0	36018.8	35759.0	35110.1	34119.7	32758.0	31107.7	29161.2	26927.8
-15°	32022.1	32921.4	33518.7	33767.8	33518.7	32921.4	32022.1	30726.1	29218.6	27492.4	25432.6
-17.5°	29713.0	30501.1	31096.2	31275.7	31096.2	30501.1	29713.0	28560.3	27181.7	25648.2	23891.4
-20°	27338.8	28051.2	28541.3	28648.1	28541.3	28051.2	27338.8	26376.8	25115.3	23722.0	22186.8



REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	24946.5	25533.3	25931.5	26065.6	25931.5	25533.3	24946.5	24159.5	23063.3	21871.4	20435.4
-25°	22608.5	23115.0	23435.5	23555.5	23435.5	23115.0	22608.5	21911.3	21005.5	19970.5	18706.7
-27.5°	20360.0	20832.1	21126.6	21165.9	21126.6	20832.1	20360.0	19745.8	18984.6	18031.8	16897.1
-30°	18147.5	18537.6	18764.5	18860.7	18764.5	18537.6	18147.5	17635.9	16978.1	16140.0	15149.5
-32.5°	16079.9	16420.6	16624.5	16679.0	16624.5	16420.6	16079.9	15637.9	15080.0	14348.3	13414.9
-35°	14128.0	14442.6	14623.4	14608.8	14623.4	14442.6	14128.0	13710.8	13186.0	12546.6	11714.6
-37.5°	12193.1	12483.4	12647.3	12632.0	12647.3	12483.4	12193.1	11805.6	11336.9	10779.1	10037.2
-40°	10273.6	10524.1	10668.5	10703.5	10668.5	10524.1	10273.6	9924.4	9499.8	8978.4	8372.8
-42.5°	8434.6	8665.8	8781.3	8735.7	8781.3	8665.8	8434.6	8134.7	7774.0	7337.6	6872.9
-45°	6767.9	6887.5	6966.1	7015.1	6966.1	6887.5	6767.9	6588.0	6330.9	6004.1	5627.7
-47.5°	5551.4	5650.5	5704.0	5713.3	5704.0	5650.5	5551.4	5411.1	5219.4	4980.5	4704.6
-50°	4608.0	4692.3	4729.6	4718.9	4729.6	4692.3	4608.0	4498.0	4356.6	4174.8	3965.3
-52.5°	3837.6	3886.4	3919.4	3935.5	3919.4	3886.4	3837.6	3767.9	3671.1	3527.8	3364.0
-55°	3243.9	3281.9	3304.2	3311.7	3304.2	3281.9	3243.9	3189.7	3117.6	3003.7	2877.3
-57.5°	2763.8	2800.0	2813.2	2808.5	2813.2	2800.0	2763.8	2717.3	2661.6	2575.8	2478.3
-60°	2348.5	2369.2	2384.7	2392.6	2384.7	2369.2	2348.5	2318.8	2280.2	2214.1	2135.5
-62.5°	1995.0	2014.4	2030.6	2040.0	2030.6	2014.4	1995.0	1968.2	1934.6	1883.5	1822.7
-65°	1641.0	1649.6	1652.0	1648.3	1652.0	1649.6	1641.0	1626.1	1604.8	1571.6	1527.7
-67.5°	1349.3	1356.5	1361.3	1362.0	1361.3	1356.5	1349.3	1337.9	1322.6	1299.4	1266.5
-70°	1096.8	1099.8	1096.3	1087.8	1096.3	1099.8	1096.8	1092.3	1087.6	1077.0	1051.6
-72.5°	819.4	789.3	759.4	726.2	759.4	789.3	819.4	847.9	875.8	891.6	873.2
-75°	602.4	551.5	533.1	515.3	533.1	551.5	602.4	651.5	698.9	733.4	719.4
-77.5°	448.1	395.2	381.0	367.6	381.0	395.2	448.1	499.0	547.5	586.0	576.1
-80°	318.3	277.0	267.9	259.1	267.9	277.0	318.3	358.2	396.2	429.2	427.4
-82.5°	209.2	180.4	174.6	168.7	174.6	180.4	209.2	236.9	263.2	286.6	283.8
-85°	112.5	99.0	96.3	93.4	96.3	99.0	112.5	125.5	137.8	148.9	145.4
-87.5°	35.1	33.0	33.1	33.1	33.1	33.0	35.1	37.1	39.0	40.8	41.0
-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: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-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°	0.0	0.0	0.0	0.7	1.3	1.9	2.5	2.4	2.3	2.2	2.1
85°	0.0	0.0	0.0	0.8	1.5	2.3	3.0	3.0	3.0	3.0	3.0
82.5°	0.0	0.0	0.1	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.0
80°	0.0	0.0	0.1	0.9	1.6	2.4	3.0	3.0	3.0	3.0	3.0
77.5°	0.0	0.0	0.2	0.9	1.7	2.4	3.0	3.0	3.0	3.0	3.0
75°	0.0	0.0	0.2	1.0	1.8	2.5	3.0	3.0	3.0	3.0	3.0
72.5°	0.0	0.0	0.2	0.9	1.8	2.6	3.0	3.0	3.0	3.0	3.0
70°	0.0	0.0	0.1	0.1	0.2	0.8	1.7	2.5	2.9	3.0	3.0
67.5°	0.0	0.0	0.5	1.2	1.6	1.5	1.4	1.5	2.3	3.0	3.0
65°	0.7	0.6	0.7	1.5	2.2	3.0	3.1	2.8	2.7	3.1	3.0
62.5°	2.4	3.0	2.8	2.5	2.7	3.8	3.9	4.0	3.7	4.6	6.9
60°	9.8	4.9	10.7	12.6	9.9	9.7	17.0	15.9	6.1	22.5	27.3
57.5°	66.0	60.9	87.3	84.8	50.6	72.4	86.5	58.0	40.2	64.1	77.3
55°	288.5	282.0	274.7	258.8	237.3	221.1	217.9	217.5	172.7	125.2	142.0
52.5°	632.4	562.9	513.3	489.1	454.4	402.1	360.0	351.7	341.1	282.3	233.2
50°	812.4	799.7	746.1	663.5	655.9	603.3	530.1	479.6	473.2	432.9	358.6
47.5°	1167.1	1167.0	1056.8	956.3	927.0	881.3	788.7	652.4	640.0	605.7	522.8
45°	1891.1	1759.7	1698.3	1504.7	1294.2	1213.2	1136.0	972.1	838.1	785.5	727.2
42.5°	2562.3	2367.0	2205.5	2011.4	1779.6	1576.7	1431.8	1251.7	1089.9	978.0	894.5
40°	3190.3	2875.5	2651.7	2407.3	2155.2	1903.8	1724.5	1498.1	1313.7	1163.4	1075.1
37.5°	3975.4	3542.4	3294.0	2913.7	2595.8	2336.0	2106.3	1818.2	1521.9	1399.5	1290.0
35°	5130.8	4618.1	4327.5	3865.0	3222.2	2992.2	2692.9	2261.5	1886.5	1677.0	1541.6
32.5°	7203.6	6437.3	5902.3	5284.6	4433.5	3828.1	3430.4	2950.5	2349.8	2048.4	1823.8
30°	9309.0	8272.8	7523.5	6896.0	5765.0	4872.8	4259.1	3579.8	2932.3	2442.8	2137.9
27.5°	10734.9	9716.8	8783.5	7882.3	6966.2	5930.3	5011.0	4138.8	3431.0	2883.6	2489.6
25°	11986.1	10834.5	9783.5	8807.0	7828.1	6821.2	5707.9	4727.9	3896.8	3270.7	2756.5
22.5°	13224.9	12000.3	10809.3	9673.4	8680.1	7603.0	6426.8	5299.0	4344.0	3695.5	3077.6
20°	14629.2	13219.1	11844.2	10770.4	9639.4	8410.9	7102.7	6027.5	5091.7	4203.2	3428.8
17.5°	16638.9	14754.6	13491.6	12282.0	10812.7	9311.1	8175.5	7048.3	5896.0	4739.7	3797.2
15°	19361.3	17414.7	15967.5	14310.1	12292.3	10741.7	9493.1	8124.3	6759.3	5374.5	4235.9
12.5°	22597.9	20236.2	18531.7	16171.9	13901.1	12224.0	10811.7	9279.7	7602.9	5948.5	4643.8
10°	24634.6	22088.8	19661.5	17395.2	15323.0	13595.8	11822.3	9951.4	8086.5	6381.5	4996.6
7.5°	25716.6	23003.2	20498.1	18232.0	16117.7	14118.3	12229.2	10345.3	8475.4	6719.9	5294.9
5°	26435.8	23682.0	21065.9	18643.5	16481.5	14469.0	12533.4	10612.1	8768.0	6969.2	5538.7
2.5°	26966.2	24123.9	21430.2	18882.4	16684.3	14680.5	12726.6	10767.5	8920.7	7103.0	5623.7
0°	27228.8	24263.6	21563.7	19041.5	16778.4	14726.3	12800.8	10824.0	8955.7	7159.8	5659.1
-2.5°	27176.1	24175.2	21449.9	19036.6	16784.6	14683.6	12810.8	10854.6	8965.4	7202.3	5684.1
-5°	26896.5	24024.4	21319.7	18903.1	16685.2	14582.3	12710.3	10788.2	8895.1	7168.4	5660.3
-7.5°	26330.3	23571.8	20948.2	18596.7	16429.6	14373.3	12506.5	10625.3	8752.7	7051.5	5589.6
-10°	25479.0	22848.6	20353.2	18128.2	16016.7	14031.6	12204.0	10350.0	8517.6	6859.4	5467.3
-12.5°	24425.1	21941.5	19562.4	17491.3	15475.5	13579.8	11794.4	9961.9	8190.8	6592.7	5292.8
-15°	23137.0	20908.1	18756.6	16748.1	14841.7	13006.2	11262.4	9478.7	7775.3	6249.2	5066.2
-17.5°	21830.7	19761.7	17743.1	15837.4	14070.2	12327.0	10635.8	8941.6	7311.7	5878.8	4801.0
-20°	20376.7	18465.8	16598.9	14869.9	13222.5	11566.6	9937.1	8307.7	6780.7	5532.2	4566.2



REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	18798.5	17091.9	15401.5	13842.4	12300.6	10713.5	9153.8	7615.7	6167.0	5143.4	4300.0
-25°	17200.6	15650.5	14135.7	12700.6	11255.1	9756.4	8315.3	6911.1	5713.4	4776.4	4012.6
-27.5°	15596.3	14192.8	12795.0	11468.6	10107.7	8787.3	7470.4	6197.5	5222.1	4425.4	3744.7
-30°	14010.5	12742.5	11463.3	10196.7	8965.4	7759.6	6582.2	5618.1	4770.3	4050.3	3445.0
-32.5°	12376.8	11273.7	10108.2	8920.9	7803.1	6738.5	5844.2	5031.6	4298.8	3704.8	3178.2
-35°	10788.0	9773.4	8700.8	7680.8	6691.5	5894.2	5136.7	4472.2	3886.2	3360.2	2912.3
-37.5°	9165.8	8250.0	7363.4	6508.2	5801.9	5127.6	4528.6	3986.0	3479.7	3061.2	2675.6
-40°	7637.4	6840.0	6203.0	5573.8	5013.9	4475.1	4002.2	3536.0	3145.0	2776.7	2444.8
-42.5°	6328.9	5769.3	5257.3	4782.5	4323.2	3925.4	3526.3	3163.5	2822.2	2513.7	2237.9
-45°	5270.9	4871.2	4454.7	4106.1	3751.4	3434.3	3115.5	2816.6	2529.9	2278.1	2033.6
-47.5°	4433.2	4135.7	3822.1	3542.2	3276.7	3004.9	2756.3	2498.7	2276.4	2052.3	1848.3
-50°	3749.4	3529.4	3300.0	3073.6	2865.1	2643.1	2437.1	2234.4	2038.7	1852.7	1667.1
-52.5°	3185.8	3026.5	2856.7	2676.7	2510.6	2337.6	2157.6	1994.7	1826.0	1662.1	1499.8
-55°	2738.9	2612.0	2483.2	2347.1	2208.4	2066.7	1919.7	1773.3	1628.1	1478.8	1356.4
-57.5°	2371.9	2265.0	2162.7	2054.7	1941.4	1821.4	1696.3	1565.4	1446.7	1333.9	1222.7
-60°	2050.4	1960.4	1878.6	1791.5	1699.0	1595.2	1493.0	1390.2	1287.3	1189.3	1094.0
-62.5°	1759.9	1696.0	1622.3	1548.2	1475.1	1398.4	1306.7	1216.1	1128.9	1044.8	966.1
-65°	1478.5	1423.9	1366.9	1313.8	1255.0	1189.8	1112.1	1041.3	972.8	903.5	838.5
-67.5°	1229.0	1187.1	1141.4	1094.0	1047.4	995.1	937.9	879.1	824.1	767.5	718.9
-70°	1023.7	993.3	957.7	915.5	873.0	830.2	786.5	740.3	690.3	639.5	600.4
-72.5°	852.7	830.3	802.5	767.4	729.9	692.3	653.6	612.6	568.5	521.4	483.9
-75°	704.1	687.5	666.3	635.3	602.2	567.1	533.0	495.6	452.8	404.4	366.4
-77.5°	565.7	555.2	541.6	516.1	490.3	464.4	434.4	390.6	347.3	306.1	278.1
-80°	424.2	419.6	411.5	390.2	368.5	346.5	322.3	289.1	257.3	227.6	204.7
-82.5°	279.8	274.7	268.0	255.0	242.4	230.3	217.7	195.3	173.4	151.9	133.4
-85°	141.7	137.6	133.4	131.3	128.7	125.8	122.0	109.1	96.8	85.2	74.9
-87.5°	41.1	41.1	41.0	41.4	41.8	41.9	41.9	38.8	35.8	32.7	29.9
-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: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-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°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
85°	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0
67.5°	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.7	3.9	3.0	3.0
65°	3.0	3.0	3.2	4.4	4.1	3.0	3.0	5.8	4.9	4.3	3.0
62.5°	5.9	3.0	7.8	10.5	6.8	5.4	4.4	12.5	8.1	5.7	4.1
60°	13.7	11.1	21.0	32.1	23.2	9.1	13.2	21.6	19.9	7.2	5.7
57.5°	69.7	31.8	47.1	61.2	58.4	32.8	26.6	36.9	33.6	19.6	7.7
55°	144.7	123.1	97.9	97.4	98.5	77.9	55.5	57.3	50.7	36.0	11.4
52.5°	219.9	213.2	189.8	154.6	141.9	128.3	105.0	81.1	75.2	53.8	28.3
50°	313.6	296.4	277.9	241.9	196.0	178.0	154.0	123.8	102.4	75.1	46.8
47.5°	420.6	390.8	362.8	328.0	277.9	230.6	203.7	168.0	132.4	103.2	65.6
45°	587.7	490.7	452.9	412.5	361.1	302.0	255.5	211.6	171.4	131.4	84.5
42.5°	759.3	624.4	545.3	499.7	445.8	379.3	309.3	260.1	210.1	159.5	106.7
40°	932.0	765.0	645.2	588.3	533.5	456.3	377.9	310.7	247.8	188.7	131.0
37.5°	1118.7	922.4	760.3	680.5	622.5	539.2	447.6	362.4	286.6	220.3	155.1
35°	1350.9	1109.1	885.6	787.0	709.3	623.9	516.4	418.5	332.9	252.1	178.8
32.5°	1612.1	1315.1	1065.2	903.1	797.4	710.0	589.9	481.8	380.4	283.9	202.1
30°	1871.8	1527.1	1235.6	1018.1	891.1	790.7	668.1	545.5	429.0	315.7	225.7
27.5°	2070.1	1710.1	1395.1	1156.3	994.8	871.0	746.1	609.4	478.3	350.6	251.7
25°	2272.6	1879.6	1549.9	1291.6	1096.4	952.9	821.1	673.4	530.8	390.8	277.0
22.5°	2509.1	2040.5	1680.4	1413.8	1204.0	1036.1	892.6	738.2	583.9	430.6	301.7
20°	2740.5	2188.8	1800.6	1556.5	1321.7	1129.0	962.8	800.0	635.9	469.7	325.5
17.5°	2977.7	2397.3	1999.9	1704.2	1443.2	1220.7	1032.1	858.6	686.4	507.9	348.4
15°	3335.2	2675.9	2201.0	1850.0	1560.7	1310.6	1100.0	913.8	735.1	544.7	368.8
12.5°	3672.1	2938.2	2396.0	1992.5	1673.4	1397.8	1165.8	965.5	781.5	575.2	385.8
10°	3969.9	3182.3	2582.8	2130.1	1780.5	1481.5	1228.9	1006.1	809.0	599.6	401.0
7.5°	4229.0	3406.4	2759.1	2260.8	1871.9	1538.2	1261.0	1027.4	829.9	621.0	414.4
5°	4427.3	3558.8	2855.9	2313.1	1906.2	1564.1	1284.0	1044.5	846.5	639.3	425.8
2.5°	4492.9	3609.6	2894.2	2342.6	1931.2	1582.7	1301.6	1057.7	859.1	654.4	435.4
0°	4523.1	3634.1	2913.9	2359.5	1946.6	1594.1	1313.8	1066.7	867.8	666.0	443.0
-2.5°	4556.4	3667.6	2941.6	2385.7	1962.8	1609.7	1326.7	1080.8	880.4	679.0	455.8
-5°	4554.0	3673.8	2950.5	2398.4	1969.2	1618.0	1334.1	1090.9	889.4	688.5	466.4
-7.5°	4505.9	3645.3	2939.2	2395.9	1965.7	1619.0	1336.2	1096.8	895.0	694.6	474.8
-10°	4419.8	3586.2	2906.1	2374.1	1952.7	1611.9	1332.9	1098.6	897.2	697.1	480.8
-12.5°	4298.5	3502.0	2852.8	2338.6	1929.5	1596.8	1323.2	1093.5	895.9	696.3	484.2
-15°	4142.6	3393.7	2779.2	2289.5	1895.9	1574.3	1307.5	1082.9	888.1	691.2	484.9
-17.5°	3954.2	3262.2	2685.3	2226.8	1852.0	1544.5	1286.0	1068.3	877.5	682.3	483.9
-20°	3779.4	3123.6	2577.0	2150.8	1797.6	1507.4	1258.6	1049.5	864.2	671.2	481.6

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1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3583.8	2979.7	2480.9	2077.9	1740.1	1463.2	1225.2	1026.7	848.5	657.9	477.3
-25°	3360.2	2816.7	2371.2	1996.9	1684.2	1420.8	1190.9	1000.0	830.4	642.8	470.9
-27.5°	3149.9	2648.5	2248.3	1903.4	1619.6	1372.1	1157.1	975.3	809.6	626.1	462.6
-30°	2935.4	2502.1	2130.5	1805.4	1548.2	1317.7	1119.0	948.8	786.0	611.3	452.3
-32.5°	2717.3	2342.5	2004.2	1720.5	1479.2	1259.3	1077.3	920.3	761.5	596.7	443.8
-35°	2529.8	2185.5	1868.7	1629.2	1408.5	1209.5	1035.8	890.1	736.1	580.2	434.5
-37.5°	2330.4	2026.1	1763.1	1538.5	1332.7	1155.2	996.0	854.6	710.1	561.7	423.4
-40°	2151.8	1877.5	1649.5	1450.8	1264.4	1096.5	951.6	816.7	685.7	541.4	410.3
-42.5°	1969.9	1742.4	1538.7	1356.4	1195.8	1042.6	903.3	776.2	654.2	522.6	395.3
-45°	1810.7	1604.0	1424.1	1270.7	1124.1	983.9	856.0	734.2	620.4	503.3	379.7
-47.5°	1646.0	1470.6	1317.1	1181.3	1053.5	923.0	806.2	695.4	585.4	481.7	363.7
-50°	1492.5	1344.3	1216.6	1094.8	975.6	865.9	756.3	655.3	553.5	453.4	345.8
-52.5°	1355.9	1232.5	1118.8	1007.9	905.6	806.4	711.7	614.6	520.2	425.2	325.9
-55°	1235.3	1125.2	1022.9	927.0	835.3	753.4	666.1	576.3	485.5	396.1	304.7
-57.5°	1119.8	1020.6	933.7	848.3	770.2	699.0	621.5	536.6	450.6	365.6	285.8
-60°	1003.6	923.7	846.4	774.8	707.3	642.7	576.8	495.6	414.3	334.3	263.0
-62.5°	892.2	825.3	765.8	702.8	640.9	584.0	530.6	453.3	376.6	303.3	237.7
-65°	782.9	731.7	683.7	624.5	570.6	523.1	478.8	409.5	336.9	270.2	211.3
-67.5°	674.7	632.5	589.5	541.6	501.6	462.8	423.6	360.9	294.9	235.4	184.6
-70°	565.5	529.7	499.0	468.6	435.4	401.2	362.1	308.6	250.9	202.5	157.0
-72.5°	458.5	436.5	418.3	396.8	368.7	336.3	299.6	255.9	211.1	168.6	128.5
-75°	353.1	348.6	343.1	329.2	302.2	271.9	242.3	208.8	170.3	133.7	104.7
-77.5°	278.1	276.2	272.4	262.7	239.1	214.5	188.7	160.7	131.4	106.2	82.3
-80°	206.0	205.7	203.9	198.0	177.8	156.9	139.0	121.0	99.5	79.0	59.5
-82.5°	135.4	137.4	138.3	136.5	122.8	109.5	96.6	83.8	67.2	51.4	39.8
-85°	77.3	78.8	79.2	78.2	69.8	61.7	56.3	50.8	41.9	33.9	26.6
-87.5°	32.1	33.9	35.4	36.3	33.6	30.9	28.2	25.5	21.0	17.0	13.4
-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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Scaled Data Report



REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
70°	3.0	3.0	3.0	3.0	2.0	1.0	0.0
67.5°	3.3	3.0	3.0	3.0	2.3	1.1	0.0
65°	3.6	3.3	3.0	3.0	2.5	1.3	0.0
62.5°	4.1	4.0	3.0	3.0	2.8	1.4	0.0
60°	4.7	4.8	3.0	3.0	3.0	1.5	0.0
57.5°	8.1	5.7	3.8	3.0	3.0	1.6	0.0
55°	12.5	6.7	4.8	3.0	3.1	1.7	0.0
52.5°	17.4	8.3	5.7	3.0	3.1	1.8	0.0
50°	23.0	13.6	6.7	3.0	3.2	1.9	0.0
47.5°	30.7	19.1	7.8	3.2	3.3	2.0	0.0
45°	47.0	25.1	8.9	4.0	3.4	2.1	0.0
42.5°	63.2	31.3	10.0	4.9	3.5	2.2	0.0
40°	79.4	37.9	13.2	6.0	3.6	2.3	0.0
37.5°	95.5	44.9	18.3	7.3	3.7	2.4	0.0
35°	111.4	55.7	23.6	8.7	3.8	2.5	0.0
32.5°	128.2	68.3	28.8	10.2	4.0	2.5	0.0
30°	147.0	80.6	34.1	11.8	4.1	2.6	0.0
27.5°	165.3	92.5	40.2	13.5	4.2	2.7	0.0
25°	182.9	103.9	46.3	15.3	4.4	2.7	0.0
22.5°	199.8	115.1	52.2	17.1	4.6	2.8	0.0
20°	215.8	125.9	57.9	19.0	4.7	2.8	0.0
17.5°	230.7	136.1	63.4	20.9	4.9	2.9	0.0
15°	244.4	145.6	68.7	22.8	5.1	2.9	0.0
12.5°	256.9	154.5	73.7	24.7	5.2	2.9	0.0
10°	268.3	162.6	78.3	26.6	5.4	3.0	0.0
7.5°	278.4	169.9	82.7	28.4	5.6	3.0	0.0
5°	287.4	176.4	86.7	30.1	5.7	3.0	0.0
2.5°	295.0	182.0	90.3	31.6	5.9	3.0	0.0
0°	301.3	186.8	93.4	33.1	6.0	3.0	0.0
-2.5°	309.5	192.7	97.7	35.2	6.9	3.2	0.0
-5°	316.3	197.7	101.4	37.1	7.8	3.4	0.0
-7.5°	321.7	201.6	104.7	38.9	8.7	3.6	0.0
-10°	325.5	204.7	107.3	40.4	9.5	3.7	0.0
-12.5°	327.8	206.6	109.3	41.7	10.3	3.9	0.0
-15°	328.5	207.6	110.6	42.8	11.1	4.0	0.0
-17.5°	327.5	207.5	111.2	43.6	11.7	4.2	0.0
-20°	326.6	206.3	111.0	44.2	12.4	4.3	0.0

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REPORT NUMBER: P627992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	326.8	204.0	110.1	44.4	12.9	4.4	0.0
-25°	325.3	203.3	108.4	44.4	13.4	4.5	0.0
-27.5°	322.2	202.4	105.9	44.1	13.8	4.5	0.0
-30°	317.5	200.2	102.9	43.5	14.2	4.6	0.0
-32.5°	311.1	196.8	101.6	42.6	14.4	4.6	0.0
-35°	305.0	192.1	99.5	41.3	14.5	4.6	0.0
-37.5°	298.1	186.9	96.5	39.8	14.6	4.6	0.0
-40°	289.5	182.4	92.7	37.9	14.6	4.5	0.0
-42.5°	279.2	176.6	89.9	36.1	14.4	4.5	0.0
-45°	267.3	169.8	88.1	34.7	14.2	4.4	0.0
-47.5°	253.8	161.7	85.4	32.9	13.9	4.3	0.0
-50°	242.0	152.6	81.9	32.3	13.5	4.2	0.0
-52.5°	229.3	142.3	77.4	31.8	12.9	4.0	0.0
-55°	215.1	133.9	72.0	31.0	12.3	3.9	0.0
-57.5°	199.6	124.9	65.8	29.8	11.6	3.7	0.0
-60°	183.1	114.5	59.0	28.1	10.9	3.5	0.0
-62.5°	167.0	103.0	54.9	26.2	10.2	3.2	0.0
-65°	149.4	90.4	50.2	23.8	9.5	3.0	0.0
-67.5°	130.3	79.1	44.9	21.2	8.7	2.8	0.0
-70°	109.9	69.4	39.1	18.3	7.9	2.5	0.0
-72.5°	93.4	58.9	32.8	16.1	7.0	2.2	0.0
-75°	76.7	47.7	26.1	14.1	6.1	1.9	0.0
-77.5°	59.1	36.0	21.6	11.9	5.1	1.6	0.0
-80°	40.9	27.5	17.4	9.6	4.1	1.3	0.0
-82.5°	30.1	20.8	13.2	7.3	3.1	1.0	0.0
-85°	20.2	14.0	8.9	4.9	2.1	0.7	0.0
-87.5°	10.1	7.0	4.4	2.5	1.1	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)