

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: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-722-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N134
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

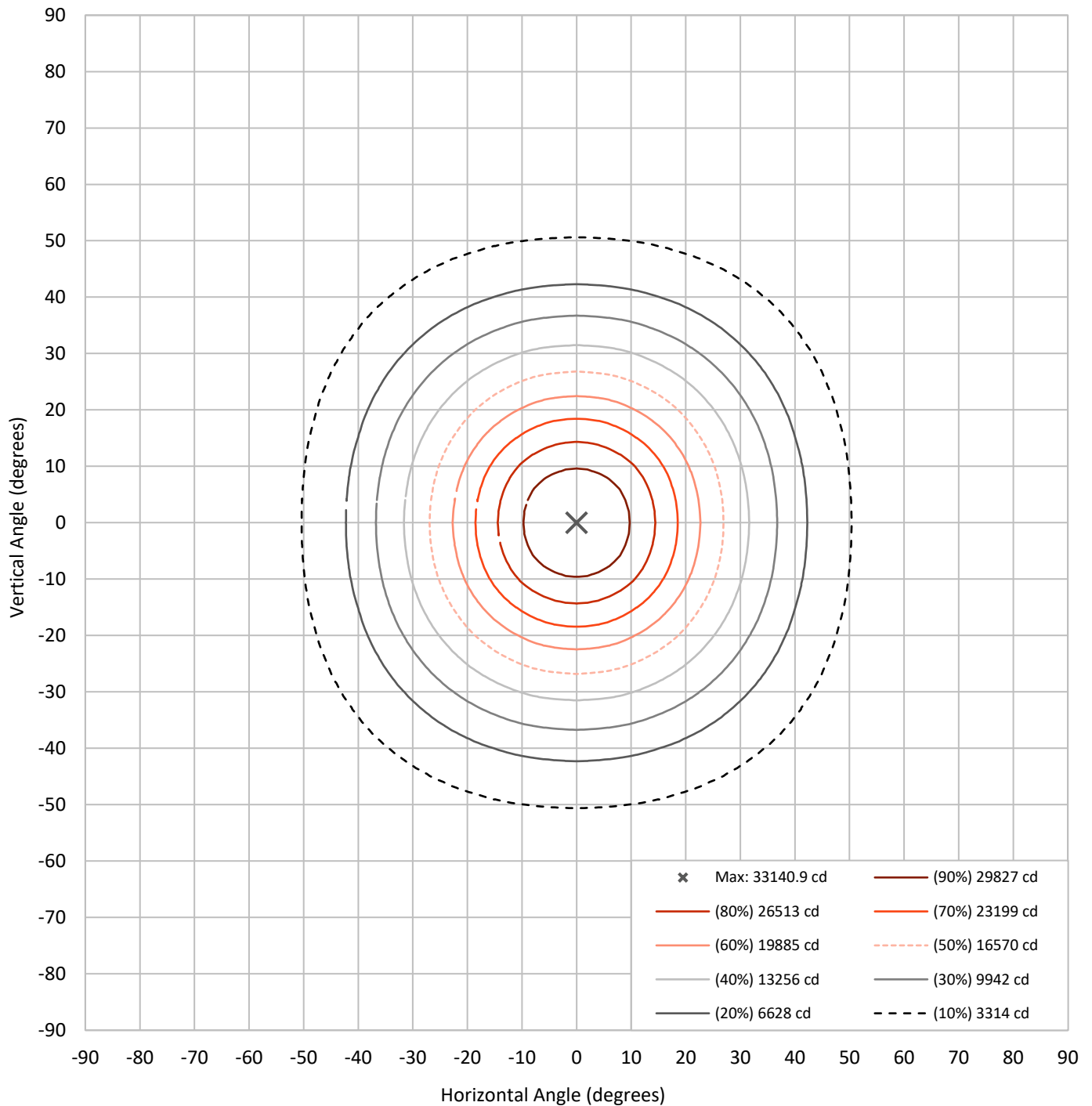
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33729.6 lumens	Max Intensity:	33140.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	16127.5 lumens	Field Lumens:	29767.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





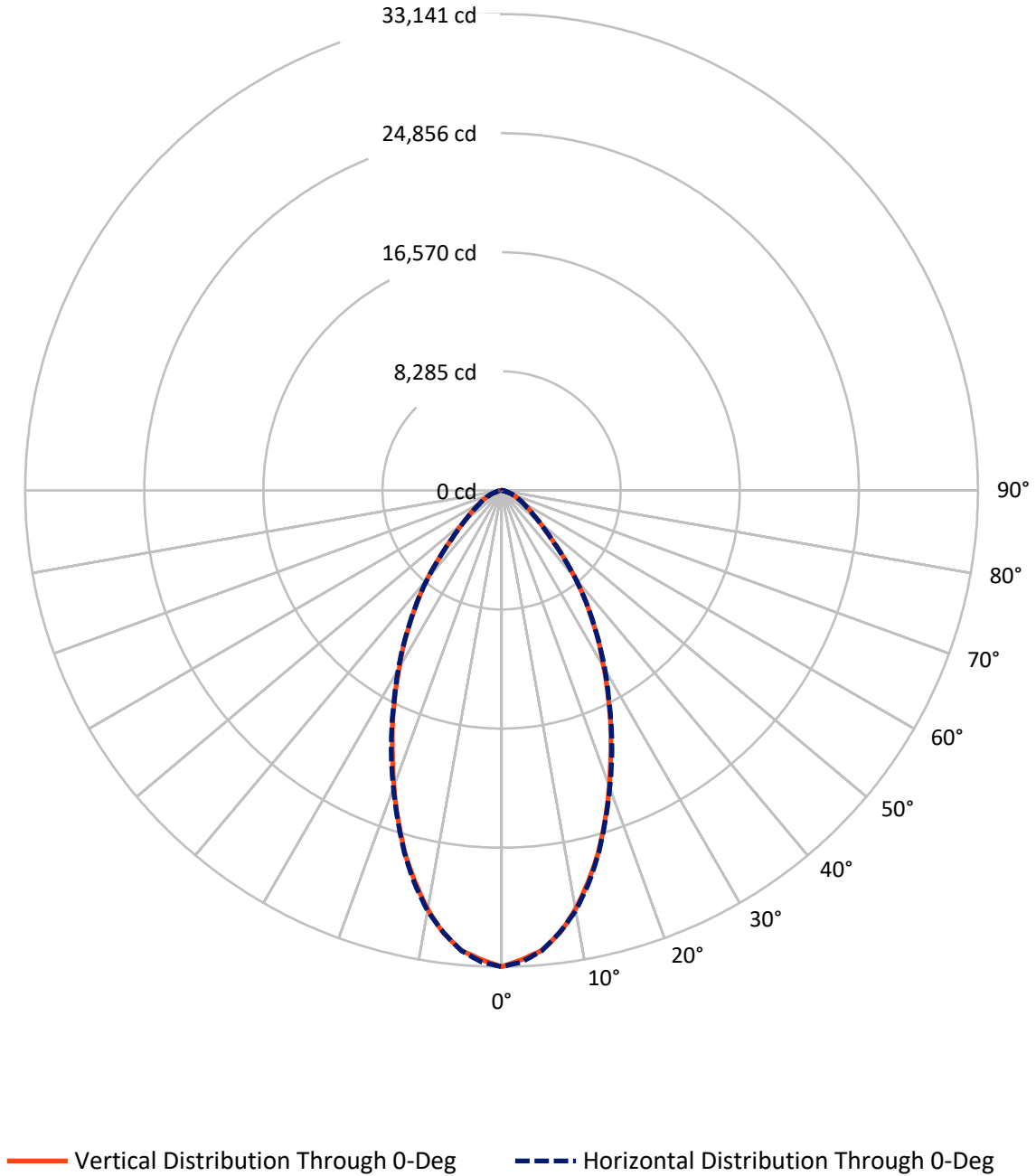
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Lumen Table

90																			
80	1.3	9.3		21.2		35.3		30.2		35.3		21.2		9.3		1.3			
70																			
60	4.4	5.1	9.7	15.5	22.5	29.2	34.3	36.7	36.7	34.3	29.2	22.5	15.5	9.7	5.1	4.4			
50		7.3	14.6	25.3	38.8	53.4	66.6	74.3	74.3	66.6	53.4	38.8	25.3	14.6	7.3				
40	6.5	9.3	20.2	37.8	63.7	97.9	135.0	159.7	159.7	135.0	97.9	63.7	37.8	20.2	9.3	6.5			
30		11.3	26.5	54.9	106.9	189.8	275.8	327.1	327.1	275.8	189.8	106.9	54.9	26.5	11.3				
20	7.6	13.2	33.0	76.9	172.8	310.7	444.5	531.4	531.4	444.5	310.7	172.8	76.9	33.0	13.2	7.6			
10		14.7	38.7	99.7	235.9	419.5	619.3	761.9	761.9	619.3	419.5	235.9	99.7	38.7	14.7				
0	8.0	15.4	41.9	114.5	271.6	487.7	742.1	933.3	933.3	742.1	487.7	271.6	114.5	41.9	15.4	8.0			
-10		15.4	41.9	114.5	271.6	487.7	742.1	933.3	933.3	742.1	487.7	271.6	114.5	41.9	15.4				
-20	7.6	14.7	38.7	99.7	235.9	419.5	619.3	761.9	761.9	619.3	419.5	235.9	99.7	38.7	14.7	7.6			
-30		13.2	33.0	76.9	172.8	310.7	444.5	531.4	531.4	444.5	310.7	172.8	76.9	33.0	13.2				
-40	6.5	11.3	26.5	54.9	106.9	189.8	275.8	327.1	327.1	275.8	189.8	106.9	54.9	26.5	11.3	6.5			
-50		9.3	20.2	37.8	63.7	97.9	135.0	159.7	159.7	135.0	97.9	63.7	37.8	20.2	9.3				
-60	4.4	7.3	14.6	25.3	38.8	53.4	66.6	74.3	74.3	66.6	53.4	38.8	25.3	14.6	7.3	4.4			
-70		5.1	9.7	15.5	22.5	29.2	34.3	36.7	36.7	34.3	29.2	22.5	15.5	9.7	5.1				
-80																			
-90	1.3	9.3		21.2		35.3		30.2		35.3		21.2		9.3		1.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

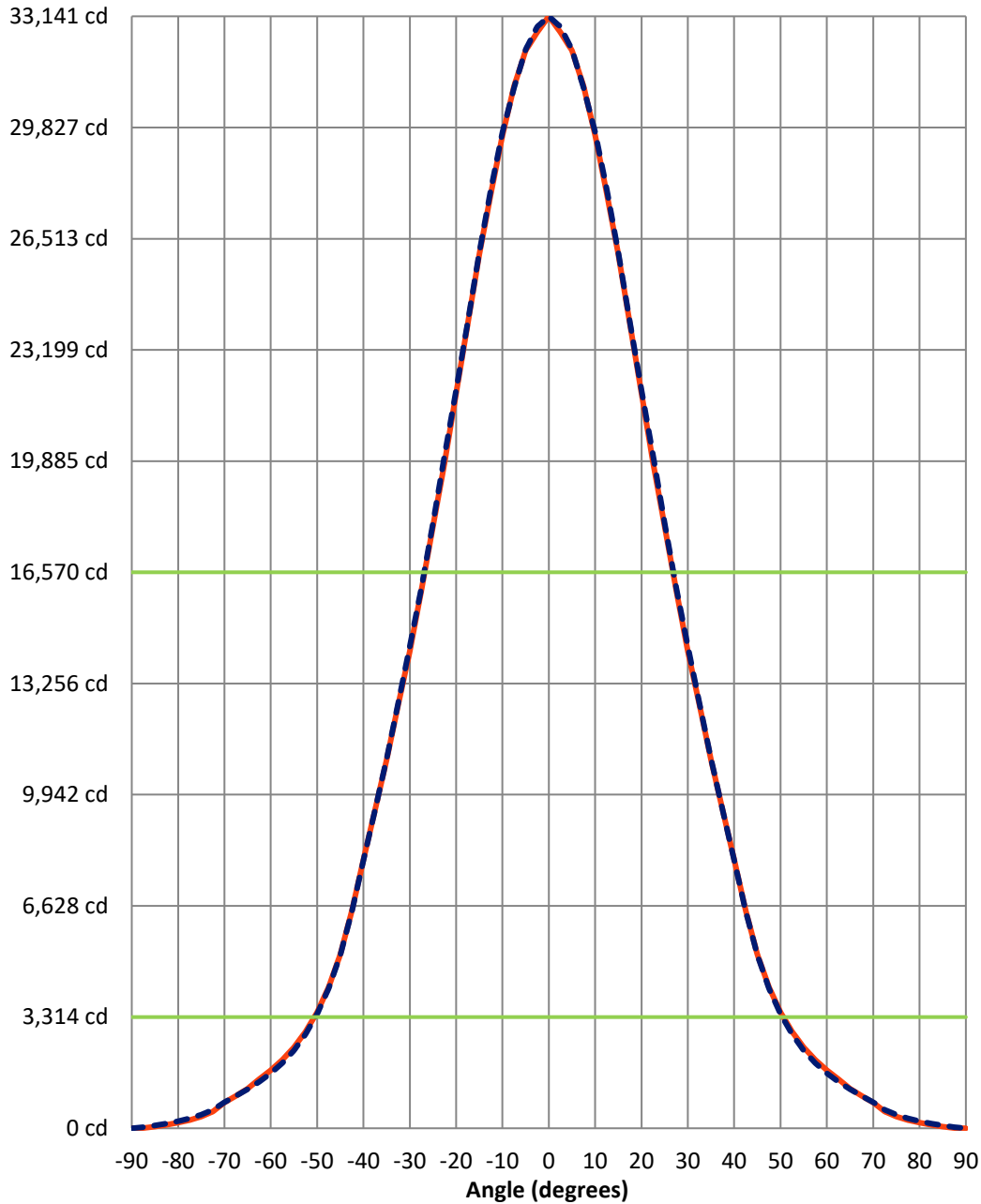
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 16127.5
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 29767.6
Efficiency: 88.3%

Spill:
Lumens: 3962
Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.7	3.9	6.3	9.1	12.3	15.8	17.4	18.8	20.0	20.8
85°	0.0	3.4	7.7	12.7	18.3	24.5	31.4	34.9	37.7	39.9	41.6
82.5°	0.0	5.0	11.6	18.9	27.3	36.7	47.0	52.3	57.7	66.8	74.9
80°	0.0	6.7	15.4	25.2	36.3	48.7	63.8	79.4	92.8	104.9	115.5
77.5°	0.0	8.3	19.1	31.3	45.1	63.3	91.1	111.2	127.9	142.9	157.9
75°	0.0	9.9	22.8	37.3	54.6	82.8	117.7	143.0	163.0	183.4	205.3
72.5°	0.0	11.5	26.4	43.2	67.6	101.6	143.4	174.1	198.3	224.3	252.0
70°	0.0	13.1	29.9	49.4	80.2	119.8	167.7	203.6	233.0	264.5	301.5
67.5°	0.0	14.6	33.3	57.1	92.2	137.1	188.9	232.4	266.9	306.0	350.4
65°	0.0	16.1	36.7	64.4	103.7	153.0	209.0	260.6	300.4	346.0	396.7
62.5°	0.0	17.5	39.8	71.4	114.5	167.6	228.0	287.3	332.6	384.4	439.8
60°	0.0	18.9	42.9	77.9	124.6	181.2	245.7	312.6	363.2	421.5	481.6
57.5°	0.0	20.3	46.6	84.1	134.0	193.9	261.8	335.4	394.3	457.4	520.1
55°	0.0	21.6	50.2	89.7	142.7	205.7	276.6	353.5	424.6	491.8	556.9
52.5°	0.0	22.8	53.7	94.9	150.7	216.4	290.2	373.3	453.7	524.5	592.9
50°	0.0	24.0	57.0	99.6	158.0	226.3	302.5	391.9	481.8	556.5	632.4
47.5°	0.0	25.1	60.1	103.8	164.5	235.1	313.9	408.8	509.5	587.6	671.2
45°	0.0	26.1	63.1	108.1	170.2	243.0	326.8	424.0	529.4	621.2	708.7
42.5°	0.0	27.1	65.9	111.8	175.1	249.8	338.3	438.9	547.6	653.6	747.6
40°	0.0	28.0	68.5	115.9	179.6	255.6	348.3	453.3	565.6	683.8	785.1
37.5°	0.0	28.8	71.0	120.1	183.6	260.3	356.9	466.4	585.4	707.6	820.8
35°	0.0	29.6	73.2	123.9	186.8	265.7	364.0	478.1	604.3	733.7	857.2
32.5°	0.0	30.3	75.3	127.4	189.3	270.7	370.6	488.3	622.3	760.3	894.5
30°	0.0	30.9	77.2	130.5	191.0	274.6	377.8	498.2	639.3	787.1	929.7
27.5°	0.0	31.5	78.9	133.3	195.0	277.4	383.8	510.6	657.1	814.0	962.6
25°	0.0	32.0	80.4	135.8	199.0	279.1	388.4	521.6	677.0	840.4	993.3
22.5°	0.0	32.4	81.7	137.8	202.4	281.3	391.7	531.3	695.9	864.6	1027.0
20°	0.0	32.7	82.8	139.5	205.4	286.4	393.6	539.6	713.7	886.3	1057.1
17.5°	0.0	33.0	83.7	140.9	207.9	290.6	398.0	546.2	730.2	905.5	1083.5
15°	0.0	33.1	84.4	141.9	209.9	293.8	403.3	552.5	744.9	922.1	1106.3
12.5°	0.0	33.3	84.9	142.5	211.3	296.2	407.2	558.1	757.5	935.9	1125.2
10°	0.0	33.3	85.2	142.8	212.3	297.7	409.6	561.2	767.2	947.4	1140.5
7.5°	0.0	33.3	85.3	142.7	212.7	298.4	410.5	561.9	774.0	956.2	1152.5
5°	0.0	33.2	85.1	142.3	212.6	298.1	410.1	560.3	777.8	962.3	1160.4
2.5°	0.0	33.0	84.8	141.6	212.0	297.0	408.3	556.4	778.2	965.3	1164.3
0°	0.0	32.8	84.3	140.5	210.8	295.1	405.2	550.4	775.3	965.0	1164.1
-2.5°	0.0	33.0	84.8	141.6	212.0	297.0	408.3	556.4	778.2	965.3	1164.3
-5°	0.0	33.2	85.1	142.3	212.6	298.1	410.1	560.3	777.8	962.3	1160.4
-7.5°	0.0	33.3	85.3	142.7	212.7	298.4	410.5	561.9	774.0	956.2	1152.5
-10°	0.0	33.3	85.2	142.8	212.3	297.7	409.6	561.2	767.2	947.4	1140.5
-12.5°	0.0	33.3	84.9	142.5	211.3	296.2	407.2	558.1	757.5	935.9	1125.2
-15°	0.0	33.1	84.4	141.9	209.9	293.8	403.3	552.5	744.9	922.1	1106.3
-17.5°	0.0	33.0	83.7	140.9	207.9	290.6	398.0	546.2	730.2	905.5	1083.5
-20°	0.0	32.7	82.8	139.5	205.4	286.4	393.6	539.6	713.7	886.3	1057.1

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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	32.4	81.7	137.8	202.4	281.3	391.7	531.3	695.9	864.6	1027.0
-25°	0.0	32.0	80.4	135.8	199.0	279.1	388.4	521.6	677.0	840.4	993.3
-27.5°	0.0	31.5	78.9	133.3	195.0	277.4	383.8	510.6	657.1	814.0	962.6
-30°	0.0	30.9	77.2	130.5	191.0	274.6	377.8	498.2	639.3	787.1	929.7
-32.5°	0.0	30.3	75.3	127.4	189.3	270.7	370.6	488.3	622.3	760.3	894.5
-35°	0.0	29.6	73.2	123.9	186.8	265.7	364.0	478.1	604.3	733.7	857.2
-37.5°	0.0	28.8	71.0	120.1	183.6	260.3	356.9	466.4	585.4	707.6	820.8
-40°	0.0	28.0	68.5	115.9	179.6	255.6	348.3	453.3	565.6	683.8	785.1
-42.5°	0.0	27.1	65.9	111.8	175.1	249.8	338.3	438.9	547.6	653.6	747.6
-45°	0.0	26.1	63.1	108.1	170.2	243.0	326.8	424.0	529.4	621.2	708.7
-47.5°	0.0	25.1	60.1	103.8	164.5	235.1	313.9	408.8	509.5	587.6	671.2
-50°	0.0	24.0	57.0	99.6	158.0	226.3	302.5	391.9	481.8	556.5	632.4
-52.5°	0.0	22.8	53.7	94.9	150.7	216.4	290.2	373.3	453.7	524.5	592.9
-55°	0.0	21.6	50.2	89.7	142.7	205.7	276.6	353.5	424.6	491.8	556.9
-57.5°	0.0	20.3	46.6	84.1	134.0	193.9	261.8	335.4	394.3	457.4	520.1
-60°	0.0	18.9	42.9	77.9	124.6	181.2	245.7	312.6	363.2	421.5	481.6
-62.5°	0.0	17.5	39.8	71.4	114.5	167.6	228.0	287.3	332.6	384.4	439.8
-65°	0.0	16.1	36.7	64.4	103.7	153.0	209.0	260.6	300.4	346.0	396.7
-67.5°	0.0	14.6	33.3	57.1	92.2	137.1	188.9	232.4	266.9	306.0	350.4
-70°	0.0	13.1	29.9	49.4	80.2	119.8	167.7	203.6	233.0	264.5	301.5
-72.5°	0.0	11.5	26.4	43.2	67.6	101.6	143.4	174.1	198.3	224.3	252.0
-75°	0.0	9.9	22.8	37.3	54.6	82.8	117.7	143.0	163.0	183.4	205.3
-77.5°	0.0	8.3	19.1	31.3	45.1	63.3	91.1	111.2	127.9	142.9	157.9
-80°	0.0	6.7	15.4	25.2	36.3	48.7	63.8	79.4	92.8	104.9	115.5
-82.5°	0.0	5.0	11.6	18.9	27.3	36.7	47.0	52.3	57.7	66.8	74.9
-85°	0.0	3.4	7.7	12.7	18.3	24.5	31.4	34.9	37.7	39.9	41.6
-87.5°	0.0	1.7	3.9	6.3	9.1	12.3	15.8	17.4	18.8	20.0	20.8
-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°	21.1	21.1	20.8	20.1	19.3	18.1	16.6	14.9	15.6	16.2	16.7
85°	42.3	42.2	45.7	48.9	50.5	50.7	49.7	47.5	53.7	60.8	68.3
82.5°	82.4	89.6	96.3	102.7	103.4	101.7	98.6	94.9	107.4	122.6	138.4
80°	126.4	136.9	149.1	160.4	163.1	162.0	158.5	152.7	169.2	192.6	217.8
77.5°	175.4	192.2	207.7	222.1	226.3	225.7	223.1	218.4	239.4	271.8	305.4
75°	227.1	247.4	267.5	285.2	292.7	293.3	292.5	297.4	325.1	362.9	396.3
72.5°	281.0	306.8	329.5	349.0	361.1	370.3	382.6	397.7	425.6	462.7	495.5
70°	338.0	366.6	390.5	412.1	430.7	450.9	476.8	502.5	531.9	569.1	603.1
67.5°	394.2	423.2	450.2	476.7	510.6	543.0	575.2	608.9	646.0	685.0	719.4
65°	446.3	479.1	512.0	550.5	594.6	631.3	671.1	714.8	763.4	807.3	847.2
62.5°	496.3	533.3	574.1	620.6	668.2	714.2	767.6	823.8	880.6	935.6	990.2
60°	538.6	584.7	634.1	686.6	741.6	804.3	866.8	933.7	1001.5	1067.8	1135.3
57.5°	579.2	636.2	693.1	754.3	822.9	894.5	969.6	1044.8	1126.0	1206.2	1282.8
55°	621.3	688.5	753.3	825.8	904.4	988.5	1073.3	1164.6	1254.1	1355.1	1448.3
52.5°	666.4	739.4	815.6	898.6	990.4	1085.2	1184.7	1289.2	1400.8	1513.0	1626.9
50°	710.2	792.6	877.5	976.7	1079.4	1187.7	1302.6	1424.4	1554.3	1684.2	1822.0
47.5°	756.2	844.1	947.7	1055.5	1173.0	1296.4	1426.5	1571.4	1715.7	1879.3	2037.3
45°	801.5	902.6	1015.0	1140.3	1269.3	1408.2	1562.9	1722.1	1906.3	2091.1	2298.7
42.5°	845.0	961.6	1088.4	1222.3	1369.2	1528.8	1700.1	1900.1	2107.9	2336.6	2580.3
40°	895.0	1018.0	1160.8	1310.5	1469.6	1652.1	1858.2	2080.3	2333.7	2604.6	2881.5
37.5°	943.4	1081.5	1232.2	1394.5	1579.3	1784.8	2012.3	2284.6	2577.0	2885.0	3261.7
35°	988.8	1142.1	1305.8	1483.6	1683.7	1921.8	2194.0	2494.8	2831.8	3229.0	3668.5
32.5°	1037.1	1199.4	1375.2	1574.8	1801.3	2061.4	2370.4	2724.6	3123.3	3575.8	4125.6
30°	1085.7	1258.3	1444.2	1660.1	1912.1	2213.1	2564.3	2955.7	3414.4	3981.9	4627.3
27.5°	1130.6	1313.5	1517.0	1750.5	2019.9	2353.0	2750.5	3209.4	3749.8	4391.1	5145.1
25°	1171.9	1363.7	1584.0	1836.6	2138.7	2504.1	2935.1	3443.3	4085.4	4850.1	5777.6
22.5°	1211.3	1409.4	1644.5	1914.1	2245.8	2650.3	3135.4	3716.9	4426.7	5284.9	6397.2
20°	1248.3	1458.9	1704.6	1988.2	2341.5	2782.3	3319.6	3972.3	4780.1	5796.0	7004.8
17.5°	1280.7	1502.5	1761.5	2068.3	2448.1	2916.5	3493.3	4197.8	5094.6	6252.4	7565.5
15°	1308.7	1540.1	1810.7	2137.7	2544.2	3049.8	3675.5	4445.1	5422.7	6667.5	8057.8
12.5°	1331.9	1571.6	1852.0	2196.0	2624.9	3162.6	3831.2	4665.5	5742.3	7058.5	8490.0
10°	1350.4	1596.8	1885.3	2243.2	2689.9	3254.2	3959.5	4845.8	6008.2	7393.6	8855.6
7.5°	1365.9	1616.6	1910.9	2278.9	2739.1	3324.1	4059.4	4985.0	6216.1	7659.0	9136.2
5°	1376.9	1630.7	1930.3	2303.9	2775.2	3372.8	4129.2	5082.3	6363.9	7851.3	9328.1
2.5°	1383.0	1638.4	1941.4	2317.2	2797.4	3400.5	4165.9	5143.3	6445.2	7961.1	9444.0
0°	1384.3	1639.6	1944.1	2318.9	2803.7	3405.7	4171.6	5162.4	6462.3	7989.5	9486.2
-2.5°	1383.0	1638.4	1941.4	2317.2	2797.4	3400.5	4165.9	5143.3	6445.2	7961.1	9444.0
-5°	1376.9	1630.7	1930.3	2303.9	2775.2	3372.8	4129.2	5082.3	6363.9	7851.3	9328.1
-7.5°	1365.9	1616.6	1910.9	2278.9	2739.1	3324.1	4059.4	4985.0	6216.1	7659.0	9136.2
-10°	1350.4	1596.8	1885.3	2243.2	2689.9	3254.2	3959.5	4845.8	6008.2	7393.6	8855.6
-12.5°	1331.9	1571.6	1852.0	2196.0	2624.9	3162.6	3831.2	4665.5	5742.3	7058.5	8490.0
-15°	1308.7	1540.1	1810.7	2137.7	2544.2	3049.8	3675.5	4445.1	5422.7	6667.5	8057.8
-17.5°	1280.7	1502.5	1761.5	2068.3	2448.1	2916.5	3493.3	4197.8	5094.6	6252.4	7565.5
-20°	1248.3	1458.9	1704.6	1988.2	2341.5	2782.3	3319.6	3972.3	4780.1	5796.0	7004.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1211.3	1409.4	1644.5	1914.1	2245.8	2650.3	3135.4	3716.9	4426.7	5284.9	6397.2
-25°	1171.9	1363.7	1584.0	1836.6	2138.7	2504.1	2935.1	3443.3	4085.4	4850.1	5777.6
-27.5°	1130.6	1313.5	1517.0	1750.5	2019.9	2353.0	2750.5	3209.4	3749.8	4391.1	5145.1
-30°	1085.7	1258.3	1444.2	1660.1	1912.1	2213.1	2564.3	2955.7	3414.4	3981.9	4627.3
-32.5°	1037.1	1199.4	1375.2	1574.8	1801.3	2061.4	2370.4	2724.6	3123.3	3575.8	4125.6
-35°	988.8	1142.1	1305.8	1483.6	1683.7	1921.8	2194.0	2494.8	2831.8	3229.0	3668.5
-37.5°	943.4	1081.5	1232.2	1394.5	1579.3	1784.8	2012.3	2284.6	2577.0	2885.0	3261.7
-40°	895.0	1018.0	1160.8	1310.5	1469.6	1652.1	1858.2	2080.3	2333.7	2604.6	2881.5
-42.5°	845.0	961.6	1088.4	1222.3	1369.2	1528.8	1700.1	1900.1	2107.9	2336.6	2580.3
-45°	801.5	902.6	1015.0	1140.3	1269.3	1408.2	1562.9	1722.1	1906.3	2091.1	2298.7
-47.5°	756.2	844.1	947.7	1055.5	1173.0	1296.4	1426.5	1571.4	1715.7	1879.3	2037.3
-50°	710.2	792.6	877.5	976.7	1079.4	1187.7	1302.6	1424.4	1554.3	1684.2	1822.0
-52.5°	666.4	739.4	815.6	898.6	990.4	1085.2	1184.7	1289.2	1400.8	1513.0	1626.9
-55°	621.3	688.5	753.3	825.8	904.4	988.5	1073.3	1164.6	1254.1	1355.1	1448.3
-57.5°	579.2	636.2	693.1	754.3	822.9	894.5	969.6	1044.8	1126.0	1206.2	1282.8
-60°	538.6	584.7	634.1	686.6	741.6	804.3	866.8	933.7	1001.5	1067.8	1135.3
-62.5°	496.3	533.3	574.1	620.6	668.2	714.2	767.6	823.8	880.6	935.6	990.2
-65°	446.3	479.1	512.0	550.5	594.6	631.3	671.1	714.8	763.4	807.3	847.2
-67.5°	394.2	423.2	450.2	476.7	510.6	543.0	575.2	608.9	646.0	685.0	719.4
-70°	338.0	366.6	390.5	412.1	430.7	450.9	476.8	502.5	531.9	569.1	603.1
-72.5°	281.0	306.8	329.5	349.0	361.1	370.3	382.6	397.7	425.6	462.7	495.5
-75°	227.1	247.4	267.5	285.2	292.7	293.3	292.5	297.4	325.1	362.9	396.3
-77.5°	175.4	192.2	207.7	222.1	226.3	225.7	223.1	218.4	239.4	271.8	305.4
-80°	126.4	136.9	149.1	160.4	163.1	162.0	158.5	152.7	169.2	192.6	217.8
-82.5°	82.4	89.6	96.3	102.7	103.4	101.7	98.6	94.9	107.4	122.6	138.4
-85°	42.3	42.2	45.7	48.9	50.5	50.7	49.7	47.5	53.7	60.8	68.3
-87.5°	21.1	21.1	20.8	20.1	19.3	18.1	16.6	14.9	15.6	16.2	16.7
-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: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.3	16.8	16.2	15.6	14.9	14.6	14.3	14.0	13.6	12.6	11.6
85°	76.2	77.9	78.8	79.3	79.3	81.8	84.2	86.4	88.3	80.0	70.9
82.5°	154.9	162.1	168.5	174.9	181.1	185.4	188.7	191.1	192.6	174.4	153.9
80°	243.8	259.0	271.7	283.8	295.4	298.3	298.2	296.5	293.4	268.4	240.2
77.5°	339.1	359.0	374.9	390.6	406.1	411.9	414.6	416.7	418.1	387.2	349.2
75°	425.5	449.3	471.5	492.1	511.1	521.3	527.2	532.1	535.8	504.8	464.0
72.5°	524.0	549.2	573.3	596.1	616.3	629.7	638.4	645.6	651.2	633.6	608.1
70°	632.4	658.5	683.9	707.7	730.5	748.4	762.6	774.7	784.9	786.8	785.9
67.5°	752.7	783.5	813.7	839.6	866.7	892.1	914.4	932.9	947.8	957.5	963.0
65°	887.7	934.1	975.4	1010.3	1039.6	1073.4	1103.3	1126.1	1142.2	1154.4	1164.9
62.5°	1046.8	1103.1	1150.2	1196.9	1245.0	1291.7	1320.9	1350.3	1378.9	1405.9	1429.0
60°	1200.0	1261.7	1325.5	1385.0	1440.1	1490.8	1543.3	1589.8	1630.4	1664.5	1689.8
57.5°	1363.3	1438.2	1510.8	1586.4	1657.6	1723.9	1788.7	1848.5	1900.2	1943.7	1979.2
55°	1540.4	1632.1	1718.4	1814.4	1907.4	1992.2	2070.3	2150.3	2222.5	2285.9	2336.3
52.5°	1731.4	1850.6	1965.0	2077.6	2198.2	2307.0	2404.4	2515.3	2613.7	2695.0	2758.4
50°	1959.5	2099.6	2250.5	2390.1	2542.2	2691.9	2830.0	2963.7	3094.5	3207.7	3299.1
47.5°	2219.2	2391.6	2578.5	2763.7	2952.4	3157.1	3339.7	3509.5	3692.3	3851.1	3978.5
45°	2507.8	2727.7	2953.5	3213.6	3453.3	3716.3	3959.7	4178.3	4437.6	4666.1	4850.0
42.5°	2828.0	3120.9	3417.8	3745.5	4063.5	4397.4	4752.0	5066.6	5410.6	5738.5	6003.5
40°	3224.9	3575.0	3972.7	4369.3	4825.8	5254.6	5771.2	6240.7	6667.1	7058.1	7378.6
37.5°	3665.9	4116.7	4616.3	5132.9	5757.5	6369.7	6974.4	7545.4	8049.4	8477.4	8836.4
35°	4166.7	4739.4	5344.5	6098.8	6830.5	7563.8	8246.8	8870.8	9419.1	9901.9	10312.5
32.5°	4742.6	5429.9	6277.0	7124.4	7959.2	8766.5	9516.4	10197.0	10798.2	11340.3	11812.5
30°	5348.1	6286.0	7236.7	8166.3	9078.0	9962.3	10785.3	11534.9	12214.3	12817.9	13361.8
27.5°	6117.6	7156.9	8193.6	9195.7	10198.7	11166.4	12058.4	12891.3	13670.8	14353.0	14974.7
25°	6861.8	8010.0	9112.0	10204.7	11296.5	12335.5	13332.9	14273.5	15166.3	15949.2	16643.4
22.5°	7605.9	8807.7	9985.4	11160.3	12333.1	13491.4	14611.3	15688.9	16687.4	17578.9	18360.3
20°	8295.1	9551.4	10810.9	12077.5	13348.7	14616.6	15874.3	17087.1	18199.5	19228.7	20133.1
17.5°	8913.0	10249.2	11584.4	12939.2	14317.3	15693.8	17091.0	18450.5	19722.2	20893.3	21942.5
15°	9460.2	10854.4	12288.4	13750.4	15230.2	16725.1	18249.7	19770.9	21202.4	22532.5	23703.8
12.5°	9938.6	11388.1	12891.1	14444.4	16050.5	17679.2	19343.1	21010.4	22595.1	24130.7	25395.6
10°	10333.4	11842.0	13412.9	15045.1	16738.8	18491.7	20276.8	22071.6	23817.5	25446.5	26892.9
7.5°	10638.2	12203.4	13822.1	15519.7	17296.7	19145.1	21036.0	22940.7	24804.0	26559.2	28159.6
5°	10853.3	12466.4	14105.5	15871.4	17710.1	19625.6	21590.9	23575.8	25523.5	27369.1	29027.7
2.5°	10978.1	12624.3	14270.5	16085.1	17955.9	19916.3	21934.9	23952.4	25951.6	27865.8	29570.2
0°	11011.0	12671.7	14365.2	16107.8	18033.2	20052.2	21998.7	24022.4	26100.0	27987.9	29686.0
-2.5°	10978.1	12624.3	14270.5	16085.1	17955.9	19916.3	21934.9	23952.4	25951.6	27865.8	29570.2
-5°	10853.3	12466.4	14105.5	15871.4	17710.1	19625.6	21590.9	23575.8	25523.5	27369.1	29027.7
-7.5°	10638.2	12203.4	13822.1	15519.7	17296.7	19145.1	21036.0	22940.7	24804.0	26559.2	28159.6
-10°	10333.4	11842.0	13412.9	15045.1	16738.8	18491.7	20276.8	22071.6	23817.5	25446.5	26892.9
-12.5°	9938.6	11388.1	12891.1	14444.4	16050.5	17679.2	19343.1	21010.4	22595.1	24130.7	25395.6
-15°	9460.2	10854.4	12288.4	13750.4	15230.2	16725.1	18249.7	19770.9	21202.4	22532.5	23703.8
-17.5°	8913.0	10249.2	11584.4	12939.2	14317.3	15693.8	17091.0	18450.5	19722.2	20893.3	21942.5
-20°	8295.1	9551.4	10810.9	12077.5	13348.7	14616.6	15874.3	17087.1	18199.5	19228.7	20133.1



REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7605.9	8807.7	9985.4	11160.3	12333.1	13491.4	14611.3	15688.9	16687.4	17578.9	18360.3
-25°	6861.8	8010.0	9112.0	10204.7	11296.5	12335.5	13332.9	14273.5	15166.3	15949.2	16643.4
-27.5°	6117.6	7156.9	8193.6	9195.7	10198.7	11166.4	12058.4	12891.3	13670.8	14353.0	14974.7
-30°	5348.1	6286.0	7236.7	8166.3	9078.0	9962.3	10785.3	11534.9	12214.3	12817.9	13361.8
-32.5°	4742.6	5429.9	6277.0	7124.4	7959.2	8766.5	9516.4	10197.0	10798.2	11340.3	11812.5
-35°	4166.7	4739.4	5344.5	6098.8	6830.5	7563.8	8246.8	8870.8	9419.1	9901.9	10312.5
-37.5°	3665.9	4116.7	4616.3	5132.9	5757.5	6369.7	6974.4	7545.4	8049.4	8477.4	8836.4
-40°	3224.9	3575.0	3972.7	4369.3	4825.8	5254.6	5771.2	6240.7	6667.1	7058.1	7378.6
-42.5°	2828.0	3120.9	3417.8	3745.5	4063.5	4397.4	4752.0	5066.6	5410.6	5738.5	6003.5
-45°	2507.8	2727.7	2953.5	3213.6	3453.3	3716.3	3959.7	4178.3	4437.6	4666.1	4850.0
-47.5°	2219.2	2391.6	2578.5	2763.7	2952.4	3157.1	3339.7	3509.5	3692.3	3851.1	3978.5
-50°	1959.5	2099.6	2250.5	2390.1	2542.2	2691.9	2830.0	2963.7	3094.5	3207.7	3299.1
-52.5°	1731.4	1850.6	1965.0	2077.6	2198.2	2307.0	2404.4	2515.3	2613.7	2695.0	2758.4
-55°	1540.4	1632.1	1718.4	1814.4	1907.4	1992.2	2070.3	2150.3	2222.5	2285.9	2336.3
-57.5°	1363.3	1438.2	1510.8	1586.4	1657.6	1723.9	1788.7	1848.5	1900.2	1943.7	1979.2
-60°	1200.0	1261.7	1325.5	1385.0	1440.1	1490.8	1543.3	1589.8	1630.4	1664.5	1689.8
-62.5°	1046.8	1103.1	1150.2	1196.9	1245.0	1291.7	1320.9	1350.3	1378.9	1405.9	1429.0
-65°	887.7	934.1	975.4	1010.3	1039.6	1073.4	1103.3	1126.1	1142.2	1154.4	1164.9
-67.5°	752.7	783.5	813.7	839.6	866.7	892.1	914.4	932.9	947.8	957.5	963.0
-70°	632.4	658.5	683.9	707.7	730.5	748.4	762.6	774.7	784.9	786.8	785.9
-72.5°	524.0	549.2	573.3	596.1	616.3	629.7	638.4	645.6	651.2	633.6	608.1
-75°	425.5	449.3	471.5	492.1	511.1	521.3	527.2	532.1	535.8	504.8	464.0
-77.5°	339.1	359.0	374.9	390.6	406.1	411.9	414.6	416.7	418.1	387.2	349.2
-80°	243.8	259.0	271.7	283.8	295.4	298.3	298.2	296.5	293.4	268.4	240.2
-82.5°	154.9	162.1	168.5	174.9	181.1	185.4	188.7	191.1	192.6	174.4	153.9
-85°	76.2	77.9	78.8	79.3	79.3	81.8	84.2	86.4	88.3	80.0	70.9
-87.5°	17.3	16.8	16.2	15.6	14.9	14.6	14.3	14.0	13.6	12.6	11.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.5	9.4	8.2	7.0	8.2	9.4	10.5	11.6	12.6	13.6	14.0
85°	61.3	51.3	50.3	49.2	50.3	51.3	61.3	70.9	80.0	88.3	86.4
82.5°	132.3	109.8	106.5	103.1	106.5	109.8	132.3	153.9	174.4	192.6	191.1
80°	210.7	180.3	174.3	168.6	174.3	180.3	210.7	240.2	268.4	293.4	296.5
77.5°	309.1	267.4	255.2	243.6	255.2	267.4	309.1	349.2	387.2	418.1	416.7
75°	421.6	377.7	362.9	349.0	362.9	377.7	421.6	464.0	504.8	535.8	532.1
72.5°	582.3	555.5	528.5	498.9	528.5	555.5	582.3	608.1	633.6	651.2	645.6
70°	785.1	783.2	776.4	765.9	776.4	783.2	785.1	785.9	786.8	784.9	774.7
67.5°	965.3	964.5	966.9	967.4	966.9	964.5	965.3	963.0	957.5	947.8	932.9
65°	1171.3	1173.5	1178.3	1180.5	1178.3	1173.5	1171.3	1164.9	1154.4	1142.2	1126.1
62.5°	1446.7	1458.7	1464.6	1463.9	1464.6	1458.7	1446.7	1429.0	1405.9	1378.9	1350.3
60°	1708.7	1721.2	1729.0	1730.9	1729.0	1721.2	1708.7	1689.8	1664.5	1630.4	1589.8
57.5°	2007.4	2027.8	2038.6	2040.1	2038.6	2027.8	2007.4	1979.2	1943.7	1900.2	1848.5
55°	2374.9	2401.9	2413.9	2412.5	2413.9	2401.9	2374.9	2336.3	2285.9	2222.5	2150.3
52.5°	2806.2	2839.1	2863.7	2878.7	2863.7	2839.1	2806.2	2758.4	2695.0	2613.7	2515.3
50°	3367.9	3415.0	3445.0	3457.2	3445.0	3415.0	3367.9	3299.1	3207.7	3094.5	2963.7
47.5°	4070.5	4132.9	4179.2	4211.4	4179.2	4132.9	4070.5	3978.5	3851.1	3692.3	3509.5
45°	4985.9	5081.0	5145.7	5183.5	5145.7	5081.0	4985.9	4850.0	4666.1	4437.6	4178.3
42.5°	6210.5	6358.2	6448.7	6483.4	6448.7	6358.2	6210.5	6003.5	5738.5	5410.6	5066.6
40°	7631.6	7809.1	7925.5	8005.9	7925.5	7809.1	7631.6	7378.6	7058.1	6667.1	6240.7
37.5°	9111.9	9298.3	9411.6	9488.6	9411.6	9298.3	9111.9	8836.4	8477.4	8049.4	7545.4
35°	10622.0	10817.1	10923.4	10982.9	10923.4	10817.1	10622.0	10312.5	9901.9	9419.1	8870.8
32.5°	12172.4	12387.3	12503.0	12622.5	12503.0	12387.3	12172.4	11812.5	11340.3	10798.2	10197.0
30°	13791.6	14038.3	14159.3	14217.6	14159.3	14038.3	13791.6	13361.8	12817.9	12214.3	11534.9
27.5°	15476.5	15784.0	15935.5	16035.2	15935.5	15784.0	15476.5	14974.7	14353.0	13670.8	12891.3
25°	17229.7	17610.8	17784.2	17939.5	17784.2	17610.8	17229.7	16643.4	15949.2	15166.3	14273.5
22.5°	19048.7	19523.2	19724.1	19834.4	19724.1	19523.2	19048.7	18360.3	17578.9	16687.4	15688.9
20°	20915.2	21482.2	21761.3	21905.0	21761.3	21482.2	20915.2	20133.1	19228.7	18199.5	17087.1
17.5°	22823.8	23529.0	23890.3	23973.2	23890.3	23529.0	22823.8	21942.5	20893.3	19722.2	18450.5
15°	24697.5	25460.3	25887.3	26043.8	25887.3	25460.3	24697.5	23703.8	22532.5	21202.4	19770.9
12.5°	26471.9	27262.6	27772.8	27863.7	27772.8	27262.6	26471.9	25395.6	24130.7	22595.1	21010.4
10°	28081.3	28900.3	29463.8	29592.3	29463.8	28900.3	28081.3	26892.9	25446.5	23817.5	22071.6
7.5°	29426.6	30325.4	30947.9	31056.2	30947.9	30325.4	29426.6	28159.6	26559.2	24804.0	22940.7
5°	30411.0	31478.0	31989.1	32117.3	31989.1	31478.0	30411.0	29027.7	27369.1	25523.5	23575.8
2.5°	30950.9	32037.1	32747.4	32665.4	32747.4	32037.1	30950.9	29570.2	27865.8	25951.6	23952.4
0°	31011.7	32147.7	32827.0	33140.9	32827.0	32147.7	31011.7	29686.0	27987.9	26100.0	24022.4
-2.5°	30950.9	32037.1	32747.4	32665.4	32747.4	32037.1	30950.9	29570.2	27865.8	25951.6	23952.4
-5°	30411.0	31478.0	31989.1	32117.3	31989.1	31478.0	30411.0	29027.7	27369.1	25523.5	23575.8
-7.5°	29426.6	30325.4	30947.9	31056.2	30947.9	30325.4	29426.6	28159.6	26559.2	24804.0	22940.7
-10°	28081.3	28900.3	29463.8	29592.3	29463.8	28900.3	28081.3	26892.9	25446.5	23817.5	22071.6
-12.5°	26471.9	27262.6	27772.8	27863.7	27772.8	27262.6	26471.9	25395.6	24130.7	22595.1	21010.4
-15°	24697.5	25460.3	25887.3	26043.8	25887.3	25460.3	24697.5	23703.8	22532.5	21202.4	19770.9
-17.5°	22823.8	23529.0	23890.3	23973.2	23890.3	23529.0	22823.8	21942.5	20893.3	19722.2	18450.5
-20°	20915.2	21482.2	21761.3	21905.0	21761.3	21482.2	20915.2	20133.1	19228.7	18199.5	17087.1



REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19048.7	19523.2	19724.1	19834.4	19724.1	19523.2	19048.7	18360.3	17578.9	16687.4	15688.9
-25°	17229.7	17610.8	17784.2	17939.5	17784.2	17610.8	17229.7	16643.4	15949.2	15166.3	14273.5
-27.5°	15476.5	15784.0	15935.5	16035.2	15935.5	15784.0	15476.5	14974.7	14353.0	13670.8	12891.3
-30°	13791.6	14038.3	14159.3	14217.6	14159.3	14038.3	13791.6	13361.8	12817.9	12214.3	11534.9
-32.5°	12172.4	12387.3	12503.0	12622.5	12503.0	12387.3	12172.4	11812.5	11340.3	10798.2	10197.0
-35°	10622.0	10817.1	10923.4	10982.9	10923.4	10817.1	10622.0	10312.5	9901.9	9419.1	8870.8
-37.5°	9111.9	9298.3	9411.6	9488.6	9411.6	9298.3	9111.9	8836.4	8477.4	8049.4	7545.4
-40°	7631.6	7809.1	7925.5	8005.9	7925.5	7809.1	7631.6	7378.6	7058.1	6667.1	6240.7
-42.5°	6210.5	6358.2	6448.7	6483.4	6448.7	6358.2	6210.5	6003.5	5738.5	5410.6	5066.6
-45°	4985.9	5081.0	5145.7	5183.5	5145.7	5081.0	4985.9	4850.0	4666.1	4437.6	4178.3
-47.5°	4070.5	4132.9	4179.2	4211.4	4179.2	4132.9	4070.5	3978.5	3851.1	3692.3	3509.5
-50°	3367.9	3415.0	3445.0	3457.2	3445.0	3415.0	3367.9	3299.1	3207.7	3094.5	2963.7
-52.5°	2806.2	2839.1	2863.7	2878.7	2863.7	2839.1	2806.2	2758.4	2695.0	2613.7	2515.3
-55°	2374.9	2401.9	2413.9	2412.5	2413.9	2401.9	2374.9	2336.3	2285.9	2222.5	2150.3
-57.5°	2007.4	2027.8	2038.6	2040.1	2038.6	2027.8	2007.4	1979.2	1943.7	1900.2	1848.5
-60°	1708.7	1721.2	1729.0	1730.9	1729.0	1721.2	1708.7	1689.8	1664.5	1630.4	1589.8
-62.5°	1446.7	1458.7	1464.6	1463.9	1464.6	1458.7	1446.7	1429.0	1405.9	1378.9	1350.3
-65°	1171.3	1173.5	1178.3	1180.5	1178.3	1173.5	1171.3	1164.9	1154.4	1142.2	1126.1
-67.5°	965.3	964.5	966.9	967.4	966.9	964.5	965.3	963.0	957.5	947.8	932.9
-70°	785.1	783.2	776.4	765.9	776.4	783.2	785.1	785.9	786.8	784.9	774.7
-72.5°	582.3	555.5	528.5	498.9	528.5	555.5	582.3	608.1	633.6	651.2	645.6
-75°	421.6	377.7	362.9	349.0	362.9	377.7	421.6	464.0	504.8	535.8	532.1
-77.5°	309.1	267.4	255.2	243.6	255.2	267.4	309.1	349.2	387.2	418.1	416.7
-80°	210.7	180.3	174.3	168.6	174.3	180.3	210.7	240.2	268.4	293.4	296.5
-82.5°	132.3	109.8	106.5	103.1	106.5	109.8	132.3	153.9	174.4	192.6	191.1
-85°	61.3	51.3	50.3	49.2	50.3	51.3	61.3	70.9	80.0	88.3	86.4
-87.5°	10.5	9.4	8.2	7.0	8.2	9.4	10.5	11.6	12.6	13.6	14.0
-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: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.3	14.6	14.9	15.6	16.2	16.8	17.3	16.7	16.2	15.6	14.9
85°	84.2	81.8	79.3	79.3	78.8	77.9	76.2	68.3	60.8	53.7	47.5
82.5°	188.7	185.4	181.1	174.9	168.5	162.1	154.9	138.4	122.6	107.4	94.9
80°	298.2	298.3	295.4	283.8	271.7	259.0	243.8	217.8	192.6	169.2	152.7
77.5°	414.6	411.9	406.1	390.6	374.9	359.0	339.1	305.4	271.8	239.4	218.4
75°	527.2	521.3	511.1	492.1	471.5	449.3	425.5	396.3	362.9	325.1	297.4
72.5°	638.4	629.7	616.3	596.1	573.3	549.2	524.0	495.5	462.7	425.6	397.7
70°	762.6	748.4	730.5	707.7	683.9	658.5	632.4	603.1	569.1	531.9	502.5
67.5°	914.4	892.1	866.7	839.6	813.7	783.5	752.7	719.4	685.0	646.0	608.9
65°	1103.3	1073.4	1039.6	1010.3	975.4	934.1	887.7	847.2	807.3	763.4	714.8
62.5°	1320.9	1291.7	1245.0	1196.9	1150.2	1103.1	1046.8	990.2	935.6	880.6	823.8
60°	1543.3	1490.8	1440.1	1385.0	1325.5	1261.7	1200.0	1135.3	1067.8	1001.5	933.7
57.5°	1788.7	1723.9	1657.6	1586.4	1510.8	1438.2	1363.3	1282.8	1206.2	1126.0	1044.8
55°	2070.3	1992.2	1907.4	1814.4	1718.4	1632.1	1540.4	1448.3	1355.1	1254.1	1164.6
52.5°	2404.4	2307.0	2198.2	2077.6	1965.0	1850.6	1731.4	1626.9	1513.0	1400.8	1289.2
50°	2830.0	2691.9	2542.2	2390.1	2250.5	2099.6	1959.5	1822.0	1684.2	1554.3	1424.4
47.5°	3339.7	3157.1	2952.4	2763.7	2578.5	2391.6	2219.2	2037.3	1879.3	1715.7	1571.4
45°	3959.7	3716.3	3453.3	3213.6	2953.5	2727.7	2507.8	2298.7	2091.1	1906.3	1722.1
42.5°	4752.0	4397.4	4063.5	3745.5	3417.8	3120.9	2828.0	2580.3	2336.6	2107.9	1900.1
40°	5771.2	5254.6	4825.8	4369.3	3972.7	3575.0	3224.9	2881.5	2604.6	2333.7	2080.3
37.5°	6974.4	6369.7	5757.5	5132.9	4616.3	4116.7	3665.9	3261.7	2885.0	2577.0	2284.6
35°	8246.8	7563.8	6830.5	6098.8	5344.5	4739.4	4166.7	3668.5	3229.0	2831.8	2494.8
32.5°	9516.4	8766.5	7959.2	7124.4	6277.0	5429.9	4742.6	4125.6	3575.8	3123.3	2724.6
30°	10785.3	9962.3	9078.0	8166.3	7236.7	6286.0	5348.1	4627.3	3981.9	3414.4	2955.7
27.5°	12058.4	11166.4	10198.7	9195.7	8193.6	7156.9	6117.6	5145.1	4391.1	3749.8	3209.4
25°	13332.9	12335.5	11296.5	10204.7	9112.0	8010.0	6861.8	5777.6	4850.1	4085.4	3443.3
22.5°	14611.3	13491.4	12333.1	11160.3	9985.4	8807.7	7605.9	6397.2	5284.9	4426.7	3716.9
20°	15874.3	14616.6	13348.7	12077.5	10810.9	9551.4	8295.1	7004.8	5796.0	4780.1	3972.3
17.5°	17091.0	15693.8	14317.3	12939.2	11584.4	10249.2	8913.0	7565.5	6252.4	5094.6	4197.8
15°	18249.7	16725.1	15230.2	13750.4	12288.4	10854.4	9460.2	8057.8	6667.5	5422.7	4445.1
12.5°	19343.1	17679.2	16050.5	14444.4	12891.1	11388.1	9938.6	8490.0	7058.5	5742.3	4665.5
10°	20276.8	18491.7	16738.8	15045.1	13412.9	11842.0	10333.4	8855.6	7393.6	6008.2	4845.8
7.5°	21036.0	19145.1	17296.7	15519.7	13822.1	12203.4	10638.2	9136.2	7659.0	6216.1	4985.0
5°	21590.9	19625.6	17710.1	15871.4	14105.5	12466.4	10853.3	9328.1	7851.3	6363.9	5082.3
2.5°	21934.9	19916.3	17955.9	16085.1	14270.5	12624.3	10978.1	9444.0	7961.1	6445.2	5143.3
0°	21998.7	20052.2	18033.2	16107.8	14365.2	12671.7	11011.0	9486.2	7989.5	6462.3	5162.4
-2.5°	21934.9	19916.3	17955.9	16085.1	14270.5	12624.3	10978.1	9444.0	7961.1	6445.2	5143.3
-5°	21590.9	19625.6	17710.1	15871.4	14105.5	12466.4	10853.3	9328.1	7851.3	6363.9	5082.3
-7.5°	21036.0	19145.1	17296.7	15519.7	13822.1	12203.4	10638.2	9136.2	7659.0	6216.1	4985.0
-10°	20276.8	18491.7	16738.8	15045.1	13412.9	11842.0	10333.4	8855.6	7393.6	6008.2	4845.8
-12.5°	19343.1	17679.2	16050.5	14444.4	12891.1	11388.1	9938.6	8490.0	7058.5	5742.3	4665.5
-15°	18249.7	16725.1	15230.2	13750.4	12288.4	10854.4	9460.2	8057.8	6667.5	5422.7	4445.1
-17.5°	17091.0	15693.8	14317.3	12939.2	11584.4	10249.2	8913.0	7565.5	6252.4	5094.6	4197.8
-20°	15874.3	14616.6	13348.7	12077.5	10810.9	9551.4	8295.1	7004.8	5796.0	4780.1	3972.3



REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14611.3	13491.4	12333.1	11160.3	9985.4	8807.7	7605.9	6397.2	5284.9	4426.7	3716.9
-25°	13332.9	12335.5	11296.5	10204.7	9112.0	8010.0	6861.8	5777.6	4850.1	4085.4	3443.3
-27.5°	12058.4	11166.4	10198.7	9195.7	8193.6	7156.9	6117.6	5145.1	4391.1	3749.8	3209.4
-30°	10785.3	9962.3	9078.0	8166.3	7236.7	6286.0	5348.1	4627.3	3981.9	3414.4	2955.7
-32.5°	9516.4	8766.5	7959.2	7124.4	6277.0	5429.9	4742.6	4125.6	3575.8	3123.3	2724.6
-35°	8246.8	7563.8	6830.5	6098.8	5344.5	4739.4	4166.7	3668.5	3229.0	2831.8	2494.8
-37.5°	6974.4	6369.7	5757.5	5132.9	4616.3	4116.7	3665.9	3261.7	2885.0	2577.0	2284.6
-40°	5771.2	5254.6	4825.8	4369.3	3972.7	3575.0	3224.9	2881.5	2604.6	2333.7	2080.3
-42.5°	4752.0	4397.4	4063.5	3745.5	3417.8	3120.9	2828.0	2580.3	2336.6	2107.9	1900.1
-45°	3959.7	3716.3	3453.3	3213.6	2953.5	2727.7	2507.8	2298.7	2091.1	1906.3	1722.1
-47.5°	3339.7	3157.1	2952.4	2763.7	2578.5	2391.6	2219.2	2037.3	1879.3	1715.7	1571.4
-50°	2830.0	2691.9	2542.2	2390.1	2250.5	2099.6	1959.5	1822.0	1684.2	1554.3	1424.4
-52.5°	2404.4	2307.0	2198.2	2077.6	1965.0	1850.6	1731.4	1626.9	1513.0	1400.8	1289.2
-55°	2070.3	1992.2	1907.4	1814.4	1718.4	1632.1	1540.4	1448.3	1355.1	1254.1	1164.6
-57.5°	1788.7	1723.9	1657.6	1586.4	1510.8	1438.2	1363.3	1282.8	1206.2	1126.0	1044.8
-60°	1543.3	1490.8	1440.1	1385.0	1325.5	1261.7	1200.0	1135.3	1067.8	1001.5	933.7
-62.5°	1320.9	1291.7	1245.0	1196.9	1150.2	1103.1	1046.8	990.2	935.6	880.6	823.8
-65°	1103.3	1073.4	1039.6	1010.3	975.4	934.1	887.7	847.2	807.3	763.4	714.8
-67.5°	914.4	892.1	866.7	839.6	813.7	783.5	752.7	719.4	685.0	646.0	608.9
-70°	762.6	748.4	730.5	707.7	683.9	658.5	632.4	603.1	569.1	531.9	502.5
-72.5°	638.4	629.7	616.3	596.1	573.3	549.2	524.0	495.5	462.7	425.6	397.7
-75°	527.2	521.3	511.1	492.1	471.5	449.3	425.5	396.3	362.9	325.1	297.4
-77.5°	414.6	411.9	406.1	390.6	374.9	359.0	339.1	305.4	271.8	239.4	218.4
-80°	298.2	298.3	295.4	283.8	271.7	259.0	243.8	217.8	192.6	169.2	152.7
-82.5°	188.7	185.4	181.1	174.9	168.5	162.1	154.9	138.4	122.6	107.4	94.9
-85°	84.2	81.8	79.3	79.3	78.8	77.9	76.2	68.3	60.8	53.7	47.5
-87.5°	14.3	14.6	14.9	15.6	16.2	16.8	17.3	16.7	16.2	15.6	14.9
-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: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	18.1	19.3	20.1	20.8	21.1	21.1	20.8	20.0	18.8	17.4
85°	49.7	50.7	50.5	48.9	45.7	42.2	42.3	41.6	39.9	37.7	34.9
82.5°	98.6	101.7	103.4	102.7	96.3	89.6	82.4	74.9	66.8	57.7	52.3
80°	158.5	162.0	163.1	160.4	149.1	136.9	126.4	115.5	104.9	92.8	79.4
77.5°	223.1	225.7	226.3	222.1	207.7	192.2	175.4	157.9	142.9	127.9	111.2
75°	292.5	293.3	292.7	285.2	267.5	247.4	227.1	205.3	183.4	163.0	143.0
72.5°	382.6	370.3	361.1	349.0	329.5	306.8	281.0	252.0	224.3	198.3	174.1
70°	476.8	450.9	430.7	412.1	390.5	366.6	338.0	301.5	264.5	233.0	203.6
67.5°	575.2	543.0	510.6	476.7	450.2	423.2	394.2	350.4	306.0	266.9	232.4
65°	671.1	631.3	594.6	550.5	512.0	479.1	446.3	396.7	346.0	300.4	260.6
62.5°	767.6	714.2	668.2	620.6	574.1	533.3	496.3	439.8	384.4	332.6	287.3
60°	866.8	804.3	741.6	686.6	634.1	584.7	538.6	481.6	421.5	363.2	312.6
57.5°	969.6	894.5	822.9	754.3	693.1	636.2	579.2	520.1	457.4	394.3	335.4
55°	1073.3	988.5	904.4	825.8	753.3	688.5	621.3	556.9	491.8	424.6	353.5
52.5°	1184.7	1085.2	990.4	898.6	815.6	739.4	666.4	592.9	524.5	453.7	373.3
50°	1302.6	1187.7	1079.4	976.7	877.5	792.6	710.2	632.4	556.5	481.8	391.9
47.5°	1426.5	1296.4	1173.0	1055.5	947.7	844.1	756.2	671.2	587.6	509.5	408.8
45°	1562.9	1408.2	1269.3	1140.3	1015.0	902.6	801.5	708.7	621.2	529.4	424.0
42.5°	1700.1	1528.8	1369.2	1222.3	1088.4	961.6	845.0	747.6	653.6	547.6	438.9
40°	1858.2	1652.1	1469.6	1310.5	1160.8	1018.0	895.0	785.1	683.8	565.6	453.3
37.5°	2012.3	1784.8	1579.3	1394.5	1232.2	1081.5	943.4	820.8	707.6	585.4	466.4
35°	2194.0	1921.8	1683.7	1483.6	1305.8	1142.1	988.8	857.2	733.7	604.3	478.1
32.5°	2370.4	2061.4	1801.3	1574.8	1375.2	1199.4	1037.1	894.5	760.3	622.3	488.3
30°	2564.3	2213.1	1912.1	1660.1	1444.2	1258.3	1085.7	929.7	787.1	639.3	498.2
27.5°	2750.5	2353.0	2019.9	1750.5	1517.0	1313.5	1130.6	962.6	814.0	657.1	510.6
25°	2935.1	2504.1	2138.7	1836.6	1584.0	1363.7	1171.9	993.3	840.4	677.0	521.6
22.5°	3135.4	2650.3	2245.8	1914.1	1644.5	1409.4	1211.3	1027.0	864.6	695.9	531.3
20°	3319.6	2782.3	2341.5	1988.2	1704.6	1458.9	1248.3	1057.1	886.3	713.7	539.6
17.5°	3493.3	2916.5	2448.1	2068.3	1761.5	1502.5	1280.7	1083.5	905.5	730.2	546.2
15°	3675.5	3049.8	2544.2	2137.7	1810.7	1540.1	1308.7	1106.3	922.1	744.9	552.5
12.5°	3831.2	3162.6	2624.9	2196.0	1852.0	1571.6	1331.9	1125.2	935.9	757.5	558.1
10°	3959.5	3254.2	2689.9	2243.2	1885.3	1596.8	1350.4	1140.5	947.4	767.2	561.2
7.5°	4059.4	3324.1	2739.1	2278.9	1910.9	1616.6	1365.9	1152.5	956.2	774.0	561.9
5°	4129.2	3372.8	2775.2	2303.9	1930.3	1630.7	1376.9	1160.4	962.3	777.8	560.3
2.5°	4165.9	3400.5	2797.4	2317.2	1941.4	1638.4	1383.0	1164.3	965.3	778.2	556.4
0°	4171.6	3405.7	2803.7	2318.9	1944.1	1639.6	1384.3	1164.1	965.0	775.3	550.4
-2.5°	4165.9	3400.5	2797.4	2317.2	1941.4	1638.4	1383.0	1164.3	965.3	778.2	556.4
-5°	4129.2	3372.8	2775.2	2303.9	1930.3	1630.7	1376.9	1160.4	962.3	777.8	560.3
-7.5°	4059.4	3324.1	2739.1	2278.9	1910.9	1616.6	1365.9	1152.5	956.2	774.0	561.9
-10°	3959.5	3254.2	2689.9	2243.2	1885.3	1596.8	1350.4	1140.5	947.4	767.2	561.2
-12.5°	3831.2	3162.6	2624.9	2196.0	1852.0	1571.6	1331.9	1125.2	935.9	757.5	558.1
-15°	3675.5	3049.8	2544.2	2137.7	1810.7	1540.1	1308.7	1106.3	922.1	744.9	552.5
-17.5°	3493.3	2916.5	2448.1	2068.3	1761.5	1502.5	1280.7	1083.5	905.5	730.2	546.2
-20°	3319.6	2782.3	2341.5	1988.2	1704.6	1458.9	1248.3	1057.1	886.3	713.7	539.6

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3135.4	2650.3	2245.8	1914.1	1644.5	1409.4	1211.3	1027.0	864.6	695.9	531.3
-25°	2935.1	2504.1	2138.7	1836.6	1584.0	1363.7	1171.9	993.3	840.4	677.0	521.6
-27.5°	2750.5	2353.0	2019.9	1750.5	1517.0	1313.5	1130.6	962.6	814.0	657.1	510.6
-30°	2564.3	2213.1	1912.1	1660.1	1444.2	1258.3	1085.7	929.7	787.1	639.3	498.2
-32.5°	2370.4	2061.4	1801.3	1574.8	1375.2	1199.4	1037.1	894.5	760.3	622.3	488.3
-35°	2194.0	1921.8	1683.7	1483.6	1305.8	1142.1	988.8	857.2	733.7	604.3	478.1
-37.5°	2012.3	1784.8	1579.3	1394.5	1232.2	1081.5	943.4	820.8	707.6	585.4	466.4
-40°	1858.2	1652.1	1469.6	1310.5	1160.8	1018.0	895.0	785.1	683.8	565.6	453.3
-42.5°	1700.1	1528.8	1369.2	1222.3	1088.4	961.6	845.0	747.6	653.6	547.6	438.9
-45°	1562.9	1408.2	1269.3	1140.3	1015.0	902.6	801.5	708.7	621.2	529.4	424.0
-47.5°	1426.5	1296.4	1173.0	1055.5	947.7	844.1	756.2	671.2	587.6	509.5	408.8
-50°	1302.6	1187.7	1079.4	976.7	877.5	792.6	710.2	632.4	556.5	481.8	391.9
-52.5°	1184.7	1085.2	990.4	898.6	815.6	739.4	666.4	592.9	524.5	453.7	373.3
-55°	1073.3	988.5	904.4	825.8	753.3	688.5	621.3	556.9	491.8	424.6	353.5
-57.5°	969.6	894.5	822.9	754.3	693.1	636.2	579.2	520.1	457.4	394.3	335.4
-60°	866.8	804.3	741.6	686.6	634.1	584.7	538.6	481.6	421.5	363.2	312.6
-62.5°	767.6	714.2	668.2	620.6	574.1	533.3	496.3	439.8	384.4	332.6	287.3
-65°	671.1	631.3	594.6	550.5	512.0	479.1	446.3	396.7	346.0	300.4	260.6
-67.5°	575.2	543.0	510.6	476.7	450.2	423.2	394.2	350.4	306.0	266.9	232.4
-70°	476.8	450.9	430.7	412.1	390.5	366.6	338.0	301.5	264.5	233.0	203.6
-72.5°	382.6	370.3	361.1	349.0	329.5	306.8	281.0	252.0	224.3	198.3	174.1
-75°	292.5	293.3	292.7	285.2	267.5	247.4	227.1	205.3	183.4	163.0	143.0
-77.5°	223.1	225.7	226.3	222.1	207.7	192.2	175.4	157.9	142.9	127.9	111.2
-80°	158.5	162.0	163.1	160.4	149.1	136.9	126.4	115.5	104.9	92.8	79.4
-82.5°	98.6	101.7	103.4	102.7	96.3	89.6	82.4	74.9	66.8	57.7	52.3
-85°	49.7	50.7	50.5	48.9	45.7	42.2	42.3	41.6	39.9	37.7	34.9
-87.5°	16.6	18.1	19.3	20.1	20.8	21.1	21.1	20.8	20.0	18.8	17.4
-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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REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.8	12.3	9.1	6.3	3.9	1.7	0.0
85°	31.4	24.5	18.3	12.7	7.7	3.4	0.0
82.5°	47.0	36.7	27.3	18.9	11.6	5.0	0.0
80°	63.8	48.7	36.3	25.2	15.4	6.7	0.0
77.5°	91.1	63.3	45.1	31.3	19.1	8.3	0.0
75°	117.7	82.8	54.6	37.3	22.8	9.9	0.0
72.5°	143.4	101.6	67.6	43.2	26.4	11.5	0.0
70°	167.7	119.8	80.2	49.4	29.9	13.1	0.0
67.5°	188.9	137.1	92.2	57.1	33.3	14.6	0.0
65°	209.0	153.0	103.7	64.4	36.7	16.1	0.0
62.5°	228.0	167.6	114.5	71.4	39.8	17.5	0.0
60°	245.7	181.2	124.6	77.9	42.9	18.9	0.0
57.5°	261.8	193.9	134.0	84.1	46.6	20.3	0.0
55°	276.6	205.7	142.7	89.7	50.2	21.6	0.0
52.5°	290.2	216.4	150.7	94.9	53.7	22.8	0.0
50°	302.5	226.3	158.0	99.6	57.0	24.0	0.0
47.5°	313.9	235.1	164.5	103.8	60.1	25.1	0.0
45°	326.8	243.0	170.2	108.1	63.1	26.1	0.0
42.5°	338.3	249.8	175.1	111.8	65.9	27.1	0.0
40°	348.3	255.6	179.6	115.9	68.5	28.0	0.0
37.5°	356.9	260.3	183.6	120.1	71.0	28.8	0.0
35°	364.0	265.7	186.8	123.9	73.2	29.6	0.0
32.5°	370.6	270.7	189.3	127.4	75.3	30.3	0.0
30°	377.8	274.6	191.0	130.5	77.2	30.9	0.0
27.5°	383.8	277.4	195.0	133.3	78.9	31.5	0.0
25°	388.4	279.1	199.0	135.8	80.4	32.0	0.0
22.5°	391.7	281.3	202.4	137.8	81.7	32.4	0.0
20°	393.6	286.4	205.4	139.5	82.8	32.7	0.0
17.5°	398.0	290.6	207.9	140.9	83.7	33.0	0.0
15°	403.3	293.8	209.9	141.9	84.4	33.1	0.0
12.5°	407.2	296.2	211.3	142.5	84.9	33.3	0.0
10°	409.6	297.7	212.3	142.8	85.2	33.3	0.0
7.5°	410.5	298.4	212.7	142.7	85.3	33.3	0.0
5°	410.1	298.1	212.6	142.3	85.1	33.2	0.0
2.5°	408.3	297.0	212.0	141.6	84.8	33.0	0.0
0°	405.2	295.1	210.8	140.5	84.3	32.8	0.0
-2.5°	408.3	297.0	212.0	141.6	84.8	33.0	0.0
-5°	410.1	298.1	212.6	142.3	85.1	33.2	0.0
-7.5°	410.5	298.4	212.7	142.7	85.3	33.3	0.0
-10°	409.6	297.7	212.3	142.8	85.2	33.3	0.0
-12.5°	407.2	296.2	211.3	142.5	84.9	33.3	0.0
-15°	403.3	293.8	209.9	141.9	84.4	33.1	0.0
-17.5°	398.0	290.6	207.9	140.9	83.7	33.0	0.0
-20°	393.6	286.4	205.4	139.5	82.8	32.7	0.0

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REPORT NUMBER: P627913 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	391.7	281.3	202.4	137.8	81.7	32.4	0.0
-25°	388.4	279.1	199.0	135.8	80.4	32.0	0.0
-27.5°	383.8	277.4	195.0	133.3	78.9	31.5	0.0
-30°	377.8	274.6	191.0	130.5	77.2	30.9	0.0
-32.5°	370.6	270.7	189.3	127.4	75.3	30.3	0.0
-35°	364.0	265.7	186.8	123.9	73.2	29.6	0.0
-37.5°	356.9	260.3	183.6	120.1	71.0	28.8	0.0
-40°	348.3	255.6	179.6	115.9	68.5	28.0	0.0
-42.5°	338.3	249.8	175.1	111.8	65.9	27.1	0.0
-45°	326.8	243.0	170.2	108.1	63.1	26.1	0.0
-47.5°	313.9	235.1	164.5	103.8	60.1	25.1	0.0
-50°	302.5	226.3	158.0	99.6	57.0	24.0	0.0
-52.5°	290.2	216.4	150.7	94.9	53.7	22.8	0.0
-55°	276.6	205.7	142.7	89.7	50.2	21.6	0.0
-57.5°	261.8	193.9	134.0	84.1	46.6	20.3	0.0
-60°	245.7	181.2	124.6	77.9	42.9	18.9	0.0
-62.5°	228.0	167.6	114.5	71.4	39.8	17.5	0.0
-65°	209.0	153.0	103.7	64.4	36.7	16.1	0.0
-67.5°	188.9	137.1	92.2	57.1	33.3	14.6	0.0
-70°	167.7	119.8	80.2	49.4	29.9	13.1	0.0
-72.5°	143.4	101.6	67.6	43.2	26.4	11.5	0.0
-75°	117.7	82.8	54.6	37.3	22.8	9.9	0.0
-77.5°	91.1	63.3	45.1	31.3	19.1	8.3	0.0
-80°	63.8	48.7	36.3	25.2	15.4	6.7	0.0
-82.5°	47.0	36.7	27.3	18.9	11.6	5.0	0.0
-85°	31.4	24.5	18.3	12.7	7.7	3.4	0.0
-87.5°	15.8	12.3	9.1	6.3	3.9	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)