

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: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-730-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N139  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

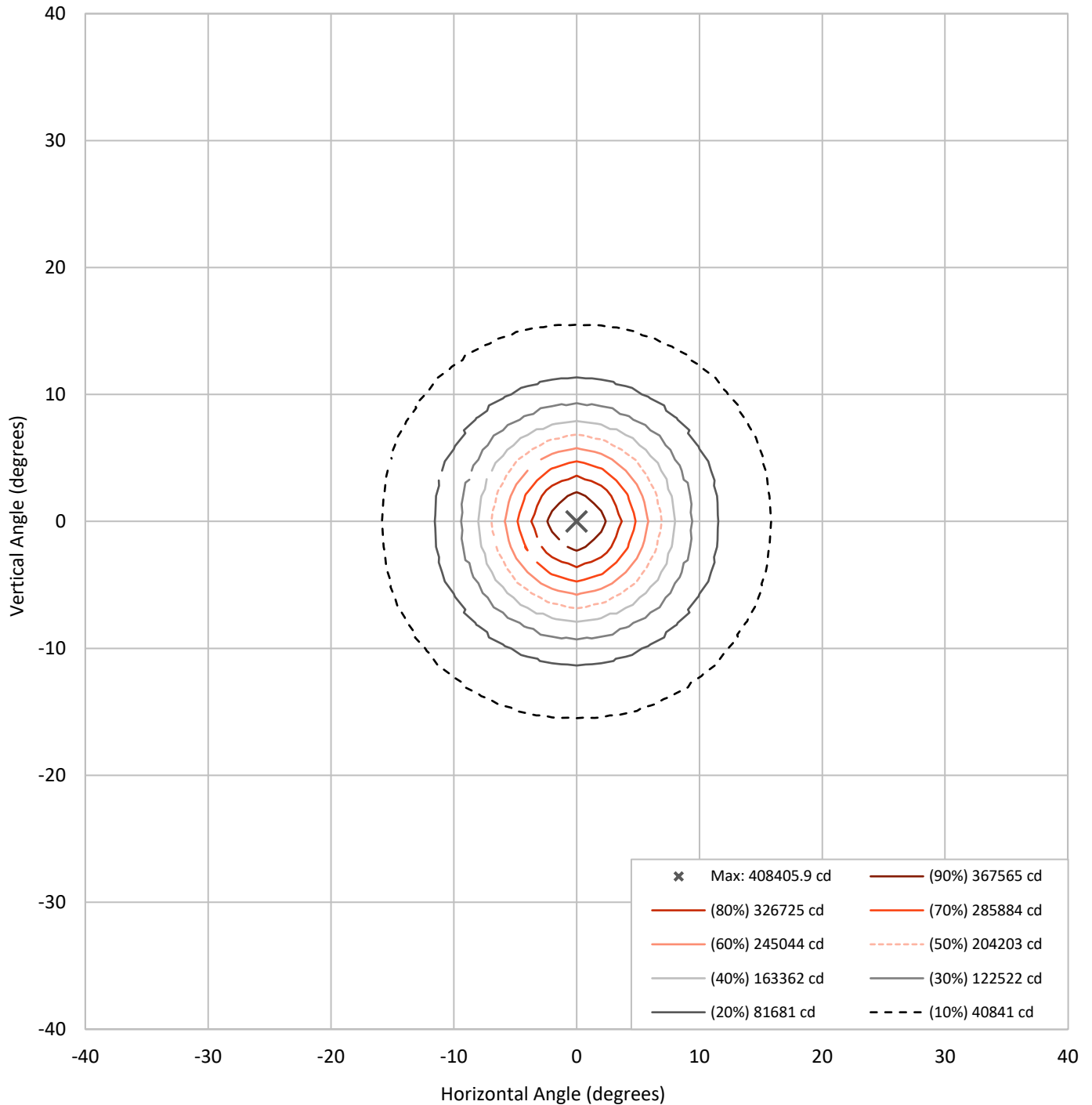
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	43366.8 lumens	Max Intensity:	408405.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	12821.6 lumens	Field Lumens:	28853.9 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	325.9		
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





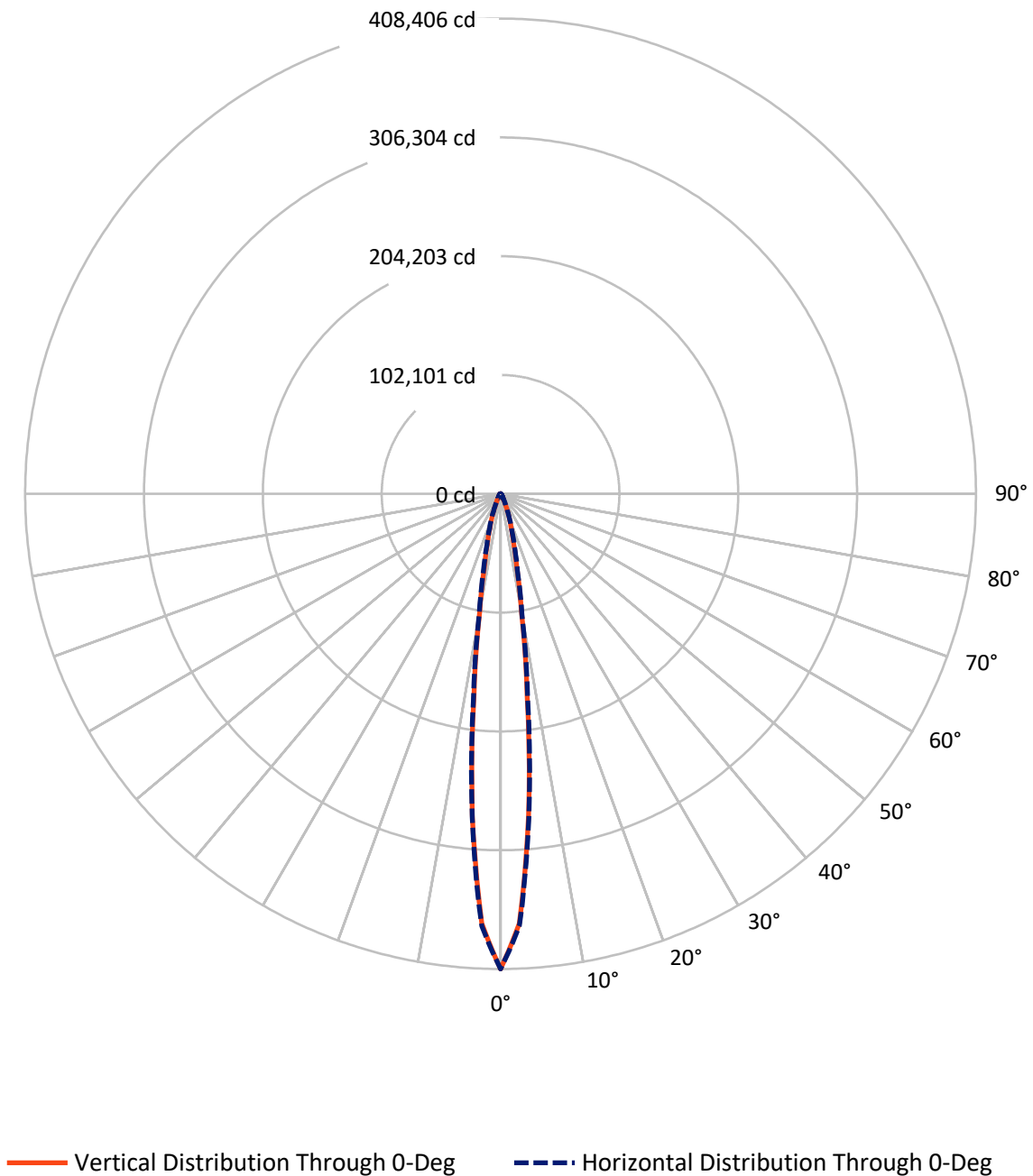
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### Lumen Table

90	0.8		5.9		15.6		25.2		27.6		25.2		15.6		5.9		0.8		
80	0.8		5.9		15.6		25.2		27.6		25.2		15.6		5.9		0.8		
70	2.7	3.0	6.3	10.3	14.5	17.8	20.0	20.9	20.9	20.0	17.8	14.5	10.3	6.3	3.0	2.7			
60		4.6	9.4	15.3	20.5	25.0	28.0	29.2	29.2	28.0	25.0	20.5	15.3	9.4	4.6				
50	4.7	6.0	12.2	18.8	25.1	31.5	37.1	40.0	40.0	37.1	31.5	25.1	18.8	12.2	6.0	4.7			
40		7.3	14.3	21.7	30.8	44.4	62.5	77.4	77.4	62.5	44.4	30.8	21.7	14.3	7.3				
30	6.1	8.2	15.7	24.5	39.9	79.3	180.4	298.7	298.7	180.4	79.3	39.9	24.5	15.7	8.2	6.1			
20		8.8	16.5	27.0	53.0	168.3	597.4	1286.8	1286.8	597.4	168.3	53.0	27.0	16.5	8.8				
10	6.6	9.1	16.8	28.7	64.0	277.3	1298.8	5610.5	5610.5	1298.8	277.3	64.0	28.7	16.8	9.1	6.6			
0		9.1	16.8	28.7	64.0	277.3	1298.8	5610.5	5610.5	1298.8	277.3	64.0	28.7	16.8	9.1				
-10	6.1	8.8	16.5	27.0	53.0	168.3	597.4	1286.8	1286.8	597.4	168.3	53.0	27.0	16.5	8.8	6.1			
-20		8.2	15.7	24.5	39.9	79.3	180.4	298.7	298.7	180.4	79.3	39.9	24.5	15.7	8.2				
-30	4.7	7.3	14.3	21.7	30.8	44.4	62.5	77.4	77.4	62.5	44.4	30.8	21.7	14.3	7.3	4.7			
-40		6.0	12.2	18.8	25.1	31.5	37.1	40.0	40.0	37.1	31.5	25.1	18.8	12.2	6.0				
-50	2.7	4.6	9.4	15.3	20.5	25.0	28.0	29.2	29.2	28.0	25.0	20.5	15.3	9.4	4.6	2.7			
-60		3.0	6.3	10.3	14.5	17.8	20.0	20.9	20.9	20.0	17.8	14.5	10.3	6.3	3.0				
-70	0.8		5.9		15.6		25.2		27.6		25.2		15.6		5.9		0.8		
-80	0.8		5.9		15.6		25.2		27.6		25.2		15.6		5.9		0.8		
-90	0.8		5.9		15.6		25.2		27.6		25.2		15.6		5.9		0.8		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

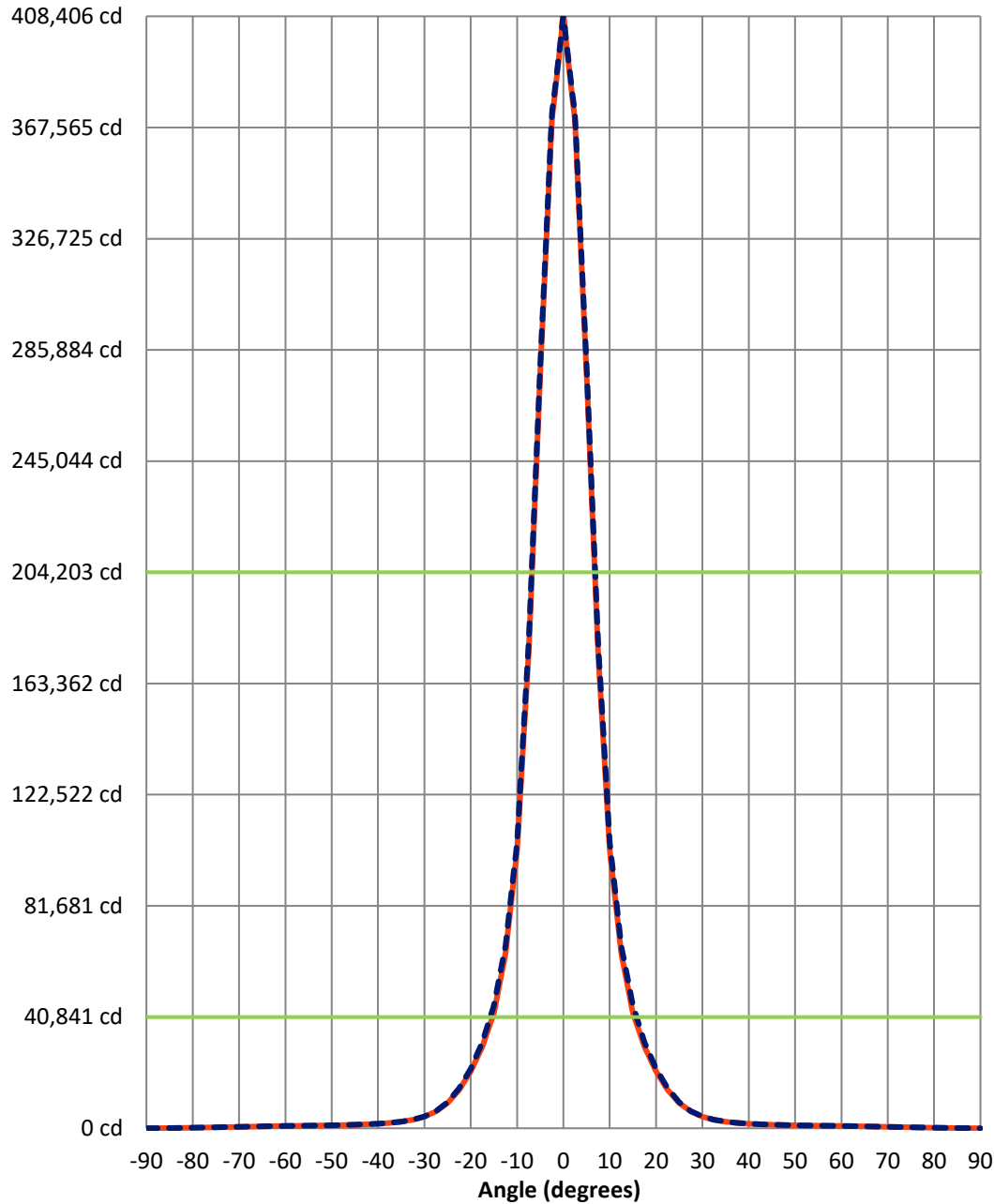
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 12821.6  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 28853.9  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 14512.9  
 Efficiency: 33.5%

— 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	1.3	3.0	4.6	6.1	7.6	9.1	10.5	12.0	13.4	14.8
85°	0.0	2.7	6.1	9.1	12.1	15.1	18.1	21.0	23.9	26.8	29.6
82.5°	0.0	4.0	9.1	13.7	18.2	22.7	27.1	31.5	36.2	42.6	48.9
80°	0.0	5.3	12.1	18.2	24.2	30.2	36.6	45.4	54.0	62.5	70.9
77.5°	0.0	6.6	15.0	22.7	30.2	38.7	49.9	60.9	71.7	82.3	93.6
75°	0.0	7.9	17.9	27.1	36.5	49.2	62.9	76.2	89.4	104.3	118.9
72.5°	0.0	9.2	20.8	31.5	44.4	59.6	75.8	92.1	109.6	126.9	143.9
70°	0.0	10.4	23.6	36.1	52.2	69.7	88.7	109.6	129.6	149.4	171.5
67.5°	0.0	11.6	26.3	41.6	59.9	79.6	103.3	126.9	149.4	174.6	199.4
65°	0.0	12.8	28.9	47.0	67.4	90.4	117.7	143.9	171.5	199.4	228.7
62.5°	0.0	13.9	31.4	52.3	74.6	102.2	131.8	162.3	193.2	224.7	261.5
60°	0.0	15.0	33.8	57.4	81.6	113.6	145.5	180.9	214.5	253.0	293.4
57.5°	0.0	16.1	37.0	62.4	90.5	124.8	160.6	199.0	237.8	280.3	324.3
55°	0.0	17.1	40.1	67.1	99.1	135.6	175.5	216.4	260.9	306.7	354.0
52.5°	0.0	18.1	43.1	71.7	107.5	146.4	190.0	235.2	283.1	332.0	382.5
50°	0.0	19.0	46.0	76.1	115.6	158.0	204.0	253.6	304.4	356.2	409.9
47.5°	0.0	19.9	48.9	80.7	123.4	169.2	217.6	271.3	324.6	379.2	436.7
45°	0.0	20.8	51.6	86.3	130.9	179.9	232.2	288.3	344.1	402.8	462.8
42.5°	0.0	21.6	54.3	91.7	138.0	190.2	246.2	304.7	362.8	425.7	488.3
40°	0.0	22.3	56.8	96.9	145.3	200.0	259.4	320.2	381.2	447.8	513.1
37.5°	0.0	23.0	59.3	101.9	152.7	209.2	272.0	334.9	399.5	468.4	537.1
35°	0.0	23.6	61.6	106.7	159.7	218.7	283.9	348.8	416.5	487.8	560.2
32.5°	0.0	24.2	63.8	111.1	166.2	227.9	295.0	361.8	432.2	506.0	580.2
30°	0.0	24.7	65.9	115.3	172.2	236.5	305.3	374.1	446.6	522.9	598.5
27.5°	0.0	25.1	67.8	119.2	178.1	244.4	314.9	385.7	459.9	538.5	614.9
25°	0.0	25.5	69.6	122.7	183.5	251.7	323.6	396.2	472.4	552.2	629.4
22.5°	0.0	25.8	71.3	126.0	188.5	258.2	331.6	405.5	483.6	564.0	642.0
20°	0.0	26.1	72.8	128.9	193.0	263.9	338.6	413.6	493.6	574.2	653.4
17.5°	0.0	26.3	74.2	131.5	196.9	268.7	344.5	420.6	502.3	582.8	663.4
15°	0.0	26.5	75.4	133.7	200.4	272.7	349.3	426.8	509.7	589.7	672.1
12.5°	0.0	26.6	76.4	135.6	203.3	275.8	353.1	432.5	515.8	595.1	679.4
10°	0.0	26.6	77.2	137.2	205.7	278.2	356.1	437.3	520.6	600.9	686.4
7.5°	0.0	26.6	77.9	138.4	207.6	279.7	358.1	441.1	523.8	605.8	694.4
5°	0.0	26.6	78.4	139.3	208.9	280.6	359.3	444.0	525.6	609.5	701.0
2.5°	0.0	26.5	78.7	139.8	209.7	280.6	359.5	445.7	526.0	611.7	705.8
0°	0.0	26.3	78.8	140.0	210.0	280.0	358.8	446.3	525.0	612.5	708.8
-2.5°	0.0	26.5	78.7	139.8	209.7	280.6	359.5	445.7	526.0	611.7	705.8
-5°	0.0	26.6	78.4	139.3	208.9	280.6	359.3	444.0	525.6	609.5	701.0
-7.5°	0.0	26.6	77.9	138.4	207.6	279.7	358.1	441.1	523.8	605.8	694.4
-10°	0.0	26.6	77.2	137.2	205.7	278.2	356.1	437.3	520.6	600.9	686.4
-12.5°	0.0	26.6	76.4	135.6	203.3	275.8	353.1	432.5	515.8	595.1	679.4
-15°	0.0	26.5	75.4	133.7	200.4	272.7	349.3	426.8	509.7	589.7	672.1
-17.5°	0.0	26.3	74.2	131.5	196.9	268.7	344.5	420.6	502.3	582.8	663.4
-20°	0.0	26.1	72.8	128.9	193.0	263.9	338.6	413.6	493.6	574.2	653.4

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	25.8	71.3	126.0	188.5	258.2	331.6	405.5	483.6	564.0	642.0
-25°	0.0	25.5	69.6	122.7	183.5	251.7	323.6	396.2	472.4	552.2	629.4
-27.5°	0.0	25.1	67.8	119.2	178.1	244.4	314.9	385.7	459.9	538.5	614.9
-30°	0.0	24.7	65.9	115.3	172.2	236.5	305.3	374.1	446.6	522.9	598.5
-32.5°	0.0	24.2	63.8	111.1	166.2	227.9	295.0	361.8	432.2	506.0	580.2
-35°	0.0	23.6	61.6	106.7	159.7	218.7	283.9	348.8	416.5	487.8	560.2
-37.5°	0.0	23.0	59.3	101.9	152.7	209.2	272.0	334.9	399.5	468.4	537.1
-40°	0.0	22.3	56.8	96.9	145.3	200.0	259.4	320.2	381.2	447.8	513.1
-42.5°	0.0	21.6	54.3	91.7	138.0	190.2	246.2	304.7	362.8	425.7	488.3
-45°	0.0	20.8	51.6	86.3	130.9	179.9	232.2	288.3	344.1	402.8	462.8
-47.5°	0.0	19.9	48.9	80.7	123.4	169.2	217.6	271.3	324.6	379.2	436.7
-50°	0.0	19.0	46.0	76.1	115.6	158.0	204.0	253.6	304.4	356.2	409.9
-52.5°	0.0	18.1	43.1	71.7	107.5	146.4	190.0	235.2	283.1	332.0	382.5
-55°	0.0	17.1	40.1	67.1	99.1	135.6	175.5	216.4	260.9	306.7	354.0
-57.5°	0.0	16.1	37.0	62.4	90.5	124.8	160.6	199.0	237.8	280.3	324.3
-60°	0.0	15.0	33.8	57.4	81.6	113.6	145.5	180.9	214.5	253.0	293.4
-62.5°	0.0	13.9	31.4	52.3	74.6	102.2	131.8	162.3	193.2	224.7	261.5
-65°	0.0	12.8	28.9	47.0	67.4	90.4	117.7	143.9	171.5	199.4	228.7
-67.5°	0.0	11.6	26.3	41.6	59.9	79.6	103.3	126.9	149.4	174.6	199.4
-70°	0.0	10.4	23.6	36.1	52.2	69.7	88.7	109.6	129.6	149.4	171.5
-72.5°	0.0	9.2	20.8	31.5	44.4	59.6	75.8	92.1	109.6	126.9	143.9
-75°	0.0	7.9	17.9	27.1	36.5	49.2	62.9	76.2	89.4	104.3	118.9
-77.5°	0.0	6.6	15.0	22.7	30.2	38.7	49.9	60.9	71.7	82.3	93.6
-80°	0.0	5.3	12.1	18.2	24.2	30.2	36.6	45.4	54.0	62.5	70.9
-82.5°	0.0	4.0	9.1	13.7	18.2	22.7	27.1	31.5	36.2	42.6	48.9
-85°	0.0	2.7	6.1	9.1	12.1	15.1	18.1	21.0	23.9	26.8	29.6
-87.5°	0.0	1.3	3.0	4.6	6.1	7.6	9.1	10.5	12.0	13.4	14.8
-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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**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°	16.2	17.5	18.8	20.1	21.3	22.5	23.6	24.7	25.8	26.8	27.8
85°	32.3	35.0	38.9	42.7	45.9	48.7	51.1	53.1	56.7	60.5	64.4
82.5°	55.1	61.1	67.0	72.7	76.6	79.7	82.8	87.3	95.0	102.4	109.2
80°	79.1	87.1	96.2	105.1	112.7	120.3	128.2	136.4	144.9	152.8	160.5
77.5°	105.5	117.2	128.6	139.8	150.8	162.7	174.2	185.3	195.9	206.0	215.6
75°	133.2	147.2	162.6	177.8	192.6	206.9	221.0	236.0	250.3	264.0	277.0
72.5°	162.3	180.9	199.1	216.9	236.0	254.8	273.0	290.5	307.5	325.4	344.2
70°	193.2	214.5	238.2	260.9	282.3	304.7	327.2	346.5	364.9	389.5	414.6
67.5°	225.0	253.8	280.5	306.1	334.7	361.1	384.0	408.5	434.8	463.1	488.0
65°	262.5	293.7	324.9	357.3	390.3	417.8	446.4	476.8	506.5	534.8	561.7
62.5°	299.5	334.8	370.6	405.9	439.8	472.8	507.3	541.2	573.8	606.7	635.7
60°	335.1	375.2	413.0	449.9	488.4	529.3	567.6	605.1	644.2	681.5	701.0
57.5°	369.6	412.4	451.9	493.3	538.4	584.7	624.9	667.4	701.0	726.8	752.0
55°	402.0	446.4	489.7	536.3	585.3	633.4	678.2	716.1	747.0	770.7	797.4
52.5°	432.2	479.2	526.3	577.2	629.2	680.5	727.3	762.8	790.6	814.9	840.0
50°	462.0	511.3	561.1	616.9	672.7	727.2	773.1	805.6	831.9	856.7	882.5
47.5°	491.3	543.0	596.7	656.1	716.5	769.2	812.7	842.3	868.9	898.1	926.3
45°	520.0	576.0	632.8	696.6	757.3	808.0	845.0	874.8	907.5	939.1	969.4
42.5°	548.1	608.4	670.0	736.1	794.8	840.6	875.1	910.2	945.5	979.2	1013.3
40°	576.3	639.5	704.8	770.6	829.6	869.2	905.7	943.6	982.5	1019.0	1056.9
37.5°	603.4	668.9	736.1	802.7	856.3	896.3	934.3	976.1	1017.1	1057.0	1106.2
35°	629.2	695.5	763.4	827.8	879.4	920.8	963.3	1007.2	1050.3	1101.8	1158.0
32.5°	652.2	719.5	788.3	848.3	898.8	943.5	991.0	1037.0	1088.7	1147.0	1214.5
30°	671.6	740.5	809.5	868.1	917.5	964.7	1016.3	1067.0	1127.4	1197.6	1277.8
27.5°	688.6	759.3	826.4	885.1	935.2	982.3	1036.6	1100.6	1169.9	1248.7	1342.9
25°	704.5	778.3	842.4	900.6	949.4	998.6	1056.8	1127.5	1211.0	1305.8	1421.0
22.5°	719.6	796.6	858.6	915.3	960.5	1013.7	1079.2	1156.1	1246.9	1358.0	1498.3
20°	733.9	810.3	871.6	926.8	968.9	1026.8	1099.0	1181.2	1284.2	1416.7	1579.0
17.5°	747.2	822.0	881.7	933.7	979.8	1040.8	1116.4	1201.5	1316.7	1470.1	1653.2
15°	759.2	831.8	889.8	939.3	989.6	1055.5	1134.6	1226.8	1352.6	1520.9	1718.9
12.5°	769.9	839.7	896.1	943.6	997.4	1067.4	1150.7	1253.1	1391.2	1571.0	1802.3
10°	778.9	845.7	900.4	946.5	1003.3	1076.7	1164.2	1274.4	1422.0	1609.7	1866.3
7.5°	786.7	850.6	903.5	948.2	1007.1	1083.1	1174.7	1290.7	1443.5	1637.2	1912.6
5°	792.1	854.4	907.1	953.6	1013.0	1088.1	1182.3	1301.9	1456.1	1653.6	1941.4
2.5°	795.3	856.7	909.3	958.7	1019.4	1092.5	1188.1	1314.1	1466.3	1669.5	1963.4
0°	796.3	857.5	910.0	962.5	1023.8	1093.8	1190.0	1321.3	1470.0	1680.0	1977.5
-2.5°	795.3	856.7	909.3	958.7	1019.4	1092.5	1188.1	1314.1	1466.3	1669.5	1963.4
-5°	792.1	854.4	907.1	953.6	1013.0	1088.1	1182.3	1301.9	1456.1	1653.6	1941.4
-7.5°	786.7	850.6	903.5	948.2	1007.1	1083.1	1174.7	1290.7	1443.5	1637.2	1912.6
-10°	778.9	845.7	900.4	946.5	1003.3	1076.7	1164.2	1274.4	1422.0	1609.7	1866.3
-12.5°	769.9	839.7	896.1	943.6	997.4	1067.4	1150.7	1253.1	1391.2	1571.0	1802.3
-15°	759.2	831.8	889.8	939.3	989.6	1055.5	1134.6	1226.8	1352.6	1520.9	1718.9
-17.5°	747.2	822.0	881.7	933.7	979.8	1040.8	1116.4	1201.5	1316.7	1470.1	1653.2
-20°	733.9	810.3	871.6	926.8	968.9	1026.8	1099.0	1181.2	1284.2	1416.7	1579.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	719.6	796.6	858.6	915.3	960.5	1013.7	1079.2	1156.1	1246.9	1358.0	1498.3
-25°	704.5	778.3	842.4	900.6	949.4	998.6	1056.8	1127.5	1211.0	1305.8	1421.0
-27.5°	688.6	759.3	826.4	885.1	935.2	982.3	1036.6	1100.6	1169.9	1248.7	1342.9
-30°	671.6	740.5	809.5	868.1	917.5	964.7	1016.3	1067.0	1127.4	1197.6	1277.8
-32.5°	652.2	719.5	788.3	848.3	898.8	943.5	991.0	1037.0	1088.7	1147.0	1214.5
-35°	629.2	695.5	763.4	827.8	879.4	920.8	963.3	1007.2	1050.3	1101.8	1158.0
-37.5°	603.4	668.9	736.1	802.7	856.3	896.3	934.3	976.1	1017.1	1057.0	1106.2
-40°	576.3	639.5	704.8	770.6	829.6	869.2	905.7	943.6	982.5	1019.0	1056.9
-42.5°	548.1	608.4	670.0	736.1	794.8	840.6	875.1	910.2	945.5	979.2	1013.3
-45°	520.0	576.0	632.8	696.6	757.3	808.0	845.0	874.8	907.5	939.1	969.4
-47.5°	491.3	543.0	596.7	656.1	716.5	769.2	812.7	842.3	868.9	898.1	926.3
-50°	462.0	511.3	561.1	616.9	672.7	727.2	773.1	805.6	831.9	856.7	882.5
-52.5°	432.2	479.2	526.3	577.2	629.2	680.5	727.3	762.8	790.6	814.9	840.0
-55°	402.0	446.4	489.7	536.3	585.3	633.4	678.2	716.1	747.0	770.7	797.4
-57.5°	369.6	412.4	451.9	493.3	538.4	584.7	624.9	667.4	701.0	726.8	752.0
-60°	335.1	375.2	413.0	449.9	488.4	529.3	567.6	605.1	644.2	681.5	701.0
-62.5°	299.5	334.8	370.6	405.9	439.8	472.8	507.3	541.2	573.8	606.7	635.7
-65°	262.5	293.7	324.9	357.3	390.3	417.8	446.4	476.8	506.5	534.8	561.7
-67.5°	225.0	253.8	280.5	306.1	334.7	361.1	384.0	408.5	434.8	463.1	488.0
-70°	193.2	214.5	238.2	260.9	282.3	304.7	327.2	346.5	364.9	389.5	414.6
-72.5°	162.3	180.9	199.1	216.9	236.0	254.8	273.0	290.5	307.5	325.4	344.2
-75°	133.2	147.2	162.6	177.8	192.6	206.9	221.0	236.0	250.3	264.0	277.0
-77.5°	105.5	117.2	128.6	139.8	150.8	162.7	174.2	185.3	195.9	206.0	215.6
-80°	79.1	87.1	96.2	105.1	112.7	120.3	128.2	136.4	144.9	152.8	160.5
-82.5°	55.1	61.1	67.0	72.7	76.6	79.7	82.8	87.3	95.0	102.4	109.2
-85°	32.3	35.0	38.9	42.7	45.9	48.7	51.1	53.1	56.7	60.5	64.4
-87.5°	16.2	17.5	18.8	20.1	21.3	22.5	23.6	24.7	25.8	26.8	27.8
-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: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-NR-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°	28.7	29.5	30.3	31.0	31.7	32.3	32.9	33.4	33.8	32.1	30.2
85°	68.4	71.0	73.4	75.6	77.6	79.5	81.2	82.6	83.9	82.9	81.6
82.5°	115.3	119.9	124.0	127.9	131.5	134.7	137.7	140.2	142.5	142.3	141.7
80°	167.8	175.3	182.8	190.3	197.6	202.0	205.2	207.7	209.3	210.1	210.2
77.5°	225.5	237.1	249.2	261.1	272.7	279.5	284.3	288.3	291.5	292.1	291.5
75°	289.3	304.3	320.9	335.3	347.8	355.5	360.9	365.4	369.0	369.9	369.5
72.5°	363.7	382.2	397.0	409.2	419.8	428.0	434.7	440.4	445.0	447.0	447.2
70°	436.8	455.1	469.1	481.5	491.8	500.4	508.5	515.3	521.0	525.2	528.2
67.5°	510.9	531.7	546.2	557.4	566.2	575.2	585.9	595.1	602.8	608.0	610.6
65°	586.9	608.4	622.4	634.6	645.4	656.8	668.7	677.4	683.1	686.7	689.0
62.5°	660.5	680.6	698.1	714.4	730.0	743.0	751.2	758.5	764.7	769.9	773.9
60°	723.7	749.4	769.0	784.6	799.9	814.6	824.6	832.5	838.8	843.3	846.2
57.5°	777.7	803.8	826.9	842.1	858.6	876.3	887.9	894.6	900.7	905.9	908.4
55°	824.9	849.0	870.3	891.0	909.6	925.5	937.8	946.8	954.3	960.3	962.3
52.5°	867.4	893.6	918.6	940.6	958.9	974.0	986.2	997.3	1005.9	1011.6	1014.2
50°	911.9	940.2	967.0	991.0	1009.8	1026.8	1042.0	1055.2	1067.8	1077.7	1084.8
47.5°	955.8	985.9	1015.5	1042.0	1064.5	1089.1	1111.3	1130.0	1148.3	1163.1	1173.4
45°	1000.1	1034.8	1067.0	1101.1	1131.6	1163.9	1193.9	1219.7	1246.3	1266.4	1279.9
42.5°	1049.2	1088.7	1127.4	1169.9	1211.4	1253.5	1299.0	1339.5	1370.9	1400.3	1424.1
40°	1101.8	1147.0	1197.6	1249.7	1310.9	1366.4	1427.5	1480.0	1527.4	1577.5	1617.4
37.5°	1158.0	1214.5	1280.9	1350.6	1429.8	1505.8	1585.6	1663.9	1732.3	1813.0	1874.6
35°	1220.1	1295.5	1377.3	1471.6	1570.1	1679.0	1788.1	1914.1	2022.6	2142.0	2246.0
32.5°	1293.6	1383.5	1490.9	1615.3	1741.9	1907.1	2061.5	2262.1	2435.6	2625.0	2815.8
30°	1369.2	1486.7	1625.4	1782.0	1983.3	2210.5	2463.7	2762.2	3069.9	3367.7	3727.0
27.5°	1462.8	1604.7	1772.6	2001.4	2297.7	2604.8	3040.1	3488.3	4053.9	4521.8	5181.5
25°	1560.1	1727.1	1965.6	2276.9	2663.7	3196.5	3857.2	4573.3	5568.7	6443.1	7468.7
22.5°	1666.0	1891.4	2188.2	2572.5	3158.9	3976.8	4977.2	6325.4	7793.5	9352.1	10902.6
20°	1776.3	2049.1	2438.1	2995.1	3799.6	4907.4	6624.9	8706.1	10803.4	13375.2	15652.5
17.5°	1904.2	2251.3	2730.7	3427.1	4500.9	6197.7	8580.3	11485.9	14739.7	18437.4	21720.5
15°	2010.6	2424.5	3029.6	4004.0	5480.7	7659.9	10664.5	14661.6	19551.1	24517.3	29555.9
12.5°	2134.2	2613.0	3323.6	4485.4	6340.2	9236.3	13326.1	18385.3	24491.8	31380.1	39500.5
10°	2244.0	2798.0	3681.4	5119.6	7386.2	10880.3	15843.9	21930.4	29810.9	39721.6	52296.8
7.5°	2325.3	2945.3	3957.6	5602.2	8290.5	12461.0	18222.8	25812.6	35826.0	48913.1	66171.5
5°	2378.1	3051.9	4153.0	5974.6	8998.4	13637.4	19966.2	28566.0	40646.5	59156.0	88380.9
2.5°	2409.7	3114.9	4264.6	6193.0	9428.8	14416.8	21292.5	30648.0	43770.6	65486.1	102665.6
0°	2423.8	3132.6	4331.3	6308.9	9572.7	14717.8	21901.7	31596.9	45168.4	66965.1	105177.2
-2.5°	2409.7	3114.9	4264.6	6193.0	9428.8	14416.8	21292.5	30648.0	43770.6	65486.1	102665.6
-5°	2378.1	3051.9	4153.0	5974.6	8998.4	13637.4	19966.2	28566.0	40646.5	59156.0	88380.9
-7.5°	2325.3	2945.3	3957.6	5602.2	8290.5	12461.0	18222.8	25812.6	35826.0	48913.1	66171.5
-10°	2244.0	2798.0	3681.4	5119.6	7386.2	10880.3	15843.9	21930.4	29810.9	39721.6	52296.8
-12.5°	2134.2	2613.0	3323.6	4485.4	6340.2	9236.3	13326.1	18385.3	24491.8	31380.1	39500.5
-15°	2010.6	2424.5	3029.6	4004.0	5480.7	7659.9	10664.5	14661.6	19551.1	24517.3	29555.9
-17.5°	1904.2	2251.3	2730.7	3427.1	4500.9	6197.7	8580.3	11485.9	14739.7	18437.4	21720.5
-20°	1776.3	2049.1	2438.1	2995.1	3799.6	4907.4	6624.9	8706.1	10803.4	13375.2	15652.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1666.0	1891.4	2188.2	2572.5	3158.9	3976.8	4977.2	6325.4	7793.5	9352.1	10902.6
-25°	1560.1	1727.1	1965.6	2276.9	2663.7	3196.5	3857.2	4573.3	5568.7	6443.1	7468.7
-27.5°	1462.8	1604.7	1772.6	2001.4	2297.7	2604.8	3040.1	3488.3	4053.9	4521.8	5181.5
-30°	1369.2	1486.7	1625.4	1782.0	1983.3	2210.5	2463.7	2762.2	3069.9	3367.7	3727.0
-32.5°	1293.6	1383.5	1490.9	1615.3	1741.9	1907.1	2061.5	2262.1	2435.6	2625.0	2815.8
-35°	1220.1	1295.5	1377.3	1471.6	1570.1	1679.0	1788.1	1914.1	2022.6	2142.0	2246.0
-37.5°	1158.0	1214.5	1280.9	1350.6	1429.8	1505.8	1585.6	1663.9	1732.3	1813.0	1874.6
-40°	1101.8	1147.0	1197.6	1249.7	1310.9	1366.4	1427.5	1480.0	1527.4	1577.5	1617.4
-42.5°	1049.2	1088.7	1127.4	1169.9	1211.4	1253.5	1299.0	1339.5	1370.9	1400.3	1424.1
-45°	1000.1	1034.8	1067.0	1101.1	1131.6	1163.9	1193.9	1219.7	1246.3	1266.4	1279.9
-47.5°	955.8	985.9	1015.5	1042.0	1064.5	1089.1	1111.3	1130.0	1148.3	1163.1	1173.4
-50°	911.9	940.2	967.0	991.0	1009.8	1026.8	1042.0	1055.2	1067.8	1077.7	1084.8
-52.5°	867.4	893.6	918.6	940.6	958.9	974.0	986.2	997.3	1005.9	1011.6	1014.2
-55°	824.9	849.0	870.3	891.0	909.6	925.5	937.8	946.8	954.3	960.3	962.3
-57.5°	777.7	803.8	826.9	842.1	858.6	876.3	887.9	894.6	900.7	905.9	908.4
-60°	723.7	749.4	769.0	784.6	799.9	814.6	824.6	832.5	838.8	843.3	846.2
-62.5°	660.5	680.6	698.1	714.4	730.0	743.0	751.2	758.5	764.7	769.9	773.9
-65°	586.9	608.4	622.4	634.6	645.4	656.8	668.7	677.4	683.1	686.7	689.0
-67.5°	510.9	531.7	546.2	557.4	566.2	575.2	585.9	595.1	602.8	608.0	610.6
-70°	436.8	455.1	469.1	481.5	491.8	500.4	508.5	515.3	521.0	525.2	528.2
-72.5°	363.7	382.2	397.0	409.2	419.8	428.0	434.7	440.4	445.0	447.0	447.2
-75°	289.3	304.3	320.9	335.3	347.8	355.5	360.9	365.4	369.0	369.9	369.5
-77.5°	225.5	237.1	249.2	261.1	272.7	279.5	284.3	288.3	291.5	292.1	291.5
-80°	167.8	175.3	182.8	190.3	197.6	202.0	205.2	207.7	209.3	210.1	210.2
-82.5°	115.3	119.9	124.0	127.9	131.5	134.7	137.7	140.2	142.5	142.3	141.7
-85°	68.4	71.0	73.4	75.6	77.6	79.5	81.2	82.6	83.9	82.9	81.6
-87.5°	28.7	29.5	30.3	31.0	31.7	32.3	32.9	33.4	33.8	32.1	30.2
-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: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-NR-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°	28.2	26.2	26.3	26.3	26.3	26.2	28.2	30.2	32.1	33.8	33.4
85°	80.1	78.4	78.7	78.8	78.7	78.4	80.1	81.6	82.9	83.9	82.6
82.5°	140.7	139.3	139.8	140.0	139.8	139.3	140.7	141.7	142.3	142.5	140.2
80°	209.9	209.0	205.5	201.3	205.5	209.0	209.9	210.2	210.1	209.3	207.7
77.5°	290.0	287.5	284.1	280.0	284.1	287.5	290.0	291.5	292.1	291.5	288.3
75°	368.2	366.0	367.0	367.5	367.0	366.0	368.2	369.5	369.9	369.0	365.4
72.5°	446.4	444.6	445.8	446.3	445.8	444.6	446.4	447.2	447.0	445.0	440.4
70°	530.3	531.3	529.0	525.0	529.0	531.3	530.3	528.2	525.2	521.0	515.3
67.5°	611.3	610.4	607.8	603.8	607.8	610.4	611.3	610.6	608.0	602.8	595.1
65°	689.8	689.0	690.5	691.3	690.5	689.0	689.8	689.0	686.7	683.1	677.4
62.5°	775.9	775.9	774.0	770.0	774.0	775.9	775.9	773.9	769.9	764.7	758.5
60°	847.3	846.6	844.2	840.0	844.2	846.6	847.3	846.2	843.3	838.8	832.5
57.5°	909.1	908.2	905.6	901.3	905.6	908.2	909.1	908.4	905.9	900.7	894.6
55°	962.5	961.2	958.3	953.8	958.3	961.2	962.5	962.3	960.3	954.3	946.8
52.5°	1014.9	1013.8	1014.1	1015.0	1014.1	1013.8	1014.9	1014.2	1011.6	1005.9	997.3
50°	1089.2	1090.7	1089.4	1085.0	1089.4	1090.7	1089.2	1084.8	1077.7	1067.8	1055.2
47.5°	1178.3	1178.8	1176.7	1172.5	1176.7	1178.8	1178.3	1173.4	1163.1	1148.3	1130.0
45°	1290.5	1296.9	1298.5	1295.0	1298.5	1296.9	1290.5	1279.9	1266.4	1246.3	1219.7
42.5°	1442.4	1452.4	1455.3	1452.5	1455.3	1452.4	1442.4	1424.1	1400.3	1370.9	1339.5
40°	1641.9	1653.2	1655.3	1653.8	1655.3	1653.2	1641.9	1617.4	1577.5	1527.4	1480.0
37.5°	1917.9	1945.5	1958.5	1960.0	1958.5	1945.5	1917.9	1874.6	1813.0	1732.3	1663.9
35°	2325.2	2380.2	2409.6	2423.8	2409.6	2380.2	2325.2	2246.0	2142.0	2022.6	1914.1
32.5°	2960.3	3070.3	3131.3	3123.8	3131.3	3070.3	2960.3	2815.8	2625.0	2435.6	2262.1
30°	3997.8	4190.1	4286.9	4261.3	4286.9	4190.1	3997.8	3727.0	3367.7	3069.9	2762.2
27.5°	5655.3	6003.1	6204.1	6177.6	6204.1	6003.1	5655.3	5181.5	4521.8	4053.9	3488.3
25°	8326.0	8960.7	9367.0	9266.4	9367.0	8960.7	8326.0	7468.7	6443.1	5568.7	4573.3
22.5°	12388.8	13464.0	14175.6	14087.8	14175.6	13464.0	12388.8	10902.6	9352.1	7793.5	6325.4
20°	17961.8	19598.3	20766.9	20921.7	20766.9	19598.3	17961.8	15652.5	13375.2	10803.4	8706.1
17.5°	25266.8	27861.7	29667.9	29969.4	29667.9	27861.7	25266.8	21720.5	18437.4	14739.7	11485.9
15°	34760.9	39002.0	42071.3	42324.6	42071.3	39002.0	34760.9	29555.9	24517.3	19551.1	14661.6
12.5°	47652.3	56182.2	61749.2	64200.1	61749.2	56182.2	47652.3	39500.5	31380.1	24491.8	18385.3
10°	65493.4	85086.2	97633.8	102350.9	97633.8	85086.2	65493.4	52296.8	39721.6	29810.9	21930.4
7.5°	95293.3	126054.5	160253.0	174828.6	160253.0	126054.5	95293.3	66171.5	48913.1	35826.0	25812.6
5°	129039.4	192881.4	253606.4	277319.5	253606.4	192881.4	129039.4	88380.9	59156.0	40646.5	28566.0
2.5°	164549.0	253535.3	336922.4	369533.3	336922.4	253535.3	164549.0	102665.6	65486.1	43770.6	30648.0
0°	178416.2	280093.3	371838.9	408405.9	371838.9	280093.3	178416.2	105177.2	66965.1	45168.4	31596.9
-2.5°	164549.0	253535.3	336922.4	369533.3	336922.4	253535.3	164549.0	102665.6	65486.1	43770.6	30648.0
-5°	129039.4	192881.4	253606.4	277319.5	253606.4	192881.4	129039.4	88380.9	59156.0	40646.5	28566.0
-7.5°	95293.3	126054.5	160253.0	174828.6	160253.0	126054.5	95293.3	66171.5	48913.1	35826.0	25812.6
-10°	65493.4	85086.2	97633.8	102350.9	97633.8	85086.2	65493.4	52296.8	39721.6	29810.9	21930.4
-12.5°	47652.3	56182.2	61749.2	64200.1	61749.2	56182.2	47652.3	39500.5	31380.1	24491.8	18385.3
-15°	34760.9	39002.0	42071.3	42324.6	42071.3	39002.0	34760.9	29555.9	24517.3	19551.1	14661.6
-17.5°	25266.8	27861.7	29667.9	29969.4	29667.9	27861.7	25266.8	21720.5	18437.4	14739.7	11485.9
-20°	17961.8	19598.3	20766.9	20921.7	20766.9	19598.3	17961.8	15652.5	13375.2	10803.4	8706.1



REPORT NUMBER: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12388.8	13464.0	14175.6	14087.8	14175.6	13464.0	12388.8	10902.6	9352.1	7793.5	6325.4
-25°	8326.0	8960.7	9367.0	9266.4	9367.0	8960.7	8326.0	7468.7	6443.1	5568.7	4573.3
-27.5°	5655.3	6003.1	6204.1	6177.6	6204.1	6003.1	5655.3	5181.5	4521.8	4053.9	3488.3
-30°	3997.8	4190.1	4286.9	4261.3	4286.9	4190.1	3997.8	3727.0	3367.7	3069.9	2762.2
-32.5°	2960.3	3070.3	3131.3	3123.8	3131.3	3070.3	2960.3	2815.8	2625.0	2435.6	2262.1
-35°	2325.2	2380.2	2409.6	2423.8	2409.6	2380.2	2325.2	2246.0	2142.0	2022.6	1914.1
-37.5°	1917.9	1945.5	1958.5	1960.0	1958.5	1945.5	1917.9	1874.6	1813.0	1732.3	1663.9
-40°	1641.9	1653.2	1655.3	1653.8	1655.3	1653.2	1641.9	1617.4	1577.5	1527.4	1480.0
-42.5°	1442.4	1452.4	1455.3	1452.5	1455.3	1452.4	1442.4	1424.1	1400.3	1370.9	1339.5
-45°	1290.5	1296.9	1298.5	1295.0	1298.5	1296.9	1290.5	1279.9	1266.4	1246.3	1219.7
-47.5°	1178.3	1178.8	1176.7	1172.5	1176.7	1178.8	1178.3	1173.4	1163.1	1148.3	1130.0
-50°	1089.2	1090.7	1089.4	1085.0	1089.4	1090.7	1089.2	1084.8	1077.7	1067.8	1055.2
-52.5°	1014.9	1013.8	1014.1	1015.0	1014.1	1013.8	1014.9	1014.2	1011.6	1005.9	997.3
-55°	962.5	961.2	958.3	953.8	958.3	961.2	962.5	962.3	960.3	954.3	946.8
-57.5°	909.1	908.2	905.6	901.3	905.6	908.2	909.1	908.4	905.9	900.7	894.6
-60°	847.3	846.6	844.2	840.0	844.2	846.6	847.3	846.2	843.3	838.8	832.5
-62.5°	775.9	775.9	774.0	770.0	774.0	775.9	775.9	773.9	769.9	764.7	758.5
-65°	689.8	689.0	690.5	691.3	690.5	689.0	689.8	689.0	686.7	683.1	677.4
-67.5°	611.3	610.4	607.8	603.8	607.8	610.4	611.3	610.6	608.0	602.8	595.1
-70°	530.3	531.3	529.0	525.0	529.0	531.3	530.3	528.2	525.2	521.0	515.3
-72.5°	446.4	444.6	445.8	446.3	445.8	444.6	446.4	447.2	447.0	445.0	440.4
-75°	368.2	366.0	367.0	367.5	367.0	366.0	368.2	369.5	369.9	369.0	365.4
-77.5°	290.0	287.5	284.1	280.0	284.1	287.5	290.0	291.5	292.1	291.5	288.3
-80°	209.9	209.0	205.5	201.3	205.5	209.0	209.9	210.2	210.1	209.3	207.7
-82.5°	140.7	139.3	139.8	140.0	139.8	139.3	140.7	141.7	142.3	142.5	140.2
-85°	80.1	78.4	78.7	78.8	78.7	78.4	80.1	81.6	82.9	83.9	82.6
-87.5°	28.2	26.2	26.3	26.3	26.3	26.2	28.2	30.2	32.1	33.8	33.4
-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: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-NR-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°	32.9	32.3	31.7	31.0	30.3	29.5	28.7	27.8	26.8	25.8	24.7
85°	81.2	79.5	77.6	75.6	73.4	71.0	68.4	64.4	60.5	56.7	53.1
82.5°	137.7	134.7	131.5	127.9	124.0	119.9	115.3	109.2	102.4	95.0	87.3
80°	205.2	202.0	197.6	190.3	182.8	175.3	167.8	160.5	152.8	144.9	136.4
77.5°	284.3	279.5	272.7	261.1	249.2	237.1	225.5	215.6	206.0	195.9	185.3
75°	360.9	355.5	347.8	335.3	320.9	304.3	289.3	277.0	264.0	250.3	236.0
72.5°	434.7	428.0	419.8	409.2	397.0	382.2	363.7	344.2	325.4	307.5	290.5
70°	508.5	500.4	491.8	481.5	469.1	455.1	436.8	414.6	389.5	364.9	346.5
67.5°	585.9	575.2	566.2	557.4	546.2	531.7	510.9	488.0	463.1	434.8	408.5
65°	668.7	656.8	645.4	634.6	622.4	608.4	586.9	561.7	534.8	506.5	476.8
62.5°	751.2	743.0	730.0	714.4	698.1	680.6	660.5	635.7	606.7	573.8	541.2
60°	824.6	814.6	799.9	784.6	769.0	749.4	723.7	701.0	681.5	644.2	605.1
57.5°	887.9	876.3	858.6	842.1	826.9	803.8	777.7	752.0	726.8	701.0	667.4
55°	937.8	925.5	909.6	891.0	870.3	849.0	824.9	797.4	770.7	747.0	716.1
52.5°	986.2	974.0	958.9	940.6	918.6	893.6	867.4	840.0	814.9	790.6	762.8
50°	1042.0	1026.8	1009.8	991.0	967.0	940.2	911.9	882.5	856.7	831.9	805.6
47.5°	1111.3	1089.1	1064.5	1042.0	1015.5	985.9	955.8	926.3	898.1	868.9	842.3
45°	1193.9	1163.9	1131.6	1101.1	1067.0	1034.8	1000.1	969.4	939.1	907.5	874.8
42.5°	1299.0	1253.5	1211.4	1169.9	1127.4	1088.7	1049.2	1013.3	979.2	945.5	910.2
40°	1427.5	1366.4	1310.9	1249.7	1197.6	1147.0	1101.8	1056.9	1019.0	982.5	943.6
37.5°	1585.6	1505.8	1429.8	1350.6	1280.9	1214.5	1158.0	1106.2	1057.0	1017.1	976.1
35°	1788.1	1679.0	1570.1	1471.6	1377.3	1295.5	1220.1	1158.0	1101.8	1050.3	1007.2
32.5°	2061.5	1907.1	1741.9	1615.3	1490.9	1383.5	1293.6	1214.5	1147.0	1088.7	1037.0
30°	2463.7	2210.5	1983.3	1782.0	1625.4	1486.7	1369.2	1277.8	1197.6	1127.4	1067.0
27.5°	3040.1	2604.8	2297.7	2001.4	1772.6	1604.7	1462.8	1342.9	1248.7	1169.9	1100.6
25°	3857.2	3196.5	2663.7	2276.9	1965.6	1727.1	1560.1	1421.0	1305.8	1211.0	1127.5
22.5°	4977.2	3976.8	3158.9	2572.5	2188.2	1891.4	1666.0	1498.3	1358.0	1246.9	1156.1
20°	6624.9	4907.4	3799.6	2995.1	2438.1	2049.1	1776.3	1579.0	1416.7	1284.2	1181.2
17.5°	8580.3	6197.7	4500.9	3427.1	2730.7	2251.3	1904.2	1653.2	1470.1	1316.7	1201.5
15°	10664.5	7659.9	5480.7	4004.0	3029.6	2424.5	2010.6	1718.9	1520.9	1352.6	1226.8
12.5°	13326.1	9236.3	6340.2	4485.4	3323.6	2613.0	2134.2	1802.3	1571.0	1391.2	1253.1
10°	15843.9	10880.3	7386.2	5119.6	3681.4	2798.0	2244.0	1866.3	1609.7	1422.0	1274.4
7.5°	18222.8	12461.0	8290.5	5602.2	3957.6	2945.3	2325.3	1912.6	1637.2	1443.5	1290.7
5°	19966.2	13637.4	8998.4	5974.6	4153.0	3051.9	2378.1	1941.4	1653.6	1456.1	1301.9
2.5°	21292.5	14416.8	9428.8	6193.0	4264.6	3114.9	2409.7	1963.4	1669.5	1466.3	1314.1
0°	21901.7	14717.8	9572.7	6308.9	4331.3	3132.6	2423.8	1977.5	1680.0	1470.0	1321.3
-2.5°	21292.5	14416.8	9428.8	6193.0	4264.6	3114.9	2409.7	1963.4	1669.5	1466.3	1314.1
-5°	19966.2	13637.4	8998.4	5974.6	4153.0	3051.9	2378.1	1941.4	1653.6	1456.1	1301.9
-7.5°	18222.8	12461.0	8290.5	5602.2	3957.6	2945.3	2325.3	1912.6	1637.2	1443.5	1290.7
-10°	15843.9	10880.3	7386.2	5119.6	3681.4	2798.0	2244.0	1866.3	1609.7	1422.0	1274.4
-12.5°	13326.1	9236.3	6340.2	4485.4	3323.6	2613.0	2134.2	1802.3	1571.0	1391.2	1253.1
-15°	10664.5	7659.9	5480.7	4004.0	3029.6	2424.5	2010.6	1718.9	1520.9	1352.6	1226.8
-17.5°	8580.3	6197.7	4500.9	3427.1	2730.7	2251.3	1904.2	1653.2	1470.1	1316.7	1201.5
-20°	6624.9	4907.4	3799.6	2995.1	2438.1	2049.1	1776.3	1579.0	1416.7	1284.2	1181.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4977.2	3976.8	3158.9	2572.5	2188.2	1891.4	1666.0	1498.3	1358.0	1246.9	1156.1
-25°	3857.2	3196.5	2663.7	2276.9	1965.6	1727.1	1560.1	1421.0	1305.8	1211.0	1127.5
-27.5°	3040.1	2604.8	2297.7	2001.4	1772.6	1604.7	1462.8	1342.9	1248.7	1169.9	1100.6
-30°	2463.7	2210.5	1983.3	1782.0	1625.4	1486.7	1369.2	1277.8	1197.6	1127.4	1067.0
-32.5°	2061.5	1907.1	1741.9	1615.3	1490.9	1383.5	1293.6	1214.5	1147.0	1088.7	1037.0
-35°	1788.1	1679.0	1570.1	1471.6	1377.3	1295.5	1220.1	1158.0	1101.8	1050.3	1007.2
-37.5°	1585.6	1505.8	1429.8	1350.6	1280.9	1214.5	1158.0	1106.2	1057.0	1017.1	976.1
-40°	1427.5	1366.4	1310.9	1249.7	1197.6	1147.0	1101.8	1056.9	1019.0	982.5	943.6
-42.5°	1299.0	1253.5	1211.4	1169.9	1127.4	1088.7	1049.2	1013.3	979.2	945.5	910.2
-45°	1193.9	1163.9	1131.6	1101.1	1067.0	1034.8	1000.1	969.4	939.1	907.5	874.8
-47.5°	1111.3	1089.1	1064.5	1042.0	1015.5	985.9	955.8	926.3	898.1	868.9	842.3
-50°	1042.0	1026.8	1009.8	991.0	967.0	940.2	911.9	882.5	856.7	831.9	805.6
-52.5°	986.2	974.0	958.9	940.6	918.6	893.6	867.4	840.0	814.9	790.6	762.8
-55°	937.8	925.5	909.6	891.0	870.3	849.0	824.9	797.4	770.7	747.0	716.1
-57.5°	887.9	876.3	858.6	842.1	826.9	803.8	777.7	752.0	726.8	701.0	667.4
-60°	824.6	814.6	799.9	784.6	769.0	749.4	723.7	701.0	681.5	644.2	605.1
-62.5°	751.2	743.0	730.0	714.4	698.1	680.6	660.5	635.7	606.7	573.8	541.2
-65°	668.7	656.8	645.4	634.6	622.4	608.4	586.9	561.7	534.8	506.5	476.8
-67.5°	585.9	575.2	566.2	557.4	546.2	531.7	510.9	488.0	463.1	434.8	408.5
-70°	508.5	500.4	491.8	481.5	469.1	455.1	436.8	414.6	389.5	364.9	346.5
-72.5°	434.7	428.0	419.8	409.2	397.0	382.2	363.7	344.2	325.4	307.5	290.5
-75°	360.9	355.5	347.8	335.3	320.9	304.3	289.3	277.0	264.0	250.3	236.0
-77.5°	284.3	279.5	272.7	261.1	249.2	237.1	225.5	215.6	206.0	195.9	185.3
-80°	205.2	202.0	197.6	190.3	182.8	175.3	167.8	160.5	152.8	144.9	136.4
-82.5°	137.7	134.7	131.5	127.9	124.0	119.9	115.3	109.2	102.4	95.0	87.3
-85°	81.2	79.5	77.6	75.6	73.4	71.0	68.4	64.4	60.5	56.7	53.1
-87.5°	32.9	32.3	31.7	31.0	30.3	29.5	28.7	27.8	26.8	25.8	24.7
-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: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-NR-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°	23.6	22.5	21.3	20.1	18.8	17.5	16.2	14.8	13.4	12.0	10.5
85°	51.1	48.7	45.9	42.7	38.9	35.0	32.3	29.6	26.8	23.9	21.0
82.5°	82.8	79.7	76.6	72.7	67.0	61.1	55.1	48.9	42.6	36.2	31.5
80°	128.2	120.3	112.7	105.1	96.2	87.1	79.1	70.9	62.5	54.0	45.4
77.5°	174.2	162.7	150.8	139.8	128.6	117.2	105.5	93.6	82.3	71.7	60.9
75°	221.0	206.9	192.6	177.8	162.6	147.2	133.2	118.9	104.3	89.4	76.2
72.5°	273.0	254.8	236.0	216.9	199.1	180.9	162.3	143.9	126.9	109.6	92.1
70°	327.2	304.7	282.3	260.9	238.2	214.5	193.2	171.5	149.4	129.6	109.6
67.5°	384.0	361.1	334.7	306.1	280.5	253.8	225.0	199.4	174.6	149.4	126.9
65°	446.4	417.8	390.3	357.3	324.9	293.7	262.5	228.7	199.4	171.5	143.9
62.5°	507.3	472.8	439.8	405.9	370.6	334.8	299.5	261.5	224.7	193.2	162.3
60°	567.6	529.3	488.4	449.9	413.0	375.2	335.1	293.4	253.0	214.5	180.9
57.5°	624.9	584.7	538.4	493.3	451.9	412.4	369.6	324.3	280.3	237.8	199.0
55°	678.2	633.4	585.3	536.3	489.7	446.4	402.0	354.0	306.7	260.9	216.4
52.5°	727.3	680.5	629.2	577.2	526.3	479.2	432.2	382.5	332.0	283.1	235.2
50°	773.1	727.2	672.7	616.9	561.1	511.3	462.0	409.9	356.2	304.4	253.6
47.5°	812.7	769.2	716.5	656.1	596.7	543.0	491.3	436.7	379.2	324.6	271.3
45°	845.0	808.0	757.3	696.6	632.8	576.0	520.0	462.8	402.8	344.1	288.3
42.5°	875.1	840.6	794.8	736.1	670.0	608.4	548.1	488.3	425.7	362.8	304.7
40°	905.7	869.2	829.6	770.6	704.8	639.5	576.3	513.1	447.8	381.2	320.2
37.5°	934.3	896.3	856.3	802.7	736.1	668.9	603.4	537.1	468.4	399.5	334.9
35°	963.3	920.8	879.4	827.8	763.4	695.5	629.2	560.2	487.8	416.5	348.8
32.5°	991.0	943.5	898.8	848.3	788.3	719.5	652.2	580.2	506.0	432.2	361.8
30°	1016.3	964.7	917.5	868.1	809.5	740.5	671.6	598.5	522.9	446.6	374.1
27.5°	1036.6	982.3	935.2	885.1	826.4	759.3	688.6	614.9	538.5	459.9	385.7
25°	1056.8	998.6	949.4	900.6	842.4	778.3	704.5	629.4	552.2	472.4	396.2
22.5°	1079.2	1013.7	960.5	915.3	858.6	796.6	719.6	642.0	564.0	483.6	405.5
20°	1099.0	1026.8	968.9	926.8	871.6	810.3	733.9	653.4	574.2	493.6	413.6
17.5°	1116.4	1040.8	979.8	933.7	881.7	822.0	747.2	663.4	582.8	502.3	420.6
15°	1134.6	1055.5	989.6	939.3	889.8	831.8	759.2	672.1	589.7	509.7	426.8
12.5°	1150.7	1067.4	997.4	943.6	896.1	839.7	769.9	679.4	595.1	515.8	432.5
10°	1164.2	1076.7	1003.3	946.5	900.4	845.7	778.9	686.4	600.9	520.6	437.3
7.5°	1174.7	1083.1	1007.1	948.2	903.5	850.6	786.7	694.4	605.8	523.8	441.1
5°	1182.3	1088.1	1013.0	953.6	907.1	854.4	792.1	701.0	609.5	525.6	444.0
2.5°	1188.1	1092.5	1019.4	958.7	909.3	856.7	795.3	705.8	611.7	526.0	445.7
0°	1190.0	1093.8	1023.8	962.5	910.0	857.5	796.3	708.8	612.5	525.0	446.3
-2.5°	1188.1	1092.5	1019.4	958.7	909.3	856.7	795.3	705.8	611.7	526.0	445.7
-5°	1182.3	1088.1	1013.0	953.6	907.1	854.4	792.1	701.0	609.5	525.6	444.0
-7.5°	1174.7	1083.1	1007.1	948.2	903.5	850.6	786.7	694.4	605.8	523.8	441.1
-10°	1164.2	1076.7	1003.3	946.5	900.4	845.7	778.9	686.4	600.9	520.6	437.3
-12.5°	1150.7	1067.4	997.4	943.6	896.1	839.7	769.9	679.4	595.1	515.8	432.5
-15°	1134.6	1055.5	989.6	939.3	889.8	831.8	759.2	672.1	589.7	509.7	426.8
-17.5°	1116.4	1040.8	979.8	933.7	881.7	822.0	747.2	663.4	582.8	502.3	420.6
-20°	1099.0	1026.8	968.9	926.8	871.6	810.3	733.9	653.4	574.2	493.6	413.6



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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°	1079.2	1013.7	960.5	915.3	858.6	796.6	719.6	642.0	564.0	483.6	405.5
-25°	1056.8	998.6	949.4	900.6	842.4	778.3	704.5	629.4	552.2	472.4	396.2
-27.5°	1036.6	982.3	935.2	885.1	826.4	759.3	688.6	614.9	538.5	459.9	385.7
-30°	1016.3	964.7	917.5	868.1	809.5	740.5	671.6	598.5	522.9	446.6	374.1
-32.5°	991.0	943.5	898.8	848.3	788.3	719.5	652.2	580.2	506.0	432.2	361.8
-35°	963.3	920.8	879.4	827.8	763.4	695.5	629.2	560.2	487.8	416.5	348.8
-37.5°	934.3	896.3	856.3	802.7	736.1	668.9	603.4	537.1	468.4	399.5	334.9
-40°	905.7	869.2	829.6	770.6	704.8	639.5	576.3	513.1	447.8	381.2	320.2
-42.5°	875.1	840.6	794.8	736.1	670.0	608.4	548.1	488.3	425.7	362.8	304.7
-45°	845.0	808.0	757.3	696.6	632.8	576.0	520.0	462.8	402.8	344.1	288.3
-47.5°	812.7	769.2	716.5	656.1	596.7	543.0	491.3	436.7	379.2	324.6	271.3
-50°	773.1	727.2	672.7	616.9	561.1	511.3	462.0	409.9	356.2	304.4	253.6
-52.5°	727.3	680.5	629.2	577.2	526.3	479.2	432.2	382.5	332.0	283.1	235.2
-55°	678.2	633.4	585.3	536.3	489.7	446.4	402.0	354.0	306.7	260.9	216.4
-57.5°	624.9	584.7	538.4	493.3	451.9	412.4	369.6	324.3	280.3	237.8	199.0
-60°	567.6	529.3	488.4	449.9	413.0	375.2	335.1	293.4	253.0	214.5	180.9
-62.5°	507.3	472.8	439.8	405.9	370.6	334.8	299.5	261.5	224.7	193.2	162.3
-65°	446.4	417.8	390.3	357.3	324.9	293.7	262.5	228.7	199.4	171.5	143.9
-67.5°	384.0	361.1	334.7	306.1	280.5	253.8	225.0	199.4	174.6	149.4	126.9
-70°	327.2	304.7	282.3	260.9	238.2	214.5	193.2	171.5	149.4	129.6	109.6
-72.5°	273.0	254.8	236.0	216.9	199.1	180.9	162.3	143.9	126.9	109.6	92.1
-75°	221.0	206.9	192.6	177.8	162.6	147.2	133.2	118.9	104.3	89.4	76.2
-77.5°	174.2	162.7	150.8	139.8	128.6	117.2	105.5	93.6	82.3	71.7	60.9
-80°	128.2	120.3	112.7	105.1	96.2	87.1	79.1	70.9	62.5	54.0	45.4
-82.5°	82.8	79.7	76.6	72.7	67.0	61.1	55.1	48.9	42.6	36.2	31.5
-85°	51.1	48.7	45.9	42.7	38.9	35.0	32.3	29.6	26.8	23.9	21.0
-87.5°	23.6	22.5	21.3	20.1	18.8	17.5	16.2	14.8	13.4	12.0	10.5
-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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REPORT NUMBER: P627929 (CONVERTED FROM TYPE C PHOTOMETRY)

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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°	9.1	7.6	6.1	4.6	3.0	1.3	0.0
85°	18.1	15.1	12.1	9.1	6.1	2.7	0.0
82.5°	27.1	22.7	18.2	13.7	9.1	4.0	0.0
80°	36.6	30.2	24.2	18.2	12.1	5.3	0.0
77.5°	49.9	38.7	30.2	22.7	15.0	6.6	0.0
75°	62.9	49.2	36.5	27.1	17.9	7.9	0.0
72.5°	75.8	59.6	44.4	31.5	20.8	9.2	0.0
70°	88.7	69.7	52.2	36.1	23.6	10.4	0.0
67.5°	103.3	79.6	59.9	41.6	26.3	11.6	0.0
65°	117.7	90.4	67.4	47.0	28.9	12.8	0.0
62.5°	131.8	102.2	74.6	52.3	31.4	13.9	0.0
60°	145.5	113.6	81.6	57.4	33.8	15.0	0.0
57.5°	160.6	124.8	90.5	62.4	37.0	16.1	0.0
55°	175.5	135.6	99.1	67.1	40.1	17.1	0.0
52.5°	190.0	146.4	107.5	71.7	43.1	18.1	0.0
50°	204.0	158.0	115.6	76.1	46.0	19.0	0.0
47.5°	217.6	169.2	123.4	80.7	48.9	19.9	0.0
45°	232.2	179.9	130.9	86.3	51.6	20.8	0.0
42.5°	246.2	190.2	138.0	91.7	54.3	21.6	0.0
40°	259.4	200.0	145.3	96.9	56.8	22.3	0.0
37.5°	272.0	209.2	152.7	101.9	59.3	23.0	0.0
35°	283.9	218.7	159.7	106.7	61.6	23.6	0.0
32.5°	295.0	227.9	166.2	111.1	63.8	24.2	0.0
30°	305.3	236.5	172.2	115.3	65.9	24.7	0.0
27.5°	314.9	244.4	178.1	119.2	67.8	25.1	0.0
25°	323.6	251.7	183.5	122.7	69.6	25.5	0.0
22.5°	331.6	258.2	188.5	126.0	71.3	25.8	0.0
20°	338.6	263.9	193.0	128.9	72.8	26.1	0.0
17.5°	344.5	268.7	196.9	131.5	74.2	26.3	0.0
15°	349.3	272.7	200.4	133.7	75.4	26.5	0.0
12.5°	353.1	275.8	203.3	135.6	76.4	26.6	0.0
10°	356.1	278.2	205.7	137.2	77.2	26.6	0.0
7.5°	358.1	279.7	207.6	138.4	77.9	26.6	0.0
5°	359.3	280.6	208.9	139.3	78.4	26.6	0.0
2.5°	359.5	280.6	209.7	139.8	78.7	26.5	0.0
0°	358.8	280.0	210.0	140.0	78.8	26.3	0.0
-2.5°	359.5	280.6	209.7	139.8	78.7	26.5	0.0
-5°	359.3	280.6	208.9	139.3	78.4	26.6	0.0
-7.5°	358.1	279.7	207.6	138.4	77.9	26.6	0.0
-10°	356.1	278.2	205.7	137.2	77.2	26.6	0.0
-12.5°	353.1	275.8	203.3	135.6	76.4	26.6	0.0
-15°	349.3	272.7	200.4	133.7	75.4	26.5	0.0
-17.5°	344.5	268.7	196.9	131.5	74.2	26.3	0.0
-20°	338.6	263.9	193.0	128.9	72.8	26.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	331.6	258.2	188.5	126.0	71.3	25.8	0.0
-25°	323.6	251.7	183.5	122.7	69.6	25.5	0.0
-27.5°	314.9	244.4	178.1	119.2	67.8	25.1	0.0
-30°	305.3	236.5	172.2	115.3	65.9	24.7	0.0
-32.5°	295.0	227.9	166.2	111.1	63.8	24.2	0.0
-35°	283.9	218.7	159.7	106.7	61.6	23.6	0.0
-37.5°	272.0	209.2	152.7	101.9	59.3	23.0	0.0
-40°	259.4	200.0	145.3	96.9	56.8	22.3	0.0
-42.5°	246.2	190.2	138.0	91.7	54.3	21.6	0.0
-45°	232.2	179.9	130.9	86.3	51.6	20.8	0.0
-47.5°	217.6	169.2	123.4	80.7	48.9	19.9	0.0
-50°	204.0	158.0	115.6	76.1	46.0	19.0	0.0
-52.5°	190.0	146.4	107.5	71.7	43.1	18.1	0.0
-55°	175.5	135.6	99.1	67.1	40.1	17.1	0.0
-57.5°	160.6	124.8	90.5	62.4	37.0	16.1	0.0
-60°	145.5	113.6	81.6	57.4	33.8	15.0	0.0
-62.5°	131.8	102.2	74.6	52.3	31.4	13.9	0.0
-65°	117.7	90.4	67.4	47.0	28.9	12.8	0.0
-67.5°	103.3	79.6	59.9	41.6	26.3	11.6	0.0
-70°	88.7	69.7	52.2	36.1	23.6	10.4	0.0
-72.5°	75.8	59.6	44.4	31.5	20.8	9.2	0.0
-75°	62.9	49.2	36.5	27.1	17.9	7.9	0.0
-77.5°	49.9	38.7	30.2	22.7	15.0	6.6	0.0
-80°	36.6	30.2	24.2	18.2	12.1	5.3	0.0
-82.5°	27.1	22.7	18.2	13.7	9.1	4.0	0.0
-85°	18.1	15.1	12.1	9.1	6.1	2.7	0.0
-87.5°	9.1	7.6	6.1	4.6	3.0	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)