

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: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626793 (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-SA1E-730-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N20  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

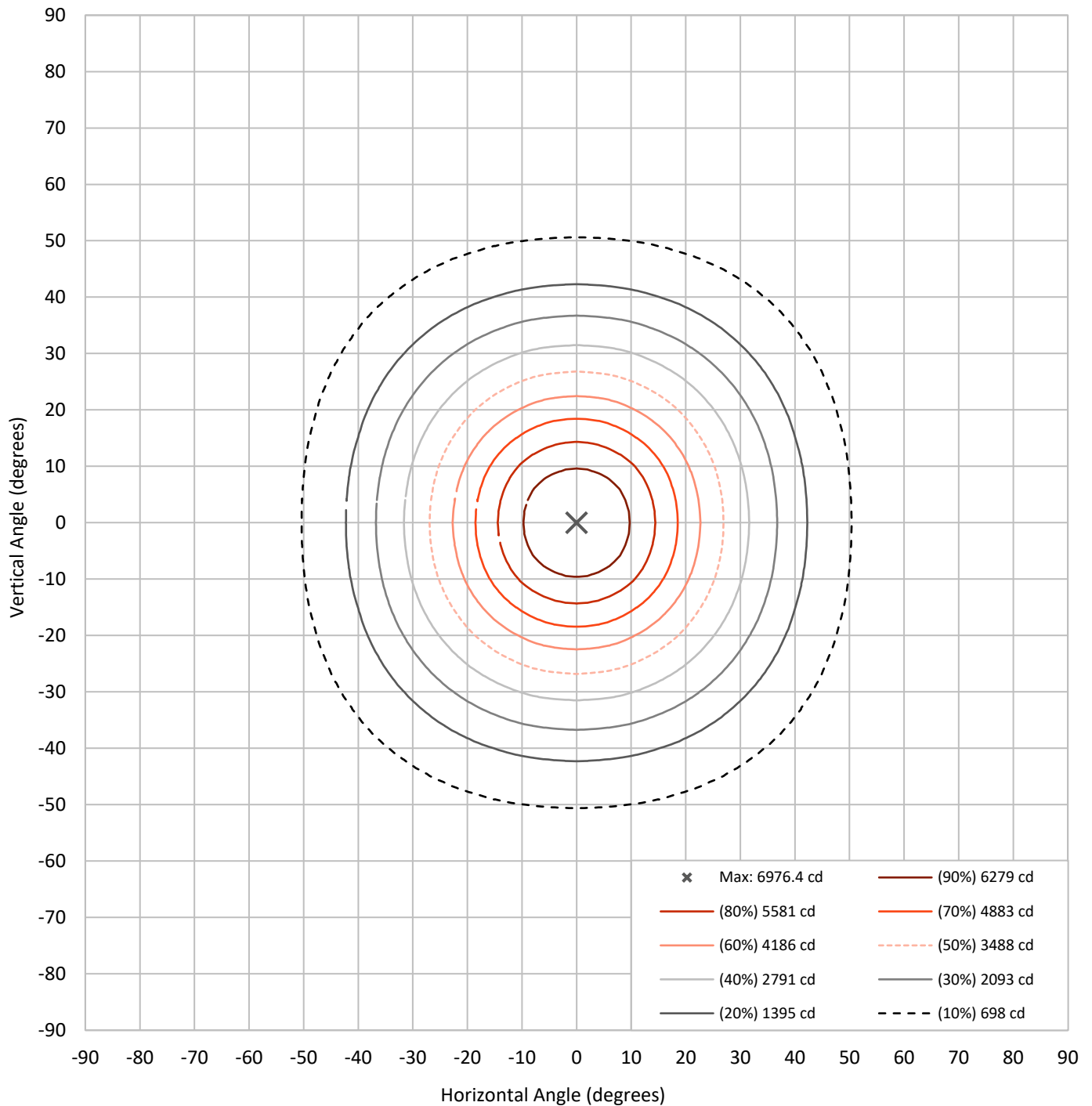
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7100.3 lumens	Max Intensity:	6976.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' 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:	3394.9 lumens	Field Lumens:	6266.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	66.2		
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





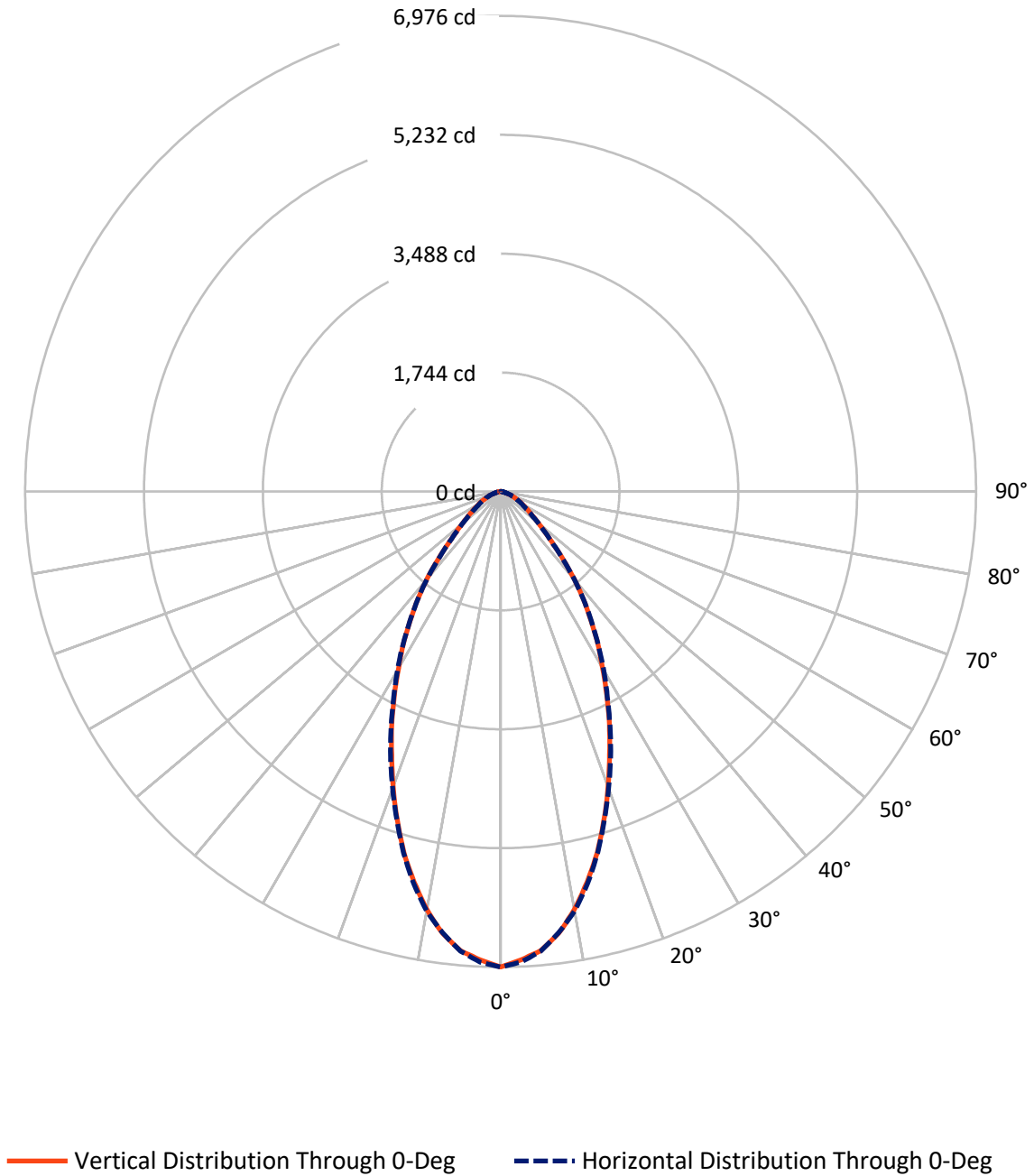
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### Lumen Table

90																			
80	0.3	2.0		4.5		7.4		6.4		7.4		4.5		2.0		0.3			
70																			
60	0.9	1.1	2.0	3.3	4.7	6.1	7.2	7.7	7.7	7.2	6.1	4.7	3.3	2.0	1.1	0.9			
50		1.5	3.1	5.3	8.2	11.2	14.0	15.6	15.6	14.0	11.2	8.2	5.3	3.1	1.5				
40	1.4	2.0	4.2	8.0	13.4	20.6	28.4	33.6	33.6	28.4	20.6	13.4	8.0	4.2	2.0	1.4			
30		2.4	5.6	11.6	22.5	40.0	58.1	68.9	68.9	58.1	40.0	22.5	11.6	5.6	2.4				
20	1.6	2.8	6.9	16.2	36.4	65.4	93.6	111.9	111.9	93.6	65.4	36.4	16.2	6.9	2.8	1.6			
10		3.1	8.1	21.0	49.7	88.3	130.4	160.4	160.4	130.4	88.3	49.7	21.0	8.1	3.1				
0	1.7	3.2	8.8	24.1	57.2	102.7	156.2	196.5	196.5	156.2	102.7	57.2	24.1	8.8	3.2	1.7			
-10		3.2	8.8	24.1	57.2	102.7	156.2	196.5	196.5	156.2	102.7	57.2	24.1	8.8	3.2				
-20	1.6	3.1	8.1	21.0	49.7	88.3	130.4	160.4	160.4	130.4	88.3	49.7	21.0	8.1	3.1	1.6			
-30		2.8	6.9	16.2	36.4	65.4	93.6	111.9	111.9	93.6	65.4	36.4	16.2	6.9	2.8				
-40	1.4	2.4	5.6	11.6	22.5	40.0	58.1	68.9	68.9	58.1	40.0	22.5	11.6	5.6	2.4	1.4			
-50		2.0	4.2	8.0	13.4	20.6	28.4	33.6	33.6	28.4	20.6	13.4	8.0	4.2	2.0				
-60	0.9	1.5	3.1	5.3	8.2	11.2	14.0	15.6	15.6	14.0	11.2	8.2	5.3	3.1	1.5	0.9			
-70		1.1	2.0	3.3	4.7	6.1	7.2	7.7	7.7	7.2	6.1	4.7	3.3	2.0	1.1				
-80																			
-90	0.3	2.0		4.5		7.4		6.4		7.4		4.5		2.0		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

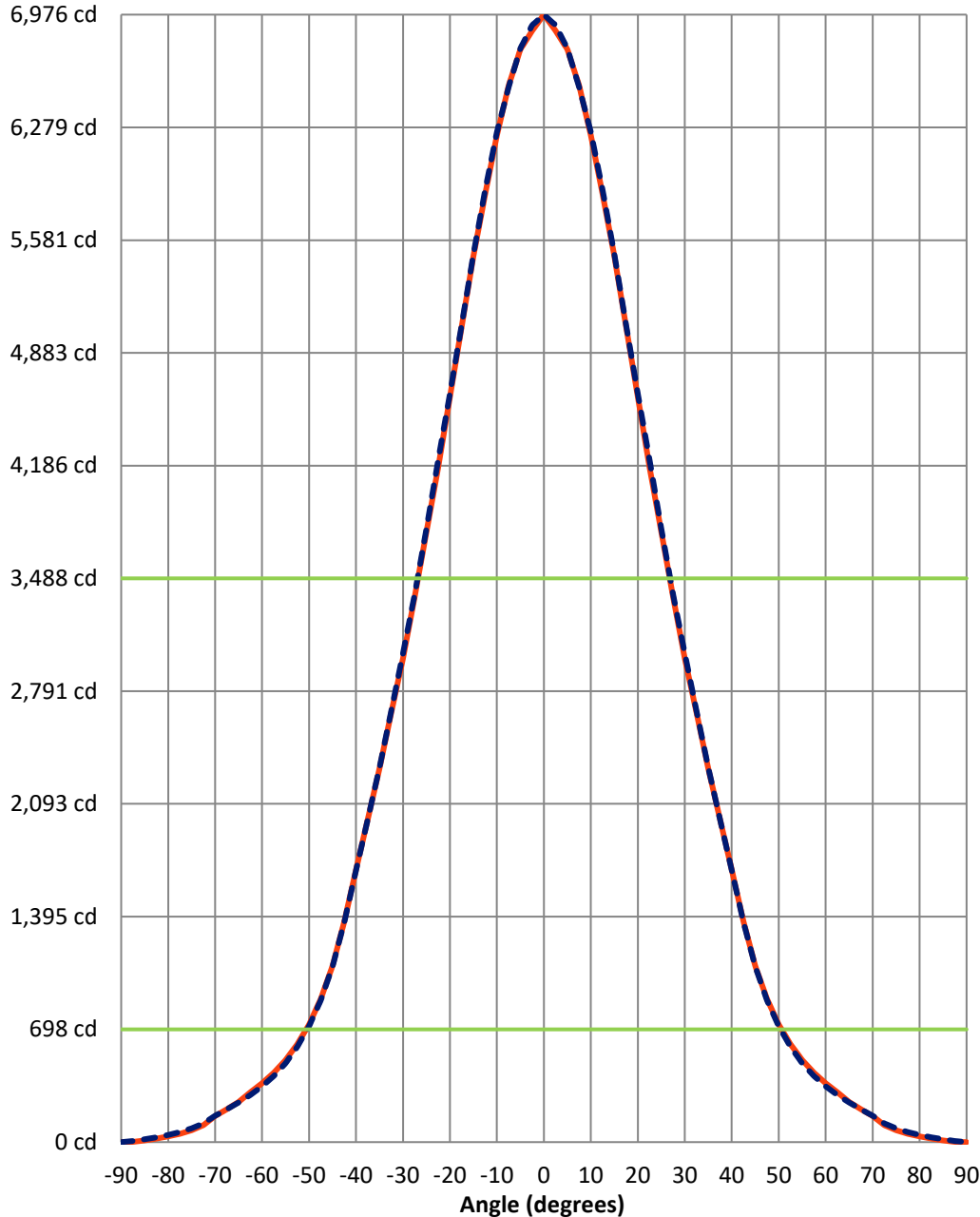
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 3394.9  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 6266.3  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 834  
 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	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.0	4.2	4.4
85°	0.0	0.7	1.6	2.7	3.8	5.2	6.6	7.3	7.9	8.4	8.8
82.5°	0.0	1.1	2.4	4.0	5.8	7.7	9.9	11.0	12.1	14.1	15.8
80°	0.0	1.4	3.2	5.3	7.6	10.2	13.4	16.7	19.6	22.1	24.4
77.5°	0.0	1.8	4.0	6.6	9.5	13.3	19.2	23.4	26.9	30.1	33.3
75°	0.0	2.1	4.8	7.9	11.5	17.4	24.8	30.1	34.3	38.6	43.2
72.5°	0.0	2.4	5.6	9.1	14.2	21.4	30.2	36.7	41.7	47.2	53.0
70°	0.0	2.8	6.3	10.4	16.9	25.2	35.3	42.9	49.0	55.6	63.4
67.5°	0.0	3.1	7.0	12.0	19.4	28.9	39.8	48.9	56.2	64.4	73.7
65°	0.0	3.4	7.7	13.6	21.8	32.2	44.0	54.8	63.2	72.8	83.5
62.5°	0.0	3.7	8.4	15.0	24.1	35.3	48.0	60.5	70.0	80.9	92.6
60°	0.0	4.0	9.1	16.4	26.2	38.1	51.7	65.8	76.4	88.7	101.4
57.5°	0.0	4.3	9.8	17.7	28.2	40.8	55.1	70.6	83.0	96.3	109.5
55°	0.0	4.5	10.6	18.9	30.0	43.3	58.2	74.4	89.4	103.5	117.2
52.5°	0.0	4.8	11.3	20.0	31.7	45.5	61.1	78.6	95.5	110.4	124.8
50°	0.0	5.0	12.0	20.9	33.2	47.6	63.6	82.5	101.4	117.2	133.1
47.5°	0.0	5.3	12.7	21.8	34.6	49.5	66.1	86.0	107.3	123.7	141.3
45°	0.0	5.5	13.3	22.7	35.8	51.1	68.8	89.3	111.5	130.8	149.2
42.5°	0.0	5.7	13.9	23.5	36.8	52.6	71.2	92.4	115.3	137.6	157.4
40°	0.0	5.9	14.4	24.4	37.8	53.8	73.3	95.4	119.1	143.9	165.3
37.5°	0.0	6.1	15.0	25.3	38.6	54.8	75.1	98.2	123.2	148.9	172.8
35°	0.0	6.2	15.4	26.1	39.3	55.9	76.6	100.7	127.2	154.4	180.4
32.5°	0.0	6.4	15.9	26.8	39.8	57.0	78.0	102.8	131.0	160.0	188.3
30°	0.0	6.5	16.3	27.5	40.2	57.8	79.6	104.9	134.6	165.7	195.7
27.5°	0.0	6.6	16.6	28.1	41.0	58.4	80.8	107.5	138.3	171.3	202.6
25°	0.0	6.7	16.9	28.6	41.9	58.8	81.8	109.8	142.5	176.9	209.1
22.5°	0.0	6.8	17.2	29.0	42.6	59.2	82.5	111.8	146.5	182.0	216.2
20°	0.0	6.9	17.5	29.4	43.2	60.3	82.9	113.6	150.2	186.6	222.5
17.5°	0.0	6.9	17.7	29.7	43.8	61.2	83.8	115.0	153.7	190.6	228.1
15°	0.0	7.0	17.8	29.9	44.2	61.9	84.9	116.3	156.8	194.1	232.8
12.5°	0.0	7.0	17.9	30.0	44.5	62.4	85.7	117.5	159.4	197.0	236.8
10°	0.0	7.0	18.0	30.1	44.7	62.7	86.2	118.1	161.5	199.4	240.1
7.5°	0.0	7.0	18.0	30.1	44.8	62.8	86.4	118.3	162.9	201.3	242.6
5°	0.0	7.0	18.0	30.0	44.8	62.7	86.3	118.0	163.7	202.5	244.3
2.5°	0.0	6.9	17.9	29.8	44.6	62.5	86.0	117.2	163.8	203.2	245.1
0°	0.0	6.9	17.8	29.6	44.4	62.1	85.3	115.9	163.2	203.1	245.1
-2.5°	0.0	6.9	17.9	29.8	44.6	62.5	86.0	117.2	163.8	203.2	245.1
-5°	0.0	7.0	18.0	30.0	44.8	62.7	86.3	118.0	163.7	202.5	244.3
-7.5°	0.0	7.0	18.0	30.1	44.8	62.8	86.4	118.3	162.9	201.3	242.6
-10°	0.0	7.0	18.0	30.1	44.7	62.7	86.2	118.1	161.5	199.4	240.1
-12.5°	0.0	7.0	17.9	30.0	44.5	62.4	85.7	117.5	159.4	197.0	236.8
-15°	0.0	7.0	17.8	29.9	44.2	61.9	84.9	116.3	156.8	194.1	232.8
-17.5°	0.0	6.9	17.7	29.7	43.8	61.2	83.8	115.0	153.7	190.6	228.1
-20°	0.0	6.9	17.5	29.4	43.2	60.3	82.9	113.6	150.2	186.6	222.5

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CATALOG NUMBER: GFLD-SA1E-730-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	6.8	17.2	29.0	42.6	59.2	82.5	111.8	146.5	182.0	216.2
-25°	0.0	6.7	16.9	28.6	41.9	58.8	81.8	109.8	142.5	176.9	209.1
-27.5°	0.0	6.6	16.6	28.1	41.0	58.4	80.8	107.5	138.3	171.3	202.6
-30°	0.0	6.5	16.3	27.5	40.2	57.8	79.6	104.9	134.6	165.7	195.7
-32.5°	0.0	6.4	15.9	26.8	39.8	57.0	78.0	102.8	131.0	160.0	188.3
-35°	0.0	6.2	15.4	26.1	39.3	55.9	76.6	100.7	127.2	154.4	180.4
-37.5°	0.0	6.1	15.0	25.3	38.6	54.8	75.1	98.2	123.2	148.9	172.8
-40°	0.0	5.9	14.4	24.4	37.8	53.8	73.3	95.4	119.1	143.9	165.3
-42.5°	0.0	5.7	13.9	23.5	36.8	52.6	71.2	92.4	115.3	137.6	157.4
-45°	0.0	5.5	13.3	22.7	35.8	51.1	68.8	89.3	111.5	130.8	149.2
-47.5°	0.0	5.3	12.7	21.8	34.6	49.5	66.1	86.0	107.3	123.7	141.3
-50°	0.0	5.0	12.0	20.9	33.2	47.6	63.6	82.5	101.4	117.2	133.1
-52.5°	0.0	4.8	11.3	20.0	31.7	45.5	61.1	78.6	95.5	110.4	124.8
-55°	0.0	4.5	10.6	18.9	30.0	43.3	58.2	74.4	89.4	103.5	117.2
-57.5°	0.0	4.3	9.8	17.7	28.2	40.8	55.1	70.6	83.0	96.3	109.5
-60°	0.0	4.0	9.1	16.4	26.2	38.1	51.7	65.8	76.4	88.7	101.4
-62.5°	0.0	3.7	8.4	15.0	24.1	35.3	48.0	60.5	70.0	80.9	92.6
-65°	0.0	3.4	7.7	13.6	21.8	32.2	44.0	54.8	63.2	72.8	83.5
-67.5°	0.0	3.1	7.0	12.0	19.4	28.9	39.8	48.9	56.2	64.4	73.7
-70°	0.0	2.8	6.3	10.4	16.9	25.2	35.3	42.9	49.0	55.6	63.4
-72.5°	0.0	2.4	5.6	9.1	14.2	21.4	30.2	36.7	41.7	47.2	53.0
-75°	0.0	2.1	4.8	7.9	11.5	17.4	24.8	30.1	34.3	38.6	43.2
-77.5°	0.0	1.8	4.0	6.6	9.5	13.3	19.2	23.4	26.9	30.1	33.3
-80°	0.0	1.4	3.2	5.3	7.6	10.2	13.4	16.7	19.6	22.1	24.4
-82.5°	0.0	1.1	2.4	4.0	5.8	7.7	9.9	11.0	12.1	14.1	15.8
-85°	0.0	0.7	1.6	2.7	3.8	5.2	6.6	7.3	7.9	8.4	8.8
-87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.0	4.2	4.4
-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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**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°	4.5	4.5	4.4	4.2	4.1	3.8	3.5	3.1	3.2	3.4	3.5
85°	8.9	8.9	9.6	10.3	10.6	10.7	10.5	10.0	11.3	12.8	14.4
82.5°	17.4	18.9	20.3	21.6	21.8	21.4	20.8	20.0	22.7	25.8	29.2
80°	26.6	28.8	31.4	33.8	34.3	34.1	33.4	32.1	35.6	40.5	45.9
77.5°	36.9	40.4	43.7	46.8	47.6	47.5	46.9	45.9	50.4	57.2	64.3
75°	47.8	52.1	56.3	60.0	61.6	61.7	61.5	62.6	68.4	76.4	83.4
72.5°	59.1	64.6	69.3	73.5	76.0	77.9	80.5	83.7	89.6	97.4	104.3
70°	71.1	77.2	82.2	86.7	90.6	94.9	100.4	105.8	112.0	119.8	127.0
67.5°	82.9	89.1	94.8	100.3	107.4	114.3	121.1	128.2	136.0	144.2	151.4
65°	93.9	100.9	107.8	115.9	125.1	132.9	141.3	150.5	160.7	170.0	178.4
62.5°	104.5	112.3	120.8	130.6	140.6	150.3	161.6	173.4	185.4	197.0	208.4
60°	113.4	123.1	133.5	144.5	156.1	169.3	182.5	196.6	210.8	224.7	239.0
57.5°	121.9	133.9	145.9	158.8	173.2	188.3	204.1	219.9	237.0	253.9	270.1
55°	130.8	144.9	158.5	173.8	190.4	208.1	225.9	245.1	264.0	285.3	304.9
52.5°	140.3	155.6	171.7	189.1	208.5	228.4	249.4	271.4	294.9	318.5	342.4
50°	149.5	166.8	184.7	205.6	227.2	250.0	274.2	299.9	327.2	354.5	383.5
47.5°	159.1	177.7	199.5	222.2	246.9	272.9	300.3	330.8	361.2	395.6	428.8
45°	168.7	190.0	213.7	240.1	267.2	296.4	329.0	362.5	401.3	440.2	483.9
42.5°	177.8	202.4	229.1	257.3	288.2	321.8	357.9	400.0	443.7	491.9	543.2
40°	188.4	214.3	244.4	275.8	309.3	347.8	391.2	437.9	491.3	548.3	606.5
37.5°	198.6	227.7	259.4	293.5	332.4	375.7	423.6	480.9	542.5	607.3	686.6
35°	208.1	240.4	274.9	312.3	354.4	404.5	461.8	525.2	596.1	679.7	772.2
32.5°	218.3	252.4	289.5	331.5	379.2	433.9	499.0	573.5	657.5	752.7	868.4
30°	228.5	264.9	304.0	349.4	402.5	465.9	539.8	622.2	718.8	838.2	974.1
27.5°	238.0	276.5	319.3	368.5	425.2	495.3	579.0	675.6	789.4	924.4	1083.1
25°	246.7	287.0	333.4	386.6	450.2	527.1	617.8	724.8	860.0	1021.0	1216.2
22.5°	255.0	296.7	346.1	403.0	472.8	557.9	660.0	782.4	931.9	1112.5	1346.7
20°	262.7	307.1	358.8	418.6	492.9	585.7	698.8	836.2	1006.2	1220.1	1474.6
17.5°	269.6	316.3	370.8	435.4	515.3	614.0	735.4	883.7	1072.4	1316.2	1592.6
15°	275.5	324.2	381.2	450.0	535.6	642.0	773.8	935.7	1141.5	1403.6	1696.2
12.5°	280.4	330.8	389.9	462.3	552.6	665.8	806.5	982.1	1208.8	1485.9	1787.2
10°	284.3	336.1	396.9	472.2	566.3	685.0	833.5	1020.1	1264.8	1556.4	1864.2
7.5°	287.5	340.3	402.2	479.7	576.6	699.8	854.5	1049.4	1308.5	1612.3	1923.2
5°	289.8	343.2	406.3	485.0	584.2	710.0	869.2	1069.8	1339.7	1652.8	1963.6
2.5°	291.1	344.9	408.6	487.8	588.9	715.8	876.9	1082.7	1356.8	1675.9	1988.0
0°	291.4	345.1	409.2	488.1	590.2	716.9	878.1	1086.7	1360.4	1681.8	1996.9
-2.5°	291.1	344.9	408.6	487.8	588.9	715.8	876.9	1082.7	1356.8	1675.9	1988.0
-5°	289.8	343.2	406.3	485.0	584.2	710.0	869.2	1069.8	1339.7	1652.8	1963.6
-7.5°	287.5	340.3	402.2	479.7	576.6	699.8	854.5	1049.4	1308.5	1612.3	1923.2
-10°	284.3	336.1	396.9	472.2	566.3	685.0	833.5	1020.1	1264.8	1556.4	1864.2
-12.5°	280.4	330.8	389.9	462.3	552.6	665.8	806.5	982.1	1208.8	1485.9	1787.2
-15°	275.5	324.2	381.2	450.0	535.6	642.0	773.8	935.7	1141.5	1403.6	1696.2
-17.5°	269.6	316.3	370.8	435.4	515.3	614.0	735.4	883.7	1072.4	1316.2	1592.6
-20°	262.7	307.1	358.8	418.6	492.9	585.7	698.8	836.2	1006.2	1220.1	1474.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-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°	255.0	296.7	346.1	403.0	472.8	557.9	660.0	782.4	931.9	1112.5	1346.7
-25°	246.7	287.0	333.4	386.6	450.2	527.1	617.8	724.8	860.0	1021.0	1216.2
-27.5°	238.0	276.5	319.3	368.5	425.2	495.3	579.0	675.6	789.4	924.4	1083.1
-30°	228.5	264.9	304.0	349.4	402.5	465.9	539.8	622.2	718.8	838.2	974.1
-32.5°	218.3	252.4	289.5	331.5	379.2	433.9	499.0	573.5	657.5	752.7	868.4
-35°	208.1	240.4	274.9	312.3	354.4	404.5	461.8	525.2	596.1	679.7	772.2
-37.5°	198.6	227.7	259.4	293.5	332.4	375.7	423.6	480.9	542.5	607.3	686.6
-40°	188.4	214.3	244.4	275.8	309.3	347.8	391.2	437.9	491.3	548.3	606.5
-42.5°	177.8	202.4	229.1	257.3	288.2	321.8	357.9	400.0	443.7	491.9	543.2
-45°	168.7	190.0	213.7	240.1	267.2	296.4	329.0	362.5	401.3	440.2	483.9
-47.5°	159.1	177.7	199.5	222.2	246.9	272.9	300.3	330.8	361.2	395.6	428.8
-50°	149.5	166.8	184.7	205.6	227.2	250.0	274.2	299.9	327.2	354.5	383.5
-52.5°	140.3	155.6	171.7	189.1	208.5	228.4	249.4	271.4	294.9	318.5	342.4
-55°	130.8	144.9	158.5	173.8	190.4	208.1	225.9	245.1	264.0	285.3	304.9
-57.5°	121.9	133.9	145.9	158.8	173.2	188.3	204.1	219.9	237.0	253.9	270.1
-60°	113.4	123.1	133.5	144.5	156.1	169.3	182.5	196.6	210.8	224.7	239.0
-62.5°	104.5	112.3	120.8	130.6	140.6	150.3	161.6	173.4	185.4	197.0	208.4
-65°	93.9	100.9	107.8	115.9	125.1	132.9	141.3	150.5	160.7	170.0	178.4
-67.5°	82.9	89.1	94.8	100.3	107.4	114.3	121.1	128.2	136.0	144.2	151.4
-70°	71.1	77.2	82.2	86.7	90.6	94.9	100.4	105.8	112.0	119.8	127.0
-72.5°	59.1	64.6	69.3	73.5	76.0	77.9	80.5	83.7	89.6	97.4	104.3
-75°	47.8	52.1	56.3	60.0	61.6	61.7	61.5	62.6	68.4	76.4	83.4
-77.5°	36.9	40.4	43.7	46.8	47.6	47.5	46.9	45.9	50.4	57.2	64.3
-80°	26.6	28.8	31.4	33.8	34.3	34.1	33.4	32.1	35.6	40.5	45.9
-82.5°	17.4	18.9	20.3	21.6	21.8	21.4	20.8	20.0	22.7	25.8	29.2
-85°	8.9	8.9	9.6	10.3	10.6	10.7	10.5	10.0	11.3	12.8	14.4
-87.5°	4.5	4.5	4.4	4.2	4.1	3.8	3.5	3.1	3.2	3.4	3.5
-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: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-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°	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
85°	16.0	16.4	16.6	16.7	16.7	17.2	17.7	18.2	18.6	16.8	14.9
82.5°	32.6	34.2	35.5	36.8	38.1	39.1	39.7	40.2	40.5	36.7	32.4
80°	51.3	54.6	57.2	59.8	62.2	62.8	62.8	62.4	61.8	56.5	50.6
77.5°	71.4	75.6	78.9	82.2	85.5	86.7	87.3	87.7	88.0	81.5	73.5
75°	89.6	94.6	99.3	103.6	107.6	109.7	111.0	112.0	112.8	106.2	97.7
72.5°	110.3	115.6	120.7	125.5	129.7	132.5	134.4	135.9	137.1	133.4	128.0
70°	133.1	138.6	143.9	148.9	153.7	157.5	160.5	163.1	165.2	165.7	165.5
67.5°	158.5	164.9	171.3	176.8	182.4	187.8	192.5	196.4	199.5	201.5	202.7
65°	186.9	196.7	205.3	212.7	218.9	226.0	232.3	237.0	240.4	243.0	245.2
62.5°	220.3	232.2	242.1	251.9	262.0	271.9	278.0	284.2	290.3	296.0	300.8
60°	252.6	265.5	279.0	291.5	303.2	313.8	324.9	334.7	343.2	350.4	355.7
57.5°	287.0	302.8	318.0	333.9	348.9	362.9	376.5	389.1	400.0	409.1	416.6
55°	324.3	343.5	361.7	381.9	401.5	419.4	435.8	452.6	467.8	481.2	491.8
52.5°	364.4	389.5	413.6	437.3	462.7	485.6	506.1	529.5	550.2	567.3	580.7
50°	412.4	441.9	473.7	503.1	535.1	566.6	595.7	623.9	651.4	675.2	694.5
47.5°	467.1	503.4	542.8	581.7	621.5	664.6	703.0	738.8	777.3	810.7	837.5
45°	527.9	574.2	621.7	676.5	727.0	782.3	833.5	879.5	934.1	982.2	1020.9
42.5°	595.3	656.9	719.5	788.5	855.4	925.7	1000.3	1066.5	1138.9	1208.0	1263.8
40°	678.8	752.5	836.3	919.8	1015.9	1106.1	1214.9	1313.7	1403.5	1485.8	1553.2
37.5°	771.7	866.6	971.8	1080.5	1212.0	1340.9	1468.2	1588.4	1694.5	1784.5	1860.1
35°	877.1	997.7	1125.1	1283.8	1437.9	1592.2	1736.0	1867.4	1982.8	2084.4	2170.8
32.5°	998.4	1143.1	1321.4	1499.7	1675.5	1845.4	2003.3	2146.5	2273.1	2387.2	2486.6
30°	1125.8	1323.2	1523.4	1719.1	1911.0	2097.1	2270.4	2428.2	2571.2	2698.2	2812.8
27.5°	1287.8	1506.5	1724.8	1935.8	2146.9	2350.6	2538.4	2713.7	2877.8	3021.4	3152.3
25°	1444.4	1686.1	1918.1	2148.1	2378.0	2596.7	2806.7	3004.7	3192.6	3357.4	3503.5
22.5°	1601.1	1854.1	2102.0	2349.3	2596.2	2840.0	3075.7	3302.6	3512.8	3700.4	3864.9
20°	1746.2	2010.7	2275.7	2542.4	2810.0	3076.9	3341.6	3596.9	3831.1	4047.8	4238.2
17.5°	1876.3	2157.5	2438.6	2723.8	3013.9	3303.6	3597.7	3883.9	4151.7	4398.2	4619.0
15°	1991.4	2284.9	2586.8	2894.6	3206.0	3520.7	3841.7	4161.9	4463.2	4743.2	4989.8
12.5°	2092.1	2397.2	2713.7	3040.7	3378.7	3721.6	4071.8	4422.8	4756.4	5079.7	5345.9
10°	2175.2	2492.8	2823.5	3167.1	3523.6	3892.6	4268.4	4646.2	5013.7	5356.7	5661.1
7.5°	2239.4	2568.9	2909.6	3267.0	3641.1	4030.1	4428.2	4829.2	5221.4	5590.9	5927.7
5°	2284.7	2624.2	2969.3	3341.0	3728.1	4131.3	4545.0	4962.8	5372.9	5761.3	6110.5
2.5°	2310.9	2657.5	3004.1	3386.0	3779.9	4192.5	4617.4	5042.1	5463.0	5865.9	6224.7
0°	2317.9	2667.5	3024.0	3390.8	3796.1	4221.1	4630.9	5056.9	5494.2	5891.6	6249.1
-2.5°	2310.9	2657.5	3004.1	3386.0	3779.9	4192.5	4617.4	5042.1	5463.0	5865.9	6224.7
-5°	2284.7	2624.2	2969.3	3341.0	3728.1	4131.3	4545.0	4962.8	5372.9	5761.3	6110.5
-7.5°	2239.4	2568.9	2909.6	3267.0	3641.1	4030.1	4428.2	4829.2	5221.4	5590.9	5927.7
-10°	2175.2	2492.8	2823.5	3167.1	3523.6	3892.6	4268.4	4646.2	5013.7	5356.7	5661.1
-12.5°	2092.1	2397.2	2713.7	3040.7	3378.7	3721.6	4071.8	4422.8	4756.4	5079.7	5345.9
-15°	1991.4	2284.9	2586.8	2894.6	3206.0	3520.7	3841.7	4161.9	4463.2	4743.2	4989.8
-17.5°	1876.3	2157.5	2438.6	2723.8	3013.9	3303.6	3597.7	3883.9	4151.7	4398.2	4619.0
-20°	1746.2	2010.7	2275.7	2542.4	2810.0	3076.9	3341.6	3596.9	3831.1	4047.8	4238.2

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1601.1	1854.1	2102.0	2349.3	2596.2	2840.0	3075.7	3302.6	3512.8	3700.4	3864.9
-25°	1444.4	1686.1	1918.1	2148.1	2378.0	2596.7	2806.7	3004.7	3192.6	3357.4	3503.5
-27.5°	1287.8	1506.5	1724.8	1935.8	2146.9	2350.6	2538.4	2713.7	2877.8	3021.4	3152.3
-30°	1125.8	1323.2	1523.4	1719.1	1911.0	2097.1	2270.4	2428.2	2571.2	2698.2	2812.8
-32.5°	998.4	1143.1	1321.4	1499.7	1675.5	1845.4	2003.3	2146.5	2273.1	2387.2	2486.6
-35°	877.1	997.7	1125.1	1283.8	1437.9	1592.2	1736.0	1867.4	1982.8	2084.4	2170.8
-37.5°	771.7	866.6	971.8	1080.5	1212.0	1340.9	1468.2	1588.4	1694.5	1784.5	1860.1
-40°	678.8	752.5	836.3	919.8	1015.9	1106.1	1214.9	1313.7	1403.5	1485.8	1553.2
-42.5°	595.3	656.9	719.5	788.5	855.4	925.7	1000.3	1066.5	1138.9	1208.0	1263.8
-45°	527.9	574.2	621.7	676.5	727.0	782.3	833.5	879.5	934.1	982.2	1020.9
-47.5°	467.1	503.4	542.8	581.7	621.5	664.6	703.0	738.8	777.3	810.7	837.5
-50°	412.4	441.9	473.7	503.1	535.1	566.6	595.7	623.9	651.4	675.2	694.5
-52.5°	364.4	389.5	413.6	437.3	462.7	485.6	506.1	529.5	550.2	567.3	580.7
-55°	324.3	343.5	361.7	381.9	401.5	419.4	435.8	452.6	467.8	481.2	491.8
-57.5°	287.0	302.8	318.0	333.9	348.9	362.9	376.5	389.1	400.0	409.1	416.6
-60°	252.6	265.5	279.0	291.5	303.2	313.8	324.9	334.7	343.2	350.4	355.7
-62.5°	220.3	232.2	242.1	251.9	262.0	271.9	278.0	284.2	290.3	296.0	300.8
-65°	186.9	196.7	205.3	212.7	218.9	226.0	232.3	237.0	240.4	243.0	245.2
-67.5°	158.5	164.9	171.3	176.8	182.4	187.8	192.5	196.4	199.5	201.5	202.7
-70°	133.1	138.6	143.9	148.9	153.7	157.5	160.5	163.1	165.2	165.7	165.5
-72.5°	110.3	115.6	120.7	125.5	129.7	132.5	134.4	135.9	137.1	133.4	128.0
-75°	89.6	94.6	99.3	103.6	107.6	109.7	111.0	112.0	112.8	106.2	97.7
-77.5°	71.4	75.6	78.9	82.2	85.5	86.7	87.3	87.7	88.0	81.5	73.5
-80°	51.3	54.6	57.2	59.8	62.2	62.8	62.8	62.4	61.8	56.5	50.6
-82.5°	32.6	34.2	35.5	36.8	38.1	39.1	39.7	40.2	40.5	36.7	32.4
-85°	16.0	16.4	16.6	16.7	16.7	17.2	17.7	18.2	18.6	16.8	14.9
-87.5°	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
-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: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-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°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0
85°	12.9	10.7	10.6	10.4	10.6	10.7	12.9	14.9	16.8	18.6	18.2
82.5°	27.9	23.1	22.4	21.7	22.4	23.1	27.9	32.4	36.7	40.5	40.2
80°	44.4	38.0	36.7	35.5	36.7	38.0	44.4	50.6	56.5	61.8	62.4
77.5°	65.1	56.3	53.7	51.3	53.7	56.3	65.1	73.5	81.5	88.0	87.7
75°	88.8	79.5	76.4	73.5	76.4	79.5	88.8	97.7	106.2	112.8	112.0
72.5°	122.5	116.9	111.2	105.0	111.2	116.9	122.5	128.0	133.4	137.1	135.9
70°	165.3	164.9	163.4	161.2	163.4	164.9	165.3	165.5	165.7	165.2	163.1
67.5°	203.2	203.0	203.5	203.6	203.5	203.0	203.2	202.7	201.5	199.5	196.4
65°	246.5	247.0	248.0	248.5	248.0	247.0	246.5	245.2	243.0	240.4	237.0
62.5°	304.5	307.0	308.3	308.2	308.3	307.0	304.5	300.8	296.0	290.3	284.2
60°	359.7	362.3	364.0	364.4	364.0	362.3	359.7	355.7	350.4	343.2	334.7
57.5°	422.5	426.8	429.1	429.5	429.1	426.8	422.5	416.6	409.1	400.0	389.1
55°	499.9	505.6	508.2	507.9	508.2	505.6	499.9	491.8	481.2	467.8	452.6
52.5°	590.7	597.6	602.8	606.0	602.8	597.6	590.7	580.7	567.3	550.2	529.5
50°	709.0	718.9	725.2	727.8	725.2	718.9	709.0	694.5	675.2	651.4	623.9
47.5°	856.9	870.0	879.7	886.5	879.7	870.0	856.9	837.5	810.7	777.3	738.8
45°	1049.5	1069.6	1083.2	1091.1	1083.2	1069.6	1049.5	1020.9	982.2	934.1	879.5
42.5°	1307.4	1338.4	1357.5	1364.8	1357.5	1338.4	1307.4	1263.8	1208.0	1138.9	1066.5
40°	1606.5	1643.9	1668.4	1685.3	1668.4	1643.9	1606.5	1553.2	1485.8	1403.5	1313.7
37.5°	1918.1	1957.3	1981.2	1997.4	1981.2	1957.3	1918.1	1860.1	1784.5	1694.5	1588.4
35°	2236.0	2277.1	2299.4	2312.0	2299.4	2277.1	2236.0	2170.8	2084.4	1982.8	1867.4
32.5°	2562.4	2607.6	2631.9	2657.1	2631.9	2607.6	2562.4	2486.6	2387.2	2273.1	2146.5
30°	2903.3	2955.2	2980.6	2992.9	2980.6	2955.2	2903.3	2812.8	2698.2	2571.2	2428.2
27.5°	3257.9	3322.6	3354.5	3375.5	3354.5	3322.6	3257.9	3152.3	3021.4	2877.8	2713.7
25°	3627.0	3707.2	3743.7	3776.4	3743.7	3707.2	3627.0	3503.5	3357.4	3192.6	3004.7
22.5°	4009.9	4109.8	4152.1	4175.3	4152.1	4109.8	4009.9	3864.9	3700.4	3512.8	3302.6
20°	4402.8	4522.2	4580.9	4611.1	4580.9	4522.2	4402.8	4238.2	4047.8	3831.1	3596.9
17.5°	4804.5	4953.0	5029.0	5046.5	5029.0	4953.0	4804.5	4619.0	4398.2	4151.7	3883.9
15°	5199.0	5359.5	5449.4	5482.4	5449.4	5359.5	5199.0	4989.8	4743.2	4463.2	4161.9
12.5°	5572.5	5738.9	5846.3	5865.5	5846.3	5738.9	5572.5	5345.9	5079.7	4756.4	4422.8
10°	5911.2	6083.7	6202.3	6229.4	6202.3	6083.7	5911.2	5661.1	5356.7	5013.7	4646.2
7.5°	6194.5	6383.7	6514.7	6537.5	6514.7	6383.7	6194.5	5927.7	5590.9	5221.4	4829.2
5°	6401.7	6626.3	6733.8	6760.9	6733.8	6626.3	6401.7	6110.5	5761.3	5372.9	4962.8
2.5°	6515.4	6744.0	6893.5	6876.3	6893.5	6744.0	6515.4	6224.7	5865.9	5463.0	5042.1
0°	6528.2	6767.3	6910.3	6976.4	6910.3	6767.3	6528.2	6249.1	5891.6	5494.2	5056.9
-2.5°	6515.4	6744.0	6893.5	6876.3	6893.5	6744.0	6515.4	6224.7	5865.9	5463.0	5042.1
-5°	6401.7	6626.3	6733.8	6760.9	6733.8	6626.3	6401.7	6110.5	5761.3	5372.9	4962.8
-7.5°	6194.5	6383.7	6514.7	6537.5	6514.7	6383.7	6194.5	5927.7	5590.9	5221.4	4829.2
-10°	5911.2	6083.7	6202.3	6229.4	6202.3	6083.7	5911.2	5661.1	5356.7	5013.7	4646.2
-12.5°	5572.5	5738.9	5846.3	5865.5	5846.3	5738.9	5572.5	5345.9	5079.7	4756.4	4422.8
-15°	5199.0	5359.5	5449.4	5482.4	5449.4	5359.5	5199.0	4989.8	4743.2	4463.2	4161.9
-17.5°	4804.5	4953.0	5029.0	5046.5	5029.0	4953.0	4804.5	4619.0	4398.2	4151.7	3883.9
-20°	4402.8	4522.2	4580.9	4611.1	4580.9	4522.2	4402.8	4238.2	4047.8	3831.1	3596.9



REPORT NUMBER: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-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°	4009.9	4109.8	4152.1	4175.3	4152.1	4109.8	4009.9	3864.9	3700.4	3512.8	3302.6
-25°	3627.0	3707.2	3743.7	3776.4	3743.7	3707.2	3627.0	3503.5	3357.4	3192.6	3004.7
-27.5°	3257.9	3322.6	3354.5	3375.5	3354.5	3322.6	3257.9	3152.3	3021.4	2877.8	2713.7
-30°	2903.3	2955.2	2980.6	2992.9	2980.6	2955.2	2903.3	2812.8	2698.2	2571.2	2428.2
-32.5°	2562.4	2607.6	2631.9	2657.1	2631.9	2607.6	2562.4	2486.6	2387.2	2273.1	2146.5
-35°	2236.0	2277.1	2299.4	2312.0	2299.4	2277.1	2236.0	2170.8	2084.4	1982.8	1867.4
-37.5°	1918.1	1957.3	1981.2	1997.4	1981.2	1957.3	1918.1	1860.1	1784.5	1694.5	1588.4
-40°	1606.5	1643.9	1668.4	1685.3	1668.4	1643.9	1606.5	1553.2	1485.8	1403.5	1313.7
-42.5°	1307.4	1338.4	1357.5	1364.8	1357.5	1338.4	1307.4	1263.8	1208.0	1138.9	1066.5
-45°	1049.5	1069.6	1083.2	1091.1	1083.2	1069.6	1049.5	1020.9	982.2	934.1	879.5
-47.5°	856.9	870.0	879.7	886.5	879.7	870.0	856.9	837.5	810.7	777.3	738.8
-50°	709.0	718.9	725.2	727.8	725.2	718.9	709.0	694.5	675.2	651.4	623.9
-52.5°	590.7	597.6	602.8	606.0	602.8	597.6	590.7	580.7	567.3	550.2	529.5
-55°	499.9	505.6	508.2	507.9	508.2	505.6	499.9	491.8	481.2	467.8	452.6
-57.5°	422.5	426.8	429.1	429.5	429.1	426.8	422.5	416.6	409.1	400.0	389.1
-60°	359.7	362.3	364.0	364.4	364.0	362.3	359.7	355.7	350.4	343.2	334.7
-62.5°	304.5	307.0	308.3	308.2	308.3	307.0	304.5	300.8	296.0	290.3	284.2
-65°	246.5	247.0	248.0	248.5	248.0	247.0	246.5	245.2	243.0	240.4	237.0
-67.5°	203.2	203.0	203.5	203.6	203.5	203.0	203.2	202.7	201.5	199.5	196.4
-70°	165.3	164.9	163.4	161.2	163.4	164.9	165.3	165.5	165.7	165.2	163.1
-72.5°	122.5	116.9	111.2	105.0	111.2	116.9	122.5	128.0	133.4	137.1	135.9
-75°	88.8	79.5	76.4	73.5	76.4	79.5	88.8	97.7	106.2	112.8	112.0
-77.5°	65.1	56.3	53.7	51.3	53.7	56.3	65.1	73.5	81.5	88.0	87.7
-80°	44.4	38.0	36.7	35.5	36.7	38.0	44.4	50.6	56.5	61.8	62.4
-82.5°	27.9	23.1	22.4	21.7	22.4	23.1	27.9	32.4	36.7	40.5	40.2
-85°	12.9	10.7	10.6	10.4	10.6	10.7	12.9	14.9	16.8	18.6	18.2
-87.5°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-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°	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.5	3.4	3.2	3.1
85°	17.7	17.2	16.7	16.7	16.6	16.4	16.0	14.4	12.8	11.3	10.0
82.5°	39.7	39.1	38.1	36.8	35.5	34.2	32.6	29.2	25.8	22.7	20.0
80°	62.8	62.8	62.2	59.8	57.2	54.6	51.3	45.9	40.5	35.6	32.1
77.5°	87.3	86.7	85.5	82.2	78.9	75.6	71.4	64.3	57.2	50.4	45.9
75°	111.0	109.7	107.6	103.6	99.3	94.6	89.6	83.4	76.4	68.4	62.6
72.5°	134.4	132.5	129.7	125.5	120.7	115.6	110.3	104.3	97.4	89.6	83.7
70°	160.5	157.5	153.7	148.9	143.9	138.6	133.1	127.0	119.8	112.0	105.8
67.5°	192.5	187.8	182.4	176.8	171.3	164.9	158.5	151.4	144.2	136.0	128.2
65°	232.3	226.0	218.9	212.7	205.3	196.7	186.9	178.4	170.0	160.7	150.5
62.5°	278.0	271.9	262.0	251.9	242.1	232.2	220.3	208.4	197.0	185.4	173.4
60°	324.9	313.8	303.2	291.5	279.0	265.5	252.6	239.0	224.7	210.8	196.6
57.5°	376.5	362.9	348.9	333.9	318.0	302.8	287.0	270.1	253.9	237.0	219.9
55°	435.8	419.4	401.5	381.9	361.7	343.5	324.3	304.9	285.3	264.0	245.1
52.5°	506.1	485.6	462.7	437.3	413.6	389.5	364.4	342.4	318.5	294.9	271.4
50°	595.7	566.6	535.1	503.1	473.7	441.9	412.4	383.5	354.5	327.2	299.9
47.5°	703.0	664.6	621.5	581.7	542.8	503.4	467.1	428.8	395.6	361.2	330.8
45°	833.5	782.3	727.0	676.5	621.7	574.2	527.9	483.9	440.2	401.3	362.5
42.5°	1000.3	925.7	855.4	788.5	719.5	656.9	595.3	543.2	491.9	443.7	400.0
40°	1214.9	1106.1	1015.9	919.8	836.3	752.5	678.8	606.5	548.3	491.3	437.9
37.5°	1468.2	1340.9	1212.0	1080.5	971.8	866.6	771.7	686.6	607.3	542.5	480.9
35°	1736.0	1592.2	1437.9	1283.8	1125.1	997.7	877.1	772.2	679.7	596.1	525.2
32.5°	2003.3	1845.4	1675.5	1499.7	1321.4	1143.1	998.4	868.4	752.7	657.5	573.5
30°	2270.4	2097.1	1911.0	1719.1	1523.4	1323.2	1125.8	974.1	838.2	718.8	622.2
27.5°	2538.4	2350.6	2146.9	1935.8	1724.8	1506.5	1287.8	1083.1	924.4	789.4	675.6
25°	2806.7	2596.7	2378.0	2148.1	1918.1	1686.1	1444.4	1216.2	1021.0	860.0	724.8
22.5°	3075.7	2840.0	2596.2	2349.3	2102.0	1854.1	1601.1	1346.7	1112.5	931.9	782.4
20°	3341.6	3076.9	2810.0	2542.4	2275.7	2010.7	1746.2	1474.6	1220.1	1006.2	836.2
17.5°	3597.7	3303.6	3013.9	2723.8	2438.6	2157.5	1876.3	1592.6	1316.2	1072.4	883.7
15°	3841.7	3520.7	3206.0	2894.6	2586.8	2284.9	1991.4	1696.2	1403.6	1141.5	935.7
12.5°	4071.8	3721.6	3378.7	3040.7	2713.7	2397.2	2092.1	1787.2	1485.9	1208.8	982.1
10°	4268.4	3892.6	3523.6	3167.1	2823.5	2492.8	2175.2	1864.2	1556.4	1264.8	1020.1
7.5°	4428.2	4030.1	3641.1	3267.0	2909.6	2568.9	2239.4	1923.2	1612.3	1308.5	1049.4
5°	4545.0	4131.3	3728.1	3341.0	2969.3	2624.2	2284.7	1963.6	1652.8	1339.7	1069.8
2.5°	4617.4	4192.5	3779.9	3386.0	3004.1	2657.5	2310.9	1988.0	1675.9	1356.8	1082.7
0°	4630.9	4221.1	3796.1	3390.8	3024.0	2667.5	2317.9	1996.9	1681.8	1360.4	1086.7
-2.5°	4617.4	4192.5	3779.9	3386.0	3004.1	2657.5	2310.9	1988.0	1675.9	1356.8	1082.7
-5°	4545.0	4131.3	3728.1	3341.0	2969.3	2624.2	2284.7	1963.6	1652.8	1339.7	1069.8
-7.5°	4428.2	4030.1	3641.1	3267.0	2909.6	2568.9	2239.4	1923.2	1612.3	1308.5	1049.4
-10°	4268.4	3892.6	3523.6	3167.1	2823.5	2492.8	2175.2	1864.2	1556.4	1264.8	1020.1
-12.5°	4071.8	3721.6	3378.7	3040.7	2713.7	2397.2	2092.1	1787.2	1485.9	1208.8	982.1
-15°	3841.7	3520.7	3206.0	2894.6	2586.8	2284.9	1991.4	1696.2	1403.6	1141.5	935.7
-17.5°	3597.7	3303.6	3013.9	2723.8	2438.6	2157.5	1876.3	1592.6	1316.2	1072.4	883.7
-20°	3341.6	3076.9	2810.0	2542.4	2275.7	2010.7	1746.2	1474.6	1220.1	1006.2	836.2



REPORT NUMBER: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3075.7	2840.0	2596.2	2349.3	2102.0	1854.1	1601.1	1346.7	1112.5	931.9	782.4
-25°	2806.7	2596.7	2378.0	2148.1	1918.1	1686.1	1444.4	1216.2	1021.0	860.0	724.8
-27.5°	2538.4	2350.6	2146.9	1935.8	1724.8	1506.5	1287.8	1083.1	924.4	789.4	675.6
-30°	2270.4	2097.1	1911.0	1719.1	1523.4	1323.2	1125.8	974.1	838.2	718.8	622.2
-32.5°	2003.3	1845.4	1675.5	1499.7	1321.4	1143.1	998.4	868.4	752.7	657.5	573.5
-35°	1736.0	1592.2	1437.9	1283.8	1125.1	997.7	877.1	772.2	679.7	596.1	525.2
-37.5°	1468.2	1340.9	1212.0	1080.5	971.8	866.6	771.7	686.6	607.3	542.5	480.9
-40°	1214.9	1106.1	1015.9	919.8	836.3	752.5	678.8	606.5	548.3	491.3	437.9
-42.5°	1000.3	925.7	855.4	788.5	719.5	656.9	595.3	543.2	491.9	443.7	400.0
-45°	833.5	782.3	727.0	676.5	621.7	574.2	527.9	483.9	440.2	401.3	362.5
-47.5°	703.0	664.6	621.5	581.7	542.8	503.4	467.1	428.8	395.6	361.2	330.8
-50°	595.7	566.6	535.1	503.1	473.7	441.9	412.4	383.5	354.5	327.2	299.9
-52.5°	506.1	485.6	462.7	437.3	413.6	389.5	364.4	342.4	318.5	294.9	271.4
-55°	435.8	419.4	401.5	381.9	361.7	343.5	324.3	304.9	285.3	264.0	245.1
-57.5°	376.5	362.9	348.9	333.9	318.0	302.8	287.0	270.1	253.9	237.0	219.9
-60°	324.9	313.8	303.2	291.5	279.0	265.5	252.6	239.0	224.7	210.8	196.6
-62.5°	278.0	271.9	262.0	251.9	242.1	232.2	220.3	208.4	197.0	185.4	173.4
-65°	232.3	226.0	218.9	212.7	205.3	196.7	186.9	178.4	170.0	160.7	150.5
-67.5°	192.5	187.8	182.4	176.8	171.3	164.9	158.5	151.4	144.2	136.0	128.2
-70°	160.5	157.5	153.7	148.9	143.9	138.6	133.1	127.0	119.8	112.0	105.8
-72.5°	134.4	132.5	129.7	125.5	120.7	115.6	110.3	104.3	97.4	89.6	83.7
-75°	111.0	109.7	107.6	103.6	99.3	94.6	89.6	83.4	76.4	68.4	62.6
-77.5°	87.3	86.7	85.5	82.2	78.9	75.6	71.4	64.3	57.2	50.4	45.9
-80°	62.8	62.8	62.2	59.8	57.2	54.6	51.3	45.9	40.5	35.6	32.1
-82.5°	39.7	39.1	38.1	36.8	35.5	34.2	32.6	29.2	25.8	22.7	20.0
-85°	17.7	17.2	16.7	16.7	16.6	16.4	16.0	14.4	12.8	11.3	10.0
-87.5°	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.5	3.4	3.2	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-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°	3.5	3.8	4.1	4.2	4.4	4.5	4.5	4.4	4.2	4.0	3.7
85°	10.5	10.7	10.6	10.3	9.6	8.9	8.9	8.8	8.4	7.9	7.3
82.5°	20.8	21.4	21.8	21.6	20.3	18.9	17.4	15.8	14.1	12.1	11.0
80°	33.4	34.1	34.3	33.8	31.4	28.8	26.6	24.4	22.1	19.6	16.7
77.5°	46.9	47.5	47.6	46.8	43.7	40.4	36.9	33.3	30.1	26.9	23.4
75°	61.5	61.7	61.6	60.0	56.3	52.1	47.8	43.2	38.6	34.3	30.1
72.5°	80.5	77.9	76.0	73.5	69.3	64.6	59.1	53.0	47.2	41.7	36.7
70°	100.4	94.9	90.6	86.7	82.2	77.2	71.1	63.4	55.6	49.0	42.9
67.5°	121.1	114.3	107.4	100.3	94.8	89.1	82.9	73.7	64.4	56.2	48.9
65°	141.3	132.9	125.1	115.9	107.8	100.9	93.9	83.5	72.8	63.2	54.8
62.5°	161.6	150.3	140.6	130.6	120.8	112.3	104.5	92.6	80.9	70.0	60.5
60°	182.5	169.3	156.1	144.5	133.5	123.1	113.4	101.4	88.7	76.4	65.8
57.5°	204.1	188.3	173.2	158.8	145.9	133.9	121.9	109.5	96.3	83.0	70.6
55°	225.9	208.1	190.4	173.8	158.5	144.9	130.8	117.2	103.5	89.4	74.4
52.5°	249.4	228.4	208.5	189.1	171.7	155.6	140.3	124.8	110.4	95.5	78.6
50°	274.2	250.0	227.2	205.6	184.7	166.8	149.5	133.1	117.2	101.4	82.5
47.5°	300.3	272.9	246.9	222.2	199.5	177.7	159.1	141.3	123.7	107.3	86.0
45°	329.0	296.4	267.2	240.1	213.7	190.0	168.7	149.2	130.8	111.5	89.3
42.5°	357.9	321.8	288.2	257.3	229.1	202.4	177.8	157.4	137.6	115.3	92.4
40°	391.2	347.8	309.3	275.8	244.4	214.3	188.4	165.3	143.9	119.1	95.4
37.5°	423.6	375.7	332.4	293.5	259.4	227.7	198.6	172.8	148.9	123.2	98.2
35°	461.8	404.5	354.4	312.3	274.9	240.4	208.1	180.4	154.4	127.2	100.7
32.5°	499.0	433.9	379.2	331.5	289.5	252.4	218.3	188.3	160.0	131.0	102.8
30°	539.8	465.9	402.5	349.4	304.0	264.9	228.5	195.7	165.7	134.6	104.9
27.5°	579.0	495.3	425.2	368.5	319.3	276.5	238.0	202.6	171.3	138.3	107.5
25°	617.8	527.1	450.2	386.6	333.4	287.0	246.7	209.1	176.9	142.5	109.8
22.5°	660.0	557.9	472.8	403.0	346.1	296.7	255.0	216.2	182.0	146.5	111.8
20°	698.8	585.7	492.9	418.6	358.8	307.1	262.7	222.5	186.6	150.2	113.6
17.5°	735.4	614.0	515.3	435.4	370.8	316.3	269.6	228.1	190.6	153.7	115.0
15°	773.8	642.0	535.6	450.0	381.2	324.2	275.5	232.8	194.1	156.8	116.3
12.5°	806.5	665.8	552.6	462.3	389.9	330.8	280.4	236.8	197.0	159.4	117.5
10°	833.5	685.0	566.3	472.2	396.9	336.1	284.3	240.1	199.4	161.5	118.1
7.5°	854.5	699.8	576.6	479.7	402.2	340.3	287.5	242.6	201.3	162.9	118.3
5°	869.2	710.0	584.2	485.0	406.3	343.2	289.8	244.3	202.5	163.7	118.0
2.5°	876.9	715.8	588.9	487.8	408.6	344.9	291.1	245.1	203.2	163.8	117.2
0°	878.1	716.9	590.2	488.1	409.2	345.1	291.4	245.1	203.1	163.2	115.9
-2.5°	876.9	715.8	588.9	487.8	408.6	344.9	291.1	245.1	203.2	163.8	117.2
-5°	869.2	710.0	584.2	485.0	406.3	343.2	289.8	244.3	202.5	163.7	118.0
-7.5°	854.5	699.8	576.6	479.7	402.2	340.3	287.5	242.6	201.3	162.9	118.3
-10°	833.5	685.0	566.3	472.2	396.9	336.1	284.3	240.1	199.4	161.5	118.1
-12.5°	806.5	665.8	552.6	462.3	389.9	330.8	280.4	236.8	197.0	159.4	117.5
-15°	773.8	642.0	535.6	450.0	381.2	324.2	275.5	232.8	194.1	156.8	116.3
-17.5°	735.4	614.0	515.3	435.4	370.8	316.3	269.6	228.1	190.6	153.7	115.0
-20°	698.8	585.7	492.9	418.6	358.8	307.1	262.7	222.5	186.6	150.2	113.6

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626793 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-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°	660.0	557.9	472.8	403.0	346.1	296.7	255.0	216.2	182.0	146.5	111.8
-25°	617.8	527.1	450.2	386.6	333.4	287.0	246.7	209.1	176.9	142.5	109.8
-27.5°	579.0	495.3	425.2	368.5	319.3	276.5	238.0	202.6	171.3	138.3	107.5
-30°	539.8	465.9	402.5	349.4	304.0	264.9	228.5	195.7	165.7	134.6	104.9
-32.5°	499.0	433.9	379.2	331.5	289.5	252.4	218.3	188.3	160.0	131.0	102.8
-35°	461.8	404.5	354.4	312.3	274.9	240.4	208.1	180.4	154.4	127.2	100.7
-37.5°	423.6	375.7	332.4	293.5	259.4	227.7	198.6	172.8	148.9	123.2	98.2
-40°	391.2	347.8	309.3	275.8	244.4	214.3	188.4	165.3	143.9	119.1	95.4
-42.5°	357.9	321.8	288.2	257.3	229.1	202.4	177.8	157.4	137.6	115.3	92.4
-45°	329.0	296.4	267.2	240.1	213.7	190.0	168.7	149.2	130.8	111.5	89.3
-47.5°	300.3	272.9	246.9	222.2	199.5	177.7	159.1	141.3	123.7	107.3	86.0
-50°	274.2	250.0	227.2	205.6	184.7	166.8	149.5	133.1	117.2	101.4	82.5
-52.5°	249.4	228.4	208.5	189.1	171.7	155.6	140.3	124.8	110.4	95.5	78.6
-55°	225.9	208.1	190.4	173.8	158.5	144.9	130.8	117.2	103.5	89.4	74.4
-57.5°	204.1	188.3	173.2	158.8	145.9	133.9	121.9	109.5	96.3	83.0	70.6
-60°	182.5	169.3	156.1	144.5	133.5	123.1	113.4	101.4	88.7	76.4	65.8
-62.5°	161.6	150.3	140.6	130.6	120.8	112.3	104.5	92.6	80.9	70.0	60.5
-65°	141.3	132.9	125.1	115.9	107.8	100.9	93.9	83.5	72.8	63.2	54.8
-67.5°	121.1	114.3	107.4	100.3	94.8	89.1	82.9	73.7	64.4	56.2	48.9
-70°	100.4	94.9	90.6	86.7	82.2	77.2	71.1	63.4	55.6	49.0	42.9
-72.5°	80.5	77.9	76.0	73.5	69.3	64.6	59.1	53.0	47.2	41.7	36.7
-75°	61.5	61.7	61.6	60.0	56.3	52.1	47.8	43.2	38.6	34.3	30.1
-77.5°	46.9	47.5	47.6	46.8	43.7	40.4	36.9	33.3	30.1	26.9	23.4
-80°	33.4	34.1	34.3	33.8	31.4	28.8	26.6	24.4	22.1	19.6	16.7
-82.5°	20.8	21.4	21.8	21.6	20.3	18.9	17.4	15.8	14.1	12.1	11.0
-85°	10.5	10.7	10.6	10.3	9.6	8.9	8.9	8.8	8.4	7.9	7.3
-87.5°	3.5	3.8	4.1	4.2	4.4	4.5	4.5	4.4	4.2	4.0	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1E-730-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°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
85°	6.6	5.2	3.8	2.7	1.6	0.7	0.0
82.5°	9.9	7.7	5.8	4.0	2.4	1.1	0.0
80°	13.4	10.2	7.6	5.3	3.2	1.4	0.0
77.5°	19.2	13.3	9.5	6.6	4.0	1.8	0.0
75°	24.8	17.4	11.5	7.9	4.8	2.1	0.0
72.5°	30.2	21.4	14.2	9.1	5.6	2.4	0.0
70°	35.3	25.2	16.9	10.4	6.3	2.8	0.0
67.5°	39.8	28.9	19.4	12.0	7.0	3.1	0.0
65°	44.0	32.2	21.8	13.6	7.7	3.4	0.0
62.5°	48.0	35.3	24.1	15.0	8.4	3.7	0.0
60°	51.7	38.1	26.2	16.4	9.1	4.0	0.0
57.5°	55.1	40.8	28.2	17.7	9.8	4.3	0.0
55°	58.2	43.3	30.0	18.9	10.6	4.5	0.0
52.5°	61.1	45.5	31.7	20.0	11.3	4.8	0.0
50°	63.6	47.6	33.2	20.9	12.0	5.0	0.0
47.5°	66.1	49.5	34.6	21.8	12.7	5.3	0.0
45°	68.8	51.1	35.8	22.7	13.3	5.5	0.0
42.5°	71.2	52.6	36.8	23.5	13.9	5.7	0.0
40°	73.3	53.8	37.8	24.4	14.4	5.9	0.0
37.5°	75.1	54.8	38.6	25.3	15.0	6.1	0.0
35°	76.6	55.9	39.3	26.1	15.4	6.2	0.0
32.5°	78.0	57.0	39.8	26.8	15.9	6.4	0.0
30°	79.6	57.8	40.2	27.5	16.3	6.5	0.0
27.5°	80.8	58.4	41.0	28.1	16.6	6.6	0.0
25°	81.8	58.8	41.9	28.6	16.9	6.7	0.0
22.5°	82.5	59.2	42.6	29.0	17.2	6.8	0.0
20°	82.9	60.3	43.2	29.4	17.5	6.9	0.0
17.5°	83.8	61.2	43.8	29.7	17.7	6.9	0.0
15°	84.9	61.9	44.2	29.9	17.8	7.0	0.0
12.5°	85.7	62.4	44.5	30.0	17.9	7.0	0.0
10°	86.2	62.7	44.7	30.1	18.0	7.0	0.0
7.5°	86.4	62.8	44.8	30.1	18.0	7.0	0.0
5°	86.3	62.7	44.8	30.0	18.0	7.0	0.0
2.5°	86.0	62.5	44.6	29.8	17.9	6.9	0.0
0°	85.3	62.1	44.4	29.6	17.8	6.9	0.0
-2.5°	86.0	62.5	44.6	29.8	17.9	6.9	0.0
-5°	86.3	62.7	44.8	30.0	18.0	7.0	0.0
-7.5°	86.4	62.8	44.8	30.1	18.0	7.0	0.0
-10°	86.2	62.7	44.7	30.1	18.0	7.0	0.0
-12.5°	85.7	62.4	44.5	30.0	17.9	7.0	0.0
-15°	84.9	61.9	44.2	29.9	17.8	7.0	0.0
-17.5°	83.8	61.2	43.8	29.7	17.7	6.9	0.0
-20°	82.9	60.3	43.2	29.4	17.5	6.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.5	59.2	42.6	29.0	17.2	6.8	0.0
-25°	81.8	58.8	41.9	28.6	16.9	6.7	0.0
-27.5°	80.8	58.4	41.0	28.1	16.6	6.6	0.0
-30°	79.6	57.8	40.2	27.5	16.3	6.5	0.0
-32.5°	78.0	57.0	39.8	26.8	15.9	6.4	0.0
-35°	76.6	55.9	39.3	26.1	15.4	6.2	0.0
-37.5°	75.1	54.8	38.6	25.3	15.0	6.1	0.0
-40°	73.3	53.8	37.8	24.4	14.4	5.9	0.0
-42.5°	71.2	52.6	36.8	23.5	13.9	5.7	0.0
-45°	68.8	51.1	35.8	22.7	13.3	5.5	0.0
-47.5°	66.1	49.5	34.6	21.8	12.7	5.3	0.0
-50°	63.6	47.6	33.2	20.9	12.0	5.0	0.0
-52.5°	61.1	45.5	31.7	20.0	11.3	4.8	0.0
-55°	58.2	43.3	30.0	18.9	10.6	4.5	0.0
-57.5°	55.1	40.8	28.2	17.7	9.8	4.3	0.0
-60°	51.7	38.1	26.2	16.4	9.1	4.0	0.0
-62.5°	48.0	35.3	24.1	15.0	8.4	3.7	0.0
-65°	44.0	32.2	21.8	13.6	7.7	3.4	0.0
-67.5°	39.8	28.9	19.4	12.0	7.0	3.1	0.0
-70°	35.3	25.2	16.9	10.4	6.3	2.8	0.0
-72.5°	30.2	21.4	14.2	9.1	5.6	2.4	0.0
-75°	24.8	17.4	11.5	7.9	4.8	2.1	0.0
-77.5°	19.2	13.3	9.5	6.6	4.0	1.8	0.0
-80°	13.4	10.2	7.6	5.3	3.2	1.4	0.0
-82.5°	9.9	7.7	5.8	4.0	2.4	1.1	0.0
-85°	6.6	5.2	3.8	2.7	1.6	0.7	0.0
-87.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)