

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: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1D-735-U-VWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N25  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

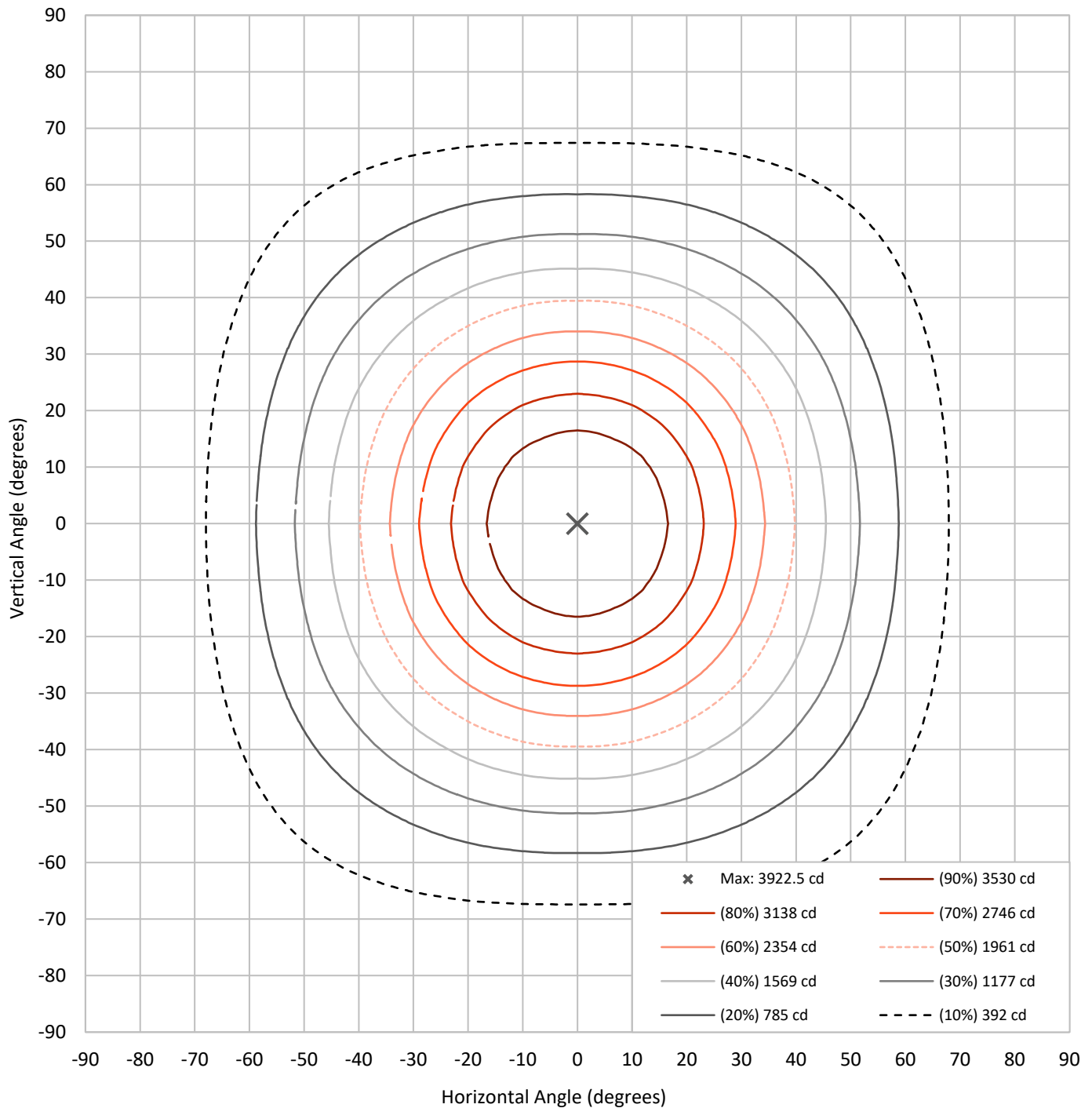
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7089.7 lumens	Max Intensity:	3922.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	4158.1 lumens	Field Lumens:	6758.8 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	57.3		
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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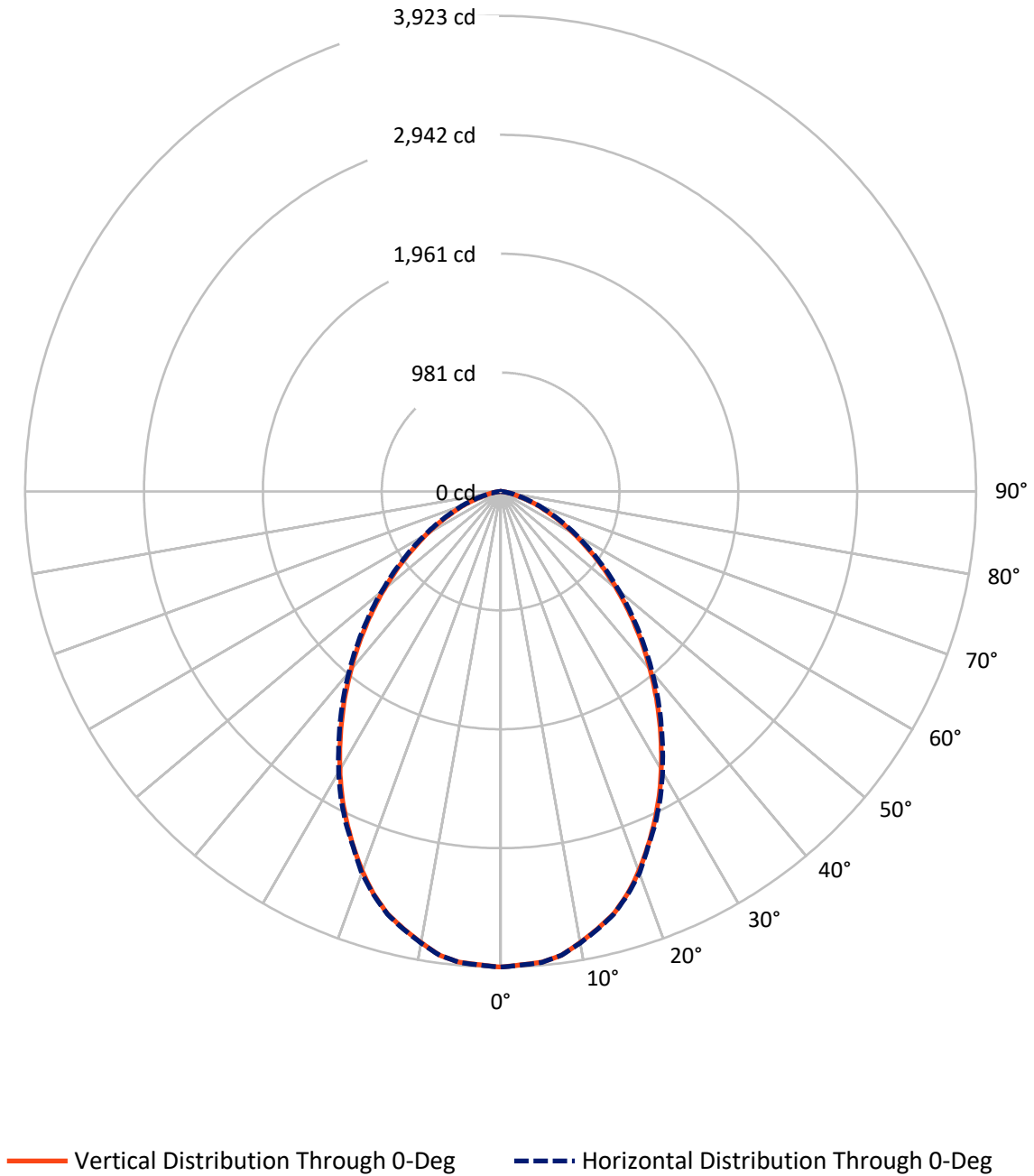
### Iso-Candela Plot





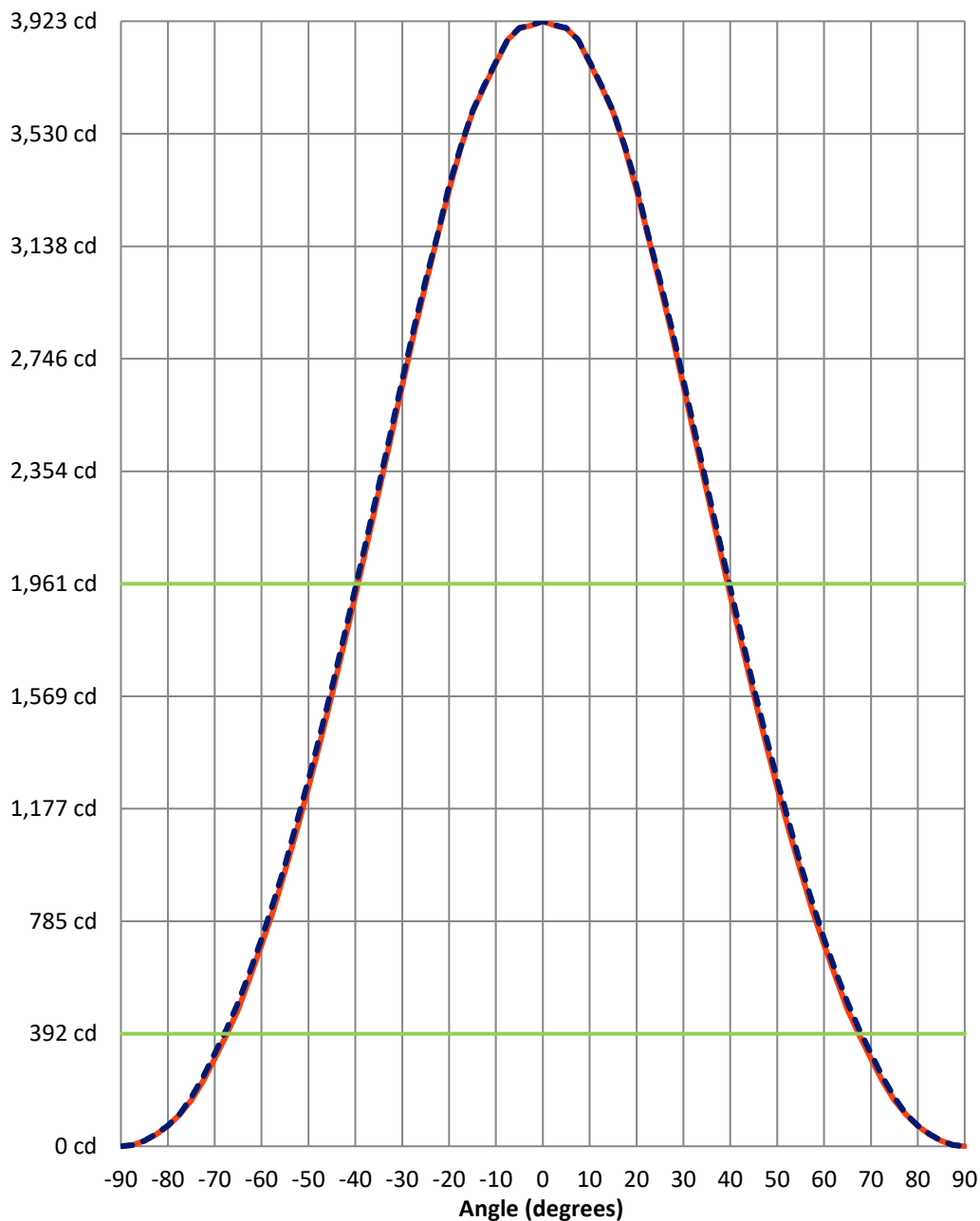
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 4158.1  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 6758.8  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 330.9  
 Efficiency: 4.7%

— 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	0.2	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
85°	0.0	0.4	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
82.5°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.6	10.4	14.1
80°	0.0	0.9	2.0	3.1	4.1	5.1	6.9	12.2	17.4	22.3	27.0
77.5°	0.0	1.1	2.5	3.8	5.1	8.0	14.9	21.7	28.0	34.1	41.7
75°	0.0	1.3	3.0	4.6	6.6	13.8	22.8	31.1	39.0	49.9	61.4
72.5°	0.0	1.5	3.5	5.3	10.5	19.4	30.4	41.2	53.6	66.9	80.9
70°	0.0	1.7	4.0	6.4	14.3	24.8	38.1	53.3	67.9	83.5	101.8
67.5°	0.0	1.9	4.4	8.7	18.0	30.0	47.2	65.1	81.9	101.6	122.6
65°	0.0	2.1	4.9	11.0	21.5	35.8	56.0	76.6	97.0	119.2	142.0
62.5°	0.0	2.3	5.3	13.1	24.8	42.2	64.3	88.7	111.7	136.0	159.4
60°	0.0	2.5	5.7	15.2	27.9	48.3	72.1	100.6	125.7	151.7	176.5
57.5°	0.0	2.7	6.8	17.1	32.0	53.9	80.4	111.7	139.6	167.1	192.8
55°	0.0	2.9	8.0	18.9	35.9	59.2	88.2	121.3	153.2	182.1	208.4
52.5°	0.0	3.0	9.0	20.5	39.6	64.2	95.5	131.3	166.6	195.8	223.6
50°	0.0	3.2	10.1	22.0	42.9	69.5	102.1	140.8	179.2	209.1	241.0
47.5°	0.0	3.3	11.0	23.6	46.0	74.4	108.3	149.6	190.7	222.0	258.1
45°	0.0	3.5	12.0	25.6	48.8	78.8	115.2	157.8	199.6	236.6	274.4
42.5°	0.0	3.6	12.9	27.5	51.2	82.7	121.6	165.2	208.1	250.5	293.7
40°	0.0	3.7	13.7	29.3	53.7	86.1	127.3	172.3	216.9	263.6	312.4
37.5°	0.0	3.9	14.5	31.2	56.1	89.0	132.5	179.0	226.9	276.1	329.9
35°	0.0	4.0	15.2	32.9	58.2	92.3	137.0	185.3	236.6	290.3	347.6
32.5°	0.0	4.1	15.8	34.5	59.9	95.7	141.2	191.3	246.1	304.1	366.4
30°	0.0	4.1	16.5	36.0	61.4	98.6	145.6	197.2	255.2	317.2	383.9
27.5°	0.0	4.2	17.0	37.3	63.5	100.9	149.5	204.1	264.5	329.6	400.2
25°	0.0	4.3	17.5	38.5	65.4	102.8	152.9	210.5	274.3	342.3	415.3
22.5°	0.0	4.3	17.9	39.6	67.2	104.7	155.9	216.3	283.2	354.3	431.3
20°	0.0	4.4	18.3	40.5	68.7	107.3	158.3	221.6	291.4	365.1	445.6
17.5°	0.0	4.4	18.6	41.2	69.9	109.4	161.4	226.2	298.6	374.5	458.3
15°	0.0	4.4	18.8	41.8	70.9	111.1	164.6	230.7	304.9	382.6	469.2
12.5°	0.0	4.5	19.0	42.3	71.7	112.3	167.1	234.8	310.6	389.3	478.4
10°	0.0	4.5	19.2	42.7	72.2	113.0	169.1	238.0	315.6	395.6	486.1
7.5°	0.0	4.5	19.2	42.9	72.5	113.3	170.4	240.2	319.3	400.6	492.7
5°	0.0	4.4	19.2	42.9	72.6	113.2	171.1	241.5	321.9	404.3	497.5
2.5°	0.0	4.4	19.2	42.8	72.4	112.6	171.1	241.8	323.3	406.5	500.3
0°	0.0	4.4	19.1	42.6	72.0	111.7	170.5	241.1	323.4	407.3	501.3
-2.5°	0.0	4.4	19.2	42.8	72.4	112.6	171.1	241.8	323.3	406.5	500.3
-5°	0.0	4.4	19.2	42.9	72.6	113.2	171.1	241.5	321.9	404.3	497.5
-7.5°	0.0	4.5	19.2	42.9	72.5	113.3	170.4	240.2	319.3	400.6	492.7
-10°	0.0	4.5	19.2	42.7	72.2	113.0	169.1	238.0	315.6	395.6	486.1
-12.5°	0.0	4.5	19.0	42.3	71.7	112.3	167.1	234.8	310.6	389.3	478.4
-15°	0.0	4.4	18.8	41.8	70.9	111.1	164.6	230.7	304.9	382.6	469.2
-17.5°	0.0	4.4	18.6	41.2	69.9	109.4	161.4	226.2	298.6	374.5	458.3
-20°	0.0	4.4	18.3	40.5	68.7	107.3	158.3	221.6	291.4	365.1	445.6

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CATALOG NUMBER: GFLD-SA1D-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.3	17.9	39.6	67.2	104.7	155.9	216.3	283.2	354.3	431.3
-25°	0.0	4.3	17.5	38.5	65.4	102.8	152.9	210.5	274.3	342.3	415.3
-27.5°	0.0	4.2	17.0	37.3	63.5	100.9	149.5	204.1	264.5	329.6	400.2
-30°	0.0	4.1	16.5	36.0	61.4	98.6	145.6	197.2	255.2	317.2	383.9
-32.5°	0.0	4.1	15.8	34.5	59.9	95.7	141.2	191.3	246.1	304.1	366.4
-35°	0.0	4.0	15.2	32.9	58.2	92.3	137.0	185.3	236.6	290.3	347.6
-37.5°	0.0	3.9	14.5	31.2	56.1	89.0	132.5	179.0	226.9	276.1	329.9
-40°	0.0	3.7	13.7	29.3	53.7	86.1	127.3	172.3	216.9	263.6	312.4
-42.5°	0.0	3.6	12.9	27.5	51.2	82.7	121.6	165.2	208.1	250.5	293.7
-45°	0.0	3.5	12.0	25.6	48.8	78.8	115.2	157.8	199.6	236.6	274.4
-47.5°	0.0	3.3	11.0	23.6	46.0	74.4	108.3	149.6	190.7	222.0	258.1
-50°	0.0	3.2	10.1	22.0	42.9	69.5	102.1	140.8	179.2	209.1	241.0
-52.5°	0.0	3.0	9.0	20.5	39.6	64.2	95.5	131.3	166.6	195.8	223.6
-55°	0.0	2.9	8.0	18.9	35.9	59.2	88.2	121.3	153.2	182.1	208.4
-57.5°	0.0	2.7	6.8	17.1	32.0	53.9	80.4	111.7	139.6	167.1	192.8
-60°	0.0	2.5	5.7	15.2	27.9	48.3	72.1	100.6	125.7	151.7	176.5
-62.5°	0.0	2.3	5.3	13.1	24.8	42.2	64.3	88.7	111.7	136.0	159.4
-65°	0.0	2.1	4.9	11.0	21.5	35.8	56.0	76.6	97.0	119.2	142.0
-67.5°	0.0	1.9	4.4	8.7	18.0	30.0	47.2	65.1	81.9	101.6	122.6
-70°	0.0	1.7	4.0	6.4	14.3	24.8	38.1	53.3	67.9	83.5	101.8
-72.5°	0.0	1.5	3.5	5.3	10.5	19.4	30.4	41.2	53.6	66.9	80.9
-75°	0.0	1.3	3.0	4.6	6.6	13.8	22.8	31.1	39.0	49.9	61.4
-77.5°	0.0	1.1	2.5	3.8	5.1	8.0	14.9	21.7	28.0	34.1	41.7
-80°	0.0	0.9	2.0	3.1	4.1	5.1	6.9	12.2	17.4	22.3	27.0
-82.5°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.6	10.4	14.1
-85°	0.0	0.4	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
-87.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	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: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-VWR-XX

**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°	2.9	3.3	3.8	4.2	4.3	4.3	4.2	4.2	4.3	4.5	4.7
85°	5.8	6.6	9.2	11.7	12.9	13.6	13.9	13.9	16.1	18.7	21.6
82.5°	17.9	21.6	25.1	28.5	29.3	29.4	29.0	29.1	34.4	40.5	46.7
80°	31.9	36.6	42.8	48.3	50.7	51.9	52.4	52.3	59.0	67.9	77.3
77.5°	50.6	58.4	65.3	71.1	74.3	77.0	79.2	81.0	89.6	100.9	112.1
75°	71.8	80.5	89.1	96.5	101.7	105.6	109.3	115.1	126.4	139.5	150.9
72.5°	94.3	105.3	114.9	123.0	130.3	138.1	146.9	156.4	168.3	181.4	193.4
70°	118.3	130.4	140.4	150.1	160.1	171.8	184.9	197.8	211.1	225.5	239.5
67.5°	141.7	153.4	165.2	177.5	192.5	208.2	223.6	241.4	259.5	275.6	290.0
65°	162.1	175.8	190.5	207.3	225.8	245.7	266.3	287.6	310.7	330.0	347.6
62.5°	181.5	198.0	216.0	236.9	260.4	283.9	310.3	337.0	362.9	385.7	406.8
60°	199.5	219.5	242.2	267.7	295.2	326.5	356.5	386.9	415.3	441.1	467.7
57.5°	217.0	242.1	269.3	300.0	334.8	369.9	405.2	437.9	470.1	501.5	531.6
55°	235.5	265.8	298.1	335.7	375.0	416.5	454.6	491.0	526.5	564.6	600.8
52.5°	255.8	289.6	330.1	372.3	417.6	462.2	503.9	545.4	588.3	631.4	678.6
50°	275.4	317.5	361.9	411.0	460.0	507.7	555.6	603.3	654.8	707.7	761.1
47.5°	298.3	344.3	396.8	449.4	502.9	556.0	609.3	667.1	725.5	786.8	846.0
45°	321.5	373.2	429.8	489.2	547.1	605.9	668.3	732.1	800.6	868.1	939.2
42.5°	343.4	401.9	464.3	528.5	592.8	658.6	727.2	801.7	876.5	954.4	1032.5
40°	367.8	429.3	497.9	568.7	638.5	711.4	789.8	870.6	955.2	1040.8	1125.7
37.5°	391.2	458.7	530.9	607.1	685.5	765.6	850.7	942.4	1034.2	1126.3	1219.9
35°	413.1	486.7	564.9	645.8	728.9	820.0	915.2	1013.0	1112.5	1212.1	1312.8
32.5°	435.6	513.1	597.4	683.9	775.5	873.3	977.4	1083.5	1189.4	1295.8	1406.0
30°	458.2	540.7	628.8	720.0	820.2	926.7	1038.6	1151.0	1263.0	1380.1	1497.6
27.5°	479.6	567.0	659.8	757.3	863.1	976.1	1095.1	1215.4	1336.2	1460.7	1586.0
25°	499.2	591.8	688.5	793.2	905.3	1023.7	1147.6	1273.2	1405.7	1538.9	1669.7
22.5°	518.4	614.7	715.0	826.3	943.5	1067.9	1196.9	1329.5	1468.0	1611.0	1746.4
20°	536.8	636.4	740.9	856.2	977.8	1107.7	1241.8	1380.6	1525.9	1672.7	1818.3
17.5°	553.2	655.8	764.9	884.2	1010.5	1144.1	1282.2	1425.6	1577.3	1729.5	1883.8
15°	567.5	672.6	785.8	908.7	1039.4	1177.2	1319.6	1467.1	1622.7	1781.3	1941.6
12.5°	579.6	686.8	803.3	929.4	1063.9	1205.5	1351.8	1504.5	1664.3	1827.3	1992.3
10°	589.4	698.5	817.5	946.4	1083.9	1229.0	1378.4	1535.3	1700.0	1866.4	2035.0
7.5°	597.8	708.1	828.8	959.5	1099.3	1247.3	1399.0	1559.4	1728.3	1897.0	2069.2
5°	603.8	715.9	839.1	970.5	1112.7	1261.6	1414.6	1576.5	1749.0	1918.7	2094.1
2.5°	607.5	721.0	846.2	977.6	1123.3	1272.4	1428.6	1591.6	1764.3	1936.0	2112.7
0°	608.7	723.3	849.8	980.6	1129.1	1277.6	1436.4	1599.6	1771.6	1946.6	2124.5
-2.5°	607.5	721.0	846.2	977.6	1123.3	1272.4	1428.6	1591.6	1764.3	1936.0	2112.7
-5°	603.8	715.9	839.1	970.5	1112.7	1261.6	1414.6	1576.5	1749.0	1918.7	2094.1
-7.5°	597.8	708.1	828.8	959.5	1099.3	1247.3	1399.0	1559.4	1728.3	1897.0	2069.2
-10°	589.4	698.5	817.5	946.4	1083.9	1229.0	1378.4	1535.3	1700.0	1866.4	2035.0
-12.5°	579.6	686.8	803.3	929.4	1063.9	1205.5	1351.8	1504.5	1664.3	1827.3	1992.3
-15°	567.5	672.6	785.8	908.7	1039.4	1177.2	1319.6	1467.1	1622.7	1781.3	1941.6
-17.5°	553.2	655.8	764.9	884.2	1010.5	1144.1	1282.2	1425.6	1577.3	1729.5	1883.8
-20°	536.8	636.4	740.9	856.2	977.8	1107.7	1241.8	1380.6	1525.9	1672.7	1818.3

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	518.4	614.7	715.0	826.3	943.5	1067.9	1196.9	1329.5	1468.0	1611.0	1746.4
-25°	499.2	591.8	688.5	793.2	905.3	1023.7	1147.6	1273.2	1405.7	1538.9	1669.7
-27.5°	479.6	567.0	659.8	757.3	863.1	976.1	1095.1	1215.4	1336.2	1460.7	1586.0
-30°	458.2	540.7	628.8	720.0	820.2	926.7	1038.6	1151.0	1263.0	1380.1	1497.6
-32.5°	435.6	513.1	597.4	683.9	775.5	873.3	977.4	1083.5	1189.4	1295.8	1406.0
-35°	413.1	486.7	564.9	645.8	728.9	820.0	915.2	1013.0	1112.5	1212.1	1312.8
-37.5°	391.2	458.7	530.9	607.1	685.5	765.6	850.7	942.4	1034.2	1126.3	1219.9
-40°	367.8	429.3	497.9	568.7	638.5	711.4	789.8	870.6	955.2	1040.8	1125.7
-42.5°	343.4	401.9	464.3	528.5	592.8	658.6	727.2	801.7	876.5	954.4	1032.5
-45°	321.5	373.2	429.8	489.2	547.1	605.9	668.3	732.1	800.6	868.1	939.2
-47.5°	298.3	344.3	396.8	449.4	502.9	556.0	609.3	667.1	725.5	786.8	846.0
-50°	275.4	317.5	361.9	411.0	460.0	507.7	555.6	603.3	654.8	707.7	761.1
-52.5°	255.8	289.6	330.1	372.3	417.6	462.2	503.9	545.4	588.3	631.4	678.6
-55°	235.5	265.8	298.1	335.7	375.0	416.5	454.6	491.0	526.5	564.6	600.8
-57.5°	217.0	242.1	269.3	300.0	334.8	369.9	405.2	437.9	470.1	501.5	531.6
-60°	199.5	219.5	242.2	267.7	295.2	326.5	356.5	386.9	415.3	441.1	467.7
-62.5°	181.5	198.0	216.0	236.9	260.4	283.9	310.3	337.0	362.9	385.7	406.8
-65°	162.1	175.8	190.5	207.3	225.8	245.7	266.3	287.6	310.7	330.0	347.6
-67.5°	141.7	153.4	165.2	177.5	192.5	208.2	223.6	241.4	259.5	275.6	290.0
-70°	118.3	130.4	140.4	150.1	160.1	171.8	184.9	197.8	211.1	225.5	239.5
-72.5°	94.3	105.3	114.9	123.0	130.3	138.1	146.9	156.4	168.3	181.4	193.4
-75°	71.8	80.5	89.1	96.5	101.7	105.6	109.3	115.1	126.4	139.5	150.9
-77.5°	50.6	58.4	65.3	71.1	74.3	77.0	79.2	81.0	89.6	100.9	112.1
-80°	31.9	36.6	42.8	48.3	50.7	51.9	52.4	52.3	59.0	67.9	77.3
-82.5°	17.9	21.6	25.1	28.5	29.3	29.4	29.0	29.1	34.4	40.5	46.7
-85°	5.8	6.6	9.2	11.7	12.9	13.6	13.9	13.9	16.1	18.7	21.6
-87.5°	2.9	3.3	3.8	4.2	4.3	4.3	4.2	4.2	4.3	4.5	4.7
-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: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-VWR-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°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.4	5.1
85°	24.6	26.3	27.9	29.5	31.0	32.4	33.7	34.9	36.0	32.9	29.4
82.5°	53.1	57.3	61.3	65.4	69.3	70.4	70.7	70.5	70.0	64.5	58.4
80°	86.6	93.8	100.6	107.3	114.0	114.7	113.9	112.6	110.6	103.4	95.3
77.5°	123.2	132.3	140.2	147.5	154.1	155.3	155.2	154.8	154.3	146.9	138.1
75°	160.7	169.6	178.1	185.4	191.5	194.3	195.6	196.6	197.1	191.8	184.9
72.5°	204.2	213.4	221.0	228.0	234.0	238.4	241.5	243.8	245.4	243.8	241.0
70°	251.4	261.3	269.6	277.7	285.8	292.3	297.2	300.7	303.0	304.4	305.5
67.5°	304.6	317.9	329.5	339.4	349.2	358.4	365.9	372.1	376.9	380.9	384.0
65°	364.5	381.5	396.5	410.4	423.0	436.4	447.3	456.5	463.9	470.1	474.9
62.5°	427.4	448.3	467.6	486.4	504.8	522.9	536.8	549.5	560.7	570.4	578.1
60°	492.9	516.5	542.5	567.3	590.1	610.9	631.6	649.5	664.9	677.6	687.9
57.5°	563.2	593.9	624.3	655.0	684.1	711.3	736.8	759.3	778.3	793.9	806.9
55°	639.2	677.6	712.8	751.6	789.1	823.2	853.3	879.7	902.6	921.8	938.0
52.5°	722.7	769.3	815.0	859.2	901.8	941.4	977.5	1008.2	1035.6	1059.0	1077.7
50°	814.1	867.4	920.4	969.6	1018.5	1064.2	1105.4	1141.1	1173.0	1200.6	1222.3
47.5°	909.7	970.4	1029.6	1085.8	1140.0	1190.7	1235.4	1276.1	1315.8	1348.2	1373.8
45°	1009.0	1077.0	1142.3	1206.7	1266.3	1323.2	1378.3	1429.0	1469.7	1505.4	1535.4
42.5°	1109.4	1185.4	1258.5	1328.7	1394.3	1460.0	1522.0	1577.4	1623.9	1664.5	1698.6
40°	1211.3	1294.4	1374.9	1451.4	1526.4	1598.1	1665.2	1723.7	1776.1	1824.3	1864.4
37.5°	1312.5	1403.9	1493.2	1578.9	1661.5	1739.2	1811.7	1877.7	1936.8	1991.7	2036.3
35°	1414.2	1514.6	1612.3	1706.6	1796.8	1882.5	1961.8	2036.9	2106.7	2162.3	2207.9
32.5°	1515.6	1623.4	1729.7	1833.6	1932.2	2024.7	2110.6	2193.7	2265.4	2326.5	2378.9
30°	1613.6	1730.4	1846.2	1958.8	2065.4	2165.6	2260.7	2348.6	2425.7	2492.5	2551.3
27.5°	1709.8	1835.3	1959.6	2079.8	2195.1	2304.0	2407.8	2503.0	2587.2	2659.8	2721.9
25°	1800.7	1935.7	2068.1	2195.6	2318.8	2438.8	2550.9	2654.8	2744.7	2824.5	2888.2
22.5°	1887.6	2031.5	2170.7	2304.8	2436.5	2565.9	2688.7	2797.2	2892.4	2975.9	3046.4
20°	1968.5	2122.7	2265.1	2407.0	2545.7	2683.9	2815.7	2930.2	3031.0	3119.8	3197.5
17.5°	2044.2	2202.4	2352.3	2503.3	2649.5	2794.5	2928.4	3051.1	3159.9	3254.1	3335.6
15°	2108.3	2268.0	2431.7	2592.9	2747.1	2893.9	3027.7	3155.9	3276.7	3378.6	3461.1
12.5°	2160.2	2326.2	2497.0	2668.2	2831.3	2977.9	3118.0	3247.9	3374.8	3489.3	3565.2
10°	2204.4	2375.4	2551.6	2726.2	2891.5	3046.6	3198.9	3336.4	3461.0	3563.6	3648.3
7.5°	2242.6	2418.7	2597.8	2772.7	2937.3	3097.6	3254.4	3400.4	3526.2	3622.8	3698.4
5°	2270.7	2451.1	2633.6	2810.1	2977.1	3137.9	3295.4	3439.5	3562.4	3660.7	3743.1
2.5°	2290.9	2472.9	2656.8	2833.5	3004.2	3165.4	3326.9	3472.6	3591.6	3681.6	3760.5
0°	2303.8	2486.1	2671.4	2852.2	3019.8	3175.7	3349.2	3485.9	3609.4	3699.1	3781.4
-2.5°	2290.9	2472.9	2656.8	2833.5	3004.2	3165.4	3326.9	3472.6	3591.6	3681.6	3760.5
-5°	2270.7	2451.1	2633.6	2810.1	2977.1	3137.9	3295.4	3439.5	3562.4	3660.7	3743.1
-7.5°	2242.6	2418.7	2597.8	2772.7	2937.3	3097.6	3254.4	3400.4	3526.2	3622.8	3698.4
-10°	2204.4	2375.4	2551.6	2726.2	2891.5	3046.6	3198.9	3336.4	3461.0	3563.6	3648.3
-12.5°	2160.2	2326.2	2497.0	2668.2	2831.3	2977.9	3118.0	3247.9	3374.8	3489.3	3565.2
-15°	2108.3	2268.0	2431.7	2592.9	2747.1	2893.9	3027.7	3155.9	3276.7	3378.6	3461.1
-17.5°	2044.2	2202.4	2352.3	2503.3	2649.5	2794.5	2928.4	3051.1	3159.9	3254.1	3335.6
-20°	1968.5	2122.7	2265.1	2407.0	2545.7	2683.9	2815.7	2930.2	3031.0	3119.8	3197.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1887.6	2031.5	2170.7	2304.8	2436.5	2565.9	2688.7	2797.2	2892.4	2975.9	3046.4
-25°	1800.7	1935.7	2068.1	2195.6	2318.8	2438.8	2550.9	2654.8	2744.7	2824.5	2888.2
-27.5°	1709.8	1835.3	1959.6	2079.8	2195.1	2304.0	2407.8	2503.0	2587.2	2659.8	2721.9
-30°	1613.6	1730.4	1846.2	1958.8	2065.4	2165.6	2260.7	2348.6	2425.7	2492.5	2551.3
-32.5°	1515.6	1623.4	1729.7	1833.6	1932.2	2024.7	2110.6	2193.7	2265.4	2326.5	2378.9
-35°	1414.2	1514.6	1612.3	1706.6	1796.8	1882.5	1961.8	2036.9	2106.7	2162.3	2207.9
-37.5°	1312.5	1403.9	1493.2	1578.9	1661.5	1739.2	1811.7	1877.7	1936.8	1991.7	2036.3
-40°	1211.3	1294.4	1374.9	1451.4	1526.4	1598.1	1665.2	1723.7	1776.1	1824.3	1864.4
-42.5°	1109.4	1185.4	1258.5	1328.7	1394.3	1460.0	1522.0	1577.4	1623.9	1664.5	1698.6
-45°	1009.0	1077.0	1142.3	1206.7	1266.3	1323.2	1378.3	1429.0	1469.7	1505.4	1535.4
-47.5°	909.7	970.4	1029.6	1085.8	1140.0	1190.7	1235.4	1276.1	1315.8	1348.2	1373.8
-50°	814.1	867.4	920.4	969.6	1018.5	1064.2	1105.4	1141.1	1173.0	1200.6	1222.3
-52.5°	722.7	769.3	815.0	859.2	901.8	941.4	977.5	1008.2	1035.6	1059.0	1077.7
-55°	639.2	677.6	712.8	751.6	789.1	823.2	853.3	879.7	902.6	921.8	938.0
-57.5°	563.2	593.9	624.3	655.0	684.1	711.3	736.8	759.3	778.3	793.9	806.9
-60°	492.9	516.5	542.5	567.3	590.1	610.9	631.6	649.5	664.9	677.6	687.9
-62.5°	427.4	448.3	467.6	486.4	504.8	522.9	536.8	549.5	560.7	570.4	578.1
-65°	364.5	381.5	396.5	410.4	423.0	436.4	447.3	456.5	463.9	470.1	474.9
-67.5°	304.6	317.9	329.5	339.4	349.2	358.4	365.9	372.1	376.9	380.9	384.0
-70°	251.4	261.3	269.6	277.7	285.8	292.3	297.2	300.7	303.0	304.4	305.5
-72.5°	204.2	213.4	221.0	228.0	234.0	238.4	241.5	243.8	245.4	243.8	241.0
-75°	160.7	169.6	178.1	185.4	191.5	194.3	195.6	196.6	197.1	191.8	184.9
-77.5°	123.2	132.3	140.2	147.5	154.1	155.3	155.2	154.8	154.3	146.9	138.1
-80°	86.6	93.8	100.6	107.3	114.0	114.7	113.9	112.6	110.6	103.4	95.3
-82.5°	53.1	57.3	61.3	65.4	69.3	70.4	70.7	70.5	70.0	64.5	58.4
-85°	24.6	26.3	27.9	29.5	31.0	32.4	33.7	34.9	36.0	32.9	29.4
-87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.4	5.1
-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: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-735-U-VWR-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°	4.7	4.4	4.4	4.4	4.4	4.4	4.7	5.1	5.4	5.7	5.6
85°	25.8	22.0	20.6	19.1	20.6	22.0	25.8	29.4	32.9	36.0	34.9
82.5°	52.1	45.4	43.4	41.2	43.4	45.4	52.1	58.4	64.5	70.0	70.5
80°	86.7	77.7	74.2	70.6	74.2	77.7	86.7	95.3	103.4	110.6	112.6
77.5°	128.7	118.8	114.6	110.3	114.6	118.8	128.7	138.1	146.9	154.3	154.8
75°	177.7	169.9	165.3	160.3	165.3	169.9	177.7	184.9	191.8	197.1	196.6
72.5°	237.8	234.0	230.6	226.4	230.6	234.0	237.8	241.0	243.8	245.4	243.8
70°	305.9	305.4	306.0	305.8	306.0	305.4	305.9	305.5	304.4	303.0	300.7
67.5°	385.6	385.7	387.4	388.1	387.4	385.7	385.6	384.0	380.9	376.9	372.1
65°	477.9	479.1	478.7	476.4	478.7	479.1	477.9	474.9	470.1	463.9	456.5
62.5°	583.6	586.7	588.5	588.1	588.5	586.7	583.6	578.1	570.4	560.7	549.5
60°	695.6	700.5	703.0	702.8	703.0	700.5	695.6	687.9	677.6	664.9	649.5
57.5°	816.7	823.0	824.5	821.9	824.5	823.0	816.7	806.9	793.9	778.3	759.3
55°	950.2	958.4	961.5	960.1	961.5	958.4	950.2	938.0	921.8	902.6	879.7
52.5°	1091.5	1100.3	1103.4	1101.2	1103.4	1100.3	1091.5	1077.7	1059.0	1035.6	1008.2
50°	1238.2	1248.9	1253.2	1251.2	1253.2	1248.9	1238.2	1222.3	1200.6	1173.0	1141.1
47.5°	1393.9	1408.1	1413.7	1409.9	1413.7	1408.1	1393.9	1373.8	1348.2	1315.8	1276.1
45°	1557.8	1572.6	1578.3	1574.6	1578.3	1572.6	1557.8	1535.4	1505.4	1469.7	1429.0
42.5°	1724.6	1743.8	1751.9	1745.2	1751.9	1743.8	1724.6	1698.6	1664.5	1623.9	1577.4
40°	1894.4	1915.2	1924.8	1920.1	1924.8	1915.2	1894.4	1864.4	1824.3	1776.1	1723.7
37.5°	2068.5	2089.2	2099.4	2099.5	2099.4	2089.2	2068.5	2036.3	1991.7	1936.8	1877.7
35°	2243.2	2268.3	2282.4	2281.8	2282.4	2268.3	2243.2	2207.9	2162.3	2106.7	2036.9
32.5°	2420.4	2447.5	2462.0	2464.1	2462.0	2447.5	2420.4	2378.9	2326.5	2265.4	2193.7
30°	2597.3	2627.2	2643.9	2650.8	2643.9	2627.2	2597.3	2551.3	2492.5	2425.7	2348.6
27.5°	2768.9	2805.6	2830.9	2833.1	2830.9	2805.6	2768.9	2721.9	2659.8	2587.2	2503.0
25°	2935.0	2972.4	2998.4	3003.7	2998.4	2972.4	2935.0	2888.2	2824.5	2744.7	2654.8
22.5°	3098.8	3137.8	3161.8	3171.3	3161.8	3137.8	3098.8	3046.4	2975.9	2892.4	2797.2
20°	3255.1	3297.4	3322.8	3333.0	3322.8	3297.4	3255.1	3197.5	3119.8	3031.0	2930.2
17.5°	3396.5	3441.2	3472.6	3481.5	3472.6	3441.2	3396.5	3335.6	3254.1	3159.9	3051.1
15°	3521.0	3563.4	3593.2	3605.0	3593.2	3563.4	3521.0	3461.1	3378.6	3276.7	3155.9
12.5°	3622.2	3660.2	3683.6	3694.7	3683.6	3660.2	3622.2	3565.2	3489.3	3374.8	3247.9
10°	3701.4	3739.5	3761.8	3777.0	3761.8	3739.5	3701.4	3648.3	3563.6	3461.0	3336.4
7.5°	3770.1	3809.1	3836.4	3857.9	3836.4	3809.1	3770.1	3698.4	3622.8	3526.2	3400.4
5°	3808.0	3873.2	3883.0	3897.6	3883.0	3873.2	3808.0	3743.1	3660.7	3562.4	3439.5
2.5°	3836.9	3883.1	3910.9	3907.8	3910.9	3883.1	3836.9	3760.5	3681.6	3591.6	3472.6
0°	3857.9	3899.0	3909.3	3922.5	3909.3	3899.0	3857.9	3781.4	3699.1	3609.4	3485.9
-2.5°	3836.9	3883.1	3910.9	3907.8	3910.9	3883.1	3836.9	3760.5	3681.6	3591.6	3472.6
-5°	3808.0	3873.2	3883.0	3897.6	3883.0	3873.2	3808.0	3743.1	3660.7	3562.4	3439.5
-7.5°	3770.1	3809.1	3836.4	3857.9	3836.4	3809.1	3770.1	3698.4	3622.8	3526.2	3400.4
-10°	3701.4	3739.5	3761.8	3777.0	3761.8	3739.5	3701.4	3648.3	3563.6	3461.0	3336.4
-12.5°	3622.2	3660.2	3683.6	3694.7	3683.6	3660.2	3622.2	3565.2	3489.3	3374.8	3247.9
-15°	3521.0	3563.4	3593.2	3605.0	3593.2	3563.4	3521.0	3461.1	3378.6	3276.7	3155.9
-17.5°	3396.5	3441.2	3472.6	3481.5	3472.6	3441.2	3396.5	3335.6	3254.1	3159.9	3051.1
-20°	3255.1	3297.4	3322.8	3333.0	3322.8	3297.4	3255.1	3197.5	3119.8	3031.0	2930.2



REPORT NUMBER: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3098.8	3137.8	3161.8	3171.3	3161.8	3137.8	3098.8	3046.4	2975.9	2892.4	2797.2
-25°	2935.0	2972.4	2998.4	3003.7	2998.4	2972.4	2935.0	2888.2	2824.5	2744.7	2654.8
-27.5°	2768.9	2805.6	2830.9	2833.1	2830.9	2805.6	2768.9	2721.9	2659.8	2587.2	2503.0
-30°	2597.3	2627.2	2643.9	2650.8	2643.9	2627.2	2597.3	2551.3	2492.5	2425.7	2348.6
-32.5°	2420.4	2447.5	2462.0	2464.1	2462.0	2447.5	2420.4	2378.9	2326.5	2265.4	2193.7
-35°	2243.2	2268.3	2282.4	2281.8	2282.4	2268.3	2243.2	2207.9	2162.3	2106.7	2036.9
-37.5°	2068.5	2089.2	2099.4	2099.5	2099.4	2089.2	2068.5	2036.3	1991.7	1936.8	1877.7
-40°	1894.4	1915.2	1924.8	1920.1	1924.8	1915.2	1894.4	1864.4	1824.3	1776.1	1723.7
-42.5°	1724.6	1743.8	1751.9	1745.2	1751.9	1743.8	1724.6	1698.6	1664.5	1623.9	1577.4
-45°	1557.8	1572.6	1578.3	1574.6	1578.3	1572.6	1557.8	1535.4	1505.4	1469.7	1429.0
-47.5°	1393.9	1408.1	1413.7	1409.9	1413.7	1408.1	1393.9	1373.8	1348.2	1315.8	1276.1
-50°	1238.2	1248.9	1253.2	1251.2	1253.2	1248.9	1238.2	1222.3	1200.6	1173.0	1141.1
-52.5°	1091.5	1100.3	1103.4	1101.2	1103.4	1100.3	1091.5	1077.7	1059.0	1035.6	1008.2
-55°	950.2	958.4	961.5	960.1	961.5	958.4	950.2	938.0	921.8	902.6	879.7
-57.5°	816.7	823.0	824.5	821.9	824.5	823.0	816.7	806.9	793.9	778.3	759.3
-60°	695.6	700.5	703.0	702.8	703.0	700.5	695.6	687.9	677.6	664.9	649.5
-62.5°	583.6	586.7	588.5	588.1	588.5	586.7	583.6	578.1	570.4	560.7	549.5
-65°	477.9	479.1	478.7	476.4	478.7	479.1	477.9	474.9	470.1	463.9	456.5
-67.5°	385.6	385.7	387.4	388.1	387.4	385.7	385.6	384.0	380.9	376.9	372.1
-70°	305.9	305.4	306.0	305.8	306.0	305.4	305.9	305.5	304.4	303.0	300.7
-72.5°	237.8	234.0	230.6	226.4	230.6	234.0	237.8	241.0	243.8	245.4	243.8
-75°	177.7	169.9	165.3	160.3	165.3	169.9	177.7	184.9	191.8	197.1	196.6
-77.5°	128.7	118.8	114.6	110.3	114.6	118.8	128.7	138.1	146.9	154.3	154.8
-80°	86.7	77.7	74.2	70.6	74.2	77.7	86.7	95.3	103.4	110.6	112.6
-82.5°	52.1	45.4	43.4	41.2	43.4	45.4	52.1	58.4	64.5	70.0	70.5
-85°	25.8	22.0	20.6	19.1	20.6	22.0	25.8	29.4	32.9	36.0	34.9
-87.5°	4.7	4.4	4.4	4.4	4.4	4.4	4.7	5.1	5.4	5.7	5.6
-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: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-VWR-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°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
85°	33.7	32.4	31.0	29.5	27.9	26.3	24.6	21.6	18.7	16.1	13.9
82.5°	70.7	70.4	69.3	65.4	61.3	57.3	53.1	46.7	40.5	34.4	29.1
80°	113.9	114.7	114.0	107.3	100.6	93.8	86.6	77.3	67.9	59.0	52.3
77.5°	155.2	155.3	154.1	147.5	140.2	132.3	123.2	112.1	100.9	89.6	81.0
75°	195.6	194.3	191.5	185.4	178.1	169.6	160.7	150.9	139.5	126.4	115.1
72.5°	241.5	238.4	234.0	228.0	221.0	213.4	204.2	193.4	181.4	168.3	156.4
70°	297.2	292.3	285.8	277.7	269.6	261.3	251.4	239.5	225.5	211.1	197.8
67.5°	365.9	358.4	349.2	339.4	329.5	317.9	304.6	290.0	275.6	259.5	241.4
65°	447.3	436.4	423.0	410.4	396.5	381.5	364.5	347.6	330.0	310.7	287.6
62.5°	536.8	522.9	504.8	486.4	467.6	448.3	427.4	406.8	385.7	362.9	337.0
60°	631.6	610.9	590.1	567.3	542.5	516.5	492.9	467.7	441.1	415.3	386.9
57.5°	736.8	711.3	684.1	655.0	624.3	593.9	563.2	531.6	501.5	470.1	437.9
55°	853.3	823.2	789.1	751.6	712.8	677.6	639.2	600.8	564.6	526.5	491.0
52.5°	977.5	941.4	901.8	859.2	815.0	769.3	722.7	678.6	631.4	588.3	545.4
50°	1105.4	1064.2	1018.5	969.6	920.4	867.4	814.1	761.1	707.7	654.8	603.3
47.5°	1235.4	1190.7	1140.0	1085.8	1029.6	970.4	909.7	846.0	786.8	725.5	667.1
45°	1378.3	1323.2	1266.3	1206.7	1142.3	1077.0	1009.0	939.2	868.1	800.6	732.1
42.5°	1522.0	1460.0	1394.3	1328.7	1258.5	1185.4	1109.4	1032.5	954.4	876.5	801.7
40°	1665.2	1598.1	1526.4	1451.4	1374.9	1294.4	1211.3	1125.7	1040.8	955.2	870.6
37.5°	1811.7	1739.2	1661.5	1578.9	1493.2	1403.9	1312.5	1219.9	1126.3	1034.2	942.4
35°	1961.8	1882.5	1796.8	1706.6	1612.3	1514.6	1414.2	1312.8	1212.1	1112.5	1013.0
32.5°	2110.6	2024.7	1932.2	1833.6	1729.7	1623.4	1515.6	1406.0	1295.8	1189.4	1083.5
30°	2260.7	2165.6	2065.4	1958.8	1846.2	1730.4	1613.6	1497.6	1380.1	1263.0	1151.0
27.5°	2407.8	2304.0	2195.1	2079.8	1959.6	1835.3	1709.8	1586.0	1460.7	1336.2	1215.4
25°	2550.9	2438.8	2318.8	2195.6	2068.1	1935.7	1800.7	1669.7	1538.9	1405.7	1273.2
22.5°	2688.7	2565.9	2436.5	2304.8	2170.7	2031.5	1887.6	1746.4	1611.0	1468.0	1329.5
20°	2815.7	2683.9	2545.7	2407.0	2265.1	2122.7	1968.5	1818.3	1672.7	1525.9	1380.6
17.5°	2928.4	2794.5	2649.5	2503.3	2352.3	2202.4	2044.2	1883.8	1729.5	1577.3	1425.6
15°	3027.7	2893.9	2747.1	2592.9	2431.7	2268.0	2108.3	1941.6	1781.3	1622.7	1467.1
12.5°	3118.0	2977.9	2831.3	2668.2	2497.0	2326.2	2160.2	1992.3	1827.3	1664.3	1504.5
10°	3198.9	3046.6	2891.5	2726.2	2551.6	2375.4	2204.4	2035.0	1866.4	1700.0	1535.3
7.5°	3254.4	3097.6	2937.3	2772.7	2597.8	2418.7	2242.6	2069.2	1897.0	1728.3	1559.4
5°	3295.4	3137.9	2977.1	2810.1	2633.6	2451.1	2270.7	2094.1	1918.7	1749.0	1576.5
2.5°	3326.9	3165.4	3004.2	2833.5	2656.8	2472.9	2290.9	2112.7	1936.0	1764.3	1591.6
0°	3349.2	3175.7	3019.8	2852.2	2671.4	2486.1	2303.8	2124.5	1946.6	1771.6	1599.6
-2.5°	3326.9	3165.4	3004.2	2833.5	2656.8	2472.9	2290.9	2112.7	1936.0	1764.3	1591.6
-5°	3295.4	3137.9	2977.1	2810.1	2633.6	2451.1	2270.7	2094.1	1918.7	1749.0	1576.5
-7.5°	3254.4	3097.6	2937.3	2772.7	2597.8	2418.7	2242.6	2069.2	1897.0	1728.3	1559.4
-10°	3198.9	3046.6	2891.5	2726.2	2551.6	2375.4	2204.4	2035.0	1866.4	1700.0	1535.3
-12.5°	3118.0	2977.9	2831.3	2668.2	2497.0	2326.2	2160.2	1992.3	1827.3	1664.3	1504.5
-15°	3027.7	2893.9	2747.1	2592.9	2431.7	2268.0	2108.3	1941.6	1781.3	1622.7	1467.1
-17.5°	2928.4	2794.5	2649.5	2503.3	2352.3	2202.4	2044.2	1883.8	1729.5	1577.3	1425.6
-20°	2815.7	2683.9	2545.7	2407.0	2265.1	2122.7	1968.5	1818.3	1672.7	1525.9	1380.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2688.7	2565.9	2436.5	2304.8	2170.7	2031.5	1887.6	1746.4	1611.0	1468.0	1329.5
-25°	2550.9	2438.8	2318.8	2195.6	2068.1	1935.7	1800.7	1669.7	1538.9	1405.7	1273.2
-27.5°	2407.8	2304.0	2195.1	2079.8	1959.6	1835.3	1709.8	1586.0	1460.7	1336.2	1215.4
-30°	2260.7	2165.6	2065.4	1958.8	1846.2	1730.4	1613.6	1497.6	1380.1	1263.0	1151.0
-32.5°	2110.6	2024.7	1932.2	1833.6	1729.7	1623.4	1515.6	1406.0	1295.8	1189.4	1083.5
-35°	1961.8	1882.5	1796.8	1706.6	1612.3	1514.6	1414.2	1312.8	1212.1	1112.5	1013.0
-37.5°	1811.7	1739.2	1661.5	1578.9	1493.2	1403.9	1312.5	1219.9	1126.3	1034.2	942.4
-40°	1665.2	1598.1	1526.4	1451.4	1374.9	1294.4	1211.3	1125.7	1040.8	955.2	870.6
-42.5°	1522.0	1460.0	1394.3	1328.7	1258.5	1185.4	1109.4	1032.5	954.4	876.5	801.7
-45°	1378.3	1323.2	1266.3	1206.7	1142.3	1077.0	1009.0	939.2	868.1	800.6	732.1
-47.5°	1235.4	1190.7	1140.0	1085.8	1029.6	970.4	909.7	846.0	786.8	725.5	667.1
-50°	1105.4	1064.2	1018.5	969.6	920.4	867.4	814.1	761.1	707.7	654.8	603.3
-52.5°	977.5	941.4	901.8	859.2	815.0	769.3	722.7	678.6	631.4	588.3	545.4
-55°	853.3	823.2	789.1	751.6	712.8	677.6	639.2	600.8	564.6	526.5	491.0
-57.5°	736.8	711.3	684.1	655.0	624.3	593.9	563.2	531.6	501.5	470.1	437.9
-60°	631.6	610.9	590.1	567.3	542.5	516.5	492.9	467.7	441.1	415.3	386.9
-62.5°	536.8	522.9	504.8	486.4	467.6	448.3	427.4	406.8	385.7	362.9	337.0
-65°	447.3	436.4	423.0	410.4	396.5	381.5	364.5	347.6	330.0	310.7	287.6
-67.5°	365.9	358.4	349.2	339.4	329.5	317.9	304.6	290.0	275.6	259.5	241.4
-70°	297.2	292.3	285.8	277.7	269.6	261.3	251.4	239.5	225.5	211.1	197.8
-72.5°	241.5	238.4	234.0	228.0	221.0	213.4	204.2	193.4	181.4	168.3	156.4
-75°	195.6	194.3	191.5	185.4	178.1	169.6	160.7	150.9	139.5	126.4	115.1
-77.5°	155.2	155.3	154.1	147.5	140.2	132.3	123.2	112.1	100.9	89.6	81.0
-80°	113.9	114.7	114.0	107.3	100.6	93.8	86.6	77.3	67.9	59.0	52.3
-82.5°	70.7	70.4	69.3	65.4	61.3	57.3	53.1	46.7	40.5	34.4	29.1
-85°	33.7	32.4	31.0	29.5	27.9	26.3	24.6	21.6	18.7	16.1	13.9
-87.5°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
-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: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-735-U-VWR-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°	4.2	4.3	4.3	4.2	3.8	3.3	2.9	2.5	2.3	2.0	1.8
85°	13.9	13.6	12.9	11.7	9.2	6.6	5.8	5.0	4.5	4.0	3.5
82.5°	29.0	29.4	29.3	28.5	25.1	21.6	17.9	14.1	10.4	6.6	5.3
80°	52.4	51.9	50.7	48.3	42.8	36.6	31.9	27.0	22.3	17.4	12.2
77.5°	79.2	77.0	74.3	71.1	65.3	58.4	50.6	41.7	34.1	28.0	21.7
75°	109.3	105.6	101.7	96.5	89.1	80.5	71.8	61.4	49.9	39.0	31.1
72.5°	146.9	138.1	130.3	123.0	114.9	105.3	94.3	80.9	66.9	53.6	41.2
70°	184.9	171.8	160.1	150.1	140.4	130.4	118.3	101.8	83.5	67.9	53.3
67.5°	223.6	208.2	192.5	177.5	165.2	153.4	141.7	122.6	101.6	81.9	65.1
65°	266.3	245.7	225.8	207.3	190.5	175.8	162.1	142.0	119.2	97.0	76.6
62.5°	310.3	283.9	260.4	236.9	216.0	198.0	181.5	159.4	136.0	111.7	88.7
60°	356.5	326.5	295.2	267.7	242.2	219.5	199.5	176.5	151.7	125.7	100.6
57.5°	405.2	369.9	334.8	300.0	269.3	242.1	217.0	192.8	167.1	139.6	111.7
55°	454.6	416.5	375.0	335.7	298.1	265.8	235.5	208.4	182.1	153.2	121.3
52.5°	503.9	462.2	417.6	372.3	330.1	289.6	255.8	223.6	195.8	166.6	131.3
50°	555.6	507.7	460.0	411.0	361.9	317.5	275.4	241.0	209.1	179.2	140.8
47.5°	609.3	556.0	502.9	449.4	396.8	344.3	298.3	258.1	222.0	190.7	149.6
45°	668.3	605.9	547.1	489.2	429.8	373.2	321.5	274.4	236.6	199.6	157.8
42.5°	727.2	658.6	592.8	528.5	464.3	401.9	343.4	293.7	250.5	208.1	165.2
40°	789.8	711.4	638.5	568.7	497.9	429.3	367.8	312.4	263.6	216.9	172.3
37.5°	850.7	765.6	685.5	607.1	530.9	458.7	391.2	329.9	276.1	226.9	179.0
35°	915.2	820.0	728.9	645.8	564.9	486.7	413.1	347.6	290.3	236.6	185.3
32.5°	977.4	873.3	775.5	683.9	597.4	513.1	435.6	366.4	304.1	246.1	191.3
30°	1038.6	926.7	820.2	720.0	628.8	540.7	458.2	383.9	317.2	255.2	197.2
27.5°	1095.1	976.1	863.1	757.3	659.8	567.0	479.6	400.2	329.6	264.5	204.1
25°	1147.6	1023.7	905.3	793.2	688.5	591.8	499.2	415.3	342.3	274.3	210.5
22.5°	1196.9	1067.9	943.5	826.3	715.0	614.7	518.4	431.3	354.3	283.2	216.3
20°	1241.8	1107.7	977.8	856.2	740.9	636.4	536.8	445.6	365.1	291.4	221.6
17.5°	1282.2	1144.1	1010.5	884.2	764.9	655.8	553.2	458.3	374.5	298.6	226.2
15°	1319.6	1177.2	1039.4	908.7	785.8	672.6	567.5	469.2	382.6	304.9	230.7
12.5°	1351.8	1205.5	1063.9	929.4	803.3	686.8	579.6	478.4	389.3	310.6	234.8
10°	1378.4	1229.0	1083.9	946.4	817.5	698.5	589.4	486.1	395.6	315.6	238.0
7.5°	1399.0	1247.3	1099.3	959.5	828.8	708.1	597.8	492.7	400.6	319.3	240.2
5°	1414.6	1261.6	1112.7	970.5	839.1	715.9	603.8	497.5	404.3	321.9	241.5
2.5°	1428.6	1272.4	1123.3	977.6	846.2	721.0	607.5	500.3	406.5	323.3	241.8
0°	1436.4	1277.6	1129.1	980.6	849.8	723.3	608.7	501.3	407.3	323.4	241.1
-2.5°	1428.6	1272.4	1123.3	977.6	846.2	721.0	607.5	500.3	406.5	323.3	241.8
-5°	1414.6	1261.6	1112.7	970.5	839.1	715.9	603.8	497.5	404.3	321.9	241.5
-7.5°	1399.0	1247.3	1099.3	959.5	828.8	708.1	597.8	492.7	400.6	319.3	240.2
-10°	1378.4	1229.0	1083.9	946.4	817.5	698.5	589.4	486.1	395.6	315.6	238.0
-12.5°	1351.8	1205.5	1063.9	929.4	803.3	686.8	579.6	478.4	389.3	310.6	234.8
-15°	1319.6	1177.2	1039.4	908.7	785.8	672.6	567.5	469.2	382.6	304.9	230.7
-17.5°	1282.2	1144.1	1010.5	884.2	764.9	655.8	553.2	458.3	374.5	298.6	226.2
-20°	1241.8	1107.7	977.8	856.2	740.9	636.4	536.8	445.6	365.1	291.4	221.6

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1196.9	1067.9	943.5	826.3	715.0	614.7	518.4	431.3	354.3	283.2	216.3
-25°	1147.6	1023.7	905.3	793.2	688.5	591.8	499.2	415.3	342.3	274.3	210.5
-27.5°	1095.1	976.1	863.1	757.3	659.8	567.0	479.6	400.2	329.6	264.5	204.1
-30°	1038.6	926.7	820.2	720.0	628.8	540.7	458.2	383.9	317.2	255.2	197.2
-32.5°	977.4	873.3	775.5	683.9	597.4	513.1	435.6	366.4	304.1	246.1	191.3
-35°	915.2	820.0	728.9	645.8	564.9	486.7	413.1	347.6	290.3	236.6	185.3
-37.5°	850.7	765.6	685.5	607.1	530.9	458.7	391.2	329.9	276.1	226.9	179.0
-40°	789.8	711.4	638.5	568.7	497.9	429.3	367.8	312.4	263.6	216.9	172.3
-42.5°	727.2	658.6	592.8	528.5	464.3	401.9	343.4	293.7	250.5	208.1	165.2
-45°	668.3	605.9	547.1	489.2	429.8	373.2	321.5	274.4	236.6	199.6	157.8
-47.5°	609.3	556.0	502.9	449.4	396.8	344.3	298.3	258.1	222.0	190.7	149.6
-50°	555.6	507.7	460.0	411.0	361.9	317.5	275.4	241.0	209.1	179.2	140.8
-52.5°	503.9	462.2	417.6	372.3	330.1	289.6	255.8	223.6	195.8	166.6	131.3
-55°	454.6	416.5	375.0	335.7	298.1	265.8	235.5	208.4	182.1	153.2	121.3
-57.5°	405.2	369.9	334.8	300.0	269.3	242.1	217.0	192.8	167.1	139.6	111.7
-60°	356.5	326.5	295.2	267.7	242.2	219.5	199.5	176.5	151.7	125.7	100.6
-62.5°	310.3	283.9	260.4	236.9	216.0	198.0	181.5	159.4	136.0	111.7	88.7
-65°	266.3	245.7	225.8	207.3	190.5	175.8	162.1	142.0	119.2	97.0	76.6
-67.5°	223.6	208.2	192.5	177.5	165.2	153.4	141.7	122.6	101.6	81.9	65.1
-70°	184.9	171.8	160.1	150.1	140.4	130.4	118.3	101.8	83.5	67.9	53.3
-72.5°	146.9	138.1	130.3	123.0	114.9	105.3	94.3	80.9	66.9	53.6	41.2
-75°	109.3	105.6	101.7	96.5	89.1	80.5	71.8	61.4	49.9	39.0	31.1
-77.5°	79.2	77.0	74.3	71.1	65.3	58.4	50.6	41.7	34.1	28.0	21.7
-80°	52.4	51.9	50.7	48.3	42.8	36.6	31.9	27.0	22.3	17.4	12.2
-82.5°	29.0	29.4	29.3	28.5	25.1	21.6	17.9	14.1	10.4	6.6	5.3
-85°	13.9	13.6	12.9	11.7	9.2	6.6	5.8	5.0	4.5	4.0	3.5
-87.5°	4.2	4.3	4.3	4.2	3.8	3.3	2.9	2.5	2.3	2.0	1.8
-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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REPORT NUMBER: P626741 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-VWR-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°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
85°	3.1	2.6	2.0	1.5	1.0	0.4	0.0
82.5°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
80°	6.9	5.1	4.1	3.1	2.0	0.9	0.0
77.5°	14.9	8.0	5.1	3.8	2.5	1.1	0.0
75°	22.8	13.8	6.6	4.6	3.0	1.3	0.0
72.5°	30.4	19.4	10.5	5.3	3.5	1.5	0.0
70°	38.1	24.8	14.3	6.4	4.0	1.7	0.0
67.5°	47.2	30.0	18.0	8.7	4.4	1.9	0.0
65°	56.0	35.8	21.5	11.0	4.9	2.1	0.0
62.5°	64.3	42.2	24.8	13.1	5.3	2.3	0.0
60°	72.1	48.3	27.9	15.2	5.7	2.5	0.0
57.5°	80.4	53.9	32.0	17.1	6.8	2.7	0.0
55°	88.2	59.2	35.9	18.9	8.0	2.9	0.0
52.5°	95.5	64.2	39.6	20.5	9.0	3.0	0.0
50°	102.1	69.5	42.9	22.0	10.1	3.2	0.0
47.5°	108.3	74.4	46.0	23.6	11.0	3.3	0.0
45°	115.2	78.8	48.8	25.6	12.0	3.5	0.0
42.5°	121.6	82.7	51.2	27.5	12.9	3.6	0.0
40°	127.3	86.1	53.7	29.3	13.7	3.7	0.0
37.5°	132.5	89.0	56.1	31.2	14.5	3.9	0.0
35°	137.0	92.3	58.2	32.9	15.2	4.0	0.0
32.5°	141.2	95.7	59.9	34.5	15.8	4.1	0.0
30°	145.6	98.6	61.4	36.0	16.5	4.1	0.0
27.5°	149.5	100.9	63.5	37.3	17.0	4.2	0.0
25°	152.9	102.8	65.4	38.5	17.5	4.3	0.0
22.5°	155.9	104.7	67.2	39.6	17.9	4.3	0.0
20°	158.3	107.3	68.7	40.5	18.3	4.4	0.0
17.5°	161.4	109.4	69.9	41.2	18.6	4.4	0.0
15°	164.6	111.1	70.9	41.8	18.8	4.4	0.0
12.5°	167.1	112.3	71.7	42.3	19.0	4.5	0.0
10°	169.1	113.0	72.2	42.7	19.2	4.5	0.0
7.5°	170.4	113.3	72.5	42.9	19.2	4.5	0.0
5°	171.1	113.2	72.6	42.9	19.2	4.4	0.0
2.5°	171.1	112.6	72.4	42.8	19.2	4.4	0.0
0°	170.5	111.7	72.0	42.6	19.1	4.4	0.0
-2.5°	171.1	112.6	72.4	42.8	19.2	4.4	0.0
-5°	171.1	113.2	72.6	42.9	19.2	4.4	0.0
-7.5°	170.4	113.3	72.5	42.9	19.2	4.5	0.0
-10°	169.1	113.0	72.2	42.7	19.2	4.5	0.0
-12.5°	167.1	112.3	71.7	42.3	19.0	4.5	0.0
-15°	164.6	111.1	70.9	41.8	18.8	4.4	0.0
-17.5°	161.4	109.4	69.9	41.2	18.6	4.4	0.0
-20°	158.3	107.3	68.7	40.5	18.3	4.4	0.0

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CATALOG NUMBER: GFLD-SA1D-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	155.9	104.7	67.2	39.6	17.9	4.3	0.0
-25°	152.9	102.8	65.4	38.5	17.5	4.3	0.0
-27.5°	149.5	100.9	63.5	37.3	17.0	4.2	0.0
-30°	145.6	98.6	61.4	36.0	16.5	4.1	0.0
-32.5°	141.2	95.7	59.9	34.5	15.8	4.1	0.0
-35°	137.0	92.3	58.2	32.9	15.2	4.0	0.0
-37.5°	132.5	89.0	56.1	31.2	14.5	3.9	0.0
-40°	127.3	86.1	53.7	29.3	13.7	3.7	0.0
-42.5°	121.6	82.7	51.2	27.5	12.9	3.6	0.0
-45°	115.2	78.8	48.8	25.6	12.0	3.5	0.0
-47.5°	108.3	74.4	46.0	23.6	11.0	3.3	0.0
-50°	102.1	69.5	42.9	22.0	10.1	3.2	0.0
-52.5°	95.5	64.2	39.6	20.5	9.0	3.0	0.0
-55°	88.2	59.2	35.9	18.9	8.0	2.9	0.0
-57.5°	80.4	53.9	32.0	17.1	6.8	2.7	0.0
-60°	72.1	48.3	27.9	15.2	5.7	2.5	0.0
-62.5°	64.3	42.2	24.8	13.1	5.3	2.3	0.0
-65°	56.0	35.8	21.5	11.0	4.9	2.1	0.0
-67.5°	47.2	30.0	18.0	8.7	4.4	1.9	0.0
-70°	38.1	24.8	14.3	6.4	4.0	1.7	0.0
-72.5°	30.4	19.4	10.5	5.3	3.5	1.5	0.0
-75°	22.8	13.8	6.6	4.6	3.0	1.3	0.0
-77.5°	14.9	8.0	5.1	3.8	2.5	1.1	0.0
-80°	6.9	5.1	4.1	3.1	2.0	0.9	0.0
-82.5°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
-85°	3.1	2.6	2.0	1.5	1.0	0.4	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)