

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: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627883 (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-SA6C-735-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N145
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

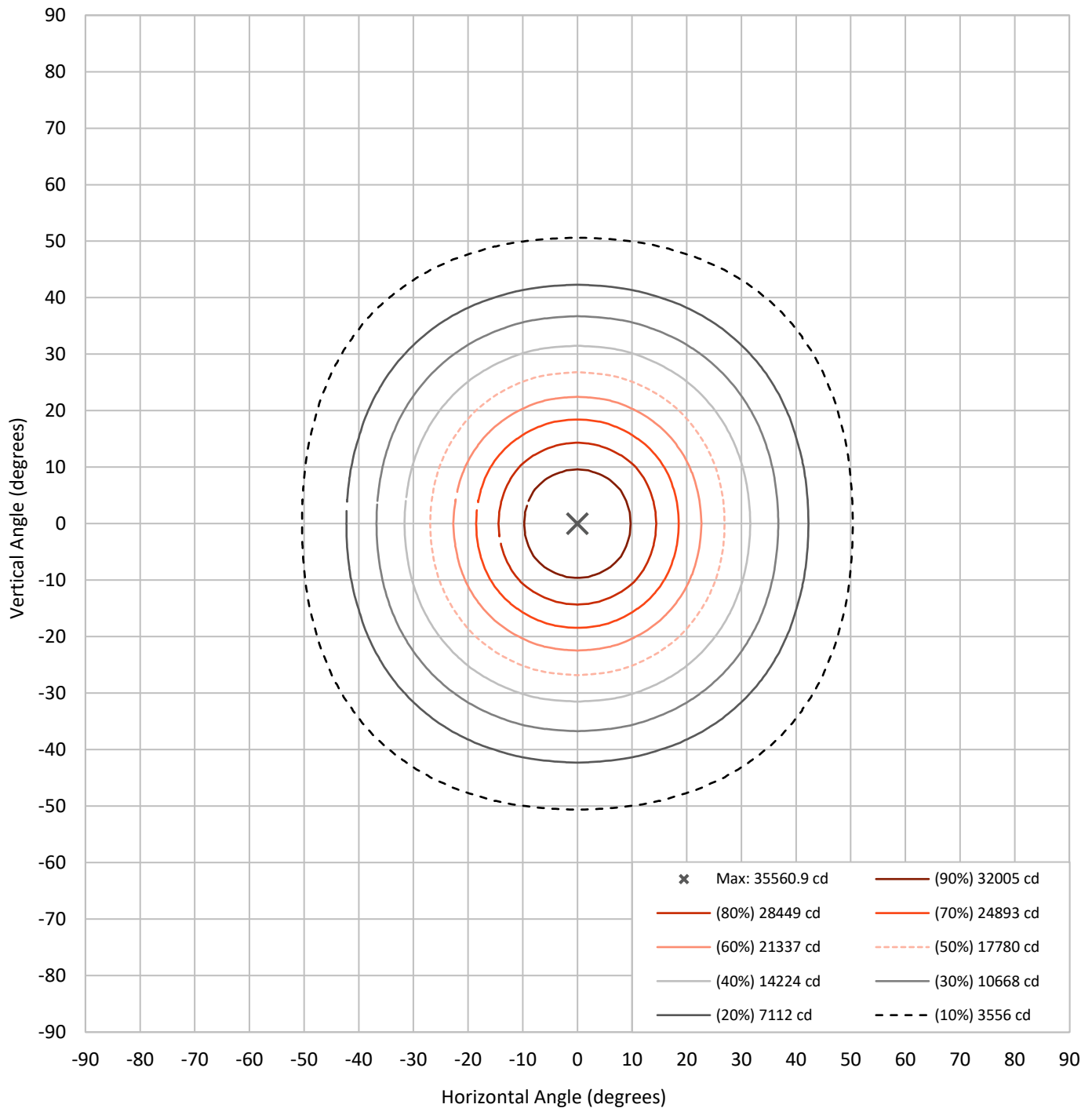
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36192.6 lumens	Max Intensity:	35560.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.2 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:	17305.1 lumens	Field Lumens:	31941.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





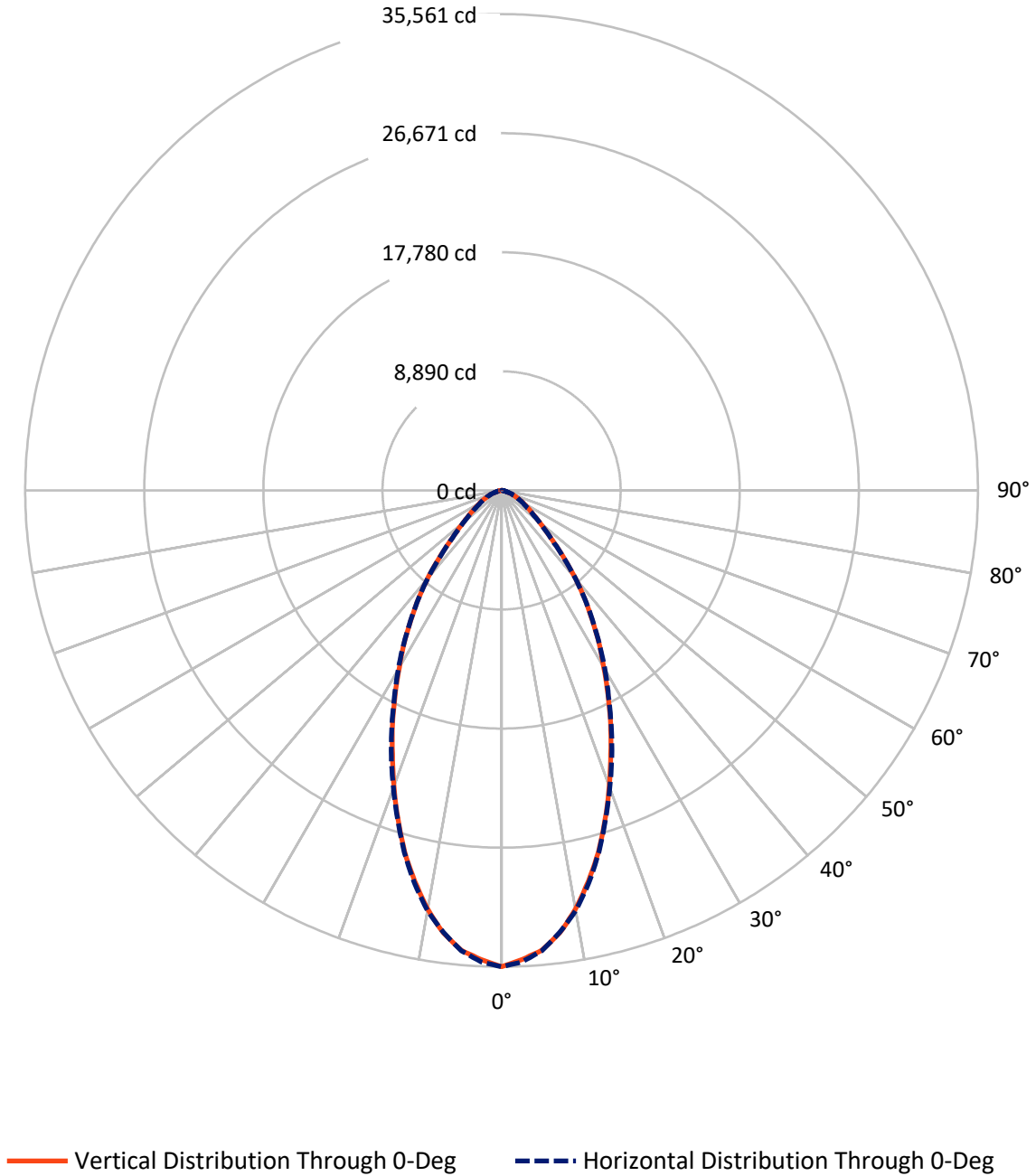
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Lumen Table

90																			
80	1.4	10.0		22.8		37.9		32.4		37.9		22.8		10.0		1.4			
70	4.7	5.5	10.4	16.6	24.1	31.3	36.8	39.4	39.4	36.8	31.3	24.1	16.6	10.4	5.5	4.7			
60		7.8	15.7	27.2	41.7	57.3	71.5	79.7	79.7	71.5	57.3	41.7	27.2	15.7	7.8				
50	6.9	10.0	21.7	40.5	68.3	105.1	144.8	171.4	171.4	144.8	105.1	68.3	40.5	21.7	10.0	6.9			
40		12.1	28.4	58.9	114.7	203.7	295.9	351.0	351.0	295.9	203.7	114.7	58.9	28.4	12.1				
30	8.2	14.1	35.4	82.5	185.4	333.3	477.0	570.2	570.2	477.0	333.3	185.4	82.5	35.4	14.1	8.2			
20		15.7	41.5	107.0	253.1	450.1	664.6	817.6	817.6	664.6	450.1	253.1	107.0	41.5	15.7				
10	8.6	16.5	45.0	122.9	291.4	523.3	796.3	1001.5	1001.5	796.3	523.3	291.4	122.9	45.0	16.5	8.6			
0		16.5	45.0	122.9	291.4	523.3	796.3	1001.5	1001.5	796.3	523.3	291.4	122.9	45.0	16.5				
-10	8.2	15.7	41.5	107.0	253.1	450.1	664.6	817.6	817.6	664.6	450.1	253.1	107.0	41.5	15.7	8.2			
-20		14.1	35.4	82.5	185.4	333.3	477.0	570.2	570.2	477.0	333.3	185.4	82.5	35.4	14.1				
-30	6.9	12.1	28.4	58.9	114.7	203.7	295.9	351.0	351.0	295.9	203.7	114.7	58.9	28.4	12.1	6.9			
-40		10.0	21.7	40.5	68.3	105.1	144.8	171.4	171.4	144.8	105.1	68.3	40.5	21.7	10.0				
-50	4.7	7.8	15.7	27.2	41.7	57.3	71.5	79.7	79.7	71.5	57.3	41.7	27.2	15.7	7.8	4.7			
-60		5.5	10.4	16.6	24.1	31.3	36.8	39.4	39.4	36.8	31.3	24.1	16.6	10.4	5.5				
-70	1.4	10.0		22.8		37.9		32.4		37.9		22.8		10.0		1.4			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

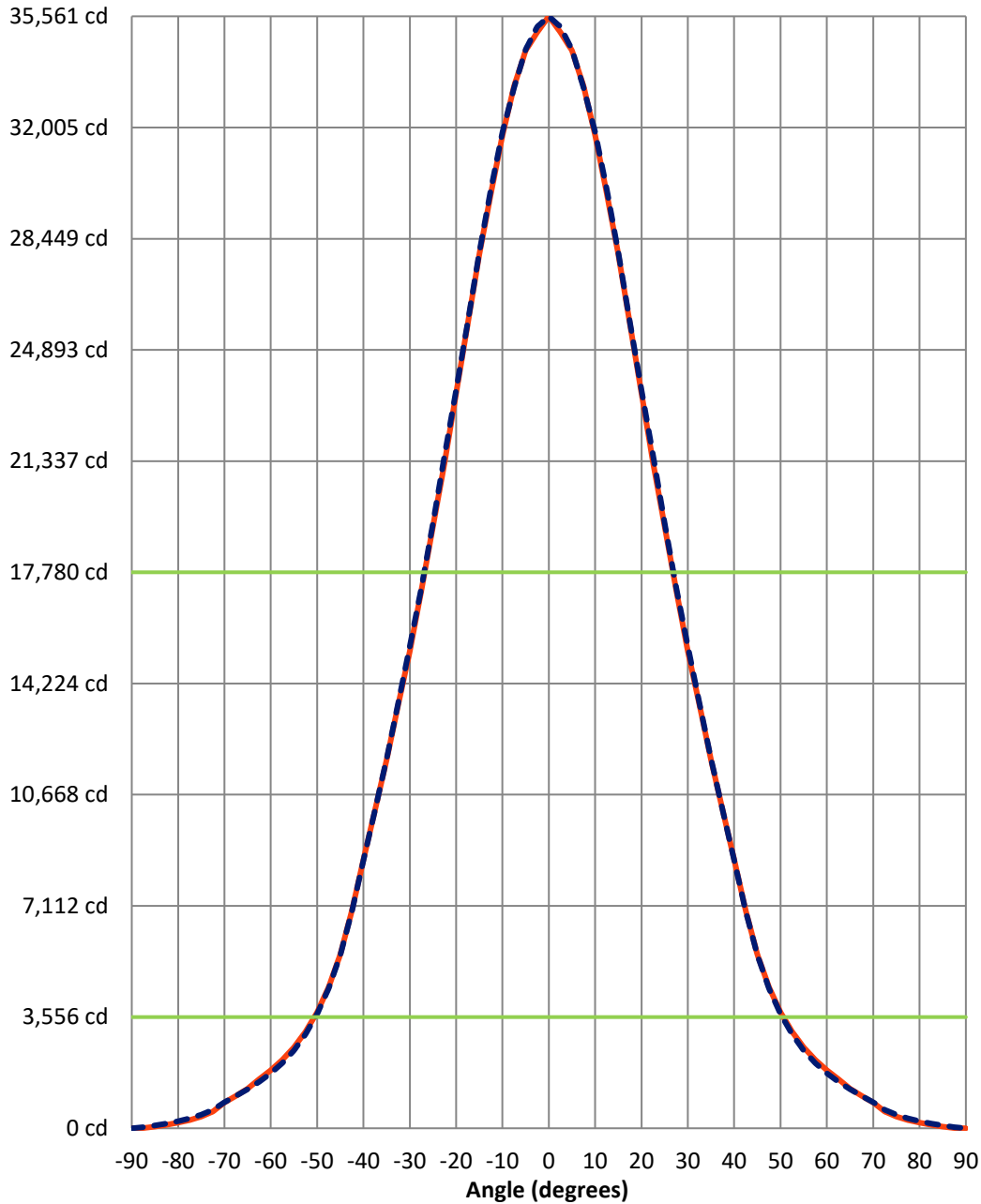
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 17305.1
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 31941.3
 Efficiency: 88.3%

Spill:
 Lumens: 4251.4
 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	1.8	4.2	6.8	9.8	13.2	16.9	18.7	20.2	21.4	22.3
85°	0.0	3.6	8.3	13.6	19.6	26.3	33.7	37.4	40.4	42.8	44.7
82.5°	0.0	5.4	12.4	20.3	29.3	39.3	50.4	56.1	61.8	71.7	80.4
80°	0.0	7.2	16.5	27.0	38.9	52.2	68.5	85.1	99.6	112.5	124.0
77.5°	0.0	8.9	20.5	33.6	48.4	67.9	97.8	119.3	137.3	153.4	169.4
75°	0.0	10.7	24.5	40.1	58.6	88.8	126.3	153.4	175.0	196.8	220.3
72.5°	0.0	12.4	28.4	46.4	72.6	109.1	153.8	186.9	212.8	240.7	270.4
70°	0.0	14.1	32.1	53.0	86.1	128.5	179.9	218.4	250.0	283.8	323.5
67.5°	0.0	15.7	35.8	61.3	99.0	147.1	202.6	249.3	286.4	328.4	376.0
65°	0.0	17.3	39.4	69.2	111.3	164.2	224.2	279.5	322.3	371.3	425.7
62.5°	0.0	18.8	42.8	76.6	122.9	179.8	244.6	308.2	356.9	412.5	471.9
60°	0.0	20.3	46.1	83.7	133.7	194.4	263.6	335.4	389.7	452.3	516.8
57.5°	0.0	21.8	50.1	90.2	143.7	208.1	280.9	359.9	423.0	490.8	558.1
55°	0.0	23.1	53.9	96.3	153.1	220.6	296.8	379.3	455.6	527.7	597.6
52.5°	0.0	24.5	57.6	101.8	161.7	232.1	311.4	400.6	486.8	562.9	636.3
50°	0.0	25.7	61.1	106.8	169.5	242.7	324.6	420.5	517.0	597.1	678.6
47.5°	0.0	26.9	64.5	111.4	176.4	252.3	336.9	438.7	546.7	630.5	720.2
45°	0.0	28.0	67.7	116.0	182.6	260.7	350.7	455.0	568.1	666.6	760.4
42.5°	0.0	29.1	70.7	120.0	187.9	268.1	363.0	470.9	587.6	701.3	802.2
40°	0.0	30.1	73.5	124.4	192.7	274.3	373.7	486.5	607.0	733.7	842.5
37.5°	0.0	31.0	76.2	128.8	196.9	279.3	382.9	500.5	628.1	759.2	880.7
35°	0.0	31.8	78.6	133.0	200.4	285.1	390.6	513.0	648.4	787.3	919.8
32.5°	0.0	32.5	80.9	136.7	203.1	290.5	397.6	524.0	667.8	815.8	959.8
30°	0.0	33.2	82.9	140.1	204.9	294.7	405.5	534.6	686.0	844.6	997.6
27.5°	0.0	33.8	84.7	143.1	209.3	297.7	411.9	547.9	705.1	873.4	1032.8
25°	0.0	34.3	86.3	145.7	213.5	299.5	416.8	559.8	726.4	901.7	1065.9
22.5°	0.0	34.7	87.7	147.9	217.2	301.8	420.3	570.2	746.8	927.7	1101.9
20°	0.0	35.1	88.9	149.7	220.4	307.3	422.4	579.0	765.9	951.0	1134.2
17.5°	0.0	35.4	89.9	151.2	223.1	311.8	427.1	586.1	783.5	971.6	1162.6
15°	0.0	35.6	90.6	152.2	225.2	315.3	432.8	592.9	799.3	989.4	1187.0
12.5°	0.0	35.7	91.1	152.9	226.8	317.9	436.9	598.9	812.8	1004.2	1207.4
10°	0.0	35.7	91.4	153.2	227.8	319.5	439.5	602.3	823.2	1016.5	1223.8
7.5°	0.0	35.7	91.5	153.2	228.3	320.2	440.5	603.0	830.5	1026.1	1236.6
5°	0.0	35.6	91.4	152.7	228.1	319.9	440.1	601.2	834.5	1032.5	1245.1
2.5°	0.0	35.4	91.1	151.9	227.5	318.8	438.1	597.0	835.1	1035.8	1249.3
0°	0.0	35.2	90.5	150.8	226.2	316.7	434.8	590.6	831.9	1035.5	1249.1
-2.5°	0.0	35.4	91.1	151.9	227.5	318.8	438.1	597.0	835.1	1035.8	1249.3
-5°	0.0	35.6	91.4	152.7	228.1	319.9	440.1	601.2	834.5	1032.5	1245.1
-7.5°	0.0	35.7	91.5	153.2	228.3	320.2	440.5	603.0	830.5	1026.1	1236.6
-10°	0.0	35.7	91.4	153.2	227.8	319.5	439.5	602.3	823.2	1016.5	1223.8
-12.5°	0.0	35.7	91.1	152.9	226.8	317.9	436.9	598.9	812.8	1004.2	1207.4
-15°	0.0	35.6	90.6	152.2	225.2	315.3	432.8	592.9	799.3	989.4	1187.0
-17.5°	0.0	35.4	89.9	151.2	223.1	311.8	427.1	586.1	783.5	971.6	1162.6
-20°	0.0	35.1	88.9	149.7	220.4	307.3	422.4	579.0	765.9	951.0	1134.2

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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	34.7	87.7	147.9	217.2	301.8	420.3	570.2	746.8	927.7	1101.9
-25°	0.0	34.3	86.3	145.7	213.5	299.5	416.8	559.8	726.4	901.7	1065.9
-27.5°	0.0	33.8	84.7	143.1	209.3	297.7	411.9	547.9	705.1	873.4	1032.8
-30°	0.0	33.2	82.9	140.1	204.9	294.7	405.5	534.6	686.0	844.6	997.6
-32.5°	0.0	32.5	80.9	136.7	203.1	290.5	397.6	524.0	667.8	815.8	959.8
-35°	0.0	31.8	78.6	133.0	200.4	285.1	390.6	513.0	648.4	787.3	919.8
-37.5°	0.0	31.0	76.2	128.8	196.9	279.3	382.9	500.5	628.1	759.2	880.7
-40°	0.0	30.1	73.5	124.4	192.7	274.3	373.7	486.5	607.0	733.7	842.5
-42.5°	0.0	29.1	70.7	120.0	187.9	268.1	363.0	470.9	587.6	701.3	802.2
-45°	0.0	28.0	67.7	116.0	182.6	260.7	350.7	455.0	568.1	666.6	760.4
-47.5°	0.0	26.9	64.5	111.4	176.4	252.3	336.9	438.7	546.7	630.5	720.2
-50°	0.0	25.7	61.1	106.8	169.5	242.7	324.6	420.5	517.0	597.1	678.6
-52.5°	0.0	24.5	57.6	101.8	161.7	232.1	311.4	400.6	486.8	562.9	636.3
-55°	0.0	23.1	53.9	96.3	153.1	220.6	296.8	379.3	455.6	527.7	597.6
-57.5°	0.0	21.8	50.1	90.2	143.7	208.1	280.9	359.9	423.0	490.8	558.1
-60°	0.0	20.3	46.1	83.7	133.7	194.4	263.6	335.4	389.7	452.3	516.8
-62.5°	0.0	18.8	42.8	76.6	122.9	179.8	244.6	308.2	356.9	412.5	471.9
-65°	0.0	17.3	39.4	69.2	111.3	164.2	224.2	279.5	322.3	371.3	425.7
-67.5°	0.0	15.7	35.8	61.3	99.0	147.1	202.6	249.3	286.4	328.4	376.0
-70°	0.0	14.1	32.1	53.0	86.1	128.5	179.9	218.4	250.0	283.8	323.5
-72.5°	0.0	12.4	28.4	46.4	72.6	109.1	153.8	186.9	212.8	240.7	270.4
-75°	0.0	10.7	24.5	40.1	58.6	88.8	126.3	153.4	175.0	196.8	220.3
-77.5°	0.0	8.9	20.5	33.6	48.4	67.9	97.8	119.3	137.3	153.4	169.4
-80°	0.0	7.2	16.5	27.0	38.9	52.2	68.5	85.1	99.6	112.5	124.0
-82.5°	0.0	5.4	12.4	20.3	29.3	39.3	50.4	56.1	61.8	71.7	80.4
-85°	0.0	3.6	8.3	13.6	19.6	26.3	33.7	37.4	40.4	42.8	44.7
-87.5°	0.0	1.8	4.2	6.8	9.8	13.2	16.9	18.7	20.2	21.4	22.3
-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°	22.6	22.6	22.3	21.6	20.7	19.4	17.8	16.0	16.7	17.3	17.9
85°	45.4	45.3	49.1	52.5	54.2	54.4	53.3	51.0	57.6	65.2	73.3
82.5°	88.5	96.1	103.4	110.2	110.9	109.1	105.8	101.9	115.3	131.6	148.6
80°	135.6	146.9	160.0	172.1	175.0	173.8	170.0	163.8	181.5	206.6	233.7
77.5°	188.2	206.2	222.9	238.3	242.8	242.1	239.3	234.3	256.9	291.6	327.7
75°	243.7	265.4	287.0	305.9	314.1	314.7	313.8	319.1	348.8	389.4	425.3
72.5°	301.5	329.2	353.5	374.4	387.4	397.4	410.5	426.7	456.6	496.6	531.7
70°	362.7	393.4	419.1	442.2	462.1	483.8	511.7	539.3	570.8	610.7	647.2
67.5°	423.0	454.2	483.1	511.6	547.9	582.7	617.3	653.4	693.2	735.0	772.0
65°	478.9	514.2	549.5	590.8	638.0	677.4	720.1	767.0	819.2	866.2	909.1
62.5°	532.6	572.3	616.0	665.9	717.0	766.4	823.7	883.9	944.9	1004.0	1062.6
60°	577.9	627.4	680.4	736.8	795.8	863.0	930.1	1001.8	1074.7	1145.8	1218.3
57.5°	621.5	682.7	743.7	809.4	883.0	959.8	1040.5	1121.2	1208.3	1294.3	1376.6
55°	666.7	738.7	808.3	886.1	970.4	1060.7	1151.8	1249.6	1345.8	1454.1	1554.1
52.5°	715.0	793.4	875.2	964.2	1062.7	1164.5	1271.2	1383.4	1503.2	1623.6	1745.7
50°	762.1	850.5	941.5	1048.0	1158.2	1274.4	1397.7	1528.5	1667.8	1807.2	1955.0
47.5°	811.4	905.8	1016.9	1132.5	1258.7	1391.1	1530.7	1686.1	1841.0	2016.5	2186.0
45°	860.0	968.5	1089.1	1223.5	1362.0	1511.1	1677.1	1847.8	2045.5	2243.8	2466.5
42.5°	906.7	1031.8	1167.9	1311.5	1469.2	1640.5	1824.2	2038.9	2261.8	2507.2	2768.6
40°	960.3	1092.2	1245.6	1406.2	1577.0	1772.8	1993.8	2232.2	2504.1	2794.9	3091.9
37.5°	1012.2	1160.5	1322.2	1496.4	1694.7	1915.2	2159.3	2451.4	2765.2	3095.7	3499.8
35°	1061.0	1225.5	1401.1	1592.0	1806.7	2062.2	2354.2	2677.0	3038.6	3464.9	3936.4
32.5°	1112.8	1287.0	1475.6	1689.7	1932.8	2211.9	2543.5	2923.6	3351.4	3836.9	4426.8
30°	1164.9	1350.2	1549.6	1781.3	2051.7	2374.7	2751.5	3171.5	3663.7	4272.6	4965.2
27.5°	1213.2	1409.4	1627.8	1878.3	2167.4	2524.8	2951.4	3443.7	4023.6	4711.7	5520.7
25°	1257.5	1463.2	1699.6	1970.8	2294.9	2687.0	3149.4	3694.7	4383.7	5204.2	6199.5
22.5°	1299.8	1512.4	1764.6	2053.8	2409.8	2843.9	3364.3	3988.2	4749.9	5670.8	6864.3
20°	1339.4	1565.4	1829.1	2133.3	2512.4	2985.5	3561.9	4262.3	5129.1	6219.2	7516.3
17.5°	1374.3	1612.2	1890.1	2219.3	2626.9	3129.5	3748.3	4504.4	5466.6	6709.0	8117.9
15°	1404.2	1652.6	1942.9	2293.7	2729.9	3272.6	3943.9	4769.7	5818.7	7154.4	8646.2
12.5°	1429.2	1686.4	1987.3	2356.3	2816.5	3393.5	4111.0	5006.2	6161.6	7573.9	9109.9
10°	1449.0	1713.5	2023.0	2406.9	2886.3	3491.8	4248.6	5199.7	6446.9	7933.5	9502.3
7.5°	1465.6	1734.6	2050.4	2445.2	2939.2	3566.8	4355.8	5349.0	6670.0	8218.3	9803.3
5°	1477.4	1749.8	2071.2	2472.1	2977.9	3619.1	4430.7	5453.4	6828.6	8424.6	10009.2
2.5°	1484.0	1758.0	2083.1	2486.4	3001.7	3648.8	4470.1	5518.9	6915.8	8542.4	10133.7
0°	1485.4	1759.3	2086.0	2488.2	3008.4	3654.4	4476.2	5539.3	6934.2	8572.9	10178.9
-2.5°	1484.0	1758.0	2083.1	2486.4	3001.7	3648.8	4470.1	5518.9	6915.8	8542.4	10133.7
-5°	1477.4	1749.8	2071.2	2472.1	2977.9	3619.1	4430.7	5453.4	6828.6	8424.6	10009.2
-7.5°	1465.6	1734.6	2050.4	2445.2	2939.2	3566.8	4355.8	5349.0	6670.0	8218.3	9803.3
-10°	1449.0	1713.5	2023.0	2406.9	2886.3	3491.8	4248.6	5199.7	6446.9	7933.5	9502.3
-12.5°	1429.2	1686.4	1987.3	2356.3	2816.5	3393.5	4111.0	5006.2	6161.6	7573.9	9109.9
-15°	1404.2	1652.6	1942.9	2293.7	2729.9	3272.6	3943.9	4769.7	5818.7	7154.4	8646.2
-17.5°	1374.3	1612.2	1890.1	2219.3	2626.9	3129.5	3748.3	4504.4	5466.6	6709.0	8117.9
-20°	1339.4	1565.4	1829.1	2133.3	2512.4	2985.5	3561.9	4262.3	5129.1	6219.2	7516.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	1299.8	1512.4	1764.6	2053.8	2409.8	2843.9	3364.3	3988.2	4749.9	5670.8	6864.3
-25°	1257.5	1463.2	1699.6	1970.8	2294.9	2687.0	3149.4	3694.7	4383.7	5204.2	6199.5
-27.5°	1213.2	1409.4	1627.8	1878.3	2167.4	2524.8	2951.4	3443.7	4023.6	4711.7	5520.7
-30°	1164.9	1350.2	1549.6	1781.3	2051.7	2374.7	2751.5	3171.5	3663.7	4272.6	4965.2
-32.5°	1112.8	1287.0	1475.6	1689.7	1932.8	2211.9	2543.5	2923.6	3351.4	3836.9	4426.8
-35°	1061.0	1225.5	1401.1	1592.0	1806.7	2062.2	2354.2	2677.0	3038.6	3464.9	3936.4
-37.5°	1012.2	1160.5	1322.2	1496.4	1694.7	1915.2	2159.3	2451.4	2765.2	3095.7	3499.8
-40°	960.3	1092.2	1245.6	1406.2	1577.0	1772.8	1993.8	2232.2	2504.1	2794.9	3091.9
-42.5°	906.7	1031.8	1167.9	1311.5	1469.2	1640.5	1824.2	2038.9	2261.8	2507.2	2768.6
-45°	860.0	968.5	1089.1	1223.5	1362.0	1511.1	1677.1	1847.8	2045.5	2243.8	2466.5
-47.5°	811.4	905.8	1016.9	1132.5	1258.7	1391.1	1530.7	1686.1	1841.0	2016.5	2186.0
-50°	762.1	850.5	941.5	1048.0	1158.2	1274.4	1397.7	1528.5	1667.8	1807.2	1955.0
-52.5°	715.0	793.4	875.2	964.2	1062.7	1164.5	1271.2	1383.4	1503.2	1623.6	1745.7
-55°	666.7	738.7	808.3	886.1	970.4	1060.7	1151.8	1249.6	1345.8	1454.1	1554.1
-57.5°	621.5	682.7	743.7	809.4	883.0	959.8	1040.5	1121.2	1208.3	1294.3	1376.6
-60°	577.9	627.4	680.4	736.8	795.8	863.0	930.1	1001.8	1074.7	1145.8	1218.3
-62.5°	532.6	572.3	616.0	665.9	717.0	766.4	823.7	883.9	944.9	1004.0	1062.6
-65°	478.9	514.2	549.5	590.8	638.0	677.4	720.1	767.0	819.2	866.2	909.1
-67.5°	423.0	454.2	483.1	511.6	547.9	582.7	617.3	653.4	693.2	735.0	772.0
-70°	362.7	393.4	419.1	442.2	462.1	483.8	511.7	539.3	570.8	610.7	647.2
-72.5°	301.5	329.2	353.5	374.4	387.4	397.4	410.5	426.7	456.6	496.6	531.7
-75°	243.7	265.4	287.0	305.9	314.1	314.7	313.8	319.1	348.8	389.4	425.3
-77.5°	188.2	206.2	222.9	238.3	242.8	242.1	239.3	234.3	256.9	291.6	327.7
-80°	135.6	146.9	160.0	172.1	175.0	173.8	170.0	163.8	181.5	206.6	233.7
-82.5°	88.5	96.1	103.4	110.2	110.9	109.1	105.8	101.9	115.3	131.6	148.6
-85°	45.4	45.3	49.1	52.5	54.2	54.4	53.3	51.0	57.6	65.2	73.3
-87.5°	22.6	22.6	22.3	21.6	20.7	19.4	17.8	16.0	16.7	17.3	17.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	18.5	18.0	17.4	16.7	16.0	15.7	15.4	15.0	14.6	13.5	12.4
85°	81.7	83.5	84.6	85.0	85.0	87.8	90.3	92.6	94.7	85.8	76.1
82.5°	166.2	174.0	180.8	187.6	194.3	199.0	202.5	205.0	206.7	187.1	165.1
80°	261.6	278.0	291.5	304.6	317.0	320.1	320.0	318.2	314.8	288.0	257.7
77.5°	363.9	385.3	402.3	419.2	435.8	441.9	444.9	447.1	448.7	415.5	374.7
75°	456.6	482.1	506.0	528.1	548.5	559.3	565.7	570.9	575.0	541.7	497.9
72.5°	562.3	589.4	615.2	639.7	661.3	675.7	685.0	692.7	698.8	679.8	652.4
70°	678.6	706.6	733.9	759.4	783.8	803.1	818.3	831.3	842.2	844.3	843.3
67.5°	807.7	840.8	873.2	901.0	930.0	957.2	981.1	1001.0	1017.0	1027.4	1033.3
65°	952.6	1002.3	1046.6	1084.1	1115.5	1151.8	1183.8	1208.3	1225.6	1238.7	1249.9
62.5°	1123.3	1183.6	1234.2	1284.2	1335.9	1386.0	1417.4	1448.8	1479.6	1508.6	1533.4
60°	1287.7	1353.8	1422.3	1486.2	1545.3	1599.7	1656.0	1705.8	1749.5	1786.0	1813.2
57.5°	1462.9	1543.3	1621.2	1702.3	1778.6	1849.8	1919.3	1983.5	2039.0	2085.6	2123.8
55°	1652.9	1751.3	1844.0	1946.9	2046.7	2137.7	2221.5	2307.4	2384.7	2452.8	2506.9
52.5°	1857.8	1985.8	2108.4	2229.3	2358.7	2475.4	2580.0	2699.0	2804.6	2891.8	2959.8
50°	2102.5	2252.8	2414.8	2564.7	2727.8	2888.5	3036.7	3180.2	3320.5	3441.9	3540.1
47.5°	2381.1	2566.2	2766.8	2965.4	3168.0	3387.6	3583.7	3765.8	3962.0	4132.4	4269.1
45°	2690.9	2926.8	3169.1	3448.2	3705.5	3987.7	4248.8	4483.4	4761.7	5006.8	5204.2
42.5°	3034.5	3348.7	3667.3	4019.0	4360.2	4718.5	5099.1	5436.6	5805.7	6157.6	6441.9
40°	3460.4	3836.1	4262.7	4688.4	5178.2	5638.3	6192.6	6696.4	7153.9	7573.5	7917.3
37.5°	3933.6	4417.3	4953.3	5507.7	6177.9	6834.8	7483.7	8096.3	8637.2	9096.4	9481.6
35°	4470.9	5085.4	5734.7	6544.1	7329.3	8116.0	8849.0	9518.6	10106.8	10624.9	11065.5
32.5°	5088.9	5826.4	6735.4	7644.6	8540.3	9406.6	10211.3	10941.5	11586.7	12168.4	12675.0
30°	5738.6	6745.0	7765.1	8762.6	9740.9	10689.7	11572.8	12377.2	13106.2	13753.8	14337.5
27.5°	6564.3	7679.5	8791.9	9867.2	10943.5	11981.8	12938.9	13832.5	14669.0	15401.0	16068.2
25°	7362.9	8594.8	9777.4	10949.9	12121.4	13236.2	14306.4	15315.7	16273.8	17113.8	17858.7
22.5°	8161.3	9450.9	10714.6	11975.3	13233.6	14476.6	15678.2	16834.5	17905.9	18862.5	19701.0
20°	8900.9	10248.9	11600.3	12959.4	14323.4	15683.9	17033.5	18334.8	19528.4	20632.8	21603.3
17.5°	9563.9	10997.6	12430.2	13884.0	15362.7	16839.8	18339.0	19797.8	21162.3	22418.9	23544.7
15°	10151.0	11647.0	13185.7	14754.4	16342.3	17946.4	19582.3	21214.5	22750.6	24177.8	25434.7
12.5°	10664.4	12219.6	13832.3	15499.2	17222.5	18970.1	20755.5	22544.6	24245.1	25892.8	27249.9
10°	11087.9	12706.7	14392.3	16143.7	17961.1	19842.0	21757.4	23683.3	25556.7	27304.7	28856.7
7.5°	11415.0	13094.4	14831.4	16653.0	18559.7	20543.1	22572.2	24615.9	26615.1	28498.6	30215.9
5°	11645.8	13376.7	15135.5	17030.3	19003.2	21058.6	23167.5	25297.3	27387.3	29367.6	31147.4
2.5°	11779.8	13546.2	15312.5	17259.6	19267.0	21370.6	23536.6	25701.4	27846.6	29900.6	31729.4
0°	11815.1	13597.0	15414.1	17284.1	19350.0	21516.5	23605.0	25776.5	28005.8	30031.6	31853.7
-2.5°	11779.8	13546.2	15312.5	17259.6	19267.0	21370.6	23536.6	25701.4	27846.6	29900.6	31729.4
-5°	11645.8	13376.7	15135.5	17030.3	19003.2	21058.6	23167.5	25297.3	27387.3	29367.6	31147.4
-7.5°	11415.0	13094.4	14831.4	16653.0	18559.7	20543.1	22572.2	24615.9	26615.1	28498.6	30215.9
-10°	11087.9	12706.7	14392.3	16143.7	17961.1	19842.0	21757.4	23683.3	25556.7	27304.7	28856.7
-12.5°	10664.4	12219.6	13832.3	15499.2	17222.5	18970.1	20755.5	22544.6	24245.1	25892.8	27249.9
-15°	10151.0	11647.0	13185.7	14754.4	16342.3	17946.4	19582.3	21214.5	22750.6	24177.8	25434.7
-17.5°	9563.9	10997.6	12430.2	13884.0	15362.7	16839.8	18339.0	19797.8	21162.3	22418.9	23544.7
-20°	8900.9	10248.9	11600.3	12959.4	14323.4	15683.9	17033.5	18334.8	19528.4	20632.8	21603.3



REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8161.3	9450.9	10714.6	11975.3	13233.6	14476.6	15678.2	16834.5	17905.9	18862.5	19701.0
-25°	7362.9	8594.8	9777.4	10949.9	12121.4	13236.2	14306.4	15315.7	16273.8	17113.8	17858.7
-27.5°	6564.3	7679.5	8791.9	9867.2	10943.5	11981.8	12938.9	13832.5	14669.0	15401.0	16068.2
-30°	5738.6	6745.0	7765.1	8762.6	9740.9	10689.7	11572.8	12377.2	13106.2	13753.8	14337.5
-32.5°	5088.9	5826.4	6735.4	7644.6	8540.3	9406.6	10211.3	10941.5	11586.7	12168.4	12675.0
-35°	4470.9	5085.4	5734.7	6544.1	7329.3	8116.0	8849.0	9518.6	10106.8	10624.9	11065.5
-37.5°	3933.6	4417.3	4953.3	5507.7	6177.9	6834.8	7483.7	8096.3	8637.2	9096.4	9481.6
-40°	3460.4	3836.1	4262.7	4688.4	5178.2	5638.3	6192.6	6696.4	7153.9	7573.5	7917.3
-42.5°	3034.5	3348.7	3667.3	4019.0	4360.2	4718.5	5099.1	5436.6	5805.7	6157.6	6441.9
-45°	2690.9	2926.8	3169.1	3448.2	3705.5	3987.7	4248.8	4483.4	4761.7	5006.8	5204.2
-47.5°	2381.1	2566.2	2766.8	2965.4	3168.0	3387.6	3583.7	3765.8	3962.0	4132.4	4269.1
-50°	2102.5	2252.8	2414.8	2564.7	2727.8	2888.5	3036.7	3180.2	3320.5	3441.9	3540.1
-52.5°	1857.8	1985.8	2108.4	2229.3	2358.7	2475.4	2580.0	2699.0	2804.6	2891.8	2959.8
-55°	1652.9	1751.3	1844.0	1946.9	2046.7	2137.7	2221.5	2307.4	2384.7	2452.8	2506.9
-57.5°	1462.9	1543.3	1621.2	1702.3	1778.6	1849.8	1919.3	1983.5	2039.0	2085.6	2123.8
-60°	1287.7	1353.8	1422.3	1486.2	1545.3	1599.7	1656.0	1705.8	1749.5	1786.0	1813.2
-62.5°	1123.3	1183.6	1234.2	1284.2	1335.9	1386.0	1417.4	1448.8	1479.6	1508.6	1533.4
-65°	952.6	1002.3	1046.6	1084.1	1115.5	1151.8	1183.8	1208.3	1225.6	1238.7	1249.9
-67.5°	807.7	840.8	873.2	901.0	930.0	957.2	981.1	1001.0	1017.0	1027.4	1033.3
-70°	678.6	706.6	733.9	759.4	783.8	803.1	818.3	831.3	842.2	844.3	843.3
-72.5°	562.3	589.4	615.2	639.7	661.3	675.7	685.0	692.7	698.8	679.8	652.4
-75°	456.6	482.1	506.0	528.1	548.5	559.3	565.7	570.9	575.0	541.7	497.9
-77.5°	363.9	385.3	402.3	419.2	435.8	441.9	444.9	447.1	448.7	415.5	374.7
-80°	261.6	278.0	291.5	304.6	317.0	320.1	320.0	318.2	314.8	288.0	257.7
-82.5°	166.2	174.0	180.8	187.6	194.3	199.0	202.5	205.0	206.7	187.1	165.1
-85°	81.7	83.5	84.6	85.0	85.0	87.8	90.3	92.6	94.7	85.8	76.1
-87.5°	18.5	18.0	17.4	16.7	16.0	15.7	15.4	15.0	14.6	13.5	12.4
-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: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	11.3	10.1	8.8	7.5	8.8	10.1	11.3	12.4	13.5	14.6	15.0
85°	65.8	55.0	54.0	52.8	54.0	55.0	65.8	76.1	85.8	94.7	92.6
82.5°	141.9	117.8	114.2	110.6	114.2	117.8	141.9	165.1	187.1	206.7	205.0
80°	226.1	193.4	187.1	181.0	187.1	193.4	226.1	257.7	288.0	314.8	318.2
77.5°	331.7	286.9	273.8	261.4	273.8	286.9	331.7	374.7	415.5	448.7	447.1
75°	452.4	405.3	389.4	374.5	389.4	405.3	452.4	497.9	541.7	575.0	570.9
72.5°	624.8	596.1	567.1	535.3	567.1	596.1	624.8	652.4	679.8	698.8	692.7
70°	842.4	840.4	833.1	821.9	833.1	840.4	842.4	843.3	844.3	842.2	831.3
67.5°	1035.8	1035.0	1037.5	1038.0	1037.5	1035.0	1035.8	1033.3	1027.4	1017.0	1001.0
65°	1256.8	1259.2	1264.4	1266.7	1264.4	1259.2	1256.8	1249.9	1238.7	1225.6	1208.3
62.5°	1552.4	1565.3	1571.6	1570.8	1571.6	1565.3	1552.4	1533.4	1508.6	1479.6	1448.8
60°	1833.5	1846.9	1855.2	1857.3	1855.2	1846.9	1833.5	1813.2	1786.0	1749.5	1705.8
57.5°	2154.0	2175.8	2187.4	2189.1	2187.4	2175.8	2154.0	2123.8	2085.6	2039.0	1983.5
55°	2548.3	2577.2	2590.2	2588.7	2590.2	2577.2	2548.3	2506.9	2452.8	2384.7	2307.4
52.5°	3011.2	3046.4	3072.9	3088.9	3072.9	3046.4	3011.2	2959.8	2891.8	2804.6	2699.0
50°	3613.8	3664.4	3696.5	3709.6	3696.5	3664.4	3613.8	3540.1	3441.9	3320.5	3180.2
47.5°	4367.8	4434.8	4484.4	4518.9	4484.4	4434.8	4367.8	4269.1	4132.4	3962.0	3765.8
45°	5350.0	5452.1	5521.4	5562.0	5521.4	5452.1	5350.0	5204.2	5006.8	4761.7	4483.4
42.5°	6664.0	6822.4	6919.6	6956.8	6919.6	6822.4	6664.0	6441.9	6157.6	5805.7	5436.6
40°	8188.9	8379.3	8504.2	8590.5	8504.2	8379.3	8188.9	7917.3	7573.5	7153.9	6696.4
37.5°	9777.3	9977.2	10098.8	10181.4	10098.8	9977.2	9777.3	9481.6	9096.4	8637.2	8096.3
35°	11397.6	11606.9	11721.0	11784.9	11721.0	11606.9	11397.6	11065.5	10624.9	10106.8	9518.6
32.5°	13061.2	13291.8	13415.9	13544.2	13415.9	13291.8	13061.2	12675.0	12168.4	11586.7	10941.5
30°	14798.7	15063.4	15193.2	15255.8	15193.2	15063.4	14798.7	14337.5	13753.8	13106.2	12377.2
27.5°	16606.6	16936.6	17099.2	17206.1	17099.2	16936.6	16606.6	16068.2	15401.0	14669.0	13832.5
25°	18487.8	18896.7	19082.9	19249.5	19082.9	18896.7	18487.8	17858.7	17113.8	16273.8	15315.7
22.5°	20439.7	20948.8	21164.4	21282.7	21164.4	20948.8	20439.7	19701.0	18862.5	17905.9	16834.5
20°	22442.4	23050.8	23350.3	23504.5	23350.3	23050.8	22442.4	21603.3	20632.8	19528.4	18334.8
17.5°	24490.4	25247.2	25634.8	25723.8	25634.8	25247.2	24490.4	23544.7	22418.9	21162.3	19797.8
15°	26500.9	27319.4	27777.7	27945.5	27777.7	27319.4	26500.9	25434.7	24177.8	22750.6	21214.5
12.5°	28404.9	29253.3	29800.8	29898.4	29800.8	29253.3	28404.9	27249.9	25892.8	24245.1	22544.6
10°	30131.8	31010.7	31615.4	31753.2	31615.4	31010.7	30131.8	28856.7	27304.7	25556.7	23683.3
7.5°	31575.4	32539.7	33207.8	33324.0	33207.8	32539.7	31575.4	30215.9	28498.6	26615.1	24615.9
5°	32631.6	33776.5	34324.9	34462.5	34324.9	33776.5	32631.6	31147.4	29367.6	27387.3	25297.3
2.5°	33211.0	34376.5	35138.7	35050.7	35138.7	34376.5	33211.0	31729.4	29900.6	27846.6	25701.4
0°	33276.3	34495.2	35224.1	35560.9	35224.1	34495.2	33276.3	31853.7	30031.6	28005.8	25776.5
-2.5°	33211.0	34376.5	35138.7	35050.7	35138.7	34376.5	33211.0	31729.4	29900.6	27846.6	25701.4
-5°	32631.6	33776.5	34324.9	34462.5	34324.9	33776.5	32631.6	31147.4	29367.6	27387.3	25297.3
-7.5°	31575.4	32539.7	33207.8	33324.0	33207.8	32539.7	31575.4	30215.9	28498.6	26615.1	24615.9
-10°	30131.8	31010.7	31615.4	31753.2	31615.4	31010.7	30131.8	28856.7	27304.7	25556.7	23683.3
-12.5°	28404.9	29253.3	29800.8	29898.4	29800.8	29253.3	28404.9	27249.9	25892.8	24245.1	22544.6
-15°	26500.9	27319.4	27777.7	27945.5	27777.7	27319.4	26500.9	25434.7	24177.8	22750.6	21214.5
-17.5°	24490.4	25247.2	25634.8	25723.8	25634.8	25247.2	24490.4	23544.7	22418.9	21162.3	19797.8
-20°	22442.4	23050.8	23350.3	23504.5	23350.3	23050.8	22442.4	21603.3	20632.8	19528.4	18334.8



REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	20439.7	20948.8	21164.4	21282.7	21164.4	20948.8	20439.7	19701.0	18862.5	17905.9	16834.5
-25°	18487.8	18896.7	19082.9	19249.5	19082.9	18896.7	18487.8	17858.7	17113.8	16273.8	15315.7
-27.5°	16606.6	16936.6	17099.2	17206.1	17099.2	16936.6	16606.6	16068.2	15401.0	14669.0	13832.5
-30°	14798.7	15063.4	15193.2	15255.8	15193.2	15063.4	14798.7	14337.5	13753.8	13106.2	12377.2
-32.5°	13061.2	13291.8	13415.9	13544.2	13415.9	13291.8	13061.2	12675.0	12168.4	11586.7	10941.5
-35°	11397.6	11606.9	11721.0	11784.9	11721.0	11606.9	11397.6	11065.5	10624.9	10106.8	9518.6
-37.5°	9777.3	9977.2	10098.8	10181.4	10098.8	9977.2	9777.3	9481.6	9096.4	8637.2	8096.3
-40°	8188.9	8379.3	8504.2	8590.5	8504.2	8379.3	8188.9	7917.3	7573.5	7153.9	6696.4
-42.5°	6664.0	6822.4	6919.6	6956.8	6919.6	6822.4	6664.0	6441.9	6157.6	5805.7	5436.6
-45°	5350.0	5452.1	5521.4	5562.0	5521.4	5452.1	5350.0	5204.2	5006.8	4761.7	4483.4
-47.5°	4367.8	4434.8	4484.4	4518.9	4484.4	4434.8	4367.8	4269.1	4132.4	3962.0	3765.8
-50°	3613.8	3664.4	3696.5	3709.6	3696.5	3664.4	3613.8	3540.1	3441.9	3320.5	3180.2
-52.5°	3011.2	3046.4	3072.9	3088.9	3072.9	3046.4	3011.2	2959.8	2891.8	2804.6	2699.0
-55°	2548.3	2577.2	2590.2	2588.7	2590.2	2577.2	2548.3	2506.9	2452.8	2384.7	2307.4
-57.5°	2154.0	2175.8	2187.4	2189.1	2187.4	2175.8	2154.0	2123.8	2085.6	2039.0	1983.5
-60°	1833.5	1846.9	1855.2	1857.3	1855.2	1846.9	1833.5	1813.2	1786.0	1749.5	1705.8
-62.5°	1552.4	1565.3	1571.6	1570.8	1571.6	1565.3	1552.4	1533.4	1508.6	1479.6	1448.8
-65°	1256.8	1259.2	1264.4	1266.7	1264.4	1259.2	1256.8	1249.9	1238.7	1225.6	1208.3
-67.5°	1035.8	1035.0	1037.5	1038.0	1037.5	1035.0	1035.8	1033.3	1027.4	1017.0	1001.0
-70°	842.4	840.4	833.1	821.9	833.1	840.4	842.4	843.3	844.3	842.2	831.3
-72.5°	624.8	596.1	567.1	535.3	567.1	596.1	624.8	652.4	679.8	698.8	692.7
-75°	452.4	405.3	389.4	374.5	389.4	405.3	452.4	497.9	541.7	575.0	570.9
-77.5°	331.7	286.9	273.8	261.4	273.8	286.9	331.7	374.7	415.5	448.7	447.1
-80°	226.1	193.4	187.1	181.0	187.1	193.4	226.1	257.7	288.0	314.8	318.2
-82.5°	141.9	117.8	114.2	110.6	114.2	117.8	141.9	165.1	187.1	206.7	205.0
-85°	65.8	55.0	54.0	52.8	54.0	55.0	65.8	76.1	85.8	94.7	92.6
-87.5°	11.3	10.1	8.8	7.5	8.8	10.1	11.3	12.4	13.5	14.6	15.0
-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: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	15.4	15.7	16.0	16.7	17.4	18.0	18.5	17.9	17.3	16.7	16.0
85°	90.3	87.8	85.0	85.0	84.6	83.5	81.7	73.3	65.2	57.6	51.0
82.5°	202.5	199.0	194.3	187.6	180.8	174.0	166.2	148.6	131.6	115.3	101.9
80°	320.0	320.1	317.0	304.6	291.5	278.0	261.6	233.7	206.6	181.5	163.8
77.5°	444.9	441.9	435.8	419.2	402.3	385.3	363.9	327.7	291.6	256.9	234.3
75°	565.7	559.3	548.5	528.1	506.0	482.1	456.6	425.3	389.4	348.8	319.1
72.5°	685.0	675.7	661.3	639.7	615.2	589.4	562.3	531.7	496.6	456.6	426.7
70°	818.3	803.1	783.8	759.4	733.9	706.6	678.6	647.2	610.7	570.8	539.3
67.5°	981.1	957.2	930.0	901.0	873.2	840.8	807.7	772.0	735.0	693.2	653.4
65°	1183.8	1151.8	1115.5	1084.1	1046.6	1002.3	952.6	909.1	866.2	819.2	767.0
62.5°	1417.4	1386.0	1335.9	1284.2	1234.2	1183.6	1123.3	1062.6	1004.0	944.9	883.9
60°	1656.0	1599.7	1545.3	1486.2	1422.3	1353.8	1287.7	1218.3	1145.8	1074.7	1001.8
57.5°	1919.3	1849.8	1778.6	1702.3	1621.2	1543.3	1462.9	1376.6	1294.3	1208.3	1121.2
55°	2221.5	2137.7	2046.7	1946.9	1844.0	1751.3	1652.9	1554.1	1454.1	1345.8	1249.6
52.5°	2580.0	2475.4	2358.7	2229.3	2108.4	1985.8	1857.8	1745.7	1623.6	1503.2	1383.4
50°	3036.7	2888.5	2727.8	2564.7	2414.8	2252.8	2102.5	1955.0	1807.2	1667.8	1528.5
47.5°	3583.7	3387.6	3168.0	2965.4	2766.8	2566.2	2381.1	2186.0	2016.5	1841.0	1686.1
45°	4248.8	3987.7	3705.5	3448.2	3169.1	2926.8	2690.9	2466.5	2243.8	2045.5	1847.8
42.5°	5099.1	4718.5	4360.2	4019.0	3667.3	3348.7	3034.5	2768.6	2507.2	2261.8	2038.9
40°	6192.6	5638.3	5178.2	4688.4	4262.7	3836.1	3460.4	3091.9	2794.9	2504.1	2232.2
37.5°	7483.7	6834.8	6177.9	5507.7	4953.3	4417.3	3933.6	3499.8	3095.7	2765.2	2451.4
35°	8849.0	8116.0	7329.3	6544.1	5734.7	5085.4	4470.9	3936.4	3464.9	3038.6	2677.0
32.5°	10211.3	9406.6	8540.3	7644.6	6735.4	5826.4	5088.9	4426.8	3836.9	3351.4	2923.6
30°	11572.8	10689.7	9740.9	8762.6	7765.1	6745.0	5738.6	4965.2	4272.6	3663.7	3171.5
27.5°	12938.9	11981.8	10943.5	9867.2	8791.9	7679.5	6564.3	5520.7	4711.7	4023.6	3443.7
25°	14306.4	13236.2	12121.4	10949.9	9777.4	8594.8	7362.9	6199.5	5204.2	4383.7	3694.7
22.5°	15678.2	14476.6	13233.6	11975.3	10714.6	9450.9	8161.3	6864.3	5670.8	4749.9	3988.2
20°	17033.5	15683.9	14323.4	12959.4	11600.3	10248.9	8900.9	7516.3	6219.2	5129.1	4262.3
17.5°	18339.0	16839.8	15362.7	13884.0	12430.2	10997.6	9563.9	8117.9	6709.0	5466.6	4504.4
15°	19582.3	17946.4	16342.3	14754.4	13185.7	11647.0	10151.0	8646.2	7154.4	5818.7	4769.7
12.5°	20755.5	18970.1	17222.5	15499.2	13832.3	12219.6	10664.4	9109.9	7573.9	6161.6	5006.2
10°	21757.4	19842.0	17961.1	16143.7	14392.3	12706.7	11087.9	9502.3	7933.5	6446.9	5199.7
7.5°	22572.2	20543.1	18559.7	16653.0	14831.4	13094.4	11415.0	9803.3	8218.3	6670.0	5349.0
5°	23167.5	21058.6	19003.2	17030.3	15135.5	13376.7	11645.8	10009.2	8424.6	6828.6	5453.4
2.5°	23536.6	21370.6	19267.0	17259.6	15312.5	13546.2	11779.8	10133.7	8542.4	6915.8	5518.9
0°	23605.0	21516.5	19350.0	17284.1	15414.1	13597.0	11815.1	10178.9	8572.9	6934.2	5539.3
-2.5°	23536.6	21370.6	19267.0	17259.6	15312.5	13546.2	11779.8	10133.7	8542.4	6915.8	5518.9
-5°	23167.5	21058.6	19003.2	17030.3	15135.5	13376.7	11645.8	10009.2	8424.6	6828.6	5453.4
-7.5°	22572.2	20543.1	18559.7	16653.0	14831.4	13094.4	11415.0	9803.3	8218.3	6670.0	5349.0
-10°	21757.4	19842.0	17961.1	16143.7	14392.3	12706.7	11087.9	9502.3	7933.5	6446.9	5199.7
-12.5°	20755.5	18970.1	17222.5	15499.2	13832.3	12219.6	10664.4	9109.9	7573.9	6161.6	5006.2
-15°	19582.3	17946.4	16342.3	14754.4	13185.7	11647.0	10151.0	8646.2	7154.4	5818.7	4769.7
-17.5°	18339.0	16839.8	15362.7	13884.0	12430.2	10997.6	9563.9	8117.9	6709.0	5466.6	4504.4
-20°	17033.5	15683.9	14323.4	12959.4	11600.3	10248.9	8900.9	7516.3	6219.2	5129.1	4262.3



REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15678.2	14476.6	13233.6	11975.3	10714.6	9450.9	8161.3	6864.3	5670.8	4749.9	3988.2
-25°	14306.4	13236.2	12121.4	10949.9	9777.4	8594.8	7362.9	6199.5	5204.2	4383.7	3694.7
-27.5°	12938.9	11981.8	10943.5	9867.2	8791.9	7679.5	6564.3	5520.7	4711.7	4023.6	3443.7
-30°	11572.8	10689.7	9740.9	8762.6	7765.1	6745.0	5738.6	4965.2	4272.6	3663.7	3171.5
-32.5°	10211.3	9406.6	8540.3	7644.6	6735.4	5826.4	5088.9	4426.8	3836.9	3351.4	2923.6
-35°	8849.0	8116.0	7329.3	6544.1	5734.7	5085.4	4470.9	3936.4	3464.9	3038.6	2677.0
-37.5°	7483.7	6834.8	6177.9	5507.7	4953.3	4417.3	3933.6	3499.8	3095.7	2765.2	2451.4
-40°	6192.6	5638.3	5178.2	4688.4	4262.7	3836.1	3460.4	3091.9	2794.9	2504.1	2232.2
-42.5°	5099.1	4718.5	4360.2	4019.0	3667.3	3348.7	3034.5	2768.6	2507.2	2261.8	2038.9
-45°	4248.8	3987.7	3705.5	3448.2	3169.1	2926.8	2690.9	2466.5	2243.8	2045.5	1847.8
-47.5°	3583.7	3387.6	3168.0	2965.4	2766.8	2566.2	2381.1	2186.0	2016.5	1841.0	1686.1
-50°	3036.7	2888.5	2727.8	2564.7	2414.8	2252.8	2102.5	1955.0	1807.2	1667.8	1528.5
-52.5°	2580.0	2475.4	2358.7	2229.3	2108.4	1985.8	1857.8	1745.7	1623.6	1503.2	1383.4
-55°	2221.5	2137.7	2046.7	1946.9	1844.0	1751.3	1652.9	1554.1	1454.1	1345.8	1249.6
-57.5°	1919.3	1849.8	1778.6	1702.3	1621.2	1543.3	1462.9	1376.6	1294.3	1208.3	1121.2
-60°	1656.0	1599.7	1545.3	1486.2	1422.3	1353.8	1287.7	1218.3	1145.8	1074.7	1001.8
-62.5°	1417.4	1386.0	1335.9	1284.2	1234.2	1183.6	1123.3	1062.6	1004.0	944.9	883.9
-65°	1183.8	1151.8	1115.5	1084.1	1046.6	1002.3	952.6	909.1	866.2	819.2	767.0
-67.5°	981.1	957.2	930.0	901.0	873.2	840.8	807.7	772.0	735.0	693.2	653.4
-70°	818.3	803.1	783.8	759.4	733.9	706.6	678.6	647.2	610.7	570.8	539.3
-72.5°	685.0	675.7	661.3	639.7	615.2	589.4	562.3	531.7	496.6	456.6	426.7
-75°	565.7	559.3	548.5	528.1	506.0	482.1	456.6	425.3	389.4	348.8	319.1
-77.5°	444.9	441.9	435.8	419.2	402.3	385.3	363.9	327.7	291.6	256.9	234.3
-80°	320.0	320.1	317.0	304.6	291.5	278.0	261.6	233.7	206.6	181.5	163.8
-82.5°	202.5	199.0	194.3	187.6	180.8	174.0	166.2	148.6	131.6	115.3	101.9
-85°	90.3	87.8	85.0	85.0	84.6	83.5	81.7	73.3	65.2	57.6	51.0
-87.5°	15.4	15.7	16.0	16.7	17.4	18.0	18.5	17.9	17.3	16.7	16.0
-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: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	17.8	19.4	20.7	21.6	22.3	22.6	22.6	22.3	21.4	20.2	18.7
85°	53.3	54.4	54.2	52.5	49.1	45.3	45.4	44.7	42.8	40.4	37.4
82.5°	105.8	109.1	110.9	110.2	103.4	96.1	88.5	80.4	71.7	61.8	56.1
80°	170.0	173.8	175.0	172.1	160.0	146.9	135.6	124.0	112.5	99.6	85.1
77.5°	239.3	242.1	242.8	238.3	222.9	206.2	188.2	169.4	153.4	137.3	119.3
75°	313.8	314.7	314.1	305.9	287.0	265.4	243.7	220.3	196.8	175.0	153.4
72.5°	410.5	397.4	387.4	374.4	353.5	329.2	301.5	270.4	240.7	212.8	186.9
70°	511.7	483.8	462.1	442.2	419.1	393.4	362.7	323.5	283.8	250.0	218.4
67.5°	617.3	582.7	547.9	511.6	483.1	454.2	423.0	376.0	328.4	286.4	249.3
65°	720.1	677.4	638.0	590.8	549.5	514.2	478.9	425.7	371.3	322.3	279.5
62.5°	823.7	766.4	717.0	665.9	616.0	572.3	532.6	471.9	412.5	356.9	308.2
60°	930.1	863.0	795.8	736.8	680.4	627.4	577.9	516.8	452.3	389.7	335.4
57.5°	1040.5	959.8	883.0	809.4	743.7	682.7	621.5	558.1	490.8	423.0	359.9
55°	1151.8	1060.7	970.4	886.1	808.3	738.7	666.7	597.6	527.7	455.6	379.3
52.5°	1271.2	1164.5	1062.7	964.2	875.2	793.4	715.0	636.3	562.9	486.8	400.6
50°	1397.7	1274.4	1158.2	1048.0	941.5	850.5	762.1	678.6	597.1	517.0	420.5
47.5°	1530.7	1391.1	1258.7	1132.5	1016.9	905.8	811.4	720.2	630.5	546.7	438.7
45°	1677.1	1511.1	1362.0	1223.5	1089.1	968.5	860.0	760.4	666.6	568.1	455.0
42.5°	1824.2	1640.5	1469.2	1311.5	1167.9	1031.8	906.7	802.2	701.3	587.6	470.9
40°	1993.8	1772.8	1577.0	1406.2	1245.6	1092.2	960.3	842.5	733.7	607.0	486.5
37.5°	2159.3	1915.2	1694.7	1496.4	1322.2	1160.5	1012.2	880.7	759.2	628.1	500.5
35°	2354.2	2062.2	1806.7	1592.0	1401.1	1225.5	1061.0	919.8	787.3	648.4	513.0
32.5°	2543.5	2211.9	1932.8	1689.7	1475.6	1287.0	1112.8	959.8	815.8	667.8	524.0
30°	2751.5	2374.7	2051.7	1781.3	1549.6	1350.2	1164.9	997.6	844.6	686.0	534.6
27.5°	2951.4	2524.8	2167.4	1878.3	1627.8	1409.4	1213.2	1032.8	873.4	705.1	547.9
25°	3149.4	2687.0	2294.9	1970.8	1699.6	1463.2	1257.5	1065.9	901.7	726.4	559.8
22.5°	3364.3	2843.9	2409.8	2053.8	1764.6	1512.4	1299.8	1101.9	927.7	746.8	570.2
20°	3561.9	2985.5	2512.4	2133.3	1829.1	1565.4	1339.4	1134.2	951.0	765.9	579.0
17.5°	3748.3	3129.5	2626.9	2219.3	1890.1	1612.2	1374.3	1162.6	971.6	783.5	586.1
15°	3943.9	3272.6	2729.9	2293.7	1942.9	1652.6	1404.2	1187.0	989.4	799.3	592.9
12.5°	4111.0	3393.5	2816.5	2356.3	1987.3	1686.4	1429.2	1207.4	1004.2	812.8	598.9
10°	4248.6	3491.8	2886.3	2406.9	2023.0	1713.5	1449.0	1223.8	1016.5	823.2	602.3
7.5°	4355.8	3566.8	2939.2	2445.2	2050.4	1734.6	1465.6	1236.6	1026.1	830.5	603.0
5°	4430.7	3619.1	2977.9	2472.1	2071.2	1749.8	1477.4	1245.1	1032.5	834.5	601.2
2.5°	4470.1	3648.8	3001.7	2486.4	2083.1	1758.0	1484.0	1249.3	1035.8	835.1	597.0
0°	4476.2	3654.4	3008.4	2488.2	2086.0	1759.3	1485.4	1249.1	1035.5	831.9	590.6
-2.5°	4470.1	3648.8	3001.7	2486.4	2083.1	1758.0	1484.0	1249.3	1035.8	835.1	597.0
-5°	4430.7	3619.1	2977.9	2472.1	2071.2	1749.8	1477.4	1245.1	1032.5	834.5	601.2
-7.5°	4355.8	3566.8	2939.2	2445.2	2050.4	1734.6	1465.6	1236.6	1026.1	830.5	603.0
-10°	4248.6	3491.8	2886.3	2406.9	2023.0	1713.5	1449.0	1223.8	1016.5	823.2	602.3
-12.5°	4111.0	3393.5	2816.5	2356.3	1987.3	1686.4	1429.2	1207.4	1004.2	812.8	598.9
-15°	3943.9	3272.6	2729.9	2293.7	1942.9	1652.6	1404.2	1187.0	989.4	799.3	592.9
-17.5°	3748.3	3129.5	2626.9	2219.3	1890.1	1612.2	1374.3	1162.6	971.6	783.5	586.1
-20°	3561.9	2985.5	2512.4	2133.3	1829.1	1565.4	1339.4	1134.2	951.0	765.9	579.0

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	3364.3	2843.9	2409.8	2053.8	1764.6	1512.4	1299.8	1101.9	927.7	746.8	570.2
-25°	3149.4	2687.0	2294.9	1970.8	1699.6	1463.2	1257.5	1065.9	901.7	726.4	559.8
-27.5°	2951.4	2524.8	2167.4	1878.3	1627.8	1409.4	1213.2	1032.8	873.4	705.1	547.9
-30°	2751.5	2374.7	2051.7	1781.3	1549.6	1350.2	1164.9	997.6	844.6	686.0	534.6
-32.5°	2543.5	2211.9	1932.8	1689.7	1475.6	1287.0	1112.8	959.8	815.8	667.8	524.0
-35°	2354.2	2062.2	1806.7	1592.0	1401.1	1225.5	1061.0	919.8	787.3	648.4	513.0
-37.5°	2159.3	1915.2	1694.7	1496.4	1322.2	1160.5	1012.2	880.7	759.2	628.1	500.5
-40°	1993.8	1772.8	1577.0	1406.2	1245.6	1092.2	960.3	842.5	733.7	607.0	486.5
-42.5°	1824.2	1640.5	1469.2	1311.5	1167.9	1031.8	906.7	802.2	701.3	587.6	470.9
-45°	1677.1	1511.1	1362.0	1223.5	1089.1	968.5	860.0	760.4	666.6	568.1	455.0
-47.5°	1530.7	1391.1	1258.7	1132.5	1016.9	905.8	811.4	720.2	630.5	546.7	438.7
-50°	1397.7	1274.4	1158.2	1048.0	941.5	850.5	762.1	678.6	597.1	517.0	420.5
-52.5°	1271.2	1164.5	1062.7	964.2	875.2	793.4	715.0	636.3	562.9	486.8	400.6
-55°	1151.8	1060.7	970.4	886.1	808.3	738.7	666.7	597.6	527.7	455.6	379.3
-57.5°	1040.5	959.8	883.0	809.4	743.7	682.7	621.5	558.1	490.8	423.0	359.9
-60°	930.1	863.0	795.8	736.8	680.4	627.4	577.9	516.8	452.3	389.7	335.4
-62.5°	823.7	766.4	717.0	665.9	616.0	572.3	532.6	471.9	412.5	356.9	308.2
-65°	720.1	677.4	638.0	590.8	549.5	514.2	478.9	425.7	371.3	322.3	279.5
-67.5°	617.3	582.7	547.9	511.6	483.1	454.2	423.0	376.0	328.4	286.4	249.3
-70°	511.7	483.8	462.1	442.2	419.1	393.4	362.7	323.5	283.8	250.0	218.4
-72.5°	410.5	397.4	387.4	374.4	353.5	329.2	301.5	270.4	240.7	212.8	186.9
-75°	313.8	314.7	314.1	305.9	287.0	265.4	243.7	220.3	196.8	175.0	153.4
-77.5°	239.3	242.1	242.8	238.3	222.9	206.2	188.2	169.4	153.4	137.3	119.3
-80°	170.0	173.8	175.0	172.1	160.0	146.9	135.6	124.0	112.5	99.6	85.1
-82.5°	105.8	109.1	110.9	110.2	103.4	96.1	88.5	80.4	71.7	61.8	56.1
-85°	53.3	54.4	54.2	52.5	49.1	45.3	45.4	44.7	42.8	40.4	37.4
-87.5°	17.8	19.4	20.7	21.6	22.3	22.6	22.6	22.3	21.4	20.2	18.7
-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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Scaled Data Report



REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	16.9	13.2	9.8	6.8	4.2	1.8	0.0
85°	33.7	26.3	19.6	13.6	8.3	3.6	0.0
82.5°	50.4	39.3	29.3	20.3	12.4	5.4	0.0
80°	68.5	52.2	38.9	27.0	16.5	7.2	0.0
77.5°	97.8	67.9	48.4	33.6	20.5	8.9	0.0
75°	126.3	88.8	58.6	40.1	24.5	10.7	0.0
72.5°	153.8	109.1	72.6	46.4	28.4	12.4	0.0
70°	179.9	128.5	86.1	53.0	32.1	14.1	0.0
67.5°	202.6	147.1	99.0	61.3	35.8	15.7	0.0
65°	224.2	164.2	111.3	69.2	39.4	17.3	0.0
62.5°	244.6	179.8	122.9	76.6	42.8	18.8	0.0
60°	263.6	194.4	133.7	83.7	46.1	20.3	0.0
57.5°	280.9	208.1	143.7	90.2	50.1	21.8	0.0
55°	296.8	220.6	153.1	96.3	53.9	23.1	0.0
52.5°	311.4	232.1	161.7	101.8	57.6	24.5	0.0
50°	324.6	242.7	169.5	106.8	61.1	25.7	0.0
47.5°	336.9	252.3	176.4	111.4	64.5	26.9	0.0
45°	350.7	260.7	182.6	116.0	67.7	28.0	0.0
42.5°	363.0	268.1	187.9	120.0	70.7	29.1	0.0
40°	373.7	274.3	192.7	124.4	73.5	30.1	0.0
37.5°	382.9	279.3	196.9	128.8	76.2	31.0	0.0
35°	390.6	285.1	200.4	133.0	78.6	31.8	0.0
32.5°	397.6	290.5	203.1	136.7	80.9	32.5	0.0
30°	405.5	294.7	204.9	140.1	82.9	33.2	0.0
27.5°	411.9	297.7	209.3	143.1	84.7	33.8	0.0
25°	416.8	299.5	213.5	145.7	86.3	34.3	0.0
22.5°	420.3	301.8	217.2	147.9	87.7	34.7	0.0
20°	422.4	307.3	220.4	149.7	88.9	35.1	0.0
17.5°	427.1	311.8	223.1	151.2	89.9	35.4	0.0
15°	432.8	315.3	225.2	152.2	90.6	35.6	0.0
12.5°	436.9	317.9	226.8	152.9	91.1	35.7	0.0
10°	439.5	319.5	227.8	153.2	91.4	35.7	0.0
7.5°	440.5	320.2	228.3	153.2	91.5	35.7	0.0
5°	440.1	319.9	228.1	152.7	91.4	35.6	0.0
2.5°	438.1	318.8	227.5	151.9	91.1	35.4	0.0
0°	434.8	316.7	226.2	150.8	90.5	35.2	0.0
-2.5°	438.1	318.8	227.5	151.9	91.1	35.4	0.0
-5°	440.1	319.9	228.1	152.7	91.4	35.6	0.0
-7.5°	440.5	320.2	228.3	153.2	91.5	35.7	0.0
-10°	439.5	319.5	227.8	153.2	91.4	35.7	0.0
-12.5°	436.9	317.9	226.8	152.9	91.1	35.7	0.0
-15°	432.8	315.3	225.2	152.2	90.6	35.6	0.0
-17.5°	427.1	311.8	223.1	151.2	89.9	35.4	0.0
-20°	422.4	307.3	220.4	149.7	88.9	35.1	0.0

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REPORT NUMBER: P627883 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	420.3	301.8	217.2	147.9	87.7	34.7	0.0
-25°	416.8	299.5	213.5	145.7	86.3	34.3	0.0
-27.5°	411.9	297.7	209.3	143.1	84.7	33.8	0.0
-30°	405.5	294.7	204.9	140.1	82.9	33.2	0.0
-32.5°	397.6	290.5	203.1	136.7	80.9	32.5	0.0
-35°	390.6	285.1	200.4	133.0	78.6	31.8	0.0
-37.5°	382.9	279.3	196.9	128.8	76.2	31.0	0.0
-40°	373.7	274.3	192.7	124.4	73.5	30.1	0.0
-42.5°	363.0	268.1	187.9	120.0	70.7	29.1	0.0
-45°	350.7	260.7	182.6	116.0	67.7	28.0	0.0
-47.5°	336.9	252.3	176.4	111.4	64.5	26.9	0.0
-50°	324.6	242.7	169.5	106.8	61.1	25.7	0.0
-52.5°	311.4	232.1	161.7	101.8	57.6	24.5	0.0
-55°	296.8	220.6	153.1	96.3	53.9	23.1	0.0
-57.5°	280.9	208.1	143.7	90.2	50.1	21.8	0.0
-60°	263.6	194.4	133.7	83.7	46.1	20.3	0.0
-62.5°	244.6	179.8	122.9	76.6	42.8	18.8	0.0
-65°	224.2	164.2	111.3	69.2	39.4	17.3	0.0
-67.5°	202.6	147.1	99.0	61.3	35.8	15.7	0.0
-70°	179.9	128.5	86.1	53.0	32.1	14.1	0.0
-72.5°	153.8	109.1	72.6	46.4	28.4	12.4	0.0
-75°	126.3	88.8	58.6	40.1	24.5	10.7	0.0
-77.5°	97.8	67.9	48.4	33.6	20.5	8.9	0.0
-80°	68.5	52.2	38.9	27.0	16.5	7.2	0.0
-82.5°	50.4	39.3	29.3	20.3	12.4	5.4	0.0
-85°	33.7	26.3	19.6	13.6	8.3	3.6	0.0
-87.5°	16.9	13.2	9.8	6.8	4.2	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)