

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: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627872 (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-SA6C-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: -

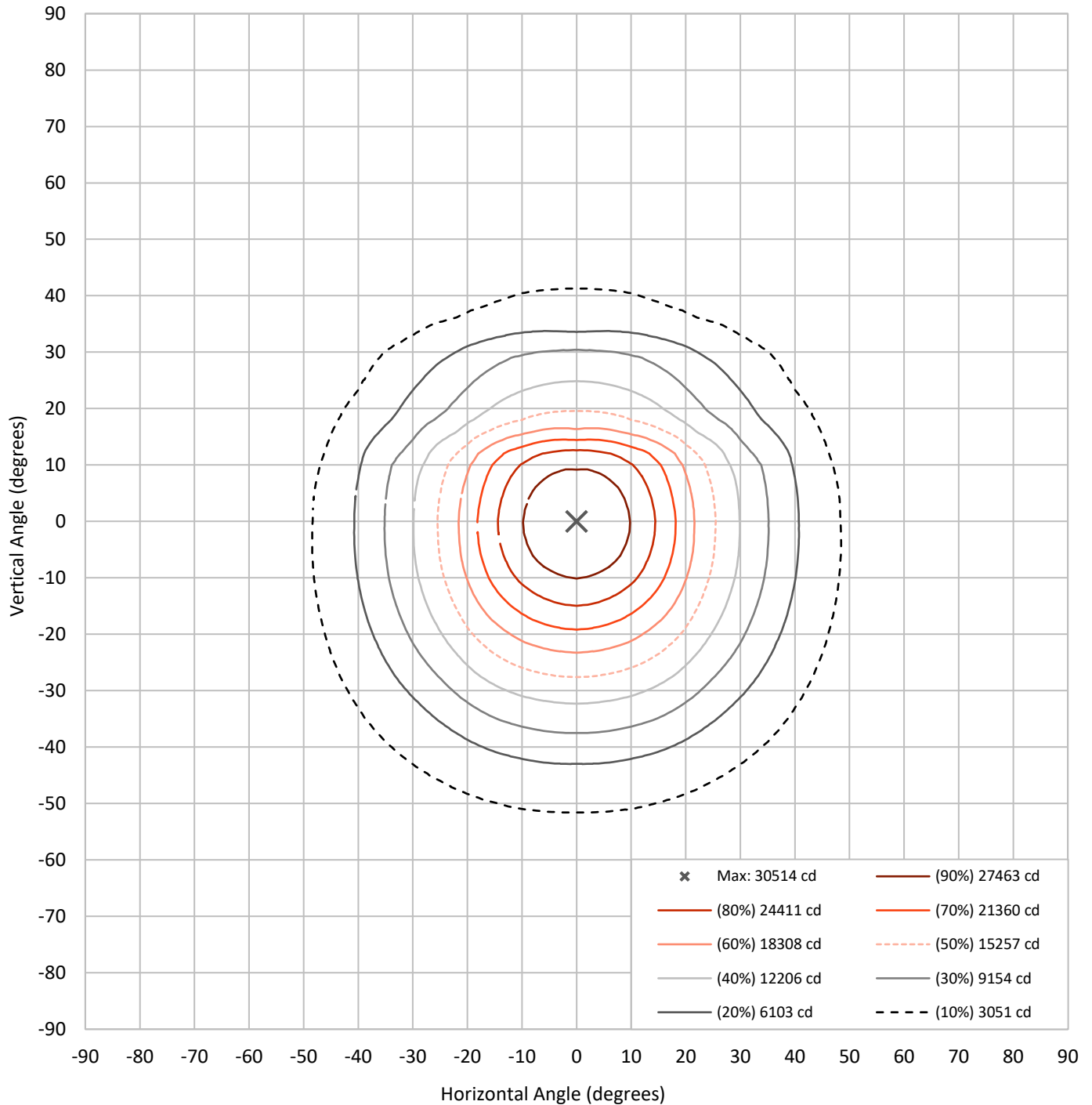
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	26920 lumens	Max Intensity:	30514 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.8 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:	12960.7 lumens	Field Lumens:	24102.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	247.5		
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





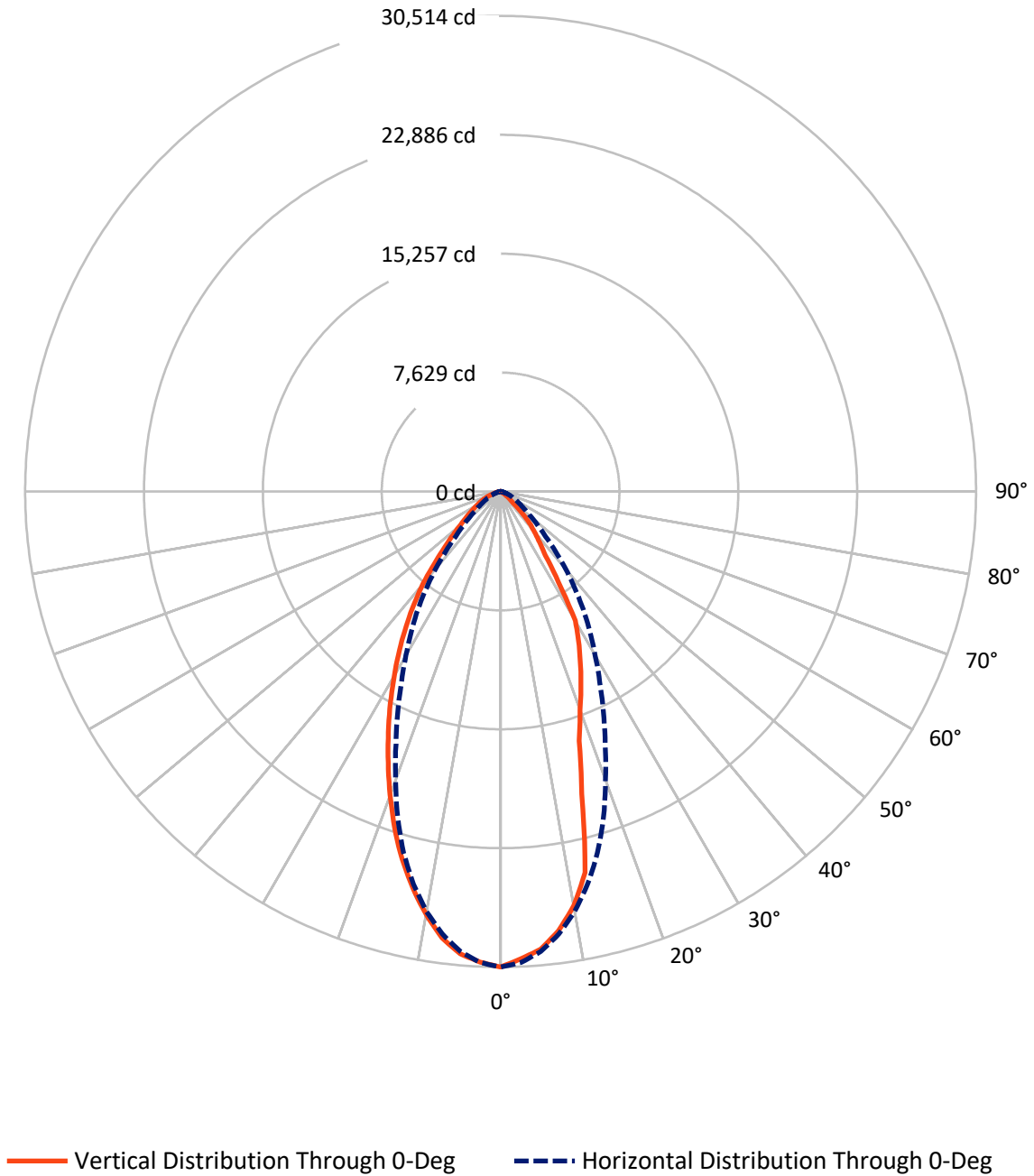
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Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			
50		0.6	1.4	2.5	4.2	6.2	8.5	9.5	9.5	8.5	6.2	4.2	2.5	1.4	0.6				
40	1.1	2.1	5.2	10.9	20.0	32.9	47.4	58.2	58.2	47.4	32.9	20.0	10.9	5.2	2.1	1.1			
30		4.1	10.5	24.3	50.3	92.3	141.2	169.8	169.8	141.2	92.3	50.3	24.3	10.5	4.1				
20	2.9	6.4	17.1	44.2	104.6	196.3	298.8	360.1	360.1	298.8	196.3	104.6	44.2	17.1	6.4	2.9			
10		8.7	24.3	69.3	172.0	318.1	497.1	614.5	614.5	497.1	318.1	172.0	69.3	24.3	8.7				
0	4.2	10.2	30.5	89.7	225.9	421.0	676.0	857.1	857.1	676.0	421.0	225.9	89.7	30.5	10.2	4.2			
-10		10.6	31.8	92.5	229.1	427.1	682.9	862.5	862.5	682.9	427.1	229.1	92.5	31.8	10.6				
-20	4.5	10.5	30.1	82.4	203.0	375.1	578.1	713.4	713.4	578.1	375.1	203.0	82.4	30.1	10.5	4.5			
-30		9.6	26.0	64.5	151.5	282.7	421.4	505.3	505.3	421.4	282.7	151.5	64.5	26.0	9.6				
-40	3.8	8.4	21.1	46.6	95.4	175.4	264.7	315.0	315.0	264.7	175.4	95.4	46.6	21.1	8.4	3.8			
-50		7.0	16.3	32.2	57.3	91.8	131.7	156.8	156.8	131.7	91.8	57.3	32.2	16.3	7.0				
-60	2.4	5.4	11.9	21.5	35.0	50.3	65.1	73.7	73.7	65.1	50.3	35.0	21.5	11.9	5.4	2.4			
-70		3.8	7.9	13.2	20.3	27.7	33.9	36.9	36.9	33.9	27.7	20.3	13.2	7.9	3.8				
-80	0.6	7.7		19.7		35.4		32.2		35.4		19.7		7.7		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

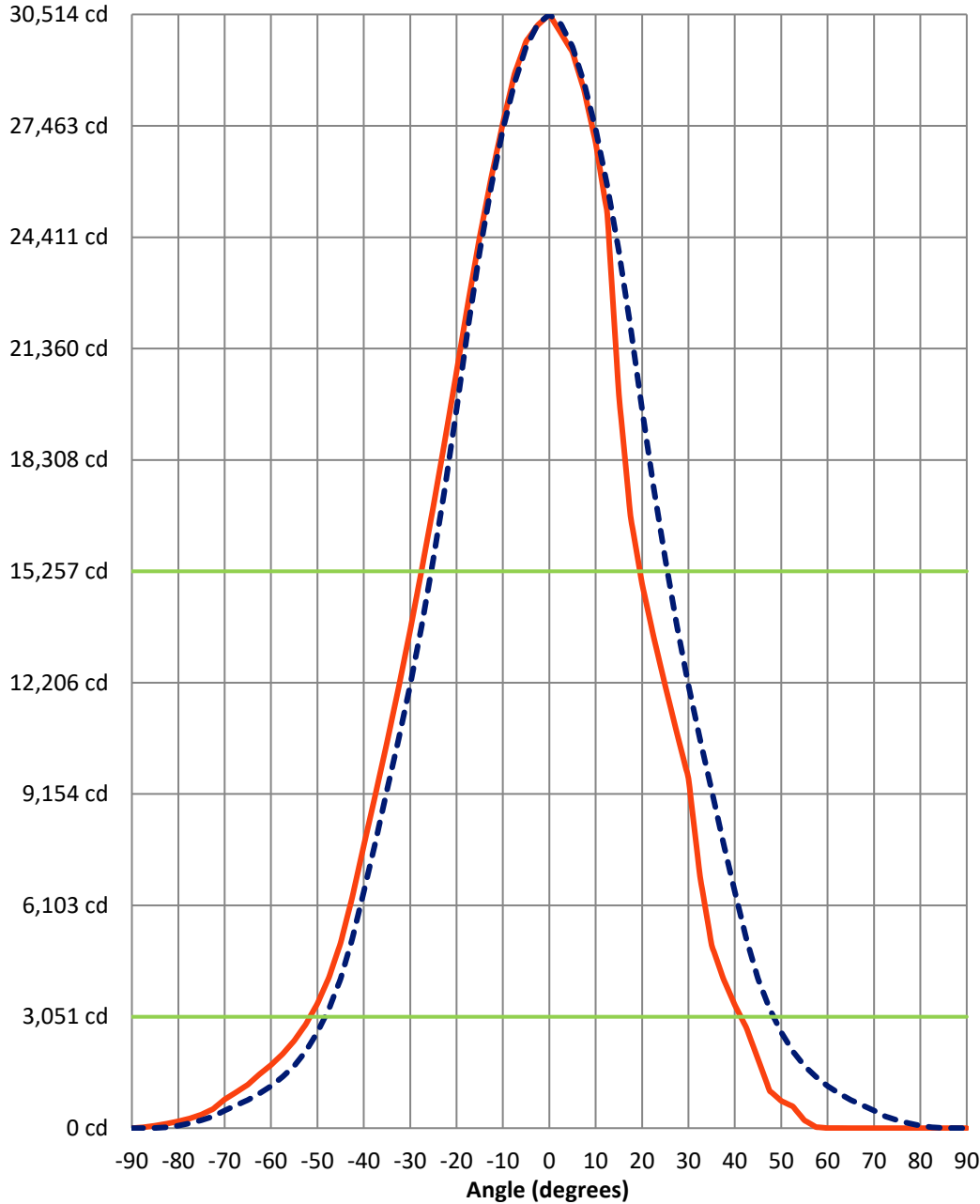
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 12960.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 24102.5
 Efficiency: 89.5%

Spill:
 Lumens: 2817.4
 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	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.2	2.2	2.2
80°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.2	2.2	2.2	2.2
77.5°	0.0	0.5	1.0	1.4	1.9	2.2	2.2	2.2	2.2	2.2	2.2
75°	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	0.0	0.7	1.3	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	0.0	0.8	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4
67.5°	0.0	0.8	1.7	2.2	2.2	2.2	2.4	2.2	2.2	2.8	2.7
65°	0.0	0.9	1.9	2.2	2.2	2.4	2.6	2.2	3.1	3.6	4.2
62.5°	0.0	1.0	2.0	2.2	2.2	2.9	3.0	3.0	4.1	5.8	9.1
60°	0.0	1.1	2.2	2.2	2.2	3.5	3.4	4.1	5.2	14.4	15.6
57.5°	0.0	1.2	2.2	2.2	2.8	4.1	5.9	5.6	14.2	24.3	26.7
55°	0.0	1.3	2.3	2.2	3.5	4.8	9.0	8.3	26.0	36.7	41.4
52.5°	0.0	1.3	2.3	2.2	4.2	6.0	12.6	20.4	38.9	54.4	58.7
50°	0.0	1.4	2.3	2.2	4.9	9.8	16.6	33.9	54.4	74.1	89.5
47.5°	0.0	1.5	2.4	2.3	5.6	13.8	22.2	47.4	74.6	95.7	121.5
45°	0.0	1.6	2.5	2.9	6.4	18.1	34.0	61.1	95.0	124.0	153.1
42.5°	0.0	1.6	2.5	3.5	7.2	22.7	45.7	77.2	115.4	151.9	188.1
40°	0.0	1.7	2.6	4.3	9.5	27.4	57.4	94.8	136.5	179.2	224.7
37.5°	0.0	1.7	2.7	5.3	13.2	32.4	69.0	112.2	159.3	207.3	262.1
35°	0.0	1.8	2.8	6.3	17.0	40.3	80.5	129.3	182.3	240.8	302.7
32.5°	0.0	1.9	2.9	7.4	20.8	49.4	92.7	146.1	205.4	275.1	348.5
30°	0.0	1.9	3.0	8.5	24.7	58.3	106.3	163.3	228.3	310.3	394.5
27.5°	0.0	2.0	3.1	9.8	29.1	66.9	119.5	182.0	253.6	346.0	440.8
25°	0.0	2.0	3.2	11.1	33.5	75.2	132.3	200.4	282.7	383.9	487.0
22.5°	0.0	2.0	3.3	12.4	37.7	83.2	144.5	218.2	311.5	422.4	533.9
20°	0.0	2.1	3.5	13.8	41.9	91.0	156.1	235.5	339.8	460.0	578.7
17.5°	0.0	2.1	3.6	15.2	45.9	98.4	166.9	252.0	367.4	496.5	621.0
15°	0.0	2.1	3.7	16.5	49.7	105.3	176.8	266.7	394.0	531.7	661.0
12.5°	0.0	2.1	3.8	17.9	53.3	111.7	185.9	279.1	416.1	565.2	698.4
10°	0.0	2.2	4.0	19.3	56.7	117.6	194.1	290.0	433.7	585.1	727.8
7.5°	0.0	2.2	4.1	20.5	59.8	122.8	201.4	299.7	449.2	600.2	743.1
5°	0.0	2.2	4.2	21.8	62.7	127.5	207.9	308.0	462.4	612.3	755.6
2.5°	0.0	2.2	4.3	22.9	65.3	131.6	213.4	314.9	473.3	621.4	765.1
0°	0.0	2.2	4.4	24.0	67.6	135.1	218.0	320.4	481.7	627.7	771.6
-2.5°	0.0	2.3	5.1	25.5	70.7	139.4	223.9	329.6	491.1	636.8	781.8
-5°	0.0	2.5	5.7	26.9	73.4	142.9	228.8	337.3	498.0	643.3	789.1
-7.5°	0.0	2.6	6.3	28.2	75.7	145.8	232.7	343.4	502.4	647.3	793.4
-10°	0.0	2.7	6.9	29.3	77.6	148.0	235.5	347.7	504.2	648.9	794.7
-12.5°	0.0	2.8	7.5	30.2	79.1	149.4	237.1	350.2	503.6	647.9	791.0
-15°	0.0	2.9	8.0	31.0	80.0	150.1	237.6	350.7	499.9	642.3	783.3
-17.5°	0.0	3.0	8.5	31.6	80.4	150.0	236.9	350.0	493.5	634.6	772.7
-20°	0.0	3.1	9.0	32.0	80.3	149.2	236.2	348.4	485.4	625.1	759.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-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	3.2	9.4	32.2	79.7	147.5	236.3	345.2	475.9	613.7	742.6
-25°	0.0	3.2	9.7	32.2	78.5	147.0	235.3	340.6	465.0	600.6	723.3
-27.5°	0.0	3.3	10.0	31.9	76.7	146.4	233.0	334.6	452.8	585.5	705.4
-30°	0.0	3.3	10.3	31.5	74.5	144.8	229.6	327.2	442.2	568.5	686.2
-32.5°	0.0	3.3	10.4	30.8	73.5	142.3	225.0	321.0	431.6	550.8	665.7
-35°	0.0	3.3	10.5	29.9	72.0	138.9	220.6	314.3	419.7	532.5	643.8
-37.5°	0.0	3.3	10.6	28.8	69.8	135.2	215.6	306.2	406.3	513.6	618.1
-40°	0.0	3.3	10.5	27.4	67.1	131.9	209.4	296.8	391.7	496.0	590.7
-42.5°	0.0	3.2	10.4	26.1	65.0	127.8	202.0	285.9	378.0	473.2	561.5
-45°	0.0	3.2	10.3	25.1	63.8	122.8	193.4	274.6	364.0	448.7	531.1
-47.5°	0.0	3.1	10.0	23.8	61.8	117.0	183.6	263.1	348.4	423.4	503.0
-50°	0.0	3.0	9.7	23.3	59.2	110.4	175.1	250.1	327.9	400.4	474.0
-52.5°	0.0	2.9	9.3	23.0	56.0	103.0	165.9	235.8	307.5	376.3	444.6
-55°	0.0	2.8	8.9	22.4	52.1	96.9	155.6	220.5	286.5	351.2	416.8
-57.5°	0.0	2.7	8.4	21.5	47.6	90.3	144.4	206.8	264.5	325.9	388.1
-60°	0.0	2.5	7.8	20.3	42.7	82.8	132.4	190.3	241.8	299.7	358.5
-62.5°	0.0	2.3	7.4	18.9	39.7	74.5	120.8	171.9	219.4	272.5	327.9
-65°	0.0	2.2	6.8	17.2	36.3	65.4	108.1	152.8	195.5	243.7	296.2
-67.5°	0.0	2.0	6.3	15.3	32.5	57.2	94.2	133.5	170.3	213.3	261.1
-70°	0.0	1.8	5.7	13.2	28.2	50.2	79.5	113.5	146.5	181.5	223.3
-72.5°	0.0	1.6	5.0	11.6	23.7	42.6	67.5	93.0	121.9	152.7	185.1
-75°	0.0	1.4	4.4	10.1	18.8	34.5	55.4	75.7	96.7	123.2	151.1
-77.5°	0.0	1.2	3.7	8.6	15.5	26.0	42.7	59.5	76.8	95.0	116.2
-80°	0.0	0.9	3.0	7.0	12.6	19.8	29.5	43.0	57.1	72.0	87.5
-82.5°	0.0	0.7	2.3	5.3	9.5	15.0	21.7	28.7	37.1	48.6	60.6
-85°	0.0	0.5	1.5	3.5	6.4	10.1	14.6	19.2	24.5	30.3	36.7
-87.5°	0.0	0.2	0.8	1.8	3.2	5.1	7.3	9.7	12.3	15.2	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°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.8
67.5°	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	1.7	1.1
65°	2.2	2.2	3.0	3.2	2.3	2.2	2.2	2.2	2.3	2.0	2.0
62.5°	3.2	3.9	4.9	7.6	5.7	2.2	4.3	5.0	3.4	2.7	3.0
60°	9.5	6.5	16.8	23.3	15.2	8.1	9.9	19.8	16.3	4.5	11.6
57.5°	19.2	23.7	42.2	44.3	34.1	23.1	50.5	55.9	46.4	29.1	41.9
55°	40.1	56.3	71.2	70.4	70.8	89.0	104.7	102.8	90.6	124.9	157.3
52.5°	75.9	92.8	102.7	111.8	137.3	154.2	159.1	168.7	204.2	246.7	254.4
50°	111.4	128.8	141.8	174.9	201.0	214.4	226.8	259.4	313.1	342.2	346.9
47.5°	147.3	166.7	201.0	237.2	262.5	282.7	304.2	378.1	438.0	462.9	471.9
45°	184.8	218.4	261.1	298.4	327.6	355.0	425.1	525.9	568.1	606.2	703.1
42.5°	223.7	274.3	322.4	361.5	394.4	451.6	549.1	646.9	707.3	788.3	905.4
40°	273.3	330.0	385.9	425.6	466.6	553.3	674.1	777.6	841.5	950.2	1083.6
37.5°	323.7	390.0	450.3	492.2	549.9	667.2	809.1	933.0	1012.3	1100.8	1315.1
35°	373.5	451.3	513.1	569.2	640.5	802.2	977.1	1115.0	1213.0	1364.6	1635.8
32.5°	426.7	513.6	576.7	653.2	770.4	951.2	1166.0	1319.2	1481.6	1699.6	2134.1
30°	483.3	571.9	644.5	736.4	893.7	1104.5	1353.9	1546.3	1766.9	2121.0	2589.3
27.5°	539.7	630.0	719.5	836.3	1009.1	1236.9	1497.3	1800.7	2085.7	2481.7	2993.6
25°	593.9	689.2	793.0	934.2	1121.0	1359.5	1643.8	1993.8	2365.7	2818.6	3419.6
22.5°	645.7	749.4	870.9	1022.6	1215.5	1475.9	1814.9	2226.0	2673.0	3142.0	3832.8
20°	696.4	816.5	956.0	1125.8	1302.4	1583.2	1982.2	2480.1	3040.2	3682.8	4359.7
17.5°	746.5	882.9	1043.8	1232.6	1446.5	1734.0	2153.8	2746.5	3428.2	4264.6	5098.0
15°	795.6	947.9	1128.8	1338.1	1592.0	1935.5	2412.4	3063.8	3887.4	4889.0	5876.3
12.5°	843.2	1011.0	1210.4	1441.2	1733.1	2125.2	2656.0	3358.9	4302.6	5499.1	6712.0
10°	888.8	1071.6	1287.8	1540.7	1868.2	2301.8	2871.4	3614.1	4615.8	5848.9	7197.9
7.5°	912.1	1112.5	1353.9	1635.3	1995.6	2463.8	3058.9	3829.8	4860.5	6130.2	7482.8
5°	928.7	1131.3	1378.7	1673.1	2065.7	2574.1	3202.3	4006.2	5040.8	6341.8	7675.7
2.5°	941.5	1144.8	1396.8	1694.4	2093.4	2610.8	3249.7	4067.6	5137.6	6452.3	7788.2
0°	950.3	1153.0	1408.0	1706.6	2107.6	2628.6	3271.5	4093.2	5178.7	6477.7	7829.0
-2.5°	959.6	1164.3	1419.7	1725.6	2127.6	2652.8	3295.6	4111.3	5209.5	6484.8	7851.1
-5°	965.0	1170.3	1424.3	1734.8	2134.1	2657.3	3293.9	4094.2	5185.0	6433.9	7803.1
-7.5°	966.5	1171.0	1421.8	1733.0	2125.9	2636.7	3259.1	4043.0	5100.4	6330.9	7685.3
-10°	964.1	1165.8	1412.4	1717.2	2102.0	2593.9	3196.8	3954.5	4961.5	6160.8	7486.2
-12.5°	957.1	1154.9	1395.6	1691.6	2063.4	2533.0	3109.1	3828.3	4768.5	5924.5	7205.5
-15°	945.8	1138.7	1371.3	1656.0	2010.2	2454.7	2996.4	3664.4	4520.1	5623.9	6856.0
-17.5°	930.2	1117.1	1339.5	1610.7	1942.3	2359.6	2860.1	3472.5	4252.2	5288.6	6467.5
-20°	910.3	1090.3	1300.2	1555.7	1864.0	2259.3	2733.6	3302.7	4001.5	4904.5	6009.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	886.2	1058.3	1258.6	1503.0	1794.5	2155.3	2592.2	3110.2	3720.2	4460.7	5508.4
-25°	861.4	1027.7	1218.2	1444.4	1715.1	2037.4	2430.4	2902.3	3454.8	4132.5	4998.8
-27.5°	836.9	992.5	1171.4	1376.7	1626.2	1915.7	2278.3	2708.5	3200.9	3777.2	4482.7
-30°	809.4	953.1	1119.9	1305.8	1541.0	1809.8	2123.2	2491.7	2929.6	3450.3	4063.6
-32.5°	779.2	910.9	1069.9	1244.5	1449.7	1694.4	1965.5	2298.8	2679.7	3109.3	3639.4
-35°	749.2	874.8	1018.8	1178.4	1351.6	1580.8	1829.9	2106.5	2430.4	2810.9	3234.8
-37.5°	720.4	835.5	963.9	1112.8	1275.3	1465.5	1685.6	1935.3	2214.2	2516.8	2883.1
-40°	688.3	793.1	914.5	1049.3	1193.1	1358.0	1556.4	1768.4	2008.4	2274.8	2557.6
-42.5°	653.4	754.1	864.9	981.1	1112.9	1260.3	1424.8	1618.7	1818.2	2041.3	2288.2
-45°	619.2	711.6	813.0	919.1	1030.0	1160.2	1309.6	1470.9	1647.8	1829.9	2037.3
-47.5°	583.1	667.6	762.0	854.4	952.7	1063.7	1190.5	1336.9	1484.4	1646.5	1807.3
-50°	547.1	626.3	705.7	791.9	880.0	972.4	1079.5	1205.8	1340.1	1474.6	1616.1
-52.5°	514.8	583.3	655.0	729.0	809.2	891.4	980.8	1084.9	1202.2	1320.8	1442.8
-55°	481.8	544.9	604.2	670.5	739.8	813.8	893.5	981.1	1069.7	1177.7	1282.6
-57.5°	449.5	505.6	557.1	613.6	675.3	738.2	809.9	884.3	964.8	1046.4	1132.3
-60°	417.2	464.8	511.5	560.4	612.2	668.1	725.8	791.2	860.2	931.1	1005.5
-62.5°	383.7	422.4	463.6	508.3	553.9	596.9	645.3	698.8	755.7	816.5	879.6
-65°	346.4	378.4	412.7	451.7	494.5	529.2	566.3	606.4	653.5	703.6	753.1
-67.5°	306.4	334.8	362.8	391.7	426.4	457.5	488.0	520.0	555.1	596.1	635.8
-70°	262.0	290.2	314.9	338.9	360.9	383.1	409.0	434.2	462.6	499.3	535.4
-72.5°	216.7	243.2	266.7	287.0	302.5	315.7	331.6	349.9	377.1	411.2	443.1
-75°	175.3	196.7	218.6	238.1	248.1	252.1	255.4	265.0	292.5	327.5	358.5
-77.5°	136.5	155.2	173.0	190.0	197.1	199.8	201.2	201.1	221.4	251.2	282.6
-80°	100.5	113.5	128.6	143.2	147.5	148.8	149.0	148.1	164.6	186.1	209.1
-82.5°	69.9	79.2	88.9	98.8	100.1	99.4	97.9	96.5	109.9	125.4	141.3
-85°	40.7	44.6	50.5	56.6	57.3	57.0	55.9	54.2	61.6	70.1	79.0
-87.5°	20.4	22.3	24.3	26.3	25.6	24.5	23.2	21.6	23.7	25.9	28.1
-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: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	1.8	1.4	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.2	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.2	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.2	1.7	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.2	1.8	1.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.2	1.8	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.2	1.9	1.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.3	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.0	1.1	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.3	2.2	1.6	1.1	0.5	0.4	0.5	0.5	0.2	0.0	0.0
62.5°	2.8	2.8	2.0	1.9	2.0	2.2	1.8	1.5	1.5	1.6	1.8
60°	12.3	7.0	7.2	9.2	7.8	3.6	7.1	9.0	8.4	6.4	5.6
57.5°	62.6	52.4	36.6	61.3	63.2	44.0	47.7	62.3	60.4	46.7	46.5
55°	157.6	159.9	171.7	187.2	198.7	204.0	208.7	232.1	257.2	281.7	294.0
52.5°	260.4	290.8	328.7	353.8	371.3	407.2	457.4	480.5	503.0	528.4	546.9
50°	383.5	436.4	474.4	480.0	539.7	578.5	587.6	630.9	678.0	707.4	728.4
47.5°	570.4	637.4	670.6	691.7	764.4	844.1	844.2	869.1	987.1	1048.9	1078.6
45°	821.6	877.5	936.1	1088.4	1228.4	1272.8	1367.9	1496.7	1580.4	1695.5	1822.2
42.5°	1035.6	1140.4	1287.2	1454.9	1595.2	1712.1	1853.3	2008.2	2194.1	2369.0	2519.9
40°	1247.3	1377.0	1558.8	1741.2	1917.9	2079.8	2307.5	2506.6	2726.0	2966.6	3167.1
37.5°	1523.5	1689.6	1877.5	2107.5	2382.6	2562.3	2875.4	3161.5	3408.6	3699.2	3878.1
35°	1947.8	2164.3	2330.6	2795.5	3130.1	3340.3	3711.1	4181.2	4361.8	4727.6	4901.2
32.5°	2481.2	2768.8	3206.7	3822.3	4269.2	4656.1	5210.3	5687.4	6094.0	6461.5	6843.7
30°	3080.5	3524.5	4169.8	4987.9	5441.8	5983.7	6733.2	7298.8	7936.6	8636.6	8881.8
27.5°	3624.4	4289.3	5038.7	5701.3	6353.2	7028.2	7764.6	8491.3	9181.5	9764.0	10154.9
25°	4128.5	4933.8	5662.1	6370.2	7076.5	7836.7	8669.5	9493.7	10253.3	10852.6	11308.4
22.5°	4648.5	5499.2	6278.3	6996.9	7818.4	8679.9	9565.6	10510.9	11375.3	11997.2	12493.6
20°	5137.4	6083.6	6972.2	7790.3	8566.9	9561.4	10581.3	11584.1	12525.4	13266.1	13838.5
17.5°	5913.4	6734.7	7820.8	8883.5	9758.5	10672.0	12035.0	13069.9	14114.5	15001.5	15608.3
15°	6866.4	7769.5	8891.0	10350.5	11549.3	12596.1	14004.0	15687.7	16919.7	18052.1	18829.0
12.5°	7820.1	8841.7	10054.7	11697.2	13404.0	14636.9	16345.1	18478.5	19913.6	21666.9	22531.2
10°	8551.1	9833.9	11083.1	12582.0	14221.2	15976.9	17818.3	19814.2	21731.7	23237.2	24583.0
7.5°	8845.4	10211.8	11658.0	13187.3	14826.3	16638.3	18600.9	20677.7	22651.2	24332.8	25811.7
5°	9065.4	10465.5	11921.1	13484.9	15237.0	17129.2	19121.0	21301.5	23317.0	25119.2	26632.3
2.5°	9205.2	10618.4	12067.8	13657.6	15500.5	17448.8	19504.7	21742.9	23788.6	25643.9	27152.2
0°	9258.8	10651.6	12135.9	13772.7	15597.0	17549.9	19694.6	21959.2	24021.1	25814.9	27366.7
-2.5°	9266.0	10620.7	12140.3	13769.2	15514.7	17485.9	19656.5	21902.2	23922.2	25708.7	27274.4
-5°	9193.3	10547.4	12068.4	13672.6	15420.5	17376.9	19454.3	21624.4	23550.9	25289.6	26797.1
-7.5°	9045.9	10396.2	11883.5	13451.0	15151.9	17049.5	19044.8	21062.3	22952.2	24619.8	26058.5
-10°	8827.2	10149.0	11584.9	13112.1	14721.5	16526.5	18429.0	20356.7	22128.9	23671.1	25001.5
-12.5°	8530.9	9822.3	11193.4	12651.4	14149.4	15870.3	17666.7	19477.0	21092.4	22500.2	23693.9
-15°	8146.1	9407.4	10735.1	12113.9	13566.6	15122.8	16735.0	18395.4	19885.3	21133.8	22224.2
-17.5°	7692.9	8916.1	10177.0	11455.2	12833.6	14293.6	15790.2	17280.7	18551.4	19660.6	20657.7
-20°	7187.5	8366.1	9563.8	10755.4	12006.0	13356.3	14738.5	16047.7	17158.2	18166.0	19078.4



REPORT NUMBER: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	6621.0	7749.1	8897.0	10012.1	11139.9	12362.6	13597.0	14780.9	15819.6	16681.8	17474.7
-25°	6014.5	7056.8	8140.8	9186.3	10224.3	11320.0	12441.3	13530.6	14444.7	15193.2	15848.4
-27.5°	5403.4	6355.8	7310.9	8295.2	9254.6	10265.7	11280.8	12221.7	13042.4	13731.6	14282.1
-30°	4761.0	5612.5	6484.7	7375.3	8291.4	9216.6	10133.9	10957.7	11674.1	12280.3	12756.1
-32.5°	4227.1	4874.0	5644.0	6452.5	7311.3	8154.3	8952.2	9703.1	10378.2	10907.4	11310.9
-35°	3715.4	4263.2	4839.9	5555.5	6293.3	7069.1	7803.0	8473.2	9075.0	9537.5	9917.1
-37.5°	3275.5	3708.7	4196.4	4707.3	5325.9	5967.2	6629.6	7259.9	7796.5	8200.0	8539.0
-40°	2894.8	3236.8	3626.5	4031.5	4486.6	4947.4	5524.1	6056.0	6494.1	6871.2	7178.4
-42.5°	2550.5	2839.2	3127.0	3459.2	3802.6	4172.9	4577.7	4971.1	5307.3	5622.9	5883.8
-45°	2253.5	2484.0	2713.4	2970.0	3222.1	3523.3	3812.4	4070.5	4342.8	4579.1	4765.1
-47.5°	1993.7	2173.5	2370.1	2562.1	2764.6	2991.4	3206.5	3402.9	3602.4	3775.2	3913.9
-50°	1762.7	1911.8	2072.3	2223.2	2386.9	2552.9	2712.0	2868.1	3019.7	3151.2	3253.5
-52.5°	1560.6	1690.8	1815.9	1936.1	2066.3	2189.1	2304.3	2433.2	2551.7	2655.3	2725.3
-55°	1388.5	1494.9	1597.3	1697.7	1796.2	1889.3	1981.1	2081.2	2172.6	2255.0	2307.1
-57.5°	1226.9	1317.5	1404.2	1486.2	1564.3	1638.3	1715.6	1792.6	1863.1	1925.2	1965.5
-60°	1079.9	1153.9	1228.9	1295.8	1358.8	1417.9	1483.0	1544.6	1601.5	1649.3	1677.2
-62.5°	945.2	1011.5	1067.0	1119.8	1173.4	1226.7	1273.0	1318.4	1362.3	1399.3	1423.6
-65°	804.4	860.6	907.8	950.2	988.6	1029.9	1069.3	1105.0	1136.7	1160.8	1176.2
-67.5°	678.4	719.8	757.6	791.3	825.5	858.6	888.9	916.0	939.8	956.6	967.7
-70°	568.9	600.5	631.5	662.2	692.7	718.4	740.5	760.7	779.0	786.7	790.1
-72.5°	472.8	500.8	528.0	555.1	580.5	600.6	616.8	631.6	645.0	633.5	613.3
-75°	385.6	410.3	435.6	459.5	481.9	497.3	509.3	520.4	530.4	505.5	471.2
-77.5°	314.2	335.9	354.7	373.3	391.8	401.6	409.2	416.7	423.9	396.0	360.9
-80°	233.1	250.6	266.5	282.2	297.6	303.5	306.9	309.2	310.5	286.6	259.1
-82.5°	157.5	166.6	175.3	184.5	193.8	198.7	202.4	205.3	207.3	190.4	171.4
-85°	88.3	91.0	93.1	95.0	96.5	99.6	102.5	105.2	107.6	99.6	90.8
-87.5°	30.4	30.4	30.2	30.0	29.6	29.7	29.7	29.6	29.5	28.2	26.8
-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: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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	0.2	0.5
62.5°	2.0	2.1	2.2	2.2	2.2	2.1	2.0	1.8	1.6	1.5	1.5
60°	4.3	2.7	2.2	2.2	2.2	2.7	4.3	5.6	6.4	8.4	9.0
57.5°	43.4	37.9	34.0	30.5	34.0	37.9	43.4	46.5	46.7	60.4	62.3
55°	288.7	268.8	244.5	215.8	244.5	268.8	288.7	294.0	281.7	257.2	232.1
52.5°	566.3	585.1	596.0	595.0	596.0	585.1	566.3	546.9	528.4	503.0	480.5
50°	745.3	755.6	756.1	747.6	756.1	755.6	745.3	728.4	707.4	678.0	630.9
47.5°	1092.0	1077.7	1053.1	1026.6	1053.1	1077.7	1092.0	1078.6	1048.9	987.1	869.1
45°	1905.5	1951.4	1948.4	1889.7	1948.4	1951.4	1905.5	1822.2	1695.5	1580.4	1496.7
42.5°	2604.1	2672.8	2721.5	2746.3	2721.5	2672.8	2604.1	2519.9	2369.0	2194.1	2008.2
40°	3280.0	3346.4	3375.7	3374.0	3375.7	3346.4	3280.0	3167.1	2966.6	2726.0	2506.6
37.5°	3994.2	4080.1	4121.8	4102.0	4121.8	4080.1	3994.2	3878.1	3699.2	3408.6	3161.5
35°	4976.4	5056.8	5058.3	5017.4	5058.3	5056.8	4976.4	4901.2	4727.6	4361.8	4181.2
32.5°	7147.1	7174.0	6967.3	6894.0	6967.3	7174.0	7147.1	6843.7	6461.5	6094.0	5687.4
30°	9125.8	9316.6	9494.0	9583.6	9494.0	9316.6	9125.8	8881.8	8636.6	7936.6	7298.8
27.5°	10449.6	10679.0	10821.3	10830.3	10821.3	10679.0	10449.6	10154.9	9764.0	9181.5	8491.3
25°	11653.6	11910.3	12065.3	12118.4	12065.3	11910.3	11653.6	11308.4	10852.6	10253.3	9493.7
22.5°	12915.0	13217.5	13417.9	13458.9	13417.9	13217.5	12915.0	12493.6	11997.2	11375.3	10510.9
20°	14378.5	14730.5	14922.7	14914.8	14922.7	14730.5	14378.5	13838.5	13266.1	12525.4	11584.1
17.5°	16305.2	16682.8	16848.7	16776.2	16848.7	16682.8	16305.2	15608.3	15001.5	14114.5	13069.9
15°	19626.4	20416.2	20413.1	20097.8	20413.1	20416.2	19626.4	18829.0	18052.1	16919.7	15687.7
12.5°	23723.1	24311.7	24915.6	25045.5	24915.6	24311.7	23723.1	22531.2	21666.9	19913.6	18478.5
10°	25716.5	26498.2	27014.2	27000.5	27014.2	26498.2	25716.5	24583.0	23237.2	21731.7	19814.2
7.5°	26963.6	27827.3	28452.5	28439.1	28452.5	27827.3	26963.6	25811.7	24332.8	22651.2	20677.7
5°	27926.1	28883.9	29437.7	29478.7	29437.7	28883.9	27926.1	26632.3	25119.2	23317.0	21301.5
2.5°	28426.2	29425.9	30091.6	30004.0	30091.6	29425.9	28426.2	27152.2	25643.9	23788.6	21742.9
0°	28635.2	29624.7	30245.9	30514.0	30245.9	29624.7	28635.2	27366.7	25814.9	24021.1	21959.2
-2.5°	28543.9	29506.7	30193.3	30219.8	30193.3	29506.7	28543.9	27274.4	25708.7	23922.2	21902.2
-5°	28054.8	29070.9	29530.8	29775.1	29530.8	29070.9	28054.8	26797.1	25289.6	23550.9	21624.4
-7.5°	27266.1	28027.5	28611.8	28881.5	28611.8	28027.5	27266.1	26058.5	24619.8	22952.2	21062.3
-10°	26038.6	26826.9	27320.6	27543.3	27320.6	26826.9	26038.6	25001.5	23671.1	22128.9	20356.7
-12.5°	24678.8	25395.2	25864.5	26052.4	25864.5	25395.2	24678.8	23693.9	22500.2	21092.4	19477.0
-15°	23161.6	23812.0	24244.1	24424.3	24244.1	23812.0	23161.6	22224.2	21133.8	19885.3	18395.4
-17.5°	21491.5	22061.5	22492.0	22621.8	22492.0	22061.5	21491.5	20657.7	19660.6	18551.4	17280.7
-20°	19774.2	20289.5	20644.0	20721.2	20644.0	20289.5	19774.2	19078.4	18166.0	17158.2	16047.7



REPORT NUMBER: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	18043.8	18468.3	18756.3	18853.3	18756.3	18468.3	18043.8	17474.7	16681.8	15819.6	14780.9
-25°	16352.8	16719.1	16950.9	17037.7	16950.9	16719.1	16352.8	15848.4	15193.2	14444.7	13530.6
-27.5°	14726.4	15067.9	15280.8	15309.3	15280.8	15067.9	14726.4	14282.1	13731.6	13042.4	12221.7
-30°	13126.1	13408.2	13572.3	13641.9	13572.3	13408.2	13126.1	12756.1	12280.3	11674.1	10957.7
-32.5°	11630.6	11877.0	12024.5	12063.9	12024.5	11877.0	11630.6	11310.9	10907.4	10378.2	9703.1
-35°	10218.8	10446.4	10577.1	10566.6	10577.1	10446.4	10218.8	9917.1	9537.5	9075.0	8473.2
-37.5°	8819.3	9029.3	9147.9	9136.8	9147.9	9029.3	8819.3	8539.0	8200.0	7796.5	7259.9
-40°	7430.9	7612.1	7716.5	7741.8	7716.5	7612.1	7430.9	7178.4	6871.2	6494.1	6056.0
-42.5°	6100.7	6268.0	6351.6	6318.6	6351.6	6268.0	6100.7	5883.8	5622.9	5307.3	4971.1
-45°	4895.2	4981.7	5038.6	5074.0	5038.6	4981.7	4895.2	4765.1	4579.1	4342.8	4070.5
-47.5°	4015.3	4087.0	4125.8	4132.5	4125.8	4087.0	4015.3	3913.9	3775.2	3602.4	3402.9
-50°	3333.0	3393.9	3420.9	3413.2	3420.9	3393.9	3333.0	3253.5	3151.2	3019.7	2868.1
-52.5°	2775.7	2811.1	2834.9	2846.5	2834.9	2811.1	2775.7	2725.3	2655.3	2551.7	2433.2
-55°	2346.3	2373.9	2390.0	2395.4	2390.0	2373.9	2346.3	2307.1	2255.0	2172.6	2081.2
-57.5°	1999.0	2025.2	2034.8	2031.4	2034.8	2025.2	1999.0	1965.5	1925.2	1863.1	1792.6
-60°	1698.6	1713.6	1724.8	1730.6	1724.8	1713.6	1698.6	1677.2	1649.3	1601.5	1544.6
-62.5°	1443.0	1457.0	1468.8	1475.6	1468.8	1457.0	1443.0	1423.6	1399.3	1362.3	1318.4
-65°	1186.9	1193.1	1194.9	1192.2	1194.9	1193.1	1186.9	1176.2	1160.8	1136.7	1105.0
-67.5°	975.9	981.1	984.6	985.2	984.6	981.1	975.9	967.7	956.6	939.8	916.0
-70°	793.4	795.5	793.0	786.8	793.0	795.5	793.4	790.1	786.7	779.0	760.7
-72.5°	592.7	570.9	549.3	525.3	549.3	570.9	592.7	613.3	633.5	645.0	631.6
-75°	435.7	399.0	385.6	372.7	385.6	399.0	435.7	471.2	505.5	530.4	520.4
-77.5°	324.0	285.8	275.5	265.9	275.5	285.8	324.0	360.9	396.0	423.9	416.7
-80°	230.3	200.4	193.8	187.4	193.8	200.4	230.3	259.1	286.6	310.5	309.2
-82.5°	151.3	130.5	126.3	122.1	126.3	130.5	151.3	171.4	190.4	207.3	205.3
-85°	81.4	71.6	69.7	67.6	69.7	71.6	81.4	90.8	99.6	107.6	105.2
-87.5°	25.4	23.9	24.0	24.0	24.0	23.9	25.4	26.8	28.2	29.5	29.6
-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):

	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	0.5	1.0	1.4	1.8	1.7	1.7	1.6	1.6
85°	0.0	0.0	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.2
82.5°	0.0	0.0	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.2
80°	0.0	0.0	0.1	0.6	1.2	1.7	2.2	2.2	2.2	2.2	2.2
77.5°	0.0	0.0	0.1	0.7	1.2	1.8	2.2	2.2	2.2	2.2	2.2
75°	0.0	0.0	0.2	0.7	1.3	1.8	2.2	2.2	2.2	2.2	2.2
72.5°	0.0	0.0	0.2	0.6	1.3	1.9	2.2	2.2	2.2	2.2	2.2
70°	0.0	0.0	0.1	0.1	0.2	0.6	1.3	1.8	2.1	2.2	2.2
67.5°	0.0	0.0	0.4	0.9	1.1	1.1	1.0	1.1	1.7	2.2	2.2
65°	0.5	0.4	0.5	1.1	1.6	2.2	2.3	2.0	2.0	2.3	2.2
62.5°	1.8	2.2	2.0	1.9	2.0	2.8	2.8	3.0	2.7	3.4	5.0
60°	7.1	3.6	7.8	9.2	7.2	7.0	12.3	11.6	4.5	16.3	19.8
57.5°	47.7	44.0	63.2	61.3	36.6	52.4	62.6	41.9	29.1	46.4	55.9
55°	208.7	204.0	198.7	187.2	171.7	159.9	157.6	157.3	124.9	90.6	102.8
52.5°	457.4	407.2	371.3	353.8	328.7	290.8	260.4	254.4	246.7	204.2	168.7
50°	587.6	578.5	539.7	480.0	474.4	436.4	383.5	346.9	342.2	313.1	259.4
47.5°	844.2	844.1	764.4	691.7	670.6	637.4	570.4	471.9	462.9	438.0	378.1
45°	1367.9	1272.8	1228.4	1088.4	936.1	877.5	821.6	703.1	606.2	568.1	525.9
42.5°	1853.3	1712.1	1595.2	1454.9	1287.2	1140.4	1035.6	905.4	788.3	707.3	646.9
40°	2307.5	2079.8	1917.9	1741.2	1558.8	1377.0	1247.3	1083.6	950.2	841.5	777.6
37.5°	2875.4	2562.3	2382.6	2107.5	1877.5	1689.6	1523.5	1315.1	1100.8	1012.3	933.0
35°	3711.1	3340.3	3130.1	2795.5	2330.6	2164.3	1947.8	1635.8	1364.6	1213.0	1115.0
32.5°	5210.3	4656.1	4269.2	3822.3	3206.7	2768.8	2481.2	2134.1	1699.6	1481.6	1319.2
30°	6733.2	5983.7	5441.8	4987.9	4169.8	3524.5	3080.5	2589.3	2121.0	1766.9	1546.3
27.5°	7764.6	7028.2	6353.2	5701.3	5038.7	4289.3	3624.4	2993.6	2481.7	2085.7	1800.7
25°	8669.5	7836.7	7076.5	6370.2	5662.1	4933.8	4128.5	3419.6	2818.6	2365.7	1993.8
22.5°	9565.6	8679.9	7818.4	6996.9	6278.3	5499.2	4648.5	3832.8	3142.0	2673.0	2226.0
20°	10581.3	9561.4	8566.9	7790.3	6972.2	6083.6	5137.4	4359.7	3682.8	3040.2	2480.1
17.5°	12035.0	10672.0	9758.5	8883.5	7820.8	6734.7	5913.4	5098.0	4264.6	3428.2	2746.5
15°	14004.0	12596.1	11549.3	10350.5	8891.0	7769.5	6866.4	5876.3	4889.0	3887.4	3063.8
12.5°	16345.1	14636.9	13404.0	11697.2	10054.7	8841.7	7820.1	6712.0	5499.1	4302.6	3358.9
10°	17818.3	15976.9	14221.2	12582.0	11083.1	9833.9	8551.1	7197.9	5848.9	4615.8	3614.1
7.5°	18600.9	16638.3	14826.3	13187.3	11658.0	10211.8	8845.4	7482.8	6130.2	4860.5	3829.8
5°	19121.0	17129.2	15237.0	13484.9	11921.1	10465.5	9065.4	7675.7	6341.8	5040.8	4006.2
2.5°	19504.7	17448.8	15500.5	13657.6	12067.8	10618.4	9205.2	7788.2	6452.3	5137.6	4067.6
0°	19694.6	17549.9	15597.0	13772.7	12135.9	10651.6	9258.8	7829.0	6477.7	5178.7	4093.2
-2.5°	19656.5	17485.9	15514.7	13769.2	12140.3	10620.7	9266.0	7851.1	6484.8	5209.5	4111.3
-5°	19454.3	17376.9	15420.5	13672.6	12068.4	10547.4	9193.3	7803.1	6433.9	5185.0	4094.2
-7.5°	19044.8	17049.5	15151.9	13451.0	11883.5	10396.2	9045.9	7685.3	6330.9	5100.4	4043.0
-10°	18429.0	16526.5	14721.5	13112.1	11584.9	10149.0	8827.2	7486.2	6160.8	4961.5	3954.5
-12.5°	17666.7	15870.3	14149.4	12651.4	11193.4	9822.3	8530.9	7205.5	5924.5	4768.5	3828.3
-15°	16735.0	15122.8	13566.6	12113.9	10735.1	9407.4	8146.1	6856.0	5623.9	4520.1	3664.4
-17.5°	15790.2	14293.6	12833.6	11455.2	10177.0	8916.1	7692.9	6467.5	5288.6	4252.2	3472.5
-20°	14738.5	13356.3	12006.0	10755.4	9563.8	8366.1	7187.5	6009.0	4904.5	4001.5	3302.7



REPORT NUMBER: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	13597.0	12362.6	11139.9	10012.1	8897.0	7749.1	6621.0	5508.4	4460.7	3720.2	3110.2
-25°	12441.3	11320.0	10224.3	9186.3	8140.8	7056.8	6014.5	4998.8	4132.5	3454.8	2902.3
-27.5°	11280.8	10265.7	9254.6	8295.2	7310.9	6355.8	5403.4	4482.7	3777.2	3200.9	2708.5
-30°	10133.9	9216.6	8291.4	7375.3	6484.7	5612.5	4761.0	4063.6	3450.3	2929.6	2491.7
-32.5°	8952.2	8154.3	7311.3	6452.5	5644.0	4874.0	4227.1	3639.4	3109.3	2679.7	2298.8
-35°	7803.0	7069.1	6293.3	5555.5	4839.9	4263.2	3715.4	3234.8	2810.9	2430.4	2106.5
-37.5°	6629.6	5967.2	5325.9	4707.3	4196.4	3708.7	3275.5	2883.1	2516.8	2214.2	1935.3
-40°	5524.1	4947.4	4486.6	4031.5	3626.5	3236.8	2894.8	2557.6	2274.8	2008.4	1768.4
-42.5°	4577.7	4172.9	3802.6	3459.2	3127.0	2839.2	2550.5	2288.2	2041.3	1818.2	1618.7
-45°	3812.4	3523.3	3222.1	2970.0	2713.4	2484.0	2253.5	2037.3	1829.9	1647.8	1470.9
-47.5°	3206.5	2991.4	2764.6	2562.1	2370.1	2173.5	1993.7	1807.3	1646.5	1484.4	1336.9
-50°	2712.0	2552.9	2386.9	2223.2	2072.3	1911.8	1762.7	1616.1	1474.6	1340.1	1205.8
-52.5°	2304.3	2189.1	2066.3	1936.1	1815.9	1690.8	1560.6	1442.8	1320.8	1202.2	1084.9
-55°	1981.1	1889.3	1796.2	1697.7	1597.3	1494.9	1388.5	1282.6	1177.7	1069.7	981.1
-57.5°	1715.6	1638.3	1564.3	1486.2	1404.2	1317.5	1226.9	1132.3	1046.4	964.8	884.3
-60°	1483.0	1417.9	1358.8	1295.8	1228.9	1153.9	1079.9	1005.5	931.1	860.2	791.2
-62.5°	1273.0	1226.7	1173.4	1119.8	1067.0	1011.5	945.2	879.6	816.5	755.7	698.8
-65°	1069.3	1029.9	988.6	950.2	907.8	860.6	804.4	753.1	703.6	653.5	606.4
-67.5°	888.9	858.6	825.5	791.3	757.6	719.8	678.4	635.8	596.1	555.1	520.0
-70°	740.5	718.4	692.7	662.2	631.5	600.5	568.9	535.4	499.3	462.6	434.2
-72.5°	616.8	600.6	580.5	555.1	528.0	500.8	472.8	443.1	411.2	377.1	349.9
-75°	509.3	497.3	481.9	459.5	435.6	410.3	385.6	358.5	327.5	292.5	265.0
-77.5°	409.2	401.6	391.8	373.3	354.7	335.9	314.2	282.6	251.2	221.4	201.1
-80°	306.9	303.5	297.6	282.2	266.5	250.6	233.1	209.1	186.1	164.6	148.1
-82.5°	202.4	198.7	193.8	184.5	175.3	166.6	157.5	141.3	125.4	109.9	96.5
-85°	102.5	99.6	96.5	95.0	93.1	91.0	88.3	79.0	70.1	61.6	54.2
-87.5°	29.7	29.7	29.6	30.0	30.2	30.4	30.4	28.1	25.9	23.7	21.6
-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: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.9	1.7	1.5	1.3
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.2	2.2	2.2
67.5°	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.7	2.8	2.2	2.2
65°	2.2	2.2	2.3	3.2	3.0	2.2	2.2	4.2	3.6	3.1	2.2
62.5°	4.3	2.2	5.7	7.6	4.9	3.9	3.2	9.1	5.8	4.1	3.0
60°	9.9	8.1	15.2	23.3	16.8	6.5	9.5	15.6	14.4	5.2	4.1
57.5°	50.5	23.1	34.1	44.3	42.2	23.7	19.2	26.7	24.3	14.2	5.6
55°	104.7	89.0	70.8	70.4	71.2	56.3	40.1	41.4	36.7	26.0	8.3
52.5°	159.1	154.2	137.3	111.8	102.7	92.8	75.9	58.7	54.4	38.9	20.4
50°	226.8	214.4	201.0	174.9	141.8	128.8	111.4	89.5	74.1	54.4	33.9
47.5°	304.2	282.7	262.5	237.2	201.0	166.7	147.3	121.5	95.7	74.6	47.4
45°	425.1	355.0	327.6	298.4	261.1	218.4	184.8	153.1	124.0	95.0	61.1
42.5°	549.1	451.6	394.4	361.5	322.4	274.3	223.7	188.1	151.9	115.4	77.2
40°	674.1	553.3	466.6	425.6	385.9	330.0	273.3	224.7	179.2	136.5	94.8
37.5°	809.1	667.2	549.9	492.2	450.3	390.0	323.7	262.1	207.3	159.3	112.2
35°	977.1	802.2	640.5	569.2	513.1	451.3	373.5	302.7	240.8	182.3	129.3
32.5°	1166.0	951.2	770.4	653.2	576.7	513.6	426.7	348.5	275.1	205.4	146.1
30°	1353.9	1104.5	893.7	736.4	644.5	571.9	483.3	394.5	310.3	228.3	163.3
27.5°	1497.3	1236.9	1009.1	836.3	719.5	630.0	539.7	440.8	346.0	253.6	182.0
25°	1643.8	1359.5	1121.0	934.2	793.0	689.2	593.9	487.0	383.9	282.7	200.4
22.5°	1814.9	1475.9	1215.5	1022.6	870.9	749.4	645.7	533.9	422.4	311.5	218.2
20°	1982.2	1583.2	1302.4	1125.8	956.0	816.5	696.4	578.7	460.0	339.8	235.5
17.5°	2153.8	1734.0	1446.5	1232.6	1043.8	882.9	746.5	621.0	496.5	367.4	252.0
15°	2412.4	1935.5	1592.0	1338.1	1128.8	947.9	795.6	661.0	531.7	394.0	266.7
12.5°	2656.0	2125.2	1733.1	1441.2	1210.4	1011.0	843.2	698.4	565.2	416.1	279.1
10°	2871.4	2301.8	1868.2	1540.7	1287.8	1071.6	888.8	727.8	585.1	433.7	290.0
7.5°	3058.9	2463.8	1995.6	1635.3	1353.9	1112.5	912.1	743.1	600.2	449.2	299.7
5°	3202.3	2574.1	2065.7	1673.1	1378.7	1131.3	928.7	755.6	612.3	462.4	308.0
2.5°	3249.7	2610.8	2093.4	1694.4	1396.8	1144.8	941.5	765.1	621.4	473.3	314.9
0°	3271.5	2628.6	2107.6	1706.6	1408.0	1153.0	950.3	771.6	627.7	481.7	320.4
-2.5°	3295.6	2652.8	2127.6	1725.6	1419.7	1164.3	959.6	781.8	636.8	491.1	329.6
-5°	3293.9	2657.3	2134.1	1734.8	1424.3	1170.3	965.0	789.1	643.3	498.0	337.3
-7.5°	3259.1	2636.7	2125.9	1733.0	1421.8	1171.0	966.5	793.4	647.3	502.4	343.4
-10°	3196.8	2593.9	2102.0	1717.2	1412.4	1165.8	964.1	794.7	648.9	504.2	347.7
-12.5°	3109.1	2533.0	2063.4	1691.6	1395.6	1154.9	957.1	791.0	647.9	503.6	350.2
-15°	2996.4	2454.7	2010.2	1656.0	1371.3	1138.7	945.8	783.3	642.3	499.9	350.7
-17.5°	2860.1	2359.6	1942.3	1610.7	1339.5	1117.1	930.2	772.7	634.6	493.5	350.0
-20°	2733.6	2259.3	1864.0	1555.7	1300.2	1090.3	910.3	759.1	625.1	485.4	348.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	2592.2	2155.3	1794.5	1503.0	1258.6	1058.3	886.2	742.6	613.7	475.9	345.2
-25°	2430.4	2037.4	1715.1	1444.4	1218.2	1027.7	861.4	723.3	600.6	465.0	340.6
-27.5°	2278.3	1915.7	1626.2	1376.7	1171.4	992.5	836.9	705.4	585.5	452.8	334.6
-30°	2123.2	1809.8	1541.0	1305.8	1119.9	953.1	809.4	686.2	568.5	442.2	327.2
-32.5°	1965.5	1694.4	1449.7	1244.5	1069.9	910.9	779.2	665.7	550.8	431.6	321.0
-35°	1829.9	1580.8	1351.6	1178.4	1018.8	874.8	749.2	643.8	532.5	419.7	314.3
-37.5°	1685.6	1465.5	1275.3	1112.8	963.9	835.5	720.4	618.1	513.6	406.3	306.2
-40°	1556.4	1358.0	1193.1	1049.3	914.5	793.1	688.3	590.7	496.0	391.7	296.8
-42.5°	1424.8	1260.3	1112.9	981.1	864.9	754.1	653.4	561.5	473.2	378.0	285.9
-45°	1309.6	1160.2	1030.0	919.1	813.0	711.6	619.2	531.1	448.7	364.0	274.6
-47.5°	1190.5	1063.7	952.7	854.4	762.0	667.6	583.1	503.0	423.4	348.4	263.1
-50°	1079.5	972.4	880.0	791.9	705.7	626.3	547.1	474.0	400.4	327.9	250.1
-52.5°	980.8	891.4	809.2	729.0	655.0	583.3	514.8	444.6	376.3	307.5	235.8
-55°	893.5	813.8	739.8	670.5	604.2	544.9	481.8	416.8	351.2	286.5	220.5
-57.5°	809.9	738.2	675.3	613.6	557.1	505.6	449.5	388.1	325.9	264.5	206.8
-60°	725.8	668.1	612.2	560.4	511.5	464.8	417.2	358.5	299.7	241.8	190.3
-62.5°	645.3	596.9	553.9	508.3	463.6	422.4	383.7	327.9	272.5	219.4	171.9
-65°	566.3	529.2	494.5	451.7	412.7	378.4	346.4	296.2	243.7	195.5	152.8
-67.5°	488.0	457.5	426.4	391.7	362.8	334.8	306.4	261.1	213.3	170.3	133.5
-70°	409.0	383.1	360.9	338.9	314.9	290.2	262.0	223.3	181.5	146.5	113.5
-72.5°	331.6	315.7	302.5	287.0	266.7	243.2	216.7	185.1	152.7	121.9	93.0
-75°	255.4	252.1	248.1	238.1	218.6	196.7	175.3	151.1	123.2	96.7	75.7
-77.5°	201.2	199.8	197.1	190.0	173.0	155.2	136.5	116.2	95.0	76.8	59.5
-80°	149.0	148.8	147.5	143.2	128.6	113.5	100.5	87.5	72.0	57.1	43.0
-82.5°	97.9	99.4	100.1	98.8	88.9	79.2	69.9	60.6	48.6	37.1	28.7
-85°	55.9	57.0	57.3	56.6	50.5	44.6	40.7	36.7	30.3	24.5	19.2
-87.5°	23.2	24.5	25.6	26.3	24.3	22.3	20.4	18.4	15.2	12.3	9.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627872 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
80°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
77.5°	2.2	2.2	1.9	1.4	1.0	0.5	0.0
75°	2.2	2.2	2.2	1.7	1.1	0.6	0.0
72.5°	2.2	2.2	2.2	2.0	1.3	0.7	0.0
70°	2.2	2.2	2.2	2.2	1.5	0.8	0.0
67.5°	2.4	2.2	2.2	2.2	1.7	0.8	0.0
65°	2.6	2.4	2.2	2.2	1.9	0.9	0.0
62.5°	3.0	2.9	2.2	2.2	2.0	1.0	0.0
60°	3.4	3.5	2.2	2.2	2.2	1.1	0.0
57.5°	5.9	4.1	2.8	2.2	2.2	1.2	0.0
55°	9.0	4.8	3.5	2.2	2.3	1.3	0.0
52.5°	12.6	6.0	4.2	2.2	2.3	1.3	0.0
50°	16.6	9.8	4.9	2.2	2.3	1.4	0.0
47.5°	22.2	13.8	5.6	2.3	2.4	1.5	0.0
45°	34.0	18.1	6.4	2.9	2.5	1.6	0.0
42.5°	45.7	22.7	7.2	3.5	2.5	1.6	0.0
40°	57.4	27.4	9.5	4.3	2.6	1.7	0.0
37.5°	69.0	32.4	13.2	5.3	2.7	1.7	0.0
35°	80.5	40.3	17.0	6.3	2.8	1.8	0.0
32.5°	92.7	49.4	20.8	7.4	2.9	1.9	0.0
30°	106.3	58.3	24.7	8.5	3.0	1.9	0.0
27.5°	119.5	66.9	29.1	9.8	3.1	2.0	0.0
25°	132.3	75.2	33.5	11.1	3.2	2.0	0.0
22.5°	144.5	83.2	37.7	12.4	3.3	2.0	0.0
20°	156.1	91.0	41.9	13.8	3.5	2.1	0.0
17.5°	166.9	98.4	45.9	15.2	3.6	2.1	0.0
15°	176.8	105.3	49.7	16.5	3.7	2.1	0.0
12.5°	185.9	111.7	53.3	17.9	3.8	2.1	0.0
10°	194.1	117.6	56.7	19.3	4.0	2.2	0.0
7.5°	201.4	122.8	59.8	20.5	4.1	2.2	0.0
5°	207.9	127.5	62.7	21.8	4.2	2.2	0.0
2.5°	213.4	131.6	65.3	22.9	4.3	2.2	0.0
0°	218.0	135.1	67.6	24.0	4.4	2.2	0.0
-2.5°	223.9	139.4	70.7	25.5	5.1	2.3	0.0
-5°	228.8	142.9	73.4	26.9	5.7	2.5	0.0
-7.5°	232.7	145.8	75.7	28.2	6.3	2.6	0.0
-10°	235.5	148.0	77.6	29.3	6.9	2.7	0.0
-12.5°	237.1	149.4	79.1	30.2	7.5	2.8	0.0
-15°	237.6	150.1	80.0	31.0	8.0	2.9	0.0
-17.5°	236.9	150.0	80.4	31.6	8.5	3.0	0.0
-20°	236.2	149.2	80.3	32.0	9.0	3.1	0.0

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CATALOG NUMBER: GFLD-SA6C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	236.3	147.5	79.7	32.2	9.4	3.2	0.0
-25°	235.3	147.0	78.5	32.2	9.7	3.2	0.0
-27.5°	233.0	146.4	76.7	31.9	10.0	3.3	0.0
-30°	229.6	144.8	74.5	31.5	10.3	3.3	0.0
-32.5°	225.0	142.3	73.5	30.8	10.4	3.3	0.0
-35°	220.6	138.9	72.0	29.9	10.5	3.3	0.0
-37.5°	215.6	135.2	69.8	28.8	10.6	3.3	0.0
-40°	209.4	131.9	67.1	27.4	10.5	3.3	0.0
-42.5°	202.0	127.8	65.0	26.1	10.4	3.2	0.0
-45°	193.4	122.8	63.8	25.1	10.3	3.2	0.0
-47.5°	183.6	117.0	61.8	23.8	10.0	3.1	0.0
-50°	175.1	110.4	59.2	23.3	9.7	3.0	0.0
-52.5°	165.9	103.0	56.0	23.0	9.3	2.9	0.0
-55°	155.6	96.9	52.1	22.4	8.9	2.8	0.0
-57.5°	144.4	90.3	47.6	21.5	8.4	2.7	0.0
-60°	132.4	82.8	42.7	20.3	7.8	2.5	0.0
-62.5°	120.8	74.5	39.7	18.9	7.4	2.3	0.0
-65°	108.1	65.4	36.3	17.2	6.8	2.2	0.0
-67.5°	94.2	57.2	32.5	15.3	6.3	2.0	0.0
-70°	79.5	50.2	28.2	13.2	5.7	1.8	0.0
-72.5°	67.5	42.6	23.7	11.6	5.0	1.6	0.0
-75°	55.4	34.5	18.8	10.1	4.4	1.4	0.0
-77.5°	42.7	26.0	15.5	8.6	3.7	1.2	0.0
-80°	29.5	19.8	12.6	7.0	3.0	0.9	0.0
-82.5°	21.7	15.0	9.5	5.3	2.3	0.7	0.0
-85°	14.6	10.1	6.4	3.5	1.5	0.5	0.0
-87.5°	7.3	5.1	3.2	1.8	0.8	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)