

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: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-730-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N140
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

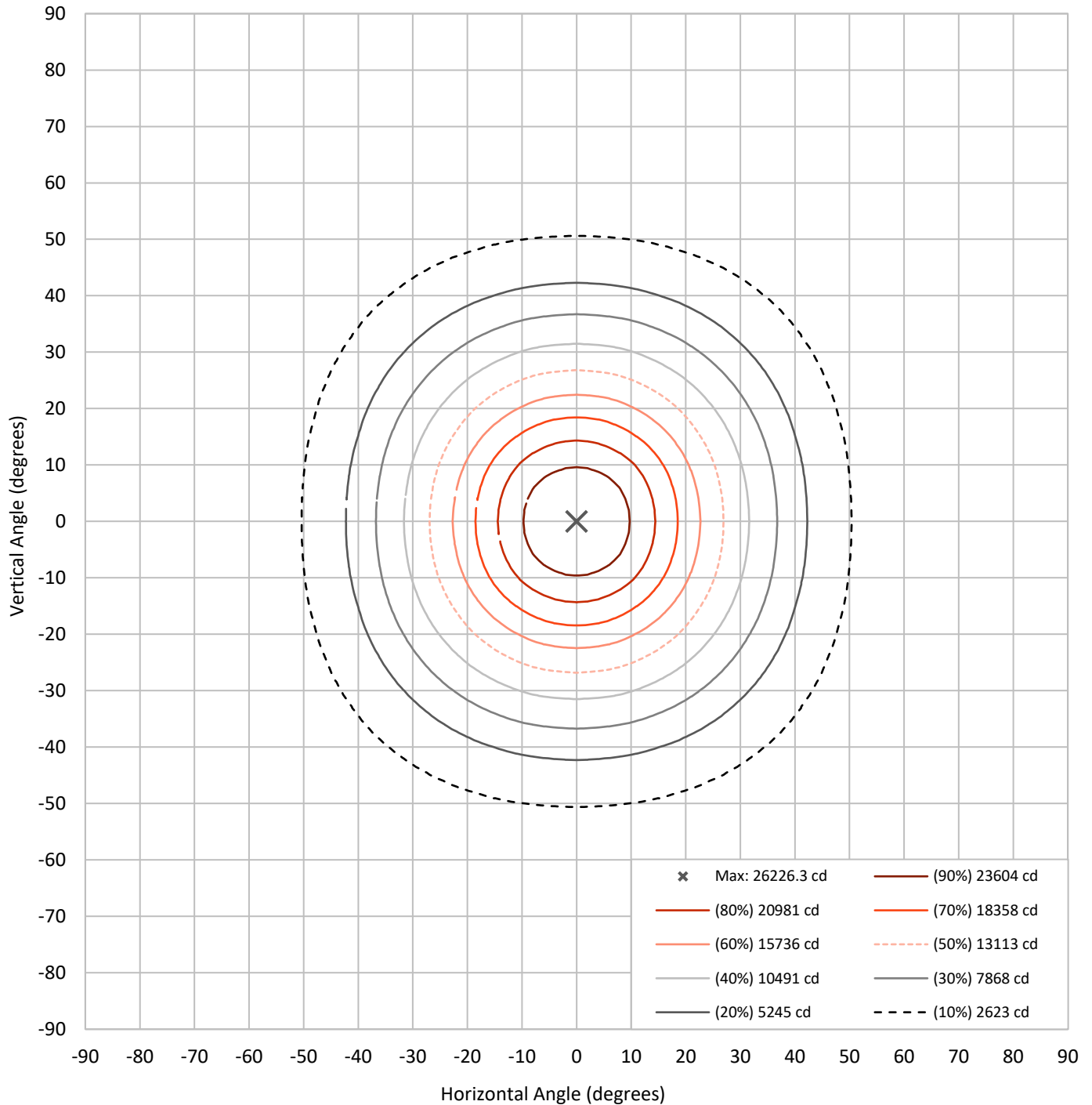
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26692.3 lumens	Max Intensity:	26226.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	12762.6 lumens	Field Lumens:	23556.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	190.6		
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





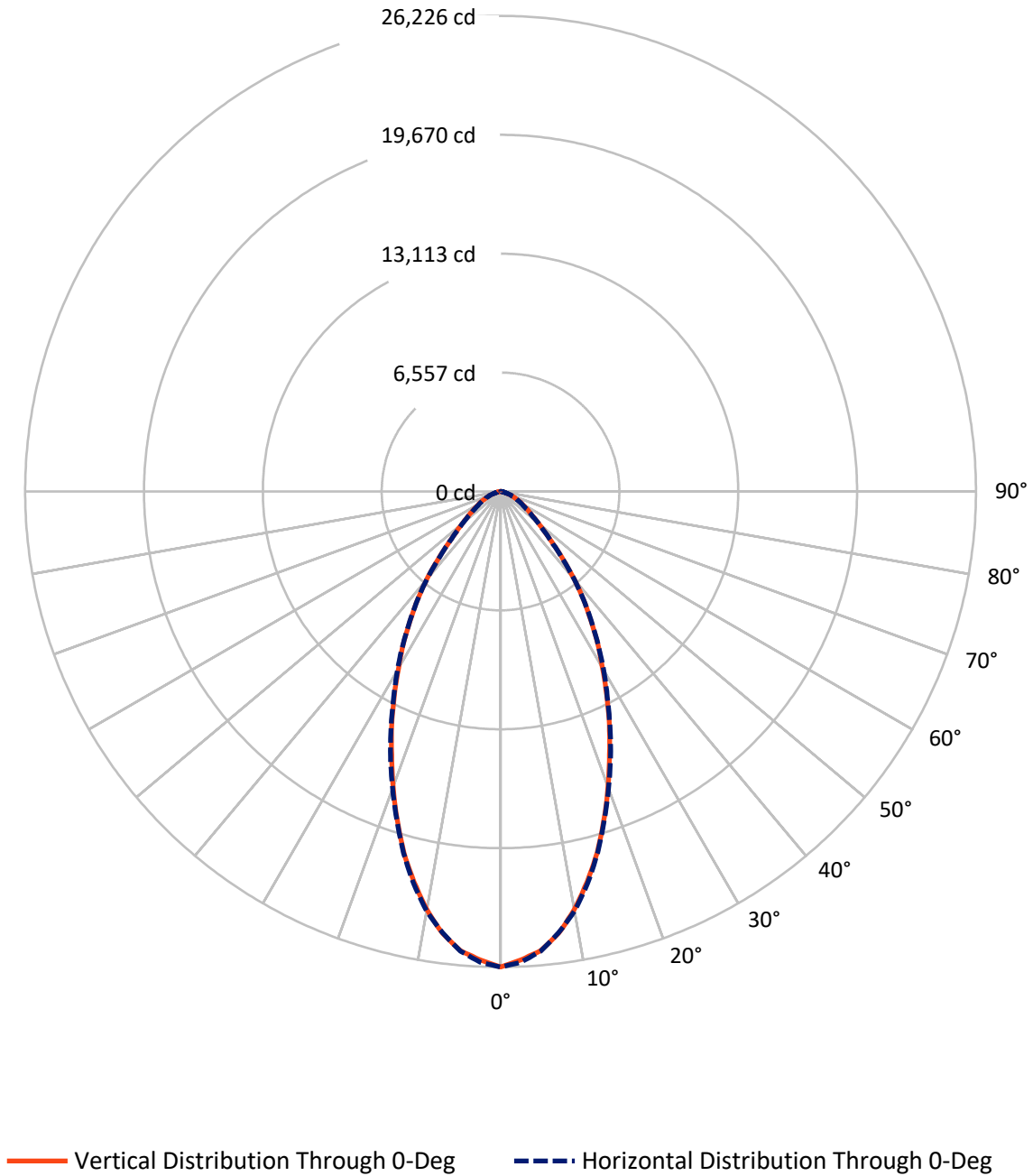
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Lumen Table

90																			
80	1.0	7.4	16.8	27.9	23.9	27.9	16.8	7.4	1.0										
70																			
60	3.5	4.1	7.7	12.3	17.8	23.1	27.1	29.0	29.0	27.1	23.1	17.8	12.3	7.7	4.1	3.5			
50		5.7	11.6	20.0	30.7	42.3	52.7	58.8	58.8	52.7	42.3	30.7	20.0	11.6	5.7				
40	5.1	7.4	16.0	29.9	50.4	77.5	106.8	126.4	126.4	106.8	77.5	50.4	29.9	16.0	7.4	5.1			
30		8.9	21.0	43.5	84.6	150.2	218.3	258.9	258.9	218.3	150.2	84.6	43.5	21.0	8.9				
20	6.0	10.4	26.1	60.8	136.8	245.8	351.8	420.5	420.5	351.8	245.8	136.8	60.8	26.1	10.4	6.0			
10		11.6	30.6	78.9	186.7	332.0	490.1	603.0	603.0	490.1	332.0	186.7	78.9	30.6	11.6				
0	6.4	12.2	33.2	90.6	214.9	386.0	587.3	738.6	738.6	587.3	386.0	214.9	90.6	33.2	12.2	6.4			
-10		12.2	33.2	90.6	214.9	386.0	587.3	738.6	738.6	587.3	386.0	214.9	90.6	33.2	12.2				
-20	6.0	11.6	30.6	78.9	186.7	332.0	490.1	603.0	603.0	490.1	332.0	186.7	78.9	30.6	11.6	6.0			
-30		10.4	26.1	60.8	136.8	245.8	351.8	420.5	420.5	351.8	245.8	136.8	60.8	26.1	10.4				
-40	5.1	8.9	21.0	43.5	84.6	150.2	218.3	258.9	258.9	218.3	150.2	84.6	43.5	21.0	8.9	5.1			
-50		7.4	16.0	29.9	50.4	77.5	106.8	126.4	126.4	106.8	77.5	50.4	29.9	16.0	7.4				
-60	3.5	5.7	11.6	20.0	30.7	42.3	52.7	58.8	58.8	52.7	42.3	30.7	20.0	11.6	5.7	3.5			
-70		4.1	7.7	12.3	17.8	23.1	27.1	29.0	29.0	27.1	23.1	17.8	12.3	7.7	4.1				
-80	1.0	7.4	16.8	27.9	23.9	27.9	16.8	7.4	1.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

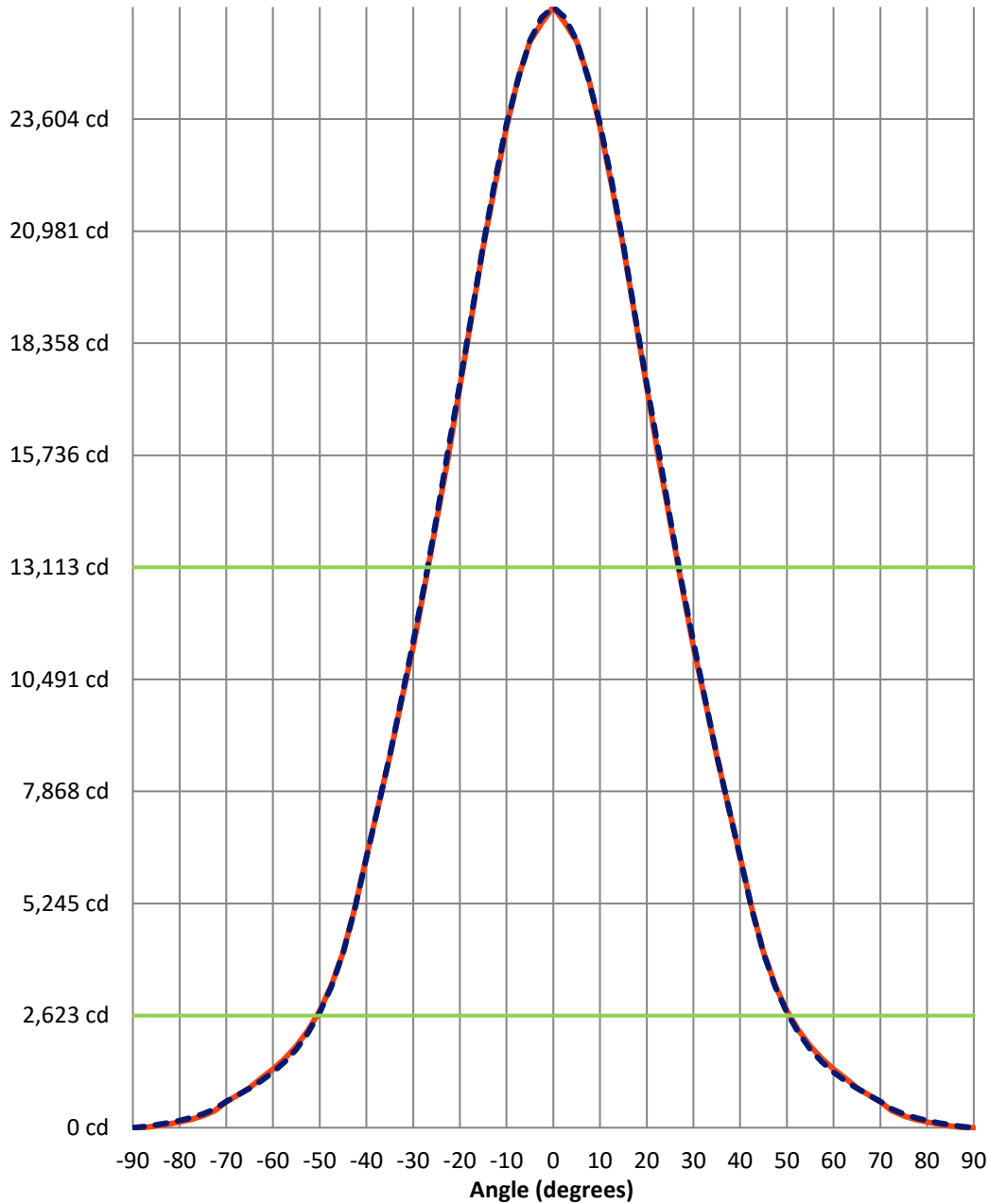
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 12762.6
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 23556.9
Efficiency: 88.3%

Spill:
Lumens: 3135.4
Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.3	3.1	5.0	7.2	9.7	12.5	13.8	14.9	15.8	16.4
85°	0.0	2.7	6.1	10.0	14.4	19.4	24.9	27.6	29.8	31.6	32.9
82.5°	0.0	4.0	9.2	15.0	21.6	29.0	37.2	41.4	45.6	52.9	59.3
80°	0.0	5.3	12.2	19.9	28.7	38.5	50.5	62.8	73.4	83.0	91.4
77.5°	0.0	6.6	15.1	24.8	35.7	50.1	72.1	88.0	101.2	113.1	124.9
75°	0.0	7.9	18.0	29.5	43.2	65.5	93.1	113.1	129.0	145.1	162.4
72.5°	0.0	9.1	20.9	34.2	53.5	80.4	113.4	137.8	156.9	177.5	199.3
70°	0.0	10.4	23.7	39.1	63.5	94.8	132.7	161.1	184.3	209.3	238.6
67.5°	0.0	11.6	26.4	45.2	73.0	108.5	149.4	183.9	211.2	242.2	277.3
65°	0.0	12.7	29.0	51.0	82.1	121.1	165.4	206.2	237.7	273.8	314.0
62.5°	0.0	13.9	31.5	56.5	90.6	132.6	180.4	227.3	263.2	304.2	348.1
60°	0.0	15.0	33.9	61.7	98.6	143.4	194.5	247.4	287.4	333.6	381.1
57.5°	0.0	16.1	36.9	66.5	106.0	153.5	207.2	265.4	312.0	362.0	411.6
55°	0.0	17.1	39.7	71.0	112.9	162.7	218.9	279.7	336.0	389.2	440.7
52.5°	0.0	18.0	42.5	75.1	119.2	171.2	229.6	295.4	359.1	415.1	469.2
50°	0.0	19.0	45.1	78.8	125.0	179.0	239.4	310.1	381.3	440.4	500.5
47.5°	0.0	19.9	47.6	82.2	130.1	186.0	248.4	323.5	403.2	465.0	531.2
45°	0.0	20.7	49.9	85.5	134.7	192.3	258.6	335.5	419.0	491.6	560.9
42.5°	0.0	21.5	52.1	88.5	138.6	197.7	267.7	347.3	433.3	517.2	591.6
40°	0.0	22.2	54.2	91.7	142.1	202.3	275.6	358.8	447.6	541.1	621.3
37.5°	0.0	22.8	56.2	95.0	145.2	206.0	282.4	369.1	463.2	560.0	649.5
35°	0.0	23.5	58.0	98.0	147.8	210.2	288.1	378.3	478.2	580.6	678.3
32.5°	0.0	24.0	59.6	100.8	149.7	214.2	293.2	386.4	492.5	601.6	707.8
30°	0.0	24.5	61.1	103.3	151.1	217.3	299.0	394.3	506.0	622.8	735.7
27.5°	0.0	24.9	62.5	105.5	154.3	219.5	303.7	404.0	520.0	644.1	761.7
25°	0.0	25.3	63.6	107.4	157.4	220.8	307.4	412.8	535.7	665.0	786.1
22.5°	0.0	25.6	64.7	109.0	160.2	222.6	310.0	420.5	550.7	684.2	812.7
20°	0.0	25.9	65.5	110.4	162.5	226.6	311.5	427.0	564.8	701.4	836.5
17.5°	0.0	26.1	66.2	111.5	164.5	229.9	315.0	432.2	577.8	716.6	857.4
15°	0.0	26.3	66.8	112.3	166.1	232.5	319.2	437.2	589.5	729.7	875.4
12.5°	0.0	26.4	67.2	112.8	167.2	234.4	322.2	441.7	599.4	740.6	890.4
10°	0.0	26.4	67.4	113.0	168.0	235.6	324.1	444.2	607.1	749.7	902.5
7.5°	0.0	26.4	67.5	112.9	168.3	236.1	324.9	444.7	612.5	756.7	912.0
5°	0.0	26.3	67.4	112.6	168.2	236.0	324.6	443.4	615.4	761.5	918.2
2.5°	0.0	26.2	67.1	112.0	167.7	235.1	323.2	440.3	615.8	763.9	921.3
0°	0.0	26.0	66.7	111.2	166.8	233.6	320.7	435.6	613.5	763.7	921.2
-2.5°	0.0	26.2	67.1	112.0	167.7	235.1	323.2	440.3	615.8	763.9	921.3
-5°	0.0	26.3	67.4	112.6	168.2	236.0	324.6	443.4	615.4	761.5	918.2
-7.5°	0.0	26.4	67.5	112.9	168.3	236.1	324.9	444.7	612.5	756.7	912.0
-10°	0.0	26.4	67.4	113.0	168.0	235.6	324.1	444.2	607.1	749.7	902.5
-12.5°	0.0	26.4	67.2	112.8	167.2	234.4	322.2	441.7	599.4	740.6	890.4
-15°	0.0	26.3	66.8	112.3	166.1	232.5	319.2	437.2	589.5	729.7	875.4
-17.5°	0.0	26.1	66.2	111.5	164.5	229.9	315.0	432.2	577.8	716.6	857.4
-20°	0.0	25.9	65.5	110.4	162.5	226.6	311.5	427.0	564.8	701.4	836.5

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CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	25.6	64.7	109.0	160.2	222.6	310.0	420.5	550.7	684.2	812.7
-25°	0.0	25.3	63.6	107.4	157.4	220.8	307.4	412.8	535.7	665.0	786.1
-27.5°	0.0	24.9	62.5	105.5	154.3	219.5	303.7	404.0	520.0	644.1	761.7
-30°	0.0	24.5	61.1	103.3	151.1	217.3	299.0	394.3	506.0	622.8	735.7
-32.5°	0.0	24.0	59.6	100.8	149.7	214.2	293.2	386.4	492.5	601.6	707.8
-35°	0.0	23.5	58.0	98.0	147.8	210.2	288.1	378.3	478.2	580.6	678.3
-37.5°	0.0	22.8	56.2	95.0	145.2	206.0	282.4	369.1	463.2	560.0	649.5
-40°	0.0	22.2	54.2	91.7	142.1	202.3	275.6	358.8	447.6	541.1	621.3
-42.5°	0.0	21.5	52.1	88.5	138.6	197.7	267.7	347.3	433.3	517.2	591.6
-45°	0.0	20.7	49.9	85.5	134.7	192.3	258.6	335.5	419.0	491.6	560.9
-47.5°	0.0	19.9	47.6	82.2	130.1	186.0	248.4	323.5	403.2	465.0	531.2
-50°	0.0	19.0	45.1	78.8	125.0	179.0	239.4	310.1	381.3	440.4	500.5
-52.5°	0.0	18.0	42.5	75.1	119.2	171.2	229.6	295.4	359.1	415.1	469.2
-55°	0.0	17.1	39.7	71.0	112.9	162.7	218.9	279.7	336.0	389.2	440.7
-57.5°	0.0	16.1	36.9	66.5	106.0	153.5	207.2	265.4	312.0	362.0	411.6
-60°	0.0	15.0	33.9	61.7	98.6	143.4	194.5	247.4	287.4	333.6	381.1
-62.5°	0.0	13.9	31.5	56.5	90.6	132.6	180.4	227.3	263.2	304.2	348.1
-65°	0.0	12.7	29.0	51.0	82.1	121.1	165.4	206.2	237.7	273.8	314.0
-67.5°	0.0	11.6	26.4	45.2	73.0	108.5	149.4	183.9	211.2	242.2	277.3
-70°	0.0	10.4	23.7	39.1	63.5	94.8	132.7	161.1	184.3	209.3	238.6
-72.5°	0.0	9.1	20.9	34.2	53.5	80.4	113.4	137.8	156.9	177.5	199.3
-75°	0.0	7.9	18.0	29.5	43.2	65.5	93.1	113.1	129.0	145.1	162.4
-77.5°	0.0	6.6	15.1	24.8	35.7	50.1	72.1	88.0	101.2	113.1	124.9
-80°	0.0	5.3	12.2	19.9	28.7	38.5	50.5	62.8	73.4	83.0	91.4
-82.5°	0.0	4.0	9.2	15.0	21.6	29.0	37.2	41.4	45.6	52.9	59.3
-85°	0.0	2.7	6.1	10.0	14.4	19.4	24.9	27.6	29.8	31.6	32.9
-87.5°	0.0	1.3	3.1	5.0	7.2	9.7	12.5	13.8	14.9	15.8	16.4
-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°	16.7	16.7	16.4	16.0	15.2	14.3	13.2	11.8	12.3	12.8	13.2
85°	33.4	33.4	36.2	38.7	39.9	40.1	39.3	37.6	42.5	48.1	54.1
82.5°	65.2	70.9	76.2	81.2	81.8	80.5	78.0	75.1	85.0	97.0	109.6
80°	100.0	108.3	118.0	126.9	129.1	128.2	125.4	120.9	133.9	152.4	172.4
77.5°	138.8	152.0	164.4	175.8	179.1	178.6	176.5	172.8	189.4	215.1	241.7
75°	179.7	195.7	211.7	225.6	231.6	232.1	231.4	235.3	257.2	287.2	313.7
72.5°	222.3	242.8	260.7	276.1	285.7	293.0	302.7	314.7	336.8	366.2	392.2
70°	267.5	290.1	309.0	326.1	340.8	356.8	377.3	397.7	421.0	450.4	477.3
67.5°	312.0	335.0	356.3	377.2	404.0	429.7	455.2	481.8	511.2	542.0	569.3
65°	353.2	379.2	405.2	435.7	470.5	499.6	531.1	565.6	604.1	638.9	670.5
62.5°	392.8	422.1	454.3	491.1	528.8	565.3	607.5	651.9	696.9	740.4	783.6
60°	426.2	462.7	501.8	543.4	587.0	636.5	686.0	738.9	792.6	845.0	898.5
57.5°	458.3	503.5	548.5	597.0	651.2	707.8	767.3	826.9	891.1	954.5	1015.2
55°	491.7	544.9	596.2	653.5	715.7	782.3	849.4	921.6	992.5	1072.4	1146.1
52.5°	527.3	585.2	645.5	711.1	783.7	858.8	937.5	1020.3	1108.6	1197.4	1287.4
50°	562.1	627.3	694.4	772.9	854.2	939.9	1030.8	1127.3	1230.0	1332.8	1441.8
47.5°	598.4	668.0	749.9	835.3	928.3	1025.9	1128.9	1243.5	1357.7	1487.2	1612.3
45°	634.3	714.2	803.2	902.3	1004.5	1114.4	1236.9	1362.8	1508.6	1654.8	1819.1
42.5°	668.6	760.9	861.3	967.3	1083.5	1209.8	1345.4	1503.7	1668.1	1849.1	2041.9
40°	708.2	805.5	918.6	1037.0	1163.0	1307.4	1470.5	1646.3	1846.8	2061.2	2280.3
37.5°	746.5	855.9	975.1	1103.6	1249.8	1412.5	1592.5	1808.0	2039.3	2283.1	2581.2
35°	782.5	903.8	1033.3	1174.1	1332.5	1520.9	1736.2	1974.3	2241.0	2555.4	2903.2
32.5°	820.7	949.1	1088.3	1246.2	1425.5	1631.3	1875.8	2156.1	2471.7	2829.8	3264.8
30°	859.1	995.8	1142.9	1313.8	1513.2	1751.4	2029.3	2339.1	2702.1	3151.1	3661.9
27.5°	894.7	1039.5	1200.6	1385.3	1598.5	1862.1	2176.7	2539.8	2967.5	3474.9	4071.6
25°	927.4	1079.2	1253.6	1453.5	1692.5	1981.7	2322.7	2724.9	3233.0	3838.1	4572.1
22.5°	958.6	1115.4	1301.4	1514.8	1777.3	2097.3	2481.2	2941.4	3503.1	4182.2	5062.5
20°	987.8	1154.6	1349.0	1573.4	1853.0	2201.8	2627.0	3143.5	3782.7	4586.7	5543.3
17.5°	1013.5	1189.1	1394.0	1636.8	1937.4	2308.0	2764.4	3322.0	4031.6	4947.9	5987.1
15°	1035.6	1218.8	1432.9	1691.7	2013.3	2413.5	2908.7	3517.7	4291.3	5276.4	6376.6
12.5°	1054.0	1243.7	1465.7	1737.8	2077.2	2502.7	3031.9	3692.1	4544.2	5585.9	6718.7
10°	1068.7	1263.7	1492.0	1775.1	2128.6	2575.2	3133.4	3834.8	4754.7	5851.1	7008.0
7.5°	1080.9	1279.3	1512.2	1803.4	2167.6	2630.5	3212.4	3944.9	4919.1	6061.1	7230.0
5°	1089.6	1290.5	1527.5	1823.2	2196.2	2669.1	3267.7	4021.9	5036.1	6213.2	7381.9
2.5°	1094.5	1296.6	1536.3	1833.7	2213.7	2691.0	3296.7	4070.2	5100.4	6300.1	7473.6
0°	1095.5	1297.5	1538.5	1835.0	2218.7	2695.1	3301.2	4085.3	5114.0	6322.6	7507.0
-2.5°	1094.5	1296.6	1536.3	1833.7	2213.7	2691.0	3296.7	4070.2	5100.4	6300.1	7473.6
-5°	1089.6	1290.5	1527.5	1823.2	2196.2	2669.1	3267.7	4021.9	5036.1	6213.2	7381.9
-7.5°	1080.9	1279.3	1512.2	1803.4	2167.6	2630.5	3212.4	3944.9	4919.1	6061.1	7230.0
-10°	1068.7	1263.7	1492.0	1775.1	2128.6	2575.2	3133.4	3834.8	4754.7	5851.1	7008.0
-12.5°	1054.0	1243.7	1465.7	1737.8	2077.2	2502.7	3031.9	3692.1	4544.2	5585.9	6718.7
-15°	1035.6	1218.8	1432.9	1691.7	2013.3	2413.5	2908.7	3517.7	4291.3	5276.4	6376.6
-17.5°	1013.5	1189.1	1394.0	1636.8	1937.4	2308.0	2764.4	3322.0	4031.6	4947.9	5987.1
-20°	987.8	1154.6	1349.0	1573.4	1853.0	2201.8	2627.0	3143.5	3782.7	4586.7	5543.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	958.6	1115.4	1301.4	1514.8	1777.3	2097.3	2481.2	2941.4	3503.1	4182.2	5062.5
-25°	927.4	1079.2	1253.6	1453.5	1692.5	1981.7	2322.7	2724.9	3233.0	3838.1	4572.1
-27.5°	894.7	1039.5	1200.6	1385.3	1598.5	1862.1	2176.7	2539.8	2967.5	3474.9	4071.6
-30°	859.1	995.8	1142.9	1313.8	1513.2	1751.4	2029.3	2339.1	2702.1	3151.1	3661.9
-32.5°	820.7	949.1	1088.3	1246.2	1425.5	1631.3	1875.8	2156.1	2471.7	2829.8	3264.8
-35°	782.5	903.8	1033.3	1174.1	1332.5	1520.9	1736.2	1974.3	2241.0	2555.4	2903.2
-37.5°	746.5	855.9	975.1	1103.6	1249.8	1412.5	1592.5	1808.0	2039.3	2283.1	2581.2
-40°	708.2	805.5	918.6	1037.0	1163.0	1307.4	1470.5	1646.3	1846.8	2061.2	2280.3
-42.5°	668.6	760.9	861.3	967.3	1083.5	1209.8	1345.4	1503.7	1668.1	1849.1	2041.9
-45°	634.3	714.2	803.2	902.3	1004.5	1114.4	1236.9	1362.8	1508.6	1654.8	1819.1
-47.5°	598.4	668.0	749.9	835.3	928.3	1025.9	1128.9	1243.5	1357.7	1487.2	1612.3
-50°	562.1	627.3	694.4	772.9	854.2	939.9	1030.8	1127.3	1230.0	1332.8	1441.8
-52.5°	527.3	585.2	645.5	711.1	783.7	858.8	937.5	1020.3	1108.6	1197.4	1287.4
-55°	491.7	544.9	596.2	653.5	715.7	782.3	849.4	921.6	992.5	1072.4	1146.1
-57.5°	458.3	503.5	548.5	597.0	651.2	707.8	767.3	826.9	891.1	954.5	1015.2
-60°	426.2	462.7	501.8	543.4	587.0	636.5	686.0	738.9	792.6	845.0	898.5
-62.5°	392.8	422.1	454.3	491.1	528.8	565.3	607.5	651.9	696.9	740.4	783.6
-65°	353.2	379.2	405.2	435.7	470.5	499.6	531.1	565.6	604.1	638.9	670.5
-67.5°	312.0	335.0	356.3	377.2	404.0	429.7	455.2	481.8	511.2	542.0	569.3
-70°	267.5	290.1	309.0	326.1	340.8	356.8	377.3	397.7	421.0	450.4	477.3
-72.5°	222.3	242.8	260.7	276.1	285.7	293.0	302.7	314.7	336.8	366.2	392.2
-75°	179.7	195.7	211.7	225.6	231.6	232.1	231.4	235.3	257.2	287.2	313.7
-77.5°	138.8	152.0	164.4	175.8	179.1	178.6	176.5	172.8	189.4	215.1	241.7
-80°	100.0	108.3	118.0	126.9	129.1	128.2	125.4	120.9	133.9	152.4	172.4
-82.5°	65.2	70.9	76.2	81.2	81.8	80.5	78.0	75.1	85.0	97.0	109.6
-85°	33.4	33.4	36.2	38.7	39.9	40.1	39.3	37.6	42.5	48.1	54.1
-87.5°	16.7	16.7	16.4	16.0	15.2	14.3	13.2	11.8	12.3	12.8	13.2
-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: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.7	13.3	12.9	12.4	11.8	11.6	11.3	11.0	10.7	9.9	9.1
85°	60.3	61.6	62.4	62.7	62.7	64.7	66.6	68.3	69.8	63.3	56.1
82.5°	122.6	128.4	133.4	138.4	143.3	146.7	149.3	151.2	152.4	138.0	121.8
80°	193.0	205.0	215.0	224.6	233.8	236.0	236.0	234.7	232.2	212.4	190.0
77.5°	268.4	284.2	296.7	309.2	321.4	325.9	328.1	329.8	330.9	306.5	276.4
75°	336.7	355.6	373.2	389.5	404.5	412.5	417.2	421.1	424.0	399.5	367.2
72.5°	414.7	434.7	453.7	471.8	487.7	498.3	505.2	510.9	515.3	501.3	481.2
70°	500.5	521.1	541.2	560.0	578.1	592.3	603.5	613.1	621.1	622.7	622.0
67.5°	595.7	620.1	644.0	664.4	685.9	705.9	723.6	738.3	750.0	757.7	762.0
65°	702.5	739.2	771.9	799.5	822.7	849.4	873.1	891.1	903.9	913.5	921.8
62.5°	828.5	872.9	910.3	947.1	985.2	1022.2	1045.3	1068.5	1091.2	1112.6	1130.9
60°	949.6	998.4	1049.0	1096.1	1139.7	1179.8	1221.3	1258.1	1290.3	1317.2	1337.3
57.5°	1078.8	1138.2	1195.6	1255.4	1311.7	1364.2	1415.5	1462.8	1503.8	1538.2	1566.3
55°	1219.0	1291.6	1359.9	1435.8	1509.4	1576.6	1638.3	1701.7	1758.8	1809.0	1848.8
52.5°	1370.1	1464.5	1555.0	1644.2	1739.6	1825.7	1902.8	1990.5	2068.4	2132.7	2182.9
50°	1550.6	1661.5	1780.9	1891.4	2011.8	2130.3	2239.5	2345.3	2448.8	2538.4	2610.8
47.5°	1756.1	1892.6	2040.5	2187.0	2336.4	2498.4	2642.9	2777.3	2922.0	3047.6	3148.4
45°	1984.5	2158.5	2337.2	2543.1	2732.8	2940.9	3133.5	3306.6	3511.8	3692.6	3838.1
42.5°	2237.9	2469.7	2704.7	2964.1	3215.7	3479.9	3760.6	4009.5	4281.7	4541.2	4750.9
40°	2552.1	2829.1	3143.8	3457.7	3818.9	4158.3	4567.1	4938.7	5276.1	5585.5	5839.1
37.5°	2901.1	3257.8	3653.1	4062.0	4556.2	5040.7	5519.3	5971.1	6369.9	6708.7	6992.8
35°	3297.3	3750.5	4229.4	4826.3	5405.4	5985.6	6526.2	7020.0	7453.9	7836.0	8160.9
32.5°	3753.1	4297.0	4967.4	5638.0	6298.6	6937.4	7530.8	8069.4	8545.2	8974.2	9347.9
30°	4232.2	4974.5	5726.8	6462.6	7184.0	7883.7	8535.0	9128.3	9665.9	10143.5	10574.0
27.5°	4841.2	5663.7	6484.1	7277.1	8070.9	8836.7	9542.5	10201.6	10818.5	11358.4	11850.4
25°	5430.2	6338.8	7210.9	8075.6	8939.6	9761.8	10551.1	11295.5	12002.0	12621.6	13170.9
22.5°	6019.0	6970.1	7902.0	8831.8	9759.9	10676.5	11562.8	12415.6	13205.7	13911.3	14529.6
20°	6564.5	7558.6	8555.2	9557.6	10563.6	11567.0	12562.3	13522.1	14402.3	15216.8	15932.5
17.5°	7053.4	8110.8	9167.4	10239.6	11330.1	12419.4	13525.1	14601.0	15607.4	16534.1	17364.4
15°	7486.4	8589.7	9724.6	10881.5	12052.5	13235.6	14442.1	15645.8	16778.7	17831.3	18758.2
12.5°	7865.0	9012.1	10201.5	11430.7	12701.7	13990.6	15307.3	16626.8	17880.9	19096.1	20097.0
10°	8177.4	9371.3	10614.4	11906.1	13246.4	14633.6	16046.2	17466.5	18848.2	20137.4	21282.0
7.5°	8418.7	9657.3	10938.3	12281.6	13687.9	15150.6	16647.1	18154.4	19628.9	21017.9	22284.4
5°	8588.9	9865.4	11162.6	12560.0	14015.0	15530.9	17086.2	18656.9	20198.3	21658.8	22971.4
2.5°	8687.7	9990.4	11293.1	12729.1	14209.5	15760.9	17358.4	18955.0	20537.0	22051.9	23400.6
0°	8713.7	10027.9	11368.0	12747.1	14270.7	15868.5	17408.9	19010.3	20654.5	22148.5	23492.3
-2.5°	8687.7	9990.4	11293.1	12729.1	14209.5	15760.9	17358.4	18955.0	20537.0	22051.9	23400.6
-5°	8588.9	9865.4	11162.6	12560.0	14015.0	15530.9	17086.2	18656.9	20198.3	21658.8	22971.4
-7.5°	8418.7	9657.3	10938.3	12281.6	13687.9	15150.6	16647.1	18154.4	19628.9	21017.9	22284.4
-10°	8177.4	9371.3	10614.4	11906.1	13246.4	14633.6	16046.2	17466.5	18848.2	20137.4	21282.0
-12.5°	7865.0	9012.1	10201.5	11430.7	12701.7	13990.6	15307.3	16626.8	17880.9	19096.1	20097.0
-15°	7486.4	8589.7	9724.6	10881.5	12052.5	13235.6	14442.1	15645.8	16778.7	17831.3	18758.2
-17.5°	7053.4	8110.8	9167.4	10239.6	11330.1	12419.4	13525.1	14601.0	15607.4	16534.1	17364.4
-20°	6564.5	7558.6	8555.2	9557.6	10563.6	11567.0	12562.3	13522.1	14402.3	15216.8	15932.5

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Scaled Data Report



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6019.0	6970.1	7902.0	8831.8	9759.9	10676.5	11562.8	12415.6	13205.7	13911.3	14529.6
-25°	5430.2	6338.8	7210.9	8075.6	8939.6	9761.8	10551.1	11295.5	12002.0	12621.6	13170.9
-27.5°	4841.2	5663.7	6484.1	7277.1	8070.9	8836.7	9542.5	10201.6	10818.5	11358.4	11850.4
-30°	4232.2	4974.5	5726.8	6462.6	7184.0	7883.7	8535.0	9128.3	9665.9	10143.5	10574.0
-32.5°	3753.1	4297.0	4967.4	5638.0	6298.6	6937.4	7530.8	8069.4	8545.2	8974.2	9347.9
-35°	3297.3	3750.5	4229.4	4826.3	5405.4	5985.6	6526.2	7020.0	7453.9	7836.0	8160.9
-37.5°	2901.1	3257.8	3653.1	4062.0	4556.2	5040.7	5519.3	5971.1	6369.9	6708.7	6992.8
-40°	2552.1	2829.1	3143.8	3457.7	3818.9	4158.3	4567.1	4938.7	5276.1	5585.5	5839.1
-42.5°	2237.9	2469.7	2704.7	2964.1	3215.7	3479.9	3760.6	4009.5	4281.7	4541.2	4750.9
-45°	1984.5	2158.5	2337.2	2543.1	2732.8	2940.9	3133.5	3306.6	3511.8	3692.6	3838.1
-47.5°	1756.1	1892.6	2040.5	2187.0	2336.4	2498.4	2642.9	2777.3	2922.0	3047.6	3148.4
-50°	1550.6	1661.5	1780.9	1891.4	2011.8	2130.3	2239.5	2345.3	2448.8	2538.4	2610.8
-52.5°	1370.1	1464.5	1555.0	1644.2	1739.6	1825.7	1902.8	1990.5	2068.4	2132.7	2182.9
-55°	1219.0	1291.6	1359.9	1435.8	1509.4	1576.6	1638.3	1701.7	1758.8	1809.0	1848.8
-57.5°	1078.8	1138.2	1195.6	1255.4	1311.7	1364.2	1415.5	1462.8	1503.8	1538.2	1566.3
-60°	949.6	998.4	1049.0	1096.1	1139.7	1179.8	1221.3	1258.1	1290.3	1317.2	1337.3
-62.5°	828.5	872.9	910.3	947.1	985.2	1022.2	1045.3	1068.5	1091.2	1112.6	1130.9
-65°	702.5	739.2	771.9	799.5	822.7	849.4	873.1	891.1	903.9	913.5	921.8
-67.5°	595.7	620.1	644.0	664.4	685.9	705.9	723.6	738.3	750.0	757.7	762.0
-70°	500.5	521.1	541.2	560.0	578.1	592.3	603.5	613.1	621.1	622.7	622.0
-72.5°	414.7	434.7	453.7	471.8	487.7	498.3	505.2	510.9	515.3	501.3	481.2
-75°	336.7	355.6	373.2	389.5	404.5	412.5	417.2	421.1	424.0	399.5	367.2
-77.5°	268.4	284.2	296.7	309.2	321.4	325.9	328.1	329.8	330.9	306.5	276.4
-80°	193.0	205.0	215.0	224.6	233.8	236.0	236.0	234.7	232.2	212.4	190.0
-82.5°	122.6	128.4	133.4	138.4	143.3	146.7	149.3	151.2	152.4	138.0	121.8
-85°	60.3	61.6	62.4	62.7	62.7	64.7	66.6	68.3	69.8	63.3	56.1
-87.5°	13.7	13.3	12.9	12.4	11.8	11.6	11.3	11.0	10.7	9.9	9.1
-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: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.3	7.4	6.5	5.6	6.5	7.4	8.3	9.1	9.9	10.7	11.0
85°	48.5	40.6	39.8	38.9	39.8	40.6	48.5	56.1	63.3	69.8	68.3
82.5°	104.7	86.9	84.2	81.6	84.2	86.9	104.7	121.8	138.0	152.4	151.2
80°	166.7	142.6	138.0	133.5	138.0	142.6	166.7	190.0	212.4	232.2	234.7
77.5°	244.7	211.6	202.0	192.8	202.0	211.6	244.7	276.4	306.5	330.9	329.8
75°	333.6	298.9	287.2	276.2	287.2	298.9	333.6	367.2	399.5	424.0	421.1
72.5°	460.8	439.6	418.2	394.8	418.2	439.6	460.8	481.2	501.3	515.3	510.9
70°	621.3	619.8	614.4	606.1	614.4	619.8	621.3	622.0	622.7	621.1	613.1
67.5°	763.9	763.3	765.2	765.5	765.2	763.3	763.9	762.0	757.7	750.0	738.3
65°	926.9	928.7	932.5	934.2	932.5	928.7	926.9	921.8	913.5	903.9	891.1
62.5°	1144.9	1154.4	1159.1	1158.5	1159.1	1154.4	1144.9	1130.9	1112.6	1091.2	1068.5
60°	1352.3	1362.1	1368.3	1369.8	1368.3	1362.1	1352.3	1337.3	1317.2	1290.3	1258.1
57.5°	1588.6	1604.7	1613.3	1614.5	1613.3	1604.7	1588.6	1566.3	1538.2	1503.8	1462.8
55°	1879.4	1900.8	1910.3	1909.2	1910.3	1900.8	1879.4	1848.8	1809.0	1758.8	1701.7
52.5°	2220.8	2246.8	2266.3	2278.1	2266.3	2246.8	2220.8	2182.9	2132.7	2068.4	1990.5
50°	2665.2	2702.5	2726.2	2735.9	2726.2	2702.5	2665.2	2610.8	2538.4	2448.8	2345.3
47.5°	3221.3	3270.7	3307.3	3332.7	3307.3	3270.7	3221.3	3148.4	3047.6	2922.0	2777.3
45°	3945.6	4020.9	4072.1	4102.0	4072.1	4020.9	3945.6	3838.1	3692.6	3511.8	3306.6
42.5°	4914.7	5031.6	5103.2	5130.7	5103.2	5031.6	4914.7	4750.9	4541.2	4281.7	4009.5
40°	6039.4	6179.8	6271.9	6335.5	6271.9	6179.8	6039.4	5839.1	5585.5	5276.1	4938.7
37.5°	7210.8	7358.3	7448.0	7508.9	7448.0	7358.3	7210.8	6992.8	6708.7	6369.9	5971.1
35°	8405.8	8560.2	8644.3	8691.5	8644.3	8560.2	8405.8	8160.9	7836.0	7453.9	7020.0
32.5°	9632.7	9802.8	9894.4	9989.0	9894.4	9802.8	9632.7	9347.9	8974.2	8545.2	8069.4
30°	10914.1	11109.4	11205.1	11251.2	11205.1	11109.4	10914.1	10574.0	10143.5	9665.9	9128.3
27.5°	12247.5	12490.8	12610.7	12689.6	12610.7	12490.8	12247.5	11850.4	11358.4	10818.5	10201.6
25°	13634.9	13936.4	14073.7	14196.6	14073.7	13936.4	13634.9	13170.9	12621.6	12002.0	11295.5
22.5°	15074.4	15449.8	15608.9	15696.1	15608.9	15449.8	15074.4	14529.6	13911.3	13205.7	12415.6
20°	16551.4	17000.1	17221.0	17334.7	17221.0	17000.1	16551.4	15932.5	15216.8	14402.3	13522.1
17.5°	18061.8	18619.9	18905.8	18971.4	18905.8	18619.9	18061.8	17364.4	16534.1	15607.4	14601.0
15°	19544.6	20148.3	20486.2	20610.0	20486.2	20148.3	19544.6	18758.2	17831.3	16778.7	15645.8
12.5°	20948.8	21574.5	21978.3	22050.2	21978.3	21574.5	20948.8	20097.0	19096.1	17880.9	16626.8
10°	22222.4	22870.5	23316.5	23418.2	23316.5	22870.5	22222.4	21282.0	20137.4	18848.2	17466.5
7.5°	23287.1	23998.2	24490.9	24576.7	24490.9	23998.2	23287.1	22284.4	21017.9	19628.9	18154.4
5°	24066.0	24910.4	25314.8	25416.3	25314.8	24910.4	24066.0	22971.4	21658.8	20198.3	18656.9
2.5°	24493.3	25352.9	25915.0	25850.1	25915.0	25352.9	24493.3	23400.6	22051.9	20537.0	18955.0
0°	24541.4	25440.4	25978.0	26226.3	25978.0	25440.4	24541.4	23492.3	22148.5	20654.5	19010.3
-2.5°	24493.3	25352.9	25915.0	25850.1	25915.0	25352.9	24493.3	23400.6	22051.9	20537.0	18955.0
-5°	24066.0	24910.4	25314.8	25416.3	25314.8	24910.4	24066.0	22971.4	21658.8	20198.3	18656.9
-7.5°	23287.1	23998.2	24490.9	24576.7	24490.9	23998.2	23287.1	22284.4	21017.9	19628.9	18154.4
-10°	22222.4	22870.5	23316.5	23418.2	23316.5	22870.5	22222.4	21282.0	20137.4	18848.2	17466.5
-12.5°	20948.8	21574.5	21978.3	22050.2	21978.3	21574.5	20948.8	20097.0	19096.1	17880.9	16626.8
-15°	19544.6	20148.3	20486.2	20610.0	20486.2	20148.3	19544.6	18758.2	17831.3	16778.7	15645.8
-17.5°	18061.8	18619.9	18905.8	18971.4	18905.8	18619.9	18061.8	17364.4	16534.1	15607.4	14601.0
-20°	16551.4	17000.1	17221.0	17334.7	17221.0	17000.1	16551.4	15932.5	15216.8	14402.3	13522.1



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15074.4	15449.8	15608.9	15696.1	15608.9	15449.8	15074.4	14529.6	13911.3	13205.7	12415.6
-25°	13634.9	13936.4	14073.7	14196.6	14073.7	13936.4	13634.9	13170.9	12621.6	12002.0	11295.5
-27.5°	12247.5	12490.8	12610.7	12689.6	12610.7	12490.8	12247.5	11850.4	11358.4	10818.5	10201.6
-30°	10914.1	11109.4	11205.1	11251.2	11205.1	11109.4	10914.1	10574.0	10143.5	9665.9	9128.3
-32.5°	9632.7	9802.8	9894.4	9989.0	9894.4	9802.8	9632.7	9347.9	8974.2	8545.2	8069.4
-35°	8405.8	8560.2	8644.3	8691.5	8644.3	8560.2	8405.8	8160.9	7836.0	7453.9	7020.0
-37.5°	7210.8	7358.3	7448.0	7508.9	7448.0	7358.3	7210.8	6992.8	6708.7	6369.9	5971.1
-40°	6039.4	6179.8	6271.9	6335.5	6271.9	6179.8	6039.4	5839.1	5585.5	5276.1	4938.7
-42.5°	4914.7	5031.6	5103.2	5130.7	5103.2	5031.6	4914.7	4750.9	4541.2	4281.7	4009.5
-45°	3945.6	4020.9	4072.1	4102.0	4072.1	4020.9	3945.6	3838.1	3692.6	3511.8	3306.6
-47.5°	3221.3	3270.7	3307.3	3332.7	3307.3	3270.7	3221.3	3148.4	3047.6	2922.0	2777.3
-50°	2665.2	2702.5	2726.2	2735.9	2726.2	2702.5	2665.2	2610.8	2538.4	2448.8	2345.3
-52.5°	2220.8	2246.8	2266.3	2278.1	2266.3	2246.8	2220.8	2182.9	2132.7	2068.4	1990.5
-55°	1879.4	1900.8	1910.3	1909.2	1910.3	1900.8	1879.4	1848.8	1809.0	1758.8	1701.7
-57.5°	1588.6	1604.7	1613.3	1614.5	1613.3	1604.7	1588.6	1566.3	1538.2	1503.8	1462.8
-60°	1352.3	1362.1	1368.3	1369.8	1368.3	1362.1	1352.3	1337.3	1317.2	1290.3	1258.1
-62.5°	1144.9	1154.4	1159.1	1158.5	1159.1	1154.4	1144.9	1130.9	1112.6	1091.2	1068.5
-65°	926.9	928.7	932.5	934.2	932.5	928.7	926.9	921.8	913.5	903.9	891.1
-67.5°	763.9	763.3	765.2	765.5	765.2	763.3	763.9	762.0	757.7	750.0	738.3
-70°	621.3	619.8	614.4	606.1	614.4	619.8	621.3	622.0	622.7	621.1	613.1
-72.5°	460.8	439.6	418.2	394.8	418.2	439.6	460.8	481.2	501.3	515.3	510.9
-75°	333.6	298.9	287.2	276.2	287.2	298.9	333.6	367.2	399.5	424.0	421.1
-77.5°	244.7	211.6	202.0	192.8	202.0	211.6	244.7	276.4	306.5	330.9	329.8
-80°	166.7	142.6	138.0	133.5	138.0	142.6	166.7	190.0	212.4	232.2	234.7
-82.5°	104.7	86.9	84.2	81.6	84.2	86.9	104.7	121.8	138.0	152.4	151.2
-85°	48.5	40.6	39.8	38.9	39.8	40.6	48.5	56.1	63.3	69.8	68.3
-87.5°	8.3	7.4	6.5	5.6	6.5	7.4	8.3	9.1	9.9	10.7	11.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.3	11.6	11.8	12.4	12.9	13.3	13.7	13.2	12.8	12.3	11.8
85°	66.6	64.7	62.7	62.7	62.4	61.6	60.3	54.1	48.1	42.5	37.6
82.5°	149.3	146.7	143.3	138.4	133.4	128.4	122.6	109.6	97.0	85.0	75.1
80°	236.0	236.0	233.8	224.6	215.0	205.0	193.0	172.4	152.4	133.9	120.9
77.5°	328.1	325.9	321.4	309.2	296.7	284.2	268.4	241.7	215.1	189.4	172.8
75°	417.2	412.5	404.5	389.5	373.2	355.6	336.7	313.7	287.2	257.2	235.3
72.5°	505.2	498.3	487.7	471.8	453.7	434.7	414.7	392.2	366.2	336.8	314.7
70°	603.5	592.3	578.1	560.0	541.2	521.1	500.5	477.3	450.4	421.0	397.7
67.5°	723.6	705.9	685.9	664.4	644.0	620.1	595.7	569.3	542.0	511.2	481.8
65°	873.1	849.4	822.7	799.5	771.9	739.2	702.5	670.5	638.9	604.1	565.6
62.5°	1045.3	1022.2	985.2	947.1	910.3	872.9	828.5	783.6	740.4	696.9	651.9
60°	1221.3	1179.8	1139.7	1096.1	1049.0	998.4	949.6	898.5	845.0	792.6	738.9
57.5°	1415.5	1364.2	1311.7	1255.4	1195.6	1138.2	1078.8	1015.2	954.5	891.1	826.9
55°	1638.3	1576.6	1509.4	1435.8	1359.9	1291.6	1219.0	1146.1	1072.4	992.5	921.6
52.5°	1902.8	1825.7	1739.6	1644.2	1555.0	1464.5	1370.1	1287.4	1197.4	1108.6	1020.3
50°	2239.5	2130.3	2011.8	1891.4	1780.9	1661.5	1550.6	1441.8	1332.8	1230.0	1127.3
47.5°	2642.9	2498.4	2336.4	2187.0	2040.5	1892.6	1756.1	1612.3	1487.2	1357.7	1243.5
45°	3133.5	2940.9	2732.8	2543.1	2337.2	2158.5	1984.5	1819.1	1654.8	1508.6	1362.8
42.5°	3760.6	3479.9	3215.7	2964.1	2704.7	2469.7	2237.9	2041.9	1849.1	1668.1	1503.7
40°	4567.1	4158.3	3818.9	3457.7	3143.8	2829.1	2552.1	2280.3	2061.2	1846.8	1646.3
37.5°	5519.3	5040.7	4556.2	4062.0	3653.1	3257.8	2901.1	2581.2	2283.1	2039.3	1808.0
35°	6526.2	5985.6	5405.4	4826.3	4229.4	3750.5	3297.3	2903.2	2555.4	2241.0	1974.3
32.5°	7530.8	6937.4	6298.6	5638.0	4967.4	4297.0	3753.1	3264.8	2829.8	2471.7	2156.1
30°	8535.0	7883.7	7184.0	6462.6	5726.8	4974.5	4232.2	3661.9	3151.1	2702.1	2339.1
27.5°	9542.5	8836.7	8070.9	7277.1	6484.1	5663.7	4841.2	4071.6	3474.9	2967.5	2539.8
25°	10551.1	9761.8	8939.6	8075.6	7210.9	6338.8	5430.2	4572.1	3838.1	3233.0	2724.9
22.5°	11562.8	10676.5	9759.9	8831.8	7902.0	6970.1	6019.0	5062.5	4182.2	3503.1	2941.4
20°	12562.3	11567.0	10563.6	9557.6	8555.2	7558.6	6564.5	5543.3	4586.7	3782.7	3143.5
17.5°	13525.1	12419.4	11330.1	10239.6	9167.4	8110.8	7053.4	5987.1	4947.9	4031.6	3322.0
15°	14442.1	13235.6	12052.5	10881.5	9724.6	8589.7	7486.4	6376.6	5276.4	4291.3	3517.7
12.5°	15307.3	13990.6	12701.7	11430.7	10201.5	9012.1	7865.0	6718.7	5585.9	4544.2	3692.1
10°	16046.2	14633.6	13246.4	11906.1	10614.4	9371.3	8177.4	7008.0	5851.1	4754.7	3834.8
7.5°	16647.1	15150.6	13687.9	12281.6	10938.3	9657.3	8418.7	7230.0	6061.1	4919.1	3944.9
5°	17086.2	15530.9	14015.0	12560.0	11162.6	9865.4	8588.9	7381.9	6213.2	5036.1	4021.9
2.5°	17358.4	15760.9	14209.5	12729.1	11293.1	9990.4	8687.7	7473.6	6300.1	5100.4	4070.2
0°	17408.9	15868.5	14270.7	12747.1	11368.0	10027.9	8713.7	7507.0	6322.6	5114.0	4085.3
-2.5°	17358.4	15760.9	14209.5	12729.1	11293.1	9990.4	8687.7	7473.6	6300.1	5100.4	4070.2
-5°	17086.2	15530.9	14015.0	12560.0	11162.6	9865.4	8588.9	7381.9	6213.2	5036.1	4021.9
-7.5°	16647.1	15150.6	13687.9	12281.6	10938.3	9657.3	8418.7	7230.0	6061.1	4919.1	3944.9
-10°	16046.2	14633.6	13246.4	11906.1	10614.4	9371.3	8177.4	7008.0	5851.1	4754.7	3834.8
-12.5°	15307.3	13990.6	12701.7	11430.7	10201.5	9012.1	7865.0	6718.7	5585.9	4544.2	3692.1
-15°	14442.1	13235.6	12052.5	10881.5	9724.6	8589.7	7486.4	6376.6	5276.4	4291.3	3517.7
-17.5°	13525.1	12419.4	11330.1	10239.6	9167.4	8110.8	7053.4	5987.1	4947.9	4031.6	3322.0
-20°	12562.3	11567.0	10563.6	9557.6	8555.2	7558.6	6564.5	5543.3	4586.7	3782.7	3143.5



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11562.8	10676.5	9759.9	8831.8	7902.0	6970.1	6019.0	5062.5	4182.2	3503.1	2941.4
-25°	10551.1	9761.8	8939.6	8075.6	7210.9	6338.8	5430.2	4572.1	3838.1	3233.0	2724.9
-27.5°	9542.5	8836.7	8070.9	7277.1	6484.1	5663.7	4841.2	4071.6	3474.9	2967.5	2539.8
-30°	8535.0	7883.7	7184.0	6462.6	5726.8	4974.5	4232.2	3661.9	3151.1	2702.1	2339.1
-32.5°	7530.8	6937.4	6298.6	5638.0	4967.4	4297.0	3753.1	3264.8	2829.8	2471.7	2156.1
-35°	6526.2	5985.6	5405.4	4826.3	4229.4	3750.5	3297.3	2903.2	2555.4	2241.0	1974.3
-37.5°	5519.3	5040.7	4556.2	4062.0	3653.1	3257.8	2901.1	2581.2	2283.1	2039.3	1808.0
-40°	4567.1	4158.3	3818.9	3457.7	3143.8	2829.1	2552.1	2280.3	2061.2	1846.8	1646.3
-42.5°	3760.6	3479.9	3215.7	2964.1	2704.7	2469.7	2237.9	2041.9	1849.1	1668.1	1503.7
-45°	3133.5	2940.9	2732.8	2543.1	2337.2	2158.5	1984.5	1819.1	1654.8	1508.6	1362.8
-47.5°	2642.9	2498.4	2336.4	2187.0	2040.5	1892.6	1756.1	1612.3	1487.2	1357.7	1243.5
-50°	2239.5	2130.3	2011.8	1891.4	1780.9	1661.5	1550.6	1441.8	1332.8	1230.0	1127.3
-52.5°	1902.8	1825.7	1739.6	1644.2	1555.0	1464.5	1370.1	1287.4	1197.4	1108.6	1020.3
-55°	1638.3	1576.6	1509.4	1435.8	1359.9	1291.6	1219.0	1146.1	1072.4	992.5	921.6
-57.5°	1415.5	1364.2	1311.7	1255.4	1195.6	1138.2	1078.8	1015.2	954.5	891.1	826.9
-60°	1221.3	1179.8	1139.7	1096.1	1049.0	998.4	949.6	898.5	845.0	792.6	738.9
-62.5°	1045.3	1022.2	985.2	947.1	910.3	872.9	828.5	783.6	740.4	696.9	651.9
-65°	873.1	849.4	822.7	799.5	771.9	739.2	702.5	670.5	638.9	604.1	565.6
-67.5°	723.6	705.9	685.9	664.4	644.0	620.1	595.7	569.3	542.0	511.2	481.8
-70°	603.5	592.3	578.1	560.0	541.2	521.1	500.5	477.3	450.4	421.0	397.7
-72.5°	505.2	498.3	487.7	471.8	453.7	434.7	414.7	392.2	366.2	336.8	314.7
-75°	417.2	412.5	404.5	389.5	373.2	355.6	336.7	313.7	287.2	257.2	235.3
-77.5°	328.1	325.9	321.4	309.2	296.7	284.2	268.4	241.7	215.1	189.4	172.8
-80°	236.0	236.0	233.8	224.6	215.0	205.0	193.0	172.4	152.4	133.9	120.9
-82.5°	149.3	146.7	143.3	138.4	133.4	128.4	122.6	109.6	97.0	85.0	75.1
-85°	66.6	64.7	62.7	62.7	62.4	61.6	60.3	54.1	48.1	42.5	37.6
-87.5°	11.3	11.6	11.8	12.4	12.9	13.3	13.7	13.2	12.8	12.3	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



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.2	14.3	15.2	16.0	16.4	16.7	16.7	16.4	15.8	14.9	13.8
85°	39.3	40.1	39.9	38.7	36.2	33.4	33.4	32.9	31.6	29.8	27.6
82.5°	78.0	80.5	81.8	81.2	76.2	70.9	65.2	59.3	52.9	45.6	41.4
80°	125.4	128.2	129.1	126.9	118.0	108.3	100.0	91.4	83.0	73.4	62.8
77.5°	176.5	178.6	179.1	175.8	164.4	152.0	138.8	124.9	113.1	101.2	88.0
75°	231.4	232.1	231.6	225.6	211.7	195.7	179.7	162.4	145.1	129.0	113.1
72.5°	302.7	293.0	285.7	276.1	260.7	242.8	222.3	199.3	177.5	156.9	137.8
70°	377.3	356.8	340.8	326.1	309.0	290.1	267.5	238.6	209.3	184.3	161.1
67.5°	455.2	429.7	404.0	377.2	356.3	335.0	312.0	277.3	242.2	211.2	183.9
65°	531.1	499.6	470.5	435.7	405.2	379.2	353.2	314.0	273.8	237.7	206.2
62.5°	607.5	565.3	528.8	491.1	454.3	422.1	392.8	348.1	304.2	263.2	227.3
60°	686.0	636.5	587.0	543.4	501.8	462.7	426.2	381.1	333.6	287.4	247.4
57.5°	767.3	707.8	651.2	597.0	548.5	503.5	458.3	411.6	362.0	312.0	265.4
55°	849.4	782.3	715.7	653.5	596.2	544.9	491.7	440.7	389.2	336.0	279.7
52.5°	937.5	858.8	783.7	711.1	645.5	585.2	527.3	469.2	415.1	359.1	295.4
50°	1030.8	939.9	854.2	772.9	694.4	627.3	562.1	500.5	440.4	381.3	310.1
47.5°	1128.9	1025.9	928.3	835.3	749.9	668.0	598.4	531.2	465.0	403.2	323.5
45°	1236.9	1114.4	1004.5	902.3	803.2	714.2	634.3	560.9	491.6	419.0	335.5
42.5°	1345.4	1209.8	1083.5	967.3	861.3	760.9	668.6	591.6	517.2	433.3	347.3
40°	1470.5	1307.4	1163.0	1037.0	918.6	805.5	708.2	621.3	541.1	447.6	358.8
37.5°	1592.5	1412.5	1249.8	1103.6	975.1	855.9	746.5	649.5	560.0	463.2	369.1
35°	1736.2	1520.9	1332.5	1174.1	1033.3	903.8	782.5	678.3	580.6	478.2	378.3
32.5°	1875.8	1631.3	1425.5	1246.2	1088.3	949.1	820.7	707.8	601.6	492.5	386.4
30°	2029.3	1751.4	1513.2	1313.8	1142.9	995.8	859.1	735.7	622.8	506.0	394.3
27.5°	2176.7	1862.1	1598.5	1385.3	1200.6	1039.5	894.7	761.7	644.1	520.0	404.0
25°	2322.7	1981.7	1692.5	1453.5	1253.6	1079.2	927.4	786.1	665.0	535.7	412.8
22.5°	2481.2	2097.3	1777.3	1514.8	1301.4	1115.4	958.6	812.7	684.2	550.7	420.5
20°	2627.0	2201.8	1853.0	1573.4	1349.0	1154.6	987.8	836.5	701.4	564.8	427.0
17.5°	2764.4	2308.0	1937.4	1636.8	1394.0	1189.1	1013.5	857.4	716.6	577.8	432.2
15°	2908.7	2413.5	2013.3	1691.7	1432.9	1218.8	1035.6	875.4	729.7	589.5	437.2
12.5°	3031.9	2502.7	2077.2	1737.8	1465.7	1243.7	1054.0	890.4	740.6	599.4	441.7
10°	3133.4	2575.2	2128.6	1775.1	1492.0	1263.7	1068.7	902.5	749.7	607.1	444.2
7.5°	3212.4	2630.5	2167.6	1803.4	1512.2	1279.3	1080.9	912.0	756.7	612.5	444.7
5°	3267.7	2669.1	2196.2	1823.2	1527.5	1290.5	1089.6	918.2	761.5	615.4	443.4
2.5°	3296.7	2691.0	2213.7	1833.7	1536.3	1296.6	1094.5	921.3	763.9	615.8	440.3
0°	3301.2	2695.1	2218.7	1835.0	1538.5	1297.5	1095.5	921.2	763.7	613.5	435.6
-2.5°	3296.7	2691.0	2213.7	1833.7	1536.3	1296.6	1094.5	921.3	763.9	615.8	440.3
-5°	3267.7	2669.1	2196.2	1823.2	1527.5	1290.5	1089.6	918.2	761.5	615.4	443.4
-7.5°	3212.4	2630.5	2167.6	1803.4	1512.2	1279.3	1080.9	912.0	756.7	612.5	444.7
-10°	3133.4	2575.2	2128.6	1775.1	1492.0	1263.7	1068.7	902.5	749.7	607.1	444.2
-12.5°	3031.9	2502.7	2077.2	1737.8	1465.7	1243.7	1054.0	890.4	740.6	599.4	441.7
-15°	2908.7	2413.5	2013.3	1691.7	1432.9	1218.8	1035.6	875.4	729.7	589.5	437.2
-17.5°	2764.4	2308.0	1937.4	1636.8	1394.0	1189.1	1013.5	857.4	716.6	577.8	432.2
-20°	2627.0	2201.8	1853.0	1573.4	1349.0	1154.6	987.8	836.5	701.4	564.8	427.0

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

Scaled Data Report



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2481.2	2097.3	1777.3	1514.8	1301.4	1115.4	958.6	812.7	684.2	550.7	420.5
-25°	2322.7	1981.7	1692.5	1453.5	1253.6	1079.2	927.4	786.1	665.0	535.7	412.8
-27.5°	2176.7	1862.1	1598.5	1385.3	1200.6	1039.5	894.7	761.7	644.1	520.0	404.0
-30°	2029.3	1751.4	1513.2	1313.8	1142.9	995.8	859.1	735.7	622.8	506.0	394.3
-32.5°	1875.8	1631.3	1425.5	1246.2	1088.3	949.1	820.7	707.8	601.6	492.5	386.4
-35°	1736.2	1520.9	1332.5	1174.1	1033.3	903.8	782.5	678.3	580.6	478.2	378.3
-37.5°	1592.5	1412.5	1249.8	1103.6	975.1	855.9	746.5	649.5	560.0	463.2	369.1
-40°	1470.5	1307.4	1163.0	1037.0	918.6	805.5	708.2	621.3	541.1	447.6	358.8
-42.5°	1345.4	1209.8	1083.5	967.3	861.3	760.9	668.6	591.6	517.2	433.3	347.3
-45°	1236.9	1114.4	1004.5	902.3	803.2	714.2	634.3	560.9	491.6	419.0	335.5
-47.5°	1128.9	1025.9	928.3	835.3	749.9	668.0	598.4	531.2	465.0	403.2	323.5
-50°	1030.8	939.9	854.2	772.9	694.4	627.3	562.1	500.5	440.4	381.3	310.1
-52.5°	937.5	858.8	783.7	711.1	645.5	585.2	527.3	469.2	415.1	359.1	295.4
-55°	849.4	782.3	715.7	653.5	596.2	544.9	491.7	440.7	389.2	336.0	279.7
-57.5°	767.3	707.8	651.2	597.0	548.5	503.5	458.3	411.6	362.0	312.0	265.4
-60°	686.0	636.5	587.0	543.4	501.8	462.7	426.2	381.1	333.6	287.4	247.4
-62.5°	607.5	565.3	528.8	491.1	454.3	422.1	392.8	348.1	304.2	263.2	227.3
-65°	531.1	499.6	470.5	435.7	405.2	379.2	353.2	314.0	273.8	237.7	206.2
-67.5°	455.2	429.7	404.0	377.2	356.3	335.0	312.0	277.3	242.2	211.2	183.9
-70°	377.3	356.8	340.8	326.1	309.0	290.1	267.5	238.6	209.3	184.3	161.1
-72.5°	302.7	293.0	285.7	276.1	260.7	242.8	222.3	199.3	177.5	156.9	137.8
-75°	231.4	232.1	231.6	225.6	211.7	195.7	179.7	162.4	145.1	129.0	113.1
-77.5°	176.5	178.6	179.1	175.8	164.4	152.0	138.8	124.9	113.1	101.2	88.0
-80°	125.4	128.2	129.1	126.9	118.0	108.3	100.0	91.4	83.0	73.4	62.8
-82.5°	78.0	80.5	81.8	81.2	76.2	70.9	65.2	59.3	52.9	45.6	41.4
-85°	39.3	40.1	39.9	38.7	36.2	33.4	33.4	32.9	31.6	29.8	27.6
-87.5°	13.2	14.3	15.2	16.0	16.4	16.7	16.7	16.4	15.8	14.9	13.8
-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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Scaled Data Report



REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.5	9.7	7.2	5.0	3.1	1.3	0.0
85°	24.9	19.4	14.4	10.0	6.1	2.7	0.0
82.5°	37.2	29.0	21.6	15.0	9.2	4.0	0.0
80°	50.5	38.5	28.7	19.9	12.2	5.3	0.0
77.5°	72.1	50.1	35.7	24.8	15.1	6.6	0.0
75°	93.1	65.5	43.2	29.5	18.0	7.9	0.0
72.5°	113.4	80.4	53.5	34.2	20.9	9.1	0.0
70°	132.7	94.8	63.5	39.1	23.7	10.4	0.0
67.5°	149.4	108.5	73.0	45.2	26.4	11.6	0.0
65°	165.4	121.1	82.1	51.0	29.0	12.7	0.0
62.5°	180.4	132.6	90.6	56.5	31.5	13.9	0.0
60°	194.5	143.4	98.6	61.7	33.9	15.0	0.0
57.5°	207.2	153.5	106.0	66.5	36.9	16.1	0.0
55°	218.9	162.7	112.9	71.0	39.7	17.1	0.0
52.5°	229.6	171.2	119.2	75.1	42.5	18.0	0.0
50°	239.4	179.0	125.0	78.8	45.1	19.0	0.0
47.5°	248.4	186.0	130.1	82.2	47.6	19.9	0.0
45°	258.6	192.3	134.7	85.5	49.9	20.7	0.0
42.5°	267.7	197.7	138.6	88.5	52.1	21.5	0.0
40°	275.6	202.3	142.1	91.7	54.2	22.2	0.0
37.5°	282.4	206.0	145.2	95.0	56.2	22.8	0.0
35°	288.1	210.2	147.8	98.0	58.0	23.5	0.0
32.5°	293.2	214.2	149.7	100.8	59.6	24.0	0.0
30°	299.0	217.3	151.1	103.3	61.1	24.5	0.0
27.5°	303.7	219.5	154.3	105.5	62.5	24.9	0.0
25°	307.4	220.8	157.4	107.4	63.6	25.3	0.0
22.5°	310.0	222.6	160.2	109.0	64.7	25.6	0.0
20°	311.5	226.6	162.5	110.4	65.5	25.9	0.0
17.5°	315.0	229.9	164.5	111.5	66.2	26.1	0.0
15°	319.2	232.5	166.1	112.3	66.8	26.3	0.0
12.5°	322.2	234.4	167.2	112.8	67.2	26.4	0.0
10°	324.1	235.6	168.0	113.0	67.4	26.4	0.0
7.5°	324.9	236.1	168.3	112.9	67.5	26.4	0.0
5°	324.6	236.0	168.2	112.6	67.4	26.3	0.0
2.5°	323.2	235.1	167.7	112.0	67.1	26.2	0.0
0°	320.7	233.6	166.8	111.2	66.7	26.0	0.0
-2.5°	323.2	235.1	167.7	112.0	67.1	26.2	0.0
-5°	324.6	236.0	168.2	112.6	67.4	26.3	0.0
-7.5°	324.9	236.1	168.3	112.9	67.5	26.4	0.0
-10°	324.1	235.6	168.0	113.0	67.4	26.4	0.0
-12.5°	322.2	234.4	167.2	112.8	67.2	26.4	0.0
-15°	319.2	232.5	166.1	112.3	66.8	26.3	0.0
-17.5°	315.0	229.9	164.5	111.5	66.2	26.1	0.0
-20°	311.5	226.6	162.5	110.4	65.5	25.9	0.0

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REPORT NUMBER: P627813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	310.0	222.6	160.2	109.0	64.7	25.6	0.0
-25°	307.4	220.8	157.4	107.4	63.6	25.3	0.0
-27.5°	303.7	219.5	154.3	105.5	62.5	24.9	0.0
-30°	299.0	217.3	151.1	103.3	61.1	24.5	0.0
-32.5°	293.2	214.2	149.7	100.8	59.6	24.0	0.0
-35°	288.1	210.2	147.8	98.0	58.0	23.5	0.0
-37.5°	282.4	206.0	145.2	95.0	56.2	22.8	0.0
-40°	275.6	202.3	142.1	91.7	54.2	22.2	0.0
-42.5°	267.7	197.7	138.6	88.5	52.1	21.5	0.0
-45°	258.6	192.3	134.7	85.5	49.9	20.7	0.0
-47.5°	248.4	186.0	130.1	82.2	47.6	19.9	0.0
-50°	239.4	179.0	125.0	78.8	45.1	19.0	0.0
-52.5°	229.6	171.2	119.2	75.1	42.5	18.0	0.0
-55°	218.9	162.7	112.9	71.0	39.7	17.1	0.0
-57.5°	207.2	153.5	106.0	66.5	36.9	16.1	0.0
-60°	194.5	143.4	98.6	61.7	33.9	15.0	0.0
-62.5°	180.4	132.6	90.6	56.5	31.5	13.9	0.0
-65°	165.4	121.1	82.1	51.0	29.0	12.7	0.0
-67.5°	149.4	108.5	73.0	45.2	26.4	11.6	0.0
-70°	132.7	94.8	63.5	39.1	23.7	10.4	0.0
-72.5°	113.4	80.4	53.5	34.2	20.9	9.1	0.0
-75°	93.1	65.5	43.2	29.5	18.0	7.9	0.0
-77.5°	72.1	50.1	35.7	24.8	15.1	6.6	0.0
-80°	50.5	38.5	28.7	19.9	12.2	5.3	0.0
-82.5°	37.2	29.0	21.6	15.0	9.2	4.0	0.0
-85°	24.9	19.4	14.4	10.0	6.1	2.7	0.0
-87.5°	12.5	9.7	7.2	5.0	3.1	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)