

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: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-750-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

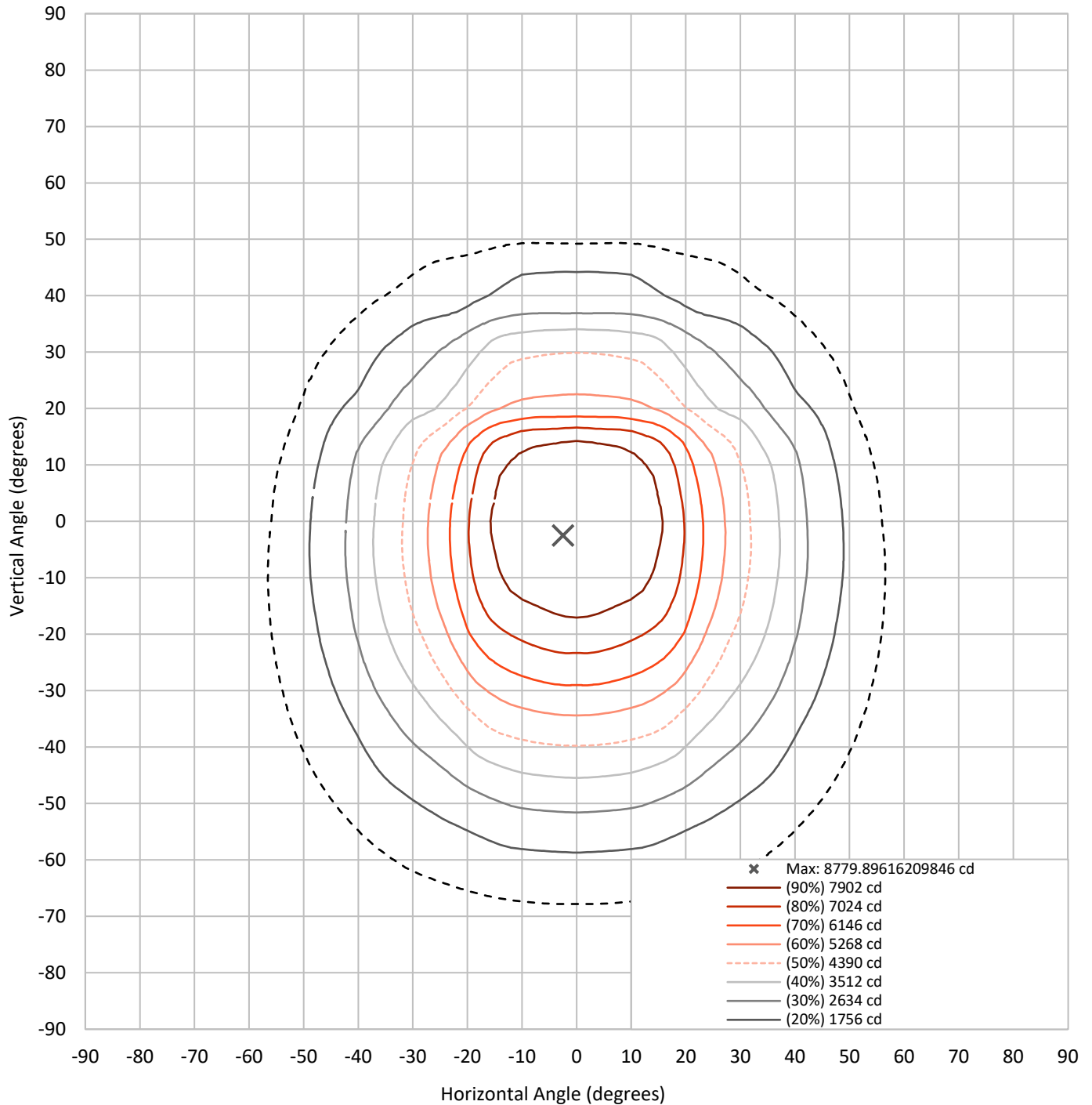
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11717.1 lumens	Max Intensity:	8779.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	125.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	6779.1 lumens	Field Lumens:	11118.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	93.7		
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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CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

Iso-Candela Plot





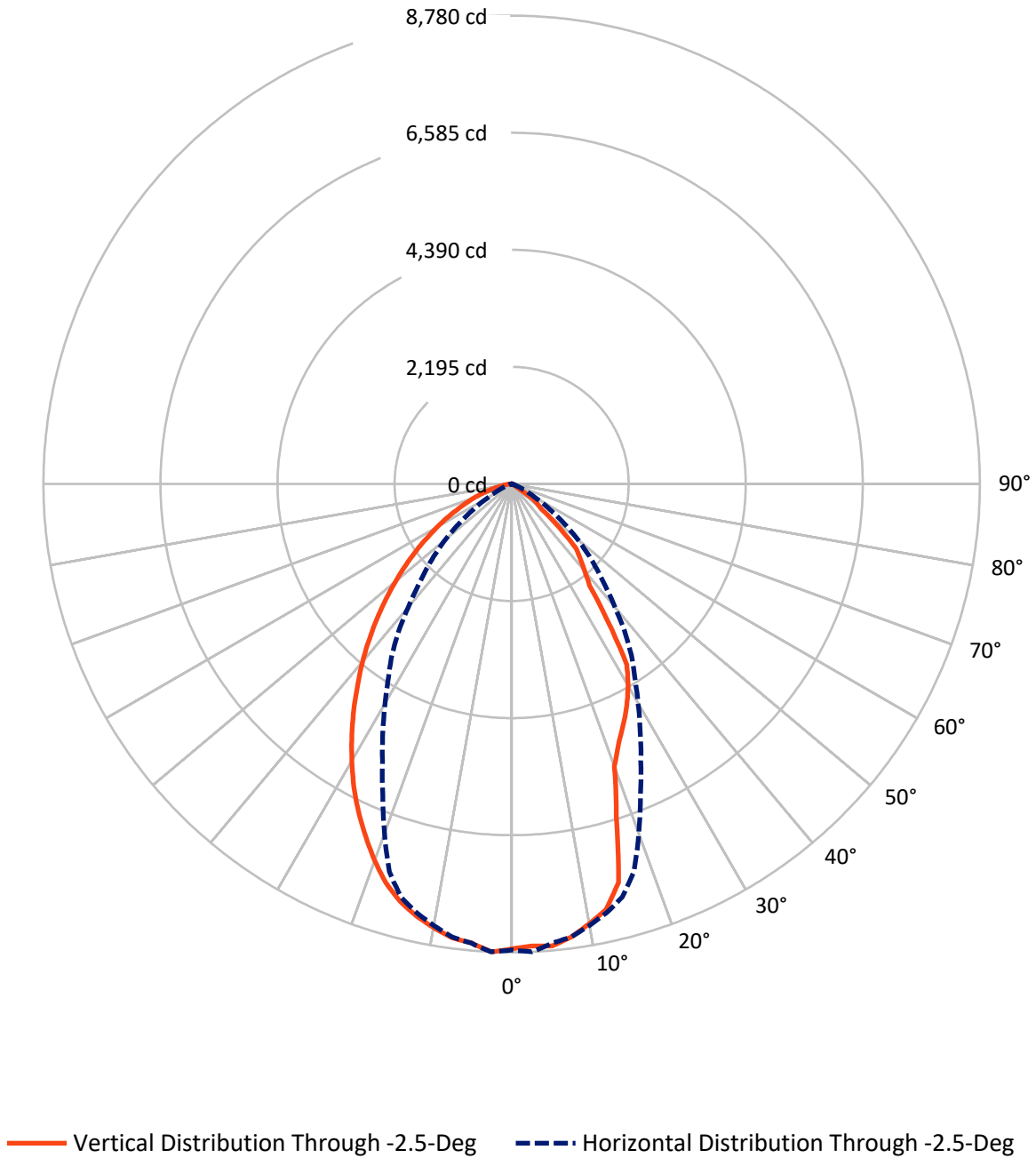
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Lumen Table

90																			
80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0					
70																			
60	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1				
50		0.1	0.2	1.1	3.2	6.2	9.1	11.4	11.4	9.1	6.2	3.2	1.1	0.2		0.1			
40	0.2	0.2	1.3	6.0	14.5	26.2	38.6	47.3	47.3	38.6	26.2	14.5	6.0	1.3	0.2	0.2			
30		0.6	4.3	15.2	33.9	55.1	82.5	96.5	96.5	82.5	55.1	33.9	15.2	4.3	0.6				
20	0.4	1.3	8.4	27.0	54.7	86.8	130.1	149.6	149.6	130.1	86.8	54.7	27.0	8.4	1.3	0.4			
10		2.2	12.9	39.9	78.8	129.7	193.1	221.5	221.5	193.1	129.7	78.8	39.9	12.9	2.2				
0	0.6	3.0	16.8	47.4	94.3	155.0	228.0	258.8	258.8	228.0	155.0	94.3	47.4	16.8	3.0	0.6			
-10		3.6	18.5	49.2	96.8	158.6	229.7	259.8	259.8	229.7	158.6	96.8	49.2	18.5	3.6				
-20	0.7	3.8	18.1	46.6	91.3	148.5	213.2	240.9	240.9	213.2	148.5	91.3	46.6	18.1	3.8	0.7			
-30		3.4	15.8	40.6	78.8	126.2	178.7	202.4	202.4	178.7	126.2	78.8	40.6	15.8	3.4				
-40	0.7	2.9	12.6	32.0	62.0	97.4	136.5	154.6	154.6	136.5	97.4	62.0	32.0	12.6	2.9	0.7			
-50		2.3	9.3	22.8	44.4	68.5	94.5	107.2	107.2	94.5	68.5	44.4	22.8	9.3	2.3				
-60	0.6	1.7	6.1	14.6	27.6	42.5	57.8	65.9	65.9	57.8	42.5	27.6	14.6	6.1	1.7	0.6			
-70		1.2	3.7	8.5	15.2	22.5	29.8	33.8	33.8	29.8	22.5	15.2	8.5	3.7	1.2				
-80	0.2	2.7	12.6	27.6	30.8	27.6	12.6	2.7	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

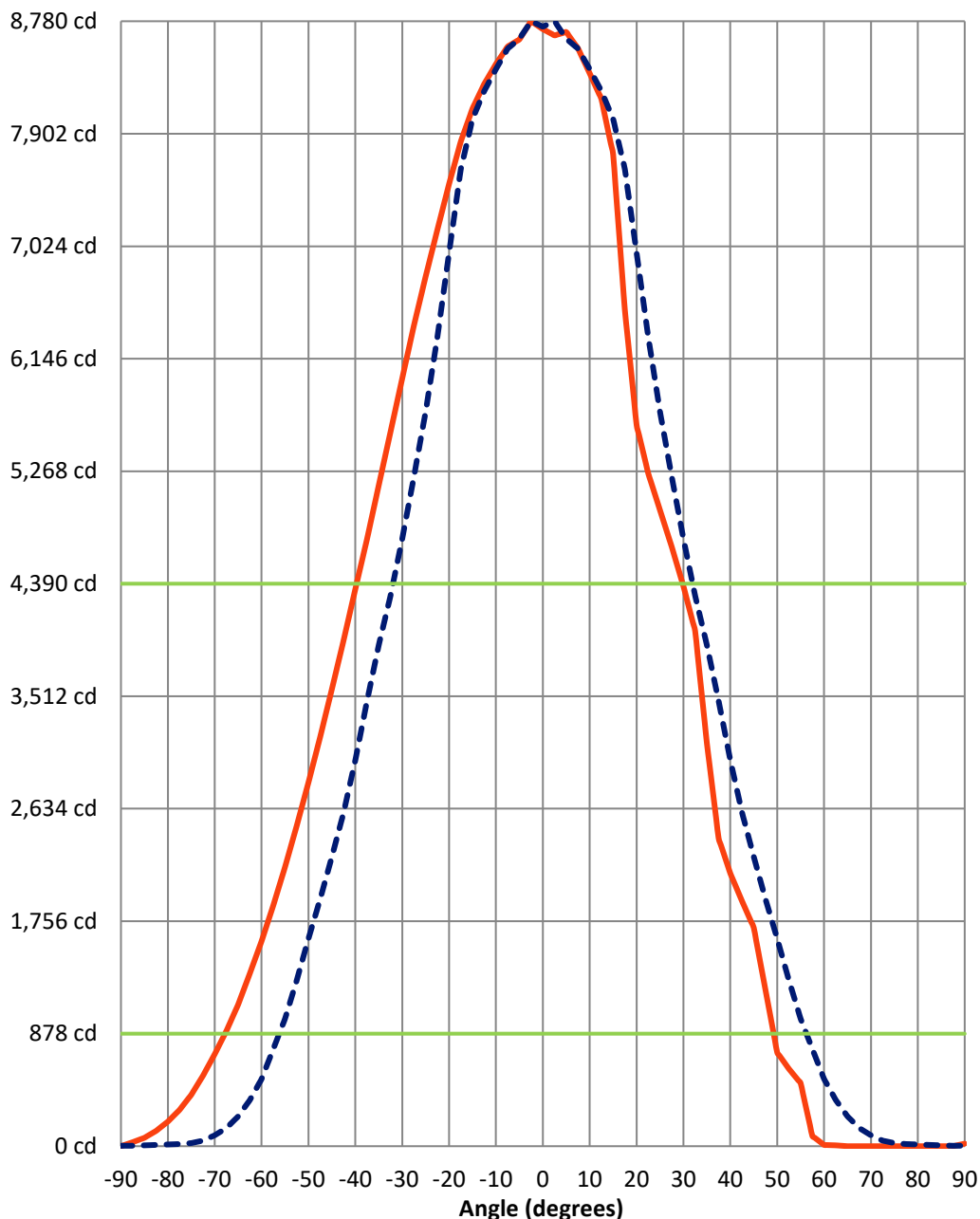
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 6779.1
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 11118.8
 Efficiency: 94.9%

Spill:
 Lumens: 598.3
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	3.3	3.3	3.3	4.1	5.0	5.8	6.6	7.4	8.2	9.0	9.8
87.5°	3.3	3.3	3.3	3.2	3.0	2.8	2.4	1.7	1.1	0.5	0.0
85°	3.3	3.3	3.3	3.1	2.7	2.2	1.6	1.0	0.5	0.2	0.0
82.5°	3.3	3.3	3.3	3.0	2.5	1.7	0.8	0.3	0.1	0.5	0.9
80°	3.3	3.3	3.3	2.9	2.2	1.2	0.2	0.7	1.2	1.7	2.3
77.5°	3.3	3.3	3.3	2.8	1.9	1.1	1.0	1.6	2.3	3.0	3.0
75°	3.3	3.3	3.3	2.7	1.8	1.6	1.8	2.6	3.3	2.7	1.7
72.5°	3.3	3.3	3.3	2.7	2.1	2.1	2.6	3.3	2.8	1.9	0.6
70°	3.3	3.3	3.3	2.6	2.4	2.6	3.3	3.1	2.4	1.3	1.5
67.5°	3.3	3.3	3.3	2.8	2.6	3.1	3.4	3.0	2.1	2.6	2.9
65°	3.3	3.3	3.3	2.9	2.9	3.4	3.5	3.0	3.3	3.8	4.1
62.5°	3.3	3.3	3.3	3.0	3.1	3.7	3.7	3.7	4.4	5.0	4.5
60°	3.3	3.3	3.3	3.1	3.3	4.0	3.9	4.7	5.6	5.7	5.1
57.5°	3.3	3.3	3.3	3.1	3.6	4.3	4.7	5.7	6.5	6.6	6.4
55°	3.3	3.3	3.4	3.2	3.9	4.6	5.5	6.7	7.5	7.6	8.0
52.5°	3.3	3.3	3.4	3.2	4.3	5.1	6.3	7.6	8.5	9.0	9.5
50°	3.3	3.3	3.5	3.3	4.7	5.7	7.1	8.5	9.7	10.4	11.1
47.5°	3.3	3.3	3.6	3.4	5.0	6.4	7.9	9.4	10.9	11.8	12.6
45°	3.3	3.3	3.7	3.7	5.4	7.0	8.7	10.3	12.1	13.2	14.1
42.5°	3.3	3.3	3.8	4.0	5.9	7.6	9.4	11.3	13.3	14.5	17.1
40°	3.3	3.3	3.9	4.4	6.3	8.2	10.1	12.4	14.6	15.9	20.4
37.5°	3.3	3.3	4.1	4.8	6.8	8.8	10.8	13.6	16.0	18.0	23.8
35°	3.3	3.3	4.2	5.2	7.2	9.4	11.5	14.8	17.4	22.2	30.3
32.5°	3.3	3.3	4.3	5.7	7.6	9.9	12.3	16.0	18.9	27.0	43.2
30°	3.3	3.3	4.5	6.1	8.1	10.4	13.3	17.3	20.5	32.5	55.8
27.5°	3.3	3.3	4.7	6.5	8.6	10.9	14.3	18.6	23.2	38.7	68.0
25°	3.3	3.3	4.8	6.8	9.1	11.4	15.2	19.8	27.9	47.6	79.9
22.5°	3.3	3.3	5.0	7.2	9.6	11.9	16.2	21.1	32.9	57.5	95.7
20°	3.3	3.3	5.2	7.6	10.0	12.5	17.1	22.4	38.1	66.9	111.4
17.5°	3.3	3.3	5.4	7.9	10.5	13.1	18.1	23.7	43.4	75.7	126.8
15°	3.3	3.3	5.6	8.2	10.9	13.7	19.0	25.3	48.7	83.9	141.8
12.5°	3.3	3.3	5.8	8.5	11.3	14.2	19.8	27.6	54.6	91.6	156.2
10°	3.3	3.3	5.9	8.8	11.7	14.7	20.6	30.0	60.8	100.5	170.5
7.5°	3.3	3.3	6.1	9.1	12.1	15.2	21.3	32.4	66.8	109.2	185.7
5°	3.3	3.3	6.3	9.3	12.5	15.6	21.9	34.8	72.3	117.2	199.6
2.5°	3.3	3.3	6.4	9.6	12.8	16.0	22.4	37.1	77.4	124.6	212.1
0°	3.3	3.3	6.6	9.8	13.1	16.4	22.9	39.3	81.9	131.1	222.9
-2.5°	3.3	3.3	6.6	9.8	13.4	16.7	24.2	43.3	85.2	141.4	232.7
-5°	3.3	3.3	6.6	9.8	13.6	17.1	25.4	47.0	87.8	150.5	240.7
-7.5°	3.3	3.3	6.5	9.7	13.8	17.4	26.4	50.2	89.8	157.9	246.9
-10°	3.3	3.3	6.5	9.7	14.0	17.6	27.2	52.8	91.4	163.3	251.5
-12.5°	3.3	3.3	6.4	9.6	14.1	17.8	27.9	54.8	92.4	166.1	255.1
-15°	3.3	3.3	6.4	9.5	14.1	18.0	28.3	56.0	94.3	165.8	256.4
-17.5°	3.3	3.3	6.3	9.4	14.1	18.1	28.5	57.2	97.1	164.1	254.8
-20°	3.3	3.3	6.2	9.2	14.0	18.3	29.2	58.4	99.0	161.1	250.1

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Scaled Data Report



REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.3	3.3	6.1	9.1	13.9	18.3	31.1	58.9	99.8	156.8	242.1
-25°	3.3	3.3	6.0	8.9	13.6	19.5	32.6	58.7	99.5	151.2	230.8
-27.5°	3.3	3.3	5.9	8.7	13.3	21.1	33.8	57.8	98.1	146.5	222.5
-30°	3.3	3.3	5.7	8.5	12.9	22.4	34.6	56.2	96.3	144.3	213.2
-32.5°	3.3	3.3	5.6	8.3	13.4	23.4	35.0	56.3	93.9	140.7	202.6
-35°	3.3	3.3	5.4	8.1	13.8	24.3	36.0	56.6	90.7	135.7	191.0
-37.5°	3.3	3.3	5.2	7.8	14.0	24.8	36.9	56.4	86.5	129.1	185.7
-40°	3.3	3.3	5.1	7.5	14.1	25.0	37.5	55.7	81.4	122.8	179.9
-42.5°	3.3	3.3	4.9	7.4	14.2	25.0	37.7	54.4	78.5	117.7	171.0
-45°	3.3	3.3	4.7	7.4	14.3	24.8	37.5	53.2	76.3	111.5	159.8
-47.5°	3.3	3.3	4.5	7.4	14.2	24.5	37.0	52.4	73.6	103.9	151.0
-50°	3.3	3.3	4.2	7.3	13.9	23.9	36.2	51.2	71.4	101.2	140.5
-52.5°	3.3	3.3	4.0	7.2	13.5	23.2	35.2	49.4	69.6	97.6	129.2
-55°	3.3	3.3	3.8	7.0	13.0	22.2	33.9	47.2	67.3	93.2	123.8
-57.5°	3.3	3.3	3.5	6.7	12.2	21.0	32.4	45.2	64.1	88.6	117.4
-60°	3.3	3.3	3.3	6.4	11.4	19.6	30.7	43.0	60.1	83.0	110.0
-62.5°	3.3	3.3	3.3	6.1	10.8	17.9	28.2	40.0	55.1	76.5	101.5
-65°	3.3	3.3	3.3	5.7	10.0	16.1	25.4	36.3	49.1	67.9	91.7
-67.5°	3.3	3.3	3.3	5.2	9.3	14.5	22.4	31.8	42.2	57.8	78.8
-70°	3.3	3.3	3.3	4.7	8.4	13.1	19.0	27.1	36.1	46.6	63.7
-72.5°	3.3	3.3	3.3	4.6	7.5	11.7	16.8	22.2	29.8	38.6	48.7
-75°	3.3	3.3	3.3	4.6	6.5	10.2	14.6	18.7	23.2	30.4	38.7
-77.5°	3.3	3.3	3.3	4.5	6.2	8.6	12.3	15.7	19.2	23.1	28.4
-80°	3.3	3.3	3.3	4.5	6.0	7.7	10.0	12.6	15.5	18.6	21.9
-82.5°	3.3	3.3	3.3	4.4	5.7	7.3	9.0	10.3	11.7	14.0	16.5
-85°	3.3	3.3	3.3	4.3	5.5	6.8	8.2	9.3	10.4	11.5	12.6
-87.5°	3.3	3.3	3.3	4.2	5.2	6.3	7.4	8.4	9.3	10.2	11.2
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.5	1.6	0.8	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°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	10.6	11.5	12.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.2	1.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.9	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.9	2.0	1.4	0.5	0.0	0.2	0.5	0.4	0.0	0.2	0.4
67.5°	3.1	2.3	1.5	0.9	1.2	1.7	1.6	1.7	1.8	2.0	1.7
65°	3.2	2.4	2.5	2.9	3.2	3.6	3.8	4.1	3.4	3.0	3.0
62.5°	3.4	3.7	4.3	4.8	5.3	5.7	5.8	5.1	3.9	4.9	5.6
60°	4.9	5.4	6.1	6.7	7.4	7.7	7.4	7.4	8.3	9.6	18.4
57.5°	6.6	7.0	7.8	8.9	9.8	9.9	10.2	11.1	26.0	42.4	46.9
55°	8.3	8.6	10.0	11.6	12.6	12.5	18.0	37.9	57.2	79.2	87.4
52.5°	10.0	10.7	13.0	15.0	16.2	25.3	45.5	72.6	101.1	126.4	159.1
50°	11.6	14.0	16.5	19.3	30.8	54.4	84.1	121.0	163.9	204.4	245.8
47.5°	14.6	17.6	21.3	30.5	60.8	93.6	134.6	193.9	246.9	295.8	352.6
45°	18.0	24.2	28.3	60.4	95.6	137.9	207.3	279.9	327.9	393.4	493.9
42.5°	21.6	33.5	54.1	91.3	134.1	202.3	288.4	350.2	414.1	520.3	626.0
40°	31.1	44.9	81.7	125.8	180.2	279.6	367.9	437.9	525.3	643.0	753.3
37.5°	42.5	68.6	109.8	162.7	252.4	361.4	455.9	556.0	656.4	767.3	971.9
35°	55.3	90.6	145.4	216.7	324.6	452.0	564.8	676.6	792.3	1010.8	1213.8
32.5°	72.0	110.9	182.6	279.6	402.7	542.6	673.5	802.7	988.2	1235.5	1439.2
30°	89.9	143.3	225.4	337.8	476.3	625.5	782.9	939.3	1184.9	1389.5	1610.7
27.5°	108.7	177.6	275.6	398.6	545.1	703.7	881.4	1104.6	1323.6	1525.7	1768.8
25°	128.0	213.4	321.6	456.7	612.8	788.3	992.6	1264.5	1435.8	1659.2	1912.8
22.5°	152.7	247.6	367.1	509.3	675.6	875.2	1135.8	1408.8	1610.4	1798.3	2046.1
20°	181.4	286.1	416.5	575.3	737.1	960.1	1278.1	1565.3	1802.4	2017.6	2245.2
17.5°	208.1	322.1	469.5	642.7	826.6	1068.9	1417.8	1735.6	1996.6	2236.4	2520.4
15°	232.8	355.5	521.3	706.5	914.6	1193.5	1543.1	1892.1	2190.1	2459.9	2782.7
12.5°	255.5	385.9	571.2	766.2	997.4	1300.9	1648.3	1988.9	2316.4	2668.0	3034.3
10°	275.8	413.2	618.4	821.3	1074.2	1391.8	1735.2	2069.7	2400.1	2772.2	3179.1
7.5°	297.7	438.8	661.2	871.4	1144.1	1466.9	1804.6	2134.4	2467.7	2855.4	3273.3
5°	317.9	462.3	695.2	907.3	1198.1	1525.5	1856.9	2183.6	2519.1	2917.5	3344.5
2.5°	335.6	482.1	722.9	935.4	1238.1	1568.6	1890.8	2224.6	2557.2	2968.0	3399.0
0°	350.7	498.2	744.0	957.0	1268.4	1599.4	1910.8	2251.6	2579.4	3002.2	3434.8
-2.5°	360.3	524.5	758.5	994.7	1294.8	1619.6	1928.7	2259.2	2603.4	3013.0	3475.0
-5°	367.1	545.8	767.3	1023.8	1312.1	1628.5	1934.5	2253.3	2609.8	3010.3	3480.9
-7.5°	371.1	560.8	771.4	1040.3	1318.2	1623.2	1924.6	2242.2	2599.3	3000.0	3454.9
-10°	373.3	565.5	776.9	1035.3	1310.2	1605.6	1902.4	2216.2	2569.5	2966.4	3405.4
-12.5°	379.5	562.5	776.0	1024.3	1292.9	1579.0	1869.5	2174.9	2520.0	2909.3	3337.1
-15°	381.1	555.8	766.6	1008.1	1266.6	1544.3	1826.5	2118.4	2458.9	2853.6	3261.5
-17.5°	377.6	545.6	748.5	987.4	1231.3	1502.2	1775.8	2067.5	2401.6	2789.3	3182.1
-20°	368.8	532.4	721.0	963.0	1189.4	1455.4	1725.0	2014.1	2335.7	2700.1	3093.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	354.5	516.4	691.4	928.8	1153.3	1401.7	1665.5	1941.4	2253.2	2584.5	2973.8
-25°	339.6	498.4	668.0	881.9	1109.8	1339.0	1597.2	1852.4	2156.2	2481.6	2827.1
-27.5°	325.5	473.2	643.7	830.6	1058.6	1272.1	1519.9	1768.9	2047.2	2366.1	2684.1
-30°	307.1	445.9	614.0	781.2	997.4	1209.0	1433.7	1678.7	1929.0	2231.7	2544.6
-32.5°	290.9	417.7	580.3	743.6	931.6	1138.0	1340.7	1574.3	1818.5	2076.6	2385.8
-35°	280.0	400.9	544.4	700.1	864.4	1060.7	1253.6	1456.5	1693.0	1935.2	2206.7
-37.5°	271.2	381.7	506.7	654.8	811.2	979.7	1160.2	1346.9	1553.3	1797.5	2052.8
-40°	257.4	360.0	478.8	611.6	749.6	902.9	1070.4	1239.4	1418.4	1656.9	1908.7
-42.5°	239.6	339.1	452.5	564.6	690.7	830.6	979.6	1138.7	1310.7	1517.9	1749.4
-45°	226.0	312.3	423.2	523.7	628.1	756.0	895.9	1040.0	1202.2	1380.1	1588.0
-47.5°	208.7	283.1	385.0	478.9	570.8	680.0	807.9	944.4	1088.1	1248.3	1418.7
-50°	190.1	258.8	338.2	429.6	517.2	608.1	717.2	843.4	973.7	1113.4	1265.5
-52.5°	176.1	230.4	302.8	378.9	462.5	544.9	637.8	746.0	862.3	979.1	1112.8
-55°	160.2	209.5	269.1	337.4	408.5	484.7	569.4	664.1	759.0	866.2	972.9
-57.5°	149.0	189.4	241.1	300.3	364.2	429.0	508.9	589.0	676.9	765.6	854.1
-60°	140.2	172.0	214.9	267.0	324.0	384.5	450.1	524.1	599.8	672.2	748.7
-62.5°	130.2	157.8	191.4	233.9	285.4	338.1	395.8	459.2	527.6	588.6	648.0
-65°	117.2	141.3	170.1	204.7	245.1	289.6	338.8	392.2	451.4	500.9	549.4
-67.5°	102.3	122.6	146.7	175.1	208.7	243.5	279.6	324.8	372.8	413.2	452.6
-70°	83.6	102.3	122.1	145.2	171.6	201.1	232.8	265.6	298.5	331.5	367.6
-72.5°	64.0	81.0	97.8	114.3	135.3	159.4	185.3	212.8	241.5	269.7	297.2
-75°	48.8	59.8	74.5	89.3	103.9	119.7	137.2	159.0	185.7	213.1	238.1
-77.5°	36.8	46.1	55.8	66.1	75.3	86.9	99.5	113.1	135.1	160.4	185.9
-80°	26.6	32.1	39.9	48.1	54.6	61.0	67.6	74.5	90.9	111.2	133.0
-82.5°	19.7	23.5	27.8	32.6	35.9	39.0	42.6	47.1	59.3	73.0	87.6
-85°	13.6	14.7	17.0	19.7	21.5	23.4	25.3	27.2	33.8	41.1	49.0
-87.5°	11.7	12.3	12.9	13.6	13.8	14.0	14.3	14.5	16.7	19.0	21.4
-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: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.1	13.9	14.8	15.6	16.4	17.2	18.1	18.9	19.7	19.7	19.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.5	1.7	1.7	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.5	3.3	2.5	1.6	0.8	1.2	2.0	2.4	2.4	2.2	1.7
62.5°	5.2	4.8	4.3	5.0	6.0	6.9	6.6	6.3	5.9	5.6	5.8
60°	19.4	13.0	15.0	18.8	17.5	12.0	19.7	22.4	19.1	13.0	12.6
57.5°	49.1	47.4	54.3	79.3	87.3	79.6	95.1	115.4	114.8	98.9	98.4
55°	104.7	140.4	183.6	190.6	220.6	280.8	327.7	307.2	307.0	322.5	372.3
52.5°	198.8	232.6	245.1	278.7	341.5	387.0	416.3	446.6	479.8	513.7	548.1
50°	291.8	324.6	361.8	396.1	483.0	529.8	522.0	584.8	665.1	715.3	741.1
47.5°	428.0	479.6	558.2	681.4	746.3	793.2	851.5	922.6	1014.7	1139.6	1235.8
45°	588.3	669.5	791.2	922.1	1022.7	1068.6	1135.4	1245.5	1392.3	1535.2	1639.6
42.5°	719.4	830.8	968.1	1093.1	1175.2	1250.6	1337.0	1429.9	1598.0	1750.7	1871.3
40°	890.5	977.3	1131.2	1249.1	1322.6	1397.3	1534.3	1673.3	1831.4	1973.6	2072.4
37.5°	1107.3	1204.9	1365.1	1498.4	1569.2	1595.6	1828.5	2022.0	2150.5	2332.1	2391.4
35°	1340.2	1500.9	1705.0	1877.9	1947.3	2085.8	2325.7	2595.7	2888.3	2995.9	3087.6
32.5°	1600.0	1798.4	2075.2	2260.7	2359.8	2570.0	2873.7	3161.9	3544.4	3752.1	3814.1
30°	1837.7	2065.3	2303.3	2483.6	2653.0	2906.1	3183.0	3538.4	3892.1	4157.6	4240.0
27.5°	2012.2	2264.0	2492.8	2661.7	2852.7	3125.7	3470.9	3830.8	4178.0	4448.9	4545.1
25°	2178.7	2463.4	2644.5	2840.8	3065.2	3362.6	3745.2	4145.1	4487.1	4716.0	4834.1
22.5°	2368.1	2648.8	2843.2	3009.5	3302.9	3645.6	4000.7	4452.6	4815.0	4997.6	5125.6
20°	2563.6	2881.2	3181.5	3336.2	3590.0	4024.0	4421.6	4848.1	5198.1	5388.4	5523.2
17.5°	2836.4	3241.1	3609.5	3828.6	4100.3	4619.3	5115.3	5546.8	6033.6	6205.5	6370.2
15°	3124.0	3592.3	4024.0	4371.0	4722.0	5236.2	5874.8	6395.5	6950.9	7199.0	7479.4
12.5°	3410.7	3853.9	4245.0	4692.6	5187.3	5642.2	6250.2	6898.6	7402.6	7718.9	7907.7
10°	3625.0	4036.6	4412.9	4861.7	5355.5	5870.0	6474.1	7138.9	7666.4	7936.4	8090.5
7.5°	3740.6	4134.7	4531.6	4986.3	5477.9	6025.9	6648.3	7307.8	7847.3	8108.9	8261.0
5°	3826.5	4205.0	4616.0	5094.7	5591.7	6147.3	6768.9	7420.6	7912.5	8190.4	8382.8
2.5°	3878.5	4249.5	4669.7	5164.7	5663.0	6241.7	6893.2	7568.7	7999.1	8222.7	8399.7
0°	3893.6	4267.3	4699.9	5201.4	5712.6	6296.0	6941.7	7610.3	8046.2	8262.5	8442.8
-2.5°	3910.6	4295.3	4739.8	5225.1	5732.1	6313.8	6972.9	7624.4	8016.5	8234.8	8406.3
-5°	3898.8	4297.5	4740.6	5205.4	5715.7	6292.9	6925.6	7534.7	7944.9	8180.9	8351.4
-7.5°	3863.5	4267.9	4706.4	5153.2	5653.7	6237.4	6867.5	7454.0	7869.6	8118.4	8305.0
-10°	3812.2	4204.7	4646.3	5098.8	5593.3	6148.9	6769.3	7352.4	7750.1	8014.3	8231.7
-12.5°	3755.3	4139.7	4565.3	4999.3	5488.5	6037.2	6638.2	7190.2	7585.6	7873.8	8029.1
-15°	3670.9	4055.2	4462.1	4881.9	5358.6	5890.9	6465.1	6994.7	7382.9	7617.4	7789.1
-17.5°	3563.7	3940.7	4326.5	4724.6	5173.8	5698.0	6275.7	6798.0	7114.4	7323.8	7492.6
-20°	3448.9	3797.4	4162.9	4538.7	4974.0	5493.4	6060.6	6516.2	6814.4	7015.7	7175.0



REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3317.7	3653.4	3987.9	4347.1	4774.0	5250.1	5751.2	6191.4	6512.1	6695.4	6842.7
-25°	3167.9	3494.5	3812.2	4159.1	4551.4	4979.4	5445.3	5877.9	6165.1	6359.8	6505.8
-27.5°	3006.6	3313.4	3623.8	3935.2	4288.0	4714.4	5145.9	5547.8	5792.9	5989.2	6136.1
-30°	2845.6	3121.6	3408.7	3703.6	4034.6	4419.1	4822.7	5160.6	5419.2	5609.9	5746.3
-32.5°	2671.2	2933.0	3187.4	3463.0	3774.7	4113.5	4467.8	4789.2	5065.5	5240.1	5355.1
-35°	2492.5	2746.0	2978.8	3229.0	3503.9	3796.3	4123.3	4440.3	4713.1	4851.3	4963.3
-37.5°	2306.3	2559.1	2779.8	2988.8	3225.7	3496.5	3814.9	4117.4	4353.1	4471.9	4572.9
-40°	2144.5	2367.0	2565.7	2765.7	2958.2	3198.7	3495.9	3788.8	3977.9	4093.7	4187.4
-42.5°	1987.4	2175.1	2337.8	2517.0	2709.8	2946.8	3186.6	3432.2	3584.3	3712.7	3811.5
-45°	1804.4	1972.2	2124.7	2273.8	2449.6	2666.0	2883.8	3080.5	3222.9	3347.1	3443.4
-47.5°	1602.0	1764.0	1912.2	2045.4	2208.8	2389.3	2572.7	2736.4	2877.0	2999.7	3085.5
-50°	1413.4	1558.1	1702.8	1837.7	1979.2	2125.3	2274.0	2417.7	2551.2	2670.4	2743.5
-52.5°	1244.4	1377.9	1504.3	1622.3	1746.2	1869.6	1992.8	2124.4	2247.2	2360.0	2418.3
-55°	1091.5	1211.9	1326.0	1425.4	1524.8	1622.7	1728.3	1849.7	1962.8	2067.3	2109.2
-57.5°	954.3	1057.3	1158.3	1242.3	1323.5	1401.3	1494.0	1596.6	1695.5	1785.1	1819.4
-60°	828.1	909.8	994.2	1068.8	1139.5	1206.3	1287.1	1369.7	1450.0	1517.5	1546.7
-62.5°	711.9	781.9	845.8	906.4	966.3	1026.4	1091.7	1157.2	1222.0	1274.1	1300.4
-65°	600.0	655.7	707.1	756.9	805.3	855.7	906.8	956.6	1004.6	1041.8	1064.6
-67.5°	494.9	537.2	578.0	616.9	657.3	698.2	738.2	776.3	812.4	841.1	862.9
-70°	401.7	434.5	466.4	498.5	532.3	564.1	594.2	622.8	649.6	670.3	687.1
-72.5°	323.8	350.4	378.0	406.9	434.2	458.0	479.6	500.5	520.4	532.1	540.9
-75°	261.0	283.4	307.4	330.8	353.6	371.7	387.6	403.0	417.8	418.6	415.6
-77.5°	210.9	230.9	249.5	267.9	286.1	297.2	306.9	316.9	327.0	321.2	311.9
-80°	154.8	171.5	187.2	203.1	218.9	225.5	230.1	234.1	237.4	229.8	220.3
-82.5°	102.8	113.3	123.5	133.9	144.5	148.7	151.9	154.5	156.5	149.6	141.6
-85°	57.3	62.4	67.3	72.3	77.3	80.3	83.0	85.5	87.8	83.6	78.9
-87.5°	23.8	25.0	26.1	27.2	28.3	29.3	30.4	31.4	32.3	32.5	32.6
-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: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	18.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.0	0.2	0.0	0.0	0.0	0.2	1.0	1.7	2.2	2.4	2.4
62.5°	6.0	6.3	6.5	6.6	6.5	6.3	6.0	5.8	5.6	5.9	6.3
60°	11.6	10.1	9.8	9.8	9.8	10.1	11.6	12.6	13.0	19.1	22.4
57.5°	90.9	77.8	79.8	88.5	79.8	77.8	90.9	98.4	98.9	114.8	115.4
55°	424.6	474.0	491.4	481.8	491.4	474.0	424.6	372.3	322.5	307.0	307.2
52.5°	575.2	595.5	603.3	603.1	603.3	595.5	575.2	548.1	513.7	479.8	446.6
50°	748.9	742.1	731.5	721.0	731.5	742.1	748.9	741.1	715.3	665.1	584.8
47.5°	1249.9	1228.2	1219.1	1235.6	1219.1	1228.2	1249.9	1235.8	1139.6	1014.7	922.6
45°	1660.9	1686.3	1705.3	1704.3	1705.3	1686.3	1660.9	1639.6	1535.2	1392.3	1245.5
42.5°	1895.0	1908.5	1912.4	1907.5	1912.4	1908.5	1895.0	1871.3	1750.7	1598.0	1429.9
40°	2103.5	2119.6	2128.7	2136.9	2128.7	2119.6	2103.5	2072.4	1973.6	1831.4	1673.3
37.5°	2411.0	2417.0	2404.1	2395.8	2404.1	2417.0	2411.0	2391.4	2332.1	2150.5	2022.0
35°	3165.0	3180.4	3144.6	3182.4	3144.6	3180.4	3165.0	3087.6	2995.9	2888.3	2595.7
32.5°	3888.0	3960.4	4018.9	4067.4	4018.9	3960.4	3888.0	3814.1	3752.1	3544.4	3161.9
30°	4297.6	4344.3	4369.4	4375.4	4369.4	4344.3	4297.6	4240.0	4157.6	3892.1	3538.4
27.5°	4598.3	4647.3	4677.8	4699.9	4677.8	4647.3	4598.3	4545.1	4448.9	4178.0	3830.8
25°	4888.2	4932.9	4963.4	4975.2	4963.4	4932.9	4888.2	4834.1	4716.0	4487.1	4145.1
22.5°	5188.9	5220.0	5249.3	5263.6	5249.3	5220.0	5188.9	5125.6	4997.6	4815.0	4452.6
20°	5620.0	5603.2	5629.9	5620.9	5629.9	5603.2	5620.0	5523.2	5388.4	5198.1	4848.1
17.5°	6498.7	6507.8	6525.6	6555.0	6525.6	6507.8	6498.7	6370.2	6205.5	6033.6	5546.8
15°	7603.7	7625.9	7738.9	7839.7	7738.9	7625.9	7603.7	7479.4	7199.0	6950.9	6395.5
12.5°	8082.9	8159.9	8171.9	8200.3	8171.9	8159.9	8082.9	7907.7	7718.9	7402.6	6898.6
10°	8242.9	8376.2	8373.3	8406.7	8373.3	8376.2	8242.9	8090.5	7936.4	7666.4	7138.9
7.5°	8364.2	8507.3	8567.9	8593.5	8567.9	8507.3	8364.2	8261.0	8108.9	7847.3	7307.8
5°	8512.5	8591.2	8695.5	8665.7	8695.5	8591.2	8512.5	8382.8	8190.4	7912.5	7420.6
2.5°	8574.5	8697.8	8669.4	8698.4	8669.4	8697.8	8574.5	8399.7	8222.7	7999.1	7568.7
0°	8616.5	8705.0	8718.1	8747.6	8718.1	8705.0	8616.5	8442.8	8262.5	8046.2	7610.3
-2.5°	8565.6	8643.5	8779.9	8737.8	8779.9	8643.5	8565.6	8406.3	8234.8	8016.5	7624.4
-5°	8521.1	8712.8	8638.3	8731.2	8638.3	8712.8	8521.1	8351.4	8180.9	7944.9	7534.7
-7.5°	8498.1	8532.4	8581.8	8652.5	8581.8	8532.4	8498.1	8305.0	8118.4	7869.6	7454.0
-10°	8320.2	8355.3	8446.1	8495.2	8446.1	8355.3	8320.2	8231.7	8014.3	7750.1	7352.4
-12.5°	8127.3	8195.2	8290.5	8321.5	8290.5	8195.2	8127.3	8029.1	7873.8	7585.6	7190.2
-15°	7905.0	8005.9	8098.8	8118.3	8098.8	8005.9	7905.0	7789.1	7617.4	7382.9	6994.7
-17.5°	7622.4	7743.3	7841.0	7862.7	7841.0	7743.3	7622.4	7492.6	7323.8	7114.4	6798.0
-20°	7311.0	7426.8	7509.9	7534.9	7509.9	7426.8	7311.0	7175.0	7015.7	6814.4	6516.2



REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6977.6	7081.9	7152.1	7141.6	7152.1	7081.9	6977.6	6842.7	6695.4	6512.1	6191.4
-25°	6623.7	6720.5	6787.3	6777.8	6787.3	6720.5	6623.7	6505.8	6359.8	6165.1	5877.9
-27.5°	6249.5	6341.1	6405.5	6407.5	6405.5	6341.1	6249.5	6136.1	5989.2	5792.9	5547.8
-30°	5856.3	5939.5	5991.7	5971.6	5991.7	5939.5	5856.3	5746.3	5609.9	5419.2	5160.6
-32.5°	5450.7	5526.0	5573.9	5588.1	5573.9	5526.0	5450.7	5355.1	5240.1	5065.5	4789.2
-35°	5050.7	5117.1	5158.4	5168.6	5158.4	5117.1	5050.7	4963.3	4851.3	4713.1	4440.3
-37.5°	4653.2	4710.3	4739.2	4726.1	4739.2	4710.3	4653.2	4572.9	4471.9	4353.1	4117.4
-40°	4260.4	4314.8	4347.9	4355.8	4347.9	4314.8	4260.4	4187.4	4093.7	3977.9	3788.8
-42.5°	3874.3	3919.5	3948.5	3962.5	3948.5	3919.5	3874.3	3811.5	3712.7	3584.3	3432.2
-45°	3499.5	3540.0	3567.2	3582.3	3567.2	3540.0	3499.5	3443.4	3347.1	3222.9	3080.5
-47.5°	3134.9	3170.3	3193.8	3205.4	3193.8	3170.3	3134.9	3085.5	2999.7	2877.0	2736.4
-50°	2786.2	2816.9	2838.8	2851.4	2838.8	2816.9	2786.2	2743.5	2670.4	2551.2	2417.7
-52.5°	2455.5	2482.3	2501.0	2510.5	2501.0	2482.3	2455.5	2418.3	2360.0	2247.2	2124.4
-55°	2139.7	2161.5	2178.8	2189.4	2178.8	2161.5	2139.7	2109.2	2067.3	1962.8	1849.7
-57.5°	1845.3	1863.1	1879.4	1891.1	1879.4	1863.1	1845.3	1819.4	1785.1	1695.5	1596.6
-60°	1569.7	1586.4	1600.4	1609.2	1600.4	1586.4	1569.7	1546.7	1517.5	1450.0	1369.7
-62.5°	1320.9	1335.8	1348.6	1356.9	1348.6	1335.8	1320.9	1300.4	1274.1	1222.0	1157.2
-65°	1082.6	1095.8	1105.4	1111.1	1105.4	1095.8	1082.6	1064.6	1041.8	1004.6	956.6
-67.5°	881.6	896.9	899.9	898.0	899.9	896.9	881.6	862.9	841.1	812.4	776.3
-70°	702.1	715.1	718.2	717.8	718.2	715.1	702.1	687.1	670.3	649.6	622.8
-72.5°	549.0	556.0	550.0	540.8	550.0	556.0	549.0	540.9	532.1	520.4	500.5
-75°	412.0	407.5	401.1	393.3	401.1	407.5	412.0	415.6	418.6	417.8	403.0
-77.5°	301.7	290.6	283.3	275.3	283.3	290.6	301.7	311.9	321.2	327.0	316.9
-80°	210.1	199.1	191.5	183.5	191.5	199.1	210.1	220.3	229.8	237.4	234.1
-82.5°	133.1	124.0	119.5	114.7	119.5	124.0	133.1	141.6	149.6	156.5	154.5
-85°	73.9	68.6	65.5	62.3	65.5	68.6	73.9	78.9	83.6	87.8	85.5
-87.5°	32.7	32.8	31.1	29.5	31.1	32.8	32.7	32.6	32.5	32.3	31.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.1	17.2	16.4	15.6	14.8	13.9	13.1	12.3	11.5	10.6	9.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.4	0.2	0.0	0.4
67.5°	0.0	0.0	0.6	1.4	1.7	1.7	1.5	1.7	2.0	1.8	1.7
65°	2.0	1.2	0.8	1.6	2.5	3.3	3.5	3.0	3.0	3.4	4.1
62.5°	6.6	6.9	6.0	5.0	4.3	4.8	5.2	5.6	4.9	3.9	5.1
60°	19.7	12.0	17.5	18.8	15.0	13.0	19.4	18.4	9.6	8.3	7.4
57.5°	95.1	79.6	87.3	79.3	54.3	47.4	49.1	46.9	42.4	26.0	11.1
55°	327.7	280.8	220.6	190.6	183.6	140.4	104.7	87.4	79.2	57.2	37.9
52.5°	416.3	387.0	341.5	278.7	245.1	232.6	198.8	159.1	126.4	101.1	72.6
50°	522.0	529.8	483.0	396.1	361.8	324.6	291.8	245.8	204.4	163.9	121.0
47.5°	851.5	793.2	746.3	681.4	558.2	479.6	428.0	352.6	295.8	246.9	193.9
45°	1135.4	1068.6	1022.7	922.1	791.2	669.5	588.3	493.9	393.4	327.9	279.9
42.5°	1337.0	1250.6	1175.2	1093.1	968.1	830.8	719.4	626.0	520.3	414.1	350.2
40°	1534.3	1397.3	1322.6	1249.1	1131.2	977.3	890.5	753.3	643.0	525.3	437.9
37.5°	1828.5	1595.6	1569.2	1498.4	1365.1	1204.9	1107.3	971.9	767.3	656.4	556.0
35°	2325.7	2085.8	1947.3	1877.9	1705.0	1500.9	1340.2	1213.8	1010.8	792.3	676.6
32.5°	2873.7	2570.0	2359.8	2260.7	2075.2	1798.4	1600.0	1439.2	1235.5	988.2	802.7
30°	3183.0	2906.1	2653.0	2483.6	2303.3	2065.3	1837.7	1610.7	1389.5	1184.9	939.3
27.5°	3470.9	3125.7	2852.7	2661.7	2492.8	2264.0	2012.2	1768.8	1525.7	1323.6	1104.6
25°	3745.2	3362.6	3065.2	2840.8	2644.5	2463.4	2178.7	1912.8	1659.2	1435.8	1264.5
22.5°	4000.7	3645.6	3302.9	3009.5	2843.2	2648.8	2368.1	2046.1	1798.3	1610.4	1408.8
20°	4421.6	4024.0	3590.0	3336.2	3181.5	2881.2	2563.6	2245.2	2017.6	1802.4	1565.3
17.5°	5115.3	4619.3	4100.3	3828.6	3609.5	3241.1	2836.4	2520.4	2236.4	1996.6	1735.6
15°	5874.8	5236.2	4722.0	4371.0	4024.0	3592.3	3124.0	2782.7	2459.9	2190.1	1892.1
12.5°	6250.2	5642.2	5187.3	4692.6	4245.0	3853.9	3410.7	3034.3	2668.0	2316.4	1988.9
10°	6474.1	5870.0	5355.5	4861.7	4412.9	4036.6	3625.0	3179.1	2772.2	2400.1	2069.7
7.5°	6648.3	6025.9	5477.9	4986.3	4531.6	4134.7	3740.6	3273.3	2855.4	2467.7	2134.4
5°	6768.9	6147.3	5591.7	5094.7	4616.0	4205.0	3826.5	3344.5	2917.5	2519.1	2183.6
2.5°	6893.2	6241.7	5663.0	5164.7	4669.7	4249.5	3878.5	3399.0	2968.0	2557.2	2224.6
0°	6941.7	6296.0	5712.6	5201.4	4699.9	4267.3	3893.6	3434.8	3002.2	2579.4	2251.6
-2.5°	6972.9	6313.8	5732.1	5225.1	4739.8	4295.3	3910.6	3475.0	3013.0	2603.4	2259.2
-5°	6925.6	6292.9	5715.7	5205.4	4740.6	4297.5	3898.8	3480.9	3010.3	2609.8	2253.3
-7.5°	6867.5	6237.4	5653.7	5153.2	4706.4	4267.9	3863.5	3454.9	3000.0	2599.3	2242.2
-10°	6769.3	6148.9	5593.3	5098.8	4646.3	4204.7	3812.2	3405.4	2966.4	2569.5	2216.2
-12.5°	6638.2	6037.2	5488.5	4999.3	4565.3	4139.7	3755.3	3337.1	2909.3	2520.0	2174.9
-15°	6465.1	5890.9	5358.6	4881.9	4462.1	4055.2	3670.9	3261.5	2853.6	2458.9	2118.4
-17.5°	6275.7	5698.0	5173.8	4724.6	4326.5	3940.7	3563.7	3182.1	2789.3	2401.6	2067.5
-20°	6060.6	5493.4	4974.0	4538.7	4162.9	3797.4	3448.9	3093.2	2700.1	2335.7	2014.1



REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5751.2	5250.1	4774.0	4347.1	3987.9	3653.4	3317.7	2973.8	2584.5	2253.2	1941.4
-25°	5445.3	4979.4	4551.4	4159.1	3812.2	3494.5	3167.9	2827.1	2481.6	2156.2	1852.4
-27.5°	5145.9	4714.4	4288.0	3935.2	3623.8	3313.4	3006.6	2684.1	2366.1	2047.2	1768.9
-30°	4822.7	4419.1	4034.6	3703.6	3408.7	3121.6	2845.6	2544.6	2231.7	1929.0	1678.7
-32.5°	4467.8	4113.5	3774.7	3463.0	3187.4	2933.0	2671.2	2385.8	2076.6	1818.5	1574.3
-35°	4123.3	3796.3	3503.9	3229.0	2978.8	2746.0	2492.5	2206.7	1935.2	1693.0	1456.5
-37.5°	3814.9	3496.5	3225.7	2988.8	2779.8	2559.1	2306.3	2052.8	1797.5	1553.3	1346.9
-40°	3495.9	3198.7	2958.2	2765.7	2565.7	2367.0	2144.5	1908.7	1656.9	1418.4	1239.4
-42.5°	3186.6	2946.8	2709.8	2517.0	2337.8	2175.1	1987.4	1749.4	1517.9	1310.7	1138.7
-45°	2883.8	2666.0	2449.6	2273.8	2124.7	1972.2	1804.4	1588.0	1380.1	1202.2	1040.0
-47.5°	2572.7	2389.3	2208.8	2045.4	1912.2	1764.0	1602.0	1418.7	1248.3	1088.1	944.4
-50°	2274.0	2125.3	1979.2	1837.7	1702.8	1558.1	1413.4	1265.5	1113.4	973.7	843.4
-52.5°	1992.8	1869.6	1746.2	1622.3	1504.3	1377.9	1244.4	1112.8	979.1	862.3	746.0
-55°	1728.3	1622.7	1524.8	1425.4	1326.0	1211.9	1091.5	972.9	866.2	759.0	664.1
-57.5°	1494.0	1401.3	1323.5	1242.3	1158.3	1057.3	954.3	854.1	765.6	676.9	589.0
-60°	1287.1	1206.3	1139.5	1068.8	994.2	909.8	828.1	748.7	672.2	599.8	524.1
-62.5°	1091.7	1026.4	966.3	906.4	845.8	781.9	711.9	648.0	588.6	527.6	459.2
-65°	906.8	855.7	805.3	756.9	707.1	655.7	600.0	549.4	500.9	451.4	392.2
-67.5°	738.2	698.2	657.3	616.9	578.0	537.2	494.9	452.6	413.2	372.8	324.8
-70°	594.2	564.1	532.3	498.5	466.4	434.5	401.7	367.6	331.5	298.5	265.6
-72.5°	479.6	458.0	434.2	406.9	378.0	350.4	323.8	297.2	269.7	241.5	212.8
-75°	387.6	371.7	353.6	330.8	307.4	283.4	261.0	238.1	213.1	185.7	159.0
-77.5°	306.9	297.2	286.1	267.9	249.5	230.9	210.9	185.9	160.4	135.1	113.1
-80°	230.1	225.5	218.9	203.1	187.2	171.5	154.8	133.0	111.2	90.9	74.5
-82.5°	151.9	148.7	144.5	133.9	123.5	113.3	102.8	87.6	73.0	59.3	47.1
-85°	83.0	80.3	77.3	72.3	67.3	62.4	57.3	49.0	41.1	33.8	27.2
-87.5°	30.4	29.3	28.3	27.2	26.1	25.0	23.8	21.4	19.0	16.7	14.5
-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: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.0	8.2	7.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.7
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	1.0
82.5°	0.0	0.0	0.0	0.1	0.5	0.9	1.0	0.9	0.5	0.1	0.3
80°	0.0	0.0	0.0	0.1	0.8	1.8	2.2	2.3	1.7	1.2	0.7
77.5°	0.0	0.0	0.0	0.0	0.3	1.0	1.9	3.0	3.0	2.3	1.6
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.7	1.7	2.7	3.3	2.6
72.5°	0.0	0.0	0.0	0.4	0.9	0.9	0.5	0.6	1.9	2.8	3.3
70°	0.5	0.2	0.0	0.5	1.4	2.0	1.9	1.5	1.3	2.4	3.1
67.5°	1.6	1.7	1.2	0.9	1.5	2.3	3.1	2.9	2.6	2.1	3.0
65°	3.8	3.6	3.2	2.9	2.5	2.4	3.2	4.1	3.8	3.3	3.0
62.5°	5.8	5.7	5.3	4.8	4.3	3.7	3.4	4.5	5.0	4.4	3.7
60°	7.4	7.7	7.4	6.7	6.1	5.4	4.9	5.1	5.7	5.6	4.7
57.5°	10.2	9.9	9.8	8.9	7.8	7.0	6.6	6.4	6.6	6.5	5.7
55°	18.0	12.5	12.6	11.6	10.0	8.6	8.3	8.0	7.6	7.5	6.7
52.5°	45.5	25.3	16.2	15.0	13.0	10.7	10.0	9.5	9.0	8.5	7.6
50°	84.1	54.4	30.8	19.3	16.5	14.0	11.6	11.1	10.4	9.7	8.5
47.5°	134.6	93.6	60.8	30.5	21.3	17.6	14.6	12.6	11.8	10.9	9.4
45°	207.3	137.9	95.6	60.4	28.3	24.2	18.0	14.1	13.2	12.1	10.3
42.5°	288.4	202.3	134.1	91.3	54.1	33.5	21.6	17.1	14.5	13.3	11.3
40°	367.9	279.6	180.2	125.8	81.7	44.9	31.1	20.4	15.9	14.6	12.4
37.5°	455.9	361.4	252.4	162.7	109.8	68.6	42.5	23.8	18.0	16.0	13.6
35°	564.8	452.0	324.6	216.7	145.4	90.6	55.3	30.3	22.2	17.4	14.8
32.5°	673.5	542.6	402.7	279.6	182.6	110.9	72.0	43.2	27.0	18.9	16.0
30°	782.9	625.5	476.3	337.8	225.4	143.3	89.9	55.8	32.5	20.5	17.3
27.5°	881.4	703.7	545.1	398.6	275.6	177.6	108.7	68.0	38.7	23.2	18.6
25°	992.6	788.3	612.8	456.7	321.6	213.4	128.0	79.9	47.6	27.9	19.8
22.5°	1135.8	875.2	675.6	509.3	367.1	247.6	152.7	95.7	57.5	32.9	21.1
20°	1278.1	960.1	737.1	575.3	416.5	286.1	181.4	111.4	66.9	38.1	22.4
17.5°	1417.8	1068.9	826.6	642.7	469.5	322.1	208.1	126.8	75.7	43.4	23.7
15°	1543.1	1193.5	914.6	706.5	521.3	355.5	232.8	141.8	83.9	48.7	25.3
12.5°	1648.3	1300.9	997.4	766.2	571.2	385.9	255.5	156.2	91.6	54.6	27.6
10°	1735.2	1391.8	1074.2	821.3	618.4	413.2	275.8	170.5	100.5	60.8	30.0
7.5°	1804.6	1466.9	1144.1	871.4	661.2	438.8	297.7	185.7	109.2	66.8	32.4
5°	1856.9	1525.5	1198.1	907.3	695.2	462.3	317.9	199.6	117.2	72.3	34.8
2.5°	1890.8	1568.6	1238.1	935.4	722.9	482.1	335.6	212.1	124.6	77.4	37.1
0°	1910.8	1599.4	1268.4	957.0	744.0	498.2	350.7	222.9	131.1	81.9	39.3
-2.5°	1928.7	1619.6	1294.8	994.7	758.5	524.5	360.3	232.7	141.4	85.2	43.3
-5°	1934.5	1628.5	1312.1	1023.8	767.3	545.8	367.1	240.7	150.5	87.8	47.0
-7.5°	1924.6	1623.2	1318.2	1040.3	771.4	560.8	371.1	246.9	157.9	89.8	50.2
-10°	1902.4	1605.6	1310.2	1035.3	776.9	565.5	373.3	251.5	163.3	91.4	52.8
-12.5°	1869.5	1579.0	1292.9	1024.3	776.0	562.5	379.5	255.1	166.1	92.4	54.8
-15°	1826.5	1544.3	1266.6	1008.1	766.6	555.8	381.1	256.4	165.8	94.3	56.0
-17.5°	1775.8	1502.2	1231.3	987.4	748.5	545.6	377.6	254.8	164.1	97.1	57.2
-20°	1725.0	1455.4	1189.4	963.0	721.0	532.4	368.8	250.1	161.1	99.0	58.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1665.5	1401.7	1153.3	928.8	691.4	516.4	354.5	242.1	156.8	99.8	58.9
-25°	1597.2	1339.0	1109.8	881.9	668.0	498.4	339.6	230.8	151.2	99.5	58.7
-27.5°	1519.9	1272.1	1058.6	830.6	643.7	473.2	325.5	222.5	146.5	98.1	57.8
-30°	1433.7	1209.0	997.4	781.2	614.0	445.9	307.1	213.2	144.3	96.3	56.2
-32.5°	1340.7	1138.0	931.6	743.6	580.3	417.7	290.9	202.6	140.7	93.9	56.3
-35°	1253.6	1060.7	864.4	700.1	544.4	400.9	280.0	191.0	135.7	90.7	56.6
-37.5°	1160.2	979.7	811.2	654.8	506.7	381.7	271.2	185.7	129.1	86.5	56.4
-40°	1070.4	902.9	749.6	611.6	478.8	360.0	257.4	179.9	122.8	81.4	55.7
-42.5°	979.6	830.6	690.7	564.6	452.5	339.1	239.6	171.0	117.7	78.5	54.4
-45°	895.9	756.0	628.1	523.7	423.2	312.3	226.0	159.8	111.5	76.3	53.2
-47.5°	807.9	680.0	570.8	478.9	385.0	283.1	208.7	151.0	103.9	73.6	52.4
-50°	717.2	608.1	517.2	429.6	338.2	258.8	190.1	140.5	101.2	71.4	51.2
-52.5°	637.8	544.9	462.5	378.9	302.8	230.4	176.1	129.2	97.6	69.6	49.4
-55°	569.4	484.7	408.5	337.4	269.1	209.5	160.2	123.8	93.2	67.3	47.2
-57.5°	508.9	429.0	364.2	300.3	241.1	189.4	149.0	117.4	88.6	64.1	45.2
-60°	450.1	384.5	324.0	267.0	214.9	172.0	140.2	110.0	83.0	60.1	43.0
-62.5°	395.8	338.1	285.4	233.9	191.4	157.8	130.2	101.5	76.5	55.1	40.0
-65°	338.8	289.6	245.1	204.7	170.1	141.3	117.2	91.7	67.9	49.1	36.3
-67.5°	279.6	243.5	208.7	175.1	146.7	122.6	102.3	78.8	57.8	42.2	31.8
-70°	232.8	201.1	171.6	145.2	122.1	102.3	83.6	63.7	46.6	36.1	27.1
-72.5°	185.3	159.4	135.3	114.3	97.8	81.0	64.0	48.7	38.6	29.8	22.2
-75°	137.2	119.7	103.9	89.3	74.5	59.8	48.8	38.7	30.4	23.2	18.7
-77.5°	99.5	86.9	75.3	66.1	55.8	46.1	36.8	28.4	23.1	19.2	15.7
-80°	67.6	61.0	54.6	48.1	39.9	32.1	26.6	21.9	18.6	15.5	12.6
-82.5°	42.6	39.0	35.9	32.6	27.8	23.5	19.7	16.5	14.0	11.7	10.3
-85°	25.3	23.4	21.5	19.7	17.0	14.7	13.6	12.6	11.5	10.4	9.3
-87.5°	14.3	14.0	13.8	13.6	12.9	12.3	11.7	11.2	10.2	9.3	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.5

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REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.6	5.8	5.0	4.1	3.3	3.3	3.3
87.5°	2.4	2.8	3.0	3.2	3.3	3.3	3.3
85°	1.6	2.2	2.7	3.1	3.3	3.3	3.3
82.5°	0.8	1.7	2.5	3.0	3.3	3.3	3.3
80°	0.2	1.2	2.2	2.9	3.3	3.3	3.3
77.5°	1.0	1.1	1.9	2.8	3.3	3.3	3.3
75°	1.8	1.6	1.8	2.7	3.3	3.3	3.3
72.5°	2.6	2.1	2.1	2.7	3.3	3.3	3.3
70°	3.3	2.6	2.4	2.6	3.3	3.3	3.3
67.5°	3.4	3.1	2.6	2.8	3.3	3.3	3.3
65°	3.5	3.4	2.9	2.9	3.3	3.3	3.3
62.5°	3.7	3.7	3.1	3.0	3.3	3.3	3.3
60°	3.9	4.0	3.3	3.1	3.3	3.3	3.3
57.5°	4.7	4.3	3.6	3.1	3.3	3.3	3.3
55°	5.5	4.6	3.9	3.2	3.4	3.3	3.3
52.5°	6.3	5.1	4.3	3.2	3.4	3.3	3.3
50°	7.1	5.7	4.7	3.3	3.5	3.3	3.3
47.5°	7.9	6.4	5.0	3.4	3.6	3.3	3.3
45°	8.7	7.0	5.4	3.7	3.7	3.3	3.3
42.5°	9.4	7.6	5.9	4.0	3.8	3.3	3.3
40°	10.1	8.2	6.3	4.4	3.9	3.3	3.3
37.5°	10.8	8.8	6.8	4.8	4.1	3.3	3.3
35°	11.5	9.4	7.2	5.2	4.2	3.3	3.3
32.5°	12.3	9.9	7.6	5.7	4.3	3.3	3.3
30°	13.3	10.4	8.1	6.1	4.5	3.3	3.3
27.5°	14.3	10.9	8.6	6.5	4.7	3.3	3.3
25°	15.2	11.4	9.1	6.8	4.8	3.3	3.3
22.5°	16.2	11.9	9.6	7.2	5.0	3.3	3.3
20°	17.1	12.5	10.0	7.6	5.2	3.3	3.3
17.5°	18.1	13.1	10.5	7.9	5.4	3.3	3.3
15°	19.0	13.7	10.9	8.2	5.6	3.3	3.3
12.5°	19.8	14.2	11.3	8.5	5.8	3.3	3.3
10°	20.6	14.7	11.7	8.8	5.9	3.3	3.3
7.5°	21.3	15.2	12.1	9.1	6.1	3.3	3.3
5°	21.9	15.6	12.5	9.3	6.3	3.3	3.3
2.5°	22.4	16.0	12.8	9.6	6.4	3.3	3.3
0°	22.9	16.4	13.1	9.8	6.6	3.3	3.3
-2.5°	24.2	16.7	13.4	9.8	6.6	3.3	3.3
-5°	25.4	17.1	13.6	9.8	6.6	3.3	3.3
-7.5°	26.4	17.4	13.8	9.7	6.5	3.3	3.3
-10°	27.2	17.6	14.0	9.7	6.5	3.3	3.3
-12.5°	27.9	17.8	14.1	9.6	6.4	3.3	3.3
-15°	28.3	18.0	14.1	9.5	6.4	3.3	3.3
-17.5°	28.5	18.1	14.1	9.4	6.3	3.3	3.3
-20°	29.2	18.3	14.0	9.2	6.2	3.3	3.3

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REPORT NUMBER: P627120 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	31.1	18.3	13.9	9.1	6.1	3.3	3.3
-25°	32.6	19.5	13.6	8.9	6.0	3.3	3.3
-27.5°	33.8	21.1	13.3	8.7	5.9	3.3	3.3
-30°	34.6	22.4	12.9	8.5	5.7	3.3	3.3
-32.5°	35.0	23.4	13.4	8.3	5.6	3.3	3.3
-35°	36.0	24.3	13.8	8.1	5.4	3.3	3.3
-37.5°	36.9	24.8	14.0	7.8	5.2	3.3	3.3
-40°	37.5	25.0	14.1	7.5	5.1	3.3	3.3
-42.5°	37.7	25.0	14.2	7.4	4.9	3.3	3.3
-45°	37.5	24.8	14.3	7.4	4.7	3.3	3.3
-47.5°	37.0	24.5	14.2	7.4	4.5	3.3	3.3
-50°	36.2	23.9	13.9	7.3	4.2	3.3	3.3
-52.5°	35.2	23.2	13.5	7.2	4.0	3.3	3.3
-55°	33.9	22.2	13.0	7.0	3.8	3.3	3.3
-57.5°	32.4	21.0	12.2	6.7	3.5	3.3	3.3
-60°	30.7	19.6	11.4	6.4	3.3	3.3	3.3
-62.5°	28.2	17.9	10.8	6.1	3.3	3.3	3.3
-65°	25.4	16.1	10.0	5.7	3.3	3.3	3.3
-67.5°	22.4	14.5	9.3	5.2	3.3	3.3	3.3
-70°	19.0	13.1	8.4	4.7	3.3	3.3	3.3
-72.5°	16.8	11.7	7.5	4.6	3.3	3.3	3.3
-75°	14.6	10.2	6.5	4.6	3.3	3.3	3.3
-77.5°	12.3	8.6	6.2	4.5	3.3	3.3	3.3
-80°	10.0	7.7	6.0	4.5	3.3	3.3	3.3
-82.5°	9.0	7.3	5.7	4.4	3.3	3.3	3.3
-85°	8.2	6.8	5.5	4.3	3.3	3.3	3.3
-87.5°	7.4	6.3	5.2	4.2	3.3	3.3	3.3
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3

(END OF REPORT)