

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: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627483 (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-SA4D-750-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N106
Light Source: (64) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

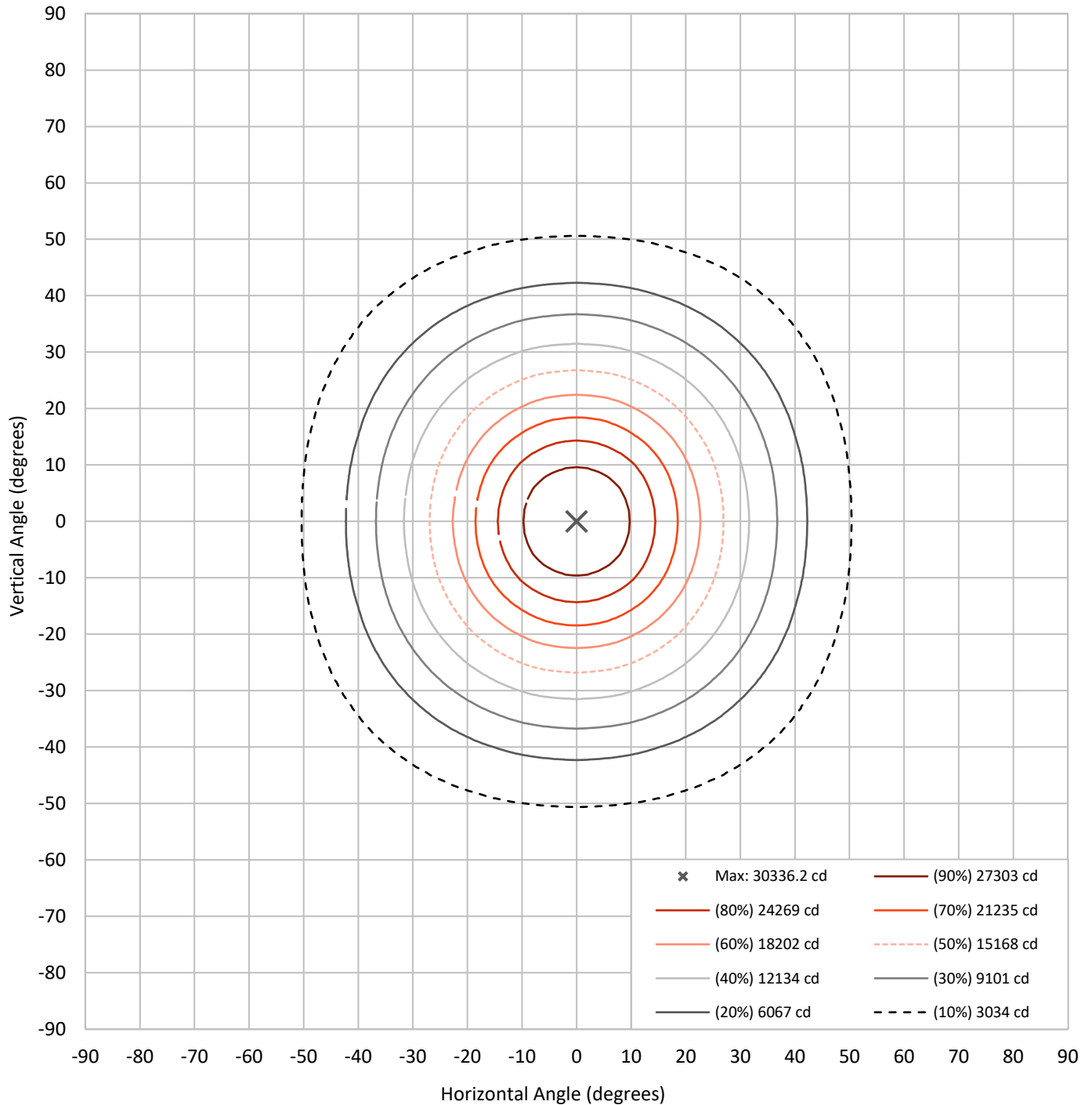
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30875.1 lumens	Max Intensity:	30336.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	14762.6 lumens	Field Lumens:	27248.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	221.4		
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





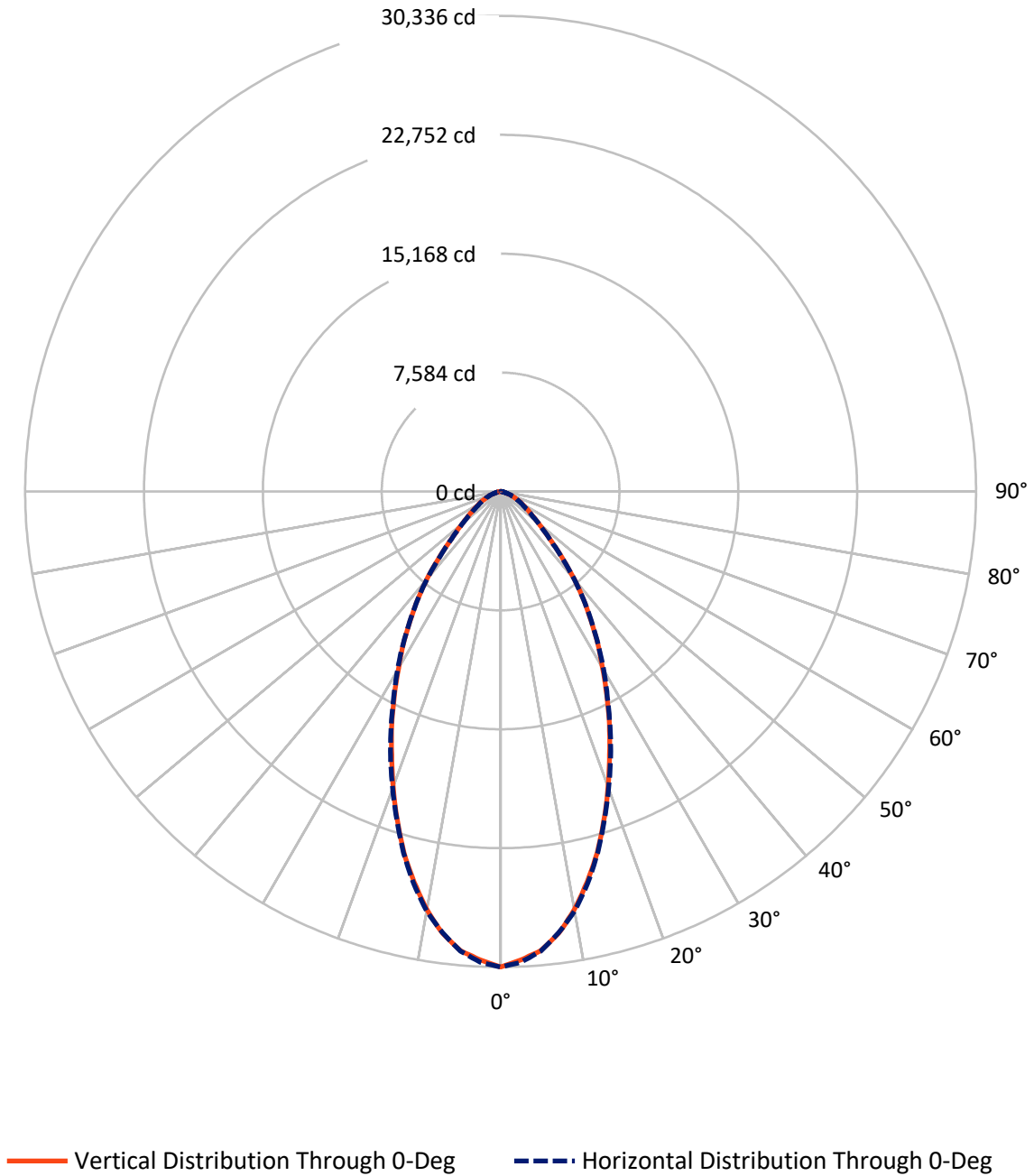
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Lumen Table

90																
80	1.2	8.5		19.4		32.3		27.7		32.3		19.4		8.5		1.2
70																
60	4.0	4.7	8.9	14.2	20.6	26.7	31.4	33.6	33.6	31.4	26.7	20.6	14.2	8.9	4.7	4.0
50		6.6	13.4	23.2	35.5	48.9	61.0	68.0	68.0	61.0	48.9	35.5	23.2	13.4	6.6	
40	5.9	8.5	18.5	34.6	58.3	89.6	123.5	146.2	146.2	123.5	89.6	58.3	34.6	18.5	8.5	5.9
30		10.3	24.2	50.3	97.9	173.8	252.5	299.5	299.5	252.5	173.8	97.9	50.3	24.2	10.3	
20	7.0	12.1	30.2	70.4	158.2	284.4	406.9	486.4	486.4	406.9	284.4	158.2	70.4	30.2	12.1	7.0
10		13.4	35.4	91.3	215.9	384.0	566.9	697.4	697.4	566.9	384.0	215.9	91.3	35.4	13.4	
0	7.3	14.1	38.4	104.8	248.6	446.4	679.3	854.3	854.3	679.3	446.4	248.6	104.8	38.4	14.1	7.3
-10		14.1	38.4	104.8	248.6	446.4	679.3	854.3	854.3	679.3	446.4	248.6	104.8	38.4	14.1	
-20	7.0	13.4	35.4	91.3	215.9	384.0	566.9	697.4	697.4	566.9	384.0	215.9	91.3	35.4	13.4	7.0
-30		12.1	30.2	70.4	158.2	284.4	406.9	486.4	486.4	406.9	284.4	158.2	70.4	30.2	12.1	
-40	5.9	10.3	24.2	50.3	97.9	173.8	252.5	299.5	299.5	252.5	173.8	97.9	50.3	24.2	10.3	5.9
-50		8.5	18.5	34.6	58.3	89.6	123.5	146.2	146.2	123.5	89.6	58.3	34.6	18.5	8.5	
-60	4.0	6.6	13.4	23.2	35.5	48.9	61.0	68.0	68.0	61.0	48.9	35.5	23.2	13.4	6.6	4.0
-70		4.7	8.9	14.2	20.6	26.7	31.4	33.6	33.6	31.4	26.7	20.6	14.2	8.9	4.7	
-80																
-90	1.2	8.5		19.4		32.3		27.7		32.3		19.4		8.5		1.2
Horizontal Angle (degrees)																

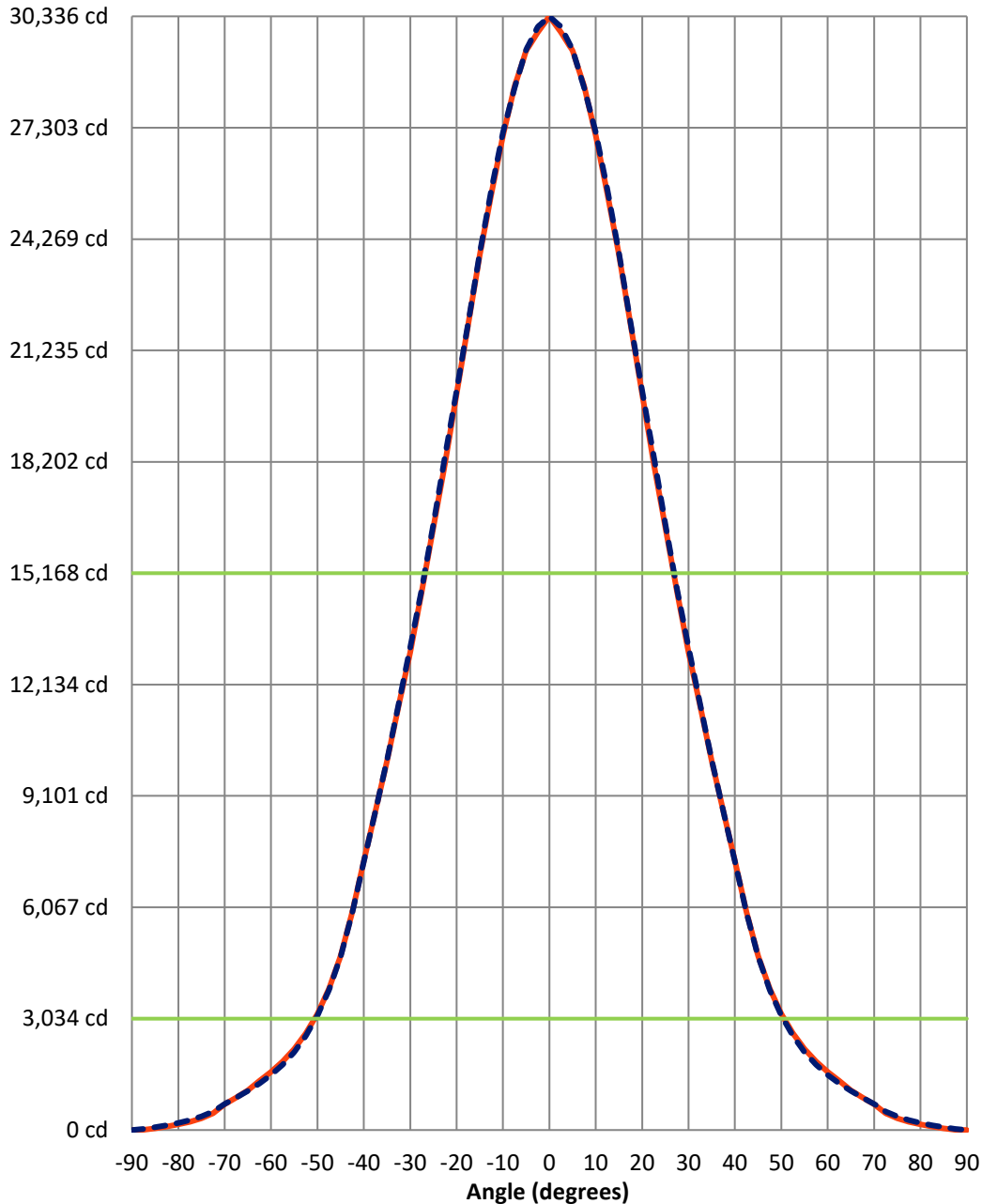
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 14762.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 27248.4
 Efficiency: 88.3%

Spill:
 Lumens: 3626.7
 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	1.5	3.5	5.8	8.4	11.2	14.4	15.9	17.2	18.2	19.0
85°	0.0	3.1	7.1	11.6	16.7	22.4	28.8	31.9	34.5	36.5	38.1
82.5°	0.0	4.6	10.6	17.3	25.0	33.5	43.0	47.8	52.7	61.1	68.5
80°	0.0	6.1	14.1	23.0	33.2	44.5	58.4	72.6	84.9	96.0	105.7
77.5°	0.0	7.6	17.5	28.6	41.2	57.9	83.4	101.8	117.1	130.8	144.5
75°	0.0	9.1	20.9	34.1	49.9	75.8	107.7	130.8	149.2	167.9	187.9
72.5°	0.0	10.6	24.2	39.5	61.9	93.0	131.2	159.4	181.5	205.3	230.6
70°	0.0	12.0	27.4	45.2	73.4	109.6	153.5	186.3	213.2	242.1	276.0
67.5°	0.0	13.4	30.5	52.2	84.4	125.5	172.9	212.7	244.3	280.1	320.7
65°	0.0	14.7	33.5	58.9	94.9	140.0	191.3	238.5	275.0	316.7	363.1
62.5°	0.0	16.0	36.4	65.3	104.8	153.4	208.7	263.0	304.4	351.8	402.6
60°	0.0	17.3	39.2	71.3	114.0	165.9	224.9	286.1	332.4	385.8	440.8
57.5°	0.0	18.5	42.6	76.9	122.6	177.5	239.6	307.0	360.9	418.7	476.1
55°	0.0	19.7	45.9	82.1	130.6	188.3	253.2	323.6	388.6	450.2	509.8
52.5°	0.0	20.8	49.1	86.9	137.9	198.1	265.6	341.7	415.3	480.2	542.8
50°	0.0	21.9	52.1	91.1	144.6	207.1	276.9	358.7	441.1	509.4	578.9
47.5°	0.0	22.9	55.0	95.1	150.5	215.2	287.3	374.2	466.5	537.9	614.4
45°	0.0	23.9	57.7	98.9	155.8	222.4	299.1	388.1	484.7	568.7	648.7
42.5°	0.0	24.8	60.3	102.3	160.3	228.7	309.6	401.8	501.3	598.3	684.3
40°	0.0	25.6	62.7	106.1	164.4	234.0	318.8	415.0	517.8	625.9	718.7
37.5°	0.0	26.4	65.0	109.9	168.0	238.3	326.7	427.0	535.9	647.7	751.3
35°	0.0	27.1	67.0	113.4	171.0	243.2	333.2	437.6	553.2	671.6	784.7
32.5°	0.0	27.7	69.0	116.6	173.2	247.8	339.2	447.0	569.7	695.9	818.8
30°	0.0	28.3	70.7	119.5	174.8	251.4	345.9	456.1	585.2	720.5	851.0
27.5°	0.0	28.8	72.2	122.0	178.5	253.9	351.3	467.4	601.5	745.1	881.1
25°	0.0	29.2	73.6	124.3	182.1	255.4	355.5	477.5	619.7	769.2	909.3
22.5°	0.0	29.6	74.8	126.2	185.3	257.4	358.5	486.4	637.0	791.4	940.1
20°	0.0	29.9	75.8	127.7	188.0	262.1	360.3	493.9	653.4	811.3	967.6
17.5°	0.0	30.1	76.6	129.0	190.3	266.0	364.3	500.0	668.4	828.9	991.8
15°	0.0	30.3	77.3	129.9	192.1	269.0	369.2	505.7	681.9	844.0	1012.6
12.5°	0.0	30.4	77.7	130.4	193.5	271.2	372.7	510.9	693.4	856.6	1030.0
10°	0.0	30.5	78.0	130.7	194.4	272.6	374.9	513.8	702.3	867.1	1044.0
7.5°	0.0	30.4	78.1	130.6	194.7	273.1	375.8	514.4	708.5	875.3	1054.9
5°	0.0	30.4	78.0	130.3	194.7	272.9	375.4	512.9	711.9	880.8	1062.2
2.5°	0.0	30.2	77.7	129.6	194.1	272.0	373.7	509.4	712.4	883.5	1065.8
0°	0.0	30.0	77.2	128.6	193.0	270.2	370.9	503.9	709.7	883.3	1065.6
-2.5°	0.0	30.2	77.7	129.6	194.1	272.0	373.7	509.4	712.4	883.5	1065.8
-5°	0.0	30.4	78.0	130.3	194.7	272.9	375.4	512.9	711.9	880.8	1062.2
-7.5°	0.0	30.4	78.1	130.6	194.7	273.1	375.8	514.4	708.5	875.3	1054.9
-10°	0.0	30.5	78.0	130.7	194.4	272.6	374.9	513.8	702.3	867.1	1044.0
-12.5°	0.0	30.4	77.7	130.4	193.5	271.2	372.7	510.9	693.4	856.6	1030.0
-15°	0.0	30.3	77.3	129.9	192.1	269.0	369.2	505.7	681.9	844.0	1012.6
-17.5°	0.0	30.1	76.6	129.0	190.3	266.0	364.3	500.0	668.4	828.9	991.8
-20°	0.0	29.9	75.8	127.7	188.0	262.1	360.3	493.9	653.4	811.3	967.6

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CATALOG NUMBER: GFLD-SA4D-750-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	29.6	74.8	126.2	185.3	257.4	358.5	486.4	637.0	791.4	940.1
-25°	0.0	29.2	73.6	124.3	182.1	255.4	355.5	477.5	619.7	769.2	909.3
-27.5°	0.0	28.8	72.2	122.0	178.5	253.9	351.3	467.4	601.5	745.1	881.1
-30°	0.0	28.3	70.7	119.5	174.8	251.4	345.9	456.1	585.2	720.5	851.0
-32.5°	0.0	27.7	69.0	116.6	173.2	247.8	339.2	447.0	569.7	695.9	818.8
-35°	0.0	27.1	67.0	113.4	171.0	243.2	333.2	437.6	553.2	671.6	784.7
-37.5°	0.0	26.4	65.0	109.9	168.0	238.3	326.7	427.0	535.9	647.7	751.3
-40°	0.0	25.6	62.7	106.1	164.4	234.0	318.8	415.0	517.8	625.9	718.7
-42.5°	0.0	24.8	60.3	102.3	160.3	228.7	309.6	401.8	501.3	598.3	684.3
-45°	0.0	23.9	57.7	98.9	155.8	222.4	299.1	388.1	484.7	568.7	648.7
-47.5°	0.0	22.9	55.0	95.1	150.5	215.2	287.3	374.2	466.5	537.9	614.4
-50°	0.0	21.9	52.1	91.1	144.6	207.1	276.9	358.7	441.1	509.4	578.9
-52.5°	0.0	20.8	49.1	86.9	137.9	198.1	265.6	341.7	415.3	480.2	542.8
-55°	0.0	19.7	45.9	82.1	130.6	188.3	253.2	323.6	388.6	450.2	509.8
-57.5°	0.0	18.5	42.6	76.9	122.6	177.5	239.6	307.0	360.9	418.7	476.1
-60°	0.0	17.3	39.2	71.3	114.0	165.9	224.9	286.1	332.4	385.8	440.8
-62.5°	0.0	16.0	36.4	65.3	104.8	153.4	208.7	263.0	304.4	351.8	402.6
-65°	0.0	14.7	33.5	58.9	94.9	140.0	191.3	238.5	275.0	316.7	363.1
-67.5°	0.0	13.4	30.5	52.2	84.4	125.5	172.9	212.7	244.3	280.1	320.7
-70°	0.0	12.0	27.4	45.2	73.4	109.6	153.5	186.3	213.2	242.1	276.0
-72.5°	0.0	10.6	24.2	39.5	61.9	93.0	131.2	159.4	181.5	205.3	230.6
-75°	0.0	9.1	20.9	34.1	49.9	75.8	107.7	130.8	149.2	167.9	187.9
-77.5°	0.0	7.6	17.5	28.6	41.2	57.9	83.4	101.8	117.1	130.8	144.5
-80°	0.0	6.1	14.1	23.0	33.2	44.5	58.4	72.6	84.9	96.0	105.7
-82.5°	0.0	4.6	10.6	17.3	25.0	33.5	43.0	47.8	52.7	61.1	68.5
-85°	0.0	3.1	7.1	11.6	16.7	22.4	28.8	31.9	34.5	36.5	38.1
-87.5°	0.0	1.5	3.5	5.8	8.4	11.2	14.4	15.9	17.2	18.2	19.0
-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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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°	19.3	19.3	19.0	18.5	17.7	16.6	15.2	13.7	14.2	14.8	15.3
85°	38.7	38.7	41.9	44.9	46.2	46.4	45.5	43.5	49.2	55.6	62.5
82.5°	75.5	82.0	88.2	94.0	94.6	93.1	90.3	86.9	98.4	112.2	126.7
80°	115.7	125.3	136.5	146.8	149.3	148.2	145.1	139.8	154.9	176.3	199.3
77.5°	160.5	175.9	190.1	203.3	207.1	206.5	204.1	199.9	219.1	248.7	279.5
75°	207.9	226.4	244.8	261.0	267.9	268.5	267.6	272.2	297.5	332.2	362.8
72.5°	257.2	280.8	301.6	319.4	330.5	339.0	350.2	364.0	389.6	423.6	453.6
70°	309.4	335.6	357.5	377.2	394.2	412.7	436.5	460.0	486.9	520.9	552.1
67.5°	360.8	387.4	412.1	436.4	467.4	497.1	526.6	557.3	591.3	627.0	658.5
65°	408.6	438.6	468.7	504.0	544.3	577.9	614.3	654.3	698.8	739.0	775.6
62.5°	454.3	488.2	525.5	568.1	611.7	653.8	702.7	754.1	806.1	856.5	906.4
60°	493.0	535.2	580.5	628.5	678.9	736.2	793.5	854.7	916.8	977.4	1039.2
57.5°	530.2	582.4	634.5	690.5	753.3	818.8	887.6	956.4	1030.7	1104.1	1174.3
55°	568.8	630.2	689.6	755.9	827.9	904.9	982.5	1066.0	1148.0	1240.5	1325.8
52.5°	610.0	676.8	746.6	822.6	906.6	993.4	1084.5	1180.2	1282.3	1385.0	1489.2
50°	650.1	725.6	803.2	894.0	988.0	1087.2	1192.4	1303.9	1422.8	1541.7	1667.8
47.5°	692.2	772.7	867.5	966.2	1073.8	1186.7	1305.8	1438.4	1570.5	1720.3	1864.9
45°	733.6	826.2	929.1	1043.8	1161.9	1289.0	1430.7	1576.4	1745.0	1914.1	2104.2
42.5°	773.4	880.2	996.3	1118.9	1253.3	1399.4	1556.2	1739.4	1929.5	2138.9	2361.9
40°	819.2	931.8	1062.6	1199.6	1345.3	1512.3	1700.9	1904.3	2136.2	2384.2	2637.6
37.5°	863.5	990.0	1128.0	1276.5	1445.7	1633.8	1842.0	2091.3	2358.9	2640.9	2985.6
35°	905.2	1045.5	1195.3	1358.1	1541.3	1759.2	2008.3	2283.7	2592.1	2955.8	3358.1
32.5°	949.3	1097.9	1258.8	1441.5	1648.8	1886.9	2169.8	2494.0	2859.0	3273.2	3776.4
30°	993.8	1151.9	1322.0	1519.6	1750.3	2025.8	2347.3	2705.6	3125.5	3644.9	4235.7
27.5°	1035.0	1202.4	1388.7	1602.4	1848.9	2153.9	2517.7	2937.8	3432.4	4019.5	4709.6
25°	1072.8	1248.3	1450.0	1681.2	1957.7	2292.2	2686.7	3151.8	3739.6	4439.6	5288.6
22.5°	1108.9	1290.2	1505.4	1752.1	2055.7	2426.0	2870.0	3402.3	4052.0	4837.6	5855.8
20°	1142.7	1335.4	1560.4	1819.9	2143.3	2546.9	3038.6	3636.1	4375.5	5305.5	6412.0
17.5°	1172.4	1375.4	1612.5	1893.2	2241.0	2669.7	3197.6	3842.5	4663.4	5723.3	6925.2
15°	1197.9	1409.8	1657.5	1956.7	2328.9	2791.7	3364.5	4068.9	4963.7	6103.3	7375.9
12.5°	1219.2	1438.6	1695.3	2010.2	2402.7	2894.9	3507.0	4270.7	5256.3	6461.2	7771.5
10°	1236.1	1461.7	1725.8	2053.3	2462.3	2978.8	3624.4	4435.7	5499.7	6768.0	8106.2
7.5°	1250.2	1479.8	1749.2	2086.0	2507.3	3042.8	3715.9	4563.1	5690.0	7010.9	8363.0
5°	1260.3	1492.7	1766.9	2108.9	2540.4	3087.4	3779.8	4652.1	5825.3	7186.9	8538.6
2.5°	1265.9	1499.7	1777.1	2121.1	2560.7	3112.7	3813.4	4708.0	5899.7	7287.4	8644.8
0°	1267.1	1500.8	1779.6	2122.6	2566.4	3117.5	3818.6	4725.5	5915.4	7313.4	8683.4
-2.5°	1265.9	1499.7	1777.1	2121.1	2560.7	3112.7	3813.4	4708.0	5899.7	7287.4	8644.8
-5°	1260.3	1492.7	1766.9	2108.9	2540.4	3087.4	3779.8	4652.1	5825.3	7186.9	8538.6
-7.5°	1250.2	1479.8	1749.2	2086.0	2507.3	3042.8	3715.9	4563.1	5690.0	7010.9	8363.0
-10°	1236.1	1461.7	1725.8	2053.3	2462.3	2978.8	3624.4	4435.7	5499.7	6768.0	8106.2
-12.5°	1219.2	1438.6	1695.3	2010.2	2402.7	2894.9	3507.0	4270.7	5256.3	6461.2	7771.5
-15°	1197.9	1409.8	1657.5	1956.7	2328.9	2791.7	3364.5	4068.9	4963.7	6103.3	7375.9
-17.5°	1172.4	1375.4	1612.5	1893.2	2241.0	2669.7	3197.6	3842.5	4663.4	5723.3	6925.2
-20°	1142.7	1335.4	1560.4	1819.9	2143.3	2546.9	3038.6	3636.1	4375.5	5305.5	6412.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-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°	1108.9	1290.2	1505.4	1752.1	2055.7	2426.0	2870.0	3402.3	4052.0	4837.6	5855.8
-25°	1072.8	1248.3	1450.0	1681.2	1957.7	2292.2	2686.7	3151.8	3739.6	4439.6	5288.6
-27.5°	1035.0	1202.4	1388.7	1602.4	1848.9	2153.9	2517.7	2937.8	3432.4	4019.5	4709.6
-30°	993.8	1151.9	1322.0	1519.6	1750.3	2025.8	2347.3	2705.6	3125.5	3644.9	4235.7
-32.5°	949.3	1097.9	1258.8	1441.5	1648.8	1886.9	2169.8	2494.0	2859.0	3273.2	3776.4
-35°	905.2	1045.5	1195.3	1358.1	1541.3	1759.2	2008.3	2283.7	2592.1	2955.8	3358.1
-37.5°	863.5	990.0	1128.0	1276.5	1445.7	1633.8	1842.0	2091.3	2358.9	2640.9	2985.6
-40°	819.2	931.8	1062.6	1199.6	1345.3	1512.3	1700.9	1904.3	2136.2	2384.2	2637.6
-42.5°	773.4	880.2	996.3	1118.9	1253.3	1399.4	1556.2	1739.4	1929.5	2138.9	2361.9
-45°	733.6	826.2	929.1	1043.8	1161.9	1289.0	1430.7	1576.4	1745.0	1914.1	2104.2
-47.5°	692.2	772.7	867.5	966.2	1073.8	1186.7	1305.8	1438.4	1570.5	1720.3	1864.9
-50°	650.1	725.6	803.2	894.0	988.0	1087.2	1192.4	1303.9	1422.8	1541.7	1667.8
-52.5°	610.0	676.8	746.6	822.6	906.6	993.4	1084.5	1180.2	1282.3	1385.0	1489.2
-55°	568.8	630.2	689.6	755.9	827.9	904.9	982.5	1066.0	1148.0	1240.5	1325.8
-57.5°	530.2	582.4	634.5	690.5	753.3	818.8	887.6	956.4	1030.7	1104.1	1174.3
-60°	493.0	535.2	580.5	628.5	678.9	736.2	793.5	854.7	916.8	977.4	1039.2
-62.5°	454.3	488.2	525.5	568.1	611.7	653.8	702.7	754.1	806.1	856.5	906.4
-65°	408.6	438.6	468.7	504.0	544.3	577.9	614.3	654.3	698.8	739.0	775.6
-67.5°	360.8	387.4	412.1	436.4	467.4	497.1	526.6	557.3	591.3	627.0	658.5
-70°	309.4	335.6	357.5	377.2	394.2	412.7	436.5	460.0	486.9	520.9	552.1
-72.5°	257.2	280.8	301.6	319.4	330.5	339.0	350.2	364.0	389.6	423.6	453.6
-75°	207.9	226.4	244.8	261.0	267.9	268.5	267.6	272.2	297.5	332.2	362.8
-77.5°	160.5	175.9	190.1	203.3	207.1	206.5	204.1	199.9	219.1	248.7	279.5
-80°	115.7	125.3	136.5	146.8	149.3	148.2	145.1	139.8	154.9	176.3	199.3
-82.5°	75.5	82.0	88.2	94.0	94.6	93.1	90.3	86.9	98.4	112.2	126.7
-85°	38.7	38.7	41.9	44.9	46.2	46.4	45.5	43.5	49.2	55.6	62.5
-87.5°	19.3	19.3	19.0	18.5	17.7	16.6	15.2	13.7	14.2	14.8	15.3
-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: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-750-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°	15.8	15.4	14.9	14.3	13.6	13.4	13.1	12.8	12.5	11.5	10.6
85°	69.7	71.3	72.1	72.6	72.6	74.9	77.1	79.1	80.8	73.3	64.9
82.5°	141.8	148.4	154.3	160.1	165.8	169.8	172.7	174.9	176.3	159.6	140.8
80°	223.2	237.2	248.7	259.8	270.4	273.0	273.0	271.5	268.6	245.7	219.9
77.5°	310.4	328.7	343.2	357.6	371.8	377.0	379.5	381.5	382.8	354.5	319.7
75°	389.5	411.3	431.6	450.5	467.9	477.2	482.6	487.0	490.5	462.1	424.8
72.5°	479.7	502.8	524.8	545.7	564.2	576.4	584.4	590.9	596.1	579.9	556.6
70°	578.9	602.8	626.0	647.7	668.6	685.1	698.0	709.2	718.4	720.2	719.4
67.5°	689.0	717.2	744.9	768.6	793.3	816.6	837.0	854.0	867.6	876.5	881.5
65°	812.6	855.1	892.8	924.8	951.6	982.5	1009.9	1030.8	1045.5	1056.7	1066.3
62.5°	958.2	1009.7	1052.9	1095.5	1139.6	1182.4	1209.1	1236.0	1262.2	1286.9	1308.1
60°	1098.4	1154.8	1213.3	1267.8	1318.3	1364.7	1412.7	1455.2	1492.5	1523.6	1546.8
57.5°	1247.9	1316.5	1383.0	1452.2	1517.3	1578.0	1637.3	1692.1	1739.4	1779.2	1811.8
55°	1410.1	1494.0	1573.0	1660.8	1746.0	1823.6	1895.0	1968.3	2034.4	2092.5	2138.6
52.5°	1584.8	1694.0	1798.6	1901.8	2012.1	2111.7	2200.9	2302.4	2392.5	2466.9	2524.9
50°	1793.6	1921.9	2060.0	2187.8	2327.0	2464.1	2590.4	2712.9	2832.6	2936.2	3020.0
47.5°	2031.3	2189.1	2360.3	2529.8	2702.5	2889.9	3057.1	3212.5	3379.9	3525.2	3641.8
45°	2295.5	2496.8	2703.5	2941.6	3161.0	3401.8	3624.6	3824.7	4062.1	4271.2	4439.6
42.5°	2588.7	2856.8	3128.5	3428.5	3719.5	4025.2	4349.9	4637.9	4952.7	5252.9	5495.5
40°	2952.0	3272.4	3636.4	3999.5	4417.4	4809.9	5282.8	5712.5	6102.8	6460.8	6754.1
37.5°	3355.7	3768.2	4225.5	4698.5	5270.2	5830.6	6384.2	6906.8	7368.2	7760.0	8088.6
35°	3814.0	4338.2	4892.1	5582.6	6252.5	6923.7	7548.9	8120.1	8621.9	9063.9	9439.8
32.5°	4341.2	4970.4	5745.8	6521.5	7285.6	8024.5	8711.0	9334.0	9884.3	10380.6	10812.8
30°	4895.5	5754.0	6624.2	7475.2	8309.7	9119.1	9872.5	10558.7	11180.6	11733.1	12231.0
27.5°	5599.8	6551.2	7500.1	8417.5	9335.6	10221.4	11037.9	11800.2	12513.9	13138.3	13707.5
25°	6281.1	7332.1	8340.9	9341.1	10340.5	11291.6	12204.5	13065.5	13882.8	14599.5	15234.9
22.5°	6962.2	8062.3	9140.3	10215.8	11289.3	12349.6	13374.7	14361.2	15275.1	16091.2	16806.5
20°	7593.1	8743.1	9895.9	11055.3	12219.0	13379.6	14530.9	15641.0	16659.3	17601.4	18429.3
17.5°	8158.7	9381.8	10604.0	11844.1	13105.6	14365.6	15644.6	16889.1	18053.1	19125.1	20085.5
15°	8659.6	9935.8	11248.4	12586.7	13941.2	15309.7	16705.2	18097.6	19408.0	20625.6	21697.8
12.5°	9097.5	10424.3	11800.1	13222.0	14692.2	16183.0	17706.0	19232.3	20682.9	22088.6	23246.4
10°	9458.9	10839.8	12277.8	13771.8	15322.2	16926.7	18560.7	20203.7	21801.9	23293.0	24617.0
7.5°	9737.9	11170.6	12652.4	14206.3	15832.9	17524.9	19255.8	20999.3	22704.8	24311.6	25776.5
5°	9934.8	11411.3	12911.8	14528.2	16211.3	17964.7	19763.7	21580.6	23363.5	25052.9	26571.1
2.5°	10049.1	11555.9	13062.8	14723.8	16436.3	18230.8	20078.6	21925.3	23755.3	25507.6	27067.7
0°	10079.2	11599.3	13149.5	14744.7	16507.1	18355.2	20136.9	21989.4	23891.2	25619.3	27173.7
-2.5°	10049.1	11555.9	13062.8	14723.8	16436.3	18230.8	20078.6	21925.3	23755.3	25507.6	27067.7
-5°	9934.8	11411.3	12911.8	14528.2	16211.3	17964.7	19763.7	21580.6	23363.5	25052.9	26571.1
-7.5°	9737.9	11170.6	12652.4	14206.3	15832.9	17524.9	19255.8	20999.3	22704.8	24311.6	25776.5
-10°	9458.9	10839.8	12277.8	13771.8	15322.2	16926.7	18560.7	20203.7	21801.9	23293.0	24617.0
-12.5°	9097.5	10424.3	11800.1	13222.0	14692.2	16183.0	17706.0	19232.3	20682.9	22088.6	23246.4
-15°	8659.6	9935.8	11248.4	12586.7	13941.2	15309.7	16705.2	18097.6	19408.0	20625.6	21697.8
-17.5°	8158.7	9381.8	10604.0	11844.1	13105.6	14365.6	15644.6	16889.1	18053.1	19125.1	20085.5
-20°	7593.1	8743.1	9895.9	11055.3	12219.0	13379.6	14530.9	15641.0	16659.3	17601.4	18429.3

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6962.2	8062.3	9140.3	10215.8	11289.3	12349.6	13374.7	14361.2	15275.1	16091.2	16806.5
-25°	6281.1	7332.1	8340.9	9341.1	10340.5	11291.6	12204.5	13065.5	13882.8	14599.5	15234.9
-27.5°	5599.8	6551.2	7500.1	8417.5	9335.6	10221.4	11037.9	11800.2	12513.9	13138.3	13707.5
-30°	4895.5	5754.0	6624.2	7475.2	8309.7	9119.1	9872.5	10558.7	11180.6	11733.1	12231.0
-32.5°	4341.2	4970.4	5745.8	6521.5	7285.6	8024.5	8711.0	9334.0	9884.3	10380.6	10812.8
-35°	3814.0	4338.2	4892.1	5582.6	6252.5	6923.7	7548.9	8120.1	8621.9	9063.9	9439.8
-37.5°	3355.7	3768.2	4225.5	4698.5	5270.2	5830.6	6384.2	6906.8	7368.2	7760.0	8088.6
-40°	2952.0	3272.4	3636.4	3999.5	4417.4	4809.9	5282.8	5712.5	6102.8	6460.8	6754.1
-42.5°	2588.7	2856.8	3128.5	3428.5	3719.5	4025.2	4349.9	4637.9	4952.7	5252.9	5495.5
-45°	2295.5	2496.8	2703.5	2941.6	3161.0	3401.8	3624.6	3824.7	4062.1	4271.2	4439.6
-47.5°	2031.3	2189.1	2360.3	2529.8	2702.5	2889.9	3057.1	3212.5	3379.9	3525.2	3641.8
-50°	1793.6	1921.9	2060.0	2187.8	2327.0	2464.1	2590.4	2712.9	2832.6	2936.2	3020.0
-52.5°	1584.8	1694.0	1798.6	1901.8	2012.1	2111.7	2200.9	2302.4	2392.5	2466.9	2524.9
-55°	1410.1	1494.0	1573.0	1660.8	1746.0	1823.6	1895.0	1968.3	2034.4	2092.5	2138.6
-57.5°	1247.9	1316.5	1383.0	1452.2	1517.3	1578.0	1637.3	1692.1	1739.4	1779.2	1811.8
-60°	1098.4	1154.8	1213.3	1267.8	1318.3	1364.7	1412.7	1455.2	1492.5	1523.6	1546.8
-62.5°	958.2	1009.7	1052.9	1095.5	1139.6	1182.4	1209.1	1236.0	1262.2	1286.9	1308.1
-65°	812.6	855.1	892.8	924.8	951.6	982.5	1009.9	1030.8	1045.5	1056.7	1066.3
-67.5°	689.0	717.2	744.9	768.6	793.3	816.6	837.0	854.0	867.6	876.5	881.5
-70°	578.9	602.8	626.0	647.7	668.6	685.1	698.0	709.2	718.4	720.2	719.4
-72.5°	479.7	502.8	524.8	545.7	564.2	576.4	584.4	590.9	596.1	579.9	556.6
-75°	389.5	411.3	431.6	450.5	467.9	477.2	482.6	487.0	490.5	462.1	424.8
-77.5°	310.4	328.7	343.2	357.6	371.8	377.0	379.5	381.5	382.8	354.5	319.7
-80°	223.2	237.2	248.7	259.8	270.4	273.0	273.0	271.5	268.6	245.7	219.9
-82.5°	141.8	148.4	154.3	160.1	165.8	169.8	172.7	174.9	176.3	159.6	140.8
-85°	69.7	71.3	72.1	72.6	72.6	74.9	77.1	79.1	80.8	73.3	64.9
-87.5°	15.8	15.4	14.9	14.3	13.6	13.4	13.1	12.8	12.5	11.5	10.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-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°	9.6	8.6	7.5	6.4	7.5	8.6	9.6	10.6	11.5	12.5	12.8
85°	56.1	47.0	46.0	45.0	46.0	47.0	56.1	64.9	73.3	80.8	79.1
82.5°	121.1	100.6	97.4	94.3	97.4	100.6	121.1	140.8	159.6	176.3	174.9
80°	192.9	165.0	159.6	154.4	159.6	165.0	192.9	219.9	245.7	268.6	271.5
77.5°	283.0	244.8	233.6	223.0	233.6	244.8	283.0	319.7	354.5	382.8	381.5
75°	386.0	345.8	332.2	319.5	332.2	345.8	386.0	424.8	462.1	490.5	487.0
72.5°	533.0	508.5	483.8	456.7	483.8	508.5	533.0	556.6	579.9	596.1	590.9
70°	718.6	716.9	710.7	701.1	710.7	716.9	718.6	719.4	720.2	718.4	709.2
67.5°	883.6	882.9	885.1	885.5	885.1	882.9	883.6	881.5	876.5	867.6	854.0
65°	1072.1	1074.2	1078.6	1080.6	1078.6	1074.2	1072.1	1066.3	1056.7	1045.5	1030.8
62.5°	1324.3	1335.3	1340.7	1340.0	1340.7	1335.3	1324.3	1308.1	1286.9	1262.2	1236.0
60°	1564.2	1575.5	1582.7	1584.5	1582.7	1575.5	1564.2	1546.8	1523.6	1492.5	1455.2
57.5°	1837.6	1856.2	1866.1	1867.5	1866.1	1856.2	1837.6	1811.8	1779.2	1739.4	1692.1
55°	2173.9	2198.6	2209.7	2208.4	2209.7	2198.6	2173.9	2138.6	2092.5	2034.4	1968.3
52.5°	2568.8	2598.8	2621.3	2635.0	2621.3	2598.8	2568.8	2524.9	2466.9	2392.5	2302.4
50°	3082.9	3126.0	3153.4	3164.6	3153.4	3126.0	3082.9	3020.0	2936.2	2832.6	2712.9
47.5°	3726.0	3783.2	3825.5	3855.0	3825.5	3783.2	3726.0	3641.8	3525.2	3379.9	3212.5
45°	4563.9	4651.0	4710.2	4744.8	4710.2	4651.0	4563.9	4439.6	4271.2	4062.1	3824.7
42.5°	5684.9	5820.1	5902.9	5934.7	5902.9	5820.1	5684.9	5495.5	5252.9	4952.7	4637.9
40°	6985.8	7148.2	7254.8	7328.4	7254.8	7148.2	6985.8	6754.1	6460.8	6102.8	5712.5
37.5°	8340.8	8511.4	8615.1	8685.6	8615.1	8511.4	8340.8	8088.6	7760.0	7368.2	6906.8
35°	9723.1	9901.7	9999.0	10053.5	9999.0	9901.7	9723.1	9439.8	9063.9	8621.9	8120.1
32.5°	11142.3	11339.0	11444.9	11554.3	11444.9	11339.0	11142.3	10812.8	10380.6	9884.3	9334.0
30°	12624.5	12850.3	12961.0	13014.4	12961.0	12850.3	12624.5	12231.0	11733.1	11180.6	10558.7
27.5°	14166.8	14448.3	14586.9	14678.2	14586.9	14448.3	14166.8	13707.5	13138.3	12513.9	11800.2
25°	15771.6	16120.4	16279.2	16421.3	16279.2	16120.4	15771.6	15234.9	14599.5	13882.8	13065.5
22.5°	17436.6	17871.0	18054.9	18155.8	18054.9	17871.0	17436.6	16806.5	16091.2	15275.1	14361.2
20°	19145.1	19664.1	19919.6	20051.2	19919.6	19664.1	19145.1	18429.3	17601.4	16659.3	15641.0
17.5°	20892.2	21537.8	21868.5	21944.4	21868.5	21537.8	20892.2	20085.5	19125.1	18053.1	16889.1
15°	22607.4	23305.6	23696.5	23839.7	23696.5	23305.6	22607.4	21697.8	20625.6	19408.0	18097.6
12.5°	24231.6	24955.4	25422.4	25505.7	25422.4	24955.4	24231.6	23246.4	22088.6	20682.9	19232.3
10°	25704.7	26454.5	26970.3	27088.0	26970.3	26454.5	25704.7	24617.0	23293.0	21801.9	20203.7
7.5°	26936.3	27758.9	28328.8	28428.0	28328.8	27758.9	26936.3	25776.5	24311.6	22704.8	20999.3
5°	27837.3	28814.0	29281.8	29399.2	29281.8	28814.0	27837.3	26571.1	25052.9	23363.5	21580.6
2.5°	28331.6	29325.9	29976.0	29901.0	29976.0	29325.9	28331.6	27067.7	25507.6	23755.3	21925.3
0°	28387.3	29427.1	30048.9	30336.2	30048.9	29427.1	28387.3	27173.7	25619.3	23891.2	21989.4
-2.5°	28331.6	29325.9	29976.0	29901.0	29976.0	29325.9	28331.6	27067.7	25507.6	23755.3	21925.3
-5°	27837.3	28814.0	29281.8	29399.2	29281.8	28814.0	27837.3	26571.1	25052.9	23363.5	21580.6
-7.5°	26936.3	27758.9	28328.8	28428.0	28328.8	27758.9	26936.3	25776.5	24311.6	22704.8	20999.3
-10°	25704.7	26454.5	26970.3	27088.0	26970.3	26454.5	25704.7	24617.0	23293.0	21801.9	20203.7
-12.5°	24231.6	24955.4	25422.4	25505.7	25422.4	24955.4	24231.6	23246.4	22088.6	20682.9	19232.3
-15°	22607.4	23305.6	23696.5	23839.7	23696.5	23305.6	22607.4	21697.8	20625.6	19408.0	18097.6
-17.5°	20892.2	21537.8	21868.5	21944.4	21868.5	21537.8	20892.2	20085.5	19125.1	18053.1	16889.1
-20°	19145.1	19664.1	19919.6	20051.2	19919.6	19664.1	19145.1	18429.3	17601.4	16659.3	15641.0



REPORT NUMBER: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-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°	17436.6	17871.0	18054.9	18155.8	18054.9	17871.0	17436.6	16806.5	16091.2	15275.1	14361.2
-25°	15771.6	16120.4	16279.2	16421.3	16279.2	16120.4	15771.6	15234.9	14599.5	13882.8	13065.5
-27.5°	14166.8	14448.3	14586.9	14678.2	14586.9	14448.3	14166.8	13707.5	13138.3	12513.9	11800.2
-30°	12624.5	12850.3	12961.0	13014.4	12961.0	12850.3	12624.5	12231.0	11733.1	11180.6	10558.7
-32.5°	11142.3	11339.0	11444.9	11554.3	11444.9	11339.0	11142.3	10812.8	10380.6	9884.3	9334.0
-35°	9723.1	9901.7	9999.0	10053.5	9999.0	9901.7	9723.1	9439.8	9063.9	8621.9	8120.1
-37.5°	8340.8	8511.4	8615.1	8685.6	8615.1	8511.4	8340.8	8088.6	7760.0	7368.2	6906.8
-40°	6985.8	7148.2	7254.8	7328.4	7254.8	7148.2	6985.8	6754.1	6460.8	6102.8	5712.5
-42.5°	5684.9	5820.1	5902.9	5934.7	5902.9	5820.1	5684.9	5495.5	5252.9	4952.7	4637.9
-45°	4563.9	4651.0	4710.2	4744.8	4710.2	4651.0	4563.9	4439.6	4271.2	4062.1	3824.7
-47.5°	3726.0	3783.2	3825.5	3855.0	3825.5	3783.2	3726.0	3641.8	3525.2	3379.9	3212.5
-50°	3082.9	3126.0	3153.4	3164.6	3153.4	3126.0	3082.9	3020.0	2936.2	2832.6	2712.9
-52.5°	2568.8	2598.8	2621.3	2635.0	2621.3	2598.8	2568.8	2524.9	2466.9	2392.5	2302.4
-55°	2173.9	2198.6	2209.7	2208.4	2209.7	2198.6	2173.9	2138.6	2092.5	2034.4	1968.3
-57.5°	1837.6	1856.2	1866.1	1867.5	1866.1	1856.2	1837.6	1811.8	1779.2	1739.4	1692.1
-60°	1564.2	1575.5	1582.7	1584.5	1582.7	1575.5	1564.2	1546.8	1523.6	1492.5	1455.2
-62.5°	1324.3	1335.3	1340.7	1340.0	1340.7	1335.3	1324.3	1308.1	1286.9	1262.2	1236.0
-65°	1072.1	1074.2	1078.6	1080.6	1078.6	1074.2	1072.1	1066.3	1056.7	1045.5	1030.8
-67.5°	883.6	882.9	885.1	885.5	885.1	882.9	883.6	881.5	876.5	867.6	854.0
-70°	718.6	716.9	710.7	701.1	710.7	716.9	718.6	719.4	720.2	718.4	709.2
-72.5°	533.0	508.5	483.8	456.7	483.8	508.5	533.0	556.6	579.9	596.1	590.9
-75°	386.0	345.8	332.2	319.5	332.2	345.8	386.0	424.8	462.1	490.5	487.0
-77.5°	283.0	244.8	233.6	223.0	233.6	244.8	283.0	319.7	354.5	382.8	381.5
-80°	192.9	165.0	159.6	154.4	159.6	165.0	192.9	219.9	245.7	268.6	271.5
-82.5°	121.1	100.6	97.4	94.3	97.4	100.6	121.1	140.8	159.6	176.3	174.9
-85°	56.1	47.0	46.0	45.0	46.0	47.0	56.1	64.9	73.3	80.8	79.1
-87.5°	9.6	8.6	7.5	6.4	7.5	8.6	9.6	10.6	11.5	12.5	12.8
-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: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-750-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°	13.1	13.4	13.6	14.3	14.9	15.4	15.8	15.3	14.8	14.2	13.7
85°	77.1	74.9	72.6	72.6	72.1	71.3	69.7	62.5	55.6	49.2	43.5
82.5°	172.7	169.8	165.8	160.1	154.3	148.4	141.8	126.7	112.2	98.4	86.9
80°	273.0	273.0	270.4	259.8	248.7	237.2	223.2	199.3	176.3	154.9	139.8
77.5°	379.5	377.0	371.8	357.6	343.2	328.7	310.4	279.5	248.7	219.1	199.9
75°	482.6	477.2	467.9	450.5	431.6	411.3	389.5	362.8	332.2	297.5	272.2
72.5°	584.4	576.4	564.2	545.7	524.8	502.8	479.7	453.6	423.6	389.6	364.0
70°	698.0	685.1	668.6	647.7	626.0	602.8	578.9	552.1	520.9	486.9	460.0
67.5°	837.0	816.6	793.3	768.6	744.9	717.2	689.0	658.5	627.0	591.3	557.3
65°	1009.9	982.5	951.6	924.8	892.8	855.1	812.6	775.6	739.0	698.8	654.3
62.5°	1209.1	1182.4	1139.6	1095.5	1052.9	1009.7	958.2	906.4	856.5	806.1	754.1
60°	1412.7	1364.7	1318.3	1267.8	1213.3	1154.8	1098.4	1039.2	977.4	916.8	854.7
57.5°	1637.3	1578.0	1517.3	1452.2	1383.0	1316.5	1247.9	1174.3	1104.1	1030.7	956.4
55°	1895.0	1823.6	1746.0	1660.8	1573.0	1494.0	1410.1	1325.8	1240.5	1148.0	1066.0
52.5°	2200.9	2111.7	2012.1	1901.8	1798.6	1694.0	1584.8	1489.2	1385.0	1282.3	1180.2
50°	2590.4	2464.1	2327.0	2187.8	2060.0	1921.9	1793.6	1667.8	1541.7	1422.8	1303.9
47.5°	3057.1	2889.9	2702.5	2529.8	2360.3	2189.1	2031.3	1864.9	1720.3	1570.5	1438.4
45°	3624.6	3401.8	3161.0	2941.6	2703.5	2496.8	2295.5	2104.2	1914.1	1745.0	1576.4
42.5°	4349.9	4025.2	3719.5	3428.5	3128.5	2856.8	2588.7	2361.9	2138.9	1929.5	1739.4
40°	5282.8	4809.9	4417.4	3999.5	3636.4	3272.4	2952.0	2637.6	2384.2	2136.2	1904.3
37.5°	6384.2	5830.6	5270.2	4698.5	4225.5	3768.2	3355.7	2985.6	2640.9	2358.9	2091.3
35°	7548.9	6923.7	6252.5	5582.6	4892.1	4338.2	3814.0	3358.1	2955.8	2592.1	2283.7
32.5°	8711.0	8024.5	7285.6	6521.5	5745.8	4970.4	4341.2	3776.4	3273.2	2859.0	2494.0
30°	9872.5	9119.1	8309.7	7475.2	6624.2	5754.0	4895.5	4235.7	3644.9	3125.5	2705.6
27.5°	11037.9	10221.4	9335.6	8417.5	7500.1	6551.2	5599.8	4709.6	4019.5	3432.4	2937.8
25°	12204.5	11291.6	10340.5	9341.1	8340.9	7332.1	6281.1	5288.6	4439.6	3739.6	3151.8
22.5°	13374.7	12349.6	11289.3	10215.8	9140.3	8062.3	6962.2	5855.8	4837.6	4052.0	3402.3
20°	14530.9	13379.6	12219.0	11055.3	9895.9	8743.1	7593.1	6412.0	5305.5	4375.5	3636.1
17.5°	15644.6	14365.6	13105.6	11844.1	10604.0	9381.8	8158.7	6925.2	5723.3	4663.4	3842.5
15°	16705.2	15309.7	13941.2	12586.7	11248.4	9935.8	8659.6	7375.9	6103.3	4963.7	4068.9
12.5°	17706.0	16183.0	14692.2	13222.0	11800.1	10424.3	9097.5	7771.5	6461.2	5256.3	4270.7
10°	18560.7	16926.7	15322.2	13771.8	12277.8	10839.8	9458.9	8106.2	6768.0	5499.7	4435.7
7.5°	19255.8	17524.9	15832.9	14206.3	12652.4	11170.6	9737.9	8363.0	7010.9	5690.0	4563.1
5°	19763.7	17964.7	16211.3	14528.2	12911.8	11411.3	9934.8	8538.6	7186.9	5825.3	4652.1
2.5°	20078.6	18230.8	16436.3	14723.8	13062.8	11555.9	10049.1	8644.8	7287.4	5899.7	4708.0
0°	20136.9	18355.2	16507.1	14744.7	13149.5	11599.3	10079.2	8683.4	7313.4	5915.4	4725.5
-2.5°	20078.6	18230.8	16436.3	14723.8	13062.8	11555.9	10049.1	8644.8	7287.4	5899.7	4708.0
-5°	19763.7	17964.7	16211.3	14528.2	12911.8	11411.3	9934.8	8538.6	7186.9	5825.3	4652.1
-7.5°	19255.8	17524.9	15832.9	14206.3	12652.4	11170.6	9737.9	8363.0	7010.9	5690.0	4563.1
-10°	18560.7	16926.7	15322.2	13771.8	12277.8	10839.8	9458.9	8106.2	6768.0	5499.7	4435.7
-12.5°	17706.0	16183.0	14692.2	13222.0	11800.1	10424.3	9097.5	7771.5	6461.2	5256.3	4270.7
-15°	16705.2	15309.7	13941.2	12586.7	11248.4	9935.8	8659.6	7375.9	6103.3	4963.7	4068.9
-17.5°	15644.6	14365.6	13105.6	11844.1	10604.0	9381.8	8158.7	6925.2	5723.3	4663.4	3842.5
-20°	14530.9	13379.6	12219.0	11055.3	9895.9	8743.1	7593.1	6412.0	5305.5	4375.5	3636.1



REPORT NUMBER: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13374.7	12349.6	11289.3	10215.8	9140.3	8062.3	6962.2	5855.8	4837.6	4052.0	3402.3
-25°	12204.5	11291.6	10340.5	9341.1	8340.9	7332.1	6281.1	5288.6	4439.6	3739.6	3151.8
-27.5°	11037.9	10221.4	9335.6	8417.5	7500.1	6551.2	5599.8	4709.6	4019.5	3432.4	2937.8
-30°	9872.5	9119.1	8309.7	7475.2	6624.2	5754.0	4895.5	4235.7	3644.9	3125.5	2705.6
-32.5°	8711.0	8024.5	7285.6	6521.5	5745.8	4970.4	4341.2	3776.4	3273.2	2859.0	2494.0
-35°	7548.9	6923.7	6252.5	5582.6	4892.1	4338.2	3814.0	3358.1	2955.8	2592.1	2283.7
-37.5°	6384.2	5830.6	5270.2	4698.5	4225.5	3768.2	3355.7	2985.6	2640.9	2358.9	2091.3
-40°	5282.8	4809.9	4417.4	3999.5	3636.4	3272.4	2952.0	2637.6	2384.2	2136.2	1904.3
-42.5°	4349.9	4025.2	3719.5	3428.5	3128.5	2856.8	2588.7	2361.9	2138.9	1929.5	1739.4
-45°	3624.6	3401.8	3161.0	2941.6	2703.5	2496.8	2295.5	2104.2	1914.1	1745.0	1576.4
-47.5°	3057.1	2889.9	2702.5	2529.8	2360.3	2189.1	2031.3	1864.9	1720.3	1570.5	1438.4
-50°	2590.4	2464.1	2327.0	2187.8	2060.0	1921.9	1793.6	1667.8	1541.7	1422.8	1303.9
-52.5°	2200.9	2111.7	2012.1	1901.8	1798.6	1694.0	1584.8	1489.2	1385.0	1282.3	1180.2
-55°	1895.0	1823.6	1746.0	1660.8	1573.0	1494.0	1410.1	1325.8	1240.5	1148.0	1066.0
-57.5°	1637.3	1578.0	1517.3	1452.2	1383.0	1316.5	1247.9	1174.3	1104.1	1030.7	956.4
-60°	1412.7	1364.7	1318.3	1267.8	1213.3	1154.8	1098.4	1039.2	977.4	916.8	854.7
-62.5°	1209.1	1182.4	1139.6	1095.5	1052.9	1009.7	958.2	906.4	856.5	806.1	754.1
-65°	1009.9	982.5	951.6	924.8	892.8	855.1	812.6	775.6	739.0	698.8	654.3
-67.5°	837.0	816.6	793.3	768.6	744.9	717.2	689.0	658.5	627.0	591.3	557.3
-70°	698.0	685.1	668.6	647.7	626.0	602.8	578.9	552.1	520.9	486.9	460.0
-72.5°	584.4	576.4	564.2	545.7	524.8	502.8	479.7	453.6	423.6	389.6	364.0
-75°	482.6	477.2	467.9	450.5	431.6	411.3	389.5	362.8	332.2	297.5	272.2
-77.5°	379.5	377.0	371.8	357.6	343.2	328.7	310.4	279.5	248.7	219.1	199.9
-80°	273.0	273.0	270.4	259.8	248.7	237.2	223.2	199.3	176.3	154.9	139.8
-82.5°	172.7	169.8	165.8	160.1	154.3	148.4	141.8	126.7	112.2	98.4	86.9
-85°	77.1	74.9	72.6	72.6	72.1	71.3	69.7	62.5	55.6	49.2	43.5
-87.5°	13.1	13.4	13.6	14.3	14.9	15.4	15.8	15.3	14.8	14.2	13.7
-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: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-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°	15.2	16.6	17.7	18.5	19.0	19.3	19.3	19.0	18.2	17.2	15.9
85°	45.5	46.4	46.2	44.9	41.9	38.7	38.7	38.1	36.5	34.5	31.9
82.5°	90.3	93.1	94.6	94.0	88.2	82.0	75.5	68.5	61.1	52.7	47.8
80°	145.1	148.2	149.3	146.8	136.5	125.3	115.7	105.7	96.0	84.9	72.6
77.5°	204.1	206.5	207.1	203.3	190.1	175.9	160.5	144.5	130.8	117.1	101.8
75°	267.6	268.5	267.9	261.0	244.8	226.4	207.9	187.9	167.9	149.2	130.8
72.5°	350.2	339.0	330.5	319.4	301.6	280.8	257.2	230.6	205.3	181.5	159.4
70°	436.5	412.7	394.2	377.2	357.5	335.6	309.4	276.0	242.1	213.2	186.3
67.5°	526.6	497.1	467.4	436.4	412.1	387.4	360.8	320.7	280.1	244.3	212.7
65°	614.3	577.9	544.3	504.0	468.7	438.6	408.6	363.1	316.7	275.0	238.5
62.5°	702.7	653.8	611.7	568.1	525.5	488.2	454.3	402.6	351.8	304.4	263.0
60°	793.5	736.2	678.9	628.5	580.5	535.2	493.0	440.8	385.8	332.4	286.1
57.5°	887.6	818.8	753.3	690.5	634.5	582.4	530.2	476.1	418.7	360.9	307.0
55°	982.5	904.9	827.9	755.9	689.6	630.2	568.8	509.8	450.2	388.6	323.6
52.5°	1084.5	993.4	906.6	822.6	746.6	676.8	610.0	542.8	480.2	415.3	341.7
50°	1192.4	1087.2	988.0	894.0	803.2	725.6	650.1	578.9	509.4	441.1	358.7
47.5°	1305.8	1186.7	1073.8	966.2	867.5	772.7	692.2	614.4	537.9	466.5	374.2
45°	1430.7	1289.0	1161.9	1043.8	929.1	826.2	733.6	648.7	568.7	484.7	388.1
42.5°	1556.2	1399.4	1253.3	1118.9	996.3	880.2	773.4	684.3	598.3	501.3	401.8
40°	1700.9	1512.3	1345.3	1199.6	1062.6	931.8	819.2	718.7	625.9	517.8	415.0
37.5°	1842.0	1633.8	1445.7	1276.5	1128.0	990.0	863.5	751.3	647.7	535.9	427.0
35°	2008.3	1759.2	1541.3	1358.1	1195.3	1045.5	905.2	784.7	671.6	553.2	437.6
32.5°	2169.8	1886.9	1648.8	1441.5	1258.8	1097.9	949.3	818.8	695.9	569.7	447.0
30°	2347.3	2025.8	1750.3	1519.6	1322.0	1151.9	993.8	851.0	720.5	585.2	456.1
27.5°	2517.7	2153.9	1848.9	1602.4	1388.7	1202.4	1035.0	881.1	745.1	601.5	467.4
25°	2686.7	2292.2	1957.7	1681.2	1450.0	1248.3	1072.8	909.3	769.2	619.7	477.5
22.5°	2870.0	2426.0	2055.7	1752.1	1505.4	1290.2	1108.9	940.1	791.4	637.0	486.4
20°	3038.6	2546.9	2143.3	1819.9	1560.4	1335.4	1142.7	967.6	811.3	653.4	493.9
17.5°	3197.6	2669.7	2241.0	1893.2	1612.5	1375.4	1172.4	991.8	828.9	668.4	500.0
15°	3364.5	2791.7	2328.9	1956.7	1657.5	1409.8	1197.9	1012.6	844.0	681.9	505.7
12.5°	3507.0	2894.9	2402.7	2010.2	1695.3	1438.6	1219.2	1030.0	856.6	693.4	510.9
10°	3624.4	2978.8	2462.3	2053.3	1725.8	1461.7	1236.1	1044.0	867.1	702.3	513.8
7.5°	3715.9	3042.8	2507.3	2086.0	1749.2	1479.8	1250.2	1054.9	875.3	708.5	514.4
5°	3779.8	3087.4	2540.4	2108.9	1766.9	1492.7	1260.3	1062.2	880.8	711.9	512.9
2.5°	3813.4	3112.7	2560.7	2121.1	1777.1	1499.7	1265.9	1065.8	883.5	712.4	509.4
0°	3818.6	3117.5	2566.4	2122.6	1779.6	1500.8	1267.1	1065.6	883.3	709.7	503.9
-2.5°	3813.4	3112.7	2560.7	2121.1	1777.1	1499.7	1265.9	1065.8	883.5	712.4	509.4
-5°	3779.8	3087.4	2540.4	2108.9	1766.9	1492.7	1260.3	1062.2	880.8	711.9	512.9
-7.5°	3715.9	3042.8	2507.3	2086.0	1749.2	1479.8	1250.2	1054.9	875.3	708.5	514.4
-10°	3624.4	2978.8	2462.3	2053.3	1725.8	1461.7	1236.1	1044.0	867.1	702.3	513.8
-12.5°	3507.0	2894.9	2402.7	2010.2	1695.3	1438.6	1219.2	1030.0	856.6	693.4	510.9
-15°	3364.5	2791.7	2328.9	1956.7	1657.5	1409.8	1197.9	1012.6	844.0	681.9	505.7
-17.5°	3197.6	2669.7	2241.0	1893.2	1612.5	1375.4	1172.4	991.8	828.9	668.4	500.0
-20°	3038.6	2546.9	2143.3	1819.9	1560.4	1335.4	1142.7	967.6	811.3	653.4	493.9

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

Scaled Data Report



REPORT NUMBER: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-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°	2870.0	2426.0	2055.7	1752.1	1505.4	1290.2	1108.9	940.1	791.4	637.0	486.4
-25°	2686.7	2292.2	1957.7	1681.2	1450.0	1248.3	1072.8	909.3	769.2	619.7	477.5
-27.5°	2517.7	2153.9	1848.9	1602.4	1388.7	1202.4	1035.0	881.1	745.1	601.5	467.4
-30°	2347.3	2025.8	1750.3	1519.6	1322.0	1151.9	993.8	851.0	720.5	585.2	456.1
-32.5°	2169.8	1886.9	1648.8	1441.5	1258.8	1097.9	949.3	818.8	695.9	569.7	447.0
-35°	2008.3	1759.2	1541.3	1358.1	1195.3	1045.5	905.2	784.7	671.6	553.2	437.6
-37.5°	1842.0	1633.8	1445.7	1276.5	1128.0	990.0	863.5	751.3	647.7	535.9	427.0
-40°	1700.9	1512.3	1345.3	1199.6	1062.6	931.8	819.2	718.7	625.9	517.8	415.0
-42.5°	1556.2	1399.4	1253.3	1118.9	996.3	880.2	773.4	684.3	598.3	501.3	401.8
-45°	1430.7	1289.0	1161.9	1043.8	929.1	826.2	733.6	648.7	568.7	484.7	388.1
-47.5°	1305.8	1186.7	1073.8	966.2	867.5	772.7	692.2	614.4	537.9	466.5	374.2
-50°	1192.4	1087.2	988.0	894.0	803.2	725.6	650.1	578.9	509.4	441.1	358.7
-52.5°	1084.5	993.4	906.6	822.6	746.6	676.8	610.0	542.8	480.2	415.3	341.7
-55°	982.5	904.9	827.9	755.9	689.6	630.2	568.8	509.8	450.2	388.6	323.6
-57.5°	887.6	818.8	753.3	690.5	634.5	582.4	530.2	476.1	418.7	360.9	307.0
-60°	793.5	736.2	678.9	628.5	580.5	535.2	493.0	440.8	385.8	332.4	286.1
-62.5°	702.7	653.8	611.7	568.1	525.5	488.2	454.3	402.6	351.8	304.4	263.0
-65°	614.3	577.9	544.3	504.0	468.7	438.6	408.6	363.1	316.7	275.0	238.5
-67.5°	526.6	497.1	467.4	436.4	412.1	387.4	360.8	320.7	280.1	244.3	212.7
-70°	436.5	412.7	394.2	377.2	357.5	335.6	309.4	276.0	242.1	213.2	186.3
-72.5°	350.2	339.0	330.5	319.4	301.6	280.8	257.2	230.6	205.3	181.5	159.4
-75°	267.6	268.5	267.9	261.0	244.8	226.4	207.9	187.9	167.9	149.2	130.8
-77.5°	204.1	206.5	207.1	203.3	190.1	175.9	160.5	144.5	130.8	117.1	101.8
-80°	145.1	148.2	149.3	146.8	136.5	125.3	115.7	105.7	96.0	84.9	72.6
-82.5°	90.3	93.1	94.6	94.0	88.2	82.0	75.5	68.5	61.1	52.7	47.8
-85°	45.5	46.4	46.2	44.9	41.9	38.7	38.7	38.1	36.5	34.5	31.9
-87.5°	15.2	16.6	17.7	18.5	19.0	19.3	19.3	19.0	18.2	17.2	15.9
-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: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-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°	14.4	11.2	8.4	5.8	3.5	1.5	0.0
85°	28.8	22.4	16.7	11.6	7.1	3.1	0.0
82.5°	43.0	33.5	25.0	17.3	10.6	4.6	0.0
80°	58.4	44.5	33.2	23.0	14.1	6.1	0.0
77.5°	83.4	57.9	41.2	28.6	17.5	7.6	0.0
75°	107.7	75.8	49.9	34.1	20.9	9.1	0.0
72.5°	131.2	93.0	61.9	39.5	24.2	10.6	0.0
70°	153.5	109.6	73.4	45.2	27.4	12.0	0.0
67.5°	172.9	125.5	84.4	52.2	30.5	13.4	0.0
65°	191.3	140.0	94.9	58.9	33.5	14.7	0.0
62.5°	208.7	153.4	104.8	65.3	36.4	16.0	0.0
60°	224.9	165.9	114.0	71.3	39.2	17.3	0.0
57.5°	239.6	177.5	122.6	76.9	42.6	18.5	0.0
55°	253.2	188.3	130.6	82.1	45.9	19.7	0.0
52.5°	265.6	198.1	137.9	86.9	49.1	20.8	0.0
50°	276.9	207.1	144.6	91.1	52.1	21.9	0.0
47.5°	287.3	215.2	150.5	95.1	55.0	22.9	0.0
45°	299.1	222.4	155.8	98.9	57.7	23.9	0.0
42.5°	309.6	228.7	160.3	102.3	60.3	24.8	0.0
40°	318.8	234.0	164.4	106.1	62.7	25.6	0.0
37.5°	326.7	238.3	168.0	109.9	65.0	26.4	0.0
35°	333.2	243.2	171.0	113.4	67.0	27.1	0.0
32.5°	339.2	247.8	173.2	116.6	69.0	27.7	0.0
30°	345.9	251.4	174.8	119.5	70.7	28.3	0.0
27.5°	351.3	253.9	178.5	122.0	72.2	28.8	0.0
25°	355.5	255.4	182.1	124.3	73.6	29.2	0.0
22.5°	358.5	257.4	185.3	126.2	74.8	29.6	0.0
20°	360.3	262.1	188.0	127.7	75.8	29.9	0.0
17.5°	364.3	266.0	190.3	129.0	76.6	30.1	0.0
15°	369.2	269.0	192.1	129.9	77.3	30.3	0.0
12.5°	372.7	271.2	193.5	130.4	77.7	30.4	0.0
10°	374.9	272.6	194.4	130.7	78.0	30.5	0.0
7.5°	375.8	273.1	194.7	130.6	78.1	30.4	0.0
5°	375.4	272.9	194.7	130.3	78.0	30.4	0.0
2.5°	373.7	272.0	194.1	129.6	77.7	30.2	0.0
0°	370.9	270.2	193.0	128.6	77.2	30.0	0.0
-2.5°	373.7	272.0	194.1	129.6	77.7	30.2	0.0
-5°	375.4	272.9	194.7	130.3	78.0	30.4	0.0
-7.5°	375.8	273.1	194.7	130.6	78.1	30.4	0.0
-10°	374.9	272.6	194.4	130.7	78.0	30.5	0.0
-12.5°	372.7	271.2	193.5	130.4	77.7	30.4	0.0
-15°	369.2	269.0	192.1	129.9	77.3	30.3	0.0
-17.5°	364.3	266.0	190.3	129.0	76.6	30.1	0.0
-20°	360.3	262.1	188.0	127.7	75.8	29.9	0.0

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REPORT NUMBER: P627483 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	358.5	257.4	185.3	126.2	74.8	29.6	0.0
-25°	355.5	255.4	182.1	124.3	73.6	29.2	0.0
-27.5°	351.3	253.9	178.5	122.0	72.2	28.8	0.0
-30°	345.9	251.4	174.8	119.5	70.7	28.3	0.0
-32.5°	339.2	247.8	173.2	116.6	69.0	27.7	0.0
-35°	333.2	243.2	171.0	113.4	67.0	27.1	0.0
-37.5°	326.7	238.3	168.0	109.9	65.0	26.4	0.0
-40°	318.8	234.0	164.4	106.1	62.7	25.6	0.0
-42.5°	309.6	228.7	160.3	102.3	60.3	24.8	0.0
-45°	299.1	222.4	155.8	98.9	57.7	23.9	0.0
-47.5°	287.3	215.2	150.5	95.1	55.0	22.9	0.0
-50°	276.9	207.1	144.6	91.1	52.1	21.9	0.0
-52.5°	265.6	198.1	137.9	86.9	49.1	20.8	0.0
-55°	253.2	188.3	130.6	82.1	45.9	19.7	0.0
-57.5°	239.6	177.5	122.6	76.9	42.6	18.5	0.0
-60°	224.9	165.9	114.0	71.3	39.2	17.3	0.0
-62.5°	208.7	153.4	104.8	65.3	36.4	16.0	0.0
-65°	191.3	140.0	94.9	58.9	33.5	14.7	0.0
-67.5°	172.9	125.5	84.4	52.2	30.5	13.4	0.0
-70°	153.5	109.6	73.4	45.2	27.4	12.0	0.0
-72.5°	131.2	93.0	61.9	39.5	24.2	10.6	0.0
-75°	107.7	75.8	49.9	34.1	20.9	9.1	0.0
-77.5°	83.4	57.9	41.2	28.6	17.5	7.6	0.0
-80°	58.4	44.5	33.2	23.0	14.1	6.1	0.0
-82.5°	43.0	33.5	25.0	17.3	10.6	4.6	0.0
-85°	28.8	22.4	16.7	11.6	7.1	3.1	0.0
-87.5°	14.4	11.2	8.4	5.8	3.5	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)