

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: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628013 (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-SA6E-740-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N151
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

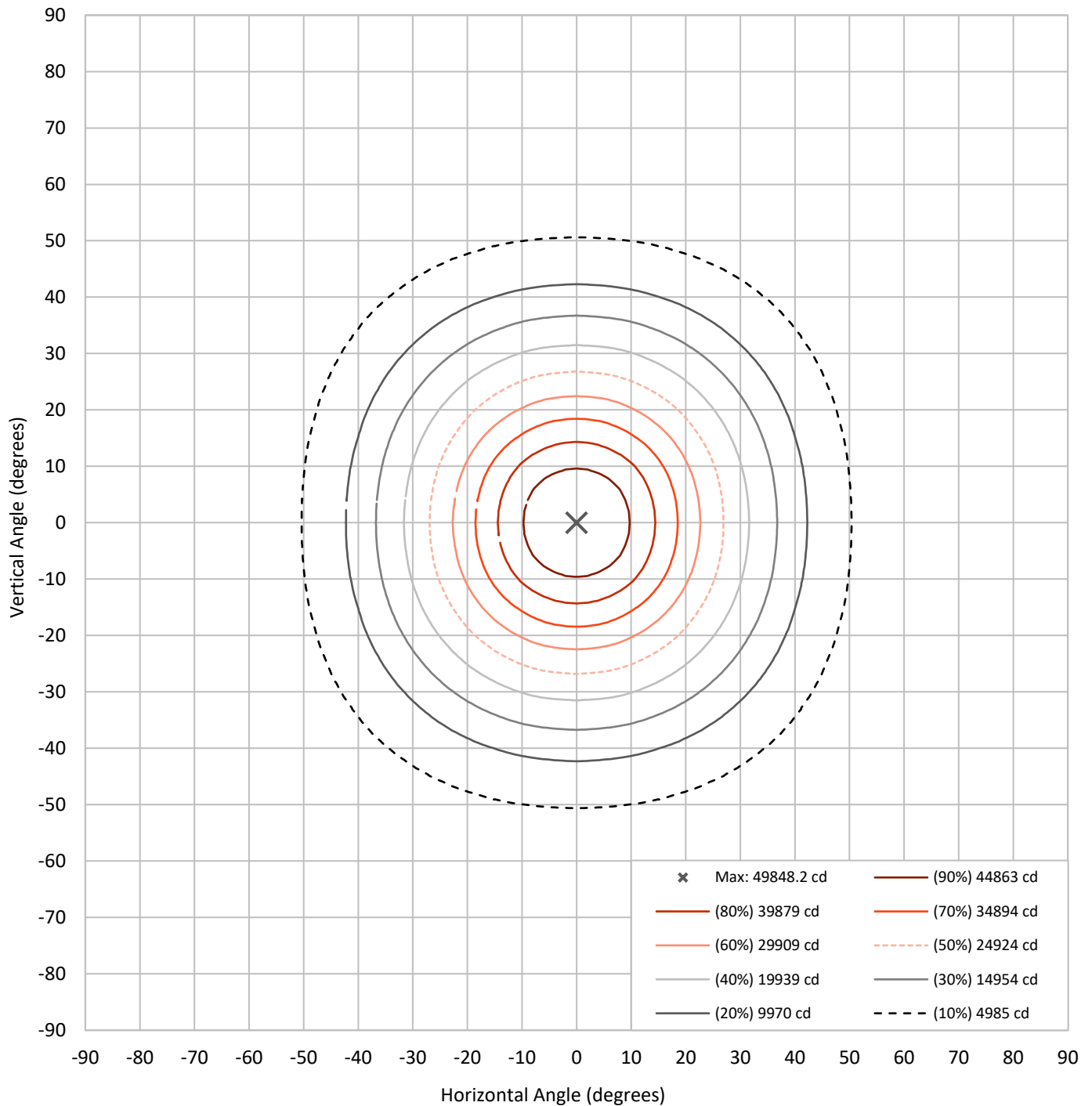
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	50733.8 lumens	Max Intensity:	49848.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.7 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:	24257.8 lumens	Field Lumens:	44774.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





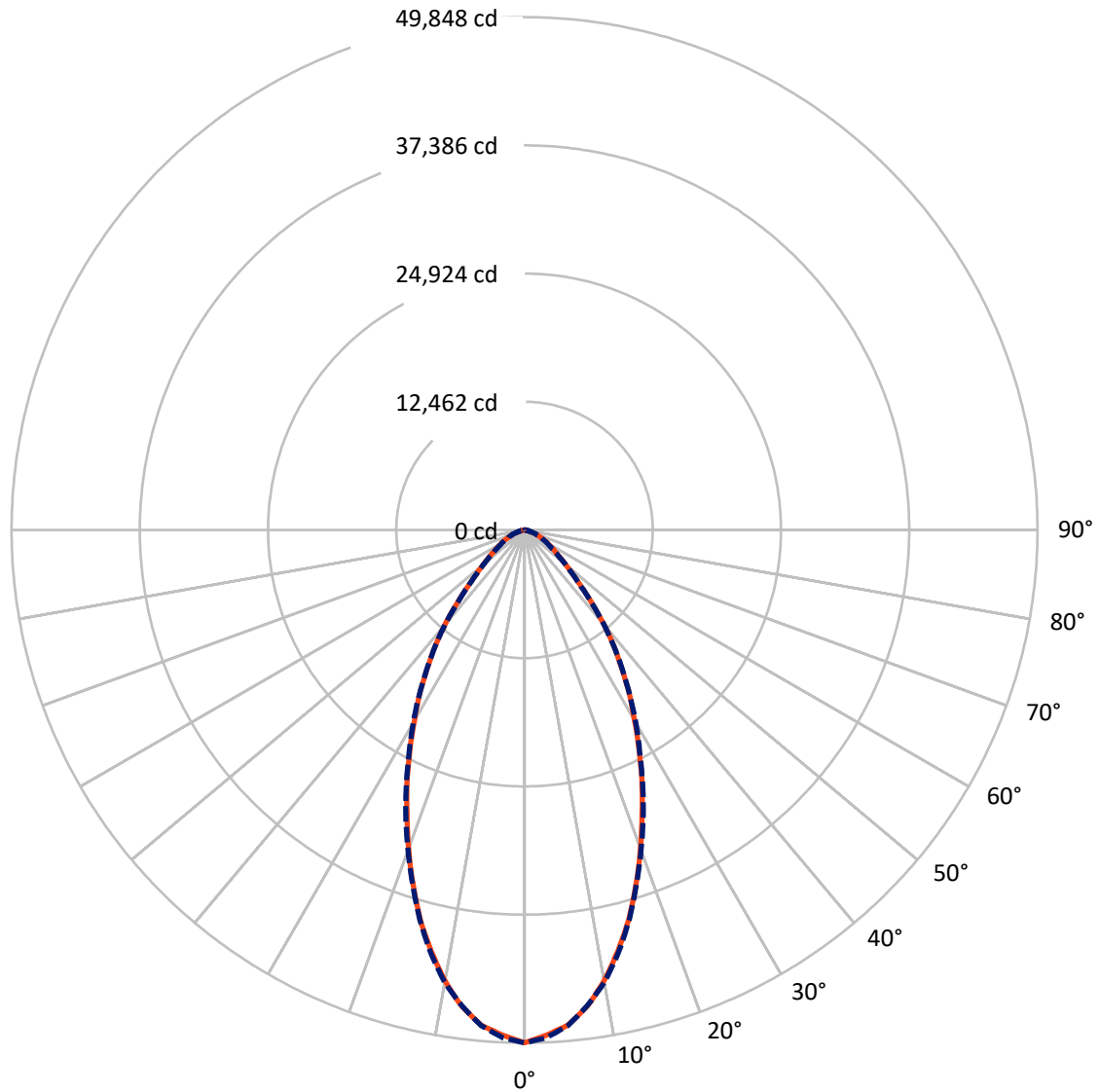
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Lumen Table

90																			
80	2.0	14.0	31.9	53.1	45.5	53.1	31.9	14.0	2.0										
70																			
60	6.6	7.7	14.5	23.3	33.8	43.9	51.5	55.2	55.2	51.5	43.9	33.8	23.3	14.5	7.7	6.6			
50		10.9	22.0	38.1	58.4	80.3	100.2	111.7	111.7	100.2	80.3	58.4	38.1	22.0	10.9				
40	9.7	14.0	30.4	56.8	95.8	147.3	203.0	240.2	240.2	203.0	147.3	95.8	56.8	30.4	14.0	9.7			
30		17.0	39.8	82.6	160.8	285.5	414.8	492.1	492.1	414.8	285.5	160.8	82.6	39.8	17.0				
20	11.5	19.8	49.6	115.6	259.9	467.3	668.6	799.2	799.2	668.6	467.3	259.9	115.6	49.6	19.8	11.5			
10		22.0	58.2	150.0	354.8	630.9	931.6	1146.0	1146.0	931.6	630.9	354.8	150.0	58.2	22.0				
0	12.1	23.2	63.1	172.2	408.5	733.6	1116.3	1403.8	1403.8	1116.3	733.6	408.5	172.2	63.1	23.2	12.1			
-10		23.2	63.1	172.2	408.5	733.6	1116.3	1403.8	1403.8	1116.3	733.6	408.5	172.2	63.1	23.2				
-20	11.5	22.0	58.2	150.0	354.8	630.9	931.6	1146.0	1146.0	931.6	630.9	354.8	150.0	58.2	22.0	11.5			
-30		19.8	49.6	115.6	259.9	467.3	668.6	799.2	799.2	668.6	467.3	259.9	115.6	49.6	19.8				
-40	9.7	17.0	39.8	82.6	160.8	285.5	414.8	492.1	492.1	414.8	285.5	160.8	82.6	39.8	17.0	9.7			
-50		14.0	30.4	56.8	95.8	147.3	203.0	240.2	240.2	203.0	147.3	95.8	56.8	30.4	14.0				
-60	6.6	10.9	22.0	38.1	58.4	80.3	100.2	111.7	111.7	100.2	80.3	58.4	38.1	22.0	10.9	6.6			
-70		7.7	14.5	23.3	33.8	43.9	51.5	55.2	55.2	51.5	43.9	33.8	23.3	14.5	7.7				
-80	2.0	14.0	31.9	53.1	45.5	53.1	31.9	14.0	2.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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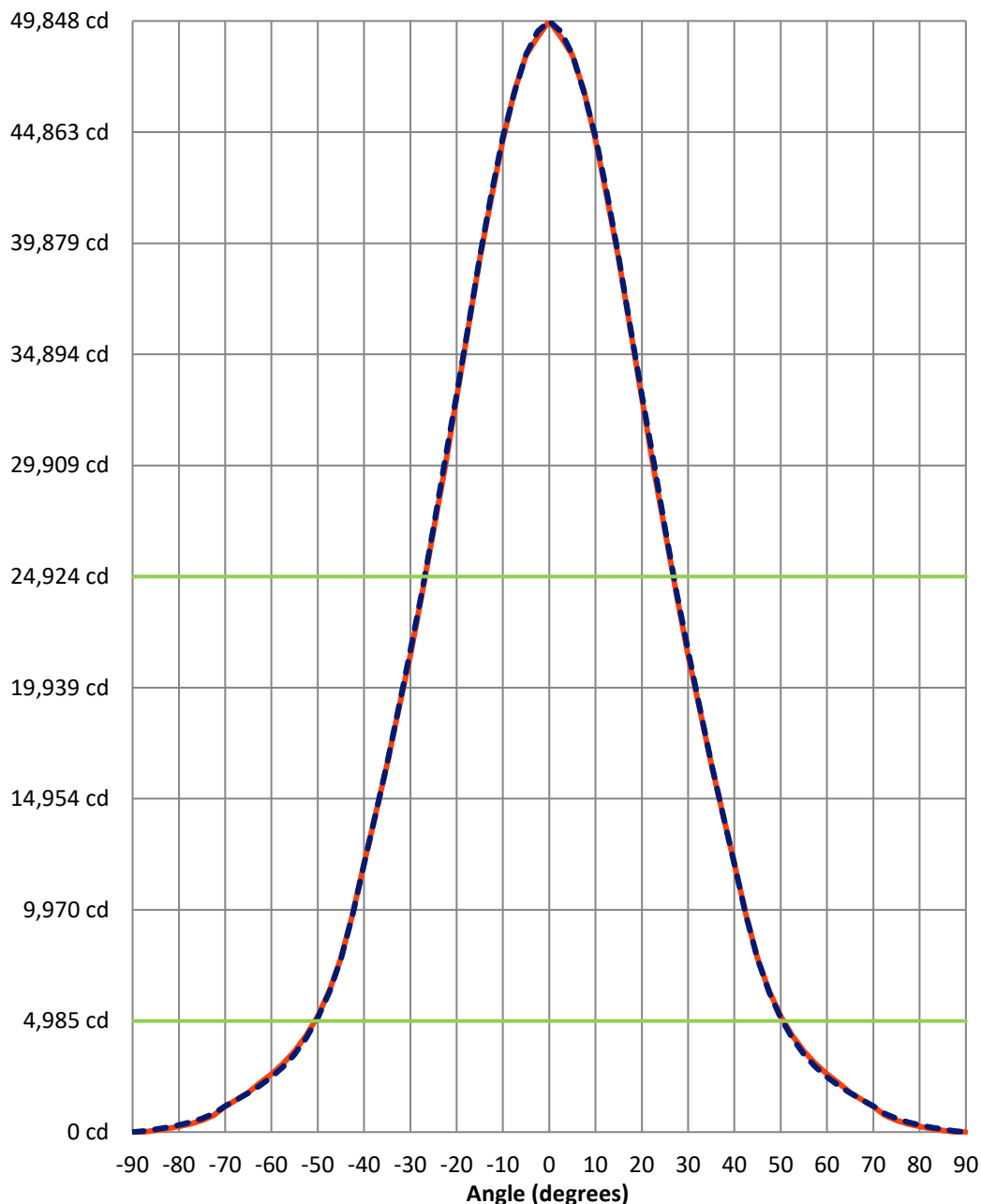
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 24257.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 44774.4
 Efficiency: 88.3%

Spill:
 Lumens: 5959.4
 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	2.5	5.8	9.5	13.8	18.5	23.7	26.2	28.3	30.0	31.3
85°	0.0	5.1	11.6	19.0	27.5	36.9	47.3	52.4	56.7	60.0	62.6
82.5°	0.0	7.6	17.4	28.5	41.1	55.2	70.7	78.7	86.7	100.5	112.7
80°	0.0	10.1	23.1	37.8	54.5	73.2	96.0	119.4	139.6	157.7	173.8
77.5°	0.0	12.5	28.7	47.0	67.8	95.2	137.1	167.3	192.4	215.0	237.4
75°	0.0	15.0	34.3	56.1	82.1	124.5	177.0	215.0	245.2	275.9	308.8
72.5°	0.0	17.3	39.7	65.0	101.7	152.9	215.6	261.9	298.3	337.4	379.0
70°	0.0	19.7	45.0	74.3	120.6	180.2	252.2	306.2	350.4	397.8	453.5
67.5°	0.0	22.0	50.1	85.8	138.7	206.2	284.0	349.5	401.5	460.3	527.1
65°	0.0	24.2	55.1	96.9	156.0	230.1	314.3	391.9	451.9	520.5	596.7
62.5°	0.0	26.4	59.9	107.4	172.2	252.0	342.9	432.1	500.2	578.2	661.5
60°	0.0	28.5	64.5	117.2	187.4	272.6	369.6	470.1	546.3	634.0	724.4
57.5°	0.0	30.5	70.1	126.4	201.5	291.7	393.8	504.4	593.0	688.0	782.3
55°	0.0	32.4	75.5	134.9	214.6	309.3	416.0	531.7	638.6	739.7	837.6
52.5°	0.0	34.3	80.7	142.7	226.6	325.5	436.5	561.5	682.4	789.0	891.8
50°	0.0	36.0	85.6	149.7	237.6	340.3	455.0	589.4	724.6	837.0	951.3
47.5°	0.0	37.7	90.4	156.2	247.4	353.7	472.2	614.8	766.4	883.8	1009.6
45°	0.0	39.3	94.8	162.5	256.0	365.5	491.5	637.7	796.3	934.4	1066.0
42.5°	0.0	40.7	99.1	168.1	263.4	375.8	508.7	660.1	823.7	983.1	1124.5
40°	0.0	42.1	103.0	174.3	270.1	384.4	523.8	681.9	850.8	1028.5	1180.9
37.5°	0.0	43.4	106.7	180.6	276.1	391.5	536.8	701.6	880.5	1064.3	1234.5
35°	0.0	44.5	110.1	186.4	280.9	399.5	547.5	719.1	909.0	1103.6	1289.4
32.5°	0.0	45.6	113.3	191.6	284.6	407.1	557.4	734.5	936.1	1143.5	1345.5
30°	0.0	46.5	116.1	196.4	287.2	413.0	568.3	749.4	961.7	1183.9	1398.4
27.5°	0.0	47.3	118.7	200.5	293.3	417.2	577.3	768.0	988.4	1224.3	1447.8
25°	0.0	48.1	120.9	204.2	299.3	419.7	584.3	784.7	1018.3	1264.0	1494.1
22.5°	0.0	48.7	122.9	207.3	304.5	423.0	589.2	799.3	1046.8	1300.4	1544.7
20°	0.0	49.2	124.5	209.9	308.9	430.7	592.1	811.6	1073.6	1333.1	1590.0
17.5°	0.0	49.5	125.9	211.9	312.7	437.0	598.7	821.6	1098.3	1362.0	1629.8
15°	0.0	49.8	126.9	213.4	315.7	442.0	606.7	831.1	1120.5	1386.9	1664.0
12.5°	0.0	50.0	127.7	214.4	317.9	445.6	612.5	839.5	1139.3	1407.6	1692.4
10°	0.0	50.1	128.1	214.8	319.3	447.9	616.1	844.2	1153.9	1424.9	1715.5
7.5°	0.0	50.0	128.2	214.7	320.0	448.8	617.5	845.3	1164.2	1438.3	1733.5
5°	0.0	49.9	128.1	214.1	319.8	448.4	616.9	842.8	1169.8	1447.4	1745.4
2.5°	0.0	49.6	127.6	213.0	318.9	446.8	614.2	836.9	1170.5	1451.9	1751.2
0°	0.0	49.3	126.8	211.4	317.1	443.9	609.5	827.9	1166.1	1451.5	1751.0
-2.5°	0.0	49.6	127.6	213.0	318.9	446.8	614.2	836.9	1170.5	1451.9	1751.2
-5°	0.0	49.9	128.1	214.1	319.8	448.4	616.9	842.8	1169.8	1447.4	1745.4
-7.5°	0.0	50.0	128.2	214.7	320.0	448.8	617.5	845.3	1164.2	1438.3	1733.5
-10°	0.0	50.1	128.1	214.8	319.3	447.9	616.1	844.2	1153.9	1424.9	1715.5
-12.5°	0.0	50.0	127.7	214.4	317.9	445.6	612.5	839.5	1139.3	1407.6	1692.4
-15°	0.0	49.8	126.9	213.4	315.7	442.0	606.7	831.1	1120.5	1386.9	1664.0
-17.5°	0.0	49.5	125.9	211.9	312.7	437.0	598.7	821.6	1098.3	1362.0	1629.8
-20°	0.0	49.2	124.5	209.9	308.9	430.7	592.1	811.6	1073.6	1333.1	1590.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	48.7	122.9	207.3	304.5	423.0	589.2	799.3	1046.8	1300.4	1544.7
-25°	0.0	48.1	120.9	204.2	299.3	419.7	584.3	784.7	1018.3	1264.0	1494.1
-27.5°	0.0	47.3	118.7	200.5	293.3	417.2	577.3	768.0	988.4	1224.3	1447.8
-30°	0.0	46.5	116.1	196.4	287.2	413.0	568.3	749.4	961.7	1183.9	1398.4
-32.5°	0.0	45.6	113.3	191.6	284.6	407.1	557.4	734.5	936.1	1143.5	1345.5
-35°	0.0	44.5	110.1	186.4	280.9	399.5	547.5	719.1	909.0	1103.6	1289.4
-37.5°	0.0	43.4	106.7	180.6	276.1	391.5	536.8	701.6	880.5	1064.3	1234.5
-40°	0.0	42.1	103.0	174.3	270.1	384.4	523.8	681.9	850.8	1028.5	1180.9
-42.5°	0.0	40.7	99.1	168.1	263.4	375.8	508.7	660.1	823.7	983.1	1124.5
-45°	0.0	39.3	94.8	162.5	256.0	365.5	491.5	637.7	796.3	934.4	1066.0
-47.5°	0.0	37.7	90.4	156.2	247.4	353.7	472.2	614.8	766.4	883.8	1009.6
-50°	0.0	36.0	85.6	149.7	237.6	340.3	455.0	589.4	724.6	837.0	951.3
-52.5°	0.0	34.3	80.7	142.7	226.6	325.5	436.5	561.5	682.4	789.0	891.8
-55°	0.0	32.4	75.5	134.9	214.6	309.3	416.0	531.7	638.6	739.7	837.6
-57.5°	0.0	30.5	70.1	126.4	201.5	291.7	393.8	504.4	593.0	688.0	782.3
-60°	0.0	28.5	64.5	117.2	187.4	272.6	369.6	470.1	546.3	634.0	724.4
-62.5°	0.0	26.4	59.9	107.4	172.2	252.0	342.9	432.1	500.2	578.2	661.5
-65°	0.0	24.2	55.1	96.9	156.0	230.1	314.3	391.9	451.9	520.5	596.7
-67.5°	0.0	22.0	50.1	85.8	138.7	206.2	284.0	349.5	401.5	460.3	527.1
-70°	0.0	19.7	45.0	74.3	120.6	180.2	252.2	306.2	350.4	397.8	453.5
-72.5°	0.0	17.3	39.7	65.0	101.7	152.9	215.6	261.9	298.3	337.4	379.0
-75°	0.0	15.0	34.3	56.1	82.1	124.5	177.0	215.0	245.2	275.9	308.8
-77.5°	0.0	12.5	28.7	47.0	67.8	95.2	137.1	167.3	192.4	215.0	237.4
-80°	0.0	10.1	23.1	37.8	54.5	73.2	96.0	119.4	139.6	157.7	173.8
-82.5°	0.0	7.6	17.4	28.5	41.1	55.2	70.7	78.7	86.7	100.5	112.7
-85°	0.0	5.1	11.6	19.0	27.5	36.9	47.3	52.4	56.7	60.0	62.6
-87.5°	0.0	2.5	5.8	9.5	13.8	18.5	23.7	26.2	28.3	30.0	31.3
-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°	31.7	31.7	31.2	30.3	29.0	27.2	25.0	22.5	23.4	24.3	25.1
85°	63.6	63.5	68.8	73.6	75.9	76.2	74.7	71.4	80.7	91.4	102.7
82.5°	124.0	134.8	145.0	154.5	155.5	153.0	148.3	142.7	161.6	184.4	208.3
80°	190.1	205.9	224.3	241.3	245.3	243.6	238.3	229.6	254.5	289.6	327.6
77.5°	263.8	289.0	312.5	334.1	340.3	339.4	335.4	328.5	360.0	408.7	459.3
75°	341.6	372.1	402.4	428.9	440.2	441.1	439.8	447.3	488.9	545.9	596.1
72.5°	422.7	461.5	495.5	524.8	543.1	557.0	575.5	598.1	640.1	696.0	745.3
70°	508.4	551.4	587.4	619.8	647.8	678.2	717.3	755.9	800.1	856.0	907.2
67.5°	592.9	636.6	677.2	717.1	768.0	816.8	865.3	915.8	971.6	1030.3	1082.1
65°	671.3	720.7	770.2	828.1	894.3	949.6	1009.4	1075.2	1148.3	1214.3	1274.4
62.5°	746.5	802.2	863.5	933.5	1005.2	1074.4	1154.7	1239.1	1324.6	1407.4	1489.5
60°	810.1	879.4	953.8	1032.8	1115.6	1209.8	1303.9	1404.4	1506.4	1606.1	1707.7
57.5°	871.1	956.9	1042.6	1134.6	1237.8	1345.5	1458.5	1571.6	1693.6	1814.3	1929.6
55°	934.5	1035.6	1133.1	1242.2	1360.3	1486.8	1614.5	1751.7	1886.4	2038.3	2178.5
52.5°	1002.3	1112.2	1226.8	1351.6	1489.6	1632.3	1781.9	1939.2	2107.1	2275.9	2447.1
50°	1068.3	1192.3	1319.8	1469.1	1623.5	1786.4	1959.3	2142.6	2337.9	2533.3	2740.5
47.5°	1137.4	1269.7	1425.4	1587.6	1764.4	1950.0	2145.7	2363.6	2580.7	2826.7	3064.4
45°	1205.6	1357.6	1526.7	1715.1	1909.2	2118.2	2350.9	2590.2	2867.3	3145.3	3457.5
42.5°	1270.9	1446.3	1637.1	1838.5	2059.5	2299.6	2557.1	2858.1	3170.5	3514.5	3881.0
40°	1346.1	1531.1	1746.0	1971.1	2210.6	2485.0	2794.9	3129.0	3510.2	3917.7	4334.2
37.5°	1418.9	1626.8	1853.4	2097.6	2375.5	2684.6	3026.8	3436.3	3876.1	4339.5	4906.0
35°	1487.3	1717.8	1964.1	2231.6	2532.6	2890.7	3300.0	3752.6	4259.4	4856.9	5517.9
32.5°	1559.9	1804.0	2068.5	2368.7	2709.3	3100.6	3565.5	4098.2	4697.9	5378.4	6205.4
30°	1633.0	1892.7	2172.2	2497.0	2876.0	3328.8	3857.1	4445.8	5135.7	5989.2	6960.1
27.5°	1700.6	1975.6	2281.8	2633.0	3038.2	3539.3	4137.1	4827.3	5640.1	6604.8	7738.8
25°	1762.8	2051.1	2382.5	2762.6	3216.9	3766.5	4414.8	5179.0	6144.9	7295.1	8690.3
22.5°	1822.0	2120.0	2473.6	2879.1	3378.0	3986.4	4716.0	5590.6	6658.3	7949.2	9622.3
20°	1877.6	2194.4	2564.0	2990.5	3521.9	4185.0	4993.0	5974.8	7189.8	8718.0	10536.2
17.5°	1926.4	2260.0	2649.5	3111.0	3682.3	4386.8	5254.3	6314.1	7662.9	9404.5	11379.6
15°	1968.4	2316.5	2723.5	3215.3	3826.8	4587.4	5528.5	6686.0	8156.4	10028.8	12120.0
12.5°	2003.4	2363.9	2785.7	3303.1	3948.1	4757.0	5762.7	7017.5	8637.2	10616.9	12770.1
10°	2031.2	2401.8	2835.8	3374.0	4046.0	4894.7	5955.6	7288.7	9037.1	11121.0	13320.1
7.5°	2054.4	2431.5	2874.2	3427.7	4120.0	4999.9	6105.8	7498.0	9349.8	11520.2	13742.1
5°	2070.9	2452.8	2903.3	3465.4	4174.3	5073.2	6210.9	7644.3	9572.2	11809.4	14030.6
2.5°	2080.2	2464.4	2920.1	3485.4	4207.7	5114.8	6266.0	7736.2	9694.4	11974.5	14205.1
0°	2082.1	2466.2	2924.2	3487.9	4217.1	5122.6	6274.6	7764.9	9720.2	12017.3	14268.5
-2.5°	2080.2	2464.4	2920.1	3485.4	4207.7	5114.8	6266.0	7736.2	9694.4	11974.5	14205.1
-5°	2070.9	2452.8	2903.3	3465.4	4174.3	5073.2	6210.9	7644.3	9572.2	11809.4	14030.6
-7.5°	2054.4	2431.5	2874.2	3427.7	4120.0	4999.9	6105.8	7498.0	9349.8	11520.2	13742.1
-10°	2031.2	2401.8	2835.8	3374.0	4046.0	4894.7	5955.6	7288.7	9037.1	11121.0	13320.1
-12.5°	2003.4	2363.9	2785.7	3303.1	3948.1	4757.0	5762.7	7017.5	8637.2	10616.9	12770.1
-15°	1968.4	2316.5	2723.5	3215.3	3826.8	4587.4	5528.5	6686.0	8156.4	10028.8	12120.0
-17.5°	1926.4	2260.0	2649.5	3111.0	3682.3	4386.8	5254.3	6314.1	7662.9	9404.5	11379.6
-20°	1877.6	2194.4	2564.0	2990.5	3521.9	4185.0	4993.0	5974.8	7189.8	8718.0	10536.2



REPORT NUMBER: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	1822.0	2120.0	2473.6	2879.1	3378.0	3986.4	4716.0	5590.6	6658.3	7949.2	9622.3
-25°	1762.8	2051.1	2382.5	2762.6	3216.9	3766.5	4414.8	5179.0	6144.9	7295.1	8690.3
-27.5°	1700.6	1975.6	2281.8	2633.0	3038.2	3539.3	4137.1	4827.3	5640.1	6604.8	7738.8
-30°	1633.0	1892.7	2172.2	2497.0	2876.0	3328.8	3857.1	4445.8	5135.7	5989.2	6960.1
-32.5°	1559.9	1804.0	2068.5	2368.7	2709.3	3100.6	3565.5	4098.2	4697.9	5378.4	6205.4
-35°	1487.3	1717.8	1964.1	2231.6	2532.6	2890.7	3300.0	3752.6	4259.4	4856.9	5517.9
-37.5°	1418.9	1626.8	1853.4	2097.6	2375.5	2684.6	3026.8	3436.3	3876.1	4339.5	4906.0
-40°	1346.1	1531.1	1746.0	1971.1	2210.6	2485.0	2794.9	3129.0	3510.2	3917.7	4334.2
-42.5°	1270.9	1446.3	1637.1	1838.5	2059.5	2299.6	2557.1	2858.1	3170.5	3514.5	3881.0
-45°	1205.6	1357.6	1526.7	1715.1	1909.2	2118.2	2350.9	2590.2	2867.3	3145.3	3457.5
-47.5°	1137.4	1269.7	1425.4	1587.6	1764.4	1950.0	2145.7	2363.6	2580.7	2826.7	3064.4
-50°	1068.3	1192.3	1319.8	1469.1	1623.5	1786.4	1959.3	2142.6	2337.9	2533.3	2740.5
-52.5°	1002.3	1112.2	1226.8	1351.6	1489.6	1632.3	1781.9	1939.2	2107.1	2275.9	2447.1
-55°	934.5	1035.6	1133.1	1242.2	1360.3	1486.8	1614.5	1751.7	1886.4	2038.3	2178.5
-57.5°	871.1	956.9	1042.6	1134.6	1237.8	1345.5	1458.5	1571.6	1693.6	1814.3	1929.6
-60°	810.1	879.4	953.8	1032.8	1115.6	1209.8	1303.9	1404.4	1506.4	1606.1	1707.7
-62.5°	746.5	802.2	863.5	933.5	1005.2	1074.4	1154.7	1239.1	1324.6	1407.4	1489.5
-65°	671.3	720.7	770.2	828.1	894.3	949.6	1009.4	1075.2	1148.3	1214.3	1274.4
-67.5°	592.9	636.6	677.2	717.1	768.0	816.8	865.3	915.8	971.6	1030.3	1082.1
-70°	508.4	551.4	587.4	619.8	647.8	678.2	717.3	755.9	800.1	856.0	907.2
-72.5°	422.7	461.5	495.5	524.8	543.1	557.0	575.5	598.1	640.1	696.0	745.3
-75°	341.6	372.1	402.4	428.9	440.2	441.1	439.8	447.3	488.9	545.9	596.1
-77.5°	263.8	289.0	312.5	334.1	340.3	339.4	335.4	328.5	360.0	408.7	459.3
-80°	190.1	205.9	224.3	241.3	245.3	243.6	238.3	229.6	254.5	289.6	327.6
-82.5°	124.0	134.8	145.0	154.5	155.5	153.0	148.3	142.7	161.6	184.4	208.3
-85°	63.6	63.5	68.8	73.6	75.9	76.2	74.7	71.4	80.7	91.4	102.7
-87.5°	31.7	31.7	31.2	30.3	29.0	27.2	25.0	22.5	23.4	24.3	25.1
-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: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	26.0	25.3	24.4	23.5	22.4	22.0	21.5	21.0	20.4	18.9	17.3
85°	114.6	117.2	118.6	119.2	119.2	123.0	126.6	129.9	132.7	120.3	106.6
82.5°	233.0	243.9	253.5	263.0	272.4	278.9	283.8	287.4	289.7	262.2	231.4
80°	366.7	389.7	408.7	426.9	444.3	448.6	448.6	446.1	441.3	403.7	361.2
77.5°	510.1	540.1	564.0	587.6	610.9	619.5	623.6	626.8	628.9	582.5	525.2
75°	640.0	675.8	709.3	740.3	768.8	784.1	793.0	800.3	805.9	759.3	697.9
72.5°	788.2	826.2	862.3	896.7	927.0	947.1	960.2	971.0	979.5	952.9	914.5
70°	951.2	990.5	1028.7	1064.4	1098.7	1125.7	1147.0	1165.3	1180.5	1183.4	1182.1
67.5°	1132.2	1178.6	1224.0	1262.9	1303.6	1341.8	1375.3	1403.2	1425.5	1440.2	1448.4
65°	1335.3	1405.0	1467.1	1519.7	1563.7	1614.5	1659.5	1693.8	1718.0	1736.3	1752.1
62.5°	1574.7	1659.2	1730.1	1800.2	1872.6	1942.9	1986.8	2030.9	2074.0	2114.7	2149.4
60°	1805.0	1897.7	1993.8	2083.3	2166.2	2242.4	2321.3	2391.2	2452.4	2503.6	2541.7
57.5°	2050.6	2163.3	2272.6	2386.3	2493.2	2593.0	2690.4	2780.4	2858.2	2923.6	2977.1
55°	2317.0	2454.9	2584.8	2729.1	2869.0	2996.6	3114.0	3234.4	3342.9	3438.4	3514.1
52.5°	2604.3	2783.6	2955.6	3125.0	3306.4	3470.0	3616.5	3783.4	3931.3	4053.7	4149.0
50°	2947.3	3158.0	3385.0	3595.0	3823.8	4049.0	4256.6	4457.8	4654.5	4824.8	4962.4
47.5°	3337.9	3597.2	3878.4	4156.9	4440.8	4748.7	5023.5	5278.8	5553.8	5792.7	5984.2
45°	3772.0	4102.7	4442.4	4833.6	5194.2	5589.8	5955.9	6284.7	6674.8	7018.4	7295.1
42.5°	4253.7	4694.2	5140.8	5633.7	6112.0	6614.2	7147.7	7620.9	8138.2	8631.5	9030.1
40°	4850.7	5377.3	5975.4	6572.0	7258.6	7903.6	8680.6	9386.8	10028.2	10616.3	11098.4
37.5°	5514.0	6192.0	6943.4	7720.6	8660.0	9580.8	10490.4	11349.2	12107.4	12751.1	13291.1
35°	6267.2	7128.6	8038.8	9173.3	10274.0	11376.8	12404.2	13342.8	14167.5	14893.7	15511.4
32.5°	7133.4	8167.3	9441.4	10716.0	11971.6	13185.8	14313.8	15337.5	16241.9	17057.3	17767.5
30°	8044.2	9454.9	10884.9	12283.2	13654.5	14984.5	16222.5	17350.1	18372.0	19279.7	20097.9
27.5°	9201.6	10764.8	12324.2	13831.6	15340.2	16795.8	18137.5	19390.1	20562.7	21588.7	22524.0
25°	10321.0	12048.0	13705.7	15349.3	16991.4	18554.2	20054.4	21469.2	22812.1	23989.8	25033.9
22.5°	11440.3	13247.9	15019.3	16786.6	18550.6	20292.8	21977.3	23598.2	25100.0	26441.0	27616.3
20°	12477.0	14366.7	16261.0	18166.1	20078.2	21985.3	23877.1	25701.3	27374.4	28922.5	30282.9
17.5°	13406.4	15416.1	17424.4	19462.2	21535.0	23605.5	25707.0	27752.0	29664.7	31426.1	33004.3
15°	14229.4	16326.5	18483.4	20682.4	22908.1	25156.8	27449.9	29737.9	31891.0	33891.7	35653.6
12.5°	14949.0	17129.2	19389.8	21726.4	24142.1	26591.8	29094.4	31602.4	33986.0	36295.8	38198.2
10°	15542.8	17812.0	20174.8	22629.8	25177.4	27813.9	30498.8	33198.6	35824.7	38274.9	40450.4
7.5°	16001.3	18355.5	20790.3	23343.6	26016.5	28796.7	31641.0	34505.8	37308.4	39948.6	42355.7
5°	16324.9	18751.1	21216.5	23872.6	26638.2	29519.4	32475.5	35461.0	38390.7	41166.7	43661.4
2.5°	16512.6	18988.6	21464.7	24194.0	27008.1	29956.6	32993.0	36027.5	39034.6	41913.8	44477.4
0°	16562.0	19059.9	21607.1	24228.3	27124.3	30161.2	33088.9	36132.8	39257.8	42097.4	44651.6
-2.5°	16512.6	18988.6	21464.7	24194.0	27008.1	29956.6	32993.0	36027.5	39034.6	41913.8	44477.4
-5°	16324.9	18751.1	21216.5	23872.6	26638.2	29519.4	32475.5	35461.0	38390.7	41166.7	43661.4
-7.5°	16001.3	18355.5	20790.3	23343.6	26016.5	28796.7	31641.0	34505.8	37308.4	39948.6	42355.7
-10°	15542.8	17812.0	20174.8	22629.8	25177.4	27813.9	30498.8	33198.6	35824.7	38274.9	40450.4
-12.5°	14949.0	17129.2	19389.8	21726.4	24142.1	26591.8	29094.4	31602.4	33986.0	36295.8	38198.2
-15°	14229.4	16326.5	18483.4	20682.4	22908.1	25156.8	27449.9	29737.9	31891.0	33891.7	35653.6
-17.5°	13406.4	15416.1	17424.4	19462.2	21535.0	23605.5	25707.0	27752.0	29664.7	31426.1	33004.3
-20°	12477.0	14366.7	16261.0	18166.1	20078.2	21985.3	23877.1	25701.3	27374.4	28922.5	30282.9

Classified

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

Scaled Data Report



REPORT NUMBER: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11440.3	13247.9	15019.3	16786.6	18550.6	20292.8	21977.3	23598.2	25100.0	26441.0	27616.3
-25°	10321.0	12048.0	13705.7	15349.3	16991.4	18554.2	20054.4	21469.2	22812.1	23989.8	25033.9
-27.5°	9201.6	10764.8	12324.2	13831.6	15340.2	16795.8	18137.5	19390.1	20562.7	21588.7	22524.0
-30°	8044.2	9454.9	10884.9	12283.2	13654.5	14984.5	16222.5	17350.1	18372.0	19279.7	20097.9
-32.5°	7133.4	8167.3	9441.4	10716.0	11971.6	13185.8	14313.8	15337.5	16241.9	17057.3	17767.5
-35°	6267.2	7128.6	8038.8	9173.3	10274.0	11376.8	12404.2	13342.8	14167.5	14893.7	15511.4
-37.5°	5514.0	6192.0	6943.4	7720.6	8660.0	9580.8	10490.4	11349.2	12107.4	12751.1	13291.1
-40°	4850.7	5377.3	5975.4	6572.0	7258.6	7903.6	8680.6	9386.8	10028.2	10616.3	11098.4
-42.5°	4253.7	4694.2	5140.8	5633.7	6112.0	6614.2	7147.7	7620.9	8138.2	8631.5	9030.1
-45°	3772.0	4102.7	4442.4	4833.6	5194.2	5589.8	5955.9	6284.7	6674.8	7018.4	7295.1
-47.5°	3337.9	3597.2	3878.4	4156.9	4440.8	4748.7	5023.5	5278.8	5553.8	5792.7	5984.2
-50°	2947.3	3158.0	3385.0	3595.0	3823.8	4049.0	4256.6	4457.8	4654.5	4824.8	4962.4
-52.5°	2604.3	2783.6	2955.6	3125.0	3306.4	3470.0	3616.5	3783.4	3931.3	4053.7	4149.0
-55°	2317.0	2454.9	2584.8	2729.1	2869.0	2996.6	3114.0	3234.4	3342.9	3438.4	3514.1
-57.5°	2050.6	2163.3	2272.6	2386.3	2493.2	2593.0	2690.4	2780.4	2858.2	2923.6	2977.1
-60°	1805.0	1897.7	1993.8	2083.3	2166.2	2242.4	2321.3	2391.2	2452.4	2503.6	2541.7
-62.5°	1574.7	1659.2	1730.1	1800.2	1872.6	1942.9	1986.8	2030.9	2074.0	2114.7	2149.4
-65°	1335.3	1405.0	1467.1	1519.7	1563.7	1614.5	1659.5	1693.8	1718.0	1736.3	1752.1
-67.5°	1132.2	1178.6	1224.0	1262.9	1303.6	1341.8	1375.3	1403.2	1425.5	1440.2	1448.4
-70°	951.2	990.5	1028.7	1064.4	1098.7	1125.7	1147.0	1165.3	1180.5	1183.4	1182.1
-72.5°	788.2	826.2	862.3	896.7	927.0	947.1	960.2	971.0	979.5	952.9	914.5
-75°	640.0	675.8	709.3	740.3	768.8	784.1	793.0	800.3	805.9	759.3	697.9
-77.5°	510.1	540.1	564.0	587.6	610.9	619.5	623.6	626.8	628.9	582.5	525.2
-80°	366.7	389.7	408.7	426.9	444.3	448.6	448.6	446.1	441.3	403.7	361.2
-82.5°	233.0	243.9	253.5	263.0	272.4	278.9	283.8	287.4	289.7	262.2	231.4
-85°	114.6	117.2	118.6	119.2	119.2	123.0	126.6	129.9	132.7	120.3	106.6
-87.5°	26.0	25.3	24.4	23.5	22.4	22.0	21.5	21.0	20.4	18.9	17.3
-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: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	15.7	14.0	12.3	10.6	12.3	14.0	15.7	17.3	18.9	20.4	21.0
85°	92.2	77.1	75.6	74.0	75.6	77.1	92.2	106.6	120.3	132.7	129.9
82.5°	198.9	165.2	160.1	155.0	160.1	165.2	198.9	231.4	262.2	289.7	287.4
80°	316.9	271.1	262.2	253.7	262.2	271.1	316.9	361.2	403.7	441.3	446.1
77.5°	465.0	402.2	383.8	366.4	383.8	402.2	465.0	525.2	582.5	628.9	626.8
75°	634.2	568.1	545.8	524.9	545.8	568.1	634.2	697.9	759.3	805.9	800.3
72.5°	875.7	835.5	794.9	750.4	794.9	835.5	875.7	914.5	952.9	979.5	971.0
70°	1180.9	1178.0	1167.9	1152.1	1167.9	1178.0	1180.9	1182.1	1183.4	1180.5	1165.3
67.5°	1452.0	1450.8	1454.4	1455.0	1454.4	1450.8	1452.0	1448.4	1440.2	1425.5	1403.2
65°	1761.7	1765.1	1772.4	1775.6	1772.4	1765.1	1761.7	1752.1	1736.3	1718.0	1693.8
62.5°	2176.1	2194.1	2203.0	2201.9	2203.0	2194.1	2176.1	2149.4	2114.7	2074.0	2030.9
60°	2570.2	2588.9	2600.6	2603.6	2600.6	2588.9	2570.2	2541.7	2503.6	2452.4	2391.2
57.5°	3019.5	3050.1	3066.3	3068.6	3066.3	3050.1	3019.5	2977.1	2923.6	2858.2	2780.4
55°	3572.2	3612.7	3630.9	3628.8	3630.9	3612.7	3572.2	3514.1	3438.4	3342.9	3234.4
52.5°	4221.0	4270.4	4307.5	4329.9	4307.5	4270.4	4221.0	4149.0	4053.7	3931.3	3783.4
50°	5065.8	5136.7	5181.7	5200.1	5181.7	5136.7	5065.8	4962.4	4824.8	4654.5	4457.8
47.5°	6122.7	6216.6	6286.1	6334.5	6286.1	6216.6	6122.7	5984.2	5792.7	5553.8	5278.8
45°	7499.4	7642.6	7739.8	7796.6	7739.8	7642.6	7499.4	7295.1	7018.4	6674.8	6284.7
42.5°	9341.4	9563.6	9699.7	9751.9	9699.7	9563.6	9341.4	9030.1	8631.5	8138.2	7620.9
40°	11479.0	11745.9	11921.0	12041.9	11921.0	11745.9	11479.0	11098.4	10616.3	10028.2	9386.8
37.5°	13705.5	13985.8	14156.2	14272.0	14156.2	13985.8	13705.5	13291.1	12751.1	12107.4	11349.2
35°	15976.9	16270.3	16430.2	16519.8	16430.2	16270.3	15976.9	15511.4	14893.7	14167.5	13342.8
32.5°	18308.8	18632.1	18806.0	18985.9	18806.0	18632.1	18308.8	17767.5	17057.3	16241.9	15337.5
30°	20744.4	21115.5	21297.4	21385.2	21297.4	21115.5	20744.4	20097.9	19279.7	18372.0	17350.1
27.5°	23278.7	23741.3	23969.1	24119.1	23969.1	23741.3	23278.7	22524.0	21588.7	20562.7	19390.1
25°	25915.8	26488.9	26749.8	26983.4	26749.8	26488.9	25915.8	25033.9	23989.8	22812.1	21469.2
22.5°	28651.8	29365.4	29667.6	29833.5	29667.6	29365.4	28651.8	27616.3	26441.0	25100.0	23598.2
20°	31459.1	32312.0	32731.8	32947.9	32731.8	32312.0	31459.1	30282.9	28922.5	27374.4	25701.3
17.5°	34330.0	35390.8	35934.1	36058.8	35934.1	35390.8	34330.0	33004.3	31426.1	29664.7	27752.0
15°	37148.3	38295.6	38937.9	39173.2	38937.9	38295.6	37148.3	35653.6	33891.7	31891.0	29737.9
12.5°	39817.3	41006.5	41774.0	41910.7	41774.0	41006.5	39817.3	38198.2	36295.8	33986.0	31602.4
10°	42237.9	43469.8	44317.6	44510.7	44317.6	43469.8	42237.9	40450.4	38274.9	35824.7	33198.6
7.5°	44261.5	45613.2	46549.7	46712.7	46549.7	45613.2	44261.5	42355.7	39948.6	37308.4	34505.8
5°	45742.1	47346.9	48115.6	48308.6	48115.6	47346.9	45742.1	43661.4	41166.7	38390.7	35461.0
2.5°	46554.3	48188.0	49256.4	49133.0	49256.4	48188.0	46554.3	44477.4	41913.8	39034.6	36027.5
0°	46645.7	48354.4	49376.1	49848.2	49376.1	48354.4	46645.7	44651.6	42097.4	39257.8	36132.8
-2.5°	46554.3	48188.0	49256.4	49133.0	49256.4	48188.0	46554.3	44477.4	41913.8	39034.6	36027.5
-5°	45742.1	47346.9	48115.6	48308.6	48115.6	47346.9	45742.1	43661.4	41166.7	38390.7	35461.0
-7.5°	44261.5	45613.2	46549.7	46712.7	46549.7	45613.2	44261.5	42355.7	39948.6	37308.4	34505.8
-10°	42237.9	43469.8	44317.6	44510.7	44317.6	43469.8	42237.9	40450.4	38274.9	35824.7	33198.6
-12.5°	39817.3	41006.5	41774.0	41910.7	41774.0	41006.5	39817.3	38198.2	36295.8	33986.0	31602.4
-15°	37148.3	38295.6	38937.9	39173.2	38937.9	38295.6	37148.3	35653.6	33891.7	31891.0	29737.9
-17.5°	34330.0	35390.8	35934.1	36058.8	35934.1	35390.8	34330.0	33004.3	31426.1	29664.7	27752.0
-20°	31459.1	32312.0	32731.8	32947.9	32731.8	32312.0	31459.1	30282.9	28922.5	27374.4	25701.3



REPORT NUMBER: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28651.8	29365.4	29667.6	29833.5	29667.6	29365.4	28651.8	27616.3	26441.0	25100.0	23598.2
-25°	25915.8	26488.9	26749.8	26983.4	26749.8	26488.9	25915.8	25033.9	23989.8	22812.1	21469.2
-27.5°	23278.7	23741.3	23969.1	24119.1	23969.1	23741.3	23278.7	22524.0	21588.7	20562.7	19390.1
-30°	20744.4	21115.5	21297.4	21385.2	21297.4	21115.5	20744.4	20097.9	19279.7	18372.0	17350.1
-32.5°	18308.8	18632.1	18806.0	18985.9	18806.0	18632.1	18308.8	17767.5	17057.3	16241.9	15337.5
-35°	15976.9	16270.3	16430.2	16519.8	16430.2	16270.3	15976.9	15511.4	14893.7	14167.5	13342.8
-37.5°	13705.5	13985.8	14156.2	14272.0	14156.2	13985.8	13705.5	13291.1	12751.1	12107.4	11349.2
-40°	11479.0	11745.9	11921.0	12041.9	11921.0	11745.9	11479.0	11098.4	10616.3	10028.2	9386.8
-42.5°	9341.4	9563.6	9699.7	9751.9	9699.7	9563.6	9341.4	9030.1	8631.5	8138.2	7620.9
-45°	7499.4	7642.6	7739.8	7796.6	7739.8	7642.6	7499.4	7295.1	7018.4	6674.8	6284.7
-47.5°	6122.7	6216.6	6286.1	6334.5	6286.1	6216.6	6122.7	5984.2	5792.7	5553.8	5278.8
-50°	5065.8	5136.7	5181.7	5200.1	5181.7	5136.7	5065.8	4962.4	4824.8	4654.5	4457.8
-52.5°	4221.0	4270.4	4307.5	4329.9	4307.5	4270.4	4221.0	4149.0	4053.7	3931.3	3783.4
-55°	3572.2	3612.7	3630.9	3628.8	3630.9	3612.7	3572.2	3514.1	3438.4	3342.9	3234.4
-57.5°	3019.5	3050.1	3066.3	3068.6	3066.3	3050.1	3019.5	2977.1	2923.6	2858.2	2780.4
-60°	2570.2	2588.9	2600.6	2603.6	2600.6	2588.9	2570.2	2541.7	2503.6	2452.4	2391.2
-62.5°	2176.1	2194.1	2203.0	2201.9	2203.0	2194.1	2176.1	2149.4	2114.7	2074.0	2030.9
-65°	1761.7	1765.1	1772.4	1775.6	1772.4	1765.1	1761.7	1752.1	1736.3	1718.0	1693.8
-67.5°	1452.0	1450.8	1454.4	1455.0	1454.4	1450.8	1452.0	1448.4	1440.2	1425.5	1403.2
-70°	1180.9	1178.0	1167.9	1152.1	1167.9	1178.0	1180.9	1182.1	1183.4	1180.5	1165.3
-72.5°	875.7	835.5	794.9	750.4	794.9	835.5	875.7	914.5	952.9	979.5	971.0
-75°	634.2	568.1	545.8	524.9	545.8	568.1	634.2	697.9	759.3	805.9	800.3
-77.5°	465.0	402.2	383.8	366.4	383.8	402.2	465.0	525.2	582.5	628.9	626.8
-80°	316.9	271.1	262.2	253.7	262.2	271.1	316.9	361.2	403.7	441.3	446.1
-82.5°	198.9	165.2	160.1	155.0	160.1	165.2	198.9	231.4	262.2	289.7	287.4
-85°	92.2	77.1	75.6	74.0	75.6	77.1	92.2	106.6	120.3	132.7	129.9
-87.5°	15.7	14.0	12.3	10.6	12.3	14.0	15.7	17.3	18.9	20.4	21.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA6E-740-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°	21.5	22.0	22.4	23.5	24.4	25.3	26.0	25.1	24.3	23.4	22.5
85°	126.6	123.0	119.2	119.2	118.6	117.2	114.6	102.7	91.4	80.7	71.4
82.5°	283.8	278.9	272.4	263.0	253.5	243.9	233.0	208.3	184.4	161.6	142.7
80°	448.6	448.6	444.3	426.9	408.7	389.7	366.7	327.6	289.6	254.5	229.6
77.5°	623.6	619.5	610.9	587.6	564.0	540.1	510.1	459.3	408.7	360.0	328.5
75°	793.0	784.1	768.8	740.3	709.3	675.8	640.0	596.1	545.9	488.9	447.3
72.5°	960.2	947.1	927.0	896.7	862.3	826.2	788.2	745.3	696.0	640.1	598.1
70°	1147.0	1125.7	1098.7	1064.4	1028.7	990.5	951.2	907.2	856.0	800.1	755.9
67.5°	1375.3	1341.8	1303.6	1262.9	1224.0	1178.6	1132.2	1082.1	1030.3	971.6	915.8
65°	1659.5	1614.5	1563.7	1519.7	1467.1	1405.0	1335.3	1274.4	1214.3	1148.3	1075.2
62.5°	1986.8	1942.9	1872.6	1800.2	1730.1	1659.2	1574.7	1489.5	1407.4	1324.6	1239.1
60°	2321.3	2242.4	2166.2	2083.3	1993.8	1897.7	1805.0	1707.7	1606.1	1506.4	1404.4
57.5°	2690.4	2593.0	2493.2	2386.3	2272.6	2163.3	2050.6	1929.6	1814.3	1693.6	1571.6
55°	3114.0	2996.6	2869.0	2729.1	2584.8	2454.9	2317.0	2178.5	2038.3	1886.4	1751.7
52.5°	3616.5	3470.0	3306.4	3125.0	2955.6	2783.6	2604.3	2447.1	2275.9	2107.1	1939.2
50°	4256.6	4049.0	3823.8	3595.0	3385.0	3158.0	2947.3	2740.5	2533.3	2337.9	2142.6
47.5°	5023.5	4748.7	4440.8	4156.9	3878.4	3597.2	3337.9	3064.4	2826.7	2580.7	2363.6
45°	5955.9	5589.8	5194.2	4833.6	4442.4	4102.7	3772.0	3457.5	3145.3	2867.3	2590.2
42.5°	7147.7	6614.2	6112.0	5633.7	5140.8	4694.2	4253.7	3881.0	3514.5	3170.5	2858.1
40°	8680.6	7903.6	7258.6	6572.0	5975.4	5377.3	4850.7	4334.2	3917.7	3510.2	3129.0
37.5°	10490.4	9580.8	8660.0	7720.6	6943.4	6192.0	5514.0	4906.0	4339.5	3876.1	3436.3
35°	12404.2	11376.8	10274.0	9173.3	8038.8	7128.6	6267.2	5517.9	4856.9	4259.4	3752.6
32.5°	14313.8	13185.8	11971.6	10716.0	9441.4	8167.3	7133.4	6205.4	5378.4	4697.9	4098.2
30°	16222.5	14984.5	13654.5	12283.2	10884.9	9454.9	8044.2	6960.1	5989.2	5135.7	4445.8
27.5°	18137.5	16795.8	15340.2	13831.6	12324.2	10764.8	9201.6	7738.8	6604.8	5640.1	4827.3
25°	20054.4	18554.2	16991.4	15349.3	13705.7	12048.0	10321.0	8690.3	7295.1	6144.9	5179.0
22.5°	21977.3	20292.8	18550.6	16786.6	15019.3	13247.9	11440.3	9622.3	7949.2	6658.3	5590.6
20°	23877.1	21985.3	20078.2	18166.1	16261.0	14366.7	12477.0	10536.2	8718.0	7189.8	5974.8
17.5°	25707.0	23605.5	21535.0	19462.2	17424.4	15416.1	13406.4	11379.6	9404.5	7662.9	6314.1
15°	27449.9	25156.8	22908.1	20682.4	18483.4	16326.5	14229.4	12120.0	10028.8	8156.4	6686.0
12.5°	29094.4	26591.8	24142.1	21726.4	19389.8	17129.2	14949.0	12770.1	10616.9	8637.2	7017.5
10°	30498.8	27813.9	25177.4	22629.8	20174.8	17812.0	15542.8	13320.1	11121.0	9037.1	7288.7
7.5°	31641.0	28796.7	26016.5	23343.6	20790.3	18355.5	16001.3	13742.1	11520.2	9349.8	7498.0
5°	32475.5	29519.4	26638.2	23872.6	21216.5	18751.1	16324.9	14030.6	11809.4	9572.2	7644.3
2.5°	32993.0	29956.6	27008.1	24194.0	21464.7	18988.6	16512.6	14205.1	11974.5	9694.4	7736.2
0°	33088.9	30161.2	27124.3	24228.3	21607.1	19059.9	16562.0	14268.5	12017.3	9720.2	7764.9
-2.5°	32993.0	29956.6	27008.1	24194.0	21464.7	18988.6	16512.6	14205.1	11974.5	9694.4	7736.2
-5°	32475.5	29519.4	26638.2	23872.6	21216.5	18751.1	16324.9	14030.6	11809.4	9572.2	7644.3
-7.5°	31641.0	28796.7	26016.5	23343.6	20790.3	18355.5	16001.3	13742.1	11520.2	9349.8	7498.0
-10°	30498.8	27813.9	25177.4	22629.8	20174.8	17812.0	15542.8	13320.1	11121.0	9037.1	7288.7
-12.5°	29094.4	26591.8	24142.1	21726.4	19389.8	17129.2	14949.0	12770.1	10616.9	8637.2	7017.5
-15°	27449.9	25156.8	22908.1	20682.4	18483.4	16326.5	14229.4	12120.0	10028.8	8156.4	6686.0
-17.5°	25707.0	23605.5	21535.0	19462.2	17424.4	15416.1	13406.4	11379.6	9404.5	7662.9	6314.1
-20°	23877.1	21985.3	20078.2	18166.1	16261.0	14366.7	12477.0	10536.2	8718.0	7189.8	5974.8



REPORT NUMBER: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21977.3	20292.8	18550.6	16786.6	15019.3	13247.9	11440.3	9622.3	7949.2	6658.3	5590.6
-25°	20054.4	18554.2	16991.4	15349.3	13705.7	12048.0	10321.0	8690.3	7295.1	6144.9	5179.0
-27.5°	18137.5	16795.8	15340.2	13831.6	12324.2	10764.8	9201.6	7738.8	6604.8	5640.1	4827.3
-30°	16222.5	14984.5	13654.5	12283.2	10884.9	9454.9	8044.2	6960.1	5989.2	5135.7	4445.8
-32.5°	14313.8	13185.8	11971.6	10716.0	9441.4	8167.3	7133.4	6205.4	5378.4	4697.9	4098.2
-35°	12404.2	11376.8	10274.0	9173.3	8038.8	7128.6	6267.2	5517.9	4856.9	4259.4	3752.6
-37.5°	10490.4	9580.8	8660.0	7720.6	6943.4	6192.0	5514.0	4906.0	4339.5	3876.1	3436.3
-40°	8680.6	7903.6	7258.6	6572.0	5975.4	5377.3	4850.7	4334.2	3917.7	3510.2	3129.0
-42.5°	7147.7	6614.2	6112.0	5633.7	5140.8	4694.2	4253.7	3881.0	3514.5	3170.5	2858.1
-45°	5955.9	5589.8	5194.2	4833.6	4442.4	4102.7	3772.0	3457.5	3145.3	2867.3	2590.2
-47.5°	5023.5	4748.7	4440.8	4156.9	3878.4	3597.2	3337.9	3064.4	2826.7	2580.7	2363.6
-50°	4256.6	4049.0	3823.8	3595.0	3385.0	3158.0	2947.3	2740.5	2533.3	2337.9	2142.6
-52.5°	3616.5	3470.0	3306.4	3125.0	2955.6	2783.6	2604.3	2447.1	2275.9	2107.1	1939.2
-55°	3114.0	2996.6	2869.0	2729.1	2584.8	2454.9	2317.0	2178.5	2038.3	1886.4	1751.7
-57.5°	2690.4	2593.0	2493.2	2386.3	2272.6	2163.3	2050.6	1929.6	1814.3	1693.6	1571.6
-60°	2321.3	2242.4	2166.2	2083.3	1993.8	1897.7	1805.0	1707.7	1606.1	1506.4	1404.4
-62.5°	1986.8	1942.9	1872.6	1800.2	1730.1	1659.2	1574.7	1489.5	1407.4	1324.6	1239.1
-65°	1659.5	1614.5	1563.7	1519.7	1467.1	1405.0	1335.3	1274.4	1214.3	1148.3	1075.2
-67.5°	1375.3	1341.8	1303.6	1262.9	1224.0	1178.6	1132.2	1082.1	1030.3	971.6	915.8
-70°	1147.0	1125.7	1098.7	1064.4	1028.7	990.5	951.2	907.2	856.0	800.1	755.9
-72.5°	960.2	947.1	927.0	896.7	862.3	826.2	788.2	745.3	696.0	640.1	598.1
-75°	793.0	784.1	768.8	740.3	709.3	675.8	640.0	596.1	545.9	488.9	447.3
-77.5°	623.6	619.5	610.9	587.6	564.0	540.1	510.1	459.3	408.7	360.0	328.5
-80°	448.6	448.6	444.3	426.9	408.7	389.7	366.7	327.6	289.6	254.5	229.6
-82.5°	283.8	278.9	272.4	263.0	253.5	243.9	233.0	208.3	184.4	161.6	142.7
-85°	126.6	123.0	119.2	119.2	118.6	117.2	114.6	102.7	91.4	80.7	71.4
-87.5°	21.5	22.0	22.4	23.5	24.4	25.3	26.0	25.1	24.3	23.4	22.5
-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: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	25.0	27.2	29.0	30.3	31.2	31.7	31.7	31.3	30.0	28.3	26.2
85°	74.7	76.2	75.9	73.6	68.8	63.5	63.6	62.6	60.0	56.7	52.4
82.5°	148.3	153.0	155.5	154.5	145.0	134.8	124.0	112.7	100.5	86.7	78.7
80°	238.3	243.6	245.3	241.3	224.3	205.9	190.1	173.8	157.7	139.6	119.4
77.5°	335.4	339.4	340.3	334.1	312.5	289.0	263.8	237.4	215.0	192.4	167.3
75°	439.8	441.1	440.2	428.9	402.4	372.1	341.6	308.8	275.9	245.2	215.0
72.5°	575.5	557.0	543.1	524.8	495.5	461.5	422.7	379.0	337.4	298.3	261.9
70°	717.3	678.2	647.8	619.8	587.4	551.4	508.4	453.5	397.8	350.4	306.2
67.5°	865.3	816.8	768.0	717.1	677.2	636.6	592.9	527.1	460.3	401.5	349.5
65°	1009.4	949.6	894.3	828.1	770.2	720.7	671.3	596.7	520.5	451.9	391.9
62.5°	1154.7	1074.4	1005.2	933.5	863.5	802.2	746.5	661.5	578.2	500.2	432.1
60°	1303.9	1209.8	1115.6	1032.8	953.8	879.4	810.1	724.4	634.0	546.3	470.1
57.5°	1458.5	1345.5	1237.8	1134.6	1042.6	956.9	871.1	782.3	688.0	593.0	504.4
55°	1614.5	1486.8	1360.3	1242.2	1133.1	1035.6	934.5	837.6	739.7	638.6	531.7
52.5°	1781.9	1632.3	1489.6	1351.6	1226.8	1112.2	1002.3	891.8	789.0	682.4	561.5
50°	1959.3	1786.4	1623.5	1469.1	1319.8	1192.3	1068.3	951.3	837.0	724.6	589.4
47.5°	2145.7	1950.0	1764.4	1587.6	1425.4	1269.7	1137.4	1009.6	883.8	766.4	614.8
45°	2350.9	2118.2	1909.2	1715.1	1526.7	1357.6	1205.6	1066.0	934.4	796.3	637.7
42.5°	2557.1	2299.6	2059.5	1838.5	1637.1	1446.3	1270.9	1124.5	983.1	823.7	660.1
40°	2794.9	2485.0	2210.6	1971.1	1746.0	1531.1	1346.1	1180.9	1028.5	850.8	681.9
37.5°	3026.8	2684.6	2375.5	2097.6	1853.4	1626.8	1418.9	1234.5	1064.3	880.5	701.6
35°	3300.0	2890.7	2532.6	2231.6	1964.1	1717.8	1487.3	1289.4	1103.6	909.0	719.1
32.5°	3565.5	3100.6	2709.3	2368.7	2068.5	1804.0	1559.9	1345.5	1143.5	936.1	734.5
30°	3857.1	3328.8	2876.0	2497.0	2172.2	1892.7	1633.0	1398.4	1183.9	961.7	749.4
27.5°	4137.1	3539.3	3038.2	2633.0	2281.8	1975.6	1700.6	1447.8	1224.3	988.4	768.0
25°	4414.8	3766.5	3216.9	2762.6	2382.5	2051.1	1762.8	1494.1	1264.0	1018.3	784.7
22.5°	4716.0	3986.4	3378.0	2879.1	2473.6	2120.0	1822.0	1544.7	1300.4	1046.8	799.3
20°	4993.0	4185.0	3521.9	2990.5	2564.0	2194.4	1877.6	1590.0	1333.1	1073.6	811.6
17.5°	5254.3	4386.8	3682.3	3111.0	2649.5	2260.0	1926.4	1629.8	1362.0	1098.3	821.6
15°	5528.5	4587.4	3826.8	3215.3	2723.5	2316.5	1968.4	1664.0	1386.9	1120.5	831.1
12.5°	5762.7	4757.0	3948.1	3303.1	2785.7	2363.9	2003.4	1692.4	1407.6	1139.3	839.5
10°	5955.6	4894.7	4046.0	3374.0	2835.8	2401.8	2031.2	1715.5	1424.9	1153.9	844.2
7.5°	6105.8	4999.9	4120.0	3427.7	2874.2	2431.5	2054.4	1733.5	1438.3	1164.2	845.3
5°	6210.9	5073.2	4174.3	3465.4	2903.3	2452.8	2070.9	1745.4	1447.4	1169.8	842.8
2.5°	6266.0	5114.8	4207.7	3485.4	2920.1	2464.4	2080.2	1751.2	1451.9	1170.5	836.9
0°	6274.6	5122.6	4217.1	3487.9	2924.2	2466.2	2082.1	1751.0	1451.5	1166.1	827.9
-2.5°	6266.0	5114.8	4207.7	3485.4	2920.1	2464.4	2080.2	1751.2	1451.9	1170.5	836.9
-5°	6210.9	5073.2	4174.3	3465.4	2903.3	2452.8	2070.9	1745.4	1447.4	1169.8	842.8
-7.5°	6105.8	4999.9	4120.0	3427.7	2874.2	2431.5	2054.4	1733.5	1438.3	1164.2	845.3
-10°	5955.6	4894.7	4046.0	3374.0	2835.8	2401.8	2031.2	1715.5	1424.9	1153.9	844.2
-12.5°	5762.7	4757.0	3948.1	3303.1	2785.7	2363.9	2003.4	1692.4	1407.6	1139.3	839.5
-15°	5528.5	4587.4	3826.8	3215.3	2723.5	2316.5	1968.4	1664.0	1386.9	1120.5	831.1
-17.5°	5254.3	4386.8	3682.3	3111.0	2649.5	2260.0	1926.4	1629.8	1362.0	1098.3	821.6
-20°	4993.0	4185.0	3521.9	2990.5	2564.0	2194.4	1877.6	1590.0	1333.1	1073.6	811.6



REPORT NUMBER: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	4716.0	3986.4	3378.0	2879.1	2473.6	2120.0	1822.0	1544.7	1300.4	1046.8	799.3
-25°	4414.8	3766.5	3216.9	2762.6	2382.5	2051.1	1762.8	1494.1	1264.0	1018.3	784.7
-27.5°	4137.1	3539.3	3038.2	2633.0	2281.8	1975.6	1700.6	1447.8	1224.3	988.4	768.0
-30°	3857.1	3328.8	2876.0	2497.0	2172.2	1892.7	1633.0	1398.4	1183.9	961.7	749.4
-32.5°	3565.5	3100.6	2709.3	2368.7	2068.5	1804.0	1559.9	1345.5	1143.5	936.1	734.5
-35°	3300.0	2890.7	2532.6	2231.6	1964.1	1717.8	1487.3	1289.4	1103.6	909.0	719.1
-37.5°	3026.8	2684.6	2375.5	2097.6	1853.4	1626.8	1418.9	1234.5	1064.3	880.5	701.6
-40°	2794.9	2485.0	2210.6	1971.1	1746.0	1531.1	1346.1	1180.9	1028.5	850.8	681.9
-42.5°	2557.1	2299.6	2059.5	1838.5	1637.1	1446.3	1270.9	1124.5	983.1	823.7	660.1
-45°	2350.9	2118.2	1909.2	1715.1	1526.7	1357.6	1205.6	1066.0	934.4	796.3	637.7
-47.5°	2145.7	1950.0	1764.4	1587.6	1425.4	1269.7	1137.4	1009.6	883.8	766.4	614.8
-50°	1959.3	1786.4	1623.5	1469.1	1319.8	1192.3	1068.3	951.3	837.0	724.6	589.4
-52.5°	1781.9	1632.3	1489.6	1351.6	1226.8	1112.2	1002.3	891.8	789.0	682.4	561.5
-55°	1614.5	1486.8	1360.3	1242.2	1133.1	1035.6	934.5	837.6	739.7	638.6	531.7
-57.5°	1458.5	1345.5	1237.8	1134.6	1042.6	956.9	871.1	782.3	688.0	593.0	504.4
-60°	1303.9	1209.8	1115.6	1032.8	953.8	879.4	810.1	724.4	634.0	546.3	470.1
-62.5°	1154.7	1074.4	1005.2	933.5	863.5	802.2	746.5	661.5	578.2	500.2	432.1
-65°	1009.4	949.6	894.3	828.1	770.2	720.7	671.3	596.7	520.5	451.9	391.9
-67.5°	865.3	816.8	768.0	717.1	677.2	636.6	592.9	527.1	460.3	401.5	349.5
-70°	717.3	678.2	647.8	619.8	587.4	551.4	508.4	453.5	397.8	350.4	306.2
-72.5°	575.5	557.0	543.1	524.8	495.5	461.5	422.7	379.0	337.4	298.3	261.9
-75°	439.8	441.1	440.2	428.9	402.4	372.1	341.6	308.8	275.9	245.2	215.0
-77.5°	335.4	339.4	340.3	334.1	312.5	289.0	263.8	237.4	215.0	192.4	167.3
-80°	238.3	243.6	245.3	241.3	224.3	205.9	190.1	173.8	157.7	139.6	119.4
-82.5°	148.3	153.0	155.5	154.5	145.0	134.8	124.0	112.7	100.5	86.7	78.7
-85°	74.7	76.2	75.9	73.6	68.8	63.5	63.6	62.6	60.0	56.7	52.4
-87.5°	25.0	27.2	29.0	30.3	31.2	31.7	31.7	31.3	30.0	28.3	26.2
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	23.7	18.5	13.8	9.5	5.8	2.5	0.0
85°	47.3	36.9	27.5	19.0	11.6	5.1	0.0
82.5°	70.7	55.2	41.1	28.5	17.4	7.6	0.0
80°	96.0	73.2	54.5	37.8	23.1	10.1	0.0
77.5°	137.1	95.2	67.8	47.0	28.7	12.5	0.0
75°	177.0	124.5	82.1	56.1	34.3	15.0	0.0
72.5°	215.6	152.9	101.7	65.0	39.7	17.3	0.0
70°	252.2	180.2	120.6	74.3	45.0	19.7	0.0
67.5°	284.0	206.2	138.7	85.8	50.1	22.0	0.0
65°	314.3	230.1	156.0	96.9	55.1	24.2	0.0
62.5°	342.9	252.0	172.2	107.4	59.9	26.4	0.0
60°	369.6	272.6	187.4	117.2	64.5	28.5	0.0
57.5°	393.8	291.7	201.5	126.4	70.1	30.5	0.0
55°	416.0	309.3	214.6	134.9	75.5	32.4	0.0
52.5°	436.5	325.5	226.6	142.7	80.7	34.3	0.0
50°	455.0	340.3	237.6	149.7	85.6	36.0	0.0
47.5°	472.2	353.7	247.4	156.2	90.4	37.7	0.0
45°	491.5	365.5	256.0	162.5	94.8	39.3	0.0
42.5°	508.7	375.8	263.4	168.1	99.1	40.7	0.0
40°	523.8	384.4	270.1	174.3	103.0	42.1	0.0
37.5°	536.8	391.5	276.1	180.6	106.7	43.4	0.0
35°	547.5	399.5	280.9	186.4	110.1	44.5	0.0
32.5°	557.4	407.1	284.6	191.6	113.3	45.6	0.0
30°	568.3	413.0	287.2	196.4	116.1	46.5	0.0
27.5°	577.3	417.2	293.3	200.5	118.7	47.3	0.0
25°	584.3	419.7	299.3	204.2	120.9	48.1	0.0
22.5°	589.2	423.0	304.5	207.3	122.9	48.7	0.0
20°	592.1	430.7	308.9	209.9	124.5	49.2	0.0
17.5°	598.7	437.0	312.7	211.9	125.9	49.5	0.0
15°	606.7	442.0	315.7	213.4	126.9	49.8	0.0
12.5°	612.5	445.6	317.9	214.4	127.7	50.0	0.0
10°	616.1	447.9	319.3	214.8	128.1	50.1	0.0
7.5°	617.5	448.8	320.0	214.7	128.2	50.0	0.0
5°	616.9	448.4	319.8	214.1	128.1	49.9	0.0
2.5°	614.2	446.8	318.9	213.0	127.6	49.6	0.0
0°	609.5	443.9	317.1	211.4	126.8	49.3	0.0
-2.5°	614.2	446.8	318.9	213.0	127.6	49.6	0.0
-5°	616.9	448.4	319.8	214.1	128.1	49.9	0.0
-7.5°	617.5	448.8	320.0	214.7	128.2	50.0	0.0
-10°	616.1	447.9	319.3	214.8	128.1	50.1	0.0
-12.5°	612.5	445.6	317.9	214.4	127.7	50.0	0.0
-15°	606.7	442.0	315.7	213.4	126.9	49.8	0.0
-17.5°	598.7	437.0	312.7	211.9	125.9	49.5	0.0
-20°	592.1	430.7	308.9	209.9	124.5	49.2	0.0

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REPORT NUMBER: P628013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	589.2	423.0	304.5	207.3	122.9	48.7	0.0
-25°	584.3	419.7	299.3	204.2	120.9	48.1	0.0
-27.5°	577.3	417.2	293.3	200.5	118.7	47.3	0.0
-30°	568.3	413.0	287.2	196.4	116.1	46.5	0.0
-32.5°	557.4	407.1	284.6	191.6	113.3	45.6	0.0
-35°	547.5	399.5	280.9	186.4	110.1	44.5	0.0
-37.5°	536.8	391.5	276.1	180.6	106.7	43.4	0.0
-40°	523.8	384.4	270.1	174.3	103.0	42.1	0.0
-42.5°	508.7	375.8	263.4	168.1	99.1	40.7	0.0
-45°	491.5	365.5	256.0	162.5	94.8	39.3	0.0
-47.5°	472.2	353.7	247.4	156.2	90.4	37.7	0.0
-50°	455.0	340.3	237.6	149.7	85.6	36.0	0.0
-52.5°	436.5	325.5	226.6	142.7	80.7	34.3	0.0
-55°	416.0	309.3	214.6	134.9	75.5	32.4	0.0
-57.5°	393.8	291.7	201.5	126.4	70.1	30.5	0.0
-60°	369.6	272.6	187.4	117.2	64.5	28.5	0.0
-62.5°	342.9	252.0	172.2	107.4	59.9	26.4	0.0
-65°	314.3	230.1	156.0	96.9	55.1	24.2	0.0
-67.5°	284.0	206.2	138.7	85.8	50.1	22.0	0.0
-70°	252.2	180.2	120.6	74.3	45.0	19.7	0.0
-72.5°	215.6	152.9	101.7	65.0	39.7	17.3	0.0
-75°	177.0	124.5	82.1	56.1	34.3	15.0	0.0
-77.5°	137.1	95.2	67.8	47.0	28.7	12.5	0.0
-80°	96.0	73.2	54.5	37.8	23.1	10.1	0.0
-82.5°	70.7	55.2	41.1	28.5	17.4	7.6	0.0
-85°	47.3	36.9	27.5	19.0	11.6	5.1	0.0
-87.5°	23.7	18.5	13.8	9.5	5.8	2.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)