

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: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-730-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N139
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

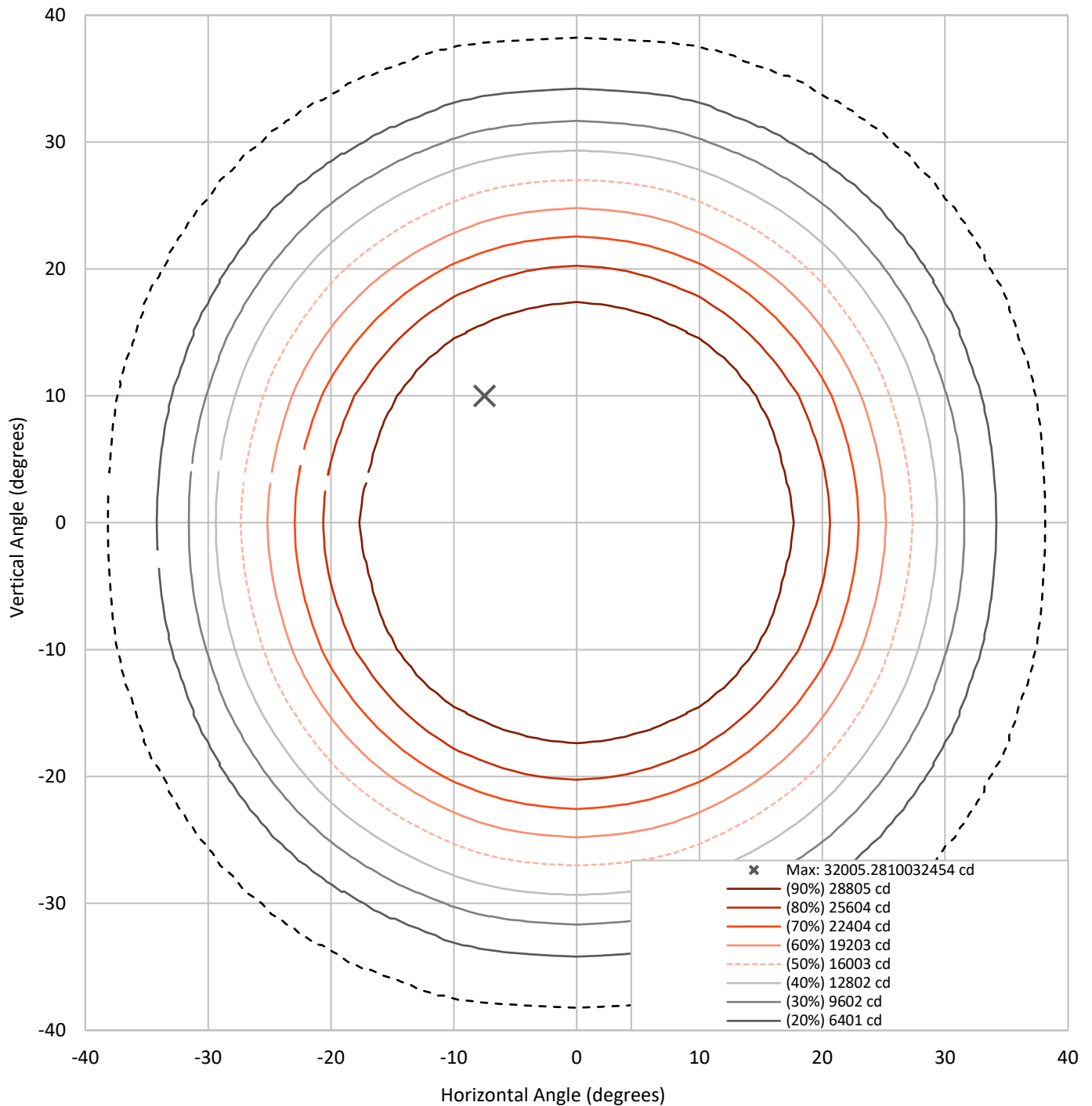
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	27239.5 lumens	Max Intensity:	32005.3 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	142.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	18080 lumens	Field Lumens:	23509.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





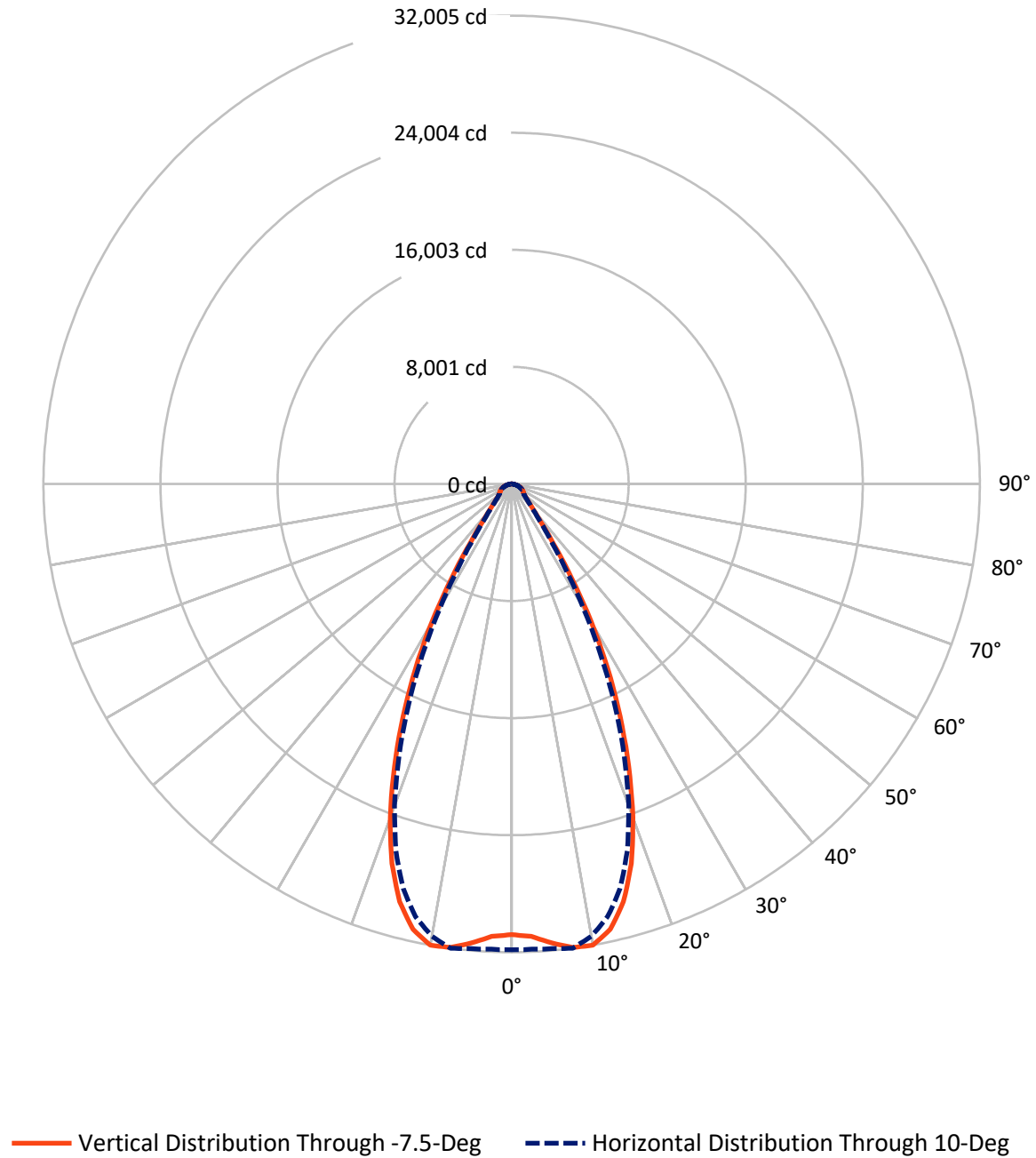
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Lumen Table

90																			
80	0.7	6.4		17.1		27.0		30.2		27.0		17.1		6.4		0.7			
70																			
60	2.9	3.3	6.7	10.9	15.3	18.5	20.9	22.1	22.1	20.9	18.5	15.3	10.9	6.7	3.3	2.9			
50		4.9	9.8	15.7	21.0	25.4	28.5	29.7	29.7	28.5	25.4	21.0	15.7	9.8	4.9				
40	5.1	6.3	12.4	19.1	25.5	33.3	41.8	48.0	48.0	41.8	33.3	25.5	19.1	12.4	6.3	5.1			
30		7.5	14.5	21.9	33.9	61.9	118.5	175.6	175.6	118.5	61.9	33.9	21.9	14.5	7.5				
20	6.6	8.4	15.8	25.6	55.8	174.9	392.3	547.8	547.8	392.3	174.9	55.8	25.6	15.8	8.4	6.6			
10		9.0	16.6	30.4	100.9	372.8	711.9	891.0	891.0	711.9	372.8	100.9	30.4	16.6	9.0				
0	7.1	9.3	17.0	34.2	145.2	510.1	863.6	939.7	939.7	863.6	510.1	145.2	34.2	17.0	9.3	7.1			
-10		9.3	17.0	34.2	145.2	510.1	863.6	939.7	939.7	863.6	510.1	145.2	34.2	17.0	9.3				
-20	6.6	9.0	16.6	30.4	100.9	372.8	711.9	891.0	891.0	711.9	372.8	100.9	30.4	16.6	9.0	6.6			
-30		8.4	15.8	25.6	55.8	174.9	392.3	547.8	547.8	392.3	174.9	55.8	25.6	15.8	8.4				
-40	5.1	7.5	14.5	21.9	33.9	61.9	118.5	175.6	175.6	118.5	61.9	33.9	21.9	14.5	7.5	5.1			
-50		6.3	12.4	19.1	25.5	33.3	41.8	48.0	48.0	41.8	33.3	25.5	19.1	12.4	6.3				
-60	2.9	4.9	9.8	15.7	21.0	25.4	28.5	29.7	29.7	28.5	25.4	21.0	15.7	9.8	4.9	2.9			
-70		3.3	6.7	10.9	15.3	18.5	20.9	22.1	22.1	20.9	18.5	15.3	10.9	6.7	3.3				
-80																			
-90	0.7	6.4		17.1		27.0		30.2		27.0		17.1		6.4		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

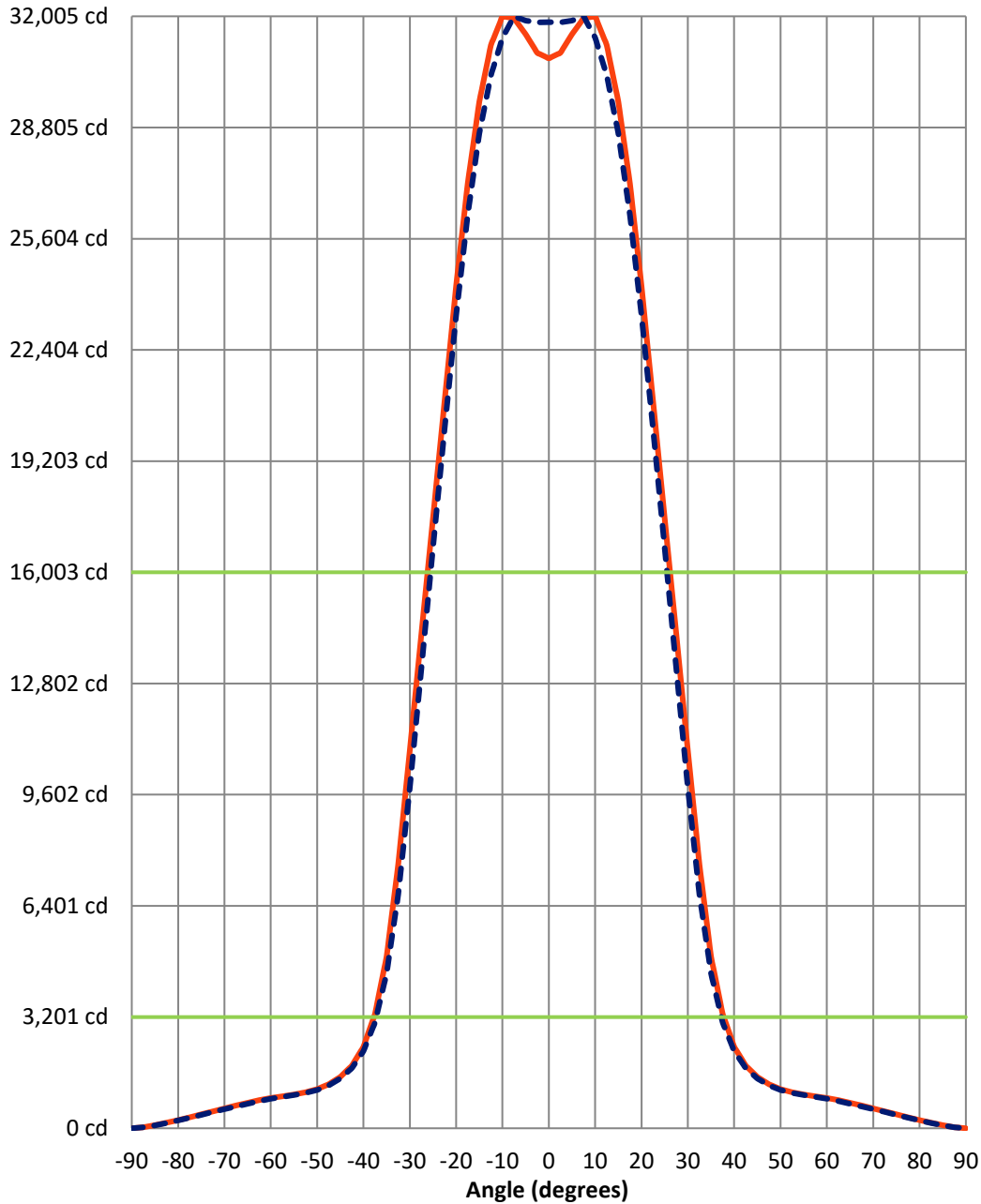
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 18080
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 23509.1
 Efficiency: 86.3%

Spill:
 Lumens: 3730.4
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.2	2.4	3.7	4.9	6.1	7.2	8.8	10.5	12.3	14.2
85°	0.0	2.4	4.9	7.3	9.7	12.1	14.5	17.6	21.0	24.6	28.3
82.5°	0.0	3.7	7.3	10.9	14.5	18.1	21.7	26.4	32.1	40.5	48.4
80°	0.0	4.9	9.7	14.5	19.4	24.1	29.9	41.2	52.0	62.2	71.8
77.5°	0.0	6.1	12.1	18.1	24.1	32.6	45.5	58.9	71.8	83.9	96.8
75°	0.0	7.2	14.5	21.7	29.9	45.5	61.0	76.6	91.9	109.5	126.9
72.5°	0.0	8.4	16.8	25.2	40.2	58.3	76.4	95.1	115.9	136.4	156.6
70°	0.0	9.6	19.1	29.4	50.3	71.0	91.9	115.9	139.6	163.0	187.6
67.5°	0.0	10.7	21.4	36.9	60.3	83.5	109.4	136.4	163.0	190.4	218.4
65°	0.0	11.8	23.6	44.3	70.1	96.6	126.5	156.6	186.6	217.3	249.8
62.5°	0.0	12.9	25.8	51.5	79.7	110.4	143.2	176.5	209.6	244.3	283.6
60°	0.0	14.0	28.0	58.6	89.1	123.8	159.5	195.9	232.0	273.6	316.5
57.5°	0.0	15.0	32.5	65.5	99.4	136.8	175.8	214.7	256.5	302.1	347.5
55°	0.0	16.1	36.9	72.2	109.4	149.4	191.7	233.2	280.7	329.5	377.3
52.5°	0.0	17.0	41.1	78.7	119.0	161.7	207.4	253.5	304.2	355.5	406.2
50°	0.0	18.0	45.2	85.0	128.3	174.5	222.5	273.3	326.7	380.7	434.1
47.5°	0.0	18.9	49.1	91.2	137.2	186.8	237.5	292.4	348.2	405.0	461.2
45°	0.0	19.8	52.8	97.6	145.8	198.7	253.0	310.5	369.0	428.3	487.2
42.5°	0.0	20.6	56.3	103.7	153.9	210.2	267.8	327.8	388.8	450.7	511.7
40°	0.0	21.4	59.7	109.3	162.1	221.2	281.8	344.1	407.7	472.0	535.4
37.5°	0.0	22.2	62.8	114.5	170.4	231.7	295.0	359.5	425.9	492.6	558.1
35°	0.0	22.9	65.8	119.4	178.4	242.0	307.4	373.9	443.3	511.9	579.2
32.5°	0.0	23.6	68.5	124.0	185.8	251.7	319.0	387.3	459.8	529.9	597.9
30°	0.0	24.2	71.0	128.3	192.8	260.7	329.6	399.9	475.3	546.4	615.3
27.5°	0.0	24.8	73.3	132.2	199.1	269.0	339.4	412.3	489.4	561.5	631.3
25°	0.0	25.4	75.4	135.8	204.7	276.5	348.3	423.7	501.8	574.8	646.0
22.5°	0.0	25.9	77.3	139.0	209.8	283.2	356.3	434.2	512.8	586.7	659.4
20°	0.0	26.3	78.9	141.9	214.4	288.9	363.3	443.7	522.6	597.3	671.3
17.5°	0.0	26.7	80.3	144.4	218.3	293.9	369.7	452.1	531.0	606.5	681.7
15°	0.0	27.0	81.5	146.5	221.7	298.2	375.5	459.7	538.2	614.5	690.6
12.5°	0.0	27.3	82.5	148.2	224.5	301.7	380.4	466.4	544.6	621.0	698.0
10°	0.0	27.6	83.2	149.6	226.8	304.5	384.5	471.9	550.2	627.2	704.2
7.5°	0.0	27.8	83.8	150.6	228.4	306.5	387.8	476.2	554.5	632.1	709.7
5°	0.0	27.9	84.1	151.2	229.4	307.8	390.2	479.2	557.6	635.7	713.7
2.5°	0.0	28.0	84.1	151.4	229.8	308.3	391.6	481.1	559.5	637.8	716.1
0°	0.0	28.0	84.0	151.2	229.6	308.1	392.1	481.7	560.1	638.5	716.9
-2.5°	0.0	28.0	84.1	151.4	229.8	308.3	391.6	481.1	559.5	637.8	716.1
-5°	0.0	27.9	84.1	151.2	229.4	307.8	390.2	479.2	557.6	635.7	713.7
-7.5°	0.0	27.8	83.8	150.6	228.4	306.5	387.8	476.2	554.5	632.1	709.7
-10°	0.0	27.6	83.2	149.6	226.8	304.5	384.5	471.9	550.2	627.2	704.2
-12.5°	0.0	27.3	82.5	148.2	224.5	301.7	380.4	466.4	544.6	621.0	698.0
-15°	0.0	27.0	81.5	146.5	221.7	298.2	375.5	459.7	538.2	614.5	690.6
-17.5°	0.0	26.7	80.3	144.4	218.3	293.9	369.7	452.1	531.0	606.5	681.7
-20°	0.0	26.3	78.9	141.9	214.4	288.9	363.3	443.7	522.6	597.3	671.3

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	25.9	77.3	139.0	209.8	283.2	356.3	434.2	512.8	586.7	659.4
-25°	0.0	25.4	75.4	135.8	204.7	276.5	348.3	423.7	501.8	574.8	646.0
-27.5°	0.0	24.8	73.3	132.2	199.1	269.0	339.4	412.3	489.4	561.5	631.3
-30°	0.0	24.2	71.0	128.3	192.8	260.7	329.6	399.9	475.3	546.4	615.3
-32.5°	0.0	23.6	68.5	124.0	185.8	251.7	319.0	387.3	459.8	529.9	597.9
-35°	0.0	22.9	65.8	119.4	178.4	242.0	307.4	373.9	443.3	511.9	579.2
-37.5°	0.0	22.2	62.8	114.5	170.4	231.7	295.0	359.5	425.9	492.6	558.1
-40°	0.0	21.4	59.7	109.3	162.1	221.2	281.8	344.1	407.7	472.0	535.4
-42.5°	0.0	20.6	56.3	103.7	153.9	210.2	267.8	327.8	388.8	450.7	511.7
-45°	0.0	19.8	52.8	97.6	145.8	198.7	253.0	310.5	369.0	428.3	487.2
-47.5°	0.0	18.9	49.1	91.2	137.2	186.8	237.5	292.4	348.2	405.0	461.2
-50°	0.0	18.0	45.2	85.0	128.3	174.5	222.5	273.3	326.7	380.7	434.1
-52.5°	0.0	17.0	41.1	78.7	119.0	161.7	207.4	253.5	304.2	355.5	406.2
-55°	0.0	16.1	36.9	72.2	109.4	149.4	191.7	233.2	280.7	329.5	377.3
-57.5°	0.0	15.0	32.5	65.5	99.4	136.8	175.8	214.7	256.5	302.1	347.5
-60°	0.0	14.0	28.0	58.6	89.1	123.8	159.5	195.9	232.0	273.6	316.5
-62.5°	0.0	12.9	25.8	51.5	79.7	110.4	143.2	176.5	209.6	244.3	283.6
-65°	0.0	11.8	23.6	44.3	70.1	96.6	126.5	156.6	186.6	217.3	249.8
-67.5°	0.0	10.7	21.4	36.9	60.3	83.5	109.4	136.4	163.0	190.4	218.4
-70°	0.0	9.6	19.1	29.4	50.3	71.0	91.9	115.9	139.6	163.0	187.6
-72.5°	0.0	8.4	16.8	25.2	40.2	58.3	76.4	95.1	115.9	136.4	156.6
-75°	0.0	7.2	14.5	21.7	29.9	45.5	61.0	76.6	91.9	109.5	126.9
-77.5°	0.0	6.1	12.1	18.1	24.1	32.6	45.5	58.9	71.8	83.9	96.8
-80°	0.0	4.9	9.7	14.5	19.4	24.1	29.9	41.2	52.0	62.2	71.8
-82.5°	0.0	3.7	7.3	10.9	14.5	18.1	21.7	26.4	32.1	40.5	48.4
-85°	0.0	2.4	4.9	7.3	9.7	12.1	14.5	17.6	21.0	24.6	28.3
-87.5°	0.0	1.2	2.4	3.7	4.9	6.1	7.2	8.8	10.5	12.3	14.2
-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°	15.5	16.8	18.0	19.3	20.5	21.6	22.7	23.8	24.8	25.7	26.7
85°	31.0	33.6	38.0	42.6	46.9	51.1	55.2	59.1	62.8	66.3	69.7
82.5°	55.5	62.8	70.2	77.7	84.3	90.6	96.8	103.1	109.5	115.8	122.1
80°	81.6	91.7	103.3	114.3	123.9	133.1	141.9	150.4	159.6	169.5	179.5
77.5°	111.8	126.2	139.7	152.4	164.6	178.0	190.9	203.3	216.2	229.0	241.2
75°	144.1	160.6	177.9	194.9	211.5	227.5	243.2	259.1	275.3	291.4	306.7
72.5°	177.5	198.4	218.8	238.7	259.2	279.3	298.7	317.4	336.6	356.3	375.0
70°	212.2	236.0	261.2	285.5	308.7	332.1	355.7	378.5	400.8	423.5	446.1
67.5°	247.2	277.1	305.4	332.4	359.7	387.3	413.9	441.2	467.5	494.0	519.3
65°	285.7	318.4	349.4	380.2	411.2	443.5	475.0	505.4	536.0	565.6	592.2
62.5°	323.5	358.2	392.5	427.6	464.5	500.8	535.2	570.1	605.6	636.6	663.5
60°	358.2	396.8	435.1	475.1	515.9	555.0	593.5	631.4	669.6	705.3	727.3
57.5°	391.7	434.4	476.9	520.0	562.9	606.5	647.0	688.7	724.3	754.3	779.8
55°	424.4	470.7	516.0	561.2	607.6	653.1	697.2	736.9	771.6	796.6	821.2
52.5°	456.2	505.0	551.8	600.6	650.0	698.3	744.4	781.2	809.6	835.2	858.2
50°	487.0	536.7	586.0	639.0	691.1	742.3	785.6	817.8	846.7	871.6	895.7
47.5°	515.9	567.6	620.4	676.1	731.0	780.5	820.2	853.9	883.4	910.4	938.8
45°	543.6	598.6	654.4	711.9	767.9	815.7	854.1	890.3	918.0	948.3	981.0
42.5°	570.6	628.3	686.8	746.3	802.8	847.5	885.8	919.0	951.5	987.5	1027.0
40°	596.2	656.4	717.5	779.3	835.7	875.3	912.8	948.0	987.5	1030.3	1076.0
37.5°	620.3	682.8	746.2	810.4	859.9	900.7	939.1	978.3	1024.3	1073.8	1135.8
35°	642.8	707.4	772.9	834.5	881.6	924.8	964.5	1008.4	1062.0	1126.7	1206.2
32.5°	663.6	730.1	797.5	854.0	901.6	946.4	987.3	1041.9	1106.4	1183.4	1296.0
30°	682.9	750.9	818.5	873.2	919.6	964.6	1014.4	1075.9	1151.3	1263.8	1407.8
27.5°	700.7	769.8	835.0	889.2	935.7	982.1	1040.3	1114.9	1214.2	1348.5	1527.5
25°	717.1	787.8	850.8	902.5	950.6	1002.1	1065.3	1149.2	1279.8	1453.2	1695.1
22.5°	731.9	804.1	866.0	914.1	964.6	1020.4	1094.2	1199.1	1349.6	1552.0	1864.1
20°	745.1	816.4	877.3	925.1	977.5	1035.5	1119.9	1246.4	1427.9	1690.1	2088.4
17.5°	756.7	827.2	885.8	935.6	990.1	1052.6	1144.9	1287.4	1497.4	1810.5	2315.1
15°	766.6	836.4	893.0	944.5	1001.0	1072.3	1179.7	1341.0	1578.2	1935.7	2512.7
12.5°	774.9	844.0	898.8	951.9	1010.1	1088.7	1209.5	1391.5	1662.1	2089.6	2803.9
10°	781.4	849.9	903.3	957.6	1017.1	1101.8	1233.7	1432.8	1731.6	2222.9	3052.3
7.5°	787.4	854.3	906.4	961.6	1022.2	1111.6	1252.1	1464.6	1784.9	2327.5	3248.9
5°	791.8	857.0	908.2	963.9	1026.4	1118.0	1264.5	1486.7	1821.7	2402.3	3387.2
2.5°	794.5	857.8	908.5	964.5	1029.5	1120.9	1271.0	1498.9	1850.7	2437.7	3461.5
0°	795.4	857.0	907.4	963.4	1030.6	1120.2	1271.5	1501.1	1865.2	2436.5	3472.7
-2.5°	794.5	857.8	908.5	964.5	1029.5	1120.9	1271.0	1498.9	1850.7	2437.7	3461.5
-5°	791.8	857.0	908.2	963.9	1026.4	1118.0	1264.5	1486.7	1821.7	2402.3	3387.2
-7.5°	787.4	854.3	906.4	961.6	1022.2	1111.6	1252.1	1464.6	1784.9	2327.5	3248.9
-10°	781.4	849.9	903.3	957.6	1017.1	1101.8	1233.7	1432.8	1731.6	2222.9	3052.3
-12.5°	774.9	844.0	898.8	951.9	1010.1	1088.7	1209.5	1391.5	1662.1	2089.6	2803.9
-15°	766.6	836.4	893.0	944.5	1001.0	1072.3	1179.7	1341.0	1578.2	1935.7	2512.7
-17.5°	756.7	827.2	885.8	935.6	990.1	1052.6	1144.9	1287.4	1497.4	1810.5	2315.1
-20°	745.1	816.4	877.3	925.1	977.5	1035.5	1119.9	1246.4	1427.9	1690.1	2088.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	731.9	804.1	866.0	914.1	964.6	1020.4	1094.2	1199.1	1349.6	1552.0	1864.1
-25°	717.1	787.8	850.8	902.5	950.6	1002.1	1065.3	1149.2	1279.8	1453.2	1695.1
-27.5°	700.7	769.8	835.0	889.2	935.7	982.1	1040.3	1114.9	1214.2	1348.5	1527.5
-30°	682.9	750.9	818.5	873.2	919.6	964.6	1014.4	1075.9	1151.3	1263.8	1407.8
-32.5°	663.6	730.1	797.5	854.0	901.6	946.4	987.3	1041.9	1106.4	1183.4	1296.0
-35°	642.8	707.4	772.9	834.5	881.6	924.8	964.5	1008.4	1062.0	1126.7	1206.2
-37.5°	620.3	682.8	746.2	810.4	859.9	900.7	939.1	978.3	1024.3	1073.8	1135.8
-40°	596.2	656.4	717.5	779.3	835.7	875.3	912.8	948.0	987.5	1030.3	1076.0
-42.5°	570.6	628.3	686.8	746.3	802.8	847.5	885.8	919.0	951.5	987.5	1027.0
-45°	543.6	598.6	654.4	711.9	767.9	815.7	854.1	890.3	918.0	948.3	981.0
-47.5°	515.9	567.6	620.4	676.1	731.0	780.5	820.2	853.9	883.4	910.4	938.8
-50°	487.0	536.7	586.0	639.0	691.1	742.3	785.6	817.8	846.7	871.6	895.7
-52.5°	456.2	505.0	551.8	600.6	650.0	698.3	744.4	781.2	809.6	835.2	858.2
-55°	424.4	470.7	516.0	561.2	607.6	653.1	697.2	736.9	771.6	796.6	821.2
-57.5°	391.7	434.4	476.9	520.0	562.9	606.5	647.0	688.7	724.3	754.3	779.8
-60°	358.2	396.8	435.1	475.1	515.9	555.0	593.5	631.4	669.6	705.3	727.3
-62.5°	323.5	358.2	392.5	427.6	464.5	500.8	535.2	570.1	605.6	636.6	663.5
-65°	285.7	318.4	349.4	380.2	411.2	443.5	475.0	505.4	536.0	565.6	592.2
-67.5°	247.2	277.1	305.4	332.4	359.7	387.3	413.9	441.2	467.5	494.0	519.3
-70°	212.2	236.0	261.2	285.5	308.7	332.1	355.7	378.5	400.8	423.5	446.1
-72.5°	177.5	198.4	218.8	238.7	259.2	279.3	298.7	317.4	336.6	356.3	375.0
-75°	144.1	160.6	177.9	194.9	211.5	227.5	243.2	259.1	275.3	291.4	306.7
-77.5°	111.8	126.2	139.7	152.4	164.6	178.0	190.9	203.3	216.2	229.0	241.2
-80°	81.6	91.7	103.3	114.3	123.9	133.1	141.9	150.4	159.6	169.5	179.5
-82.5°	55.5	62.8	70.2	77.7	84.3	90.6	96.8	103.1	109.5	115.8	122.1
-85°	31.0	33.6	38.0	42.6	46.9	51.1	55.2	59.1	62.8	66.3	69.7
-87.5°	15.5	16.8	18.0	19.3	20.5	21.6	22.7	23.8	24.8	25.7	26.7
-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: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-MWR-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°	27.5	27.2	26.7	26.1	25.4	27.2	28.9	30.7	32.4	31.4	30.3
85°	72.9	74.5	75.9	77.1	78.1	81.6	84.9	88.0	91.0	90.9	90.5
82.5°	128.3	132.4	135.9	139.1	141.9	146.0	149.7	152.8	155.5	157.5	159.2
80°	189.0	195.7	201.5	206.7	211.3	216.7	221.7	226.1	230.0	232.1	233.4
77.5°	253.3	263.1	271.8	280.1	288.0	295.9	303.1	309.4	315.0	316.3	316.0
75°	321.2	334.4	346.7	358.2	368.7	377.8	385.5	391.9	397.2	399.8	401.2
72.5°	392.9	409.0	423.6	436.6	447.9	457.2	465.3	472.3	478.2	482.0	484.2
70°	467.5	486.7	501.6	513.9	523.5	532.8	543.2	553.2	562.5	567.7	569.7
67.5°	542.4	562.2	575.9	587.1	595.9	605.1	618.2	630.0	640.6	647.7	652.2
65°	615.7	636.6	650.3	661.0	669.1	678.3	693.0	704.7	713.7	720.8	727.2
62.5°	688.1	709.2	724.5	737.3	749.0	759.1	771.2	781.0	788.7	795.7	803.6
60°	750.9	775.9	791.9	804.9	819.5	835.2	844.1	851.5	857.9	863.5	868.4
57.5°	802.2	824.5	845.1	860.6	875.8	890.4	900.9	907.8	913.4	917.6	919.3
55°	845.1	868.1	891.1	907.9	922.8	936.5	948.0	957.0	964.5	970.4	971.8
52.5°	883.5	909.4	931.9	951.4	971.1	987.2	999.8	1012.1	1022.8	1031.5	1035.2
50°	925.3	952.4	980.5	1006.6	1027.5	1046.0	1061.3	1078.6	1096.9	1112.0	1121.6
47.5°	969.3	1000.5	1034.5	1066.5	1091.4	1118.7	1144.1	1169.9	1203.9	1232.5	1253.7
45°	1015.3	1055.4	1094.1	1134.9	1169.2	1220.7	1268.5	1309.5	1364.0	1413.5	1452.8
42.5°	1069.6	1119.5	1167.0	1232.4	1300.8	1371.0	1447.0	1511.7	1597.0	1683.7	1753.8
40°	1134.0	1197.7	1281.5	1369.2	1477.1	1573.8	1704.9	1821.7	1952.5	2117.8	2254.4
37.5°	1211.4	1309.6	1426.2	1548.4	1716.8	1877.5	2094.2	2322.6	2529.8	2847.8	3115.4
35°	1312.1	1449.3	1602.8	1819.2	2057.4	2358.7	2696.7	3137.8	3516.0	4052.5	4565.2
32.5°	1441.8	1618.2	1868.9	2202.8	2554.9	3102.0	3638.4	4404.2	5113.4	5963.7	6881.5
30°	1586.1	1854.6	2237.6	2695.6	3352.5	4157.3	5102.8	6279.0	7566.2	8761.5	9939.3
27.5°	1795.2	2179.9	2683.1	3422.2	4445.8	5571.7	7228.4	8825.1	10491.0	11971.8	13206.8
25°	2039.4	2547.7	3325.9	4414.2	5798.4	7726.6	9709.7	11680.4	13471.9	15022.1	16386.7
22.5°	2354.6	3085.9	4123.2	5532.7	7688.4	9999.4	12324.9	14498.5	16409.5	18135.8	19612.9
20°	2697.6	3612.6	5093.9	7195.9	9661.1	12294.0	14919.7	17235.0	19339.2	21296.6	22961.4
17.5°	3132.3	4413.7	6289.5	8811.1	11661.3	14545.9	17304.4	19817.0	22204.2	24275.5	26014.9
15°	3502.7	5119.1	7567.3	10524.7	13607.6	16650.4	19562.7	22291.9	24773.9	26899.0	28534.3
12.5°	3996.8	5909.8	8701.9	11997.9	15338.6	18540.4	21607.9	24428.7	26954.6	29056.3	30329.3
10°	4463.8	6728.3	9798.4	13235.7	16706.4	20117.9	23393.2	26286.2	28631.2	30303.1	31388.0
7.5°	4860.9	7431.8	10690.5	14236.2	17793.2	21359.9	24675.3	27490.1	29652.4	31048.7	31803.9
5°	5157.4	7957.7	11352.6	15049.2	18699.3	22328.5	25618.0	28260.5	30129.4	31166.6	31545.8
2.5°	5346.4	8266.6	11736.8	15582.6	19305.6	22941.4	26264.7	28865.8	30451.3	31138.8	31204.1
0°	5421.9	8306.5	11796.0	15862.5	19458.4	23116.0	26448.7	29114.8	30571.1	31136.8	31125.6
-2.5°	5346.4	8266.6	11736.8	15582.6	19305.6	22941.4	26264.7	28865.8	30451.3	31138.8	31204.1
-5°	5157.4	7957.7	11352.6	15049.2	18699.3	22328.5	25618.0	28260.5	30129.4	31166.6	31545.8
-7.5°	4860.9	7431.8	10690.5	14236.2	17793.2	21359.9	24675.3	27490.1	29652.4	31048.7	31803.9
-10°	4463.8	6728.3	9798.4	13235.7	16706.4	20117.9	23393.2	26286.2	28631.2	30303.1	31388.0
-12.5°	3996.8	5909.8	8701.9	11997.9	15338.6	18540.4	21607.9	24428.7	26954.6	29056.3	30329.3
-15°	3502.7	5119.1	7567.3	10524.7	13607.6	16650.4	19562.7	22291.9	24773.9	26899.0	28534.3
-17.5°	3132.3	4413.7	6289.5	8811.1	11661.3	14545.9	17304.4	19817.0	22204.2	24275.5	26014.9
-20°	2697.6	3612.6	5093.9	7195.9	9661.1	12294.0	14919.7	17235.0	19339.2	21296.6	22961.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2354.6	3085.9	4123.2	5532.7	7688.4	9999.4	12324.9	14498.5	16409.5	18135.8	19612.9
-25°	2039.4	2547.7	3325.9	4414.2	5798.4	7726.6	9709.7	11680.4	13471.9	15022.1	16386.7
-27.5°	1795.2	2179.9	2683.1	3422.2	4445.8	5571.7	7228.4	8825.1	10491.0	11971.8	13206.8
-30°	1586.1	1854.6	2237.6	2695.6	3352.5	4157.3	5102.8	6279.0	7566.2	8761.5	9939.3
-32.5°	1441.8	1618.2	1868.9	2202.8	2554.9	3102.0	3638.4	4404.2	5113.4	5963.7	6881.5
-35°	1312.1	1449.3	1602.8	1819.2	2057.4	2358.7	2696.7	3137.8	3516.0	4052.5	4565.2
-37.5°	1211.4	1309.6	1426.2	1548.4	1716.8	1877.5	2094.2	2322.6	2529.8	2847.8	3115.4
-40°	1134.0	1197.7	1281.5	1369.2	1477.1	1573.8	1704.9	1821.7	1952.5	2117.8	2254.4
-42.5°	1069.6	1119.5	1167.0	1232.4	1300.8	1371.0	1447.0	1511.7	1597.0	1683.7	1753.8
-45°	1015.3	1055.4	1094.1	1134.9	1169.2	1220.7	1268.5	1309.5	1364.0	1413.5	1452.8
-47.5°	969.3	1000.5	1034.5	1066.5	1091.4	1118.7	1144.1	1169.9	1203.9	1232.5	1253.7
-50°	925.3	952.4	980.5	1006.6	1027.5	1046.0	1061.3	1078.6	1096.9	1112.0	1121.6
-52.5°	883.5	909.4	931.9	951.4	971.1	987.2	999.8	1012.1	1022.8	1031.5	1035.2
-55°	845.1	868.1	891.1	907.9	922.8	936.5	948.0	957.0	964.5	970.4	971.8
-57.5°	802.2	824.5	845.1	860.6	875.8	890.4	900.9	907.8	913.4	917.6	919.3
-60°	750.9	775.9	791.9	804.9	819.5	835.2	844.1	851.5	857.9	863.5	868.4
-62.5°	688.1	709.2	724.5	737.3	749.0	759.1	771.2	781.0	788.7	795.7	803.6
-65°	615.7	636.6	650.3	661.0	669.1	678.3	693.0	704.7	713.7	720.8	727.2
-67.5°	542.4	562.2	575.9	587.1	595.9	605.1	618.2	630.0	640.6	647.7	652.2
-70°	467.5	486.7	501.6	513.9	523.5	532.8	543.2	553.2	562.5	567.7	569.7
-72.5°	392.9	409.0	423.6	436.6	447.9	457.2	465.3	472.3	478.2	482.0	484.2
-75°	321.2	334.4	346.7	358.2	368.7	377.8	385.5	391.9	397.2	399.8	401.2
-77.5°	253.3	263.1	271.8	280.1	288.0	295.9	303.1	309.4	315.0	316.3	316.0
-80°	189.0	195.7	201.5	206.7	211.3	216.7	221.7	226.1	230.0	232.1	233.4
-82.5°	128.3	132.4	135.9	139.1	141.9	146.0	149.7	152.8	155.5	157.5	159.2
-85°	72.9	74.5	75.9	77.1	78.1	81.6	84.9	88.0	91.0	90.9	90.5
-87.5°	27.5	27.2	26.7	26.1	25.4	27.2	28.9	30.7	32.4	31.4	30.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-MWR-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°	29.2	27.9	28.0	28.0	28.0	27.9	29.2	30.3	31.4	32.4	30.7
85°	90.0	89.1	86.7	84.0	86.7	89.1	90.0	90.5	90.9	91.0	88.0
82.5°	160.6	161.6	159.4	156.8	159.4	161.6	160.6	159.2	157.5	155.5	152.8
80°	234.1	234.1	232.2	229.6	232.2	234.1	234.1	233.4	232.1	230.0	226.1
77.5°	314.7	312.4	313.3	313.7	313.3	312.4	314.7	316.0	316.3	315.0	309.4
75°	401.8	401.4	400.1	397.7	400.1	401.4	401.8	401.2	399.8	397.2	391.9
72.5°	485.3	485.3	484.1	481.7	484.1	485.3	485.3	484.2	482.0	478.2	472.3
70°	570.2	569.2	570.6	571.3	570.6	569.2	570.2	569.7	567.7	562.5	553.2
67.5°	655.7	657.9	657.5	655.3	657.5	657.9	655.7	652.2	647.7	640.6	630.0
65°	732.4	736.2	738.6	739.4	738.6	736.2	732.4	727.2	720.8	713.7	704.7
62.5°	809.8	814.2	814.5	812.2	814.5	814.2	809.8	803.6	795.7	788.7	781.0
60°	871.1	871.8	870.7	868.2	870.7	871.8	871.1	868.4	863.5	857.9	851.5
57.5°	919.2	917.6	915.7	913.0	915.7	917.6	919.2	919.3	917.6	913.4	907.8
55°	971.0	968.3	966.0	963.4	966.0	968.3	971.0	971.8	970.4	964.5	957.0
52.5°	1036.0	1034.6	1033.0	1030.6	1033.0	1034.6	1036.0	1035.2	1031.5	1022.8	1012.1
50°	1126.4	1127.8	1127.7	1125.8	1127.7	1127.8	1126.4	1121.6	1112.0	1096.9	1078.6
47.5°	1267.1	1274.6	1279.6	1282.7	1279.6	1274.6	1267.1	1253.7	1232.5	1203.9	1169.9
45°	1477.9	1492.9	1503.4	1512.3	1503.4	1492.9	1477.9	1452.8	1413.5	1364.0	1309.5
42.5°	1803.1	1836.6	1852.4	1848.4	1852.4	1836.6	1803.1	1753.8	1683.7	1597.0	1511.7
40°	2345.4	2399.5	2429.4	2453.3	2429.4	2399.5	2345.4	2254.4	2117.8	1952.5	1821.7
37.5°	3298.1	3403.0	3458.3	3506.3	3458.3	3403.0	3298.1	3115.4	2847.8	2529.8	2322.6
35°	4948.3	5184.4	5310.7	5354.7	5310.7	5184.4	4948.3	4565.2	4052.5	3516.0	3137.8
32.5°	7595.6	8031.0	8271.7	8457.7	8271.7	8031.0	7595.6	6881.5	5963.7	5113.4	4404.2
30°	10871.9	11445.3	11763.8	11919.3	11763.8	11445.3	10871.9	9939.3	8761.5	7566.2	6279.0
27.5°	14230.4	14882.3	15225.7	15207.1	15225.7	14882.3	14230.4	13206.8	11971.8	10491.0	8825.1
25°	17556.5	18311.6	18653.7	18959.9	18653.7	18311.6	17556.5	16386.7	15022.1	13471.9	11680.4
22.5°	20920.5	21803.4	22285.1	22511.0	22285.1	21803.4	20920.5	19612.9	18135.8	16409.5	14498.5
20°	24244.4	25227.3	25738.7	25961.4	25738.7	25227.3	24244.4	22961.4	21296.6	19339.2	17235.0
17.5°	27192.4	28151.9	28639.3	28846.0	28639.3	28151.9	27192.4	26014.9	24275.5	22204.2	19817.0
15°	29546.3	30254.0	30668.6	30778.4	30668.6	30254.0	29546.3	28534.3	26899.0	24773.9	22291.9
12.5°	31173.4	31447.6	31646.9	31708.1	31646.9	31447.6	31173.4	30329.3	29056.3	26954.6	24428.7
10°	32005.3	31881.6	31830.5	31837.0	31830.5	31881.6	32005.3	31388.0	30303.1	28631.2	26286.2
7.5°	31948.1	31764.9	31397.1	31338.5	31397.1	31764.9	31948.1	31803.9	31048.7	29652.4	27490.1
5°	31489.1	31155.6	30545.0	30369.5	30545.0	31155.6	31489.1	31545.8	31166.6	30129.4	28260.5
2.5°	30954.1	30352.9	29790.5	29428.5	29790.5	30352.9	30954.1	31204.1	31138.8	30451.3	28865.8
0°	30795.2	30100.6	29372.5	29137.2	29372.5	30100.6	30795.2	31125.6	31136.8	30571.1	29114.8
-2.5°	30954.1	30352.9	29790.5	29428.5	29790.5	30352.9	30954.1	31204.1	31138.8	30451.3	28865.8
-5°	31489.1	31155.6	30545.0	30369.5	30545.0	31155.6	31489.1	31545.8	31166.6	30129.4	28260.5
-7.5°	31948.1	31764.9	31397.1	31338.5	31397.1	31764.9	31948.1	31803.9	31048.7	29652.4	27490.1
-10°	32005.3	31881.6	31830.5	31837.0	31830.5	31881.6	32005.3	31388.0	30303.1	28631.2	26286.2
-12.5°	31173.4	31447.6	31646.9	31708.1	31646.9	31447.6	31173.4	30329.3	29056.3	26954.6	24428.7
-15°	29546.3	30254.0	30668.6	30778.4	30668.6	30254.0	29546.3	28534.3	26899.0	24773.9	22291.9
-17.5°	27192.4	28151.9	28639.3	28846.0	28639.3	28151.9	27192.4	26014.9	24275.5	22204.2	19817.0
-20°	24244.4	25227.3	25738.7	25961.4	25738.7	25227.3	24244.4	22961.4	21296.6	19339.2	17235.0



REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20920.5	21803.4	22285.1	22511.0	22285.1	21803.4	20920.5	19612.9	18135.8	16409.5	14498.5
-25°	17556.5	18311.6	18653.7	18959.9	18653.7	18311.6	17556.5	16386.7	15022.1	13471.9	11680.4
-27.5°	14230.4	14882.3	15225.7	15207.1	15225.7	14882.3	14230.4	13206.8	11971.8	10491.0	8825.1
-30°	10871.9	11445.3	11763.8	11919.3	11763.8	11445.3	10871.9	9939.3	8761.5	7566.2	6279.0
-32.5°	7595.6	8031.0	8271.7	8457.7	8271.7	8031.0	7595.6	6881.5	5963.7	5113.4	4404.2
-35°	4948.3	5184.4	5310.7	5354.7	5310.7	5184.4	4948.3	4565.2	4052.5	3516.0	3137.8
-37.5°	3298.1	3403.0	3458.3	3506.3	3458.3	3403.0	3298.1	3115.4	2847.8	2529.8	2322.6
-40°	2345.4	2399.5	2429.4	2453.3	2429.4	2399.5	2345.4	2254.4	2117.8	1952.5	1821.7
-42.5°	1803.1	1836.6	1852.4	1848.4	1852.4	1836.6	1803.1	1753.8	1683.7	1597.0	1511.7
-45°	1477.9	1492.9	1503.4	1512.3	1503.4	1492.9	1477.9	1452.8	1413.5	1364.0	1309.5
-47.5°	1267.1	1274.6	1279.6	1282.7	1279.6	1274.6	1267.1	1253.7	1232.5	1203.9	1169.9
-50°	1126.4	1127.8	1127.7	1125.8	1127.7	1127.8	1126.4	1121.6	1112.0	1096.9	1078.6
-52.5°	1036.0	1034.6	1033.0	1030.6	1033.0	1034.6	1036.0	1035.2	1031.5	1022.8	1012.1
-55°	971.0	968.3	966.0	963.4	966.0	968.3	971.0	971.8	970.4	964.5	957.0
-57.5°	919.2	917.6	915.7	913.0	915.7	917.6	919.2	919.3	917.6	913.4	907.8
-60°	871.1	871.8	870.7	868.2	870.7	871.8	871.1	868.4	863.5	857.9	851.5
-62.5°	809.8	814.2	814.5	812.2	814.5	814.2	809.8	803.6	795.7	788.7	781.0
-65°	732.4	736.2	738.6	739.4	738.6	736.2	732.4	727.2	720.8	713.7	704.7
-67.5°	655.7	657.9	657.5	655.3	657.5	657.9	655.7	652.2	647.7	640.6	630.0
-70°	570.2	569.2	570.6	571.3	570.6	569.2	570.2	569.7	567.7	562.5	553.2
-72.5°	485.3	485.3	484.1	481.7	484.1	485.3	485.3	484.2	482.0	478.2	472.3
-75°	401.8	401.4	400.1	397.7	400.1	401.4	401.8	401.2	399.8	397.2	391.9
-77.5°	314.7	312.4	313.3	313.7	313.3	312.4	314.7	316.0	316.3	315.0	309.4
-80°	234.1	234.1	232.2	229.6	232.2	234.1	234.1	233.4	232.1	230.0	226.1
-82.5°	160.6	161.6	159.4	156.8	159.4	161.6	160.6	159.2	157.5	155.5	152.8
-85°	90.0	89.1	86.7	84.0	86.7	89.1	90.0	90.5	90.9	91.0	88.0
-87.5°	29.2	27.9	28.0	28.0	28.0	27.9	29.2	30.3	31.4	32.4	30.7
-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: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-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°	28.9	27.2	25.4	26.1	26.7	27.2	27.5	26.7	25.7	24.8	23.8
85°	84.9	81.6	78.1	77.1	75.9	74.5	72.9	69.7	66.3	62.8	59.1
82.5°	149.7	146.0	141.9	139.1	135.9	132.4	128.3	122.1	115.8	109.5	103.1
80°	221.7	216.7	211.3	206.7	201.5	195.7	189.0	179.5	169.5	159.6	150.4
77.5°	303.1	295.9	288.0	280.1	271.8	263.1	253.3	241.2	229.0	216.2	203.3
75°	385.5	377.8	368.7	358.2	346.7	334.4	321.2	306.7	291.4	275.3	259.1
72.5°	465.3	457.2	447.9	436.6	423.6	409.0	392.9	375.0	356.3	336.6	317.4
70°	543.2	532.8	523.5	513.9	501.6	486.7	467.5	446.1	423.5	400.8	378.5
67.5°	618.2	605.1	595.9	587.1	575.9	562.2	542.4	519.3	494.0	467.5	441.2
65°	693.0	678.3	669.1	661.0	650.3	636.6	615.7	592.2	565.6	536.0	505.4
62.5°	771.2	759.1	749.0	737.3	724.5	709.2	688.1	663.5	636.6	605.6	570.1
60°	844.1	835.2	819.5	804.9	791.9	775.9	750.9	727.3	705.3	669.6	631.4
57.5°	900.9	890.4	875.8	860.6	845.1	824.5	802.2	779.8	754.3	724.3	688.7
55°	948.0	936.5	922.8	907.9	891.1	868.1	845.1	821.2	796.6	771.6	736.9
52.5°	999.8	987.2	971.1	951.4	931.9	909.4	883.5	858.2	835.2	809.6	781.2
50°	1061.3	1046.0	1027.5	1006.6	980.5	952.4	925.3	895.7	871.6	846.7	817.8
47.5°	1144.1	1118.7	1091.4	1066.5	1034.5	1000.5	969.3	938.8	910.4	883.4	853.9
45°	1268.5	1220.7	1169.2	1134.9	1094.1	1055.4	1015.3	981.0	948.3	918.0	890.3
42.5°	1447.0	1371.0	1300.8	1232.4	1167.0	1119.5	1069.6	1027.0	987.5	951.5	919.0
40°	1704.9	1573.8	1477.1	1369.2	1281.5	1197.7	1134.0	1076.0	1030.3	987.5	948.0
37.5°	2094.2	1877.5	1716.8	1548.4	1426.2	1309.6	1211.4	1135.8	1073.8	1024.3	978.3
35°	2696.7	2358.7	2057.4	1819.2	1602.8	1449.3	1312.1	1206.2	1126.7	1062.0	1008.4
32.5°	3638.4	3102.0	2554.9	2202.8	1868.9	1618.2	1441.8	1296.0	1183.4	1106.4	1041.9
30°	5102.8	4157.3	3352.5	2695.6	2237.6	1854.6	1586.1	1407.8	1263.8	1151.3	1075.9
27.5°	7228.4	5571.7	4445.8	3422.2	2683.1	2179.9	1795.2	1527.5	1348.5	1214.2	1114.9
25°	9709.7	7726.6	5798.4	4414.2	3325.9	2547.7	2039.4	1695.1	1453.2	1279.8	1149.2
22.5°	12324.9	9999.4	7688.4	5532.7	4123.2	3085.9	2354.6	1864.1	1552.0	1349.6	1199.1
20°	14919.7	12294.0	9661.1	7195.9	5093.9	3612.6	2697.6	2088.4	1690.1	1427.9	1246.4
17.5°	17304.4	14545.9	11661.3	8811.1	6289.5	4413.7	3132.3	2315.1	1810.5	1497.4	1287.4
15°	19562.7	16650.4	13607.6	10524.7	7567.3	5119.1	3502.7	2512.7	1935.7	1578.2	1341.0
12.5°	21607.9	18540.4	15338.6	11997.9	8701.9	5909.8	3996.8	2803.9	2089.6	1662.1	1391.5
10°	23393.2	20117.9	16706.4	13235.7	9798.4	6728.3	4463.8	3052.3	2222.9	1731.6	1432.8
7.5°	24675.3	21359.9	17793.2	14236.2	10690.5	7431.8	4860.9	3248.9	2327.5	1784.9	1464.6
5°	25618.0	22328.5	18699.3	15049.2	11352.6	7957.7	5157.4	3387.2	2402.3	1821.7	1486.7
2.5°	26264.7	22941.4	19305.6	15582.6	11736.8	8266.6	5346.4	3461.5	2437.7	1850.7	1498.9
0°	26448.7	23116.0	19458.4	15862.5	11796.0	8306.5	5421.9	3472.7	2436.5	1865.2	1501.1
-2.5°	26264.7	22941.4	19305.6	15582.6	11736.8	8266.6	5346.4	3461.5	2437.7	1850.7	1498.9
-5°	25618.0	22328.5	18699.3	15049.2	11352.6	7957.7	5157.4	3387.2	2402.3	1821.7	1486.7
-7.5°	24675.3	21359.9	17793.2	14236.2	10690.5	7431.8	4860.9	3248.9	2327.5	1784.9	1464.6
-10°	23393.2	20117.9	16706.4	13235.7	9798.4	6728.3	4463.8	3052.3	2222.9	1731.6	1432.8
-12.5°	21607.9	18540.4	15338.6	11997.9	8701.9	5909.8	3996.8	2803.9	2089.6	1662.1	1391.5
-15°	19562.7	16650.4	13607.6	10524.7	7567.3	5119.1	3502.7	2512.7	1935.7	1578.2	1341.0
-17.5°	17304.4	14545.9	11661.3	8811.1	6289.5	4413.7	3132.3	2315.1	1810.5	1497.4	1287.4
-20°	14919.7	12294.0	9661.1	7195.9	5093.9	3612.6	2697.6	2088.4	1690.1	1427.9	1246.4



REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12324.9	9999.4	7688.4	5532.7	4123.2	3085.9	2354.6	1864.1	1552.0	1349.6	1199.1
-25°	9709.7	7726.6	5798.4	4414.2	3325.9	2547.7	2039.4	1695.1	1453.2	1279.8	1149.2
-27.5°	7228.4	5571.7	4445.8	3422.2	2683.1	2179.9	1795.2	1527.5	1348.5	1214.2	1114.9
-30°	5102.8	4157.3	3352.5	2695.6	2237.6	1854.6	1586.1	1407.8	1263.8	1151.3	1075.9
-32.5°	3638.4	3102.0	2554.9	2202.8	1868.9	1618.2	1441.8	1296.0	1183.4	1106.4	1041.9
-35°	2696.7	2358.7	2057.4	1819.2	1602.8	1449.3	1312.1	1206.2	1126.7	1062.0	1008.4
-37.5°	2094.2	1877.5	1716.8	1548.4	1426.2	1309.6	1211.4	1135.8	1073.8	1024.3	978.3
-40°	1704.9	1573.8	1477.1	1369.2	1281.5	1197.7	1134.0	1076.0	1030.3	987.5	948.0
-42.5°	1447.0	1371.0	1300.8	1232.4	1167.0	1119.5	1069.6	1027.0	987.5	951.5	919.0
-45°	1268.5	1220.7	1169.2	1134.9	1094.1	1055.4	1015.3	981.0	948.3	918.0	890.3
-47.5°	1144.1	1118.7	1091.4	1066.5	1034.5	1000.5	969.3	938.8	910.4	883.4	853.9
-50°	1061.3	1046.0	1027.5	1006.6	980.5	952.4	925.3	895.7	871.6	846.7	817.8
-52.5°	999.8	987.2	971.1	951.4	931.9	909.4	883.5	858.2	835.2	809.6	781.2
-55°	948.0	936.5	922.8	907.9	891.1	868.1	845.1	821.2	796.6	771.6	736.9
-57.5°	900.9	890.4	875.8	860.6	845.1	824.5	802.2	779.8	754.3	724.3	688.7
-60°	844.1	835.2	819.5	804.9	791.9	775.9	750.9	727.3	705.3	669.6	631.4
-62.5°	771.2	759.1	749.0	737.3	724.5	709.2	688.1	663.5	636.6	605.6	570.1
-65°	693.0	678.3	669.1	661.0	650.3	636.6	615.7	592.2	565.6	536.0	505.4
-67.5°	618.2	605.1	595.9	587.1	575.9	562.2	542.4	519.3	494.0	467.5	441.2
-70°	543.2	532.8	523.5	513.9	501.6	486.7	467.5	446.1	423.5	400.8	378.5
-72.5°	465.3	457.2	447.9	436.6	423.6	409.0	392.9	375.0	356.3	336.6	317.4
-75°	385.5	377.8	368.7	358.2	346.7	334.4	321.2	306.7	291.4	275.3	259.1
-77.5°	303.1	295.9	288.0	280.1	271.8	263.1	253.3	241.2	229.0	216.2	203.3
-80°	221.7	216.7	211.3	206.7	201.5	195.7	189.0	179.5	169.5	159.6	150.4
-82.5°	149.7	146.0	141.9	139.1	135.9	132.4	128.3	122.1	115.8	109.5	103.1
-85°	84.9	81.6	78.1	77.1	75.9	74.5	72.9	69.7	66.3	62.8	59.1
-87.5°	28.9	27.2	25.4	26.1	26.7	27.2	27.5	26.7	25.7	24.8	23.8
-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: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.7	21.6	20.5	19.3	18.0	16.8	15.5	14.2	12.3	10.5	8.8
85°	55.2	51.1	46.9	42.6	38.0	33.6	31.0	28.3	24.6	21.0	17.6
82.5°	96.8	90.6	84.3	77.7	70.2	62.8	55.5	48.4	40.5	32.1	26.4
80°	141.9	133.1	123.9	114.3	103.3	91.7	81.6	71.8	62.2	52.0	41.2
77.5°	190.9	178.0	164.6	152.4	139.7	126.2	111.8	96.8	83.9	71.8	58.9
75°	243.2	227.5	211.5	194.9	177.9	160.6	144.1	126.9	109.5	91.9	76.6
72.5°	298.7	279.3	259.2	238.7	218.8	198.4	177.5	156.6	136.4	115.9	95.1
70°	355.7	332.1	308.7	285.5	261.2	236.0	212.2	187.6	163.0	139.6	115.9
67.5°	413.9	387.3	359.7	332.4	305.4	277.1	247.2	218.4	190.4	163.0	136.4
65°	475.0	443.5	411.2	380.2	349.4	318.4	285.7	249.8	217.3	186.6	156.6
62.5°	535.2	500.8	464.5	427.6	392.5	358.2	323.5	283.6	244.3	209.6	176.5
60°	593.5	555.0	515.9	475.1	435.1	396.8	358.2	316.5	273.6	232.0	195.9
57.5°	647.0	606.5	562.9	520.0	476.9	434.4	391.7	347.5	302.1	256.5	214.7
55°	697.2	653.1	607.6	561.2	516.0	470.7	424.4	377.3	329.5	280.7	233.2
52.5°	744.4	698.3	650.0	600.6	551.8	505.0	456.2	406.2	355.5	304.2	253.5
50°	785.6	742.3	691.1	639.0	586.0	536.7	487.0	434.1	380.7	326.7	273.3
47.5°	820.2	780.5	731.0	676.1	620.4	567.6	515.9	461.2	405.0	348.2	292.4
45°	854.1	815.7	767.9	711.9	654.4	598.6	543.6	487.2	428.3	369.0	310.5
42.5°	885.8	847.5	802.8	746.3	686.8	628.3	570.6	511.7	450.7	388.8	327.8
40°	912.8	875.3	835.7	779.3	717.5	656.4	596.2	535.4	472.0	407.7	344.1
37.5°	939.1	900.7	859.9	810.4	746.2	682.8	620.3	558.1	492.6	425.9	359.5
35°	964.5	924.8	881.6	834.5	772.9	707.4	642.8	579.2	511.9	443.3	373.9
32.5°	987.3	946.4	901.6	854.0	797.5	730.1	663.6	597.9	529.9	459.8	387.3
30°	1014.4	964.6	919.6	873.2	818.5	750.9	682.9	615.3	546.4	475.3	399.9
27.5°	1040.3	982.1	935.7	889.2	835.0	769.8	700.7	631.3	561.5	489.4	412.3
25°	1065.3	1002.1	950.6	902.5	850.8	787.8	717.1	646.0	574.8	501.8	423.7
22.5°	1094.2	1020.4	964.6	914.1	866.0	804.1	731.9	659.4	586.7	512.8	434.2
20°	1119.9	1035.5	977.5	925.1	877.3	816.4	745.1	671.3	597.3	522.6	443.7
17.5°	1144.9	1052.6	990.1	935.6	885.8	827.2	756.7	681.7	606.5	531.0	452.1
15°	1179.7	1072.3	1001.0	944.5	893.0	836.4	766.6	690.6	614.5	538.2	459.7
12.5°	1209.5	1088.7	1010.1	951.9	898.8	844.0	774.9	698.0	621.0	544.6	466.4
10°	1233.7	1101.8	1017.1	957.6	903.3	849.9	781.4	704.2	627.2	550.2	471.9
7.5°	1252.1	1111.6	1022.2	961.6	906.4	854.3	787.4	709.7	632.1	554.5	476.2
5°	1264.5	1118.0	1026.4	963.9	908.2	857.0	791.8	713.7	635.7	557.6	479.2
2.5°	1271.0	1120.9	1029.5	964.5	908.5	857.8	794.5	716.1	637.8	559.5	481.1
0°	1271.5	1120.2	1030.6	963.4	907.4	857.0	795.4	716.9	638.5	560.1	481.7
-2.5°	1271.0	1120.9	1029.5	964.5	908.5	857.8	794.5	716.1	637.8	559.5	481.1
-5°	1264.5	1118.0	1026.4	963.9	908.2	857.0	791.8	713.7	635.7	557.6	479.2
-7.5°	1252.1	1111.6	1022.2	961.6	906.4	854.3	787.4	709.7	632.1	554.5	476.2
-10°	1233.7	1101.8	1017.1	957.6	903.3	849.9	781.4	704.2	627.2	550.2	471.9
-12.5°	1209.5	1088.7	1010.1	951.9	898.8	844.0	774.9	698.0	621.0	544.6	466.4
-15°	1179.7	1072.3	1001.0	944.5	893.0	836.4	766.6	690.6	614.5	538.2	459.7
-17.5°	1144.9	1052.6	990.1	935.6	885.8	827.2	756.7	681.7	606.5	531.0	452.1
-20°	1119.9	1035.5	977.5	925.1	877.3	816.4	745.1	671.3	597.3	522.6	443.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1094.2	1020.4	964.6	914.1	866.0	804.1	731.9	659.4	586.7	512.8	434.2
-25°	1065.3	1002.1	950.6	902.5	850.8	787.8	717.1	646.0	574.8	501.8	423.7
-27.5°	1040.3	982.1	935.7	889.2	835.0	769.8	700.7	631.3	561.5	489.4	412.3
-30°	1014.4	964.6	919.6	873.2	818.5	750.9	682.9	615.3	546.4	475.3	399.9
-32.5°	987.3	946.4	901.6	854.0	797.5	730.1	663.6	597.9	529.9	459.8	387.3
-35°	964.5	924.8	881.6	834.5	772.9	707.4	642.8	579.2	511.9	443.3	373.9
-37.5°	939.1	900.7	859.9	810.4	746.2	682.8	620.3	558.1	492.6	425.9	359.5
-40°	912.8	875.3	835.7	779.3	717.5	656.4	596.2	535.4	472.0	407.7	344.1
-42.5°	885.8	847.5	802.8	746.3	686.8	628.3	570.6	511.7	450.7	388.8	327.8
-45°	854.1	815.7	767.9	711.9	654.4	598.6	543.6	487.2	428.3	369.0	310.5
-47.5°	820.2	780.5	731.0	676.1	620.4	567.6	515.9	461.2	405.0	348.2	292.4
-50°	785.6	742.3	691.1	639.0	586.0	536.7	487.0	434.1	380.7	326.7	273.3
-52.5°	744.4	698.3	650.0	600.6	551.8	505.0	456.2	406.2	355.5	304.2	253.5
-55°	697.2	653.1	607.6	561.2	516.0	470.7	424.4	377.3	329.5	280.7	233.2
-57.5°	647.0	606.5	562.9	520.0	476.9	434.4	391.7	347.5	302.1	256.5	214.7
-60°	593.5	555.0	515.9	475.1	435.1	396.8	358.2	316.5	273.6	232.0	195.9
-62.5°	535.2	500.8	464.5	427.6	392.5	358.2	323.5	283.6	244.3	209.6	176.5
-65°	475.0	443.5	411.2	380.2	349.4	318.4	285.7	249.8	217.3	186.6	156.6
-67.5°	413.9	387.3	359.7	332.4	305.4	277.1	247.2	218.4	190.4	163.0	136.4
-70°	355.7	332.1	308.7	285.5	261.2	236.0	212.2	187.6	163.0	139.6	115.9
-72.5°	298.7	279.3	259.2	238.7	218.8	198.4	177.5	156.6	136.4	115.9	95.1
-75°	243.2	227.5	211.5	194.9	177.9	160.6	144.1	126.9	109.5	91.9	76.6
-77.5°	190.9	178.0	164.6	152.4	139.7	126.2	111.8	96.8	83.9	71.8	58.9
-80°	141.9	133.1	123.9	114.3	103.3	91.7	81.6	71.8	62.2	52.0	41.2
-82.5°	96.8	90.6	84.3	77.7	70.2	62.8	55.5	48.4	40.5	32.1	26.4
-85°	55.2	51.1	46.9	42.6	38.0	33.6	31.0	28.3	24.6	21.0	17.6
-87.5°	22.7	21.6	20.5	19.3	18.0	16.8	15.5	14.2	12.3	10.5	8.8
-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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REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-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°	7.2	6.1	4.9	3.7	2.4	1.2	0.0
85°	14.5	12.1	9.7	7.3	4.9	2.4	0.0
82.5°	21.7	18.1	14.5	10.9	7.3	3.7	0.0
80°	29.9	24.1	19.4	14.5	9.7	4.9	0.0
77.5°	45.5	32.6	24.1	18.1	12.1	6.1	0.0
75°	61.0	45.5	29.9	21.7	14.5	7.2	0.0
72.5°	76.4	58.3	40.2	25.2	16.8	8.4	0.0
70°	91.9	71.0	50.3	29.4	19.1	9.6	0.0
67.5°	109.4	83.5	60.3	36.9	21.4	10.7	0.0
65°	126.5	96.6	70.1	44.3	23.6	11.8	0.0
62.5°	143.2	110.4	79.7	51.5	25.8	12.9	0.0
60°	159.5	123.8	89.1	58.6	28.0	14.0	0.0
57.5°	175.8	136.8	99.4	65.5	32.5	15.0	0.0
55°	191.7	149.4	109.4	72.2	36.9	16.1	0.0
52.5°	207.4	161.7	119.0	78.7	41.1	17.0	0.0
50°	222.5	174.5	128.3	85.0	45.2	18.0	0.0
47.5°	237.5	186.8	137.2	91.2	49.1	18.9	0.0
45°	253.0	198.7	145.8	97.6	52.8	19.8	0.0
42.5°	267.8	210.2	153.9	103.7	56.3	20.6	0.0
40°	281.8	221.2	162.1	109.3	59.7	21.4	0.0
37.5°	295.0	231.7	170.4	114.5	62.8	22.2	0.0
35°	307.4	242.0	178.4	119.4	65.8	22.9	0.0
32.5°	319.0	251.7	185.8	124.0	68.5	23.6	0.0
30°	329.6	260.7	192.8	128.3	71.0	24.2	0.0
27.5°	339.4	269.0	199.1	132.2	73.3	24.8	0.0
25°	348.3	276.5	204.7	135.8	75.4	25.4	0.0
22.5°	356.3	283.2	209.8	139.0	77.3	25.9	0.0
20°	363.3	288.9	214.4	141.9	78.9	26.3	0.0
17.5°	369.7	293.9	218.3	144.4	80.3	26.7	0.0
15°	375.5	298.2	221.7	146.5	81.5	27.0	0.0
12.5°	380.4	301.7	224.5	148.2	82.5	27.3	0.0
10°	384.5	304.5	226.8	149.6	83.2	27.6	0.0
7.5°	387.8	306.5	228.4	150.6	83.8	27.8	0.0
5°	390.2	307.8	229.4	151.2	84.1	27.9	0.0
2.5°	391.6	308.3	229.8	151.4	84.1	28.0	0.0
0°	392.1	308.1	229.6	151.2	84.0	28.0	0.0
-2.5°	391.6	308.3	229.8	151.4	84.1	28.0	0.0
-5°	390.2	307.8	229.4	151.2	84.1	27.9	0.0
-7.5°	387.8	306.5	228.4	150.6	83.8	27.8	0.0
-10°	384.5	304.5	226.8	149.6	83.2	27.6	0.0
-12.5°	380.4	301.7	224.5	148.2	82.5	27.3	0.0
-15°	375.5	298.2	221.7	146.5	81.5	27.0	0.0
-17.5°	369.7	293.9	218.3	144.4	80.3	26.7	0.0
-20°	363.3	288.9	214.4	141.9	78.9	26.3	0.0

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REPORT NUMBER: P627807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	356.3	283.2	209.8	139.0	77.3	25.9	0.0
-25°	348.3	276.5	204.7	135.8	75.4	25.4	0.0
-27.5°	339.4	269.0	199.1	132.2	73.3	24.8	0.0
-30°	329.6	260.7	192.8	128.3	71.0	24.2	0.0
-32.5°	319.0	251.7	185.8	124.0	68.5	23.6	0.0
-35°	307.4	242.0	178.4	119.4	65.8	22.9	0.0
-37.5°	295.0	231.7	170.4	114.5	62.8	22.2	0.0
-40°	281.8	221.2	162.1	109.3	59.7	21.4	0.0
-42.5°	267.8	210.2	153.9	103.7	56.3	20.6	0.0
-45°	253.0	198.7	145.8	97.6	52.8	19.8	0.0
-47.5°	237.5	186.8	137.2	91.2	49.1	18.9	0.0
-50°	222.5	174.5	128.3	85.0	45.2	18.0	0.0
-52.5°	207.4	161.7	119.0	78.7	41.1	17.0	0.0
-55°	191.7	149.4	109.4	72.2	36.9	16.1	0.0
-57.5°	175.8	136.8	99.4	65.5	32.5	15.0	0.0
-60°	159.5	123.8	89.1	58.6	28.0	14.0	0.0
-62.5°	143.2	110.4	79.7	51.5	25.8	12.9	0.0
-65°	126.5	96.6	70.1	44.3	23.6	11.8	0.0
-67.5°	109.4	83.5	60.3	36.9	21.4	10.7	0.0
-70°	91.9	71.0	50.3	29.4	19.1	9.6	0.0
-72.5°	76.4	58.3	40.2	25.2	16.8	8.4	0.0
-75°	61.0	45.5	29.9	21.7	14.5	7.2	0.0
-77.5°	45.5	32.6	24.1	18.1	12.1	6.1	0.0
-80°	29.9	24.1	19.4	14.5	9.7	4.9	0.0
-82.5°	21.7	18.1	14.5	10.9	7.3	3.7	0.0
-85°	14.5	12.1	9.7	7.3	4.9	2.4	0.0
-87.5°	7.2	6.1	4.9	3.7	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)