

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: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-735-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5D-735-U-MR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N120  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

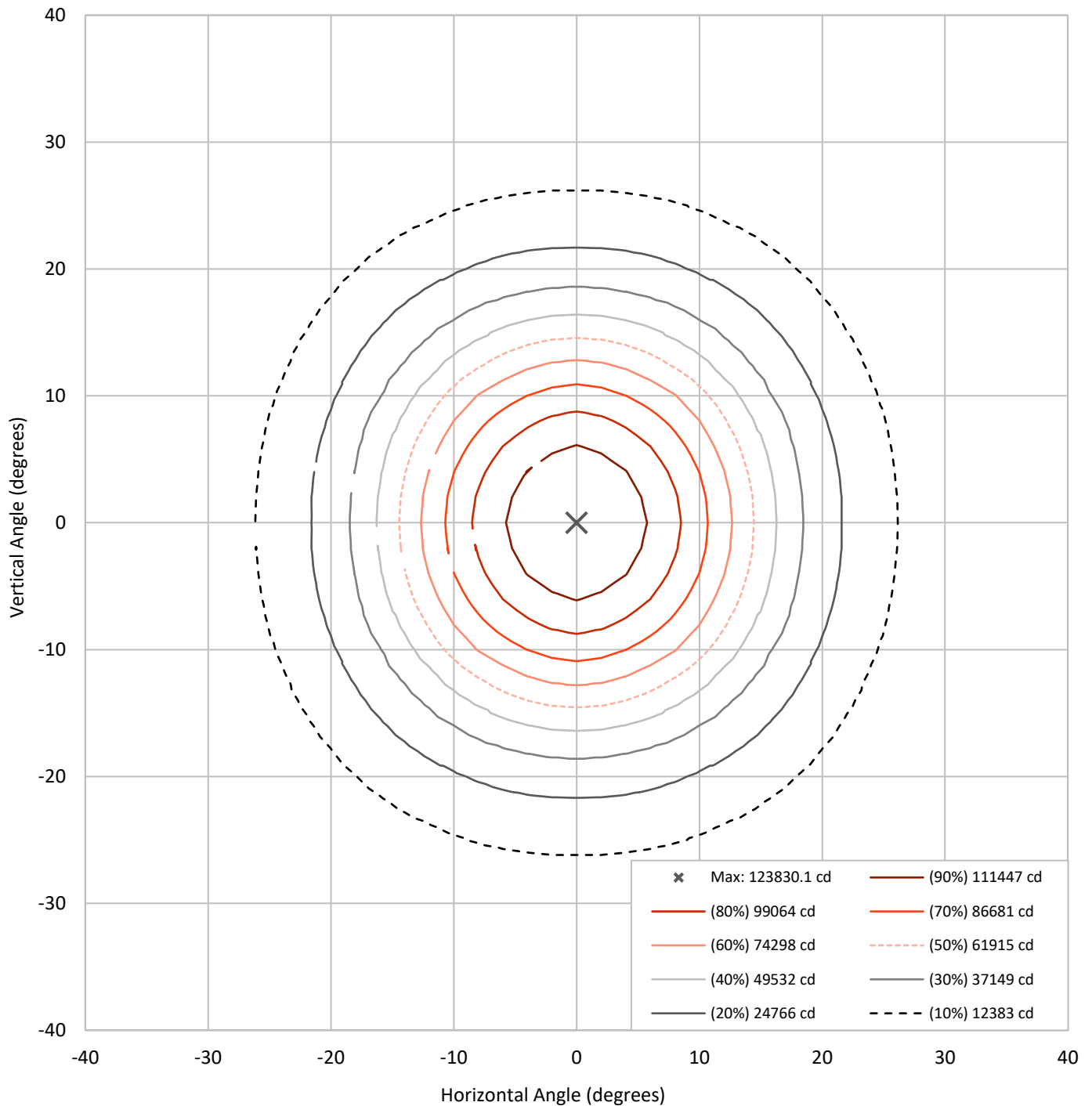
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	38688.8 lumens	Max Intensity:	123830.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	142.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	18810 lumens	Field Lumens:	31743.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	271.3		
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





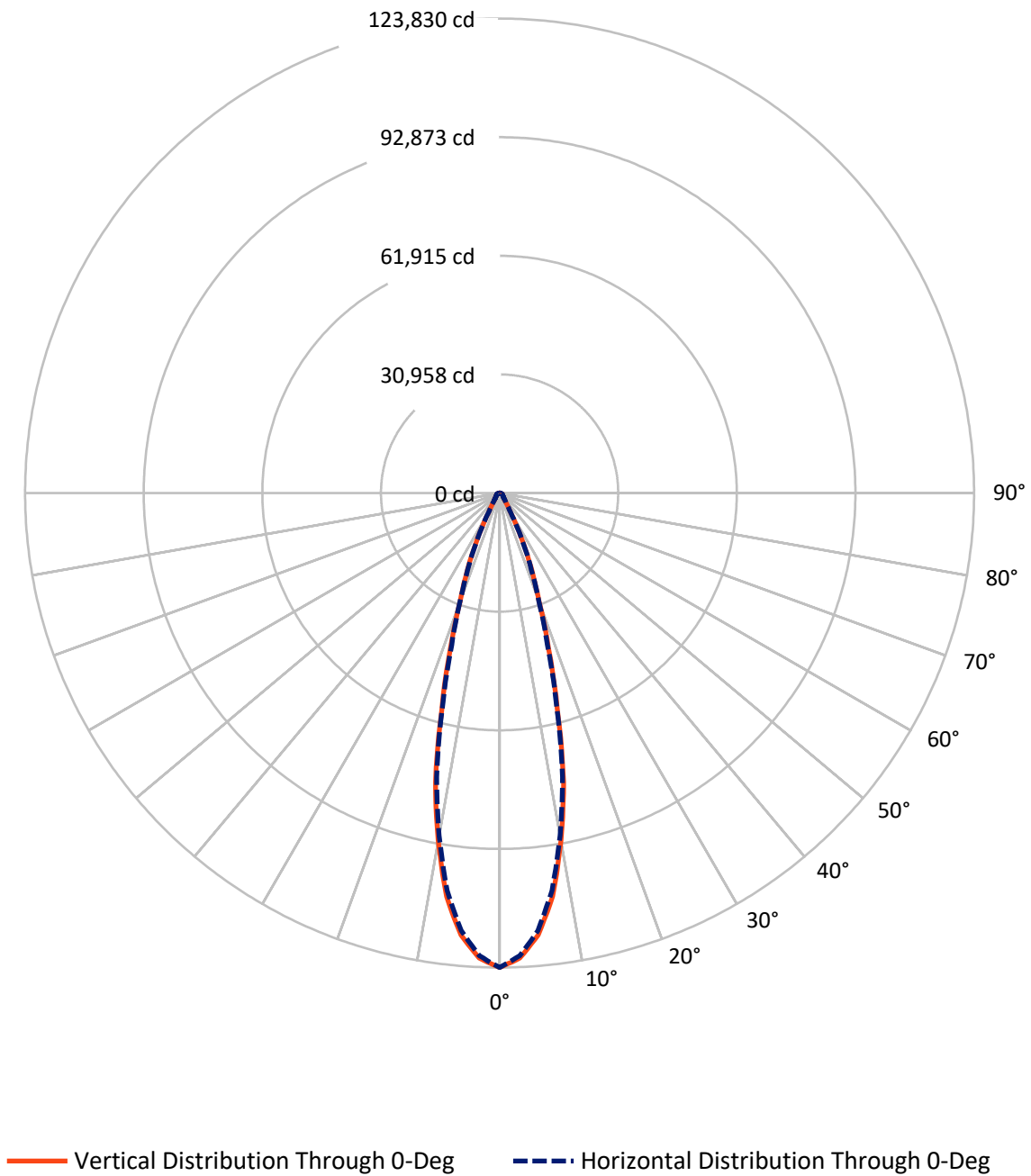
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### Lumen Table

90																
80	0.7	6.4		16.8		26.5		29.5		26.5		16.8		6.4	0.7	
70																
60	2.9	3.3	6.7	10.9	15.3	18.7	20.9	22.0	22.0	20.9	18.7	15.3	10.9	6.7	3.3	2.9
50		5.0	10.0	16.1	21.6	26.6	29.8	31.0	31.0	29.8	26.6	21.6	16.1	10.0	5.0	
40	5.1	6.4	12.8	19.9	26.5	33.5	39.4	42.3	42.3	39.4	33.5	26.5	19.9	12.8	6.4	5.1
30		7.5	15.0	23.0	32.5	46.3	67.1	87.1	87.1	67.1	46.3	32.5	23.0	15.0	7.5	
20	6.5	8.4	16.5	25.9	41.6	90.5	254.7	451.6	451.6	254.7	90.5	41.6	25.9	16.5	8.4	6.5
10		9.0	17.3	28.1	56.7	237.5	846.3	1621.7	1621.7	846.3	237.5	56.7	28.1	17.3	9.0	
0	7.0	9.3	17.6	29.6	72.0	409.9	1566.5	3081.2	3081.2	1566.5	409.9	72.0	29.6	17.6	9.3	7.0
-10		9.3	17.6	29.6	72.0	409.9	1566.5	3081.2	3081.2	1566.5	409.9	72.0	29.6	17.6	9.3	
-20	6.5	9.0	17.3	28.1	56.7	237.5	846.3	1621.7	1621.7	846.3	237.5	56.7	28.1	17.3	9.0	6.5
-30		8.4	16.5	25.9	41.6	90.5	254.7	451.6	451.6	254.7	90.5	41.6	25.9	16.5	8.4	
-40	5.1	7.5	15.0	23.0	32.5	46.3	67.1	87.1	87.1	67.1	46.3	32.5	23.0	15.0	7.5	5.1
-50		6.4	12.8	19.9	26.5	33.5	39.4	42.3	42.3	39.4	33.5	26.5	19.9	12.8	6.4	
-60	2.9	5.0	10.0	16.1	21.6	26.6	29.8	31.0	31.0	29.8	26.6	21.6	16.1	10.0	5.0	2.9
-70		3.3	6.7	10.9	15.3	18.7	20.9	22.0	22.0	20.9	18.7	15.3	10.9	6.7	3.3	
-80																
-90	0.7	6.4		16.8		26.5		29.5		26.5		16.8		6.4	0.7	
Horizontal Angle (degrees)																

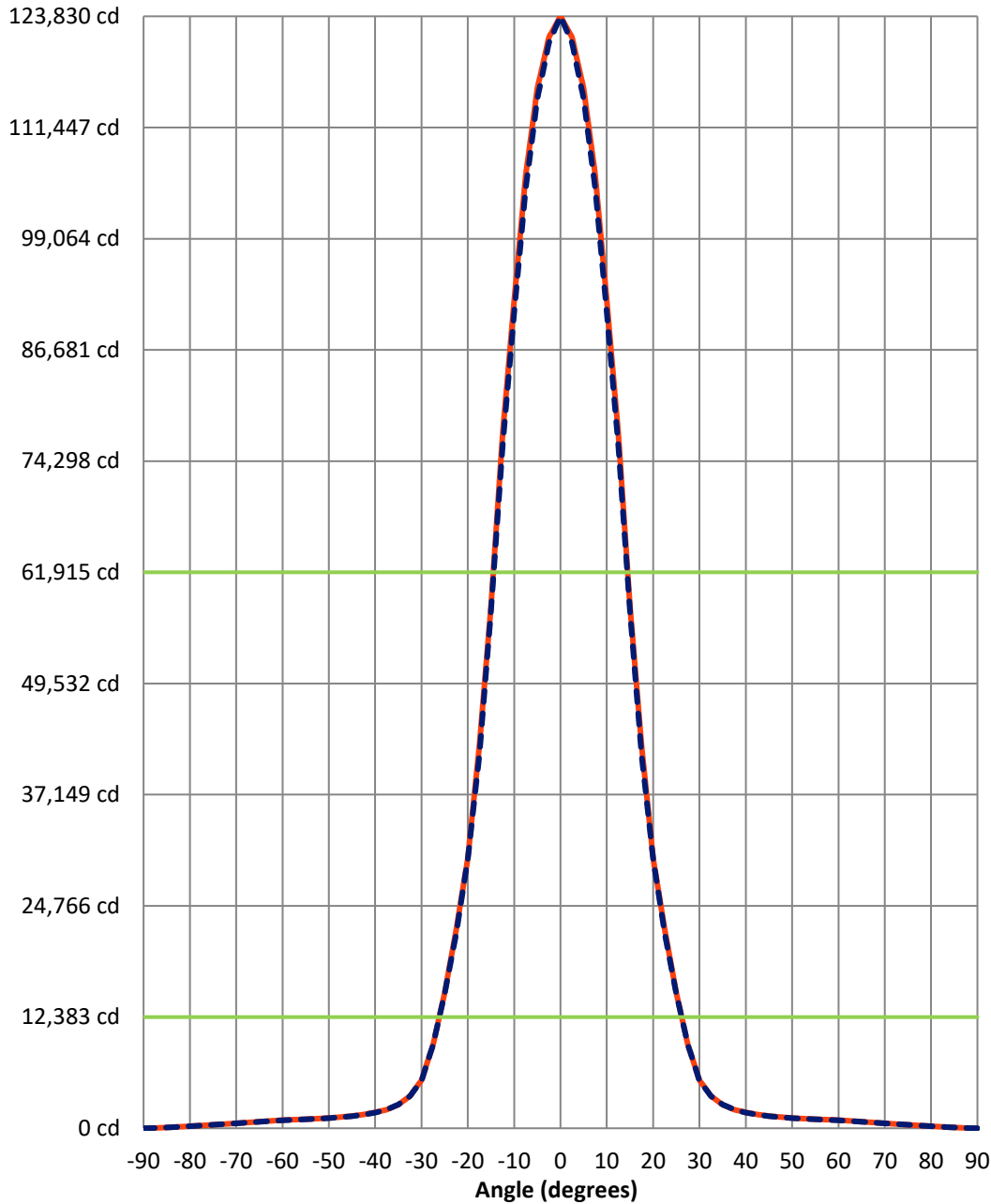
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 18810  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 31743.6  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 6945.3  
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	9.6	10.9	12.2	13.4
85°	0.0	2.8	5.5	8.3	11.0	13.7	16.4	19.1	21.7	24.3	26.9
82.5°	0.0	4.1	8.3	12.4	16.5	20.6	24.6	28.6	33.2	40.7	48.6
80°	0.0	5.5	11.0	16.5	22.0	27.4	33.5	43.1	53.3	64.0	75.1
77.5°	0.0	6.9	13.7	20.6	27.4	35.9	47.6	60.0	73.2	86.9	102.1
75°	0.0	8.2	16.4	24.6	33.5	47.6	61.6	76.7	93.1	112.4	131.4
72.5°	0.0	9.6	19.1	28.6	42.8	59.2	75.5	94.2	116.6	138.7	160.4
70°	0.0	10.9	21.7	33.1	51.9	70.6	89.6	114.5	139.7	164.6	191.6
67.5°	0.0	12.2	24.3	39.9	60.9	81.9	107.0	134.4	162.5	193.0	223.0
65°	0.0	13.4	26.9	46.5	69.8	94.5	124.0	154.1	187.4	220.9	254.6
62.5°	0.0	14.7	29.3	53.0	78.5	108.5	140.8	174.8	211.7	248.5	287.2
60°	0.0	15.9	31.8	59.4	87.0	122.1	157.2	195.7	235.6	276.5	318.8
57.5°	0.0	17.1	35.9	65.6	97.5	135.5	174.3	216.1	259.2	303.7	350.1
55°	0.0	18.2	39.9	71.7	107.9	148.4	191.1	235.9	282.2	330.1	380.8
52.5°	0.0	19.4	43.8	77.6	118.0	161.2	207.3	255.1	304.2	357.0	410.6
50°	0.0	20.4	47.6	83.2	127.7	174.0	222.8	273.7	325.8	382.9	438.2
47.5°	0.0	21.5	51.3	89.1	137.2	186.2	237.7	291.7	348.0	408.0	464.3
45°	0.0	22.5	54.8	95.9	146.2	197.9	252.4	308.9	369.5	430.1	488.9
42.5°	0.0	23.4	58.1	102.4	154.9	209.0	266.5	326.1	389.9	450.8	511.6
40°	0.0	24.4	61.3	108.5	163.2	219.5	279.9	342.8	408.5	470.3	533.1
37.5°	0.0	25.2	64.4	114.2	171.1	229.3	292.7	358.5	425.1	489.1	553.3
35°	0.0	26.0	67.3	119.5	178.6	239.0	304.7	373.1	440.7	506.7	572.3
32.5°	0.0	26.8	70.0	124.4	185.5	248.4	316.1	386.6	455.3	523.2	590.8
30°	0.0	27.5	72.5	128.9	191.9	257.1	326.9	398.8	468.8	538.6	608.0
27.5°	0.0	28.2	74.8	133.0	197.7	265.2	336.7	409.7	481.3	552.7	623.9
25°	0.0	28.8	77.0	136.7	203.0	272.5	345.6	419.5	492.7	565.6	638.4
22.5°	0.0	29.4	78.9	140.0	208.0	279.2	353.5	428.4	502.9	577.2	652.9
20°	0.0	29.9	80.7	142.8	212.5	284.9	360.4	436.3	511.9	587.5	665.8
17.5°	0.0	30.3	82.2	145.2	216.5	289.9	366.8	443.1	519.8	596.4	677.1
15°	0.0	30.7	83.6	147.3	220.1	294.0	372.5	449.5	526.5	604.0	686.6
12.5°	0.0	31.0	84.8	148.9	223.2	297.3	377.5	455.4	532.7	610.2	694.5
10°	0.0	31.3	85.7	150.1	225.8	299.7	381.7	460.3	538.3	617.7	701.8
7.5°	0.0	31.5	86.4	150.9	227.8	301.4	385.1	464.1	542.7	624.2	709.8
5°	0.0	31.7	87.0	151.3	229.3	302.4	387.5	466.8	545.9	629.6	716.1
2.5°	0.0	31.8	87.3	151.3	230.2	302.5	389.0	468.5	547.8	633.5	720.6
0°	0.0	31.8	87.4	151.0	230.5	302.0	389.5	469.0	548.4	635.9	723.3
-2.5°	0.0	31.8	87.3	151.3	230.2	302.5	389.0	468.5	547.8	633.5	720.6
-5°	0.0	31.7	87.0	151.3	229.3	302.4	387.5	466.8	545.9	629.6	716.1
-7.5°	0.0	31.5	86.4	150.9	227.8	301.4	385.1	464.1	542.7	624.2	709.8
-10°	0.0	31.3	85.7	150.1	225.8	299.7	381.7	460.3	538.3	617.7	701.8
-12.5°	0.0	31.0	84.8	148.9	223.2	297.3	377.5	455.4	532.7	610.2	694.5
-15°	0.0	30.7	83.6	147.3	220.1	294.0	372.5	449.5	526.5	604.0	686.6
-17.5°	0.0	30.3	82.2	145.2	216.5	289.9	366.8	443.1	519.8	596.4	677.1
-20°	0.0	29.9	80.7	142.8	212.5	284.9	360.4	436.3	511.9	587.5	665.8

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CATALOG NUMBER: GFLD-SA5D-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.4	78.9	140.0	208.0	279.2	353.5	428.4	502.9	577.2	652.9
-25°	0.0	28.8	77.0	136.7	203.0	272.5	345.6	419.5	492.7	565.6	638.4
-27.5°	0.0	28.2	74.8	133.0	197.7	265.2	336.7	409.7	481.3	552.7	623.9
-30°	0.0	27.5	72.5	128.9	191.9	257.1	326.9	398.8	468.8	538.6	608.0
-32.5°	0.0	26.8	70.0	124.4	185.5	248.4	316.1	386.6	455.3	523.2	590.8
-35°	0.0	26.0	67.3	119.5	178.6	239.0	304.7	373.1	440.7	506.7	572.3
-37.5°	0.0	25.2	64.4	114.2	171.1	229.3	292.7	358.5	425.1	489.1	553.3
-40°	0.0	24.4	61.3	108.5	163.2	219.5	279.9	342.8	408.5	470.3	533.1
-42.5°	0.0	23.4	58.1	102.4	154.9	209.0	266.5	326.1	389.9	450.8	511.6
-45°	0.0	22.5	54.8	95.9	146.2	197.9	252.4	308.9	369.5	430.1	488.9
-47.5°	0.0	21.5	51.3	89.1	137.2	186.2	237.7	291.7	348.0	408.0	464.3
-50°	0.0	20.4	47.6	83.2	127.7	174.0	222.8	273.7	325.8	382.9	438.2
-52.5°	0.0	19.4	43.8	77.6	118.0	161.2	207.3	255.1	304.2	357.0	410.6
-55°	0.0	18.2	39.9	71.7	107.9	148.4	191.1	235.9	282.2	330.1	380.8
-57.5°	0.0	17.1	35.9	65.6	97.5	135.5	174.3	216.1	259.2	303.7	350.1
-60°	0.0	15.9	31.8	59.4	87.0	122.1	157.2	195.7	235.6	276.5	318.8
-62.5°	0.0	14.7	29.3	53.0	78.5	108.5	140.8	174.8	211.7	248.5	287.2
-65°	0.0	13.4	26.9	46.5	69.8	94.5	124.0	154.1	187.4	220.9	254.6
-67.5°	0.0	12.2	24.3	39.9	60.9	81.9	107.0	134.4	162.5	193.0	223.0
-70°	0.0	10.9	21.7	33.1	51.9	70.6	89.6	114.5	139.7	164.6	191.6
-72.5°	0.0	9.6	19.1	28.6	42.8	59.2	75.5	94.2	116.6	138.7	160.4
-75°	0.0	8.2	16.4	24.6	33.5	47.6	61.6	76.7	93.1	112.4	131.4
-77.5°	0.0	6.9	13.7	20.6	27.4	35.9	47.6	60.0	73.2	86.9	102.1
-80°	0.0	5.5	11.0	16.5	22.0	27.4	33.5	43.1	53.3	64.0	75.1
-82.5°	0.0	4.1	8.3	12.4	16.5	20.6	24.6	28.6	33.2	40.7	48.6
-85°	0.0	2.8	5.5	8.3	11.0	13.7	16.4	19.1	21.7	24.3	26.9
-87.5°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	9.6	10.9	12.2	13.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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CATALOG NUMBER: GFLD-SA5D-735-U-MR-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°	14.7	15.9	17.1	18.2	19.4	20.4	21.5	22.5	23.4	24.4	25.2
85°	29.3	31.8	36.5	41.1	45.6	49.9	54.1	58.1	61.9	65.6	69.1
82.5°	56.1	63.4	70.5	77.4	84.1	90.6	96.9	102.9	108.7	114.2	119.4
80°	85.2	94.9	104.7	113.7	122.6	131.2	139.6	147.6	155.3	163.6	172.3
77.5°	116.0	128.4	139.7	150.1	161.3	174.8	187.9	200.5	212.5	224.0	234.9
75°	147.7	161.9	177.4	192.7	208.8	225.0	240.8	256.0	270.8	285.9	301.1
72.5°	181.1	200.4	219.1	237.3	257.4	277.2	295.3	311.8	330.5	351.1	370.0
70°	216.5	238.8	262.3	285.7	308.5	330.5	353.0	375.5	398.3	420.5	441.7
67.5°	252.1	280.0	307.3	333.8	359.7	386.1	412.7	440.0	466.3	491.4	515.9
65°	290.0	321.2	351.7	381.4	410.2	442.4	474.0	504.4	537.7	568.6	595.4
62.5°	326.9	361.8	395.5	429.1	464.2	499.8	536.3	574.6	614.3	642.8	667.5
60°	362.3	401.8	439.3	477.9	516.9	557.1	599.2	640.0	676.2	707.4	733.3
57.5°	397.0	441.1	482.8	524.6	567.3	613.0	659.2	700.9	734.7	764.8	793.2
55°	430.6	479.5	523.7	568.3	616.8	670.3	717.7	755.4	789.9	814.8	842.0
52.5°	462.5	514.8	561.2	611.0	666.6	722.1	769.3	805.8	834.8	860.6	887.1
50°	493.0	545.6	597.1	653.8	712.4	768.2	815.9	849.5	878.7	905.5	931.0
47.5°	520.7	575.4	633.5	694.1	755.5	810.5	856.3	890.5	920.7	948.3	976.4
45°	546.8	605.5	667.3	733.7	796.6	851.1	892.8	929.6	958.6	989.6	1024.8
42.5°	571.7	634.5	701.6	772.4	836.6	886.5	926.8	962.1	995.6	1032.9	1072.0
40°	596.2	661.6	734.2	808.6	874.0	917.2	957.6	995.0	1033.6	1075.9	1118.6
37.5°	619.1	689.4	764.7	842.3	901.5	946.4	988.1	1029.8	1073.1	1118.6	1171.8
35°	640.1	714.9	793.9	868.9	925.7	974.7	1019.4	1064.7	1113.1	1168.8	1227.4
32.5°	660.6	738.1	821.0	891.3	947.8	1000.1	1049.5	1100.7	1156.2	1217.4	1284.5
30°	680.6	760.8	844.7	914.3	967.5	1021.0	1079.0	1135.9	1197.7	1265.7	1344.4
27.5°	700.2	781.8	864.6	932.2	984.8	1039.3	1101.4	1170.6	1238.1	1312.6	1403.8
25°	718.0	803.5	884.2	946.5	999.7	1056.7	1121.6	1195.3	1274.7	1363.2	1474.9
22.5°	735.0	823.0	902.8	958.6	1012.1	1071.9	1141.8	1219.7	1306.0	1408.6	1545.1
20°	750.8	838.2	915.1	969.8	1022.3	1084.1	1159.2	1241.3	1339.8	1464.2	1627.4
17.5°	764.6	851.1	923.6	978.9	1033.1	1096.7	1174.0	1259.5	1370.3	1513.2	1706.4
15°	776.4	861.7	931.0	985.9	1042.2	1109.6	1189.3	1282.4	1403.7	1561.2	1774.5
12.5°	786.2	869.9	937.2	991.0	1049.3	1119.2	1202.3	1304.4	1437.0	1613.6	1866.5
10°	793.8	875.9	942.1	994.2	1054.4	1125.5	1212.4	1321.6	1464.0	1657.4	1945.3
7.5°	801.3	881.2	945.5	995.5	1057.3	1128.7	1219.5	1333.8	1483.8	1690.2	2008.1
5°	806.6	886.2	947.6	998.4	1059.1	1130.1	1224.3	1340.9	1496.1	1711.9	2052.5
2.5°	809.8	889.2	947.6	1000.7	1059.2	1130.7	1230.0	1344.8	1509.9	1730.2	2077.7
0°	810.8	890.2	945.9	1001.5	1057.2	1128.7	1232.0	1343.3	1518.2	1740.7	2082.5
-2.5°	809.8	889.2	947.6	1000.7	1059.2	1130.7	1230.0	1344.8	1509.9	1730.2	2077.7
-5°	806.6	886.2	947.6	998.4	1059.1	1130.1	1224.3	1340.9	1496.1	1711.9	2052.5
-7.5°	801.3	881.2	945.5	995.5	1057.3	1128.7	1219.5	1333.8	1483.8	1690.2	2008.1
-10°	793.8	875.9	942.1	994.2	1054.4	1125.5	1212.4	1321.6	1464.0	1657.4	1945.3
-12.5°	786.2	869.9	937.2	991.0	1049.3	1119.2	1202.3	1304.4	1437.0	1613.6	1866.5
-15°	776.4	861.7	931.0	985.9	1042.2	1109.6	1189.3	1282.4	1403.7	1561.2	1774.5
-17.5°	764.6	851.1	923.6	978.9	1033.1	1096.7	1174.0	1259.5	1370.3	1513.2	1706.4
-20°	750.8	838.2	915.1	969.8	1022.3	1084.1	1159.2	1241.3	1339.8	1464.2	1627.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	735.0	823.0	902.8	958.6	1012.1	1071.9	1141.8	1219.7	1306.0	1408.6	1545.1
-25°	718.0	803.5	884.2	946.5	999.7	1056.7	1121.6	1195.3	1274.7	1363.2	1474.9
-27.5°	700.2	781.8	864.6	932.2	984.8	1039.3	1101.4	1170.6	1238.1	1312.6	1403.8
-30°	680.6	760.8	844.7	914.3	967.5	1021.0	1079.0	1135.9	1197.7	1265.7	1344.4
-32.5°	660.6	738.1	821.0	891.3	947.8	1000.1	1049.5	1100.7	1156.2	1217.4	1284.5
-35°	640.1	714.9	793.9	868.9	925.7	974.7	1019.4	1064.7	1113.1	1168.8	1227.4
-37.5°	619.1	689.4	764.7	842.3	901.5	946.4	988.1	1029.8	1073.1	1118.6	1171.8
-40°	596.2	661.6	734.2	808.6	874.0	917.2	957.6	995.0	1033.6	1075.9	1118.6
-42.5°	571.7	634.5	701.6	772.4	836.6	886.5	926.8	962.1	995.6	1032.9	1072.0
-45°	546.8	605.5	667.3	733.7	796.6	851.1	892.8	929.6	958.6	989.6	1024.8
-47.5°	520.7	575.4	633.5	694.1	755.5	810.5	856.3	890.5	920.7	948.3	976.4
-50°	493.0	545.6	597.1	653.8	712.4	768.2	815.9	849.5	878.7	905.5	931.0
-52.5°	462.5	514.8	561.2	611.0	666.6	722.1	769.3	805.8	834.8	860.6	887.1
-55°	430.6	479.5	523.7	568.3	616.8	670.3	717.7	755.4	789.9	814.8	842.0
-57.5°	397.0	441.1	482.8	524.6	567.3	613.0	659.2	700.9	734.7	764.8	793.2
-60°	362.3	401.8	439.3	477.9	516.9	557.1	599.2	640.0	676.2	707.4	733.3
-62.5°	326.9	361.8	395.5	429.1	464.2	499.8	536.3	574.6	614.3	642.8	667.5
-65°	290.0	321.2	351.7	381.4	410.2	442.4	474.0	504.4	537.7	568.6	595.4
-67.5°	252.1	280.0	307.3	333.8	359.7	386.1	412.7	440.0	466.3	491.4	515.9
-70°	216.5	238.8	262.3	285.7	308.5	330.5	353.0	375.5	398.3	420.5	441.7
-72.5°	181.1	200.4	219.1	237.3	257.4	277.2	295.3	311.8	330.5	351.1	370.0
-75°	147.7	161.9	177.4	192.7	208.8	225.0	240.8	256.0	270.8	285.9	301.1
-77.5°	116.0	128.4	139.7	150.1	161.3	174.8	187.9	200.5	212.5	224.0	234.9
-80°	85.2	94.9	104.7	113.7	122.6	131.2	139.6	147.6	155.3	163.6	172.3
-82.5°	56.1	63.4	70.5	77.4	84.1	90.6	96.9	102.9	108.7	114.2	119.4
-85°	29.3	31.8	36.5	41.1	45.6	49.9	54.1	58.1	61.9	65.6	69.1
-87.5°	14.7	15.9	17.1	18.2	19.4	20.4	21.5	22.5	23.4	24.4	25.2
-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: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MR-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°	26.0	26.8	27.5	28.2	28.8	29.4	29.9	30.3	30.7	31.0	31.3
85°	72.4	75.4	78.3	81.0	83.5	84.1	84.2	84.1	83.6	84.8	85.7
82.5°	124.3	129.9	135.6	141.1	146.6	148.6	150.1	151.1	151.7	153.9	155.7
80°	180.6	189.4	197.5	204.8	211.3	216.0	220.2	224.0	227.6	229.2	230.0
77.5°	245.9	256.6	266.6	275.9	284.4	291.2	296.6	301.0	304.4	306.6	308.0
75°	316.1	329.7	341.7	352.9	363.2	370.4	375.3	379.0	381.5	384.2	386.3
72.5°	387.1	402.5	416.8	430.3	442.1	450.4	456.2	460.9	464.5	467.1	468.5
70°	461.8	480.2	496.0	509.5	520.1	528.1	534.3	539.4	543.2	545.9	547.3
67.5°	539.1	558.8	573.5	585.3	594.9	603.3	611.1	616.8	620.7	624.5	628.6
65°	617.9	637.9	653.0	665.5	675.6	686.5	696.5	703.9	708.8	713.4	717.9
62.5°	691.9	714.6	732.1	748.5	765.0	780.7	789.7	796.8	801.7	806.2	811.4
60°	759.2	784.9	806.3	826.1	846.4	866.8	875.1	881.7	887.9	893.7	898.9
57.5°	818.9	846.2	872.3	891.9	911.3	930.3	943.4	950.6	955.4	958.1	960.3
55°	871.0	898.2	924.2	946.8	967.8	987.3	1001.9	1009.0	1014.2	1017.6	1019.6
52.5°	917.5	946.7	974.6	999.6	1022.3	1043.3	1061.5	1071.2	1079.1	1084.7	1086.4
50°	963.3	994.9	1025.0	1051.8	1078.1	1103.3	1126.5	1139.9	1149.4	1155.2	1157.0
47.5°	1011.0	1045.3	1077.9	1109.0	1138.9	1168.8	1196.3	1214.6	1228.2	1238.2	1245.4
45°	1060.8	1097.6	1133.6	1170.4	1204.9	1243.3	1278.1	1304.8	1324.6	1341.7	1355.3
42.5°	1110.8	1152.2	1193.6	1240.9	1287.9	1331.7	1373.2	1408.6	1440.9	1472.5	1497.1
40°	1165.2	1210.6	1267.2	1323.2	1381.2	1432.2	1492.6	1546.8	1596.5	1650.0	1694.4
37.5°	1224.7	1283.1	1350.0	1417.1	1492.6	1565.9	1650.3	1733.4	1805.7	1899.6	1975.0
35°	1289.6	1363.4	1442.4	1532.6	1630.0	1744.8	1863.0	2001.5	2119.1	2268.4	2406.2
32.5°	1361.7	1448.6	1551.2	1675.1	1806.5	1991.0	2164.0	2398.9	2599.7	2858.7	3141.7
30°	1435.1	1547.4	1687.0	1847.0	2069.2	2331.0	2636.3	3033.4	3462.9	3907.3	4505.5
27.5°	1522.1	1667.9	1842.2	2089.2	2421.7	2784.1	3406.1	4077.6	5013.0	5753.6	7072.6
25°	1615.9	1796.3	2053.8	2411.8	2871.2	3604.8	4654.5	5870.1	7742.0	9407.0	11320.5
22.5°	1726.9	1971.9	2312.8	2781.8	3582.6	4844.5	6483.1	8979.3	11754.3	14493.1	16996.4
20°	1844.4	2140.4	2617.1	3380.9	4618.7	6443.4	9366.8	12933.7	16617.7	20371.1	23534.1
17.5°	1981.6	2383.6	3011.6	4026.1	5791.9	8916.0	12820.7	17356.3	22169.2	26958.7	31118.9
15°	2099.6	2596.2	3441.9	4961.3	7594.7	11502.2	16301.4	22029.7	28082.0	34297.7	41034.5
12.5°	2250.1	2852.5	3885.2	5734.6	9194.2	14273.1	20145.2	26795.9	34186.7	42439.6	52942.1
10°	2388.1	3121.2	4468.4	6973.6	11116.8	16861.4	23465.5	31011.0	40597.4	52999.5	65667.9
7.5°	2498.7	3334.3	4920.6	7940.4	12729.2	19072.5	26455.2	35501.7	47461.5	62229.7	76704.2
5°	2575.7	3482.1	5244.3	8670.9	14026.3	20762.3	28576.7	38812.2	53247.3	69785.0	84564.4
2.5°	2624.0	3562.9	5402.6	9104.6	14872.2	21779.3	29900.4	40916.0	56793.4	74594.5	89558.2
0°	2646.9	3576.8	5301.7	9315.7	14990.9	21707.4	30021.6	41618.5	57634.8	75900.5	90804.0
-2.5°	2624.0	3562.9	5402.6	9104.6	14872.2	21779.3	29900.4	40916.0	56793.4	74594.5	89558.2
-5°	2575.7	3482.1	5244.3	8670.9	14026.3	20762.3	28576.7	38812.2	53247.3	69785.0	84564.4
-7.5°	2498.7	3334.3	4920.6	7940.4	12729.2	19072.5	26455.2	35501.7	47461.5	62229.7	76704.2
-10°	2388.1	3121.2	4468.4	6973.6	11116.8	16861.4	23465.5	31011.0	40597.4	52999.5	65667.9
-12.5°	2250.1	2852.5	3885.2	5734.6	9194.2	14273.1	20145.2	26795.9	34186.7	42439.6	52942.1
-15°	2099.6	2596.2	3441.9	4961.3	7594.7	11502.2	16301.4	22029.7	28082.0	34297.7	41034.5
-17.5°	1981.6	2383.6	3011.6	4026.1	5791.9	8916.0	12820.7	17356.3	22169.2	26958.7	31118.9
-20°	1844.4	2140.4	2617.1	3380.9	4618.7	6443.4	9366.8	12933.7	16617.7	20371.1	23534.1

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1726.9	1971.9	2312.8	2781.8	3582.6	4844.5	6483.1	8979.3	11754.3	14493.1	16996.4
-25°	1615.9	1796.3	2053.8	2411.8	2871.2	3604.8	4654.5	5870.1	7742.0	9407.0	11320.5
-27.5°	1522.1	1667.9	1842.2	2089.2	2421.7	2784.1	3406.1	4077.6	5013.0	5753.6	7072.6
-30°	1435.1	1547.4	1687.0	1847.0	2069.2	2331.0	2636.3	3033.4	3462.9	3907.3	4505.5
-32.5°	1361.7	1448.6	1551.2	1675.1	1806.5	1991.0	2164.0	2398.9	2599.7	2858.7	3141.7
-35°	1289.6	1363.4	1442.4	1532.6	1630.0	1744.8	1863.0	2001.5	2119.1	2268.4	2406.2
-37.5°	1224.7	1283.1	1350.0	1417.1	1492.6	1565.9	1650.3	1733.4	1805.7	1899.6	1975.0
-40°	1165.2	1210.6	1267.2	1323.2	1381.2	1432.2	1492.6	1546.8	1596.5	1650.0	1694.4
-42.5°	1110.8	1152.2	1193.6	1240.9	1287.9	1331.7	1373.2	1408.6	1440.9	1472.5	1497.1
-45°	1060.8	1097.6	1133.6	1170.4	1204.9	1243.3	1278.1	1304.8	1324.6	1341.7	1355.3
-47.5°	1011.0	1045.3	1077.9	1109.0	1138.9	1168.8	1196.3	1214.6	1228.2	1238.2	1245.4
-50°	963.3	994.9	1025.0	1051.8	1078.1	1103.3	1126.5	1139.9	1149.4	1155.2	1157.0
-52.5°	917.5	946.7	974.6	999.6	1022.3	1043.3	1061.5	1071.2	1079.1	1084.7	1086.4
-55°	871.0	898.2	924.2	946.8	967.8	987.3	1001.9	1009.0	1014.2	1017.6	1019.6
-57.5°	818.9	846.2	872.3	891.9	911.3	930.3	943.4	950.6	955.4	958.1	960.3
-60°	759.2	784.9	806.3	826.1	846.4	866.8	875.1	881.7	887.9	893.7	898.9
-62.5°	691.9	714.6	732.1	748.5	765.0	780.7	789.7	796.8	801.7	806.2	811.4
-65°	617.9	637.9	653.0	665.5	675.6	686.5	696.5	703.9	708.8	713.4	717.9
-67.5°	539.1	558.8	573.5	585.3	594.9	603.3	611.1	616.8	620.7	624.5	628.6
-70°	461.8	480.2	496.0	509.5	520.1	528.1	534.3	539.4	543.2	545.9	547.3
-72.5°	387.1	402.5	416.8	430.3	442.1	450.4	456.2	460.9	464.5	467.1	468.5
-75°	316.1	329.7	341.7	352.9	363.2	370.4	375.3	379.0	381.5	384.2	386.3
-77.5°	245.9	256.6	266.6	275.9	284.4	291.2	296.6	301.0	304.4	306.6	308.0
-80°	180.6	189.4	197.5	204.8	211.3	216.0	220.2	224.0	227.6	229.2	230.0
-82.5°	124.3	129.9	135.6	141.1	146.6	148.6	150.1	151.1	151.7	153.9	155.7
-85°	72.4	75.4	78.3	81.0	83.5	84.1	84.2	84.1	83.6	84.8	85.7
-87.5°	26.0	26.8	27.5	28.2	28.8	29.4	29.9	30.3	30.7	31.0	31.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-U-MR-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°	31.5	31.7	31.8	31.8	31.8	31.7	31.5	31.3	31.0	30.7	30.3
85°	86.4	87.0	87.3	87.4	87.3	87.0	86.4	85.7	84.8	83.6	84.1
82.5°	157.2	158.2	158.8	159.0	158.8	158.2	157.2	155.7	153.9	151.7	151.1
80°	230.0	229.5	230.2	230.5	230.2	229.5	230.0	230.0	229.2	227.6	224.0
77.5°	308.7	308.6	309.6	310.0	309.6	308.6	308.7	308.0	306.6	304.4	301.0
75°	387.5	387.8	389.0	389.5	389.0	387.8	387.5	386.3	384.2	381.5	379.0
72.5°	468.5	467.2	468.5	469.0	468.5	467.2	468.5	468.5	467.1	464.5	460.9
70°	547.5	546.4	551.5	556.4	551.5	546.4	547.5	547.3	545.9	543.2	539.4
67.5°	631.5	633.1	638.7	643.8	638.7	633.1	631.5	628.6	624.5	620.7	616.8
65°	720.3	720.5	726.0	731.3	726.0	720.5	720.3	717.9	713.4	708.8	703.9
62.5°	814.4	815.4	821.1	826.6	821.1	815.4	814.4	811.4	806.2	801.7	796.8
60°	902.0	902.9	905.0	906.1	905.0	902.9	902.0	898.9	893.7	887.9	881.7
57.5°	961.0	960.2	961.0	961.8	961.0	960.2	961.0	960.3	958.1	955.4	950.6
55°	1019.2	1016.6	1013.5	1009.5	1013.5	1016.6	1019.2	1019.6	1017.6	1014.2	1009.0
52.5°	1085.0	1080.8	1077.0	1073.1	1077.0	1080.8	1085.0	1086.4	1084.7	1079.1	1071.2
50°	1155.9	1152.1	1148.4	1144.6	1148.4	1152.1	1155.9	1157.0	1155.2	1149.4	1139.9
47.5°	1250.3	1252.0	1251.3	1247.9	1251.3	1252.0	1250.3	1245.4	1238.2	1228.2	1214.6
45°	1365.0	1369.6	1370.2	1367.1	1370.2	1369.6	1365.0	1355.3	1341.7	1324.6	1304.8
42.5°	1514.6	1524.7	1530.3	1534.1	1530.3	1524.7	1514.6	1497.1	1472.5	1440.9	1408.6
40°	1726.7	1747.3	1760.3	1772.5	1760.3	1747.3	1726.7	1694.4	1650.0	1596.5	1546.8
37.5°	2030.9	2068.2	2084.8	2074.6	2084.8	2068.2	2030.9	1975.0	1899.6	1805.7	1733.4
35°	2512.3	2583.2	2620.0	2623.0	2620.0	2583.2	2512.3	2406.2	2268.4	2119.1	2001.5
32.5°	3350.8	3495.8	3573.8	3584.8	3573.8	3495.8	3350.8	3141.7	2858.7	2599.7	2398.9
30°	4963.5	5259.3	5398.2	5365.3	5398.2	5259.3	4963.5	4505.5	3907.3	3462.9	3033.4
27.5°	8098.0	8835.7	9272.9	9307.7	9272.9	8835.7	8098.0	7072.6	5753.6	5013.0	4077.6
25°	13015.3	14274.8	15081.3	15094.3	15081.3	14274.8	13015.3	11320.5	9407.0	7742.0	5870.1
22.5°	19311.0	21030.3	21972.2	22136.7	21972.2	21030.3	19311.0	16996.4	14493.1	11754.3	8979.3
20°	26604.9	28892.0	30115.5	30117.0	30115.5	28892.0	26604.9	23534.1	20371.1	16617.7	12933.7
17.5°	35587.7	39301.2	41632.4	42635.9	41632.4	39301.2	35587.7	31118.9	26958.7	22169.2	17356.3
15°	47521.4	53761.9	57501.4	58175.3	57501.4	53761.9	47521.4	41034.5	34297.7	28082.0	22029.7
12.5°	62052.0	69949.5	75258.4	77204.1	75258.4	69949.5	62052.0	52942.1	42439.6	34186.7	26795.9
10°	77223.2	84540.8	90228.1	92139.4	90228.1	84540.8	77223.2	65667.9	52999.5	40597.4	31011.0
7.5°	88183.2	96909.1	103315.5	106128.8	103315.5	96909.1	88183.2	76704.2	62229.7	47461.5	35501.7
5°	96835.1	107160.0	113123.6	115770.3	113123.6	107160.0	96835.1	84564.4	69785.0	53247.3	38812.2
2.5°	102511.8	112713.7	119028.9	121469.4	119028.9	112713.7	102511.8	89558.2	74594.5	56793.4	40916.0
0°	104634.4	114609.8	120849.4	123830.1	120849.4	114609.8	104634.4	90804.0	75900.5	57634.8	41618.5
-2.5°	102511.8	112713.7	119028.9	121469.4	119028.9	112713.7	102511.8	89558.2	74594.5	56793.4	40916.0
-5°	96835.1	107160.0	113123.6	115770.3	113123.6	107160.0	96835.1	84564.4	69785.0	53247.3	38812.2
-7.5°	88183.2	96909.1	103315.5	106128.8	103315.5	96909.1	88183.2	76704.2	62229.7	47461.5	35501.7
-10°	77223.2	84540.8	90228.1	92139.4	90228.1	84540.8	77223.2	65667.9	52999.5	40597.4	31011.0
-12.5°	62052.0	69949.5	75258.4	77204.1	75258.4	69949.5	62052.0	52942.1	42439.6	34186.7	26795.9
-15°	47521.4	53761.9	57501.4	58175.3	57501.4	53761.9	47521.4	41034.5	34297.7	28082.0	22029.7
-17.5°	35587.7	39301.2	41632.4	42635.9	41632.4	39301.2	35587.7	31118.9	26958.7	22169.2	17356.3
-20°	26604.9	28892.0	30115.5	30117.0	30115.5	28892.0	26604.9	23534.1	20371.1	16617.7	12933.7



REPORT NUMBER: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19311.0	21030.3	21972.2	22136.7	21972.2	21030.3	19311.0	16996.4	14493.1	11754.3	8979.3
-25°	13015.3	14274.8	15081.3	15094.3	15081.3	14274.8	13015.3	11320.5	9407.0	7742.0	5870.1
-27.5°	8098.0	8835.7	9272.9	9307.7	9272.9	8835.7	8098.0	7072.6	5753.6	5013.0	4077.6
-30°	4963.5	5259.3	5398.2	5365.3	5398.2	5259.3	4963.5	4505.5	3907.3	3462.9	3033.4
-32.5°	3350.8	3495.8	3573.8	3584.8	3573.8	3495.8	3350.8	3141.7	2858.7	2599.7	2398.9
-35°	2512.3	2583.2	2620.0	2623.0	2620.0	2583.2	2512.3	2406.2	2268.4	2119.1	2001.5
-37.5°	2030.9	2068.2	2084.8	2074.6	2084.8	2068.2	2030.9	1975.0	1899.6	1805.7	1733.4
-40°	1726.7	1747.3	1760.3	1772.5	1760.3	1747.3	1726.7	1694.4	1650.0	1596.5	1546.8
-42.5°	1514.6	1524.7	1530.3	1534.1	1530.3	1524.7	1514.6	1497.1	1472.5	1440.9	1408.6
-45°	1365.0	1369.6	1370.2	1367.1	1370.2	1369.6	1365.0	1355.3	1341.7	1324.6	1304.8
-47.5°	1250.3	1252.0	1251.3	1247.9	1251.3	1252.0	1250.3	1245.4	1238.2	1228.2	1214.6
-50°	1155.9	1152.1	1148.4	1144.6	1148.4	1152.1	1155.9	1157.0	1155.2	1149.4	1139.9
-52.5°	1085.0	1080.8	1077.0	1073.1	1077.0	1080.8	1085.0	1086.4	1084.7	1079.1	1071.2
-55°	1019.2	1016.6	1013.5	1009.5	1013.5	1016.6	1019.2	1019.6	1017.6	1014.2	1009.0
-57.5°	961.0	960.2	961.0	961.8	961.0	960.2	961.0	960.3	958.1	955.4	950.6
-60°	902.0	902.9	905.0	906.1	905.0	902.9	902.0	898.9	893.7	887.9	881.7
-62.5°	814.4	815.4	821.1	826.6	821.1	815.4	814.4	811.4	806.2	801.7	796.8
-65°	720.3	720.5	726.0	731.3	726.0	720.5	720.3	717.9	713.4	708.8	703.9
-67.5°	631.5	633.1	638.7	643.8	638.7	633.1	631.5	628.6	624.5	620.7	616.8
-70°	547.5	546.4	551.5	556.4	551.5	546.4	547.5	547.3	545.9	543.2	539.4
-72.5°	468.5	467.2	468.5	469.0	468.5	467.2	468.5	468.5	467.1	464.5	460.9
-75°	387.5	387.8	389.0	389.5	389.0	387.8	387.5	386.3	384.2	381.5	379.0
-77.5°	308.7	308.6	309.6	310.0	309.6	308.6	308.7	308.0	306.6	304.4	301.0
-80°	230.0	229.5	230.2	230.5	230.2	229.5	230.0	230.0	229.2	227.6	224.0
-82.5°	157.2	158.2	158.8	159.0	158.8	158.2	157.2	155.7	153.9	151.7	151.1
-85°	86.4	87.0	87.3	87.4	87.3	87.0	86.4	85.7	84.8	83.6	84.1
-87.5°	31.5	31.7	31.8	31.8	31.8	31.7	31.5	31.3	31.0	30.7	30.3
-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-SA5D-735-U-MR-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°	29.9	29.4	28.8	28.2	27.5	26.8	26.0	25.2	24.4	23.4	22.5
85°	84.2	84.1	83.5	81.0	78.3	75.4	72.4	69.1	65.6	61.9	58.1
82.5°	150.1	148.6	146.6	141.1	135.6	129.9	124.3	119.4	114.2	108.7	102.9
80°	220.2	216.0	211.3	204.8	197.5	189.4	180.6	172.3	163.6	155.3	147.6
77.5°	296.6	291.2	284.4	275.9	266.6	256.6	245.9	234.9	224.0	212.5	200.5
75°	375.3	370.4	363.2	352.9	341.7	329.7	316.1	301.1	285.9	270.8	256.0
72.5°	456.2	450.4	442.1	430.3	416.8	402.5	387.1	370.0	351.1	330.5	311.8
70°	534.3	528.1	520.1	509.5	496.0	480.2	461.8	441.7	420.5	398.3	375.5
67.5°	611.1	603.3	594.9	585.3	573.5	558.8	539.1	515.9	491.4	466.3	440.0
65°	696.5	686.5	675.6	665.5	653.0	637.9	617.9	595.4	568.6	537.7	504.4
62.5°	789.7	780.7	765.0	748.5	732.1	714.6	691.9	667.5	642.8	614.3	574.6
60°	875.1	866.8	846.4	826.1	806.3	784.9	759.2	733.3	707.4	676.2	640.0
57.5°	943.4	930.3	911.3	891.9	872.3	846.2	818.9	793.2	764.8	734.7	700.9
55°	1001.9	987.3	967.8	946.8	924.2	898.2	871.0	842.0	814.8	789.9	755.4
52.5°	1061.5	1043.3	1022.3	999.6	974.6	946.7	917.5	887.1	860.6	834.8	805.8
50°	1126.5	1103.3	1078.1	1051.8	1025.0	994.9	963.3	931.0	905.5	878.7	849.5
47.5°	1196.3	1168.8	1138.9	1109.0	1077.9	1045.3	1011.0	976.4	948.3	920.7	890.5
45°	1278.1	1243.3	1204.9	1170.4	1133.6	1097.6	1060.8	1024.8	989.6	958.6	929.6
42.5°	1373.2	1331.7	1287.9	1240.9	1193.6	1152.2	1110.8	1072.0	1032.9	995.6	962.1
40°	1492.6	1432.2	1381.2	1323.2	1267.2	1210.6	1165.2	1118.6	1075.9	1033.6	995.0
37.5°	1650.3	1565.9	1492.6	1417.1	1350.0	1283.1	1224.7	1171.8	1118.6	1073.1	1029.8
35°	1863.0	1744.8	1630.0	1532.6	1442.4	1363.4	1289.6	1227.4	1168.8	1113.1	1064.7
32.5°	2164.0	1991.0	1806.5	1675.1	1551.2	1448.6	1361.7	1284.5	1217.4	1156.2	1100.7
30°	2636.3	2331.0	2069.2	1847.0	1687.0	1547.4	1435.1	1344.4	1265.7	1197.7	1135.9
27.5°	3406.1	2784.1	2421.7	2089.2	1842.2	1667.9	1522.1	1403.8	1312.6	1238.1	1170.6
25°	4654.5	3604.8	2871.2	2411.8	2053.8	1796.3	1615.9	1474.9	1363.2	1274.7	1195.3
22.5°	6483.1	4844.5	3582.6	2781.8	2312.8	1971.9	1726.9	1545.1	1408.6	1306.0	1219.7
20°	9366.8	6443.4	4618.7	3380.9	2617.1	2140.4	1844.4	1627.4	1464.2	1339.8	1241.3
17.5°	12820.7	8916.0	5791.9	4026.1	3011.6	2383.6	1981.6	1706.4	1513.2	1370.3	1259.5
15°	16301.4	11502.2	7594.7	4961.3	3441.9	2596.2	2099.6	1774.5	1561.2	1403.7	1282.4
12.5°	20145.2	14273.1	9194.2	5734.6	3885.2	2852.5	2250.1	1866.5	1613.6	1437.0	1304.4
10°	23465.5	16861.4	11116.8	6973.6	4468.4	3121.2	2388.1	1945.3	1657.4	1464.0	1321.6
7.5°	26455.2	19072.5	12729.2	7940.4	4920.6	3334.3	2498.7	2008.1	1690.2	1483.8	1333.8
5°	28576.7	20762.3	14026.3	8670.9	5244.3	3482.1	2575.7	2052.5	1711.9	1496.1	1340.9
2.5°	29900.4	21779.3	14872.2	9104.6	5402.6	3562.9	2624.0	2077.7	1730.2	1509.9	1344.8
0°	30021.6	21707.4	14990.9	9315.7	5301.7	3576.8	2646.9	2082.5	1740.7	1518.2	1343.3
-2.5°	29900.4	21779.3	14872.2	9104.6	5402.6	3562.9	2624.0	2077.7	1730.2	1509.9	1344.8
-5°	28576.7	20762.3	14026.3	8670.9	5244.3	3482.1	2575.7	2052.5	1711.9	1496.1	1340.9
-7.5°	26455.2	19072.5	12729.2	7940.4	4920.6	3334.3	2498.7	2008.1	1690.2	1483.8	1333.8
-10°	23465.5	16861.4	11116.8	6973.6	4468.4	3121.2	2388.1	1945.3	1657.4	1464.0	1321.6
-12.5°	20145.2	14273.1	9194.2	5734.6	3885.2	2852.5	2250.1	1866.5	1613.6	1437.0	1304.4
-15°	16301.4	11502.2	7594.7	4961.3	3441.9	2596.2	2099.6	1774.5	1561.2	1403.7	1282.4
-17.5°	12820.7	8916.0	5791.9	4026.1	3011.6	2383.6	1981.6	1706.4	1513.2	1370.3	1259.5
-20°	9366.8	6443.4	4618.7	3380.9	2617.1	2140.4	1844.4	1627.4	1464.2	1339.8	1241.3



REPORT NUMBER: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6483.1	4844.5	3582.6	2781.8	2312.8	1971.9	1726.9	1545.1	1408.6	1306.0	1219.7
-25°	4654.5	3604.8	2871.2	2411.8	2053.8	1796.3	1615.9	1474.9	1363.2	1274.7	1195.3
-27.5°	3406.1	2784.1	2421.7	2089.2	1842.2	1667.9	1522.1	1403.8	1312.6	1238.1	1170.6
-30°	2636.3	2331.0	2069.2	1847.0	1687.0	1547.4	1435.1	1344.4	1265.7	1197.7	1135.9
-32.5°	2164.0	1991.0	1806.5	1675.1	1551.2	1448.6	1361.7	1284.5	1217.4	1156.2	1100.7
-35°	1863.0	1744.8	1630.0	1532.6	1442.4	1363.4	1289.6	1227.4	1168.8	1113.1	1064.7
-37.5°	1650.3	1565.9	1492.6	1417.1	1350.0	1283.1	1224.7	1171.8	1118.6	1073.1	1029.8
-40°	1492.6	1432.2	1381.2	1323.2	1267.2	1210.6	1165.2	1118.6	1075.9	1033.6	995.0
-42.5°	1373.2	1331.7	1287.9	1240.9	1193.6	1152.2	1110.8	1072.0	1032.9	995.6	962.1
-45°	1278.1	1243.3	1204.9	1170.4	1133.6	1097.6	1060.8	1024.8	989.6	958.6	929.6
-47.5°	1196.3	1168.8	1138.9	1109.0	1077.9	1045.3	1011.0	976.4	948.3	920.7	890.5
-50°	1126.5	1103.3	1078.1	1051.8	1025.0	994.9	963.3	931.0	905.5	878.7	849.5
-52.5°	1061.5	1043.3	1022.3	999.6	974.6	946.7	917.5	887.1	860.6	834.8	805.8
-55°	1001.9	987.3	967.8	946.8	924.2	898.2	871.0	842.0	814.8	789.9	755.4
-57.5°	943.4	930.3	911.3	891.9	872.3	846.2	818.9	793.2	764.8	734.7	700.9
-60°	875.1	866.8	846.4	826.1	806.3	784.9	759.2	733.3	707.4	676.2	640.0
-62.5°	789.7	780.7	765.0	748.5	732.1	714.6	691.9	667.5	642.8	614.3	574.6
-65°	696.5	686.5	675.6	665.5	653.0	637.9	617.9	595.4	568.6	537.7	504.4
-67.5°	611.1	603.3	594.9	585.3	573.5	558.8	539.1	515.9	491.4	466.3	440.0
-70°	534.3	528.1	520.1	509.5	496.0	480.2	461.8	441.7	420.5	398.3	375.5
-72.5°	456.2	450.4	442.1	430.3	416.8	402.5	387.1	370.0	351.1	330.5	311.8
-75°	375.3	370.4	363.2	352.9	341.7	329.7	316.1	301.1	285.9	270.8	256.0
-77.5°	296.6	291.2	284.4	275.9	266.6	256.6	245.9	234.9	224.0	212.5	200.5
-80°	220.2	216.0	211.3	204.8	197.5	189.4	180.6	172.3	163.6	155.3	147.6
-82.5°	150.1	148.6	146.6	141.1	135.6	129.9	124.3	119.4	114.2	108.7	102.9
-85°	84.2	84.1	83.5	81.0	78.3	75.4	72.4	69.1	65.6	61.9	58.1
-87.5°	29.9	29.4	28.8	28.2	27.5	26.8	26.0	25.2	24.4	23.4	22.5
-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: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-U-MR-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°	21.5	20.4	19.4	18.2	17.1	15.9	14.7	13.4	12.2	10.9	9.6
85°	54.1	49.9	45.6	41.1	36.5	31.8	29.3	26.9	24.3	21.7	19.1
82.5°	96.9	90.6	84.1	77.4	70.5	63.4	56.1	48.6	40.7	33.2	28.6
80°	139.6	131.2	122.6	113.7	104.7	94.9	85.2	75.1	64.0	53.3	43.1
77.5°	187.9	174.8	161.3	150.1	139.7	128.4	116.0	102.1	86.9	73.2	60.0
75°	240.8	225.0	208.8	192.7	177.4	161.9	147.7	131.4	112.4	93.1	76.7
72.5°	295.3	277.2	257.4	237.3	219.1	200.4	181.1	160.4	138.7	116.6	94.2
70°	353.0	330.5	308.5	285.7	262.3	238.8	216.5	191.6	164.6	139.7	114.5
67.5°	412.7	386.1	359.7	333.8	307.3	280.0	252.1	223.0	193.0	162.5	134.4
65°	474.0	442.4	410.2	381.4	351.7	321.2	290.0	254.6	220.9	187.4	154.1
62.5°	536.3	499.8	464.2	429.1	395.5	361.8	326.9	287.2	248.5	211.7	174.8
60°	599.2	557.1	516.9	477.9	439.3	401.8	362.3	318.8	276.5	235.6	195.7
57.5°	659.2	613.0	567.3	524.6	482.8	441.1	397.0	350.1	303.7	259.2	216.1
55°	717.7	670.3	616.8	568.3	523.7	479.5	430.6	380.8	330.1	282.2	235.9
52.5°	769.3	722.1	666.6	611.0	561.2	514.8	462.5	410.6	357.0	304.2	255.1
50°	815.9	768.2	712.4	653.8	597.1	545.6	493.0	438.2	382.9	325.8	273.7
47.5°	856.3	810.5	755.5	694.1	633.5	575.4	520.7	464.3	408.0	348.0	291.7
45°	892.8	851.1	796.6	733.7	667.3	605.5	546.8	488.9	430.1	369.5	308.9
42.5°	926.8	886.5	836.6	772.4	701.6	634.5	571.7	511.6	450.8	389.9	326.1
40°	957.6	917.2	874.0	808.6	734.2	661.6	596.2	533.1	470.3	408.5	342.8
37.5°	988.1	946.4	901.5	842.3	764.7	689.4	619.1	553.3	489.1	425.1	358.5
35°	1019.4	974.7	925.7	868.9	793.9	714.9	640.1	572.3	506.7	440.7	373.1
32.5°	1049.5	1000.1	947.8	891.3	821.0	738.1	660.6	590.8	523.2	455.3	386.6
30°	1079.0	1021.0	967.5	914.3	844.7	760.8	680.6	608.0	538.6	468.8	398.8
27.5°	1101.4	1039.3	984.8	932.2	864.6	781.8	700.2	623.9	552.7	481.3	409.7
25°	1121.6	1056.7	999.7	946.5	884.2	803.5	718.0	638.4	565.6	492.7	419.5
22.5°	1141.8	1071.9	1012.1	958.6	902.8	823.0	735.0	652.9	577.2	502.9	428.4
20°	1159.2	1084.1	1022.3	969.8	915.1	838.2	750.8	665.8	587.5	511.9	436.3
17.5°	1174.0	1096.7	1033.1	978.9	923.6	851.1	764.6	677.1	596.4	519.8	443.1
15°	1189.3	1109.6	1042.2	985.9	931.0	861.7	776.4	686.6	604.0	526.5	449.5
12.5°	1202.3	1119.2	1049.3	991.0	937.2	869.9	786.2	694.5	610.2	532.7	455.4
10°	1212.4	1125.5	1054.4	994.2	942.1	875.9	793.8	701.8	617.7	538.3	460.3
7.5°	1219.5	1128.7	1057.3	995.5	945.5	881.2	801.3	709.8	624.2	542.7	464.1
5°	1224.3	1130.1	1059.1	998.4	947.6	886.2	806.6	716.1	629.6	545.9	466.8
2.5°	1230.0	1130.7	1059.2	1000.7	947.6	889.2	809.8	720.6	633.5	547.8	468.5
0°	1232.0	1128.7	1057.2	1001.5	945.9	890.2	810.8	723.3	635.9	548.4	469.0
-2.5°	1230.0	1130.7	1059.2	1000.7	947.6	889.2	809.8	720.6	633.5	547.8	468.5
-5°	1224.3	1130.1	1059.1	998.4	947.6	886.2	806.6	716.1	629.6	545.9	466.8
-7.5°	1219.5	1128.7	1057.3	995.5	945.5	881.2	801.3	709.8	624.2	542.7	464.1
-10°	1212.4	1125.5	1054.4	994.2	942.1	875.9	793.8	701.8	617.7	538.3	460.3
-12.5°	1202.3	1119.2	1049.3	991.0	937.2	869.9	786.2	694.5	610.2	532.7	455.4
-15°	1189.3	1109.6	1042.2	985.9	931.0	861.7	776.4	686.6	604.0	526.5	449.5
-17.5°	1174.0	1096.7	1033.1	978.9	923.6	851.1	764.6	677.1	596.4	519.8	443.1
-20°	1159.2	1084.1	1022.3	969.8	915.1	838.2	750.8	665.8	587.5	511.9	436.3

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1141.8	1071.9	1012.1	958.6	902.8	823.0	735.0	652.9	577.2	502.9	428.4
-25°	1121.6	1056.7	999.7	946.5	884.2	803.5	718.0	638.4	565.6	492.7	419.5
-27.5°	1101.4	1039.3	984.8	932.2	864.6	781.8	700.2	623.9	552.7	481.3	409.7
-30°	1079.0	1021.0	967.5	914.3	844.7	760.8	680.6	608.0	538.6	468.8	398.8
-32.5°	1049.5	1000.1	947.8	891.3	821.0	738.1	660.6	590.8	523.2	455.3	386.6
-35°	1019.4	974.7	925.7	868.9	793.9	714.9	640.1	572.3	506.7	440.7	373.1
-37.5°	988.1	946.4	901.5	842.3	764.7	689.4	619.1	553.3	489.1	425.1	358.5
-40°	957.6	917.2	874.0	808.6	734.2	661.6	596.2	533.1	470.3	408.5	342.8
-42.5°	926.8	886.5	836.6	772.4	701.6	634.5	571.7	511.6	450.8	389.9	326.1
-45°	892.8	851.1	796.6	733.7	667.3	605.5	546.8	488.9	430.1	369.5	308.9
-47.5°	856.3	810.5	755.5	694.1	633.5	575.4	520.7	464.3	408.0	348.0	291.7
-50°	815.9	768.2	712.4	653.8	597.1	545.6	493.0	438.2	382.9	325.8	273.7
-52.5°	769.3	722.1	666.6	611.0	561.2	514.8	462.5	410.6	357.0	304.2	255.1
-55°	717.7	670.3	616.8	568.3	523.7	479.5	430.6	380.8	330.1	282.2	235.9
-57.5°	659.2	613.0	567.3	524.6	482.8	441.1	397.0	350.1	303.7	259.2	216.1
-60°	599.2	557.1	516.9	477.9	439.3	401.8	362.3	318.8	276.5	235.6	195.7
-62.5°	536.3	499.8	464.2	429.1	395.5	361.8	326.9	287.2	248.5	211.7	174.8
-65°	474.0	442.4	410.2	381.4	351.7	321.2	290.0	254.6	220.9	187.4	154.1
-67.5°	412.7	386.1	359.7	333.8	307.3	280.0	252.1	223.0	193.0	162.5	134.4
-70°	353.0	330.5	308.5	285.7	262.3	238.8	216.5	191.6	164.6	139.7	114.5
-72.5°	295.3	277.2	257.4	237.3	219.1	200.4	181.1	160.4	138.7	116.6	94.2
-75°	240.8	225.0	208.8	192.7	177.4	161.9	147.7	131.4	112.4	93.1	76.7
-77.5°	187.9	174.8	161.3	150.1	139.7	128.4	116.0	102.1	86.9	73.2	60.0
-80°	139.6	131.2	122.6	113.7	104.7	94.9	85.2	75.1	64.0	53.3	43.1
-82.5°	96.9	90.6	84.1	77.4	70.5	63.4	56.1	48.6	40.7	33.2	28.6
-85°	54.1	49.9	45.6	41.1	36.5	31.8	29.3	26.9	24.3	21.7	19.1
-87.5°	21.5	20.4	19.4	18.2	17.1	15.9	14.7	13.4	12.2	10.9	9.6
-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: P627695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MR-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°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
85°	16.4	13.7	11.0	8.3	5.5	2.8	0.0
82.5°	24.6	20.6	16.5	12.4	8.3	4.1	0.0
80°	33.5	27.4	22.0	16.5	11.0	5.5	0.0
77.5°	47.6	35.9	27.4	20.6	13.7	6.9	0.0
75°	61.6	47.6	33.5	24.6	16.4	8.2	0.0
72.5°	75.5	59.2	42.8	28.6	19.1	9.6	0.0
70°	89.6	70.6	51.9	33.1	21.7	10.9	0.0
67.5°	107.0	81.9	60.9	39.9	24.3	12.2	0.0
65°	124.0	94.5	69.8	46.5	26.9	13.4	0.0
62.5°	140.8	108.5	78.5	53.0	29.3	14.7	0.0
60°	157.2	122.1	87.0	59.4	31.8	15.9	0.0
57.5°	174.3	135.5	97.5	65.6	35.9	17.1	0.0
55°	191.1	148.4	107.9	71.7	39.9	18.2	0.0
52.5°	207.3	161.2	118.0	77.6	43.8	19.4	0.0
50°	222.8	174.0	127.7	83.2	47.6	20.4	0.0
47.5°	237.7	186.2	137.2	89.1	51.3	21.5	0.0
45°	252.4	197.9	146.2	95.9	54.8	22.5	0.0
42.5°	266.5	209.0	154.9	102.4	58.1	23.4	0.0
40°	279.9	219.5	163.2	108.5	61.3	24.4	0.0
37.5°	292.7	229.3	171.1	114.2	64.4	25.2	0.0
35°	304.7	239.0	178.6	119.5	67.3	26.0	0.0
32.5°	316.1	248.4	185.5	124.4	70.0	26.8	0.0
30°	326.9	257.1	191.9	128.9	72.5	27.5	0.0
27.5°	336.7	265.2	197.7	133.0	74.8	28.2	0.0
25°	345.6	272.5	203.0	136.7	77.0	28.8	0.0
22.5°	353.5	279.2	208.0	140.0	78.9	29.4	0.0
20°	360.4	284.9	212.5	142.8	80.7	29.9	0.0
17.5°	366.8	289.9	216.5	145.2	82.2	30.3	0.0
15°	372.5	294.0	220.1	147.3	83.6	30.7	0.0
12.5°	377.5	297.3	223.2	148.9	84.8	31.0	0.0
10°	381.7	299.7	225.8	150.1	85.7	31.3	0.0
7.5°	385.1	301.4	227.8	150.9	86.4	31.5	0.0
5°	387.5	302.4	229.3	151.3	87.0	31.7	0.0
2.5°	389.0	302.5	230.2	151.3	87.3	31.8	0.0
0°	389.5	302.0	230.5	151.0	87.4	31.8	0.0
-2.5°	389.0	302.5	230.2	151.3	87.3	31.8	0.0
-5°	387.5	302.4	229.3	151.3	87.0	31.7	0.0
-7.5°	385.1	301.4	227.8	150.9	86.4	31.5	0.0
-10°	381.7	299.7	225.8	150.1	85.7	31.3	0.0
-12.5°	377.5	297.3	223.2	148.9	84.8	31.0	0.0
-15°	372.5	294.0	220.1	147.3	83.6	30.7	0.0
-17.5°	366.8	289.9	216.5	145.2	82.2	30.3	0.0
-20°	360.4	284.9	212.5	142.8	80.7	29.9	0.0

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CATALOG NUMBER: GFLD-SA5D-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	353.5	279.2	208.0	140.0	78.9	29.4	0.0
-25°	345.6	272.5	203.0	136.7	77.0	28.8	0.0
-27.5°	336.7	265.2	197.7	133.0	74.8	28.2	0.0
-30°	326.9	257.1	191.9	128.9	72.5	27.5	0.0
-32.5°	316.1	248.4	185.5	124.4	70.0	26.8	0.0
-35°	304.7	239.0	178.6	119.5	67.3	26.0	0.0
-37.5°	292.7	229.3	171.1	114.2	64.4	25.2	0.0
-40°	279.9	219.5	163.2	108.5	61.3	24.4	0.0
-42.5°	266.5	209.0	154.9	102.4	58.1	23.4	0.0
-45°	252.4	197.9	146.2	95.9	54.8	22.5	0.0
-47.5°	237.7	186.2	137.2	89.1	51.3	21.5	0.0
-50°	222.8	174.0	127.7	83.2	47.6	20.4	0.0
-52.5°	207.3	161.2	118.0	77.6	43.8	19.4	0.0
-55°	191.1	148.4	107.9	71.7	39.9	18.2	0.0
-57.5°	174.3	135.5	97.5	65.6	35.9	17.1	0.0
-60°	157.2	122.1	87.0	59.4	31.8	15.9	0.0
-62.5°	140.8	108.5	78.5	53.0	29.3	14.7	0.0
-65°	124.0	94.5	69.8	46.5	26.9	13.4	0.0
-67.5°	107.0	81.9	60.9	39.9	24.3	12.2	0.0
-70°	89.6	70.6	51.9	33.1	21.7	10.9	0.0
-72.5°	75.5	59.2	42.8	28.6	19.1	9.6	0.0
-75°	61.6	47.6	33.5	24.6	16.4	8.2	0.0
-77.5°	47.6	35.9	27.4	20.6	13.7	6.9	0.0
-80°	33.5	27.4	22.0	16.5	11.0	5.5	0.0
-82.5°	24.6	20.6	16.5	12.4	8.3	4.1	0.0
-85°	16.4	13.7	11.0	8.3	5.5	2.8	0.0
-87.5°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)