

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: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627570 (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-SA5B-730-U-VWR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (80) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

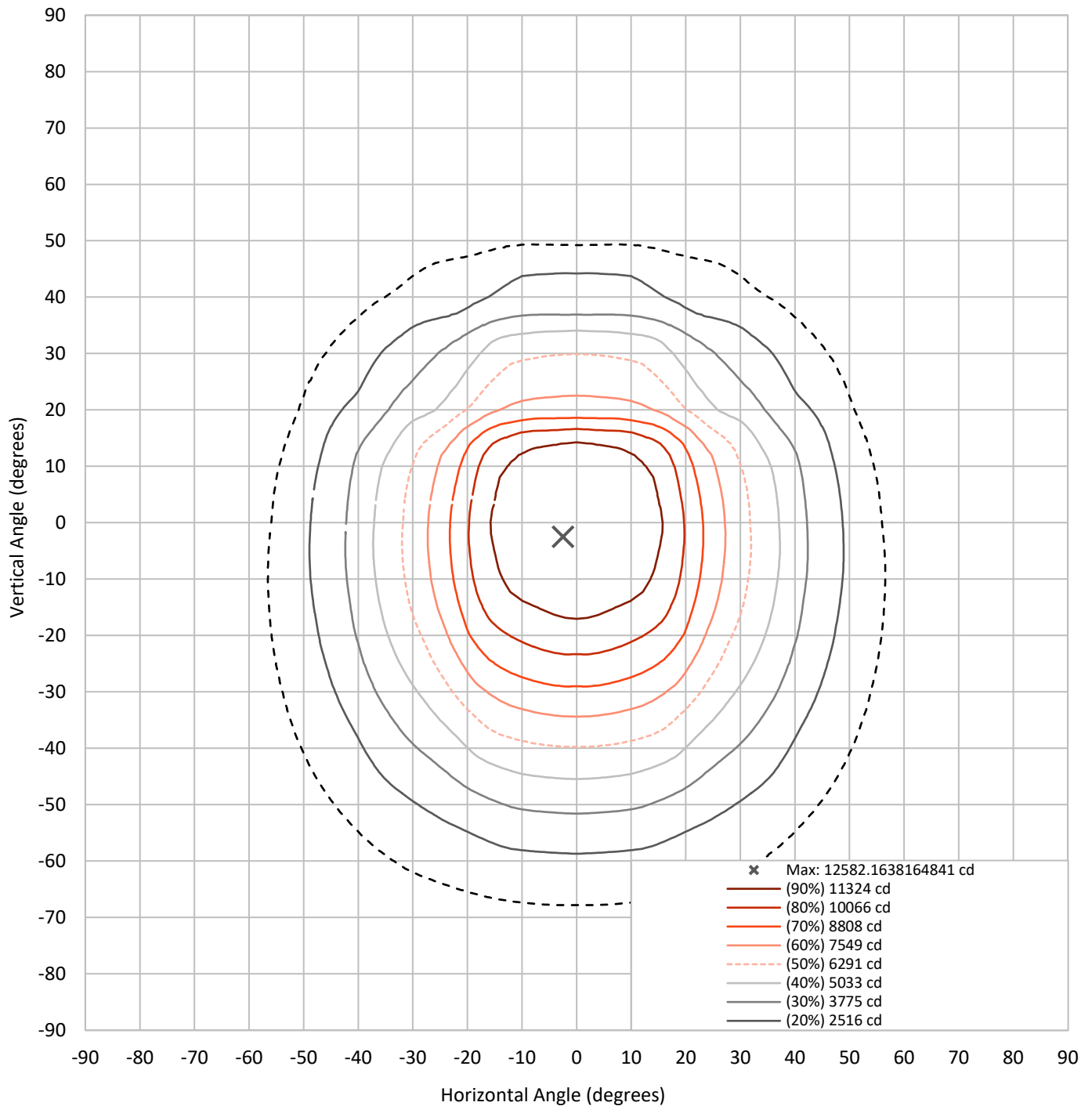
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	16791.3 lumens	Max Intensity:	12582.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	105.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	9714.9 lumens	Field Lumens:	15933.9 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





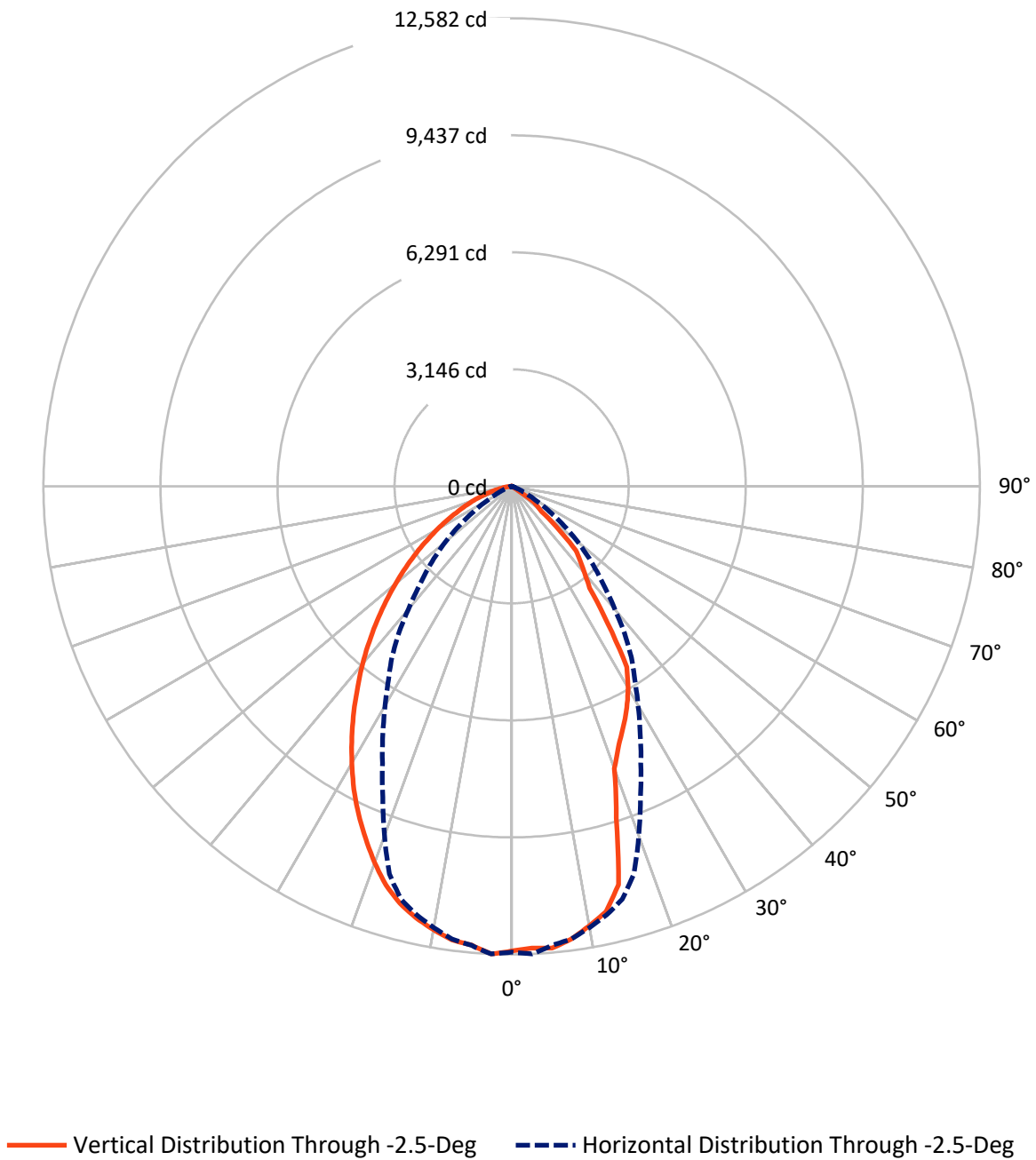
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### Lumen Table

90																			
80	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
70																			
60	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
50		0.1	0.3	1.6	4.6	8.8	13.1	16.3	16.3	13.1	8.8	4.6	1.6	0.3	0.1				
40	0.3	0.3	1.9	8.6	20.8	37.5	55.4	67.8	67.8	55.4	37.5	20.8	8.6	1.9	0.3	0.3	0.3	0.3	
30		0.8	6.2	21.8	48.6	78.9	118.3	138.3	138.3	118.3	78.9	48.6	21.8	6.2	0.8				
20	0.5	1.9	12.1	38.6	78.4	124.3	186.5	214.3	214.3	186.5	124.3	78.4	38.6	12.1	1.9	0.5	0.5	0.5	
10		3.2	18.5	57.2	113.0	185.9	276.8	317.4	317.4	276.8	185.9	113.0	57.2	18.5	3.2				
0	0.8	4.3	24.0	67.9	135.1	222.2	326.8	370.9	370.9	326.8	222.2	135.1	67.9	24.0	4.3	0.8	0.8	0.8	
-10		5.2	26.5	70.5	138.7	227.2	329.2	372.2	372.2	329.2	227.2	138.7	70.5	26.5	5.2				
-20	1.1	5.4	25.9	66.8	130.8	212.8	305.6	345.3	345.3	305.6	212.8	130.8	66.8	25.9	5.4	1.1	1.1	1.1	
-30		4.9	22.7	58.2	113.0	180.9	256.2	290.1	290.1	256.2	180.9	113.0	58.2	22.7	4.9				
-40	1.1	4.1	18.1	45.8	88.9	139.5	195.6	221.5	221.5	195.6	139.5	88.9	45.8	18.1	4.1	1.1	1.1	1.1	
-50		3.3	13.4	32.7	63.7	98.1	135.4	153.7	153.7	135.4	98.1	63.7	32.7	13.4	3.3				
-60	0.8	2.5	8.7	21.0	39.6	60.9	82.8	94.4	94.4	82.8	60.9	39.6	21.0	8.7	2.5	0.8	0.8	0.8	
-70		1.7	5.3	12.3	21.7	32.3	42.8	48.5	48.5	42.8	32.3	21.7	12.3	5.3	1.7				
-80	0.3	3.9	18.1	39.5	44.1	39.5	18.1	3.9	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

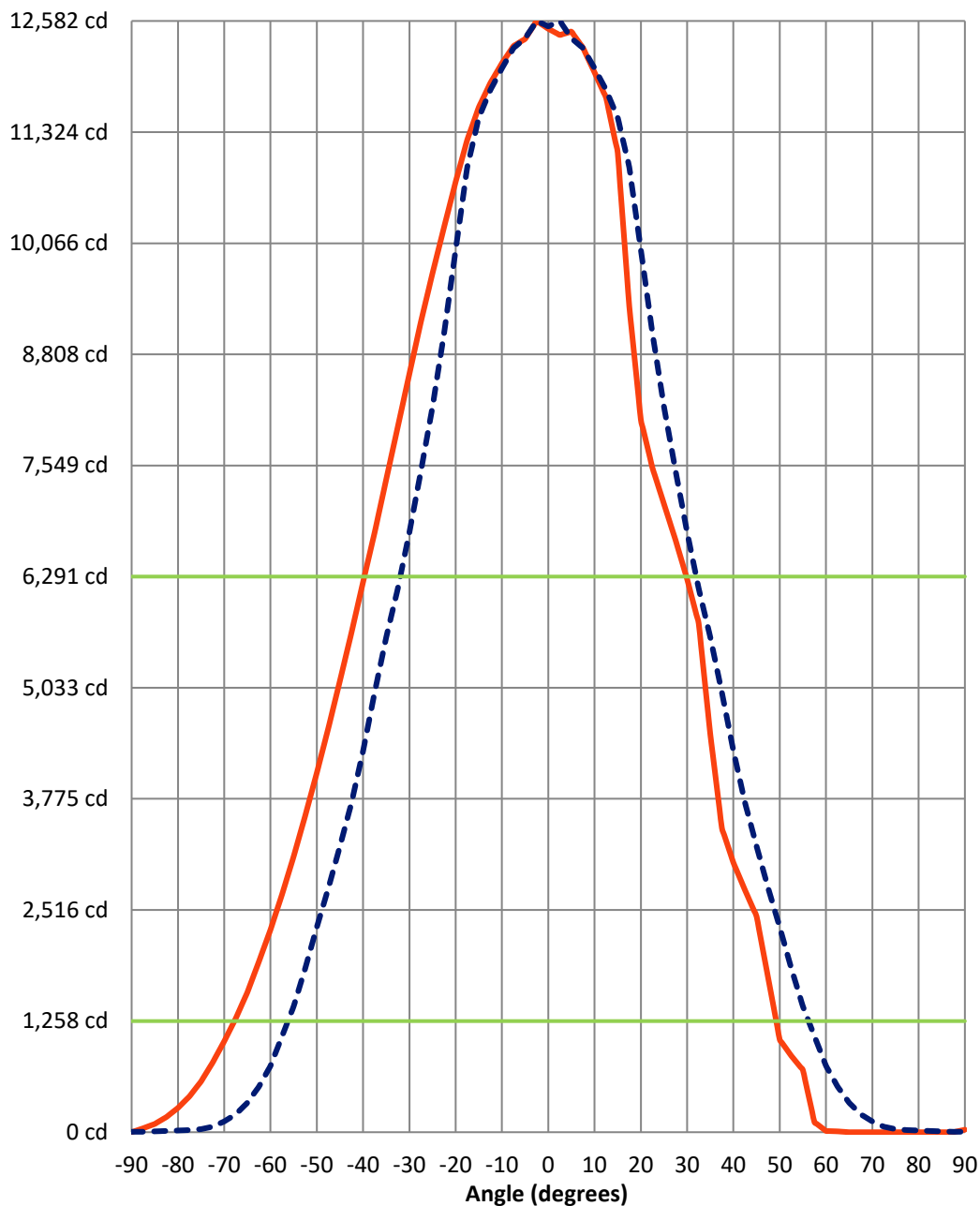
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 9714.9  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 15933.9  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 857.4  
 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°	4.7	4.7	4.7	5.9	7.1	8.2	9.4	10.6	11.8	12.9	14.1
87.5°	4.7	4.7	4.7	4.5	4.3	3.9	3.5	2.5	1.6	0.7	0.0
85°	4.7	4.7	4.7	4.4	3.9	3.2	2.3	1.4	0.8	0.3	0.0
82.5°	4.7	4.7	4.7	4.3	3.5	2.4	1.1	0.4	0.1	0.7	1.2
80°	4.7	4.7	4.7	4.1	3.1	1.7	0.2	0.9	1.7	2.5	3.2
77.5°	4.7	4.7	4.7	4.0	2.8	1.6	1.5	2.3	3.3	4.2	4.3
75°	4.7	4.7	4.7	3.9	2.6	2.3	2.6	3.7	4.6	3.8	2.5
72.5°	4.7	4.7	4.7	3.8	3.0	3.0	3.8	4.6	4.0	2.7	0.8
70°	4.7	4.7	4.7	3.8	3.4	3.7	4.7	4.4	3.4	1.8	2.2
67.5°	4.7	4.7	4.7	3.9	3.7	4.4	4.8	4.3	3.1	3.6	4.2
65°	4.7	4.7	4.7	4.1	4.1	4.9	5.0	4.3	4.7	5.5	5.8
62.5°	4.7	4.7	4.7	4.2	4.4	5.2	5.3	5.3	6.3	7.1	6.5
60°	4.7	4.7	4.7	4.3	4.7	5.6	5.6	6.7	7.9	8.2	7.4
57.5°	4.7	4.7	4.8	4.5	5.1	6.1	6.7	8.1	9.3	9.4	9.2
55°	4.7	4.7	4.8	4.5	5.6	6.6	7.9	9.5	10.7	10.9	11.4
52.5°	4.7	4.7	4.9	4.6	6.1	7.2	9.1	10.9	12.3	12.9	13.6
50°	4.7	4.7	5.0	4.7	6.6	8.2	10.2	12.2	13.9	14.9	15.9
47.5°	4.7	4.7	5.1	4.8	7.2	9.1	11.3	13.5	15.7	16.9	18.1
45°	4.7	4.7	5.3	5.2	7.7	10.0	12.4	14.8	17.3	18.9	20.2
42.5°	4.7	4.7	5.4	5.7	8.3	10.9	13.5	16.3	19.1	20.8	24.6
40°	4.7	4.7	5.6	6.2	9.0	11.8	14.6	17.8	20.9	22.8	29.3
37.5°	4.7	4.7	5.8	6.9	9.7	12.6	15.6	19.5	22.9	25.9	34.2
35°	4.7	4.7	6.0	7.5	10.3	13.4	16.6	21.2	25.0	31.8	43.5
32.5°	4.7	4.7	6.2	8.1	10.9	14.2	17.6	23.0	27.1	38.7	62.0
30°	4.7	4.7	6.4	8.7	11.5	15.0	19.0	24.8	29.4	46.6	80.0
27.5°	4.7	4.7	6.7	9.2	12.3	15.7	20.4	26.6	33.3	55.4	97.5
25°	4.7	4.7	6.9	9.8	13.0	16.4	21.8	28.4	40.0	68.3	114.6
22.5°	4.7	4.7	7.2	10.3	13.7	17.1	23.2	30.3	47.2	82.4	137.2
20°	4.7	4.7	7.4	10.8	14.4	18.0	24.5	32.1	54.6	95.8	159.6
17.5°	4.7	4.7	7.7	11.3	15.1	18.8	25.9	33.9	62.2	108.4	181.7
15°	4.7	4.7	7.9	11.8	15.7	19.6	27.2	36.3	69.8	120.3	203.2
12.5°	4.7	4.7	8.2	12.2	16.3	20.4	28.4	39.6	78.2	131.3	223.7
10°	4.7	4.7	8.5	12.7	16.9	21.1	29.5	43.0	87.2	144.1	244.3
7.5°	4.7	4.7	8.7	13.1	17.4	21.7	30.5	46.5	95.7	156.5	266.0
5°	4.7	4.7	9.0	13.4	17.9	22.4	31.4	50.0	103.7	168.0	286.0
2.5°	4.7	4.7	9.2	13.8	18.4	23.0	32.2	53.3	111.0	178.5	303.9
0°	4.7	4.7	9.4	14.1	18.8	23.5	32.9	56.4	117.4	187.9	319.4
-2.5°	4.7	4.7	9.4	14.1	18.8	23.5	32.9	56.4	117.4	187.9	319.4
-5°	4.7	4.7	9.4	14.0	19.5	24.4	36.4	67.4	125.8	215.7	344.8
-7.5°	4.7	4.7	9.3	14.0	19.8	24.9	37.9	71.9	128.8	226.3	353.8
-10°	4.7	4.7	9.3	13.9	20.1	25.2	39.1	75.7	130.9	234.0	360.3
-12.5°	4.7	4.7	9.2	13.8	20.2	25.5	40.0	78.5	132.4	238.0	365.4
-15°	4.7	4.7	9.1	13.6	20.3	25.8	40.6	80.2	135.2	237.6	367.3
-17.5°	4.7	4.7	9.0	13.4	20.2	26.0	40.8	82.0	139.2	235.2	365.0
-20°	4.7	4.7	8.8	13.2	20.1	26.1	41.8	83.7	141.8	230.9	358.3

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Scaled Data Report



REPORT NUMBER: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	4.7	4.7	8.7	13.0	19.9	26.2	44.5	84.4	143.0	224.7	346.9
-25°	4.7	4.7	8.5	12.8	19.5	28.0	46.7	84.2	142.6	216.7	330.7
-27.5°	4.7	4.7	8.3	12.5	19.0	30.2	48.4	82.9	140.6	209.9	318.8
-30°	4.7	4.7	8.1	12.2	18.6	32.0	49.6	80.6	138.0	206.9	305.5
-32.5°	4.7	4.7	7.9	11.9	19.3	33.6	50.2	80.7	134.6	201.7	290.4
-35°	4.7	4.7	7.7	11.5	19.8	34.8	51.5	81.1	129.9	194.4	273.7
-37.5°	4.7	4.7	7.5	11.2	20.1	35.6	52.9	80.8	123.9	185.0	266.2
-40°	4.7	4.7	7.2	10.8	20.2	35.9	53.8	79.8	116.6	176.0	257.9
-42.5°	4.7	4.7	6.9	10.6	20.4	35.9	54.0	77.9	112.4	168.7	245.1
-45°	4.7	4.7	6.6	10.6	20.5	35.6	53.8	76.2	109.4	159.7	229.1
-47.5°	4.7	4.7	6.3	10.6	20.3	35.1	53.0	75.2	105.4	148.9	216.4
-50°	4.7	4.7	6.0	10.4	20.0	34.3	51.9	73.3	102.3	145.0	201.3
-52.5°	4.7	4.7	5.7	10.2	19.4	33.2	50.4	70.7	99.7	139.9	185.1
-55°	4.7	4.7	5.4	9.9	18.5	31.8	48.6	67.6	96.5	133.6	177.4
-57.5°	4.7	4.7	5.0	9.6	17.5	30.1	46.5	64.7	91.9	126.9	168.2
-60°	4.7	4.7	4.7	9.2	16.3	28.1	43.9	61.6	86.2	119.0	157.7
-62.5°	4.7	4.7	4.7	8.7	15.4	25.7	40.4	57.3	79.0	109.6	145.4
-65°	4.7	4.7	4.7	8.1	14.4	23.0	36.4	51.9	70.4	97.3	131.5
-67.5°	4.7	4.7	4.7	7.5	13.3	20.7	32.0	45.6	60.4	82.8	113.0
-70°	4.7	4.7	4.7	6.8	12.0	18.8	27.3	38.9	51.7	66.8	91.3
-72.5°	4.7	4.7	4.7	6.6	10.7	16.8	24.1	31.8	42.7	55.4	69.8
-75°	4.7	4.7	4.7	6.6	9.4	14.6	21.0	26.8	33.2	43.6	55.5
-77.5°	4.7	4.7	4.7	6.5	8.9	12.3	17.7	22.5	27.6	33.1	40.8
-80°	4.7	4.7	4.7	6.4	8.6	11.1	14.3	18.1	22.2	26.6	31.4
-82.5°	4.7	4.7	4.7	6.3	8.2	10.4	12.9	14.7	16.8	20.1	23.7
-85°	4.7	4.7	4.7	6.2	7.8	9.7	11.8	13.4	14.9	16.5	18.0
-87.5°	4.7	4.7	4.7	6.0	7.5	9.0	10.6	12.0	13.3	14.7	16.1
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.5	2.3	1.2	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°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	15.3	16.5	17.6
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°	1.4	1.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.1	2.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.7	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.8	1.3	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2.7	2.9	1.9	0.8	0.0	0.3	0.7	0.5	0.0	0.2	0.6
67.5°	4.4	3.3	2.1	1.3	1.8	2.4	2.2	2.4	2.5	2.8	2.4
65°	4.6	3.5	3.5	4.1	4.6	5.1	5.5	5.8	4.9	4.2	4.3
62.5°	4.9	5.3	6.1	6.9	7.5	8.2	8.2	7.3	5.6	7.0	8.0
60°	7.0	7.7	8.7	9.6	10.5	11.0	10.6	10.7	11.9	13.8	26.4
57.5°	9.4	10.0	11.2	12.7	14.0	14.2	14.6	15.9	37.2	60.8	67.1
55°	11.9	12.4	14.4	16.7	18.1	17.9	25.8	54.3	81.9	113.5	125.2
52.5°	14.3	15.3	18.7	21.5	23.3	36.2	65.2	104.0	144.8	181.1	228.0
50°	16.7	20.1	23.6	27.7	44.2	78.0	120.5	173.4	234.9	292.8	352.2
47.5°	20.9	25.2	30.5	43.7	87.1	134.1	192.8	277.9	353.8	423.9	505.3
45°	25.9	34.7	40.6	86.5	137.0	197.6	297.0	401.0	469.9	563.8	707.8
42.5°	31.0	48.1	77.6	130.7	192.2	289.9	413.2	501.9	593.5	745.7	897.1
40°	44.5	64.4	117.1	180.2	258.1	400.6	527.2	627.6	752.7	921.4	1079.5
37.5°	61.0	98.4	157.3	233.1	361.6	517.8	653.4	796.7	940.5	1099.6	1392.8
35°	79.3	129.8	208.3	310.5	465.2	647.7	809.3	969.5	1135.3	1448.4	1739.4
32.5°	103.2	158.8	261.7	400.6	577.1	777.5	965.1	1150.3	1416.1	1770.5	2062.5
30°	128.9	205.4	323.0	484.0	682.5	896.3	1121.9	1346.1	1698.0	1991.3	2308.2
27.5°	155.8	254.6	395.0	571.1	781.2	1008.5	1263.1	1582.9	1896.8	2186.5	2534.8
25°	183.4	305.9	460.8	654.4	878.2	1129.7	1422.5	1812.1	2057.7	2377.8	2741.2
22.5°	218.9	354.9	526.0	729.9	968.2	1254.2	1627.7	2018.9	2307.9	2577.2	2932.1
20°	259.9	410.0	596.9	824.5	1056.3	1375.9	1831.7	2243.2	2583.0	2891.4	3217.5
17.5°	298.2	461.6	672.7	921.1	1184.6	1531.8	2031.8	2487.3	2861.2	3204.9	3612.0
15°	333.6	509.4	747.0	1012.4	1310.6	1710.4	2211.3	2711.5	3138.5	3525.2	3987.8
12.5°	366.0	553.0	818.5	1098.0	1429.3	1864.3	2362.1	2850.3	3319.6	3823.5	4348.4
10°	395.2	592.2	886.1	1176.9	1539.4	1994.6	2486.6	2966.0	3439.5	3972.7	4555.9
7.5°	426.6	628.9	947.4	1248.7	1639.5	2102.1	2586.1	3058.8	3536.4	4092.1	4690.8
5°	455.5	662.6	996.2	1300.1	1716.9	2186.1	2661.0	3129.3	3609.9	4181.0	4793.0
2.5°	481.0	690.9	1035.9	1340.5	1774.3	2247.9	2709.6	3188.1	3664.5	4253.3	4871.0
0°	502.6	713.9	1066.2	1371.5	1817.7	2292.1	2738.3	3226.7	3696.4	4302.3	4922.3
-2.5°	516.4	751.6	1087.0	1425.5	1855.6	2321.0	2763.9	3237.5	3730.8	4317.8	4979.9
-5°	526.1	782.1	1099.5	1467.2	1880.4	2333.8	2772.3	3229.2	3740.0	4313.9	4988.4
-7.5°	531.7	803.7	1105.4	1490.8	1889.1	2326.1	2758.0	3213.3	3724.9	4299.2	4951.1
-10°	535.0	810.4	1113.3	1483.7	1877.6	2300.9	2726.3	3176.0	3682.3	4251.1	4880.2
-12.5°	543.8	806.1	1112.0	1467.9	1852.9	2262.9	2679.1	3116.9	3611.3	4169.2	4782.2
-15°	546.0	796.4	1098.6	1444.6	1815.2	2213.2	2617.5	3035.8	3523.8	4089.3	4673.9
-17.5°	541.1	781.9	1072.6	1415.0	1764.6	2152.8	2544.8	2962.9	3441.7	3997.3	4560.1
-20°	528.5	762.9	1033.3	1380.0	1704.6	2085.8	2472.1	2886.4	3347.2	3869.5	4432.8



REPORT NUMBER: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	507.9	740.1	990.8	1331.1	1652.8	2008.8	2386.8	2782.1	3228.9	3703.8	4261.7
-25°	486.7	714.2	957.3	1263.9	1590.4	1919.0	2288.9	2654.7	3090.0	3556.3	4051.4
-27.5°	466.5	678.1	922.5	1190.3	1517.1	1823.0	2178.1	2534.9	2933.7	3390.7	3846.5
-30°	440.1	639.0	879.9	1119.5	1429.3	1732.6	2054.6	2405.7	2764.3	3198.1	3646.5
-32.5°	416.8	598.5	831.5	1065.6	1334.9	1630.8	1921.4	2256.0	2606.1	2975.8	3418.9
-35°	401.3	574.5	780.2	1003.3	1238.7	1520.1	1796.5	2087.2	2426.2	2773.2	3162.3
-37.5°	388.7	547.0	726.2	938.4	1162.5	1404.0	1662.7	1930.2	2226.0	2575.9	2941.7
-40°	368.8	516.0	686.2	876.6	1074.2	1293.8	1534.0	1776.1	2032.6	2374.4	2735.3
-42.5°	343.4	486.0	648.5	809.3	989.9	1190.3	1403.8	1631.8	1878.2	2175.2	2506.9
-45°	323.9	447.5	606.6	750.6	900.1	1083.4	1283.8	1490.4	1722.8	1977.7	2275.7
-47.5°	299.1	405.8	551.8	686.3	818.0	974.5	1157.8	1353.4	1559.2	1788.9	2033.1
-50°	272.5	370.9	484.7	615.7	741.3	871.4	1027.8	1208.6	1395.4	1595.5	1813.4
-52.5°	252.3	330.2	434.0	543.0	662.8	780.8	914.0	1069.0	1235.8	1403.1	1594.7
-55°	229.5	300.2	385.8	483.5	585.4	694.7	815.9	951.7	1087.7	1241.4	1394.3
-57.5°	213.4	271.3	345.5	430.4	522.0	614.8	729.3	844.0	969.9	1097.1	1224.0
-60°	200.9	246.4	307.9	382.7	464.3	551.1	645.0	751.1	859.5	963.3	1072.9
-62.5°	186.6	226.2	274.2	335.2	409.0	484.5	567.2	658.0	756.1	843.5	928.5
-65°	168.0	202.4	243.7	293.3	351.3	415.1	485.5	562.1	646.9	717.8	787.2
-67.5°	146.7	175.7	210.3	250.8	299.1	348.9	400.6	465.4	534.2	592.1	648.7
-70°	119.9	146.7	175.0	208.0	245.9	288.1	333.6	380.6	427.7	475.0	526.8
-72.5°	91.7	116.1	140.1	163.7	193.9	228.5	265.6	305.0	346.1	386.6	425.9
-75°	69.9	85.7	106.7	128.0	148.9	171.5	196.6	228.0	266.2	305.3	341.3
-77.5°	52.8	66.1	80.0	94.7	107.9	124.5	142.6	162.1	193.7	229.9	266.4
-80°	38.1	46.1	57.2	69.0	78.2	87.4	96.9	106.8	130.2	159.4	190.5
-82.5°	28.3	33.7	39.9	46.8	51.5	56.0	61.1	67.6	85.0	104.7	125.5
-85°	19.5	21.1	24.4	28.2	30.9	33.5	36.2	39.0	48.4	58.9	70.2
-87.5°	16.8	17.6	18.5	19.5	19.8	20.1	20.4	20.7	23.9	27.2	30.6
-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: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	18.8	20.0	21.2	22.3	23.5	24.7	25.9	27.0	28.2	28.2	28.2
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°	0.4	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.1	2.4	2.4	1.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0
65°	5.0	4.7	3.5	2.3	1.1	1.8	2.9	3.4	3.4	3.1	2.4
62.5°	7.5	6.8	6.2	7.1	8.6	9.9	9.5	9.0	8.3	7.9	8.2
60°	27.8	18.5	21.4	26.9	25.1	17.2	28.3	32.0	27.3	18.7	18.0
57.5°	70.4	68.0	77.9	113.7	125.1	114.0	136.2	165.4	164.6	141.7	141.0
55°	150.0	201.2	263.1	273.1	316.2	402.5	469.7	440.2	440.1	462.2	533.5
52.5°	284.9	333.3	351.3	399.4	489.4	554.7	596.6	640.1	687.7	736.2	785.5
50°	418.2	465.1	518.4	567.6	692.2	759.2	748.0	838.0	953.2	1025.1	1062.1
47.5°	613.3	687.3	800.0	976.5	1069.5	1136.7	1220.3	1322.2	1454.2	1633.1	1771.0
45°	843.1	959.5	1133.8	1321.4	1465.7	1531.4	1627.0	1784.9	1995.3	2200.1	2349.7
42.5°	1031.0	1190.6	1387.3	1566.5	1684.2	1792.1	1916.0	2049.1	2290.0	2508.8	2681.7
40°	1276.1	1400.5	1621.1	1790.0	1895.4	2002.4	2198.7	2397.9	2624.5	2828.3	2970.0
37.5°	1586.8	1726.7	1956.2	2147.3	2248.7	2286.5	2620.3	2897.6	3081.8	3342.0	3427.1
35°	1920.5	2150.9	2443.4	2691.1	2790.5	2989.0	3332.8	3719.8	4139.1	4293.3	4424.8
32.5°	2292.9	2577.1	2974.0	3239.8	3381.7	3682.9	4118.1	4531.1	5079.4	5376.9	5465.9
30°	2633.5	2959.7	3300.8	3559.2	3801.8	4164.6	4561.4	5070.7	5577.7	5958.1	6076.3
27.5°	2883.5	3244.4	3572.3	3814.3	4088.1	4479.3	4974.0	5489.8	5987.4	6375.5	6513.5
25°	3122.2	3530.1	3789.8	4071.1	4392.6	4818.9	5367.1	5940.2	6430.3	6758.4	6927.5
22.5°	3393.6	3795.8	4074.6	4312.9	4733.2	5224.4	5733.3	6380.9	6900.1	7161.9	7345.3
20°	3673.8	4128.9	4559.4	4781.1	5144.8	5766.6	6336.4	6947.7	7449.2	7722.0	7915.1
17.5°	4064.7	4644.6	5172.6	5486.6	5876.0	6619.6	7330.5	7949.0	8646.6	8892.9	9129.0
15°	4476.8	5148.1	5766.6	6263.9	6767.0	7503.8	8419.0	9165.2	9961.2	10316.6	10718.5
12.5°	4887.7	5522.9	6083.3	6724.8	7433.8	8085.6	8956.9	9886.2	10608.4	11061.8	11332.4
10°	5194.8	5784.7	6324.0	6967.1	7674.8	8412.1	9277.8	10230.5	10986.5	11373.4	11594.2
7.5°	5360.6	5925.2	6494.0	7145.7	7850.2	8635.4	9527.5	10472.6	11245.7	11620.5	11838.5
5°	5483.7	6026.0	6615.0	7301.0	8013.3	8809.5	9700.3	10634.2	11339.1	11737.4	12013.1
2.5°	5558.2	6089.9	6692.1	7401.3	8115.4	8944.6	9878.5	10846.5	11463.3	11783.8	12037.3
0°	5579.8	6115.3	6735.3	7453.9	8186.6	9022.6	9947.9	10906.1	11530.7	11840.7	12099.0
-2.5°	5604.1	6155.4	6792.4	7487.9	8214.4	9048.1	9992.6	10926.2	11488.1	11800.9	12046.7
-5°	5587.2	6158.5	6793.6	7459.8	8191.0	9018.1	9924.8	10797.8	11385.6	11723.7	11968.1
-7.5°	5536.6	6116.1	6744.6	7384.9	8102.2	8938.6	9841.5	10682.1	11277.6	11634.2	11901.6
-10°	5463.1	6025.6	6658.5	7306.9	8015.6	8811.8	9700.8	10536.4	11106.3	11484.9	11796.6
-12.5°	5381.5	5932.5	6542.4	7164.3	7865.3	8651.6	9513.0	10304.0	10870.6	11283.6	11506.2
-15°	5260.7	5811.3	6394.5	6996.0	7679.2	8442.1	9264.9	10023.8	10580.1	10916.2	11162.3
-17.5°	5107.0	5647.3	6200.1	6770.7	7414.4	8165.7	8993.5	9741.9	10195.4	10495.6	10737.4
-20°	4942.4	5442.0	5965.8	6504.2	7128.1	7872.3	8685.3	9338.1	9765.5	10053.9	10282.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	4754.4	5235.5	5714.9	6229.6	6841.4	7523.7	8241.8	8872.7	9332.2	9594.9	9806.0
-25°	4539.8	5007.8	5463.1	5960.2	6522.4	7135.7	7803.4	8423.3	8834.9	9114.0	9323.3
-27.5°	4308.6	4748.3	5193.1	5639.5	6144.9	6756.0	7374.4	7950.3	8301.6	8582.9	8793.4
-30°	4078.0	4473.4	4884.9	5307.5	5781.9	6332.9	6911.3	7395.6	7766.1	8039.3	8234.8
-32.5°	3827.9	4203.2	4567.7	4962.7	5409.4	5895.0	6402.6	6863.2	7259.2	7509.5	7674.2
-35°	3571.8	3935.1	4268.8	4627.3	5021.3	5440.3	5908.9	6363.2	6754.2	6952.2	7112.8
-37.5°	3305.1	3667.3	3983.7	4283.2	4622.6	5010.7	5467.0	5900.5	6238.3	6408.5	6553.2
-40°	3073.1	3392.0	3676.8	3963.4	4239.3	4584.0	5009.8	5429.6	5700.6	5866.5	6000.9
-42.5°	2848.0	3117.0	3350.2	3607.1	3883.3	4223.0	4566.6	4918.5	5136.4	5320.6	5462.2
-45°	2585.8	2826.2	3044.9	3258.6	3510.5	3820.6	4132.7	4414.6	4618.6	4796.6	4934.5
-47.5°	2295.8	2527.9	2740.2	2931.3	3165.4	3424.1	3686.9	3921.4	4122.9	4298.8	4421.8
-50°	2025.4	2232.9	2440.2	2633.5	2836.3	3045.7	3258.9	3464.8	3656.0	3826.9	3931.6
-52.5°	1783.3	1974.7	2155.9	2324.9	2502.4	2679.2	2855.8	3044.4	3220.3	3382.1	3465.7
-55°	1564.2	1736.8	1900.3	2042.7	2185.1	2325.3	2476.7	2650.8	2812.8	2962.6	3022.6
-57.5°	1367.5	1515.2	1659.9	1780.3	1896.6	2008.1	2141.0	2288.0	2429.8	2558.2	2607.3
-60°	1186.6	1303.8	1424.8	1531.6	1633.0	1728.6	1844.5	1962.8	2077.9	2174.7	2216.5
-62.5°	1020.3	1120.5	1212.1	1299.0	1384.8	1470.9	1564.4	1658.3	1751.2	1825.8	1863.5
-65°	859.8	939.6	1013.3	1084.7	1154.0	1226.3	1299.5	1370.9	1439.6	1492.9	1525.6
-67.5°	709.2	769.9	828.3	884.0	942.0	1000.6	1057.9	1112.5	1164.2	1205.4	1236.6
-70°	575.7	622.7	668.4	714.5	762.9	808.5	851.6	892.5	930.9	960.6	984.7
-72.5°	464.1	502.2	541.7	583.2	622.3	656.3	687.3	717.2	745.9	762.6	775.2
-75°	374.1	406.2	440.5	474.1	506.8	532.7	555.5	577.5	598.7	599.8	595.6
-77.5°	302.2	330.9	357.5	383.9	410.0	425.9	439.9	454.2	468.7	460.3	447.1
-80°	221.8	245.7	268.3	291.0	313.7	323.1	329.7	335.5	340.3	329.3	315.7
-82.5°	147.2	162.3	176.9	191.9	207.0	213.0	217.6	221.3	224.2	214.3	202.9
-85°	82.1	89.4	96.5	103.6	110.8	115.0	118.9	122.5	125.7	119.8	113.1
-87.5°	34.2	35.8	37.4	39.0	40.5	42.0	43.5	44.9	46.4	46.6	46.7
-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: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-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°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	27.0
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°	1.4	0.2	0.0	0.0	0.0	0.2	1.4	2.4	3.1	3.4	3.4
62.5°	8.6	9.0	9.3	9.4	9.3	9.0	8.6	8.2	7.9	8.3	9.0
60°	16.6	14.5	14.0	14.1	14.0	14.5	16.6	18.0	18.7	27.3	32.0
57.5°	130.2	111.4	114.2	126.8	114.2	111.4	130.2	141.0	141.7	164.6	165.4
55°	608.5	679.2	704.2	690.4	704.2	679.2	608.5	533.5	462.2	440.1	440.2
52.5°	824.4	853.4	864.6	864.2	864.6	853.4	824.4	785.5	736.2	687.7	640.1
50°	1073.2	1063.4	1048.3	1033.3	1048.3	1063.4	1073.2	1062.1	1025.1	953.2	838.0
47.5°	1791.1	1760.1	1747.0	1770.7	1747.0	1760.1	1791.1	1771.0	1633.1	1454.2	1322.2
45°	2380.2	2416.5	2443.7	2442.4	2443.7	2416.5	2380.2	2349.7	2200.1	1995.3	1784.9
42.5°	2715.6	2734.9	2740.6	2733.6	2740.6	2734.9	2715.6	2681.7	2508.8	2290.0	2049.1
40°	3014.5	3037.6	3050.6	3062.3	3050.6	3037.6	3014.5	2970.0	2828.3	2624.5	2397.9
37.5°	3455.2	3463.7	3445.2	3433.4	3445.2	3463.7	3455.2	3427.1	3342.0	3081.8	2897.6
35°	4535.6	4557.7	4506.5	4560.6	4506.5	4557.7	4535.6	4424.8	4293.3	4139.1	3719.8
32.5°	5571.8	5675.5	5759.4	5828.8	5759.4	5675.5	5571.8	5465.9	5376.9	5079.4	4531.1
30°	6158.7	6225.6	6261.6	6270.3	6261.6	6225.6	6158.7	6076.3	5958.1	5577.7	5070.7
27.5°	6589.7	6659.9	6703.5	6735.3	6703.5	6659.9	6589.7	6513.5	6375.5	5987.4	5489.8
25°	7005.1	7069.2	7112.8	7129.8	7112.8	7069.2	7005.1	6927.5	6758.4	6430.3	5940.2
22.5°	7436.1	7480.6	7522.5	7543.1	7522.5	7480.6	7436.1	7345.3	7161.9	6900.1	6380.9
20°	8053.9	8029.7	8067.9	8055.1	8067.9	8029.7	8053.9	7915.1	7722.0	7449.2	6947.7
17.5°	9313.0	9326.1	9351.6	9393.7	9351.6	9326.1	9313.0	9129.0	8892.9	8646.6	7949.0
15°	10896.5	10928.4	11090.4	11234.8	11090.4	10928.4	10896.5	10718.5	10316.6	9961.2	9165.2
12.5°	11583.4	11693.7	11710.8	11751.5	11710.8	11693.7	11583.4	11332.4	11061.8	10608.4	9886.2
10°	11812.6	12003.6	11999.5	12047.4	11999.5	12003.6	11812.6	11594.2	11373.4	10986.5	10230.5
7.5°	11986.5	12191.6	12278.2	12315.1	12278.2	12191.6	11986.5	11838.5	11620.5	11245.7	10472.6
5°	12198.9	12311.6	12461.2	12418.4	12461.2	12311.6	12198.9	12013.1	11737.4	11339.1	10634.2
2.5°	12287.9	12464.5	12423.7	12465.4	12423.7	12464.5	12287.9	12037.3	11783.8	11463.3	10846.5
0°	12348.0	12474.8	12493.6	12535.9	12493.6	12474.8	12348.0	12099.0	11840.7	11530.7	10906.1
-2.5°	12275.1	12386.7	12582.2	12521.8	12582.2	12386.7	12275.1	12046.7	11800.9	11488.1	10926.2
-5°	12211.3	12486.0	12379.3	12512.4	12379.3	12486.0	12211.3	11968.1	11723.7	11385.6	10797.8
-7.5°	12178.3	12227.4	12298.2	12399.6	12298.2	12227.4	12178.3	11901.6	11634.2	11277.6	10682.1
-10°	11923.4	11973.6	12103.7	12174.2	12103.7	11973.6	11923.4	11796.6	11484.9	11106.3	10536.4
-12.5°	11646.9	11744.2	11880.8	11925.3	11880.8	11744.2	11646.9	11506.2	11283.6	10870.6	10304.0
-15°	11328.4	11472.9	11606.1	11634.1	11606.1	11472.9	11328.4	11162.3	10916.2	10580.1	10023.8
-17.5°	10923.4	11096.7	11236.6	11267.7	11236.6	11096.7	10923.4	10737.4	10495.6	10195.4	9741.9
-20°	10477.2	10643.1	10762.1	10798.0	10762.1	10643.1	10477.2	10282.3	10053.9	9765.5	9338.1



REPORT NUMBER: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-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°	9999.4	10148.8	10249.5	10234.4	10249.5	10148.8	9999.4	9806.0	9594.9	9332.2	8872.7
-25°	9492.1	9630.8	9726.7	9713.1	9726.7	9630.8	9492.1	9323.3	9114.0	8834.9	8423.3
-27.5°	8955.9	9087.3	9179.4	9182.3	9179.4	9087.3	8955.9	8793.4	8582.9	8301.6	7950.3
-30°	8392.4	8511.7	8586.5	8557.6	8586.5	8511.7	8392.4	8234.8	8039.3	7766.1	7395.6
-32.5°	7811.2	7919.1	7987.7	8008.1	7987.7	7919.1	7811.2	7674.2	7509.5	7259.2	6863.2
-35°	7237.9	7333.1	7392.3	7406.9	7392.3	7333.1	7237.9	7112.8	6952.2	6754.2	6363.2
-37.5°	6668.3	6750.2	6791.6	6772.8	6791.6	6750.2	6668.3	6553.2	6408.5	6238.3	5900.5
-40°	6105.5	6183.4	6230.8	6242.1	6230.8	6183.4	6105.5	6000.9	5866.5	5700.6	5429.6
-42.5°	5552.1	5616.9	5658.5	5678.5	5658.5	5616.9	5552.1	5462.2	5320.6	5136.4	4918.5
-45°	5015.0	5073.0	5112.0	5133.6	5112.0	5073.0	5015.0	4934.5	4796.6	4618.6	4414.6
-47.5°	4492.5	4543.3	4576.9	4593.5	4576.9	4543.3	4492.5	4421.8	4298.8	4122.9	3921.4
-50°	3992.8	4036.8	4068.2	4086.2	4068.2	4036.8	3992.8	3931.6	3826.9	3656.0	3464.8
-52.5°	3518.9	3557.4	3584.1	3597.8	3584.1	3557.4	3518.9	3465.7	3382.1	3220.3	3044.4
-55°	3066.4	3097.6	3122.3	3137.5	3122.3	3097.6	3066.4	3022.6	2962.6	2812.8	2650.8
-57.5°	2644.5	2669.9	2693.4	2710.1	2693.4	2669.9	2644.5	2607.3	2558.2	2429.8	2288.0
-60°	2249.5	2273.5	2293.5	2306.1	2293.5	2273.5	2249.5	2216.5	2174.7	2077.9	1962.8
-62.5°	1893.0	1914.3	1932.6	1944.5	1932.6	1914.3	1893.0	1863.5	1825.8	1751.2	1658.3
-65°	1551.3	1570.4	1584.0	1592.2	1584.0	1570.4	1551.3	1525.6	1492.9	1439.6	1370.9
-67.5°	1263.3	1285.3	1289.6	1286.9	1289.6	1285.3	1263.3	1236.6	1205.4	1164.2	1112.5
-70°	1006.2	1024.8	1029.2	1028.6	1029.2	1024.8	1006.2	984.7	960.6	930.9	892.5
-72.5°	786.8	797.0	788.3	775.0	788.3	797.0	786.8	775.2	762.6	745.9	717.2
-75°	590.4	583.9	574.8	563.6	574.8	583.9	590.4	595.6	599.8	598.7	577.5
-77.5°	432.4	416.4	405.9	394.5	405.9	416.4	432.4	447.1	460.3	468.7	454.2
-80°	301.1	285.4	274.5	263.0	274.5	285.4	301.1	315.7	329.3	340.3	335.5
-82.5°	190.7	177.8	171.3	164.4	171.3	177.8	190.7	202.9	214.3	224.2	221.3
-85°	105.9	98.3	93.8	89.2	93.8	98.3	105.9	113.1	119.8	125.7	122.5
-87.5°	46.8	46.9	44.6	42.3	44.6	46.9	46.8	46.7	46.6	46.4	44.9
-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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CATALOG NUMBER: GFLD-SA5B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	25.9	24.7	23.5	22.3	21.2	20.0	18.8	17.6	16.5	15.3	14.1
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	0.4	0.6	0.2	0.0	0.5
67.5°	0.0	0.0	0.8	1.9	2.4	2.4	2.1	2.4	2.8	2.5	2.4
65°	2.9	1.8	1.1	2.3	3.5	4.7	5.0	4.3	4.2	4.9	5.8
62.5°	9.5	9.9	8.6	7.1	6.2	6.8	7.5	8.0	7.0	5.6	7.3
60°	28.3	17.2	25.1	26.9	21.4	18.5	27.8	26.4	13.8	11.9	10.7
57.5°	136.2	114.0	125.1	113.7	77.9	68.0	70.4	67.1	60.8	37.2	15.9
55°	469.7	402.5	316.2	273.1	263.1	201.2	150.0	125.2	113.5	81.9	54.3
52.5°	596.6	554.7	489.4	399.4	351.3	333.3	284.9	228.0	181.1	144.8	104.0
50°	748.0	759.2	692.2	567.6	518.4	465.1	418.2	352.2	292.8	234.9	173.4
47.5°	1220.3	1136.7	1069.5	976.5	800.0	687.3	613.3	505.3	423.9	353.8	277.9
45°	1627.0	1531.4	1465.7	1321.4	1133.8	959.5	843.1	707.8	563.8	469.9	401.0
42.5°	1916.0	1792.1	1684.2	1566.5	1387.3	1190.6	1031.0	897.1	745.7	593.5	501.9
40°	2198.7	2002.4	1895.4	1790.0	1621.1	1400.5	1276.1	1079.5	921.4	752.7	627.6
37.5°	2620.3	2286.5	2248.7	2147.3	1956.2	1726.7	1586.8	1392.8	1099.6	940.5	796.7
35°	3332.8	2989.0	2790.5	2691.1	2443.4	2150.9	1920.5	1739.4	1448.4	1135.3	969.5
32.5°	4118.1	3682.9	3381.7	3239.8	2974.0	2577.1	2292.9	2062.5	1770.5	1416.1	1150.3
30°	4561.4	4164.6	3801.8	3559.2	3300.8	2959.7	2633.5	2308.2	1991.3	1698.0	1346.1
27.5°	4974.0	4479.3	4088.1	3814.3	3572.3	3244.4	2883.5	2534.8	2186.5	1896.8	1582.9
25°	5367.1	4818.9	4392.6	4071.1	3789.8	3530.1	3122.2	2741.2	2377.8	2057.7	1812.1
22.5°	5733.3	5224.4	4733.2	4312.9	4074.6	3795.8	3393.6	2932.1	2577.2	2307.9	2018.9
20°	6336.4	5766.6	5144.8	4781.1	4559.4	4128.9	3673.8	3217.5	2891.4	2583.0	2243.2
17.5°	7330.5	6619.6	5876.0	5486.6	5172.6	4644.6	4064.7	3612.0	3204.9	2861.2	2487.3
15°	8419.0	7503.8	6767.0	6263.9	5766.6	5148.1	4476.8	3987.8	3525.2	3138.5	2711.5
12.5°	8956.9	8085.6	7433.8	6724.8	6083.3	5522.9	4887.7	4348.4	3823.5	3319.6	2850.3
10°	9277.8	8412.1	7674.8	6967.1	6324.0	5784.7	5194.8	4555.9	3972.7	3439.5	2966.0
7.5°	9527.5	8635.4	7850.2	7145.7	6494.0	5925.2	5360.6	4690.8	4092.1	3536.4	3058.8
5°	9700.3	8809.5	8013.3	7301.0	6615.0	6026.0	5483.7	4793.0	4181.0	3609.9	3129.3
2.5°	9878.5	8944.6	8115.4	7401.3	6692.1	6089.9	5558.2	4871.0	4253.3	3664.5	3188.1
0°	9947.9	9022.6	8186.6	7453.9	6735.3	6115.3	5579.8	4922.3	4302.3	3696.4	3226.7
-2.5°	9992.6	9048.1	8214.4	7487.9	6792.4	6155.4	5604.1	4979.9	4317.8	3730.8	3237.5
-5°	9924.8	9018.1	8191.0	7459.8	6793.6	6158.5	5587.2	4988.4	4313.9	3740.0	3229.2
-7.5°	9841.5	8938.6	8102.2	7384.9	6744.6	6116.1	5536.6	4951.1	4299.2	3724.9	3213.3
-10°	9700.8	8811.8	8015.6	7306.9	6658.5	6025.6	5463.1	4880.2	4251.1	3682.3	3176.0
-12.5°	9513.0	8651.6	7865.3	7164.3	6542.4	5932.5	5381.5	4782.2	4169.2	3611.3	3116.9
-15°	9264.9	8442.1	7679.2	6996.0	6394.5	5811.3	5260.7	4673.9	4089.3	3523.8	3035.8
-17.5°	8993.5	8165.7	7414.4	6770.7	6200.1	5647.3	5107.0	4560.1	3997.3	3441.7	2962.9
-20°	8685.3	7872.3	7128.1	6504.2	5965.8	5442.0	4942.4	4432.8	3869.5	3347.2	2886.4



REPORT NUMBER: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-730-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°	8241.8	7523.7	6841.4	6229.6	5714.9	5235.5	4754.4	4261.7	3703.8	3228.9	2782.1
-25°	7803.4	7135.7	6522.4	5960.2	5463.1	5007.8	4539.8	4051.4	3556.3	3090.0	2654.7
-27.5°	7374.4	6756.0	6144.9	5639.5	5193.1	4748.3	4308.6	3846.5	3390.7	2933.7	2534.9
-30°	6911.3	6332.9	5781.9	5307.5	4884.9	4473.4	4078.0	3646.5	3198.1	2764.3	2405.7
-32.5°	6402.6	5895.0	5409.4	4962.7	4567.7	4203.2	3827.9	3418.9	2975.8	2606.1	2256.0
-35°	5908.9	5440.3	5021.3	4627.3	4268.8	3935.1	3571.8	3162.3	2773.2	2426.2	2087.2
-37.5°	5467.0	5010.7	4622.6	4283.2	3983.7	3667.3	3305.1	2941.7	2575.9	2226.0	1930.2
-40°	5009.8	4584.0	4239.3	3963.4	3676.8	3392.0	3073.1	2735.3	2374.4	2032.6	1776.1
-42.5°	4566.6	4223.0	3883.3	3607.1	3350.2	3117.0	2848.0	2506.9	2175.2	1878.2	1631.8
-45°	4132.7	3820.6	3510.5	3258.6	3044.9	2826.2	2585.8	2275.7	1977.7	1722.8	1490.4
-47.5°	3686.9	3424.1	3165.4	2931.3	2740.2	2527.9	2295.8	2033.1	1788.9	1559.2	1353.4
-50°	3258.9	3045.7	2836.3	2633.5	2440.2	2232.9	2025.4	1813.4	1595.5	1395.4	1208.6
-52.5°	2855.8	2679.2	2502.4	2324.9	2155.9	1974.7	1783.3	1594.7	1403.1	1235.8	1069.0
-55°	2476.7	2325.3	2185.1	2042.7	1900.3	1736.8	1564.2	1394.3	1241.4	1087.7	951.7
-57.5°	2141.0	2008.1	1896.6	1780.3	1659.9	1515.2	1367.5	1224.0	1097.1	969.9	844.0
-60°	1844.5	1728.6	1633.0	1531.6	1424.8	1303.8	1186.6	1072.9	963.3	859.5	751.1
-62.5°	1564.4	1470.9	1384.8	1299.0	1212.1	1120.5	1020.3	928.5	843.5	756.1	658.0
-65°	1299.5	1226.3	1154.0	1084.7	1013.3	939.6	859.8	787.2	717.8	646.9	562.1
-67.5°	1057.9	1000.6	942.0	884.0	828.3	769.9	709.2	648.7	592.1	534.2	465.4
-70°	851.6	808.5	762.9	714.5	668.4	622.7	575.7	526.8	475.0	427.7	380.6
-72.5°	687.3	656.3	622.3	583.2	541.7	502.2	464.1	425.9	386.6	346.1	305.0
-75°	555.5	532.7	506.8	474.1	440.5	406.2	374.1	341.3	305.3	266.2	228.0
-77.5°	439.9	425.9	410.0	383.9	357.5	330.9	302.2	266.4	229.9	193.7	162.1
-80°	329.7	323.1	313.7	291.0	268.3	245.7	221.8	190.5	159.4	130.2	106.8
-82.5°	217.6	213.0	207.0	191.9	176.9	162.3	147.2	125.5	104.7	85.0	67.6
-85°	118.9	115.0	110.8	103.6	96.5	89.4	82.1	70.2	58.9	48.4	39.0
-87.5°	43.5	42.0	40.5	39.0	37.4	35.8	34.2	30.6	27.2	23.9	20.7
-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: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	12.9	11.8	10.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	2.5
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.8	1.4
82.5°	0.0	0.0	0.0	0.1	0.8	1.2	1.4	1.2	0.7	0.1	0.4
80°	0.0	0.0	0.0	0.1	1.2	2.5	3.1	3.2	2.5	1.7	0.9
77.5°	0.0	0.0	0.0	0.0	0.5	1.4	2.7	4.3	4.2	3.3	2.3
75°	0.0	0.0	0.0	0.2	0.3	0.1	1.0	2.5	3.8	4.6	3.7
72.5°	0.0	0.0	0.0	0.6	1.3	1.3	0.8	0.8	2.7	4.0	4.6
70°	0.7	0.3	0.0	0.8	1.9	2.9	2.7	2.2	1.8	3.4	4.4
67.5°	2.2	2.4	1.8	1.3	2.1	3.3	4.4	4.2	3.6	3.1	4.3
65°	5.5	5.1	4.6	4.1	3.5	3.5	4.6	5.8	5.5	4.7	4.3
62.5°	8.2	8.2	7.5	6.9	6.1	5.3	4.9	6.5	7.1	6.3	5.3
60°	10.6	11.0	10.5	9.6	8.7	7.7	7.0	7.4	8.2	7.9	6.7
57.5°	14.6	14.2	14.0	12.7	11.2	10.0	9.4	9.2	9.4	9.3	8.1
55°	25.8	17.9	18.1	16.7	14.4	12.4	11.9	11.4	10.9	10.7	9.5
52.5°	65.2	36.2	23.3	21.5	18.7	15.3	14.3	13.6	12.9	12.3	10.9
50°	120.5	78.0	44.2	27.7	23.6	20.1	16.7	15.9	14.9	13.9	12.2
47.5°	192.8	134.1	87.1	43.7	30.5	25.2	20.9	18.1	16.9	15.7	13.5
45°	297.0	197.6	137.0	86.5	40.6	34.7	25.9	20.2	18.9	17.3	14.8
42.5°	413.2	289.9	192.2	130.7	77.6	48.1	31.0	24.6	20.8	19.1	16.3
40°	527.2	400.6	258.1	180.2	117.1	64.4	44.5	29.3	22.8	20.9	17.8
37.5°	653.4	517.8	361.6	233.1	157.3	98.4	61.0	34.2	25.9	22.9	19.5
35°	809.3	647.7	465.2	310.5	208.3	129.8	79.3	43.5	31.8	25.0	21.2
32.5°	965.1	777.5	577.1	400.6	261.7	158.8	103.2	62.0	38.7	27.1	23.0
30°	1121.9	896.3	682.5	484.0	323.0	205.4	128.9	80.0	46.6	29.4	24.8
27.5°	1263.1	1008.5	781.2	571.1	395.0	254.6	155.8	97.5	55.4	33.3	26.6
25°	1422.5	1129.7	878.2	654.4	460.8	305.9	183.4	114.6	68.3	40.0	28.4
22.5°	1627.7	1254.2	968.2	729.9	526.0	354.9	218.9	137.2	82.4	47.2	30.3
20°	1831.7	1375.9	1056.3	824.5	596.9	410.0	259.9	159.6	95.8	54.6	32.1
17.5°	2031.8	1531.8	1184.6	921.1	672.7	461.6	298.2	181.7	108.4	62.2	33.9
15°	2211.3	1710.4	1310.6	1012.4	747.0	509.4	333.6	203.2	120.3	69.8	36.3
12.5°	2362.1	1864.3	1429.3	1098.0	818.5	553.0	366.0	223.7	131.3	78.2	39.6
10°	2486.6	1994.6	1539.4	1176.9	886.1	592.2	395.2	244.3	144.1	87.2	43.0
7.5°	2586.1	2102.1	1639.5	1248.7	947.4	628.9	426.6	266.0	156.5	95.7	46.5
5°	2661.0	2186.1	1716.9	1300.1	996.2	662.6	455.5	286.0	168.0	103.7	50.0
2.5°	2709.6	2247.9	1774.3	1340.5	1035.9	690.9	481.0	303.9	178.5	111.0	53.3
0°	2738.3	2292.1	1817.7	1371.5	1066.2	713.9	502.6	319.4	187.9	117.4	56.4
-2.5°	2763.9	2321.0	1855.6	1425.5	1087.0	751.6	516.4	333.4	202.7	122.1	62.1
-5°	2772.3	2333.8	1880.4	1467.2	1099.5	782.1	526.1	344.8	215.7	125.8	67.4
-7.5°	2758.0	2326.1	1889.1	1490.8	1105.4	803.7	531.7	353.8	226.3	128.8	71.9
-10°	2726.3	2300.9	1877.6	1483.7	1113.3	810.4	535.0	360.3	234.0	130.9	75.7
-12.5°	2679.1	2262.9	1852.9	1467.9	1112.0	806.1	543.8	365.4	238.0	132.4	78.5
-15°	2617.5	2213.2	1815.2	1444.6	1098.6	796.4	546.0	367.3	237.6	135.2	80.2
-17.5°	2544.8	2152.8	1764.6	1415.0	1072.6	781.9	541.1	365.0	235.2	139.2	82.0
-20°	2472.1	2085.8	1704.6	1380.0	1033.3	762.9	528.5	358.3	230.9	141.8	83.7

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

Scaled Data Report



REPORT NUMBER: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	2386.8	2008.8	1652.8	1331.1	990.8	740.1	507.9	346.9	224.7	143.0	84.4
-25°	2288.9	1919.0	1590.4	1263.9	957.3	714.2	486.7	330.7	216.7	142.6	84.2
-27.5°	2178.1	1823.0	1517.1	1190.3	922.5	678.1	466.5	318.8	209.9	140.6	82.9
-30°	2054.6	1732.6	1429.3	1119.5	879.9	639.0	440.1	305.5	206.9	138.0	80.6
-32.5°	1921.4	1630.8	1334.9	1065.6	831.5	598.5	416.8	290.4	201.7	134.6	80.7
-35°	1796.5	1520.1	1238.7	1003.3	780.2	574.5	401.3	273.7	194.4	129.9	81.1
-37.5°	1662.7	1404.0	1162.5	938.4	726.2	547.0	388.7	266.2	185.0	123.9	80.8
-40°	1534.0	1293.8	1074.2	876.6	686.2	516.0	368.8	257.9	176.0	116.6	79.8
-42.5°	1403.8	1190.3	989.9	809.3	648.5	486.0	343.4	245.1	168.7	112.4	77.9
-45°	1283.8	1083.4	900.1	750.6	606.6	447.5	323.9	229.1	159.7	109.4	76.2
-47.5°	1157.8	974.5	818.0	686.3	551.8	405.8	299.1	216.4	148.9	105.4	75.2
-50°	1027.8	871.4	741.3	615.7	484.7	370.9	272.5	201.3	145.0	102.3	73.3
-52.5°	914.0	780.8	662.8	543.0	434.0	330.2	252.3	185.1	139.9	99.7	70.7
-55°	815.9	694.7	585.4	483.5	385.8	300.2	229.5	177.4	133.6	96.5	67.6
-57.5°	729.3	614.8	522.0	430.4	345.5	271.3	213.4	168.2	126.9	91.9	64.7
-60°	645.0	551.1	464.3	382.7	307.9	246.4	200.9	157.7	119.0	86.2	61.6
-62.5°	567.2	484.5	409.0	335.2	274.2	226.2	186.6	145.4	109.6	79.0	57.3
-65°	485.5	415.1	351.3	293.3	243.7	202.4	168.0	131.5	97.3	70.4	51.9
-67.5°	400.6	348.9	299.1	250.8	210.3	175.7	146.7	113.0	82.8	60.4	45.6
-70°	333.6	288.1	245.9	208.0	175.0	146.7	119.9	91.3	66.8	51.7	38.9
-72.5°	265.6	228.5	193.9	163.7	140.1	116.1	91.7	69.8	55.4	42.7	31.8
-75°	196.6	171.5	148.9	128.0	106.7	85.7	69.9	55.5	43.6	33.2	26.8
-77.5°	142.6	124.5	107.9	94.7	80.0	66.1	52.8	40.8	33.1	27.6	22.5
-80°	96.9	87.4	78.2	69.0	57.2	46.1	38.1	31.4	26.6	22.2	18.1
-82.5°	61.1	56.0	51.5	46.8	39.9	33.7	28.3	23.7	20.1	16.8	14.7
-85°	36.2	33.5	30.9	28.2	24.4	21.1	19.5	18.0	16.5	14.9	13.4
-87.5°	20.4	20.1	19.8	19.5	18.5	17.6	16.8	16.1	14.7	13.3	12.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.3	3.5

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REPORT NUMBER: P627570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.4	8.2	7.1	5.9	4.7	4.7	4.7
87.5°	3.5	3.9	4.3	4.5	4.7	4.7	4.7
85°	2.3	3.2	3.9	4.4	4.7	4.7	4.7
82.5°	1.1	2.4	3.5	4.3	4.7	4.7	4.7
80°	0.2	1.7	3.1	4.1	4.7	4.7	4.7
77.5°	1.5	1.6	2.8	4.0	4.7	4.7	4.7
75°	2.6	2.3	2.6	3.9	4.7	4.7	4.7
72.5°	3.8	3.0	3.0	3.8	4.7	4.7	4.7
70°	4.7	3.7	3.4	3.8	4.7	4.7	4.7
67.5°	4.8	4.4	3.7	3.9	4.7	4.7	4.7
65°	5.0	4.9	4.1	4.1	4.7	4.7	4.7
62.5°	5.3	5.2	4.4	4.2	4.7	4.7	4.7
60°	5.6	5.6	4.7	4.3	4.7	4.7	4.7
57.5°	6.7	6.1	5.1	4.5	4.8	4.7	4.7
55°	7.9	6.6	5.6	4.5	4.8	4.7	4.7
52.5°	9.1	7.2	6.1	4.6	4.9	4.7	4.7
50°	10.2	8.2	6.6	4.7	5.0	4.7	4.7
47.5°	11.3	9.1	7.2	4.8	5.1	4.7	4.7
45°	12.4	10.0	7.7	5.2	5.3	4.7	4.7
42.5°	13.5	10.9	8.3	5.7	5.4	4.7	4.7
40°	14.6	11.8	9.0	6.2	5.6	4.7	4.7
37.5°	15.6	12.6	9.7	6.9	5.8	4.7	4.7
35°	16.6	13.4	10.3	7.5	6.0	4.7	4.7
32.5°	17.6	14.2	10.9	8.1	6.2	4.7	4.7
30°	19.0	15.0	11.5	8.7	6.4	4.7	4.7
27.5°	20.4	15.7	12.3	9.2	6.7	4.7	4.7
25°	21.8	16.4	13.0	9.8	6.9	4.7	4.7
22.5°	23.2	17.1	13.7	10.3	7.2	4.7	4.7
20°	24.5	18.0	14.4	10.8	7.4	4.7	4.7
17.5°	25.9	18.8	15.1	11.3	7.7	4.7	4.7
15°	27.2	19.6	15.7	11.8	7.9	4.7	4.7
12.5°	28.4	20.4	16.3	12.2	8.2	4.7	4.7
10°	29.5	21.1	16.9	12.7	8.5	4.7	4.7
7.5°	30.5	21.7	17.4	13.1	8.7	4.7	4.7
5°	31.4	22.4	17.9	13.4	9.0	4.7	4.7
2.5°	32.2	23.0	18.4	13.8	9.2	4.7	4.7
0°	32.9	23.5	18.8	14.1	9.4	4.7	4.7
-2.5°	34.7	24.0	19.2	14.1	9.4	4.7	4.7
-5°	36.4	24.4	19.5	14.0	9.4	4.7	4.7
-7.5°	37.9	24.9	19.8	14.0	9.3	4.7	4.7
-10°	39.1	25.2	20.1	13.9	9.3	4.7	4.7
-12.5°	40.0	25.5	20.2	13.8	9.2	4.7	4.7
-15°	40.6	25.8	20.3	13.6	9.1	4.7	4.7
-17.5°	40.8	26.0	20.2	13.4	9.0	4.7	4.7
-20°	41.8	26.1	20.1	13.2	8.8	4.7	4.7

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CATALOG NUMBER: GFLD-SA5B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44.5	26.2	19.9	13.0	8.7	4.7	4.7
-25°	46.7	28.0	19.5	12.8	8.5	4.7	4.7
-27.5°	48.4	30.2	19.0	12.5	8.3	4.7	4.7
-30°	49.6	32.0	18.6	12.2	8.1	4.7	4.7
-32.5°	50.2	33.6	19.3	11.9	7.9	4.7	4.7
-35°	51.5	34.8	19.8	11.5	7.7	4.7	4.7
-37.5°	52.9	35.6	20.1	11.2	7.5	4.7	4.7
-40°	53.8	35.9	20.2	10.8	7.2	4.7	4.7
-42.5°	54.0	35.9	20.4	10.6	6.9	4.7	4.7
-45°	53.8	35.6	20.5	10.6	6.6	4.7	4.7
-47.5°	53.0	35.1	20.3	10.6	6.3	4.7	4.7
-50°	51.9	34.3	20.0	10.4	6.0	4.7	4.7
-52.5°	50.4	33.2	19.4	10.2	5.7	4.7	4.7
-55°	48.6	31.8	18.5	9.9	5.4	4.7	4.7
-57.5°	46.5	30.1	17.5	9.6	5.0	4.7	4.7
-60°	43.9	28.1	16.3	9.2	4.7	4.7	4.7
-62.5°	40.4	25.7	15.4	8.7	4.7	4.7	4.7
-65°	36.4	23.0	14.4	8.1	4.7	4.7	4.7
-67.5°	32.0	20.7	13.3	7.5	4.7	4.7	4.7
-70°	27.3	18.8	12.0	6.8	4.7	4.7	4.7
-72.5°	24.1	16.8	10.7	6.6	4.7	4.7	4.7
-75°	21.0	14.6	9.4	6.6	4.7	4.7	4.7
-77.5°	17.7	12.3	8.9	6.5	4.7	4.7	4.7
-80°	14.3	11.1	8.6	6.4	4.7	4.7	4.7
-82.5°	12.9	10.4	8.2	6.3	4.7	4.7	4.7
-85°	11.8	9.7	7.8	6.2	4.7	4.7	4.7
-87.5°	10.6	9.0	7.5	6.0	4.7	4.7	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)