

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: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628009 (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-SA6E-740-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N148
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

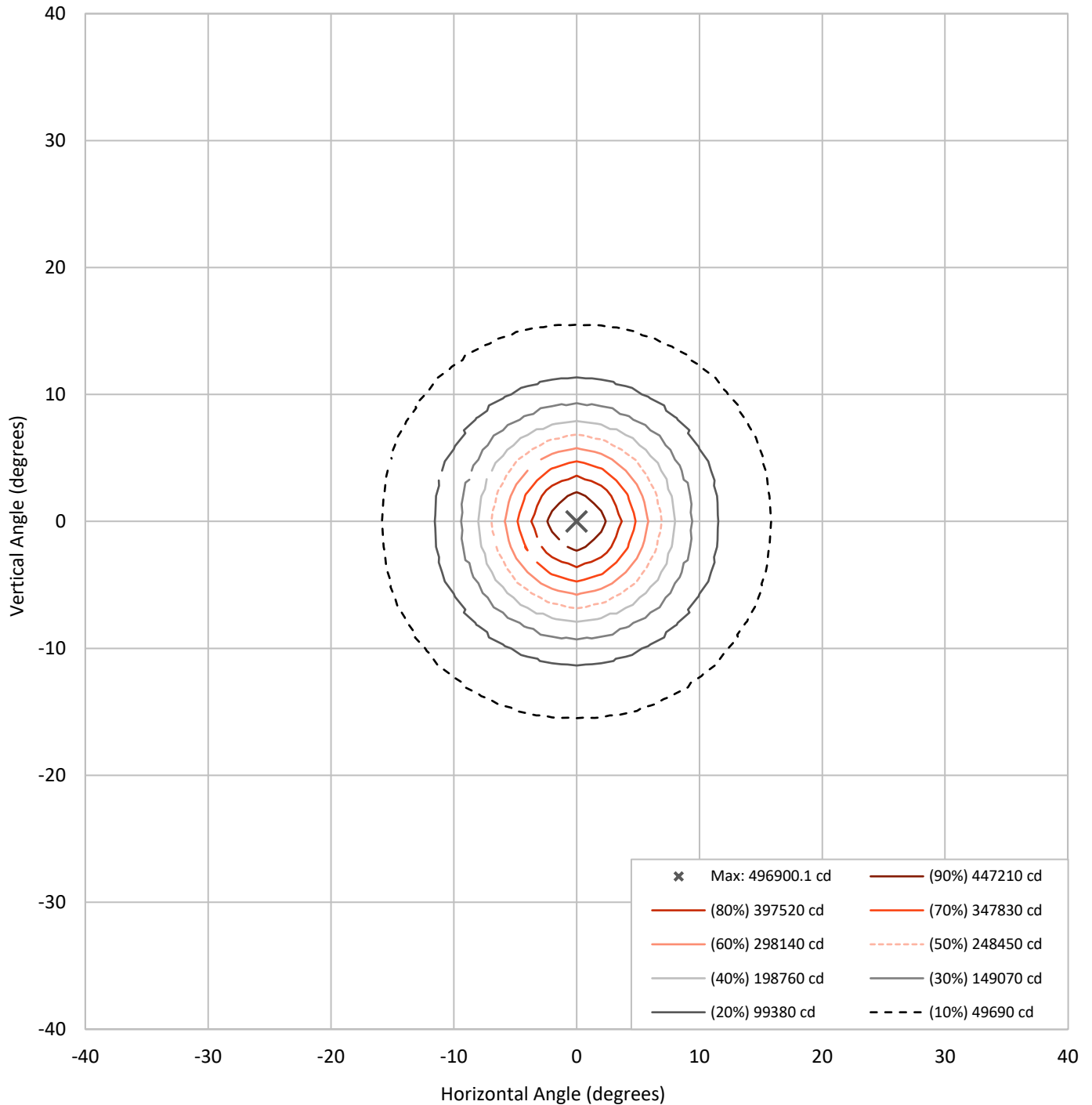
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	52763.5 lumens	Max Intensity:	496900.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.1 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:	15599.8 lumens	Field Lumens:	35106 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	376.7		
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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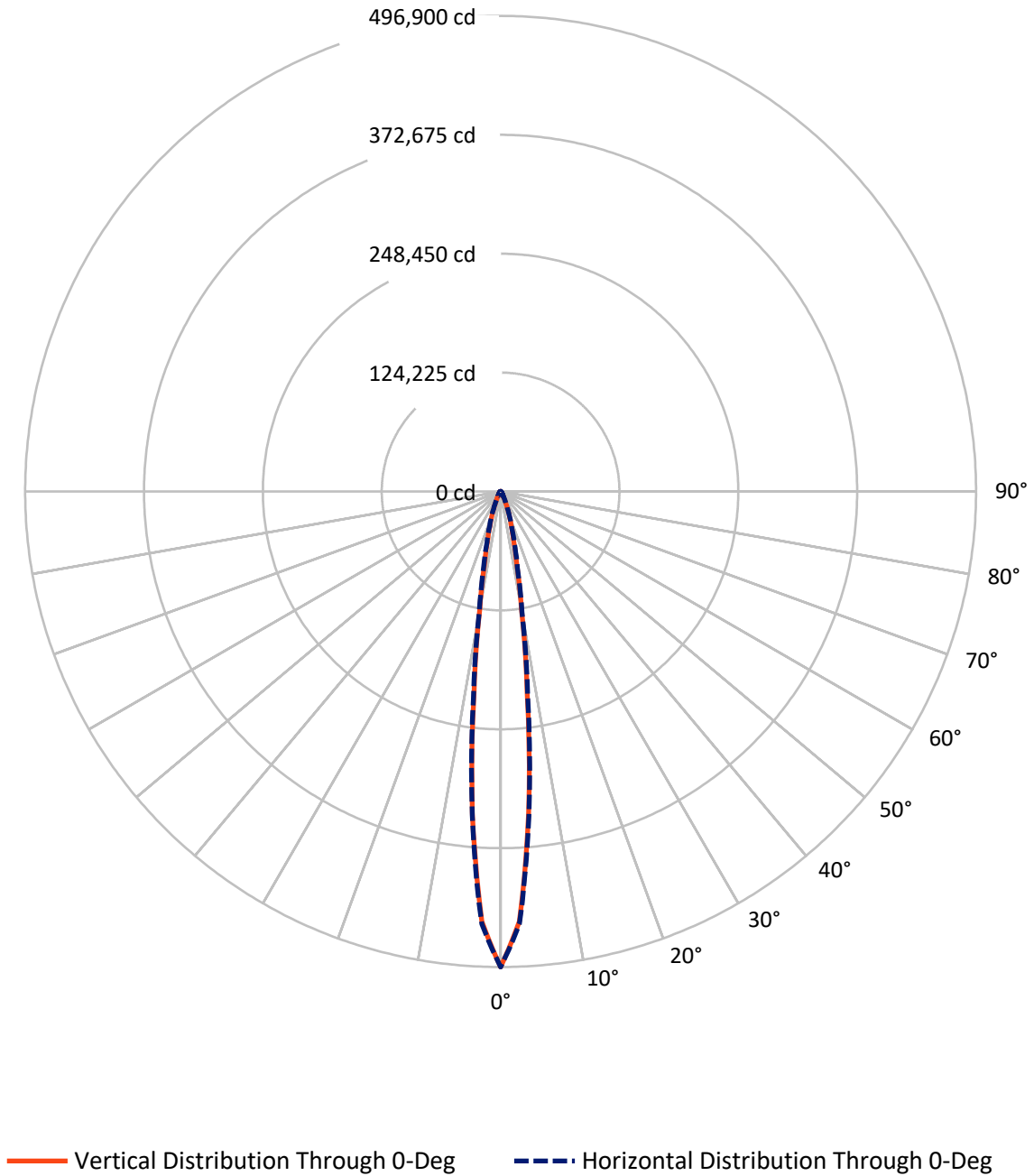
CATALOG NUMBER: GFLD-SA6E-740-U-NR-XX

Lumen Table

90	0.9	7.2	19.0	30.7	33.5	30.7	19.0	7.2	0.9										
80	0.9	7.2	19.0	30.7	33.5	30.7	19.0	7.2	0.9										
70	3.3	3.7	7.6	12.5	17.7	21.7	24.4	25.4	25.4	24.4	21.7	17.7	12.5	7.6	3.7	3.3			
60		5.6	11.5	18.6	24.9	30.4	34.0	35.5	35.5	34.0	30.4	24.9	18.6	11.5	5.6				
50	5.7	7.3	14.8	22.9	30.5	38.3	45.2	48.7	48.7	45.2	38.3	30.5	22.9	14.8	7.3	5.7			
40		8.8	17.4	26.5	37.5	54.0	76.0	94.2	94.2	76.0	54.0	37.5	26.5	17.4	8.8				
30	7.5	9.9	19.1	29.8	48.6	96.4	219.5	363.4	363.4	219.5	96.4	48.6	29.8	19.1	9.9	7.5			
20		10.7	20.0	32.9	64.4	204.7	726.9	1565.6	1565.6	726.9	204.7	64.4	32.9	20.0	10.7				
10	8.0	11.1	20.5	34.9	77.9	337.4	1580.2	6826.2	6826.2	1580.2	337.4	77.9	34.9	20.5	11.1	8.0			
0		11.1	20.5	34.9	77.9	337.4	1580.2	6826.2	6826.2	1580.2	337.4	77.9	34.9	20.5	11.1				
-10	7.5	10.7	20.0	32.9	64.4	204.7	726.9	1565.6	1565.6	726.9	204.7	64.4	32.9	20.0	10.7	7.5			
-20		9.9	19.1	29.8	48.6	96.4	219.5	363.4	363.4	219.5	96.4	48.6	29.8	19.1	9.9				
-30	5.7	8.8	17.4	26.5	37.5	54.0	76.0	94.2	94.2	76.0	54.0	37.5	26.5	17.4	8.8	5.7			
-40		7.3	14.8	22.9	30.5	38.3	45.2	48.7	48.7	45.2	38.3	30.5	22.9	14.8	7.3				
-50	3.3	5.6	11.5	18.6	24.9	30.4	34.0	35.5	35.5	34.0	30.4	24.9	18.6	11.5	5.6	3.3			
-60		3.7	7.6	12.5	17.7	21.7	24.4	25.4	25.4	24.4	21.7	17.7	12.5	7.6	3.7				
-70	0.9	7.2	19.0	30.7	33.5	30.7	19.0	7.2	0.9										
-80		0.9	7.2	19.0	30.7	33.5	30.7	19.0	7.2	0.9									
-90	0.9	7.2	19.0	30.7	33.5	30.7	19.0	7.2	0.9										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

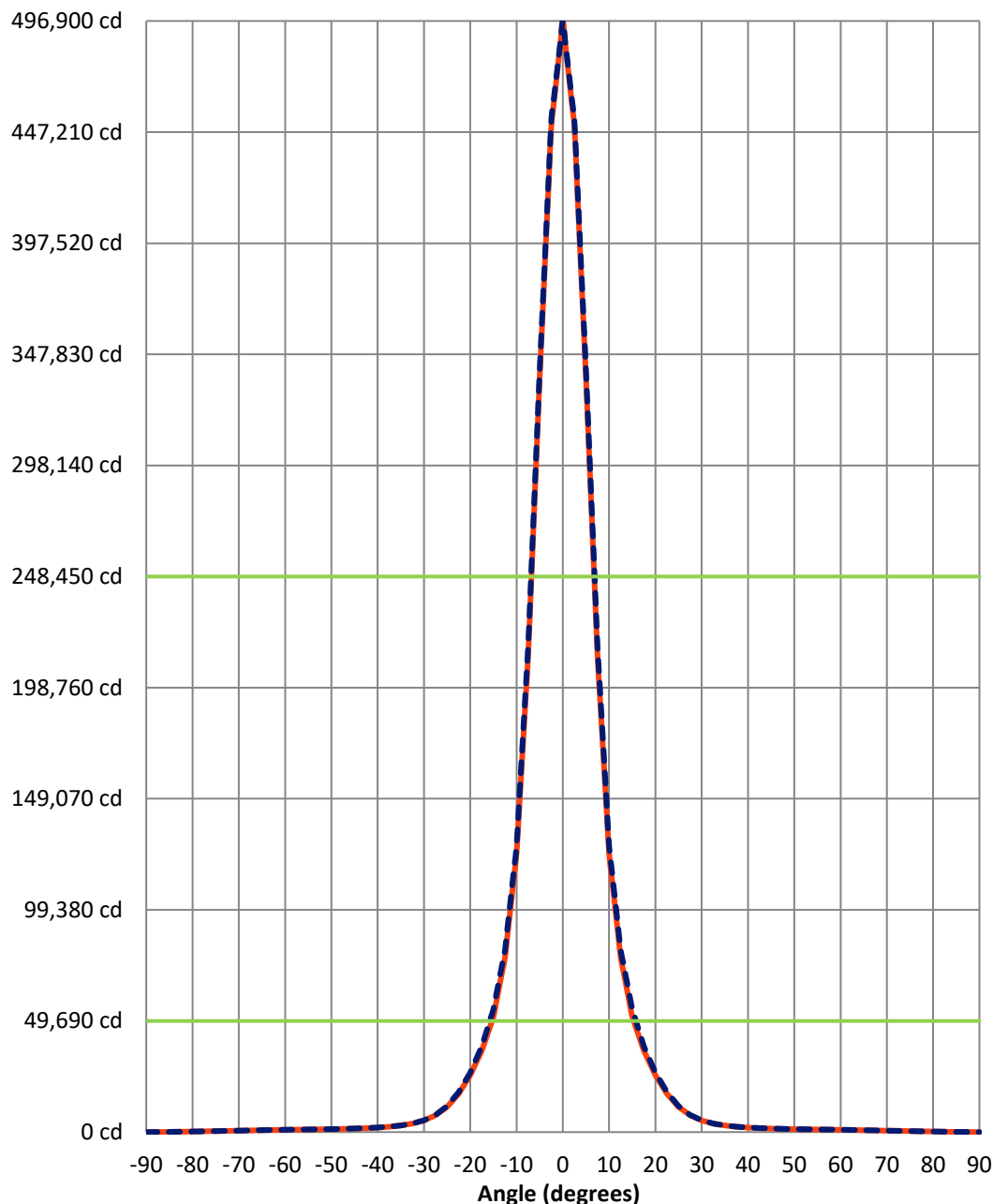
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 15599.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 35106
 Efficiency: 66.5%

Spill:
 Lumens: 17657.5
 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	1.6	3.7	5.6	7.4	9.2	11.0	12.8	14.6	16.3	18.0
85°	0.0	3.2	7.4	11.1	14.8	18.4	22.0	25.6	29.1	32.6	36.0
82.5°	0.0	4.9	11.1	16.6	22.1	27.6	33.0	38.3	44.1	51.9	59.5
80°	0.0	6.5	14.7	22.1	29.4	36.7	44.5	55.2	65.7	76.1	86.3
77.5°	0.0	8.0	18.3	27.6	36.7	47.1	60.7	74.1	87.2	100.1	113.9
75°	0.0	9.6	21.8	33.0	44.4	59.9	76.6	92.8	108.8	126.9	144.6
72.5°	0.0	11.1	25.3	38.3	54.1	72.5	92.2	112.1	133.4	154.4	175.1
70°	0.0	12.6	28.7	43.9	63.6	84.8	107.9	133.4	157.7	181.7	208.6
67.5°	0.0	14.1	31.9	50.6	72.9	96.8	125.7	154.4	181.7	212.4	242.6
65°	0.0	15.5	35.1	57.2	81.9	110.0	143.2	175.1	208.6	242.6	278.2
62.5°	0.0	16.9	38.2	63.6	90.8	124.3	160.3	197.4	235.1	273.4	318.2
60°	0.0	18.3	41.1	69.8	99.3	138.2	177.0	220.1	261.0	307.8	357.0
57.5°	0.0	19.6	45.0	75.8	110.0	151.8	195.4	242.2	289.3	341.1	394.5
55°	0.0	20.8	48.7	81.7	120.6	165.0	213.5	263.3	317.4	373.1	430.7
52.5°	0.0	22.0	52.4	87.2	130.8	178.1	231.1	286.2	344.5	403.9	465.4
50°	0.0	23.1	56.0	92.6	140.7	192.2	248.1	308.5	370.3	433.4	498.7
47.5°	0.0	24.2	59.4	98.1	150.1	205.8	264.8	330.1	395.0	461.4	531.2
45°	0.0	25.2	62.8	105.0	159.2	218.9	282.5	350.8	418.7	490.0	563.1
42.5°	0.0	26.2	66.0	111.5	167.9	231.4	299.5	370.7	441.4	517.9	594.1
40°	0.0	27.1	69.1	117.8	176.8	243.3	315.6	389.6	463.7	544.7	624.2
37.5°	0.0	27.9	72.0	123.9	185.8	254.5	330.9	407.5	486.0	569.8	653.4
35°	0.0	28.6	74.9	129.7	194.2	266.0	345.3	424.4	506.7	593.5	681.5
32.5°	0.0	29.3	77.6	135.1	202.1	277.3	358.9	440.2	525.8	615.6	705.9
30°	0.0	29.9	80.1	140.2	209.5	287.7	371.5	455.1	543.3	636.2	728.1
27.5°	0.0	30.5	82.5	144.9	216.7	297.4	383.1	469.3	559.5	655.1	748.1
25°	0.0	31.0	84.7	149.3	223.3	306.2	393.7	482.0	574.7	671.8	765.7
22.5°	0.0	31.4	86.7	153.2	229.3	314.1	403.4	493.3	588.4	686.2	781.1
20°	0.0	31.7	88.5	156.8	234.8	321.0	411.9	503.3	600.5	698.6	794.9
17.5°	0.0	32.0	90.2	159.9	239.6	326.9	419.1	511.7	611.1	709.0	807.2
15°	0.0	32.2	91.6	162.6	243.8	331.7	424.9	519.3	620.0	717.5	817.8
12.5°	0.0	32.3	92.9	165.0	247.3	335.6	429.6	526.2	627.6	724.1	826.6
10°	0.0	32.3	93.9	166.9	250.3	338.4	433.2	532.0	633.4	731.1	835.1
7.5°	0.0	32.3	94.7	168.4	252.6	340.4	435.7	536.7	637.3	737.1	844.9
5°	0.0	32.2	95.3	169.4	254.2	341.4	437.1	540.2	639.5	741.5	852.8
2.5°	0.0	32.1	95.7	170.1	255.2	341.5	437.4	542.3	640.0	744.3	858.7
0°	0.0	31.9	95.8	170.3	255.5	340.7	436.5	543.0	638.8	745.2	862.3
-2.5°	0.0	32.1	95.7	170.1	255.2	341.5	437.4	542.3	640.0	744.3	858.7
-5°	0.0	32.2	95.3	169.4	254.2	341.4	437.1	540.2	639.5	741.5	852.8
-7.5°	0.0	32.3	94.7	168.4	252.6	340.4	435.7	536.7	637.3	737.1	844.9
-10°	0.0	32.3	93.9	166.9	250.3	338.4	433.2	532.0	633.4	731.1	835.1
-12.5°	0.0	32.3	92.9	165.0	247.3	335.6	429.6	526.2	627.6	724.1	826.6
-15°	0.0	32.2	91.6	162.6	243.8	331.7	424.9	519.3	620.0	717.5	817.8
-17.5°	0.0	32.0	90.2	159.9	239.6	326.9	419.1	511.7	611.1	709.0	807.2
-20°	0.0	31.7	88.5	156.8	234.8	321.0	411.9	503.3	600.5	698.6	794.9

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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	31.4	86.7	153.2	229.3	314.1	403.4	493.3	588.4	686.2	781.1
-25°	0.0	31.0	84.7	149.3	223.3	306.2	393.7	482.0	574.7	671.8	765.7
-27.5°	0.0	30.5	82.5	144.9	216.7	297.4	383.1	469.3	559.5	655.1	748.1
-30°	0.0	29.9	80.1	140.2	209.5	287.7	371.5	455.1	543.3	636.2	728.1
-32.5°	0.0	29.3	77.6	135.1	202.1	277.3	358.9	440.2	525.8	615.6	705.9
-35°	0.0	28.6	74.9	129.7	194.2	266.0	345.3	424.4	506.7	593.5	681.5
-37.5°	0.0	27.9	72.0	123.9	185.8	254.5	330.9	407.5	486.0	569.8	653.4
-40°	0.0	27.1	69.1	117.8	176.8	243.3	315.6	389.6	463.7	544.7	624.2
-42.5°	0.0	26.2	66.0	111.5	167.9	231.4	299.5	370.7	441.4	517.9	594.1
-45°	0.0	25.2	62.8	105.0	159.2	218.9	282.5	350.8	418.7	490.0	563.1
-47.5°	0.0	24.2	59.4	98.1	150.1	205.8	264.8	330.1	395.0	461.4	531.2
-50°	0.0	23.1	56.0	92.6	140.7	192.2	248.1	308.5	370.3	433.4	498.7
-52.5°	0.0	22.0	52.4	87.2	130.8	178.1	231.1	286.2	344.5	403.9	465.4
-55°	0.0	20.8	48.7	81.7	120.6	165.0	213.5	263.3	317.4	373.1	430.7
-57.5°	0.0	19.6	45.0	75.8	110.0	151.8	195.4	242.2	289.3	341.1	394.5
-60°	0.0	18.3	41.1	69.8	99.3	138.2	177.0	220.1	261.0	307.8	357.0
-62.5°	0.0	16.9	38.2	63.6	90.8	124.3	160.3	197.4	235.1	273.4	318.2
-65°	0.0	15.5	35.1	57.2	81.9	110.0	143.2	175.1	208.6	242.6	278.2
-67.5°	0.0	14.1	31.9	50.6	72.9	96.8	125.7	154.4	181.7	212.4	242.6
-70°	0.0	12.6	28.7	43.9	63.6	84.8	107.9	133.4	157.7	181.7	208.6
-72.5°	0.0	11.1	25.3	38.3	54.1	72.5	92.2	112.1	133.4	154.4	175.1
-75°	0.0	9.6	21.8	33.0	44.4	59.9	76.6	92.8	108.8	126.9	144.6
-77.5°	0.0	8.0	18.3	27.6	36.7	47.1	60.7	74.1	87.2	100.1	113.9
-80°	0.0	6.5	14.7	22.1	29.4	36.7	44.5	55.2	65.7	76.1	86.3
-82.5°	0.0	4.9	11.1	16.6	22.1	27.6	33.0	38.3	44.1	51.9	59.5
-85°	0.0	3.2	7.4	11.1	14.8	18.4	22.0	25.6	29.1	32.6	36.0
-87.5°	0.0	1.6	3.7	5.6	7.4	9.2	11.0	12.8	14.6	16.3	18.0
-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°	19.7	21.3	22.9	24.4	25.9	27.4	28.8	30.1	31.4	32.6	33.8
85°	39.3	42.6	47.3	51.9	55.9	59.3	62.2	64.6	69.0	73.6	78.4
82.5°	67.0	74.3	81.5	88.4	93.2	97.0	100.7	106.1	115.5	124.6	132.8
80°	96.3	106.0	117.0	127.8	137.1	146.3	156.0	165.9	176.2	185.9	195.3
77.5°	128.4	142.6	156.5	170.0	183.4	197.9	212.0	225.4	238.3	250.7	262.4
75°	162.0	179.1	197.8	216.3	234.3	251.8	268.9	287.1	304.5	321.2	337.1
72.5°	197.4	220.1	242.3	263.9	287.2	310.1	332.2	353.4	374.1	395.9	418.7
70°	235.1	261.0	289.8	317.4	343.5	370.8	398.1	421.6	444.0	473.8	504.4
67.5°	273.7	308.7	341.3	372.5	407.2	439.4	467.2	497.0	528.9	563.4	593.7
65°	319.4	357.3	395.2	434.7	474.8	508.2	543.1	580.0	616.2	650.6	683.4
62.5°	364.3	407.3	450.8	493.9	535.1	575.2	617.2	658.4	698.1	738.2	773.5
60°	407.7	456.5	502.4	547.3	594.1	643.9	690.5	736.2	783.8	829.1	852.8
57.5°	449.6	501.7	549.7	600.2	655.0	711.4	760.3	812.0	852.8	884.2	914.9
55°	489.0	543.2	595.8	652.5	712.1	770.7	825.2	871.2	908.9	937.7	970.2
52.5°	525.9	583.0	640.3	702.2	765.5	827.9	885.0	928.1	961.9	991.5	1022.0
50°	562.1	622.1	682.6	750.6	818.4	884.8	940.6	980.1	1012.1	1042.4	1073.7
47.5°	597.7	660.6	725.9	798.3	871.7	935.8	988.7	1024.8	1057.1	1092.7	1127.0
45°	632.6	700.7	769.9	847.5	921.4	983.1	1028.1	1064.3	1104.2	1142.6	1179.4
42.5°	666.8	740.2	815.2	895.7	967.0	1022.7	1064.7	1107.4	1150.4	1191.3	1232.8
40°	701.2	778.1	857.6	937.6	1009.4	1057.5	1101.9	1148.0	1195.4	1239.8	1285.9
37.5°	734.2	813.8	895.7	976.6	1041.8	1090.5	1136.7	1187.6	1237.5	1286.0	1345.9
35°	765.5	846.3	928.8	1007.1	1070.0	1120.3	1172.0	1225.5	1277.9	1340.6	1408.9
32.5°	793.5	875.4	959.1	1032.1	1093.5	1147.9	1205.8	1261.7	1324.6	1395.5	1477.6
30°	817.1	900.9	984.9	1056.2	1116.2	1173.7	1236.6	1298.2	1371.7	1457.1	1554.7
27.5°	837.8	923.8	1005.5	1076.8	1137.9	1195.1	1261.2	1339.0	1423.4	1519.2	1633.8
25°	857.2	947.0	1024.9	1095.7	1155.1	1215.0	1285.7	1371.8	1473.4	1588.7	1729.0
22.5°	875.5	969.2	1044.6	1113.6	1168.6	1233.3	1313.0	1406.7	1517.0	1652.3	1822.9
20°	893.0	985.8	1060.4	1127.7	1178.8	1249.3	1337.1	1437.1	1562.5	1723.7	1921.1
17.5°	909.1	1000.1	1072.7	1136.0	1192.1	1266.3	1358.3	1461.8	1602.0	1788.6	2011.4
15°	923.7	1012.0	1082.6	1142.8	1204.0	1284.2	1380.4	1492.5	1645.7	1850.5	2091.4
12.5°	936.6	1021.6	1090.2	1148.0	1213.5	1298.7	1400.0	1524.6	1692.7	1911.3	2192.8
10°	947.7	1029.0	1095.6	1151.6	1220.7	1310.0	1416.4	1550.6	1730.1	1958.5	2270.8
7.5°	957.1	1034.9	1099.2	1153.6	1225.3	1317.7	1429.2	1570.4	1756.3	1992.0	2327.1
5°	963.7	1039.6	1103.7	1160.2	1232.5	1323.9	1438.6	1584.0	1771.7	2011.9	2362.1
2.5°	967.6	1042.4	1106.3	1166.4	1240.3	1329.2	1445.6	1598.9	1784.2	2031.3	2388.8
0°	968.8	1043.3	1107.2	1171.1	1245.6	1330.8	1447.9	1607.6	1788.6	2044.1	2406.0
-2.5°	967.6	1042.4	1106.3	1166.4	1240.3	1329.2	1445.6	1598.9	1784.2	2031.3	2388.8
-5°	963.7	1039.6	1103.7	1160.2	1232.5	1323.9	1438.6	1584.0	1771.7	2011.9	2362.1
-7.5°	957.1	1034.9	1099.2	1153.6	1225.3	1317.7	1429.2	1570.4	1756.3	1992.0	2327.1
-10°	947.7	1029.0	1095.6	1151.6	1220.7	1310.0	1416.4	1550.6	1730.1	1958.5	2270.8
-12.5°	936.6	1021.6	1090.2	1148.0	1213.5	1298.7	1400.0	1524.6	1692.7	1911.3	2192.8
-15°	923.7	1012.0	1082.6	1142.8	1204.0	1284.2	1380.4	1492.5	1645.7	1850.5	2091.4
-17.5°	909.1	1000.1	1072.7	1136.0	1192.1	1266.3	1358.3	1461.8	1602.0	1788.6	2011.4
-20°	893.0	985.8	1060.4	1127.7	1178.8	1249.3	1337.1	1437.1	1562.5	1723.7	1921.1

Classified

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

Scaled Data Report



REPORT NUMBER: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	875.5	969.2	1044.6	1113.6	1168.6	1233.3	1313.0	1406.7	1517.0	1652.3	1822.9
-25°	857.2	947.0	1024.9	1095.7	1155.1	1215.0	1285.7	1371.8	1473.4	1588.7	1729.0
-27.5°	837.8	923.8	1005.5	1076.8	1137.9	1195.1	1261.2	1339.0	1423.4	1519.2	1633.8
-30°	817.1	900.9	984.9	1056.2	1116.2	1173.7	1236.6	1298.2	1371.7	1457.1	1554.7
-32.5°	793.5	875.4	959.1	1032.1	1093.5	1147.9	1205.8	1261.7	1324.6	1395.5	1477.6
-35°	765.5	846.3	928.8	1007.1	1070.0	1120.3	1172.0	1225.5	1277.9	1340.6	1408.9
-37.5°	734.2	813.8	895.7	976.6	1041.8	1090.5	1136.7	1187.6	1237.5	1286.0	1345.9
-40°	701.2	778.1	857.6	937.6	1009.4	1057.5	1101.9	1148.0	1195.4	1239.8	1285.9
-42.5°	666.8	740.2	815.2	895.7	967.0	1022.7	1064.7	1107.4	1150.4	1191.3	1232.8
-45°	632.6	700.7	769.9	847.5	921.4	983.1	1028.1	1064.3	1104.2	1142.6	1179.4
-47.5°	597.7	660.6	725.9	798.3	871.7	935.8	988.7	1024.8	1057.1	1092.7	1127.0
-50°	562.1	622.1	682.6	750.6	818.4	884.8	940.6	980.1	1012.1	1042.4	1073.7
-52.5°	525.9	583.0	640.3	702.2	765.5	827.9	885.0	928.1	961.9	991.5	1022.0
-55°	489.0	543.2	595.8	652.5	712.1	770.7	825.2	871.2	908.9	937.7	970.2
-57.5°	449.6	501.7	549.7	600.2	655.0	711.4	760.3	812.0	852.8	884.2	914.9
-60°	407.7	456.5	502.4	547.3	594.1	643.9	690.5	736.2	783.8	829.1	852.8
-62.5°	364.3	407.3	450.8	493.9	535.1	575.2	617.2	658.4	698.1	738.2	773.5
-65°	319.4	357.3	395.2	434.7	474.8	508.2	543.1	580.0	616.2	650.6	683.4
-67.5°	273.7	308.7	341.3	372.5	407.2	439.4	467.2	497.0	528.9	563.4	593.7
-70°	235.1	261.0	289.8	317.4	343.5	370.8	398.1	421.6	444.0	473.8	504.4
-72.5°	197.4	220.1	242.3	263.9	287.2	310.1	332.2	353.4	374.1	395.9	418.7
-75°	162.0	179.1	197.8	216.3	234.3	251.8	268.9	287.1	304.5	321.2	337.1
-77.5°	128.4	142.6	156.5	170.0	183.4	197.9	212.0	225.4	238.3	250.7	262.4
-80°	96.3	106.0	117.0	127.8	137.1	146.3	156.0	165.9	176.2	185.9	195.3
-82.5°	67.0	74.3	81.5	88.4	93.2	97.0	100.7	106.1	115.5	124.6	132.8
-85°	39.3	42.6	47.3	51.9	55.9	59.3	62.2	64.6	69.0	73.6	78.4
-87.5°	19.7	21.3	22.9	24.4	25.9	27.4	28.8	30.1	31.4	32.6	33.8
-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: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	34.9	35.9	36.9	37.8	38.6	39.4	40.0	40.6	41.1	39.0	36.7
85°	83.3	86.4	89.3	92.0	94.5	96.7	98.8	100.6	102.1	100.8	99.2
82.5°	140.3	145.8	150.9	155.6	160.0	163.9	167.5	170.6	173.3	173.1	172.3
80°	204.1	213.2	222.4	231.5	240.4	245.8	249.7	252.6	254.7	255.6	255.8
77.5°	274.3	288.4	303.2	317.7	331.9	340.0	345.9	350.7	354.6	355.4	354.6
75°	352.0	370.3	390.4	408.0	423.2	432.5	439.0	444.5	448.9	450.0	449.6
72.5°	442.5	465.0	483.0	497.8	510.7	520.8	528.9	535.8	541.4	543.7	544.1
70°	531.4	553.6	570.7	585.8	598.4	608.9	618.6	627.0	633.9	639.0	642.7
67.5°	621.5	646.9	664.5	678.1	688.9	699.8	712.8	724.0	733.4	739.8	742.9
65°	714.0	740.2	757.2	772.1	785.3	799.1	813.6	824.1	831.1	835.4	838.3
62.5°	803.6	828.1	849.4	869.2	888.2	904.0	913.9	922.8	930.3	936.7	941.5
60°	880.5	911.8	935.6	954.6	973.2	991.1	1003.3	1012.9	1020.5	1026.0	1029.5
57.5°	946.2	977.9	1006.1	1024.5	1044.7	1066.2	1080.3	1088.4	1095.9	1102.3	1105.2
55°	1003.6	1032.9	1058.9	1084.0	1106.7	1125.9	1140.9	1151.9	1161.0	1168.4	1170.8
52.5°	1055.3	1087.2	1117.6	1144.4	1166.6	1185.0	1199.9	1213.4	1223.8	1230.8	1234.0
50°	1109.5	1143.9	1176.5	1205.8	1228.6	1249.3	1267.8	1283.8	1299.1	1311.2	1319.9
47.5°	1162.9	1199.6	1235.6	1267.8	1295.1	1325.1	1352.1	1374.8	1397.1	1415.2	1427.6
45°	1216.8	1259.0	1298.2	1339.7	1376.8	1416.1	1452.6	1484.0	1516.4	1540.8	1557.3
42.5°	1276.5	1324.6	1371.7	1423.4	1473.9	1525.1	1580.5	1629.8	1667.9	1703.7	1732.7
40°	1340.6	1395.5	1457.1	1520.5	1595.0	1662.5	1736.8	1800.7	1858.3	1919.4	1967.8
37.5°	1408.9	1477.6	1558.5	1643.3	1739.6	1832.1	1929.1	2024.5	2107.7	2205.9	2280.8
35°	1484.5	1576.1	1675.7	1790.4	1910.3	2042.8	2175.5	2328.9	2460.9	2606.1	2732.7
32.5°	1573.9	1683.3	1814.0	1965.2	2119.4	2320.3	2508.1	2752.3	2963.4	3193.8	3425.9
30°	1665.9	1808.8	1977.5	2168.1	2413.0	2689.4	2997.5	3360.7	3735.1	4097.4	4534.5
27.5°	1779.8	1952.3	2156.6	2435.1	2795.6	3169.1	3698.9	4244.1	4932.4	5501.6	6304.3
25°	1898.2	2101.3	2391.5	2770.3	3240.8	3889.1	4693.0	5564.3	6775.3	7839.3	9087.0
22.5°	2027.0	2301.3	2662.4	3129.9	3843.4	4838.5	6055.7	7695.9	9482.2	11378.5	13264.9
20°	2161.3	2493.1	2966.4	3644.0	4623.0	5970.7	8060.3	10592.5	13144.3	16273.3	19044.2
17.5°	2316.8	2739.1	3322.3	4169.7	5476.1	7540.7	10439.5	13974.6	17933.5	22432.4	26427.0
15°	2446.3	2949.9	3686.0	4871.6	6668.3	9319.6	12975.3	17838.6	23787.6	29829.8	35960.0
12.5°	2596.7	3179.2	4043.7	5457.4	7714.0	11237.6	16213.6	22369.1	29798.7	38179.7	48059.6
10°	2730.2	3404.3	4479.0	6228.9	8986.7	13238.0	19277.0	26682.3	36270.4	48328.6	63628.6
7.5°	2829.2	3583.5	4815.2	6816.1	10087.0	15161.1	22171.3	31405.7	43588.9	59511.7	80509.7
5°	2893.4	3713.2	5052.9	7269.1	10948.2	16592.4	24292.4	34755.8	49453.9	71974.1	107531.4
2.5°	2931.9	3789.9	5188.6	7534.9	11472.0	17540.7	25906.2	37288.9	53254.9	79675.8	124911.4
0°	2949.0	3811.3	5269.9	7675.9	11646.9	17906.9	26647.4	38443.4	54955.6	81475.3	127967.2
-2.5°	2931.9	3789.9	5188.6	7534.9	11472.0	17540.7	25906.2	37288.9	53254.9	79675.8	124911.4
-5°	2893.4	3713.2	5052.9	7269.1	10948.2	16592.4	24292.4	34755.8	49453.9	71974.1	107531.4
-7.5°	2829.2	3583.5	4815.2	6816.1	10087.0	15161.1	22171.3	31405.7	43588.9	59511.7	80509.7
-10°	2730.2	3404.3	4479.0	6228.9	8986.7	13238.0	19277.0	26682.3	36270.4	48328.6	63628.6
-12.5°	2596.7	3179.2	4043.7	5457.4	7714.0	11237.6	16213.6	22369.1	29798.7	38179.6	48059.6
-15°	2446.3	2949.9	3686.0	4871.6	6668.3	9319.6	12975.3	17838.6	23787.6	29829.8	35960.0
-17.5°	2316.8	2739.1	3322.3	4169.7	5476.1	7540.7	10439.5	13974.6	17933.5	22432.4	26427.0
-20°	2161.3	2493.1	2966.4	3644.0	4623.0	5970.7	8060.3	10592.5	13144.3	16273.3	19044.2

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2027.0	2301.3	2662.4	3129.9	3843.4	4838.5	6055.7	7695.9	9482.2	11378.5	13264.9
-25°	1898.2	2101.3	2391.5	2770.3	3240.8	3889.1	4693.0	5564.3	6775.3	7839.3	9087.0
-27.5°	1779.8	1952.3	2156.6	2435.1	2795.6	3169.1	3698.9	4244.1	4932.4	5501.6	6304.3
-30°	1665.9	1808.8	1977.5	2168.1	2413.0	2689.4	2997.5	3360.7	3735.1	4097.4	4534.5
-32.5°	1573.9	1683.3	1814.0	1965.2	2119.4	2320.3	2508.1	2752.3	2963.4	3193.8	3425.9
-35°	1484.5	1576.1	1675.7	1790.4	1910.3	2042.8	2175.5	2328.9	2460.9	2606.1	2732.7
-37.5°	1408.9	1477.6	1558.5	1643.3	1739.6	1832.1	1929.1	2024.5	2107.7	2205.9	2280.8
-40°	1340.6	1395.5	1457.1	1520.5	1595.0	1662.5	1736.8	1800.7	1858.3	1919.4	1967.8
-42.5°	1276.5	1324.6	1371.7	1423.4	1473.9	1525.1	1580.5	1629.8	1667.9	1703.7	1732.7
-45°	1216.8	1259.0	1298.2	1339.7	1376.8	1416.1	1452.6	1484.0	1516.4	1540.8	1557.3
-47.5°	1162.9	1199.6	1235.6	1267.8	1295.1	1325.1	1352.1	1374.8	1397.1	1415.2	1427.6
-50°	1109.5	1143.9	1176.5	1205.8	1228.6	1249.3	1267.8	1283.8	1299.1	1311.2	1319.9
-52.5°	1055.3	1087.2	1117.6	1144.4	1166.6	1185.0	1199.9	1213.4	1223.8	1230.8	1234.0
-55°	1003.6	1032.9	1058.9	1084.0	1106.7	1125.9	1140.9	1151.9	1161.0	1168.4	1170.8
-57.5°	946.2	977.9	1006.1	1024.5	1044.7	1066.2	1080.3	1088.4	1095.9	1102.3	1105.2
-60°	880.5	911.8	935.6	954.6	973.2	991.1	1003.3	1012.9	1020.5	1026.0	1029.5
-62.5°	803.6	828.1	849.4	869.2	888.2	904.0	913.9	922.8	930.3	936.7	941.5
-65°	714.0	740.2	757.2	772.1	785.3	799.1	813.6	824.1	831.1	835.4	838.3
-67.5°	621.5	646.9	664.5	678.1	688.9	699.8	712.8	724.0	733.4	739.8	742.9
-70°	531.4	553.6	570.7	585.8	598.4	608.9	618.6	627.0	633.9	639.0	642.7
-72.5°	442.5	465.0	483.0	497.8	510.7	520.8	528.9	535.8	541.4	543.7	544.1
-75°	352.0	370.3	390.4	408.0	423.2	432.5	439.0	444.5	448.9	450.0	449.6
-77.5°	274.3	288.4	303.2	317.7	331.9	340.0	345.9	350.7	354.6	355.4	354.6
-80°	204.1	213.2	222.4	231.5	240.4	245.8	249.7	252.6	254.7	255.6	255.8
-82.5°	140.3	145.8	150.9	155.6	160.0	163.9	167.5	170.6	173.3	173.1	172.3
-85°	83.3	86.4	89.3	92.0	94.5	96.7	98.8	100.6	102.1	100.8	99.2
-87.5°	34.9	35.9	36.9	37.8	38.6	39.4	40.0	40.6	41.1	39.0	36.7
-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: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	34.3	31.8	31.9	31.9	31.9	31.8	34.3	36.7	39.0	41.1	40.6
85°	97.4	95.3	95.7	95.8	95.7	95.3	97.4	99.2	100.8	102.1	100.6
82.5°	171.1	169.5	170.1	170.3	170.1	169.5	171.1	172.3	173.1	173.3	170.6
80°	255.4	254.3	250.0	244.9	250.0	254.3	255.4	255.8	255.6	254.7	252.6
77.5°	352.7	349.7	345.7	340.7	345.7	349.7	352.7	354.6	355.4	354.6	350.7
75°	448.0	445.2	446.5	447.1	446.5	445.2	448.0	449.6	450.0	448.9	444.5
72.5°	543.1	540.9	542.3	543.0	542.3	540.9	543.1	544.1	543.7	541.4	535.8
70°	645.2	646.4	643.6	638.8	643.6	646.4	645.2	642.7	639.0	633.9	627.0
67.5°	743.8	742.6	739.5	734.6	739.5	742.6	743.8	742.9	739.8	733.4	724.0
65°	839.2	838.2	840.0	841.0	840.0	838.2	839.2	838.3	835.4	831.1	824.1
62.5°	944.0	944.0	941.7	936.9	941.7	944.0	944.0	941.5	936.7	930.3	922.8
60°	1030.8	1030.0	1027.1	1022.0	1027.1	1030.0	1030.8	1029.5	1026.0	1020.5	1012.9
57.5°	1106.2	1105.0	1101.8	1096.6	1101.8	1105.0	1106.2	1105.2	1102.3	1095.9	1088.4
55°	1171.1	1169.5	1166.0	1160.4	1166.0	1169.5	1171.1	1170.8	1168.4	1161.0	1151.9
52.5°	1234.8	1233.5	1233.9	1235.0	1233.9	1233.5	1234.8	1234.0	1230.8	1223.8	1213.4
50°	1325.2	1327.0	1325.4	1320.1	1325.4	1327.0	1325.2	1319.9	1311.2	1299.1	1283.8
47.5°	1433.6	1434.2	1431.7	1426.6	1431.7	1434.2	1433.6	1427.6	1415.2	1397.1	1374.8
45°	1570.2	1577.9	1579.9	1575.6	1579.9	1577.9	1570.2	1557.3	1540.8	1516.4	1484.0
42.5°	1755.0	1767.1	1770.6	1767.3	1770.6	1767.1	1755.0	1732.7	1703.7	1667.9	1629.8
40°	1997.7	2011.4	2014.1	2012.1	2014.1	2011.4	1997.7	1967.8	1919.4	1858.3	1800.7
37.5°	2333.5	2367.1	2382.9	2384.7	2382.9	2367.1	2333.5	2280.8	2205.9	2107.7	2024.5
35°	2829.1	2896.0	2931.7	2949.0	2931.7	2896.0	2829.1	2732.7	2606.1	2460.9	2328.9
32.5°	3601.7	3735.6	3809.8	3800.7	3809.8	3735.6	3601.7	3425.9	3193.8	2963.4	2752.3
30°	4864.0	5098.1	5215.9	5184.7	5215.9	5098.1	4864.0	4534.5	4097.4	3735.1	3360.7
27.5°	6880.7	7303.9	7548.5	7516.2	7548.5	7303.9	6880.7	6304.3	5501.6	4932.4	4244.1
25°	10130.2	10902.4	11396.7	11274.3	11396.7	10902.4	10130.2	9087.0	7839.3	6775.3	5564.3
22.5°	15073.3	16381.4	17247.1	17140.4	17247.1	16381.4	15073.3	13264.9	11378.5	9482.2	7695.9
20°	21853.8	23844.9	25266.7	25455.0	25266.7	23844.9	21853.8	19044.2	16273.3	13144.3	10592.5
17.5°	30741.8	33898.9	36096.5	36463.2	36096.5	33898.9	30741.8	26427.0	22432.4	17933.5	13974.6
15°	42292.9	47453.0	51187.4	51495.6	51187.4	47453.0	42292.9	35960.0	29829.8	23787.6	17838.6
12.5°	57977.7	68355.9	75129.1	78111.1	75129.1	68355.9	57977.7	48059.6	38179.7	29798.7	22369.1
10°	79684.6	103522.8	118789.2	124528.4	118789.2	103522.8	79684.6	63628.6	48328.6	36270.4	26682.3
7.5°	115941.6	153368.3	194977.0	212710.8	194977.0	153368.3	115941.6	80509.7	59511.7	43588.9	31405.7
5°	156999.8	234675.3	308558.4	337409.6	308558.4	234675.3	156999.8	107531.4	71974.1	49453.9	34755.8
2.5°	200203.7	308471.9	409927.5	449604.5	409927.5	308471.9	200203.7	124911.4	79675.8	53254.9	37288.9
0°	217075.8	340784.4	452409.7	496900.1	452409.7	340784.4	217075.8	127967.2	81475.3	54955.6	38443.4
-2.5°	200203.7	308471.9	409927.5	449604.5	409927.5	308471.9	200203.7	124911.4	79675.8	53254.9	37288.9
-5°	156999.8	234675.3	308558.4	337409.6	308558.4	234675.3	156999.8	107531.4	71974.1	49453.9	34755.8
-7.5°	115941.6	153368.3	194977.0	212710.8	194977.0	153368.3	115941.6	80509.7	59511.7	43588.9	31405.7
-10°	79684.6	103522.8	118789.2	124528.4	118789.2	103522.8	79684.6	63628.6	48328.6	36270.4	26682.3
-12.5°	57977.7	68355.9	75129.1	78111.1	75129.1	68355.9	57977.7	48059.6	38179.6	29798.7	22369.1
-15°	42292.9	47453.0	51187.4	51495.6	51187.4	47453.0	42292.9	35960.0	29829.8	23787.6	17838.6
-17.5°	30741.8	33898.9	36096.5	36463.2	36096.5	33898.9	30741.8	26427.0	22432.4	17933.5	13974.6
-20°	21853.8	23844.9	25266.7	25455.0	25266.7	23844.9	21853.8	19044.2	16273.3	13144.3	10592.5



REPORT NUMBER: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	15073.3	16381.4	17247.1	17140.4	17247.1	16381.4	15073.3	13264.9	11378.5	9482.2	7695.9
-25°	10130.2	10902.4	11396.7	11274.3	11396.7	10902.4	10130.2	9087.0	7839.3	6775.3	5564.3
-27.5°	6880.7	7303.9	7548.5	7516.2	7548.5	7303.9	6880.7	6304.3	5501.6	4932.4	4244.1
-30°	4864.0	5098.1	5215.9	5184.7	5215.9	5098.1	4864.0	4534.5	4097.4	3735.1	3360.7
-32.5°	3601.7	3735.6	3809.8	3800.7	3809.8	3735.6	3601.7	3425.9	3193.8	2963.4	2752.3
-35°	2829.1	2896.0	2931.7	2949.0	2931.7	2896.0	2829.1	2732.7	2606.1	2460.9	2328.9
-37.5°	2333.5	2367.1	2382.9	2384.7	2382.9	2367.1	2333.5	2280.8	2205.9	2107.7	2024.5
-40°	1997.7	2011.4	2014.1	2012.1	2014.1	2011.4	1997.7	1967.8	1919.4	1858.3	1800.7
-42.5°	1755.0	1767.1	1770.6	1767.3	1770.6	1767.1	1755.0	1732.7	1703.7	1667.9	1629.8
-45°	1570.2	1577.9	1579.9	1575.6	1579.9	1577.9	1570.2	1557.3	1540.8	1516.4	1484.0
-47.5°	1433.6	1434.2	1431.7	1426.6	1431.7	1434.2	1433.6	1427.6	1415.2	1397.1	1374.8
-50°	1325.2	1327.0	1325.4	1320.1	1325.4	1327.0	1325.2	1319.9	1311.2	1299.1	1283.8
-52.5°	1234.8	1233.5	1233.9	1235.0	1233.9	1233.5	1234.8	1234.0	1230.8	1223.8	1213.4
-55°	1171.1	1169.5	1166.0	1160.4	1166.0	1169.5	1171.1	1170.8	1168.4	1161.0	1151.9
-57.5°	1106.2	1105.0	1101.8	1096.6	1101.8	1105.0	1106.2	1105.2	1102.3	1095.9	1088.4
-60°	1030.8	1030.0	1027.1	1022.0	1027.1	1030.0	1030.8	1029.5	1026.0	1020.5	1012.9
-62.5°	944.0	944.0	941.7	936.9	941.7	944.0	944.0	941.5	936.7	930.3	922.8
-65°	839.2	838.2	840.0	841.0	840.0	838.2	839.2	838.3	835.4	831.1	824.1
-67.5°	743.8	742.6	739.5	734.6	739.5	742.6	743.8	742.9	739.8	733.4	724.0
-70°	645.2	646.4	643.6	638.8	643.6	646.4	645.2	642.7	639.0	633.9	627.0
-72.5°	543.1	540.9	542.3	543.0	542.3	540.9	543.1	544.1	543.7	541.4	535.8
-75°	448.0	445.2	446.5	447.1	446.5	445.2	448.0	449.6	450.0	448.9	444.5
-77.5°	352.7	349.7	345.7	340.7	345.7	349.7	352.7	354.6	355.4	354.6	350.7
-80°	255.4	254.3	250.0	244.9	250.0	254.3	255.4	255.8	255.6	254.7	252.6
-82.5°	171.1	169.5	170.1	170.3	170.1	169.5	171.1	172.3	173.1	173.3	170.6
-85°	97.4	95.3	95.7	95.8	95.7	95.3	97.4	99.2	100.8	102.1	100.6
-87.5°	34.3	31.8	31.9	31.9	31.9	31.8	34.3	36.7	39.0	41.1	40.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA6E-740-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°	40.0	39.4	38.6	37.8	36.9	35.9	34.9	33.8	32.6	31.4	30.1
85°	98.8	96.7	94.5	92.0	89.3	86.4	83.3	78.4	73.6	69.0	64.6
82.5°	167.5	163.9	160.0	155.6	150.9	145.8	140.3	132.8	124.6	115.5	106.1
80°	249.7	245.8	240.4	231.5	222.4	213.2	204.1	195.3	185.9	176.2	165.9
77.5°	345.9	340.0	331.9	317.7	303.2	288.4	274.3	262.4	250.7	238.3	225.4
75°	439.0	432.5	423.2	408.0	390.4	370.3	352.0	337.1	321.2	304.5	287.1
72.5°	528.9	520.8	510.7	497.8	483.0	465.0	442.5	418.7	395.9	374.1	353.4
70°	618.6	608.9	598.4	585.8	570.7	553.6	531.4	504.4	473.8	444.0	421.6
67.5°	712.8	699.8	688.9	678.1	664.5	646.9	621.5	593.7	563.4	528.9	497.0
65°	813.6	799.1	785.3	772.1	757.2	740.2	714.0	683.4	650.6	616.2	580.0
62.5°	913.9	904.0	888.2	869.2	849.4	828.1	803.6	773.5	738.2	698.1	658.4
60°	1003.3	991.1	973.2	954.6	935.6	911.8	880.5	852.8	829.1	783.8	736.2
57.5°	1080.3	1066.2	1044.7	1024.5	1006.1	977.9	946.2	914.9	884.2	852.8	812.0
55°	1140.9	1125.9	1106.7	1084.0	1058.9	1032.9	1003.6	970.2	937.7	908.9	871.2
52.5°	1199.9	1185.0	1166.6	1144.4	1117.6	1087.2	1055.3	1022.0	991.5	961.9	928.1
50°	1267.8	1249.3	1228.6	1205.8	1176.5	1143.9	1109.5	1073.7	1042.4	1012.1	980.1
47.5°	1352.1	1325.1	1295.1	1267.8	1235.6	1199.6	1162.9	1127.0	1092.7	1057.1	1024.8
45°	1452.6	1416.1	1376.8	1339.7	1298.2	1259.0	1216.8	1179.4	1142.6	1104.2	1064.3
42.5°	1580.5	1525.1	1473.9	1423.4	1371.7	1324.6	1276.5	1232.8	1191.3	1150.4	1107.4
40°	1736.8	1662.5	1595.0	1520.5	1457.1	1395.5	1340.6	1285.9	1239.8	1195.4	1148.0
37.5°	1929.1	1832.1	1739.6	1643.3	1558.5	1477.6	1408.9	1345.9	1286.0	1237.5	1187.6
35°	2175.5	2042.8	1910.3	1790.4	1675.7	1576.1	1484.5	1408.9	1340.6	1277.9	1225.5
32.5°	2508.1	2320.3	2119.4	1965.2	1814.0	1683.3	1573.9	1477.6	1395.5	1324.6	1261.7
30°	2997.5	2689.4	2413.0	2168.1	1977.5	1808.8	1665.9	1554.7	1457.1	1371.7	1298.2
27.5°	3698.9	3169.1	2795.6	2435.1	2156.6	1952.3	1779.8	1633.8	1519.2	1423.4	1339.0
25°	4693.0	3889.1	3240.8	2770.3	2391.5	2101.3	1898.2	1729.0	1588.7	1473.4	1371.8
22.5°	6055.7	4838.5	3843.4	3129.9	2662.4	2301.3	2027.0	1822.9	1652.3	1517.0	1406.7
20°	8060.3	5970.7	4623.0	3644.0	2966.4	2493.1	2161.3	1921.1	1723.7	1562.5	1437.1
17.5°	10439.5	7540.7	5476.1	4169.7	3322.3	2739.1	2316.8	2011.4	1788.6	1602.0	1461.8
15°	12975.3	9319.6	6668.3	4871.6	3686.0	2949.9	2446.3	2091.4	1850.5	1645.7	1492.5
12.5°	16213.6	11237.6	7714.0	5457.4	4043.7	3179.2	2596.7	2192.8	1911.3	1692.7	1524.6
10°	19277.0	13238.0	8986.7	6228.9	4479.0	3404.3	2730.2	2270.8	1958.5	1730.1	1550.6
7.5°	22171.3	15161.1	10087.0	6816.1	4815.2	3583.5	2829.2	2327.1	1992.0	1756.3	1570.4
5°	24292.4	16592.4	10948.2	7269.1	5052.9	3713.2	2893.4	2362.1	2011.9	1771.7	1584.0
2.5°	25906.2	17540.7	11472.0	7534.9	5188.6	3789.9	2931.9	2388.8	2031.3	1784.2	1598.9
0°	26647.4	17906.9	11646.9	7675.9	5269.9	3811.3	2949.0	2406.0	2044.1	1788.6	1607.6
-2.5°	25906.2	17540.7	11472.0	7534.9	5188.6	3789.9	2931.9	2388.8	2031.3	1784.2	1598.9
-5°	24292.4	16592.4	10948.2	7269.1	5052.9	3713.2	2893.4	2362.1	2011.9	1771.7	1584.0
-7.5°	22171.3	15161.1	10087.0	6816.1	4815.2	3583.5	2829.2	2327.1	1992.0	1756.3	1570.4
-10°	19277.0	13238.0	8986.7	6228.9	4479.0	3404.3	2730.2	2270.8	1958.5	1730.1	1550.6
-12.5°	16213.6	11237.6	7714.0	5457.4	4043.7	3179.2	2596.7	2192.8	1911.3	1692.7	1524.6
-15°	12975.3	9319.6	6668.3	4871.6	3686.0	2949.9	2446.3	2091.4	1850.5	1645.7	1492.5
-17.5°	10439.5	7540.7	5476.1	4169.7	3322.3	2739.1	2316.8	2011.4	1788.6	1602.0	1461.8
-20°	8060.3	5970.7	4623.0	3644.0	2966.4	2493.1	2161.3	1921.1	1723.7	1562.5	1437.1



REPORT NUMBER: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6055.7	4838.5	3843.4	3129.9	2662.4	2301.3	2027.0	1822.9	1652.3	1517.0	1406.7
-25°	4693.0	3889.1	3240.8	2770.3	2391.5	2101.3	1898.2	1729.0	1588.7	1473.4	1371.8
-27.5°	3698.9	3169.1	2795.6	2435.1	2156.6	1952.3	1779.8	1633.8	1519.2	1423.4	1339.0
-30°	2997.5	2689.4	2413.0	2168.1	1977.5	1808.8	1665.9	1554.7	1457.1	1371.7	1298.2
-32.5°	2508.1	2320.3	2119.4	1965.2	1814.0	1683.3	1573.9	1477.6	1395.5	1324.6	1261.7
-35°	2175.5	2042.8	1910.3	1790.4	1675.7	1576.1	1484.5	1408.9	1340.6	1277.9	1225.5
-37.5°	1929.1	1832.1	1739.6	1643.3	1558.5	1477.6	1408.9	1345.9	1286.0	1237.5	1187.6
-40°	1736.8	1662.5	1595.0	1520.5	1457.1	1395.5	1340.6	1285.9	1239.8	1195.4	1148.0
-42.5°	1580.5	1525.1	1473.9	1423.4	1371.7	1324.6	1276.5	1232.8	1191.3	1150.4	1107.4
-45°	1452.6	1416.1	1376.8	1339.7	1298.2	1259.0	1216.8	1179.4	1142.6	1104.2	1064.3
-47.5°	1352.1	1325.1	1295.1	1267.8	1235.6	1199.6	1162.9	1127.0	1092.7	1057.1	1024.8
-50°	1267.8	1249.3	1228.6	1205.8	1176.5	1143.9	1109.5	1073.7	1042.4	1012.1	980.1
-52.5°	1199.9	1185.0	1166.6	1144.4	1117.6	1087.2	1055.3	1022.0	991.5	961.9	928.1
-55°	1140.9	1125.9	1106.7	1084.0	1058.9	1032.9	1003.6	970.2	937.7	908.9	871.2
-57.5°	1080.3	1066.2	1044.7	1024.5	1006.1	977.9	946.2	914.9	884.2	852.8	812.0
-60°	1003.3	991.1	973.2	954.6	935.6	911.8	880.5	852.8	829.1	783.8	736.2
-62.5°	913.9	904.0	888.2	869.2	849.4	828.1	803.6	773.5	738.2	698.1	658.4
-65°	813.6	799.1	785.3	772.1	757.2	740.2	714.0	683.4	650.6	616.2	580.0
-67.5°	712.8	699.8	688.9	678.1	664.5	646.9	621.5	593.7	563.4	528.9	497.0
-70°	618.6	608.9	598.4	585.8	570.7	553.6	531.4	504.4	473.8	444.0	421.6
-72.5°	528.9	520.8	510.7	497.8	483.0	465.0	442.5	418.7	395.9	374.1	353.4
-75°	439.0	432.5	423.2	408.0	390.4	370.3	352.0	337.1	321.2	304.5	287.1
-77.5°	345.9	340.0	331.9	317.7	303.2	288.4	274.3	262.4	250.7	238.3	225.4
-80°	249.7	245.8	240.4	231.5	222.4	213.2	204.1	195.3	185.9	176.2	165.9
-82.5°	167.5	163.9	160.0	155.6	150.9	145.8	140.3	132.8	124.6	115.5	106.1
-85°	98.8	96.7	94.5	92.0	89.3	86.4	83.3	78.4	73.6	69.0	64.6
-87.5°	40.0	39.4	38.6	37.8	36.9	35.9	34.9	33.8	32.6	31.4	30.1
-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: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	28.8	27.4	25.9	24.4	22.9	21.3	19.7	18.0	16.3	14.6	12.8
85°	62.2	59.3	55.9	51.9	47.3	42.6	39.3	36.0	32.6	29.1	25.6
82.5°	100.7	97.0	93.2	88.4	81.5	74.3	67.0	59.5	51.9	44.1	38.3
80°	156.0	146.3	137.1	127.8	117.0	106.0	96.3	86.3	76.1	65.7	55.2
77.5°	212.0	197.9	183.4	170.0	156.5	142.6	128.4	113.9	100.1	87.2	74.1
75°	268.9	251.8	234.3	216.3	197.8	179.1	162.0	144.6	126.9	108.8	92.8
72.5°	332.2	310.1	287.2	263.9	242.3	220.1	197.4	175.1	154.4	133.4	112.1
70°	398.1	370.8	343.5	317.4	289.8	261.0	235.1	208.6	181.7	157.7	133.4
67.5°	467.2	439.4	407.2	372.5	341.3	308.7	273.7	242.6	212.4	181.7	154.4
65°	543.1	508.2	474.8	434.7	395.2	357.3	319.4	278.2	242.6	208.6	175.1
62.5°	617.2	575.2	535.1	493.9	450.8	407.3	364.3	318.2	273.4	235.1	197.4
60°	690.5	643.9	594.1	547.3	502.4	456.5	407.7	357.0	307.8	261.0	220.1
57.5°	760.3	711.4	655.0	600.2	549.7	501.7	449.6	394.5	341.1	289.3	242.2
55°	825.2	770.7	712.1	652.5	595.8	543.2	489.0	430.7	373.1	317.4	263.3
52.5°	885.0	827.9	765.5	702.2	640.3	583.0	525.9	465.4	403.9	344.5	286.2
50°	940.6	884.8	818.4	750.6	682.6	622.1	562.1	498.7	433.4	370.3	308.5
47.5°	988.7	935.8	871.7	798.3	725.9	660.6	597.7	531.2	461.4	395.0	330.1
45°	1028.1	983.1	921.4	847.5	769.9	700.7	632.6	563.1	490.0	418.7	350.8
42.5°	1064.7	1022.7	967.0	895.7	815.2	740.2	666.8	594.1	517.9	441.4	370.7
40°	1101.9	1057.5	1009.4	937.6	857.6	778.1	701.2	624.2	544.7	463.7	389.6
37.5°	1136.7	1090.5	1041.8	976.6	895.7	813.8	734.2	653.4	569.8	486.0	407.5
35°	1172.0	1120.3	1070.0	1007.1	928.8	846.3	765.5	681.5	593.5	506.7	424.4
32.5°	1205.8	1147.9	1093.5	1032.1	959.1	875.4	793.5	705.9	615.6	525.8	440.2
30°	1236.6	1173.7	1116.2	1056.2	984.9	900.9	817.1	728.1	636.2	543.3	455.1
27.5°	1261.2	1195.1	1137.9	1076.8	1005.5	923.8	837.8	748.1	655.1	559.5	469.3
25°	1285.7	1215.0	1155.1	1095.7	1024.9	947.0	857.2	765.7	671.8	574.7	482.0
22.5°	1313.0	1233.3	1168.6	1113.6	1044.6	969.2	875.5	781.1	686.2	588.4	493.3
20°	1337.1	1249.3	1178.8	1127.7	1060.4	985.8	893.0	794.9	698.6	600.5	503.3
17.5°	1358.3	1266.3	1192.1	1136.0	1072.7	1000.1	909.1	807.2	709.0	611.1	511.7
15°	1380.4	1284.2	1204.0	1142.8	1082.6	1012.0	923.7	817.8	717.5	620.0	519.3
12.5°	1400.0	1298.7	1213.5	1148.0	1090.2	1021.6	936.6	826.6	724.1	627.6	526.2
10°	1416.4	1310.0	1220.7	1151.6	1095.6	1029.0	947.7	835.1	731.1	633.4	532.0
7.5°	1429.2	1317.7	1225.3	1153.6	1099.2	1034.9	957.1	844.9	737.1	637.3	536.7
5°	1438.6	1323.9	1232.5	1160.2	1103.7	1039.6	963.7	852.8	741.5	639.5	540.2
2.5°	1445.6	1329.2	1240.3	1166.4	1106.3	1042.4	967.6	858.7	744.3	640.0	542.3
0°	1447.9	1330.8	1245.6	1171.1	1107.2	1043.3	968.8	862.3	745.2	638.8	543.0
-2.5°	1445.6	1329.2	1240.3	1166.4	1106.3	1042.4	967.6	858.7	744.3	640.0	542.3
-5°	1438.6	1323.9	1232.5	1160.2	1103.7	1039.6	963.7	852.8	741.5	639.5	540.2
-7.5°	1429.2	1317.7	1225.3	1153.6	1099.2	1034.9	957.1	844.9	737.1	637.3	536.7
-10°	1416.4	1310.0	1220.7	1151.6	1095.6	1029.0	947.7	835.1	731.1	633.4	532.0
-12.5°	1400.0	1298.7	1213.5	1148.0	1090.2	1021.6	936.6	826.6	724.1	627.6	526.2
-15°	1380.4	1284.2	1204.0	1142.8	1082.6	1012.0	923.7	817.8	717.5	620.0	519.3
-17.5°	1358.3	1266.3	1192.1	1136.0	1072.7	1000.1	909.1	807.2	709.0	611.1	511.7
-20°	1337.1	1249.3	1178.8	1127.7	1060.4	985.8	893.0	794.9	698.6	600.5	503.3

Classified

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

Scaled Data Report



REPORT NUMBER: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1313.0	1233.3	1168.6	1113.6	1044.6	969.2	875.5	781.1	686.2	588.4	493.3
-25°	1285.7	1215.0	1155.1	1095.7	1024.9	947.0	857.2	765.7	671.8	574.7	482.0
-27.5°	1261.2	1195.1	1137.9	1076.8	1005.5	923.8	837.8	748.1	655.1	559.5	469.3
-30°	1236.6	1173.7	1116.2	1056.2	984.9	900.9	817.1	728.1	636.2	543.3	455.1
-32.5°	1205.8	1147.9	1093.5	1032.1	959.1	875.4	793.5	705.9	615.6	525.8	440.2
-35°	1172.0	1120.3	1070.0	1007.1	928.8	846.3	765.5	681.5	593.5	506.7	424.4
-37.5°	1136.7	1090.5	1041.8	976.6	895.7	813.8	734.2	653.4	569.8	486.0	407.5
-40°	1101.9	1057.5	1009.4	937.6	857.6	778.1	701.2	624.2	544.7	463.7	389.6
-42.5°	1064.7	1022.7	967.0	895.7	815.2	740.2	666.8	594.1	517.9	441.4	370.7
-45°	1028.1	983.1	921.4	847.5	769.9	700.7	632.6	563.1	490.0	418.7	350.8
-47.5°	988.7	935.8	871.7	798.3	725.9	660.6	597.7	531.2	461.4	395.0	330.1
-50°	940.6	884.8	818.4	750.6	682.6	622.1	562.1	498.7	433.4	370.3	308.5
-52.5°	885.0	827.9	765.5	702.2	640.3	583.0	525.9	465.4	403.9	344.5	286.2
-55°	825.2	770.7	712.1	652.5	595.8	543.2	489.0	430.7	373.1	317.4	263.3
-57.5°	760.3	711.4	655.0	600.2	549.7	501.7	449.6	394.5	341.1	289.3	242.2
-60°	690.5	643.9	594.1	547.3	502.4	456.5	407.7	357.0	307.8	261.0	220.1
-62.5°	617.2	575.2	535.1	493.9	450.8	407.3	364.3	318.2	273.4	235.1	197.4
-65°	543.1	508.2	474.8	434.7	395.2	357.3	319.4	278.2	242.6	208.6	175.1
-67.5°	467.2	439.4	407.2	372.5	341.3	308.7	273.7	242.6	212.4	181.7	154.4
-70°	398.1	370.8	343.5	317.4	289.8	261.0	235.1	208.6	181.7	157.7	133.4
-72.5°	332.2	310.1	287.2	263.9	242.3	220.1	197.4	175.1	154.4	133.4	112.1
-75°	268.9	251.8	234.3	216.3	197.8	179.1	162.0	144.6	126.9	108.8	92.8
-77.5°	212.0	197.9	183.4	170.0	156.5	142.6	128.4	113.9	100.1	87.2	74.1
-80°	156.0	146.3	137.1	127.8	117.0	106.0	96.3	86.3	76.1	65.7	55.2
-82.5°	100.7	97.0	93.2	88.4	81.5	74.3	67.0	59.5	51.9	44.1	38.3
-85°	62.2	59.3	55.9	51.9	47.3	42.6	39.3	36.0	32.6	29.1	25.6
-87.5°	28.8	27.4	25.9	24.4	22.9	21.3	19.7	18.0	16.3	14.6	12.8
-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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Scaled Data Report



REPORT NUMBER: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-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°	11.0	9.2	7.4	5.6	3.7	1.6	0.0
85°	22.0	18.4	14.8	11.1	7.4	3.2	0.0
82.5°	33.0	27.6	22.1	16.6	11.1	4.9	0.0
80°	44.5	36.7	29.4	22.1	14.7	6.5	0.0
77.5°	60.7	47.1	36.7	27.6	18.3	8.0	0.0
75°	76.6	59.9	44.4	33.0	21.8	9.6	0.0
72.5°	92.2	72.5	54.1	38.3	25.3	11.1	0.0
70°	107.9	84.8	63.6	43.9	28.7	12.6	0.0
67.5°	125.7	96.8	72.9	50.6	31.9	14.1	0.0
65°	143.2	110.0	81.9	57.2	35.1	15.5	0.0
62.5°	160.3	124.3	90.8	63.6	38.2	16.9	0.0
60°	177.0	138.2	99.3	69.8	41.1	18.3	0.0
57.5°	195.4	151.8	110.0	75.8	45.0	19.6	0.0
55°	213.5	165.0	120.6	81.7	48.7	20.8	0.0
52.5°	231.1	178.1	130.8	87.2	52.4	22.0	0.0
50°	248.1	192.2	140.7	92.6	56.0	23.1	0.0
47.5°	264.8	205.8	150.1	98.1	59.4	24.2	0.0
45°	282.5	218.9	159.2	105.0	62.8	25.2	0.0
42.5°	299.5	231.4	167.9	111.5	66.0	26.2	0.0
40°	315.6	243.3	176.8	117.8	69.1	27.1	0.0
37.5°	330.9	254.5	185.8	123.9	72.0	27.9	0.0
35°	345.3	266.0	194.2	129.7	74.9	28.6	0.0
32.5°	358.9	277.3	202.1	135.1	77.6	29.3	0.0
30°	371.5	287.7	209.5	140.2	80.1	29.9	0.0
27.5°	383.1	297.4	216.7	144.9	82.5	30.5	0.0
25°	393.7	306.2	223.3	149.3	84.7	31.0	0.0
22.5°	403.4	314.1	229.3	153.2	86.7	31.4	0.0
20°	411.9	321.0	234.8	156.8	88.5	31.7	0.0
17.5°	419.1	326.9	239.6	159.9	90.2	32.0	0.0
15°	424.9	331.7	243.8	162.6	91.6	32.2	0.0
12.5°	429.6	335.6	247.3	165.0	92.9	32.3	0.0
10°	433.2	338.4	250.3	166.9	93.9	32.3	0.0
7.5°	435.7	340.4	252.6	168.4	94.7	32.3	0.0
5°	437.1	341.4	254.2	169.4	95.3	32.2	0.0
2.5°	437.4	341.5	255.2	170.1	95.7	32.1	0.0
0°	436.5	340.7	255.5	170.3	95.8	31.9	0.0
-2.5°	437.4	341.5	255.2	170.1	95.7	32.1	0.0
-5°	437.1	341.4	254.2	169.4	95.3	32.2	0.0
-7.5°	435.7	340.4	252.6	168.4	94.7	32.3	0.0
-10°	433.2	338.4	250.3	166.9	93.9	32.3	0.0
-12.5°	429.6	335.6	247.3	165.0	92.9	32.3	0.0
-15°	424.9	331.7	243.8	162.6	91.6	32.2	0.0
-17.5°	419.1	326.9	239.6	159.9	90.2	32.0	0.0
-20°	411.9	321.0	234.8	156.8	88.5	31.7	0.0

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REPORT NUMBER: P628009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	403.4	314.1	229.3	153.2	86.7	31.4	0.0
-25°	393.7	306.2	223.3	149.3	84.7	31.0	0.0
-27.5°	383.1	297.4	216.7	144.9	82.5	30.5	0.0
-30°	371.5	287.7	209.5	140.2	80.1	29.9	0.0
-32.5°	358.9	277.3	202.1	135.1	77.6	29.3	0.0
-35°	345.3	266.0	194.2	129.7	74.9	28.6	0.0
-37.5°	330.9	254.5	185.8	123.9	72.0	27.9	0.0
-40°	315.6	243.3	176.8	117.8	69.1	27.1	0.0
-42.5°	299.5	231.4	167.9	111.5	66.0	26.2	0.0
-45°	282.5	218.9	159.2	105.0	62.8	25.2	0.0
-47.5°	264.8	205.8	150.1	98.1	59.4	24.2	0.0
-50°	248.1	192.2	140.7	92.6	56.0	23.1	0.0
-52.5°	231.1	178.1	130.8	87.2	52.4	22.0	0.0
-55°	213.5	165.0	120.6	81.7	48.7	20.8	0.0
-57.5°	195.4	151.8	110.0	75.8	45.0	19.6	0.0
-60°	177.0	138.2	99.3	69.8	41.1	18.3	0.0
-62.5°	160.3	124.3	90.8	63.6	38.2	16.9	0.0
-65°	143.2	110.0	81.9	57.2	35.1	15.5	0.0
-67.5°	125.7	96.8	72.9	50.6	31.9	14.1	0.0
-70°	107.9	84.8	63.6	43.9	28.7	12.6	0.0
-72.5°	92.2	72.5	54.1	38.3	25.3	11.1	0.0
-75°	76.6	59.9	44.4	33.0	21.8	9.6	0.0
-77.5°	60.7	47.1	36.7	27.6	18.3	8.0	0.0
-80°	44.5	36.7	29.4	22.1	14.7	6.5	0.0
-82.5°	33.0	27.6	22.1	16.6	11.1	4.9	0.0
-85°	22.0	18.4	14.8	11.1	7.4	3.2	0.0
-87.5°	11.0	9.2	7.4	5.6	3.7	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)