

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: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-750-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627901 (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-SA6C-750-U-VWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N154  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

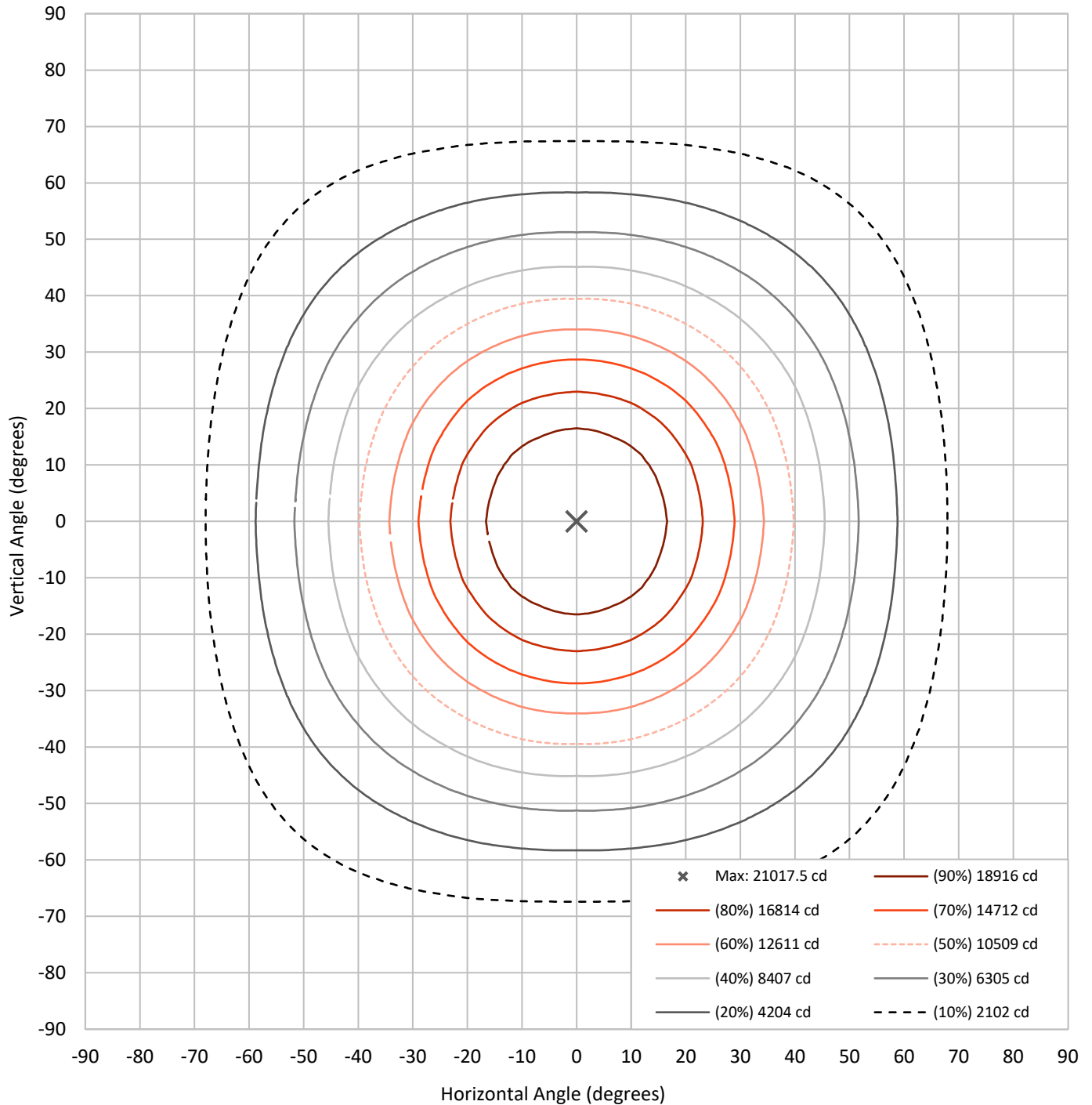
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	37987.4 lumens	Max Intensity:	21017.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	22279.8 lumens	Field Lumens:	36214.5 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	247.5		
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





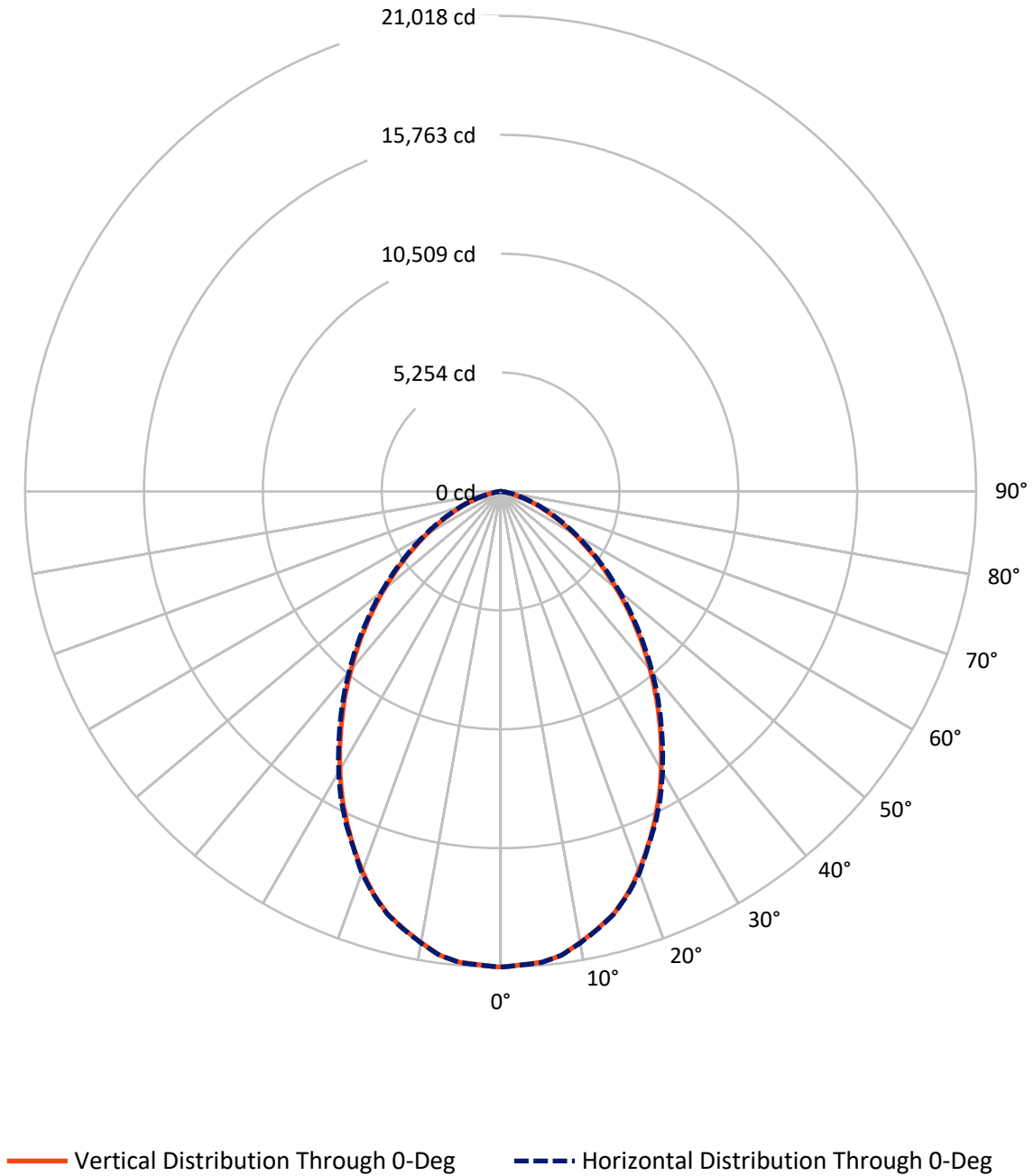
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### Lumen Table

90																				
80	1.3	15.6	42.4	71.9	67.8	71.9	42.4	15.6	1.3											
70																				
60	7.0	9.8	19.7	33.5	49.0	63.3	74.1	79.2	79.2	74.1	63.3	49.0	33.5	19.7	9.8					7.0
50																				
40	12.4	14.6	31.9	57.0	86.3	117.3	142.7	156.0	156.0	142.7	117.3	86.3	57.0	31.9	14.6					12.4
30																				
20	16.0	19.6	46.2	85.3	135.1	187.3	231.0	254.9	254.9	231.0	187.3	135.1	85.3	46.2	19.6					16.0
10																				
0	17.3	24.8	61.2	117.4	189.2	265.2	330.1	367.1	367.1	330.1	265.2	189.2	117.4	61.2	24.8					17.3
-10																				
-20	16.0	29.7	75.3	147.6	240.8	341.8	430.0	480.6	480.6	430.0	341.8	240.8	147.6	75.3	29.7					16.0
-30																				
-40	12.4	33.5	86.2	170.2	281.1	404.0	512.4	574.0	574.0	512.4	404.0	281.1	170.2	86.2	33.5					12.4
-50																				
-60	7.0	35.6	92.2	183.1	303.6	438.5	557.0	621.8	621.8	557.0	438.5	303.6	183.1	92.2	35.6					7.0
-70																				
-80	1.3	35.6	92.2	183.1	303.6	438.5	557.0	621.8	621.8	557.0	438.5	303.6	183.1	92.2	35.6					1.3
-90																				

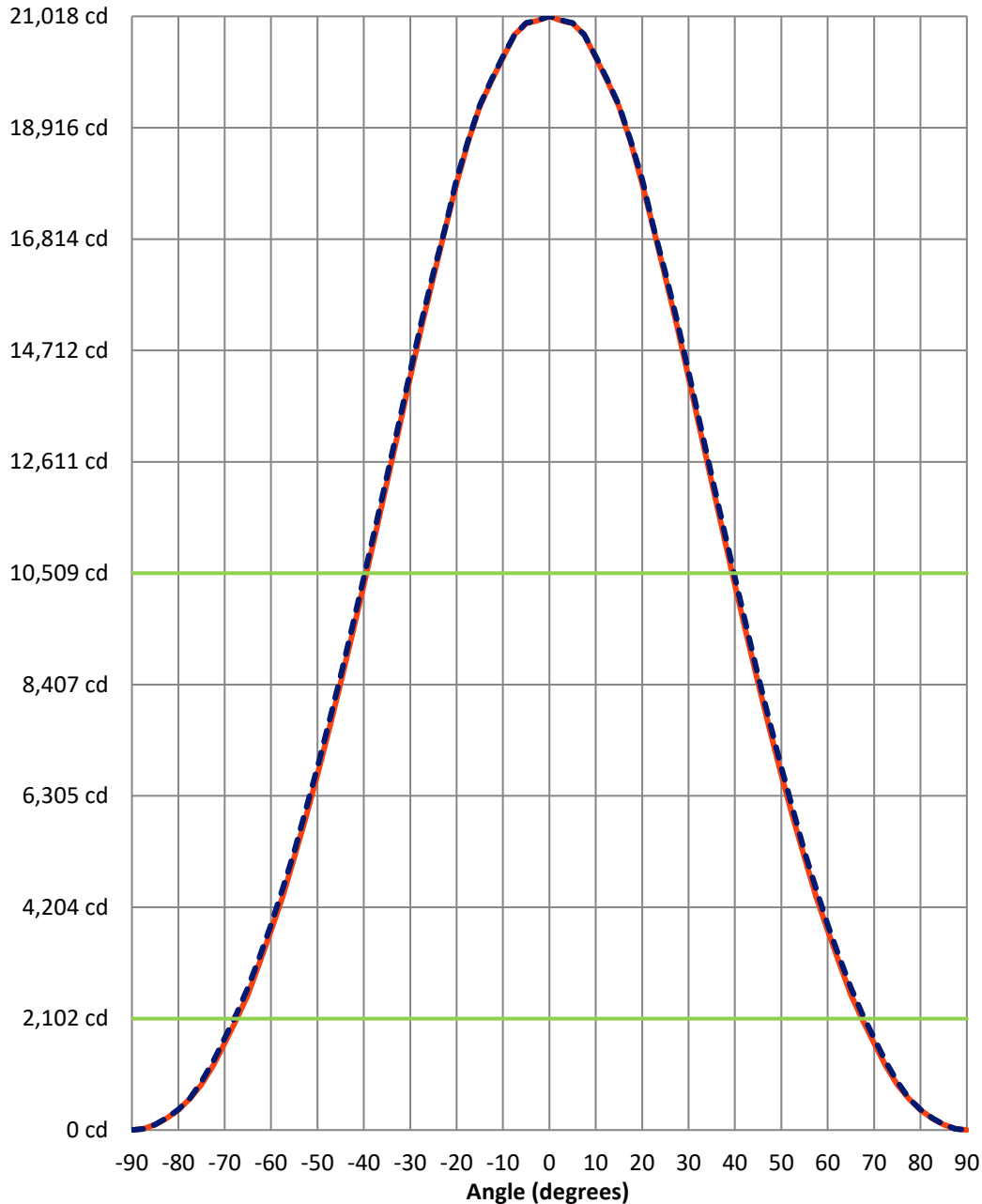
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 22279.8  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 36214.5  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 1772.9  
 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	1.2	2.7	4.1	5.5	6.8	8.2	9.5	10.8	12.1	13.3
85°	0.0	2.4	5.5	8.2	10.9	13.6	16.3	18.9	21.5	24.1	26.6
82.5°	0.0	3.6	8.2	12.3	16.4	20.4	24.4	28.3	35.5	55.8	75.4
80°	0.0	4.8	10.9	16.4	21.8	27.1	36.7	65.3	92.9	119.3	144.7
77.5°	0.0	5.9	13.5	20.4	27.1	42.5	80.0	116.1	150.0	182.6	222.9
75°	0.0	7.1	16.1	24.4	35.4	73.6	122.2	166.4	208.8	267.1	329.1
72.5°	0.0	8.2	18.7	28.3	56.4	103.8	163.1	220.5	287.1	358.1	433.3
70°	0.0	9.3	21.2	34.0	76.7	132.9	204.0	285.4	363.8	447.4	545.2
67.5°	0.0	10.4	23.6	46.5	96.2	160.8	253.1	348.9	438.9	544.4	656.5
65°	0.0	11.5	26.0	58.6	114.9	192.1	300.0	410.5	519.9	638.6	760.7
62.5°	0.0	12.5	28.2	70.1	132.6	226.3	344.6	475.0	598.2	728.5	853.9
60°	0.0	13.5	30.4	81.0	149.2	258.7	386.6	538.9	673.5	812.7	945.7
57.5°	0.0	14.5	36.6	91.3	171.3	289.0	430.8	598.5	747.8	895.5	1032.9
55°	0.0	15.4	42.5	100.9	192.4	317.3	472.7	650.0	820.9	975.4	1116.4
52.5°	0.0	16.3	48.3	109.7	212.0	344.2	511.5	703.5	892.3	1048.9	1197.9
50°	0.0	17.1	53.8	117.8	230.1	372.6	547.1	754.4	960.1	1120.3	1291.3
47.5°	0.0	17.9	59.1	126.2	246.6	398.7	580.4	801.6	1021.5	1189.4	1382.7
45°	0.0	18.7	64.1	137.1	261.4	422.1	617.4	845.2	1069.3	1267.6	1470.3
42.5°	0.0	19.4	68.8	147.0	274.5	443.0	651.3	885.3	1115.0	1342.4	1573.3
40°	0.0	20.0	73.3	157.2	287.7	461.3	682.1	923.2	1162.5	1412.4	1673.7
37.5°	0.0	20.6	77.4	167.2	300.8	476.8	709.7	959.2	1215.8	1478.9	1767.9
35°	0.0	21.2	81.3	176.5	312.0	494.8	734.0	993.1	1267.8	1555.5	1862.8
32.5°	0.0	21.7	84.8	185.1	321.4	512.8	756.6	1024.8	1318.3	1629.1	1963.3
30°	0.0	22.1	88.1	193.0	328.9	528.2	780.0	1056.6	1367.0	1699.4	2057.2
27.5°	0.0	22.6	91.0	200.1	340.2	540.9	801.0	1093.4	1417.1	1766.2	2144.4
25°	0.0	22.9	93.7	206.5	350.8	551.0	819.5	1127.6	1469.3	1834.2	2225.0
22.5°	0.0	23.2	96.0	212.1	360.1	561.2	835.3	1159.0	1517.4	1898.5	2310.9
20°	0.0	23.4	98.0	217.0	368.1	575.1	848.4	1187.2	1561.1	1956.0	2387.8
17.5°	0.0	23.6	99.6	221.1	374.8	586.5	864.8	1212.0	1600.0	2006.4	2455.7
15°	0.0	23.8	101.0	224.4	380.2	595.4	881.8	1235.7	1633.8	2049.7	2514.3
12.5°	0.0	23.9	102.0	227.0	384.4	601.8	895.6	1258.0	1664.4	2085.6	2563.3
10°	0.0	23.9	102.7	228.8	387.2	605.8	906.2	1275.1	1690.8	2119.3	2604.6
7.5°	0.0	23.9	103.1	229.9	388.8	607.4	913.4	1287.1	1711.1	2146.4	2640.2
5°	0.0	23.9	103.2	230.1	389.1	606.7	917.1	1293.9	1725.1	2166.1	2665.8
2.5°	0.0	23.7	102.9	229.7	388.2	603.8	917.2	1295.5	1732.5	2178.1	2681.2
0°	0.0	23.6	102.4	228.5	386.0	598.7	913.8	1291.9	1733.1	2182.1	2686.3
-2.5°	0.0	23.7	102.9	229.7	388.2	603.8	917.2	1295.5	1732.5	2178.1	2681.2
-5°	0.0	23.9	103.2	230.1	389.1	606.7	917.1	1293.9	1725.1	2166.1	2665.8
-7.5°	0.0	23.9	103.1	229.9	388.8	607.4	913.4	1287.1	1711.1	2146.4	2640.2
-10°	0.0	23.9	102.7	228.8	387.2	605.8	906.2	1275.1	1690.8	2119.3	2604.6
-12.5°	0.0	23.9	102.0	227.0	384.4	601.8	895.6	1258.0	1664.4	2085.6	2563.3
-15°	0.0	23.8	101.0	224.4	380.2	595.4	881.8	1235.7	1633.8	2049.7	2514.3
-17.5°	0.0	23.6	99.6	221.1	374.8	586.5	864.8	1212.0	1600.0	2006.4	2455.7
-20°	0.0	23.4	98.0	217.0	368.1	575.1	848.4	1187.2	1561.1	1956.0	2387.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-750-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	23.2	96.0	212.1	360.1	561.2	835.3	1159.0	1517.4	1898.5	2310.9
-25°	0.0	22.9	93.7	206.5	350.8	551.0	819.5	1127.6	1469.3	1834.2	2225.0
-27.5°	0.0	22.6	91.0	200.1	340.2	540.9	801.0	1093.4	1417.1	1766.2	2144.4
-30°	0.0	22.1	88.1	193.0	328.9	528.2	780.0	1056.6	1367.0	1699.4	2057.2
-32.5°	0.0	21.7	84.8	185.1	321.4	512.8	756.6	1024.8	1318.3	1629.1	1963.3
-35°	0.0	21.2	81.3	176.5	312.0	494.8	734.0	993.1	1267.8	1555.5	1862.8
-37.5°	0.0	20.6	77.4	167.2	300.8	476.8	709.7	959.2	1215.8	1478.9	1767.9
-40°	0.0	20.0	73.3	157.2	287.7	461.3	682.1	923.2	1162.5	1412.4	1673.7
-42.5°	0.0	19.4	68.8	147.0	274.5	443.0	651.3	885.3	1115.0	1342.4	1573.3
-45°	0.0	18.7	64.1	137.1	261.4	422.1	617.4	845.2	1069.3	1267.6	1470.3
-47.5°	0.0	17.9	59.1	126.2	246.6	398.7	580.4	801.6	1021.5	1189.4	1382.7
-50°	0.0	17.1	53.8	117.8	230.1	372.6	547.1	754.4	960.1	1120.3	1291.3
-52.5°	0.0	16.3	48.3	109.7	212.0	344.2	511.5	703.5	892.3	1048.9	1197.9
-55°	0.0	15.4	42.5	100.9	192.4	317.3	472.7	650.0	820.9	975.4	1116.4
-57.5°	0.0	14.5	36.6	91.3	171.3	289.0	430.8	598.5	747.8	895.5	1032.9
-60°	0.0	13.5	30.4	81.0	149.2	258.7	386.6	538.9	673.5	812.7	945.7
-62.5°	0.0	12.5	28.2	70.1	132.6	226.3	344.6	475.0	598.2	728.5	853.9
-65°	0.0	11.5	26.0	58.6	114.9	192.1	300.0	410.5	519.9	638.6	760.7
-67.5°	0.0	10.4	23.6	46.5	96.2	160.8	253.1	348.9	438.9	544.4	656.5
-70°	0.0	9.3	21.2	34.0	76.7	132.9	204.0	285.4	363.8	447.4	545.2
-72.5°	0.0	8.2	18.7	28.3	56.4	103.8	163.1	220.5	287.1	358.1	433.3
-75°	0.0	7.1	16.1	24.4	35.4	73.6	122.2	166.4	208.8	267.1	329.1
-77.5°	0.0	5.9	13.5	20.4	27.1	42.5	80.0	116.1	150.0	182.6	222.9
-80°	0.0	4.8	10.9	16.4	21.8	27.1	36.7	65.3	92.9	119.3	144.7
-82.5°	0.0	3.6	8.2	12.3	16.4	20.4	24.4	28.3	35.5	55.8	75.4
-85°	0.0	2.4	5.5	8.2	10.9	13.6	16.3	18.9	21.5	24.1	26.6
-87.5°	0.0	1.2	2.7	4.1	5.5	6.8	8.2	9.5	10.8	12.1	13.3
-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-SA6C-750-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°	15.4	17.7	20.1	22.6	22.8	22.8	22.6	22.3	23.2	24.1	25.0
85°	30.8	35.3	49.1	62.4	68.8	72.7	74.5	74.2	86.3	100.3	115.4
82.5°	95.8	115.6	134.4	152.3	157.0	157.1	155.5	156.1	184.4	216.9	250.2
80°	170.6	195.7	228.9	258.4	271.2	277.8	280.9	280.4	316.2	364.0	414.2
77.5°	270.7	312.9	349.6	380.8	397.7	412.5	424.6	433.9	480.0	540.4	600.3
75°	384.8	431.1	477.0	517.1	545.2	566.0	585.3	616.5	676.9	747.3	808.6
72.5°	505.1	564.2	615.5	659.0	698.3	740.1	786.9	838.1	901.8	972.1	1036.2
70°	633.7	698.6	752.3	804.7	858.3	920.8	991.0	1060.0	1131.0	1208.6	1283.4
67.5°	759.4	822.0	885.2	951.3	1031.6	1115.3	1198.2	1293.4	1390.8	1477.0	1554.2
65°	868.6	942.1	1021.1	1110.8	1209.9	1316.3	1427.0	1541.2	1664.7	1768.2	1862.6
62.5°	972.9	1061.2	1157.3	1269.1	1395.5	1521.5	1662.7	1805.6	1944.6	2066.6	2179.3
60°	1069.0	1176.0	1297.5	1434.6	1582.1	1749.6	1910.4	2072.9	2225.4	2363.5	2506.0
57.5°	1162.5	1297.1	1442.9	1607.5	1794.1	1982.2	2171.2	2346.0	2518.6	2686.9	2848.1
55°	1261.4	1423.7	1597.2	1799.1	2009.4	2231.9	2435.4	2630.5	2820.7	3025.0	3219.2
52.5°	1370.3	1551.6	1768.7	1994.7	2237.6	2476.4	2700.1	2922.3	3152.2	3383.3	3636.1
50°	1475.4	1701.4	1939.4	2202.2	2464.6	2720.5	2976.8	3232.8	3508.2	3791.8	4078.2
47.5°	1598.1	1844.7	2125.9	2407.7	2694.5	2979.2	3264.9	3574.3	3887.2	4216.0	4532.8
45°	1722.4	1999.6	2302.6	2621.3	2931.3	3246.6	3580.6	3922.7	4289.5	4651.2	5032.3
42.5°	1840.1	2153.6	2487.5	2831.7	3176.5	3528.8	3896.2	4295.7	4696.6	5113.7	5532.5
40°	1970.5	2299.9	2668.1	3047.2	3421.4	3811.9	4231.8	4664.5	5118.1	5576.7	6031.5
37.5°	2095.9	2458.0	2845.0	3253.1	3673.0	4102.2	4558.1	5049.2	5541.2	6034.7	6536.3
35°	2213.4	2607.9	3027.1	3460.3	3905.7	4393.8	4903.5	5427.7	5960.8	6494.5	7034.1
32.5°	2334.2	2749.2	3201.0	3664.7	4155.5	4679.0	5237.2	5805.3	6373.0	6942.9	7533.5
30°	2455.3	2897.5	3369.5	3858.0	4394.9	4965.2	5565.2	6166.9	6767.5	7394.6	8024.1
27.5°	2569.7	3038.1	3535.1	4057.8	4624.3	5230.3	5867.4	6512.0	7159.6	7826.4	8497.7
25°	2675.1	3171.3	3688.8	4250.1	4850.4	5485.3	6149.1	6821.7	7531.9	8245.4	8946.4
22.5°	2777.8	3293.6	3831.2	4427.2	5055.4	5722.1	6413.3	7123.6	7865.7	8631.9	9357.4
20°	2876.6	3410.2	3969.7	4587.7	5238.9	5935.4	6653.5	7397.3	8175.8	8962.6	9742.9
17.5°	2964.4	3513.7	4098.6	4737.7	5414.1	6130.3	6869.9	7638.2	8451.3	9266.9	10093.7
15°	3040.8	3603.8	4210.3	4868.7	5569.0	6307.5	7070.7	7860.9	8694.9	9544.2	10403.7
12.5°	3105.5	3680.2	4304.3	4980.0	5700.4	6459.4	7243.3	8061.2	8917.8	9790.8	10675.2
10°	3158.0	3742.4	4380.4	5070.9	5807.7	6585.1	7385.4	8226.4	9108.6	10000.6	10903.6
7.5°	3202.7	3794.3	4440.7	5141.1	5890.4	6683.4	7496.1	8355.2	9260.6	10164.2	11087.1
5°	3235.2	3836.2	4496.2	5199.9	5962.3	6760.2	7579.9	8447.0	9371.7	10280.7	11220.2
2.5°	3254.8	3863.6	4533.9	5238.1	6018.8	6817.8	7654.4	8528.1	9453.2	10373.2	11320.2
0°	3261.3	3875.8	4553.3	5254.4	6050.0	6845.7	7696.5	8570.9	9492.6	10430.0	11383.2
-2.5°	3254.8	3863.6	4533.9	5238.1	6018.8	6817.8	7654.4	8528.1	9453.2	10373.2	11320.2
-5°	3235.2	3836.2	4496.2	5199.9	5962.3	6760.2	7579.9	8447.0	9371.7	10280.7	11220.2
-7.5°	3202.7	3794.3	4440.7	5141.1	5890.4	6683.4	7496.1	8355.2	9260.6	10164.2	11087.1
-10°	3158.0	3742.4	4380.4	5070.9	5807.7	6585.1	7385.4	8226.4	9108.6	10000.6	10903.6
-12.5°	3105.5	3680.2	4304.3	4980.0	5700.4	6459.4	7243.3	8061.2	8917.8	9790.8	10675.2
-15°	3040.8	3603.8	4210.3	4868.7	5569.0	6307.5	7070.7	7860.9	8694.9	9544.2	10403.7
-17.5°	2964.4	3513.7	4098.6	4737.7	5414.1	6130.3	6869.9	7638.2	8451.3	9266.9	10093.7
-20°	2876.6	3410.2	3969.7	4587.7	5238.9	5935.4	6653.5	7397.3	8175.8	8962.6	9742.9



REPORT NUMBER: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2777.8	3293.6	3831.2	4427.2	5055.4	5722.1	6413.3	7123.6	7865.7	8631.9	9357.4
-25°	2675.1	3171.3	3688.8	4250.1	4850.4	5485.3	6149.1	6821.7	7531.9	8245.4	8946.4
-27.5°	2569.7	3038.1	3535.1	4057.8	4624.3	5230.3	5867.4	6512.0	7159.6	7826.4	8497.7
-30°	2455.3	2897.5	3369.5	3858.0	4394.9	4965.2	5565.2	6166.9	6767.5	7394.6	8024.1
-32.5°	2334.2	2749.2	3201.0	3664.7	4155.5	4679.0	5237.2	5805.3	6373.0	6942.9	7533.5
-35°	2213.4	2607.9	3027.1	3460.3	3905.7	4393.8	4903.5	5427.7	5960.8	6494.5	7034.1
-37.5°	2095.9	2458.0	2845.0	3253.1	3673.0	4102.2	4558.1	5049.2	5541.2	6034.7	6536.3
-40°	1970.5	2299.9	2668.1	3047.2	3421.4	3811.9	4231.8	4664.5	5118.1	5576.7	6031.5
-42.5°	1840.1	2153.6	2487.5	2831.7	3176.5	3528.8	3896.2	4295.7	4696.6	5113.7	5532.5
-45°	1722.4	1999.6	2302.6	2621.3	2931.3	3246.6	3580.6	3922.7	4289.5	4651.2	5032.3
-47.5°	1598.1	1844.7	2125.9	2407.7	2694.5	2979.2	3264.9	3574.3	3887.2	4216.0	4532.8
-50°	1475.4	1701.4	1939.4	2202.2	2464.6	2720.5	2976.8	3232.8	3508.2	3791.8	4078.2
-52.5°	1370.3	1551.6	1768.7	1994.7	2237.6	2476.4	2700.1	2922.3	3152.2	3383.3	3636.1
-55°	1261.4	1423.7	1597.2	1799.1	2009.4	2231.9	2435.4	2630.5	2820.7	3025.0	3219.2
-57.5°	1162.5	1297.1	1442.9	1607.5	1794.1	1982.2	2171.2	2346.0	2518.6	2686.9	2848.1
-60°	1069.0	1176.0	1297.5	1434.6	1582.1	1749.6	1910.4	2072.9	2225.4	2363.5	2506.0
-62.5°	972.9	1061.2	1157.3	1269.1	1395.5	1521.5	1662.7	1805.6	1944.6	2066.6	2179.3
-65°	868.6	942.1	1021.1	1110.8	1209.9	1316.3	1427.0	1541.2	1664.7	1768.2	1862.6
-67.5°	759.4	822.0	885.2	951.3	1031.6	1115.3	1198.2	1293.4	1390.8	1477.0	1554.2
-70°	633.7	698.6	752.3	804.7	858.3	920.8	991.0	1060.0	1131.0	1208.6	1283.4
-72.5°	505.1	564.2	615.5	659.0	698.3	740.1	786.9	838.1	901.8	972.1	1036.2
-75°	384.8	431.1	477.0	517.1	545.2	566.0	585.3	616.5	676.9	747.3	808.6
-77.5°	270.7	312.9	349.6	380.8	397.7	412.5	424.6	433.9	480.0	540.4	600.3
-80°	170.6	195.7	228.9	258.4	271.2	277.8	280.9	280.4	316.2	364.0	414.2
-82.5°	95.8	115.6	134.4	152.3	157.0	157.1	155.5	156.1	184.4	216.9	250.2
-85°	30.8	35.3	49.1	62.4	68.8	72.7	74.5	74.2	86.3	100.3	115.4
-87.5°	15.4	17.7	20.1	22.6	22.8	22.8	22.6	22.3	23.2	24.1	25.0
-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: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	25.8	26.6	27.3	27.9	28.5	29.1	29.6	30.0	30.4	28.8	27.1
85°	131.6	140.9	149.6	157.9	165.8	173.3	180.3	186.9	192.9	176.2	157.7
82.5°	284.2	307.0	328.6	350.2	371.5	377.0	378.7	377.9	375.0	345.6	313.1
80°	463.9	502.5	538.9	575.0	610.6	614.6	610.6	603.2	592.8	554.3	510.6
77.5°	660.0	708.7	751.2	790.2	825.7	832.4	831.4	829.6	826.6	787.3	739.8
75°	861.1	908.7	954.5	993.5	1026.0	1041.0	1048.3	1053.5	1056.4	1028.1	991.1
72.5°	1094.2	1143.6	1184.1	1222.0	1254.0	1277.2	1293.9	1306.5	1315.1	1306.5	1291.3
70°	1347.2	1400.2	1444.9	1487.7	1531.1	1566.0	1592.3	1611.3	1623.4	1631.3	1636.9
67.5°	1632.0	1703.3	1765.4	1818.5	1871.0	1920.3	1960.8	1993.8	2019.4	2041.1	2057.8
65°	1952.9	2044.0	2124.7	2198.8	2266.8	2338.3	2396.9	2446.2	2485.8	2518.5	2544.8
62.5°	2290.3	2401.9	2505.6	2606.1	2704.7	2801.8	2876.3	2944.1	3004.5	3056.3	3097.6
60°	2640.9	2767.7	2906.9	3039.6	3161.8	3273.5	3384.4	3480.4	3562.6	3630.8	3685.8
57.5°	3017.8	3182.0	3344.6	3509.5	3665.4	3811.2	3947.7	4068.1	4169.9	4253.4	4323.5
55°	3424.9	3630.3	3818.9	4026.9	4227.9	4411.0	4572.1	4713.7	4836.2	4938.7	5025.8
52.5°	3872.4	4122.0	4367.1	4603.8	4832.0	5044.3	5237.2	5402.1	5548.8	5674.5	5774.9
50°	4362.2	4647.8	4931.8	5195.1	5457.3	5702.0	5923.1	6114.4	6285.1	6432.9	6549.2
47.5°	4874.5	5199.6	5516.6	5818.1	6108.2	6380.2	6619.6	6837.7	7050.5	7224.1	7361.3
45°	5406.4	5771.0	6120.8	6465.5	6785.0	7089.8	7385.2	7656.8	7875.2	8066.4	8227.0
42.5°	5944.7	6351.4	6743.2	7119.2	7470.6	7823.0	8155.3	8452.2	8701.3	8918.7	9101.2
40°	6490.0	6935.3	7367.0	7776.9	8178.6	8562.9	8922.3	9235.4	9516.3	9774.6	9989.7
37.5°	7032.7	7522.6	8000.8	8460.0	8902.3	9318.6	9706.9	10060.8	10377.8	10671.9	10910.8
35°	7577.7	8115.2	8638.7	9144.0	9627.2	10086.6	10511.7	10914.4	11287.9	11585.8	11830.2
32.5°	8120.6	8698.5	9268.2	9824.5	10353.3	10848.6	11309.2	11754.1	12138.4	12465.8	12746.8
30°	8646.0	9272.0	9892.3	10495.5	11066.8	11603.4	12113.5	12584.0	12997.2	13355.3	13670.5
27.5°	9161.5	9834.0	10499.6	11144.0	11761.6	12344.8	12901.5	13411.6	13862.6	14251.9	14584.2
25°	9648.7	10371.6	11081.1	11764.3	12424.1	13067.4	13668.4	14225.1	14706.8	15134.2	15475.6
22.5°	10114.2	10885.1	11630.6	12349.4	13055.1	13748.5	14406.5	14987.8	15498.3	15945.0	16322.9
20°	10547.9	11374.0	12136.7	12896.9	13640.2	14380.6	15087.0	15700.4	16240.6	16716.1	17132.7
17.5°	10953.3	11800.7	12603.7	13413.0	14196.5	14973.1	15690.9	16348.4	16931.1	17436.1	17872.4
15°	11296.5	12152.2	13029.3	13893.4	14719.5	15506.0	16223.1	16909.8	17556.9	18103.0	18545.3
12.5°	11574.3	12464.3	13379.3	14296.6	15170.3	15955.7	16706.5	17403.1	18082.8	18696.2	19102.9
10°	11811.2	12727.6	13672.2	14607.6	15493.0	16324.1	17140.4	17876.9	18544.7	19094.1	19548.2
7.5°	12016.0	12959.9	13919.3	14856.3	15738.7	16597.5	17437.7	18219.9	18894.1	19411.7	19816.7
5°	12167.0	13133.3	14111.3	15056.9	15951.7	16813.1	17657.2	18429.6	19087.8	19614.3	20056.1
2.5°	12275.0	13250.4	14235.4	15182.3	16097.0	16960.6	17825.7	18606.9	19244.2	19726.7	20149.6
0°	12344.3	13321.1	14313.7	15282.6	16180.7	17015.7	17945.3	18677.9	19339.6	19820.1	20261.3
-2.5°	12275.0	13250.4	14235.4	15182.3	16097.0	16960.6	17825.7	18606.9	19244.2	19726.7	20149.6
-5°	12167.0	13133.3	14111.3	15056.9	15951.7	16813.1	17657.2	18429.6	19087.8	19614.3	20056.1
-7.5°	12016.0	12959.9	13919.3	14856.3	15738.7	16597.5	17437.7	18219.9	18894.1	19411.7	19816.7
-10°	11811.2	12727.6	13672.2	14607.6	15493.0	16324.1	17140.4	17876.9	18544.7	19094.1	19548.2
-12.5°	11574.3	12464.3	13379.3	14296.6	15170.3	15955.7	16706.5	17403.1	18082.8	18696.2	19102.9
-15°	11296.5	12152.2	13029.3	13893.4	14719.5	15506.0	16223.1	16909.8	17556.9	18103.0	18545.3
-17.5°	10953.3	11800.7	12603.7	13413.0	14196.5	14973.1	15690.9	16348.4	16931.1	17436.1	17872.4
-20°	10547.9	11374.0	12136.7	12896.9	13640.2	14380.6	15087.0	15700.4	16240.6	16716.1	17132.7



REPORT NUMBER: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10114.2	10885.1	11630.6	12349.4	13055.1	13748.5	14406.5	14987.8	15498.3	15945.0	16322.9
-25°	9648.7	10371.6	11081.1	11764.3	12424.1	13067.4	13668.4	14225.1	14706.8	15134.2	15475.6
-27.5°	9161.5	9834.0	10499.6	11144.0	11761.6	12344.8	12901.5	13411.6	13862.6	14251.9	14584.2
-30°	8646.0	9272.0	9892.3	10495.5	11066.8	11603.4	12113.5	12584.0	12997.2	13355.3	13670.5
-32.5°	8120.6	8698.5	9268.2	9824.5	10353.3	10848.6	11309.2	11754.1	12138.4	12465.8	12746.8
-35°	7577.7	8115.2	8638.7	9144.0	9627.2	10086.6	10511.7	10914.4	11287.9	11585.8	11830.2
-37.5°	7032.7	7522.6	8000.8	8460.0	8902.3	9318.6	9706.9	10060.8	10377.8	10671.9	10910.8
-40°	6490.0	6935.3	7367.0	7776.9	8178.6	8562.9	8922.3	9235.4	9516.3	9774.6	9989.7
-42.5°	5944.7	6351.4	6743.2	7119.2	7470.6	7823.0	8155.3	8452.2	8701.3	8918.7	9101.2
-45°	5406.4	5771.0	6120.8	6465.5	6785.0	7089.8	7385.2	7656.8	7875.2	8066.4	8227.0
-47.5°	4874.5	5199.6	5516.6	5818.1	6108.2	6380.2	6619.6	6837.7	7050.5	7224.1	7361.3
-50°	4362.2	4647.8	4931.8	5195.1	5457.3	5702.0	5923.1	6114.4	6285.1	6432.9	6549.2
-52.5°	3872.4	4122.0	4367.1	4603.8	4832.0	5044.3	5237.2	5402.1	5548.8	5674.5	5774.9
-55°	3424.9	3630.3	3818.9	4026.9	4227.9	4411.0	4572.1	4713.7	4836.2	4938.7	5025.8
-57.5°	3017.8	3182.0	3344.6	3509.5	3665.4	3811.2	3947.7	4068.1	4169.9	4253.4	4323.5
-60°	2640.9	2767.7	2906.9	3039.6	3161.8	3273.5	3384.4	3480.4	3562.6	3630.8	3685.8
-62.5°	2290.3	2401.9	2505.6	2606.1	2704.7	2801.8	2876.3	2944.1	3004.5	3056.3	3097.6
-65°	1952.9	2044.0	2124.7	2198.8	2266.8	2338.3	2396.9	2446.2	2485.8	2518.5	2544.8
-67.5°	1632.0	1703.3	1765.4	1818.5	1871.0	1920.3	1960.8	1993.8	2019.4	2041.1	2057.8
-70°	1347.2	1400.2	1444.9	1487.7	1531.1	1566.0	1592.3	1611.3	1623.4	1631.3	1636.9
-72.5°	1094.2	1143.6	1184.1	1222.0	1254.0	1277.2	1293.9	1306.5	1315.1	1306.5	1291.3
-75°	861.1	908.7	954.5	993.5	1026.0	1041.0	1048.3	1053.5	1056.4	1028.1	991.1
-77.5°	660.0	708.7	751.2	790.2	825.7	832.4	831.4	829.6	826.6	787.3	739.8
-80°	463.9	502.5	538.9	575.0	610.6	614.6	610.6	603.2	592.8	554.3	510.6
-82.5°	284.2	307.0	328.6	350.2	371.5	377.0	378.7	377.9	375.0	345.6	313.1
-85°	131.6	140.9	149.6	157.9	165.8	173.3	180.3	186.9	192.9	176.2	157.7
-87.5°	25.8	26.6	27.3	27.9	28.5	29.1	29.6	30.0	30.4	28.8	27.1
-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: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	25.4	23.5	23.6	23.6	23.6	23.5	25.4	27.1	28.8	30.4	30.0
85°	138.1	117.6	110.2	102.4	110.2	117.6	138.1	157.7	176.2	192.9	186.9
82.5°	278.9	243.4	232.2	220.6	232.2	243.4	278.9	313.1	345.6	375.0	377.9
80°	464.6	416.4	397.5	378.1	397.5	416.4	464.6	510.6	554.3	592.8	603.2
77.5°	689.4	636.6	614.0	590.8	614.0	636.6	689.4	739.8	787.3	826.6	829.6
75°	952.1	910.7	885.6	858.7	885.6	910.7	952.1	991.1	1028.1	1056.4	1053.5
72.5°	1274.0	1253.8	1235.5	1213.2	1235.5	1253.8	1274.0	1291.3	1306.5	1315.1	1306.5
70°	1638.8	1636.2	1639.5	1638.5	1639.5	1636.2	1638.8	1636.9	1631.3	1623.4	1611.3
67.5°	2066.4	2066.9	2075.8	2079.7	2075.8	2066.9	2066.4	2057.8	2041.1	2019.4	1993.8
65°	2561.0	2567.0	2564.8	2552.4	2564.8	2567.0	2561.0	2544.8	2518.5	2485.8	2446.2
62.5°	3126.9	3143.9	3153.3	3151.1	3153.3	3143.9	3126.9	3097.6	3056.3	3004.5	2944.1
60°	3726.8	3753.5	3766.9	3765.5	3766.9	3753.5	3726.8	3685.8	3630.8	3562.6	3480.4
57.5°	4375.7	4409.9	4417.9	4403.6	4417.9	4409.9	4375.7	4323.5	4253.4	4169.9	4068.1
55°	5091.5	5135.2	5152.1	5144.1	5152.1	5135.2	5091.5	5025.8	4938.7	4836.2	4713.7
52.5°	5848.4	5895.6	5912.4	5900.4	5912.4	5895.6	5848.4	5774.9	5674.5	5548.8	5402.1
50°	6634.5	6691.8	6714.9	6703.9	6714.9	6691.8	6634.5	6549.2	6432.9	6285.1	6114.4
47.5°	7468.9	7545.2	7574.8	7554.7	7574.8	7545.2	7468.9	7361.3	7224.1	7050.5	6837.7
45°	8347.0	8426.0	8456.7	8437.0	8456.7	8426.0	8347.0	8227.0	8066.4	7875.2	7656.8
42.5°	9240.7	9343.4	9386.8	9350.8	9386.8	9343.4	9240.7	9101.2	8918.7	8701.3	8452.2
40°	10150.3	10261.7	10313.1	10288.2	10313.1	10261.7	10150.3	9989.7	9774.6	9516.3	9235.4
37.5°	11083.2	11194.1	11248.6	11249.3	11248.6	11194.1	11083.2	10910.8	10671.9	10377.8	10060.8
35°	12019.5	12153.8	12229.8	12226.1	12229.8	12153.8	12019.5	11830.2	11585.8	11287.9	10914.4
32.5°	12968.9	13114.3	13192.0	13202.9	13192.0	13114.3	12968.9	12746.8	12465.8	12138.4	11754.1
30°	13916.8	14076.7	14166.5	14203.4	14166.5	14076.7	13916.8	13670.5	13355.3	12997.2	12584.0
27.5°	14836.0	15032.7	15168.4	15180.2	15168.4	15032.7	14836.0	14584.2	14251.9	13862.6	13411.6
25°	15726.2	15926.4	16065.7	16094.0	16065.7	15926.4	15726.2	15475.6	15134.2	14706.8	14225.1
22.5°	16603.6	16812.9	16941.5	16992.1	16941.5	16812.9	16603.6	16322.9	15945.0	15498.3	14987.8
20°	17441.2	17668.1	17804.3	17858.6	17804.3	17668.1	17441.2	17132.7	16716.1	16240.6	15700.4
17.5°	18198.9	18438.7	18607.0	18654.3	18607.0	18438.7	18198.9	17872.4	17436.1	16931.1	16348.4
15°	18865.8	19093.2	19252.9	19316.0	19252.9	19093.2	18865.8	18545.3	18103.0	17556.9	16909.8
12.5°	19408.6	19612.0	19737.1	19796.5	19737.1	19612.0	19408.6	19102.9	18696.2	18082.8	17403.1
10°	19832.6	20036.7	20156.2	20237.7	20156.2	20036.7	19832.6	19548.2	19094.1	18544.7	17876.9
7.5°	20200.7	20409.7	20556.0	20670.9	20556.0	20409.7	20200.7	19816.7	19411.7	18894.1	18219.9
5°	20403.9	20752.9	20805.4	20883.6	20805.4	20752.9	20403.9	20056.1	19614.3	19087.8	18429.6
2.5°	20558.8	20806.4	20955.2	20938.8	20955.2	20806.4	20558.8	20149.6	19726.7	19244.2	18606.9
0°	20670.9	20891.5	20946.6	21017.5	20946.6	20891.5	20670.9	20261.3	19820.1	19339.6	18677.9
-2.5°	20558.8	20806.4	20955.2	20938.8	20955.2	20806.4	20558.8	20149.6	19726.7	19244.2	18606.9
-5°	20403.9	20752.9	20805.4	20883.6	20805.4	20752.9	20403.9	20056.1	19614.3	19087.8	18429.6
-7.5°	20200.7	20409.7	20556.0	20670.9	20556.0	20409.7	20200.7	19816.7	19411.7	18894.1	18219.9
-10°	19832.6	20036.7	20156.2	20237.7	20156.2	20036.7	19832.6	19548.2	19094.1	18544.7	17876.9
-12.5°	19408.6	19612.0	19737.1	19796.5	19737.1	19612.0	19408.6	19102.9	18696.2	18082.8	17403.1
-15°	18865.8	19093.2	19252.9	19316.0	19252.9	19093.2	18865.8	18545.3	18103.0	17556.9	16909.8
-17.5°	18198.9	18438.7	18607.0	18654.3	18607.0	18438.7	18198.9	17872.4	17436.1	16931.1	16348.4
-20°	17441.2	17668.1	17804.3	17858.6	17804.3	17668.1	17441.2	17132.7	16716.1	16240.6	15700.4



REPORT NUMBER: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-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°	16603.6	16812.9	16941.5	16992.1	16941.5	16812.9	16603.6	16322.9	15945.0	15498.3	14987.8
-25°	15726.2	15926.4	16065.7	16094.0	16065.7	15926.4	15726.2	15475.6	15134.2	14706.8	14225.1
-27.5°	14836.0	15032.7	15168.4	15180.2	15168.4	15032.7	14836.0	14584.2	14251.9	13862.6	13411.6
-30°	13916.8	14076.7	14166.5	14203.4	14166.5	14076.7	13916.8	13670.5	13355.3	12997.2	12584.0
-32.5°	12968.9	13114.3	13192.0	13202.9	13192.0	13114.3	12968.9	12746.8	12465.8	12138.4	11754.1
-35°	12019.5	12153.8	12229.8	12226.1	12229.8	12153.8	12019.5	11830.2	11585.8	11287.9	10914.4
-37.5°	11083.2	11194.1	11248.6	11249.3	11248.6	11194.1	11083.2	10910.8	10671.9	10377.8	10060.8
-40°	10150.3	10261.7	10313.1	10288.2	10313.1	10261.7	10150.3	9989.7	9774.6	9516.3	9235.4
-42.5°	9240.7	9343.4	9386.8	9350.8	9386.8	9343.4	9240.7	9101.2	8918.7	8701.3	8452.2
-45°	8347.0	8426.0	8456.7	8437.0	8456.7	8426.0	8347.0	8227.0	8066.4	7875.2	7656.8
-47.5°	7468.9	7545.2	7574.8	7554.7	7574.8	7545.2	7468.9	7361.3	7224.1	7050.5	6837.7
-50°	6634.5	6691.8	6714.9	6703.9	6714.9	6691.8	6634.5	6549.2	6432.9	6285.1	6114.4
-52.5°	5848.4	5895.6	5912.4	5900.4	5912.4	5895.6	5848.4	5774.9	5674.5	5548.8	5402.1
-55°	5091.5	5135.2	5152.1	5144.1	5152.1	5135.2	5091.5	5025.8	4938.7	4836.2	4713.7
-57.5°	4375.7	4409.9	4417.9	4403.6	4417.9	4409.9	4375.7	4323.5	4253.4	4169.9	4068.1
-60°	3726.8	3753.5	3766.9	3765.5	3766.9	3753.5	3726.8	3685.8	3630.8	3562.6	3480.4
-62.5°	3126.9	3143.9	3153.3	3151.1	3153.3	3143.9	3126.9	3097.6	3056.3	3004.5	2944.1
-65°	2561.0	2567.0	2564.8	2552.4	2564.8	2567.0	2561.0	2544.8	2518.5	2485.8	2446.2
-67.5°	2066.4	2066.9	2075.8	2079.7	2075.8	2066.9	2066.4	2057.8	2041.1	2019.4	1993.8
-70°	1638.8	1636.2	1639.5	1638.5	1639.5	1636.2	1638.8	1636.9	1631.3	1623.4	1611.3
-72.5°	1274.0	1253.8	1235.5	1213.2	1235.5	1253.8	1274.0	1291.3	1306.5	1315.1	1306.5
-75°	952.1	910.7	885.6	858.7	885.6	910.7	952.1	991.1	1028.1	1056.4	1053.5
-77.5°	689.4	636.6	614.0	590.8	614.0	636.6	689.4	739.8	787.3	826.6	829.6
-80°	464.6	416.4	397.5	378.1	397.5	416.4	464.6	510.6	554.3	592.8	603.2
-82.5°	278.9	243.4	232.2	220.6	232.2	243.4	278.9	313.1	345.6	375.0	377.9
-85°	138.1	117.6	110.2	102.4	110.2	117.6	138.1	157.7	176.2	192.9	186.9
-87.5°	25.4	23.5	23.6	23.6	23.6	23.5	25.4	27.1	28.8	30.4	30.0
-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: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	29.6	29.1	28.5	27.9	27.3	26.6	25.8	25.0	24.1	23.2	22.3
85°	180.3	173.3	165.8	157.9	149.6	140.9	131.6	115.4	100.3	86.3	74.2
82.5°	378.7	377.0	371.5	350.2	328.6	307.0	284.2	250.2	216.9	184.4	156.1
80°	610.6	614.6	610.6	575.0	538.9	502.5	463.9	414.2	364.0	316.2	280.4
77.5°	831.4	832.4	825.7	790.2	751.2	708.7	660.0	600.3	540.4	480.0	433.9
75°	1048.3	1041.0	1026.0	993.5	954.5	908.7	861.1	808.6	747.3	676.9	616.5
72.5°	1293.9	1277.2	1254.0	1222.0	1184.1	1143.6	1094.2	1036.2	972.1	901.8	838.1
70°	1592.3	1566.0	1531.1	1487.7	1444.9	1400.2	1347.2	1283.4	1208.6	1131.0	1060.0
67.5°	1960.8	1920.3	1871.0	1818.5	1765.4	1703.3	1632.0	1554.2	1477.0	1390.8	1293.4
65°	2396.9	2338.3	2266.8	2198.8	2124.7	2044.0	1952.9	1862.6	1768.2	1664.7	1541.2
62.5°	2876.3	2801.8	2704.7	2606.1	2505.6	2401.9	2290.3	2179.3	2066.6	1944.6	1805.6
60°	3384.4	3273.5	3161.8	3039.6	2906.9	2767.7	2640.9	2506.0	2363.5	2225.4	2072.9
57.5°	3947.7	3811.2	3665.4	3509.5	3344.6	3182.0	3017.8	2848.1	2686.9	2518.6	2346.0
55°	4572.1	4411.0	4227.9	4026.9	3818.9	3630.3	3424.9	3219.2	3025.0	2820.7	2630.5
52.5°	5237.2	5044.3	4832.0	4603.8	4367.1	4122.0	3872.4	3636.1	3383.3	3152.2	2922.3
50°	5923.1	5702.0	5457.3	5195.1	4931.8	4647.8	4362.2	4078.2	3791.8	3508.2	3232.8
47.5°	6619.6	6380.2	6108.2	5818.1	5516.6	5199.6	4874.5	4532.8	4216.0	3887.2	3574.3
45°	7385.2	7089.8	6785.0	6465.5	6120.8	5771.0	5406.4	5032.3	4651.2	4289.5	3922.7
42.5°	8155.3	7823.0	7470.6	7119.2	6743.2	6351.4	5944.7	5532.5	5113.7	4696.6	4295.7
40°	8922.3	8562.9	8178.6	7776.9	7367.0	6935.3	6490.0	6031.5	5576.7	5118.1	4664.5
37.5°	9706.9	9318.6	8902.3	8460.0	8000.8	7522.6	7032.7	6536.3	6034.7	5541.2	5049.2
35°	10511.7	10086.6	9627.2	9144.0	8638.7	8115.2	7577.7	7034.1	6494.5	5960.8	5427.7
32.5°	11309.2	10848.6	10353.3	9824.5	9268.2	8698.5	8120.6	7533.5	6942.9	6373.0	5805.3
30°	12113.5	11603.4	11066.8	10495.5	9892.3	9272.0	8646.0	8024.1	7394.6	6767.5	6166.9
27.5°	12901.5	12344.8	11761.6	11144.0	10499.6	9834.0	9161.5	8497.7	7826.4	7159.6	6512.0
25°	13668.4	13067.4	12424.1	11764.3	11081.1	10371.6	9648.7	8946.4	8245.4	7531.9	6821.7
22.5°	14406.5	13748.5	13055.1	12349.4	11630.6	10885.1	10114.2	9357.4	8631.9	7865.7	7123.6
20°	15087.0	14380.6	13640.2	12896.9	12136.7	11374.0	10547.9	9742.9	8962.6	8175.8	7397.3
17.5°	15690.9	14973.1	14196.5	13413.0	12603.7	11800.7	10953.3	10093.7	9266.9	8451.3	7638.2
15°	16223.1	15506.0	14719.5	13893.4	13029.3	12152.2	11296.5	10403.7	9544.2	8694.9	7860.9
12.5°	16706.5	15955.7	15170.3	14296.6	13379.3	12464.3	11574.3	10675.2	9790.8	8917.8	8061.2
10°	17140.4	16324.1	15493.0	14607.6	13672.2	12727.6	11811.2	10903.6	10000.6	9108.6	8226.4
7.5°	17437.7	16597.5	15738.7	14856.3	13919.3	12959.9	12016.0	11087.1	10164.2	9260.6	8355.2
5°	17657.2	16813.1	15951.7	15056.9	14111.3	13133.3	12167.0	11220.2	10280.7	9371.7	8447.0
2.5°	17825.7	16960.6	16097.0	15182.3	14235.4	13250.4	12275.0	11320.2	10373.2	9453.2	8528.1
0°	17945.3	17015.7	16180.7	15282.6	14313.7	13321.1	12344.3	11383.2	10430.0	9492.6	8570.9
-2.5°	17825.7	16960.6	16097.0	15182.3	14235.4	13250.4	12275.0	11320.2	10373.2	9453.2	8528.1
-5°	17657.2	16813.1	15951.7	15056.9	14111.3	13133.3	12167.0	11220.2	10280.7	9371.7	8447.0
-7.5°	17437.7	16597.5	15738.7	14856.3	13919.3	12959.9	12016.0	11087.1	10164.2	9260.6	8355.2
-10°	17140.4	16324.1	15493.0	14607.6	13672.2	12727.6	11811.2	10903.6	10000.6	9108.6	8226.4
-12.5°	16706.5	15955.7	15170.3	14296.6	13379.3	12464.3	11574.3	10675.2	9790.8	8917.8	8061.2
-15°	16223.1	15506.0	14719.5	13893.4	13029.3	12152.2	11296.5	10403.7	9544.2	8694.9	7860.9
-17.5°	15690.9	14973.1	14196.5	13413.0	12603.7	11800.7	10953.3	10093.7	9266.9	8451.3	7638.2
-20°	15087.0	14380.6	13640.2	12896.9	12136.7	11374.0	10547.9	9742.9	8962.6	8175.8	7397.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14406.5	13748.5	13055.1	12349.4	11630.6	10885.1	10114.2	9357.4	8631.9	7865.7	7123.6
-25°	13668.4	13067.4	12424.1	11764.3	11081.1	10371.6	9648.7	8946.4	8245.4	7531.9	6821.7
-27.5°	12901.5	12344.8	11761.6	11144.0	10499.6	9834.0	9161.5	8497.7	7826.4	7159.6	6512.0
-30°	12113.5	11603.4	11066.8	10495.5	9892.3	9272.0	8646.0	8024.1	7394.6	6767.5	6166.9
-32.5°	11309.2	10848.6	10353.3	9824.5	9268.2	8698.5	8120.6	7533.5	6942.9	6373.0	5805.3
-35°	10511.7	10086.6	9627.2	9144.0	8638.7	8115.2	7577.7	7034.1	6494.5	5960.8	5427.7
-37.5°	9706.9	9318.6	8902.3	8460.0	8000.8	7522.6	7032.7	6536.3	6034.7	5541.2	5049.2
-40°	8922.3	8562.9	8178.6	7776.9	7367.0	6935.3	6490.0	6031.5	5576.7	5118.1	4664.5
-42.5°	8155.3	7823.0	7470.6	7119.2	6743.2	6351.4	5944.7	5532.5	5113.7	4696.6	4295.7
-45°	7385.2	7089.8	6785.0	6465.5	6120.8	5771.0	5406.4	5032.3	4651.2	4289.5	3922.7
-47.5°	6619.6	6380.2	6108.2	5818.1	5516.6	5199.6	4874.5	4532.8	4216.0	3887.2	3574.3
-50°	5923.1	5702.0	5457.3	5195.1	4931.8	4647.8	4362.2	4078.2	3791.8	3508.2	3232.8
-52.5°	5237.2	5044.3	4832.0	4603.8	4367.1	4122.0	3872.4	3636.1	3383.3	3152.2	2922.3
-55°	4572.1	4411.0	4227.9	4026.9	3818.9	3630.3	3424.9	3219.2	3025.0	2820.7	2630.5
-57.5°	3947.7	3811.2	3665.4	3509.5	3344.6	3182.0	3017.8	2848.1	2686.9	2518.6	2346.0
-60°	3384.4	3273.5	3161.8	3039.6	2906.9	2767.7	2640.9	2506.0	2363.5	2225.4	2072.9
-62.5°	2876.3	2801.8	2704.7	2606.1	2505.6	2401.9	2290.3	2179.3	2066.6	1944.6	1805.6
-65°	2396.9	2338.3	2266.8	2198.8	2124.7	2044.0	1952.9	1862.6	1768.2	1664.7	1541.2
-67.5°	1960.8	1920.3	1871.0	1818.5	1765.4	1703.3	1632.0	1554.2	1477.0	1390.8	1293.4
-70°	1592.3	1566.0	1531.1	1487.7	1444.9	1400.2	1347.2	1283.4	1208.6	1131.0	1060.0
-72.5°	1293.9	1277.2	1254.0	1222.0	1184.1	1143.6	1094.2	1036.2	972.1	901.8	838.1
-75°	1048.3	1041.0	1026.0	993.5	954.5	908.7	861.1	808.6	747.3	676.9	616.5
-77.5°	831.4	832.4	825.7	790.2	751.2	708.7	660.0	600.3	540.4	480.0	433.9
-80°	610.6	614.6	610.6	575.0	538.9	502.5	463.9	414.2	364.0	316.2	280.4
-82.5°	378.7	377.0	371.5	350.2	328.6	307.0	284.2	250.2	216.9	184.4	156.1
-85°	180.3	173.3	165.8	157.9	149.6	140.9	131.6	115.4	100.3	86.3	74.2
-87.5°	29.6	29.1	28.5	27.9	27.3	26.6	25.8	25.0	24.1	23.2	22.3
-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: P627901 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	22.6	22.8	22.8	22.6	20.1	17.7	15.4	13.3	12.1	10.8	9.5
85°	74.5	72.7	68.8	62.4	49.1	35.3	30.8	26.6	24.1	21.5	18.9
82.5°	155.5	157.1	157.0	152.3	134.4	115.6	95.8	75.4	55.8	35.5	28.3
80°	280.9	277.8	271.2	258.4	228.9	195.7	170.6	144.7	119.3	92.9	65.3
77.5°	424.6	412.5	397.7	380.8	349.6	312.9	270.7	222.9	182.6	150.0	116.1
75°	585.3	566.0	545.2	517.1	477.0	431.1	384.8	329.1	267.1	208.8	166.4
72.5°	786.9	740.1	698.3	659.0	615.5	564.2	505.1	433.3	358.1	287.1	220.5
70°	991.0	920.8	858.3	804.7	752.3	698.6	633.7	545.2	447.4	363.8	285.4
67.5°	1198.2	1115.3	1031.6	951.3	885.2	822.0	759.4	656.5	544.4	438.9	348.9
65°	1427.0	1316.3	1209.9	1110.8	1021.1	942.1	868.6	760.7	638.6	519.9	410.5
62.5°	1662.7	1521.5	1395.5	1269.1	1157.3	1061.2	972.9	853.9	728.5	598.2	475.0
60°	1910.4	1749.6	1582.1	1434.6	1297.5	1176.0	1069.0	945.7	812.7	673.5	538.9
57.5°	2171.2	1982.2	1794.1	1607.5	1442.9	1297.1	1162.5	1032.9	895.5	747.8	598.5
55°	2435.4	2231.9	2009.4	1799.1	1597.2	1423.7	1261.4	1116.4	975.4	820.9	650.0
52.5°	2700.1	2476.4	2237.6	1994.7	1768.7	1551.6	1370.3	1197.9	1048.9	892.3	703.5
50°	2976.8	2720.5	2464.6	2202.2	1939.4	1701.4	1475.4	1291.3	1120.3	960.1	754.4
47.5°	3264.9	2979.2	2694.5	2407.7	2125.9	1844.7	1598.1	1382.7	1189.4	1021.5	801.6
45°	3580.6	3246.6	2931.3	2621.3	2302.6	1999.6	1722.4	1470.3	1267.6	1069.3	845.2
42.5°	3896.2	3528.8	3176.5	2831.7	2487.5	2153.6	1840.1	1573.3	1342.4	1115.0	885.3
40°	4231.8	3811.9	3421.4	3047.2	2668.1	2299.9	1970.5	1673.7	1412.4	1162.5	923.2
37.5°	4558.1	4102.2	3673.0	3253.1	2845.0	2458.0	2095.9	1767.9	1478.9	1215.8	959.2
35°	4903.5	4393.8	3905.7	3460.3	3027.1	2607.9	2213.4	1862.8	1555.5	1267.8	993.1
32.5°	5237.2	4679.0	4155.5	3664.7	3201.0	2749.2	2334.2	1963.3	1629.1	1318.3	1024.8
30°	5565.2	4965.2	4394.9	3858.0	3369.5	2897.5	2455.3	2057.2	1699.4	1367.0	1056.6
27.5°	5867.4	5230.3	4624.3	4057.8	3535.1	3038.1	2569.7	2144.4	1766.2	1417.1	1093.4
25°	6149.1	5485.3	4850.4	4250.1	3688.8	3171.3	2675.1	2225.0	1834.2	1469.3	1127.6
22.5°	6413.3	5722.1	5055.4	4427.2	3831.2	3293.6	2777.8	2310.9	1898.5	1517.4	1159.0
20°	6653.5	5935.4	5238.9	4587.7	3969.7	3410.2	2876.6	2387.8	1956.0	1561.1	1187.2
17.5°	6869.9	6130.3	5414.1	4737.7	4098.6	3513.7	2964.4	2455.7	2006.4	1600.0	1212.0
15°	7070.7	6307.5	5569.0	4868.7	4210.3	3603.8	3040.8	2514.3	2049.7	1633.8	1235.7
12.5°	7243.3	6459.4	5700.4	4980.0	4304.3	3680.2	3105.5	2563.3	2085.6	1664.4	1258.0
10°	7385.4	6585.1	5807.7	5070.9	4380.4	3742.4	3158.0	2604.6	2119.3	1690.8	1275.1
7.5°	7496.1	6683.4	5890.4	5141.1	4440.7	3794.3	3202.7	2640.2	2146.4	1711.1	1287.1
5°	7579.9	6760.2	5962.3	5199.9	4496.2	3836.2	3235.2	2665.8	2166.1	1725.1	1293.9
2.5°	7654.4	6817.8	6018.8	5238.1	4533.9	3863.6	3254.8	2681.2	2178.1	1732.5	1295.5
0°	7696.5	6845.7	6050.0	5254.4	4553.3	3875.8	3261.3	2686.3	2182.1	1733.1	1291.9
-2.5°	7654.4	6817.8	6018.8	5238.1	4533.9	3863.6	3254.8	2681.2	2178.1	1732.5	1295.5
-5°	7579.9	6760.2	5962.3	5199.9	4496.2	3836.2	3235.2	2665.8	2166.1	1725.1	1293.9
-7.5°	7496.1	6683.4	5890.4	5141.1	4440.7	3794.3	3202.7	2640.2	2146.4	1711.1	1287.1
-10°	7385.4	6585.1	5807.7	5070.9	4380.4	3742.4	3158.0	2604.6	2119.3	1690.8	1275.1
-12.5°	7243.3	6459.4	5700.4	4980.0	4304.3	3680.2	3105.5	2563.3	2085.6	1664.4	1258.0
-15°	7070.7	6307.5	5569.0	4868.7	4210.3	3603.8	3040.8	2514.3	2049.7	1633.8	1235.7
-17.5°	6869.9	6130.3	5414.1	4737.7	4098.6	3513.7	2964.4	2455.7	2006.4	1600.0	1212.0
-20°	6653.5	5935.4	5238.9	4587.7	3969.7	3410.2	2876.6	2387.8	1956.0	1561.1	1187.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6413.3	5722.1	5055.4	4427.2	3831.2	3293.6	2777.8	2310.9	1898.5	1517.4	1159.0
-25°	6149.1	5485.3	4850.4	4250.1	3688.8	3171.3	2675.1	2225.0	1834.2	1469.3	1127.6
-27.5°	5867.4	5230.3	4624.3	4057.8	3535.1	3038.1	2569.7	2144.4	1766.2	1417.1	1093.4
-30°	5565.2	4965.2	4394.9	3858.0	3369.5	2897.5	2455.3	2057.2	1699.4	1367.0	1056.6
-32.5°	5237.2	4679.0	4155.5	3664.7	3201.0	2749.2	2334.2	1963.3	1629.1	1318.3	1024.8
-35°	4903.5	4393.8	3905.7	3460.3	3027.1	2607.9	2213.4	1862.8	1555.5	1267.8	993.1
-37.5°	4558.1	4102.2	3673.0	3253.1	2845.0	2458.0	2095.9	1767.9	1478.9	1215.8	959.2
-40°	4231.8	3811.9	3421.4	3047.2	2668.1	2299.9	1970.5	1673.7	1412.4	1162.5	923.2
-42.5°	3896.2	3528.8	3176.5	2831.7	2487.5	2153.6	1840.1	1573.3	1342.4	1115.0	885.3
-45°	3580.6	3246.6	2931.3	2621.3	2302.6	1999.6	1722.4	1470.3	1267.6	1069.3	845.2
-47.5°	3264.9	2979.2	2694.5	2407.7	2125.9	1844.7	1598.1	1382.7	1189.4	1021.5	801.6
-50°	2976.8	2720.5	2464.6	2202.2	1939.4	1701.4	1475.4	1291.3	1120.3	960.1	754.4
-52.5°	2700.1	2476.4	2237.6	1994.7	1768.7	1551.6	1370.3	1197.9	1048.9	892.3	703.5
-55°	2435.4	2231.9	2009.4	1799.1	1597.2	1423.7	1261.4	1116.4	975.4	820.9	650.0
-57.5°	2171.2	1982.2	1794.1	1607.5	1442.9	1297.1	1162.5	1032.9	895.5	747.8	598.5
-60°	1910.4	1749.6	1582.1	1434.6	1297.5	1176.0	1069.0	945.7	812.7	673.5	538.9
-62.5°	1662.7	1521.5	1395.5	1269.1	1157.3	1061.2	972.9	853.9	728.5	598.2	475.0
-65°	1427.0	1316.3	1209.9	1110.8	1021.1	942.1	868.6	760.7	638.6	519.9	410.5
-67.5°	1198.2	1115.3	1031.6	951.3	885.2	822.0	759.4	656.5	544.4	438.9	348.9
-70°	991.0	920.8	858.3	804.7	752.3	698.6	633.7	545.2	447.4	363.8	285.4
-72.5°	786.9	740.1	698.3	659.0	615.5	564.2	505.1	433.3	358.1	287.1	220.5
-75°	585.3	566.0	545.2	517.1	477.0	431.1	384.8	329.1	267.1	208.8	166.4
-77.5°	424.6	412.5	397.7	380.8	349.6	312.9	270.7	222.9	182.6	150.0	116.1
-80°	280.9	277.8	271.2	258.4	228.9	195.7	170.6	144.7	119.3	92.9	65.3
-82.5°	155.5	157.1	157.0	152.3	134.4	115.6	95.8	75.4	55.8	35.5	28.3
-85°	74.5	72.7	68.8	62.4	49.1	35.3	30.8	26.6	24.1	21.5	18.9
-87.5°	22.6	22.8	22.8	22.6	20.1	17.7	15.4	13.3	12.1	10.8	9.5
-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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Cooper Lighting Solutions Photometric Lab  
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**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	6.8	5.5	4.1	2.7	1.2	0.0
85°	16.3	13.6	10.9	8.2	5.5	2.4	0.0
82.5°	24.4	20.4	16.4	12.3	8.2	3.6	0.0
80°	36.7	27.1	21.8	16.4	10.9	4.8	0.0
77.5°	80.0	42.5	27.1	20.4	13.5	5.9	0.0
75°	122.2	73.6	35.4	24.4	16.1	7.1	0.0
72.5°	163.1	103.8	56.4	28.3	18.7	8.2	0.0
70°	204.0	132.9	76.7	34.0	21.2	9.3	0.0
67.5°	253.1	160.8	96.2	46.5	23.6	10.4	0.0
65°	300.0	192.1	114.9	58.6	26.0	11.5	0.0
62.5°	344.6	226.3	132.6	70.1	28.2	12.5	0.0
60°	386.6	258.7	149.2	81.0	30.4	13.5	0.0
57.5°	430.8	289.0	171.3	91.3	36.6	14.5	0.0
55°	472.7	317.3	192.4	100.9	42.5	15.4	0.0
52.5°	511.5	344.2	212.0	109.7	48.3	16.3	0.0
50°	547.1	372.6	230.1	117.8	53.8	17.1	0.0
47.5°	580.4	398.7	246.6	126.2	59.1	17.9	0.0
45°	617.4	422.1	261.4	137.1	64.1	18.7	0.0
42.5°	651.3	443.0	274.5	147.0	68.8	19.4	0.0
40°	682.1	461.3	287.7	157.2	73.3	20.0	0.0
37.5°	709.7	476.8	300.8	167.2	77.4	20.6	0.0
35°	734.0	494.8	312.0	176.5	81.3	21.2	0.0
32.5°	756.6	512.8	321.4	185.1	84.8	21.7	0.0
30°	780.0	528.2	328.9	193.0	88.1	22.1	0.0
27.5°	801.0	540.9	340.2	200.1	91.0	22.6	0.0
25°	819.5	551.0	350.8	206.5	93.7	22.9	0.0
22.5°	835.3	561.2	360.1	212.1	96.0	23.2	0.0
20°	848.4	575.1	368.1	217.0	98.0	23.4	0.0
17.5°	864.8	586.5	374.8	221.1	99.6	23.6	0.0
15°	881.8	595.4	380.2	224.4	101.0	23.8	0.0
12.5°	895.6	601.8	384.4	227.0	102.0	23.9	0.0
10°	906.2	605.8	387.2	228.8	102.7	23.9	0.0
7.5°	913.4	607.4	388.8	229.9	103.1	23.9	0.0
5°	917.1	606.7	389.1	230.1	103.2	23.9	0.0
2.5°	917.2	603.8	388.2	229.7	102.9	23.7	0.0
0°	913.8	598.7	386.0	228.5	102.4	23.6	0.0
-2.5°	917.2	603.8	388.2	229.7	102.9	23.7	0.0
-5°	917.1	606.7	389.1	230.1	103.2	23.9	0.0
-7.5°	913.4	607.4	388.8	229.9	103.1	23.9	0.0
-10°	906.2	605.8	387.2	228.8	102.7	23.9	0.0
-12.5°	895.6	601.8	384.4	227.0	102.0	23.9	0.0
-15°	881.8	595.4	380.2	224.4	101.0	23.8	0.0
-17.5°	864.8	586.5	374.8	221.1	99.6	23.6	0.0
-20°	848.4	575.1	368.1	217.0	98.0	23.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	835.3	561.2	360.1	212.1	96.0	23.2	0.0
-25°	819.5	551.0	350.8	206.5	93.7	22.9	0.0
-27.5°	801.0	540.9	340.2	200.1	91.0	22.6	0.0
-30°	780.0	528.2	328.9	193.0	88.1	22.1	0.0
-32.5°	756.6	512.8	321.4	185.1	84.8	21.7	0.0
-35°	734.0	494.8	312.0	176.5	81.3	21.2	0.0
-37.5°	709.7	476.8	300.8	167.2	77.4	20.6	0.0
-40°	682.1	461.3	287.7	157.2	73.3	20.0	0.0
-42.5°	651.3	443.0	274.5	147.0	68.8	19.4	0.0
-45°	617.4	422.1	261.4	137.1	64.1	18.7	0.0
-47.5°	580.4	398.7	246.6	126.2	59.1	17.9	0.0
-50°	547.1	372.6	230.1	117.8	53.8	17.1	0.0
-52.5°	511.5	344.2	212.0	109.7	48.3	16.3	0.0
-55°	472.7	317.3	192.4	100.9	42.5	15.4	0.0
-57.5°	430.8	289.0	171.3	91.3	36.6	14.5	0.0
-60°	386.6	258.7	149.2	81.0	30.4	13.5	0.0
-62.5°	344.6	226.3	132.6	70.1	28.2	12.5	0.0
-65°	300.0	192.1	114.9	58.6	26.0	11.5	0.0
-67.5°	253.1	160.8	96.2	46.5	23.6	10.4	0.0
-70°	204.0	132.9	76.7	34.0	21.2	9.3	0.0
-72.5°	163.1	103.8	56.4	28.3	18.7	8.2	0.0
-75°	122.2	73.6	35.4	24.4	16.1	7.1	0.0
-77.5°	80.0	42.5	27.1	20.4	13.5	5.9	0.0
-80°	36.7	27.1	21.8	16.4	10.9	4.8	0.0
-82.5°	24.4	20.4	16.4	12.3	8.2	3.6	0.0
-85°	16.3	13.6	10.9	8.2	5.5	2.4	0.0
-87.5°	8.2	6.8	5.5	4.1	2.7	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)