

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: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-750-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N102
Light Source: (64) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

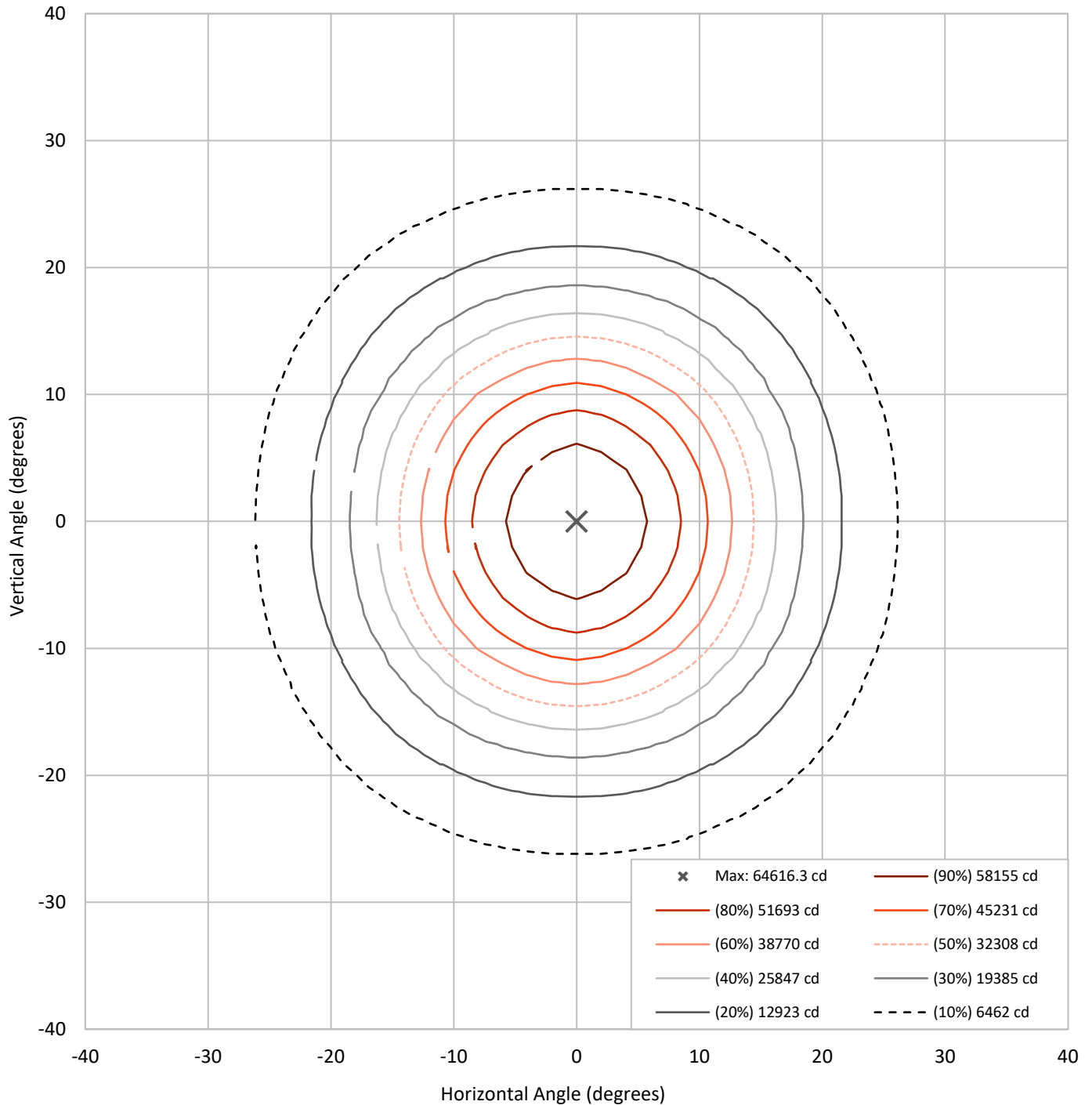
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	20188.4 lumens	Max Intensity:	64616.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	155.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	9815.3 lumens	Field Lumens:	16564.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





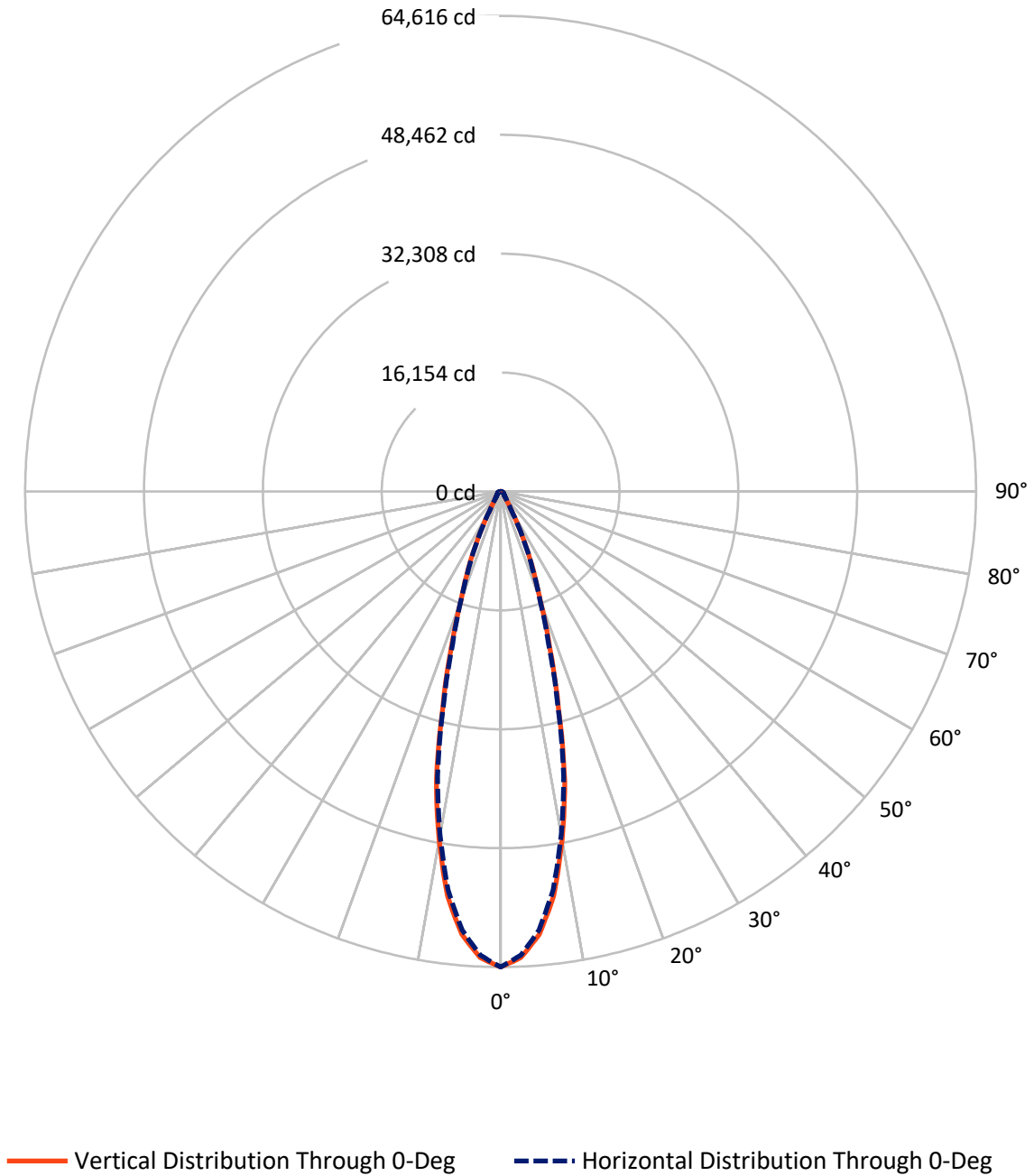
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Lumen Table

90	0.4	3.3	8.8	13.9	15.4	13.9	8.8	3.3	0.4							
80	0.4	3.3	8.8	13.9	15.4	13.9	8.8	3.3	0.4							
70	1.5	1.7	3.5	5.7	8.0	9.8	10.9	11.5	11.5	10.9	9.8	8.0	5.7	3.5	1.7	1.5
60		2.6	5.2	8.4	11.3	13.9	15.6	16.2	16.2	15.6	13.9	11.3	8.4	5.2	2.6	
50	2.7	3.3	6.7	10.4	13.8	17.5	20.5	22.1	22.1	20.5	17.5	13.8	10.4	6.7	3.3	2.7
40		3.9	7.8	12.0	17.0	24.2	35.0	45.5	45.5	35.0	24.2	17.0	12.0	7.8	3.9	
30	3.4	4.4	8.6	13.5	21.7	47.2	132.9	235.7	235.7	132.9	47.2	21.7	13.5	8.6	4.4	3.4
20		4.7	9.0	14.7	29.6	123.9	441.6	846.2	846.2	441.6	123.9	29.6	14.7	9.0	4.7	
10	3.7	4.9	9.2	15.5	37.6	213.9	817.4	1607.8	1607.8	817.4	213.9	37.6	15.5	9.2	4.9	3.7
0		4.9	9.2	15.5	37.6	213.9	817.4	1607.8	1607.8	817.4	213.9	37.6	15.5	9.2	4.9	
-10	3.4	4.7	9.0	14.7	29.6	123.9	441.6	846.2	846.2	441.6	123.9	29.6	14.7	9.0	4.7	3.4
-20		4.4	8.6	13.5	21.7	47.2	132.9	235.7	235.7	132.9	47.2	21.7	13.5	8.6	4.4	
-30	2.7	3.9	7.8	12.0	17.0	24.2	35.0	45.5	45.5	35.0	24.2	17.0	12.0	7.8	3.9	2.7
-40		3.3	6.7	10.4	13.8	17.5	20.5	22.1	22.1	20.5	17.5	13.8	10.4	6.7	3.3	
-50	1.5	2.6	5.2	8.4	11.3	13.9	15.6	16.2	16.2	15.6	13.9	11.3	8.4	5.2	2.6	1.5
-60		1.7	3.5	5.7	8.0	9.8	10.9	11.5	11.5	10.9	9.8	8.0	5.7	3.5	1.7	
-70	0.4	3.3	8.8	13.9	15.4	13.9	8.8	3.3	0.4							
-80		0.4	3.3	8.8	13.9	15.4	13.9	8.8	3.3	0.4						
-90	0.4	3.3	8.8	13.9	15.4	13.9	8.8	3.3	0.4							

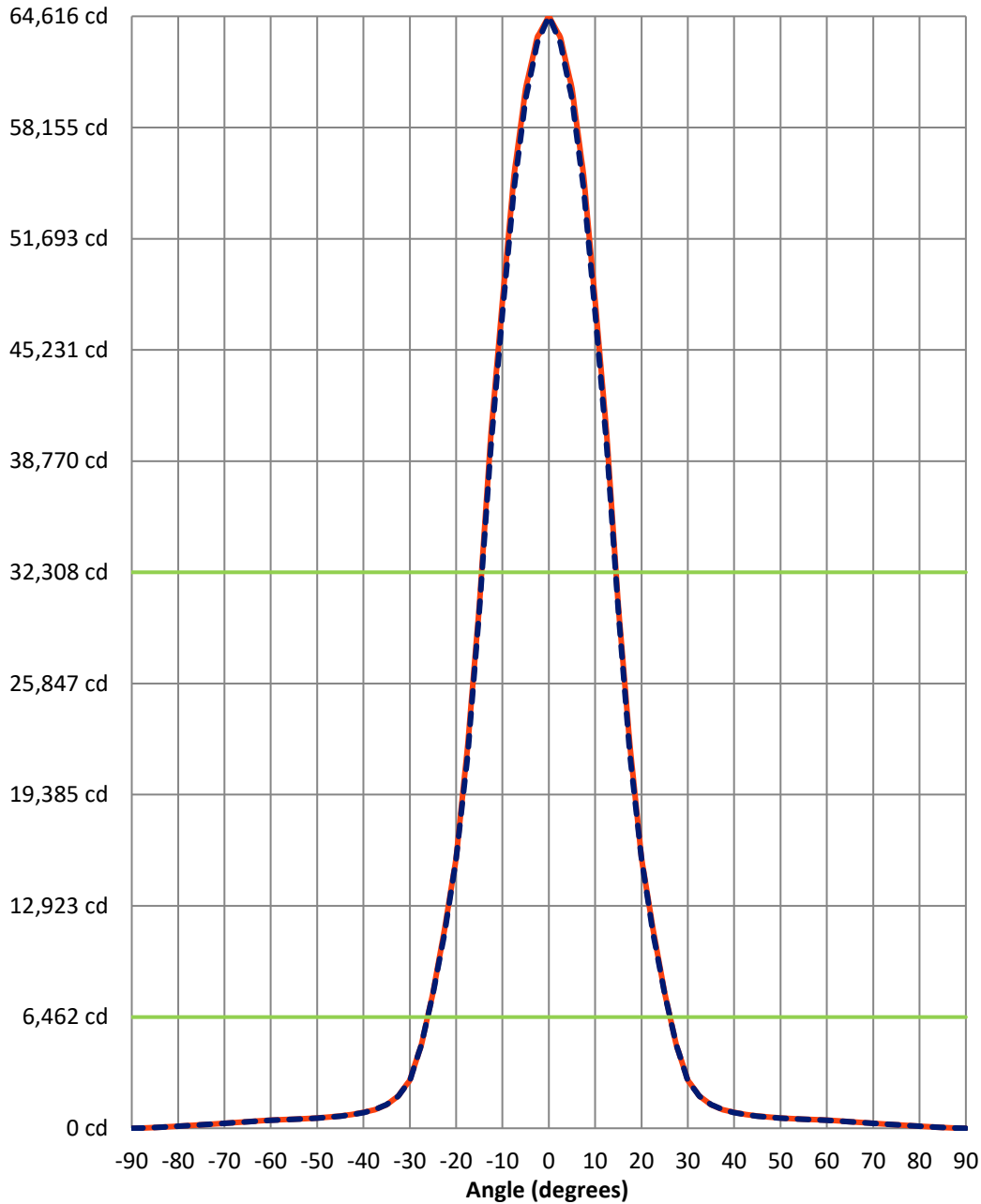
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 9815.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 16564.2
 Efficiency: 82.0%

Spill:
 Lumens: 3624.1
 Efficiency: 18.0%

- 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	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.0
85°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.3	12.7	14.0
82.5°	0.0	2.2	4.3	6.5	8.6	10.7	12.9	14.9	17.3	21.3	25.4
80°	0.0	2.9	5.8	8.6	11.5	14.3	17.5	22.5	27.8	33.4	39.2
77.5°	0.0	3.6	7.2	10.7	14.3	18.7	24.9	31.3	38.2	45.4	53.3
75°	0.0	4.3	8.6	12.9	17.5	24.9	32.2	40.0	48.6	58.7	68.6
72.5°	0.0	5.0	10.0	14.9	22.3	30.9	39.4	49.1	60.8	72.4	83.7
70°	0.0	5.7	11.3	17.3	27.1	36.8	46.8	59.7	72.9	85.9	100.0
67.5°	0.0	6.4	12.7	20.8	31.8	42.7	55.8	70.2	84.8	100.7	116.4
65°	0.0	7.0	14.0	24.3	36.4	49.3	64.7	80.4	97.8	115.3	132.9
62.5°	0.0	7.7	15.3	27.7	40.9	56.6	73.5	91.2	110.5	129.7	149.9
60°	0.0	8.3	16.6	31.0	45.4	63.7	82.0	102.1	122.9	144.3	166.4
57.5°	0.0	8.9	18.7	34.2	50.9	70.7	91.0	112.7	135.2	158.5	182.7
55°	0.0	9.5	20.8	37.4	56.3	77.5	99.7	123.1	147.2	172.3	198.7
52.5°	0.0	10.1	22.9	40.5	61.6	84.1	108.2	133.1	158.7	186.3	214.2
50°	0.0	10.7	24.9	43.4	66.7	90.8	116.2	142.8	170.0	199.8	228.6
47.5°	0.0	11.2	26.8	46.5	71.6	97.2	124.0	152.2	181.6	212.8	242.2
45°	0.0	11.7	28.6	50.0	76.3	103.3	131.7	161.2	192.8	224.4	255.1
42.5°	0.0	12.2	30.3	53.4	80.8	109.1	139.1	170.2	203.4	235.2	267.0
40°	0.0	12.7	32.0	56.6	85.2	114.5	146.1	178.9	213.1	245.4	278.2
37.5°	0.0	13.2	33.6	59.6	89.3	119.7	152.7	187.0	221.8	255.2	288.7
35°	0.0	13.6	35.1	62.4	93.2	124.7	159.0	194.7	229.9	264.4	298.7
32.5°	0.0	14.0	36.5	64.9	96.8	129.6	165.0	201.7	237.5	273.0	308.4
30°	0.0	14.4	37.8	67.3	100.2	134.2	170.6	208.1	244.6	281.0	317.3
27.5°	0.0	14.7	39.0	69.4	103.2	138.4	175.7	213.7	251.1	288.4	325.6
25°	0.0	15.0	40.2	71.3	106.0	142.2	180.3	218.9	257.1	295.2	333.2
22.5°	0.0	15.3	41.2	73.0	108.5	145.7	184.4	223.5	262.4	301.2	340.7
20°	0.0	15.6	42.1	74.5	110.9	148.7	188.1	227.6	267.1	306.6	347.5
17.5°	0.0	15.8	42.9	75.8	113.0	151.3	191.4	231.2	271.3	311.3	353.3
15°	0.0	16.0	43.6	76.9	114.9	153.4	194.4	234.5	274.7	315.2	358.3
12.5°	0.0	16.2	44.2	77.7	116.5	155.1	197.0	237.6	278.0	318.5	362.4
10°	0.0	16.3	44.7	78.3	117.8	156.4	199.2	240.1	280.9	322.3	366.2
7.5°	0.0	16.5	45.1	78.7	118.9	157.3	200.9	242.1	283.2	325.8	370.4
5°	0.0	16.5	45.4	79.0	119.7	157.8	202.2	243.6	284.9	328.5	373.6
2.5°	0.0	16.6	45.5	79.0	120.1	157.9	202.9	244.4	285.9	330.5	376.0
0°	0.0	16.6	45.6	78.8	120.3	157.6	203.2	244.7	286.2	331.8	377.4
-2.5°	0.0	16.6	45.5	79.0	120.1	157.9	202.9	244.4	285.9	330.5	376.0
-5°	0.0	16.5	45.4	79.0	119.7	157.8	202.2	243.6	284.9	328.5	373.6
-7.5°	0.0	16.5	45.1	78.7	118.9	157.3	200.9	242.1	283.2	325.8	370.4
-10°	0.0	16.3	44.7	78.3	117.8	156.4	199.2	240.1	280.9	322.3	366.2
-12.5°	0.0	16.2	44.2	77.7	116.5	155.1	197.0	237.6	278.0	318.5	362.4
-15°	0.0	16.0	43.6	76.9	114.9	153.4	194.4	234.5	274.7	315.2	358.3
-17.5°	0.0	15.8	42.9	75.8	113.0	151.3	191.4	231.2	271.3	311.3	353.3
-20°	0.0	15.6	42.1	74.5	110.9	148.7	188.1	227.6	267.1	306.6	347.5

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CATALOG NUMBER: GFLD-SA4B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.3	41.2	73.0	108.5	145.7	184.4	223.5	262.4	301.2	340.7
-25°	0.0	15.0	40.2	71.3	106.0	142.2	180.3	218.9	257.1	295.2	333.2
-27.5°	0.0	14.7	39.0	69.4	103.2	138.4	175.7	213.7	251.1	288.4	325.6
-30°	0.0	14.4	37.8	67.3	100.2	134.2	170.6	208.1	244.6	281.0	317.3
-32.5°	0.0	14.0	36.5	64.9	96.8	129.6	165.0	201.7	237.5	273.0	308.4
-35°	0.0	13.6	35.1	62.4	93.2	124.7	159.0	194.7	229.9	264.4	298.7
-37.5°	0.0	13.2	33.6	59.6	89.3	119.7	152.7	187.0	221.8	255.2	288.7
-40°	0.0	12.7	32.0	56.6	85.2	114.5	146.1	178.9	213.1	245.4	278.2
-42.5°	0.0	12.2	30.3	53.4	80.8	109.1	139.1	170.2	203.4	235.2	267.0
-45°	0.0	11.7	28.6	50.0	76.3	103.3	131.7	161.2	192.8	224.4	255.1
-47.5°	0.0	11.2	26.8	46.5	71.6	97.2	124.0	152.2	181.6	212.8	242.2
-50°	0.0	10.7	24.9	43.4	66.7	90.8	116.2	142.8	170.0	199.8	228.6
-52.5°	0.0	10.1	22.9	40.5	61.6	84.1	108.2	133.1	158.7	186.3	214.2
-55°	0.0	9.5	20.8	37.4	56.3	77.5	99.7	123.1	147.2	172.3	198.7
-57.5°	0.0	8.9	18.7	34.2	50.9	70.7	91.0	112.7	135.2	158.5	182.7
-60°	0.0	8.3	16.6	31.0	45.4	63.7	82.0	102.1	122.9	144.3	166.4
-62.5°	0.0	7.7	15.3	27.7	40.9	56.6	73.5	91.2	110.5	129.7	149.9
-65°	0.0	7.0	14.0	24.3	36.4	49.3	64.7	80.4	97.8	115.3	132.9
-67.5°	0.0	6.4	12.7	20.8	31.8	42.7	55.8	70.2	84.8	100.7	116.4
-70°	0.0	5.7	11.3	17.3	27.1	36.8	46.8	59.7	72.9	85.9	100.0
-72.5°	0.0	5.0	10.0	14.9	22.3	30.9	39.4	49.1	60.8	72.4	83.7
-75°	0.0	4.3	8.6	12.9	17.5	24.9	32.2	40.0	48.6	58.7	68.6
-77.5°	0.0	3.6	7.2	10.7	14.3	18.7	24.9	31.3	38.2	45.4	53.3
-80°	0.0	2.9	5.8	8.6	11.5	14.3	17.5	22.5	27.8	33.4	39.2
-82.5°	0.0	2.2	4.3	6.5	8.6	10.7	12.9	14.9	17.3	21.3	25.4
-85°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.3	12.7	14.0
-87.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.0
-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°	7.7	8.3	8.9	9.5	10.1	10.7	11.2	11.7	12.2	12.7	13.2
85°	15.3	16.6	19.0	21.5	23.8	26.0	28.2	30.3	32.3	34.2	36.1
82.5°	29.3	33.1	36.8	40.4	43.9	47.3	50.6	53.7	56.7	59.6	62.3
80°	44.5	49.5	54.7	59.4	64.0	68.5	72.9	77.1	81.1	85.4	89.9
77.5°	60.5	67.0	72.9	78.3	84.2	91.2	98.0	104.6	110.9	116.8	122.5
75°	77.1	84.5	92.6	100.6	108.9	117.4	125.6	133.5	141.3	149.2	157.1
72.5°	94.5	104.6	114.3	123.8	134.3	144.6	154.1	162.7	172.5	183.2	193.1
70°	113.0	124.6	136.9	149.1	161.0	172.5	184.2	196.0	207.9	219.5	230.5
67.5°	131.6	146.1	160.4	174.2	187.7	201.5	215.4	229.6	243.3	256.4	269.1
65°	151.3	167.6	183.5	199.0	214.1	230.9	247.3	263.2	280.6	296.7	310.7
62.5°	170.6	188.8	206.4	223.9	242.2	260.7	279.8	299.8	320.5	335.4	348.3
60°	189.1	209.6	229.2	249.3	269.7	290.7	312.6	333.9	352.8	369.1	382.6
57.5°	207.1	230.1	251.9	273.7	296.0	319.8	344.0	365.7	383.3	399.0	413.9
55°	224.6	250.1	273.2	296.5	321.8	349.8	374.5	394.2	412.2	425.1	439.3
52.5°	241.3	268.6	292.8	318.8	347.8	376.8	401.4	420.5	435.6	449.1	462.9
50°	257.2	284.7	311.5	341.2	371.8	400.9	425.8	443.3	458.5	472.5	485.8
47.5°	271.7	300.2	330.6	362.2	394.2	422.9	446.8	464.7	480.5	494.8	509.5
45°	285.3	316.0	348.3	382.9	415.7	444.1	465.9	485.1	500.2	516.4	534.8
42.5°	298.3	331.1	366.2	403.0	436.5	462.6	483.6	502.0	519.5	539.0	559.4
40°	311.1	345.3	383.1	421.9	456.0	478.6	499.7	519.2	539.4	561.4	583.7
37.5°	323.1	359.7	399.0	439.5	470.4	493.8	515.6	537.4	560.0	583.7	611.4
35°	334.1	373.0	414.3	453.4	483.0	508.6	531.9	555.5	580.9	609.8	640.4
32.5°	344.7	385.1	428.4	465.1	494.6	521.9	547.6	574.3	603.3	635.2	670.2
30°	355.2	397.0	440.8	477.1	504.9	532.8	563.0	592.7	624.9	660.4	701.5
27.5°	365.4	408.0	451.2	486.5	513.9	542.2	574.7	610.8	646.0	684.9	732.5
25°	374.7	419.3	461.4	493.9	521.6	551.4	585.3	623.7	665.1	711.3	769.6
22.5°	383.5	429.5	471.1	500.2	528.1	559.3	595.8	636.4	681.5	735.0	806.2
20°	391.8	437.4	477.5	506.0	533.4	565.7	604.9	647.7	699.1	764.0	849.2
17.5°	399.0	444.2	482.0	510.8	539.0	572.3	612.6	657.2	715.0	789.6	890.4
15°	405.2	449.7	485.8	514.5	543.8	579.0	620.6	669.1	732.4	814.7	926.0
12.5°	410.2	453.9	489.0	517.1	547.5	584.0	627.3	680.6	749.8	842.0	973.9
10°	414.2	457.0	491.6	518.8	550.2	587.3	632.7	689.6	763.9	864.8	1015.0
7.5°	418.1	459.8	493.4	519.5	551.7	589.0	636.4	696.0	774.3	882.0	1047.8
5°	420.9	462.4	494.4	521.0	552.7	589.7	638.9	699.7	780.8	893.3	1071.0
2.5°	422.6	464.0	494.5	522.2	552.7	590.0	641.9	701.7	787.9	902.8	1084.1
0°	423.1	464.5	493.6	522.6	551.6	589.0	642.9	701.0	792.2	908.3	1086.7
-2.5°	422.6	464.0	494.5	522.2	552.7	590.0	641.9	701.7	787.9	902.8	1084.1
-5°	420.9	462.4	494.4	521.0	552.7	589.7	638.9	699.7	780.8	893.3	1071.0
-7.5°	418.1	459.8	493.4	519.5	551.7	589.0	636.4	696.0	774.3	882.0	1047.8
-10°	414.2	457.0	491.6	518.8	550.2	587.3	632.7	689.6	763.9	864.8	1015.0
-12.5°	410.2	453.9	489.0	517.1	547.5	584.0	627.3	680.6	749.8	842.0	973.9
-15°	405.2	449.7	485.8	514.5	543.8	579.0	620.6	669.1	732.4	814.7	926.0
-17.5°	399.0	444.2	482.0	510.8	539.0	572.3	612.6	657.2	715.0	789.6	890.4
-20°	391.8	437.4	477.5	506.0	533.4	565.7	604.9	647.7	699.1	764.0	849.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	383.5	429.5	471.1	500.2	528.1	559.3	595.8	636.4	681.5	735.0	806.2
-25°	374.7	419.3	461.4	493.9	521.6	551.4	585.3	623.7	665.1	711.3	769.6
-27.5°	365.4	408.0	451.2	486.5	513.9	542.2	574.7	610.8	646.0	684.9	732.5
-30°	355.2	397.0	440.8	477.1	504.9	532.8	563.0	592.7	624.9	660.4	701.5
-32.5°	344.7	385.1	428.4	465.1	494.6	521.9	547.6	574.3	603.3	635.2	670.2
-35°	334.1	373.0	414.3	453.4	483.0	508.6	531.9	555.5	580.9	609.8	640.4
-37.5°	323.1	359.7	399.0	439.5	470.4	493.8	515.6	537.4	560.0	583.7	611.4
-40°	311.1	345.3	383.1	421.9	456.0	478.6	499.7	519.2	539.4	561.4	583.7
-42.5°	298.3	331.1	366.2	403.0	436.5	462.6	483.6	502.0	519.5	539.0	559.4
-45°	285.3	316.0	348.3	382.9	415.7	444.1	465.9	485.1	500.2	516.4	534.8
-47.5°	271.7	300.2	330.6	362.2	394.2	422.9	446.8	464.7	480.5	494.8	509.5
-50°	257.2	284.7	311.5	341.2	371.8	400.9	425.8	443.3	458.5	472.5	485.8
-52.5°	241.3	268.6	292.8	318.8	347.8	376.8	401.4	420.5	435.6	449.1	462.9
-55°	224.6	250.1	273.2	296.5	321.8	349.8	374.5	394.2	412.2	425.1	439.3
-57.5°	207.1	230.1	251.9	273.7	296.0	319.8	344.0	365.7	383.3	399.0	413.9
-60°	189.1	209.6	229.2	249.3	269.7	290.7	312.6	333.9	352.8	369.1	382.6
-62.5°	170.6	188.8	206.4	223.9	242.2	260.7	279.8	299.8	320.5	335.4	348.3
-65°	151.3	167.6	183.5	199.0	214.1	230.9	247.3	263.2	280.6	296.7	310.7
-67.5°	131.6	146.1	160.4	174.2	187.7	201.5	215.4	229.6	243.3	256.4	269.1
-70°	113.0	124.6	136.9	149.1	161.0	172.5	184.2	196.0	207.9	219.5	230.5
-72.5°	94.5	104.6	114.3	123.8	134.3	144.6	154.1	162.7	172.5	183.2	193.1
-75°	77.1	84.5	92.6	100.6	108.9	117.4	125.6	133.5	141.3	149.2	157.1
-77.5°	60.5	67.0	72.9	78.3	84.2	91.2	98.0	104.6	110.9	116.8	122.5
-80°	44.5	49.5	54.7	59.4	64.0	68.5	72.9	77.1	81.1	85.4	89.9
-82.5°	29.3	33.1	36.8	40.4	43.9	47.3	50.6	53.7	56.7	59.6	62.3
-85°	15.3	16.6	19.0	21.5	23.8	26.0	28.2	30.3	32.3	34.2	36.1
-87.5°	7.7	8.3	8.9	9.5	10.1	10.7	11.2	11.7	12.2	12.7	13.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-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°	13.6	14.0	14.4	14.7	15.0	15.3	15.6	15.8	16.0	16.2	16.3
85°	37.8	39.4	40.9	42.3	43.6	43.9	44.0	43.9	43.6	44.2	44.7
82.5°	64.9	67.8	70.8	73.7	76.5	77.6	78.3	78.9	79.2	80.3	81.3
80°	94.2	98.8	103.1	106.9	110.2	112.7	114.8	116.9	118.7	119.6	120.0
77.5°	128.3	133.9	139.1	143.9	148.4	151.9	154.8	157.1	158.8	160.0	160.7
75°	165.0	172.1	178.4	184.2	189.5	193.3	195.9	197.8	199.1	200.5	201.6
72.5°	202.0	210.1	217.5	224.5	230.7	235.0	238.1	240.5	242.4	243.7	244.4
70°	241.0	250.5	258.8	265.8	271.4	275.6	278.8	281.5	283.5	284.9	285.6
67.5°	281.3	291.5	299.3	305.4	310.4	314.9	318.9	321.9	323.9	325.9	328.0
65°	322.4	332.8	340.7	347.3	352.5	358.2	363.4	367.3	369.9	372.2	374.6
62.5°	361.0	372.9	382.0	390.5	399.2	407.3	412.1	415.8	418.3	420.7	423.4
60°	396.1	409.5	420.7	431.1	441.7	452.3	456.6	460.1	463.3	466.3	469.1
57.5°	427.3	441.6	455.2	465.4	475.5	485.4	492.2	496.0	498.5	500.0	501.1
55°	454.5	468.7	482.3	494.1	505.0	515.2	522.8	526.5	529.2	531.0	532.0
52.5°	478.8	494.0	508.6	521.6	533.4	544.4	553.9	559.0	563.1	566.0	566.9
50°	502.7	519.2	534.8	548.8	562.6	575.7	587.8	594.8	599.8	602.8	603.8
47.5°	527.6	545.4	562.4	578.7	594.3	609.9	624.3	633.8	640.9	646.1	649.9
45°	553.5	572.8	591.6	610.7	628.7	648.8	667.0	680.9	691.2	700.1	707.3
42.5°	579.6	601.2	622.8	647.5	672.1	694.9	716.5	735.0	751.9	768.4	781.2
40°	608.0	631.7	661.2	690.5	720.8	747.4	778.9	807.1	833.0	861.0	884.1
37.5°	639.1	669.5	704.5	739.5	778.9	817.1	861.1	904.5	942.2	991.2	1030.6
35°	672.9	711.4	752.7	799.7	850.5	910.5	972.1	1044.4	1105.8	1183.7	1255.6
32.5°	710.5	755.9	809.4	874.1	942.6	1038.9	1129.3	1251.8	1356.5	1491.7	1639.4
30°	748.8	807.4	880.3	963.8	1079.8	1216.4	1375.6	1582.9	1807.0	2038.9	2351.0
27.5°	794.3	870.3	961.3	1090.2	1263.7	1452.8	1777.3	2127.8	2615.9	3002.3	3690.6
25°	843.2	937.3	1071.7	1258.6	1498.3	1881.0	2428.8	3063.1	4039.9	4908.7	5907.2
22.5°	901.1	1029.0	1206.9	1451.6	1869.5	2528.0	3383.0	4685.6	6133.6	7562.7	8868.9
20°	962.5	1116.9	1365.7	1764.2	2410.1	3362.2	4887.7	6749.0	8671.3	10629.9	12280.4
17.5°	1034.1	1243.8	1571.5	2100.9	3022.3	4652.5	6690.0	9056.7	11568.2	14067.4	16238.3
15°	1095.6	1354.8	1796.1	2588.9	3963.0	6002.0	8506.3	11495.4	14653.6	17897.1	21412.3
12.5°	1174.1	1488.5	2027.4	2992.4	4797.6	7447.9	10512.1	13982.5	17839.1	22145.6	27625.9
10°	1246.1	1628.7	2331.7	3638.9	5800.9	8798.5	12244.6	16181.9	21184.3	27655.9	34266.5
7.5°	1303.8	1739.9	2567.7	4143.4	6642.3	9952.3	13804.7	18525.3	24766.1	32472.3	40025.3
5°	1344.0	1817.0	2736.5	4524.6	7319.1	10834.1	14911.8	20252.8	27785.2	36414.8	44126.9
2.5°	1369.2	1859.2	2819.2	4750.9	7760.5	11364.8	15602.5	21350.6	29635.6	38924.5	46732.7
0°	1381.2	1866.4	2766.5	4861.1	7822.5	11327.2	15665.7	21717.1	30074.6	39606.0	47382.8
-2.5°	1369.2	1859.2	2819.2	4750.9	7760.5	11364.8	15602.5	21350.6	29635.6	38924.5	46732.7
-5°	1344.0	1817.0	2736.5	4524.6	7319.1	10834.1	14911.8	20252.8	27785.2	36414.8	44126.9
-7.5°	1303.8	1739.9	2567.7	4143.4	6642.3	9952.3	13804.7	18525.3	24766.1	32472.3	40025.3
-10°	1246.1	1628.7	2331.7	3638.9	5800.9	8798.5	12244.6	16181.9	21184.3	27655.9	34266.5
-12.5°	1174.1	1488.5	2027.4	2992.4	4797.6	7447.9	10512.1	13982.5	17839.1	22145.6	27625.9
-15°	1095.6	1354.8	1796.1	2588.9	3963.0	6002.0	8506.3	11495.4	14653.6	17897.1	21412.3
-17.5°	1034.1	1243.8	1571.5	2100.9	3022.3	4652.5	6690.0	9056.7	11568.2	14067.4	16238.3
-20°	962.5	1116.9	1365.7	1764.2	2410.1	3362.2	4887.7	6749.0	8671.3	10629.9	12280.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	901.1	1029.0	1206.9	1451.6	1869.5	2528.0	3383.0	4685.6	6133.6	7562.7	8868.9
-25°	843.2	937.3	1071.7	1258.6	1498.3	1881.0	2428.8	3063.1	4039.9	4908.7	5907.2
-27.5°	794.3	870.3	961.3	1090.2	1263.7	1452.8	1777.3	2127.8	2615.9	3002.3	3690.6
-30°	748.8	807.4	880.3	963.8	1079.8	1216.4	1375.6	1582.9	1807.0	2038.9	2351.0
-32.5°	710.5	755.9	809.4	874.1	942.6	1038.9	1129.3	1251.8	1356.5	1491.7	1639.4
-35°	672.9	711.4	752.7	799.7	850.5	910.5	972.1	1044.4	1105.8	1183.7	1255.6
-37.5°	639.1	669.5	704.5	739.5	778.9	817.1	861.1	904.5	942.2	991.2	1030.6
-40°	608.0	631.7	661.2	690.5	720.8	747.4	778.9	807.1	833.0	861.0	884.1
-42.5°	579.6	601.2	622.8	647.5	672.1	694.9	716.5	735.0	751.9	768.4	781.2
-45°	553.5	572.8	591.6	610.7	628.7	648.8	667.0	680.9	691.2	700.1	707.3
-47.5°	527.6	545.4	562.4	578.7	594.3	609.9	624.3	633.8	640.9	646.1	649.9
-50°	502.7	519.2	534.8	548.8	562.6	575.7	587.8	594.8	599.8	602.8	603.8
-52.5°	478.8	494.0	508.6	521.6	533.4	544.4	553.9	559.0	563.1	566.0	566.9
-55°	454.5	468.7	482.3	494.1	505.0	515.2	522.8	526.5	529.2	531.0	532.0
-57.5°	427.3	441.6	455.2	465.4	475.5	485.4	492.2	496.0	498.5	500.0	501.1
-60°	396.1	409.5	420.7	431.1	441.7	452.3	456.6	460.1	463.3	466.3	469.1
-62.5°	361.0	372.9	382.0	390.5	399.2	407.3	412.1	415.8	418.3	420.7	423.4
-65°	322.4	332.8	340.7	347.3	352.5	358.2	363.4	367.3	369.9	372.2	374.6
-67.5°	281.3	291.5	299.3	305.4	310.4	314.9	318.9	321.9	323.9	325.9	328.0
-70°	241.0	250.5	258.8	265.8	271.4	275.6	278.8	281.5	283.5	284.9	285.6
-72.5°	202.0	210.1	217.5	224.5	230.7	235.0	238.1	240.5	242.4	243.7	244.4
-75°	165.0	172.1	178.4	184.2	189.5	193.3	195.9	197.8	199.1	200.5	201.6
-77.5°	128.3	133.9	139.1	143.9	148.4	151.9	154.8	157.1	158.8	160.0	160.7
-80°	94.2	98.8	103.1	106.9	110.2	112.7	114.8	116.9	118.7	119.6	120.0
-82.5°	64.9	67.8	70.8	73.7	76.5	77.6	78.3	78.9	79.2	80.3	81.3
-85°	37.8	39.4	40.9	42.3	43.6	43.9	44.0	43.9	43.6	44.2	44.7
-87.5°	13.6	14.0	14.4	14.7	15.0	15.3	15.6	15.8	16.0	16.2	16.3
-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: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-750-U-MR-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°	16.5	16.5	16.6	16.6	16.6	16.5	16.5	16.3	16.2	16.0	15.8
85°	45.1	45.4	45.5	45.6	45.5	45.4	45.1	44.7	44.2	43.6	43.9
82.5°	82.0	82.6	82.9	83.0	82.9	82.6	82.0	81.3	80.3	79.2	78.9
80°	120.0	119.8	120.2	120.3	120.2	119.8	120.0	120.0	119.6	118.7	116.9
77.5°	161.1	161.0	161.6	161.8	161.6	161.0	161.1	160.7	160.0	158.8	157.1
75°	202.2	202.3	203.0	203.2	203.0	202.3	202.2	201.6	200.5	199.1	197.8
72.5°	244.4	243.8	244.4	244.7	244.4	243.8	244.4	244.4	243.7	242.4	240.5
70°	285.7	285.1	287.8	290.3	287.8	285.1	285.7	285.6	284.9	283.5	281.5
67.5°	329.5	330.3	333.3	336.0	333.3	330.3	329.5	328.0	325.9	323.9	321.9
65°	375.8	376.0	378.8	381.6	378.8	376.0	375.8	374.6	372.2	369.9	367.3
62.5°	425.0	425.5	428.5	431.4	428.5	425.5	425.0	423.4	420.7	418.3	415.8
60°	470.7	471.1	472.2	472.8	472.2	471.1	470.7	469.1	466.3	463.3	460.1
57.5°	501.5	501.1	501.5	501.9	501.5	501.1	501.5	501.1	500.0	498.5	496.0
55°	531.8	530.5	528.9	526.8	528.9	530.5	531.8	532.0	531.0	529.2	526.5
52.5°	566.2	564.0	562.0	559.9	562.0	564.0	566.2	566.9	566.0	563.1	559.0
50°	603.2	601.2	599.3	597.3	599.3	601.2	603.2	603.8	602.8	599.8	594.8
47.5°	652.4	653.3	652.9	651.2	652.9	653.3	652.4	649.9	646.1	640.9	633.8
45°	712.3	714.7	714.9	713.4	714.9	714.7	712.3	707.3	700.1	691.2	680.9
42.5°	790.3	795.6	798.5	800.5	798.5	795.6	790.3	781.2	768.4	751.9	735.0
40°	901.0	911.7	918.6	924.9	918.6	911.7	901.0	884.1	861.0	833.0	807.1
37.5°	1059.7	1079.2	1087.9	1082.5	1087.9	1079.2	1059.7	1030.6	991.2	942.2	904.5
35°	1310.9	1347.9	1367.1	1368.7	1367.1	1347.9	1310.9	1255.6	1183.7	1105.8	1044.4
32.5°	1748.5	1824.2	1864.8	1870.6	1864.8	1824.2	1748.5	1639.4	1491.7	1356.5	1251.8
30°	2590.0	2744.4	2816.9	2799.7	2816.9	2744.4	2590.0	2351.0	2038.9	1807.0	1582.9
27.5°	4225.6	4610.6	4838.8	4856.9	4838.8	4610.6	4225.6	3690.6	3002.3	2615.9	2127.8
25°	6791.5	7448.8	7869.6	7876.4	7869.6	7448.8	6791.5	5907.2	4908.7	4039.9	3063.1
22.5°	10076.8	10973.9	11465.4	11551.2	11465.4	10973.9	10076.8	8868.9	7562.7	6133.6	4685.6
20°	13882.8	15076.2	15714.7	15715.5	15714.7	15076.2	13882.8	12280.4	10629.9	8671.3	6749.0
17.5°	18570.1	20507.9	21724.4	22248.0	21724.4	20507.9	18570.1	16238.3	14067.4	11568.2	9056.7
15°	24797.3	28053.7	30005.0	30356.7	30005.0	28053.7	24797.3	21412.3	17897.1	14653.6	11495.4
12.5°	32379.6	36500.7	39270.9	40286.2	39270.9	36500.7	32379.6	27625.9	22145.6	17839.1	13982.5
10°	40296.1	44114.6	47082.3	48079.6	47082.3	44114.6	40296.1	34266.5	27655.9	21184.3	16181.9
7.5°	46015.2	50568.6	53911.5	55379.5	53911.5	50568.6	46015.2	40025.3	32472.3	24766.1	18525.3
5°	50529.9	55917.6	59029.5	60410.6	59029.5	55917.6	50529.9	44126.9	36414.8	27785.2	20252.8
2.5°	53492.1	58815.6	62110.9	63384.5	62110.9	58815.6	53492.1	46732.7	38924.5	29635.6	21350.6
0°	54599.7	59805.0	63061.0	64616.3	63061.0	59805.0	54599.7	47382.8	39606.0	30074.6	21717.1
-2.5°	53492.1	58815.6	62110.9	63384.5	62110.9	58815.6	53492.1	46732.7	38924.5	29635.6	21350.6
-5°	50529.9	55917.6	59029.5	60410.6	59029.5	55917.6	50529.9	44126.9	36414.8	27785.2	20252.8
-7.5°	46015.2	50568.6	53911.5	55379.5	53911.5	50568.6	46015.2	40025.3	32472.3	24766.1	18525.3
-10°	40296.1	44114.6	47082.3	48079.6	47082.3	44114.6	40296.1	34266.5	27655.9	21184.3	16181.9
-12.5°	32379.6	36500.7	39270.9	40286.2	39270.9	36500.7	32379.6	27625.9	22145.6	17839.1	13982.5
-15°	24797.3	28053.7	30005.0	30356.7	30005.0	28053.7	24797.3	21412.3	17897.1	14653.6	11495.4
-17.5°	18570.1	20507.9	21724.4	22248.0	21724.4	20507.9	18570.1	16238.3	14067.4	11568.2	9056.7
-20°	13882.8	15076.2	15714.7	15715.5	15714.7	15076.2	13882.8	12280.4	10629.9	8671.3	6749.0



REPORT NUMBER: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10076.8	10973.9	11465.4	11551.2	11465.4	10973.9	10076.8	8868.9	7562.7	6133.6	4685.6
-25°	6791.5	7448.8	7869.6	7876.4	7869.6	7448.8	6791.5	5907.2	4908.7	4039.9	3063.1
-27.5°	4225.6	4610.6	4838.8	4856.9	4838.8	4610.6	4225.6	3690.6	3002.3	2615.9	2127.8
-30°	2590.0	2744.4	2816.9	2799.7	2816.9	2744.4	2590.0	2351.0	2038.9	1807.0	1582.9
-32.5°	1748.5	1824.2	1864.8	1870.6	1864.8	1824.2	1748.5	1639.4	1491.7	1356.5	1251.8
-35°	1310.9	1347.9	1367.1	1368.7	1367.1	1347.9	1310.9	1255.6	1183.7	1105.8	1044.4
-37.5°	1059.7	1079.2	1087.9	1082.5	1087.9	1079.2	1059.7	1030.6	991.2	942.2	904.5
-40°	901.0	911.7	918.6	924.9	918.6	911.7	901.0	884.1	861.0	833.0	807.1
-42.5°	790.3	795.6	798.5	800.5	798.5	795.6	790.3	781.2	768.4	751.9	735.0
-45°	712.3	714.7	714.9	713.4	714.9	714.7	712.3	707.3	700.1	691.2	680.9
-47.5°	652.4	653.3	652.9	651.2	652.9	653.3	652.4	649.9	646.1	640.9	633.8
-50°	603.2	601.2	599.3	597.3	599.3	601.2	603.2	603.8	602.8	599.8	594.8
-52.5°	566.2	564.0	562.0	559.9	562.0	564.0	566.2	566.9	566.0	563.1	559.0
-55°	531.8	530.5	528.9	526.8	528.9	530.5	531.8	532.0	531.0	529.2	526.5
-57.5°	501.5	501.1	501.5	501.9	501.5	501.1	501.5	501.1	500.0	498.5	496.0
-60°	470.7	471.1	472.2	472.8	472.2	471.1	470.7	469.1	466.3	463.3	460.1
-62.5°	425.0	425.5	428.5	431.4	428.5	425.5	425.0	423.4	420.7	418.3	415.8
-65°	375.8	376.0	378.8	381.6	378.8	376.0	375.8	374.6	372.2	369.9	367.3
-67.5°	329.5	330.3	333.3	336.0	333.3	330.3	329.5	328.0	325.9	323.9	321.9
-70°	285.7	285.1	287.8	290.3	287.8	285.1	285.7	285.6	284.9	283.5	281.5
-72.5°	244.4	243.8	244.4	244.7	244.4	243.8	244.4	244.4	243.7	242.4	240.5
-75°	202.2	202.3	203.0	203.2	203.0	202.3	202.2	201.6	200.5	199.1	197.8
-77.5°	161.1	161.0	161.6	161.8	161.6	161.0	161.1	160.7	160.0	158.8	157.1
-80°	120.0	119.8	120.2	120.3	120.2	119.8	120.0	120.0	119.6	118.7	116.9
-82.5°	82.0	82.6	82.9	83.0	82.9	82.6	82.0	81.3	80.3	79.2	78.9
-85°	45.1	45.4	45.5	45.6	45.5	45.4	45.1	44.7	44.2	43.6	43.9
-87.5°	16.5	16.5	16.6	16.6	16.6	16.5	16.5	16.3	16.2	16.0	15.8
-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: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-750-U-MR-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°	15.6	15.3	15.0	14.7	14.4	14.0	13.6	13.2	12.7	12.2	11.7
85°	44.0	43.9	43.6	42.3	40.9	39.4	37.8	36.1	34.2	32.3	30.3
82.5°	78.3	77.6	76.5	73.7	70.8	67.8	64.9	62.3	59.6	56.7	53.7
80°	114.8	112.7	110.2	106.9	103.1	98.8	94.2	89.9	85.4	81.1	77.1
77.5°	154.8	151.9	148.4	143.9	139.1	133.9	128.3	122.5	116.8	110.9	104.6
75°	195.9	193.3	189.5	184.2	178.4	172.1	165.0	157.1	149.2	141.3	133.5
72.5°	238.1	235.0	230.7	224.5	217.5	210.1	202.0	193.1	183.2	172.5	162.7
70°	278.8	275.6	271.4	265.8	258.8	250.5	241.0	230.5	219.5	207.9	196.0
67.5°	318.9	314.9	310.4	305.4	299.3	291.5	281.3	269.1	256.4	243.3	229.6
65°	363.4	358.2	352.5	347.3	340.7	332.8	322.4	310.7	296.7	280.6	263.2
62.5°	412.1	407.3	399.2	390.5	382.0	372.9	361.0	348.3	335.4	320.5	299.8
60°	456.6	452.3	441.7	431.1	420.7	409.5	396.1	382.6	369.1	352.8	333.9
57.5°	492.2	485.4	475.5	465.4	455.2	441.6	427.3	413.9	399.0	383.3	365.7
55°	522.8	515.2	505.0	494.1	482.3	468.7	454.5	439.3	425.1	412.2	394.2
52.5°	553.9	544.4	533.4	521.6	508.6	494.0	478.8	462.9	449.1	435.6	420.5
50°	587.8	575.7	562.6	548.8	534.8	519.2	502.7	485.8	472.5	458.5	443.3
47.5°	624.3	609.9	594.3	578.7	562.4	545.4	527.6	509.5	494.8	480.5	464.7
45°	667.0	648.8	628.7	610.7	591.6	572.8	553.5	534.8	516.4	500.2	485.1
42.5°	716.5	694.9	672.1	647.5	622.8	601.2	579.6	559.4	539.0	519.5	502.0
40°	778.9	747.4	720.8	690.5	661.2	631.7	608.0	583.7	561.4	539.4	519.2
37.5°	861.1	817.1	778.9	739.5	704.5	669.5	639.1	611.4	583.7	560.0	537.4
35°	972.1	910.5	850.5	799.7	752.7	711.4	672.9	640.4	609.8	580.9	555.5
32.5°	1129.3	1038.9	942.6	874.1	809.4	755.9	710.5	670.2	635.2	603.3	574.3
30°	1375.6	1216.4	1079.8	963.8	880.3	807.4	748.8	701.5	660.4	624.9	592.7
27.5°	1777.3	1452.8	1263.7	1090.2	961.3	870.3	794.3	732.5	684.9	646.0	610.8
25°	2428.8	1881.0	1498.3	1258.6	1071.7	937.3	843.2	769.6	711.3	665.1	623.7
22.5°	3383.0	2528.0	1869.5	1451.6	1206.9	1029.0	901.1	806.2	735.0	681.5	636.4
20°	4887.7	3362.2	2410.1	1764.2	1365.7	1116.9	962.5	849.2	764.0	699.1	647.7
17.5°	6690.0	4652.5	3022.3	2100.9	1571.5	1243.8	1034.1	890.4	789.6	715.0	657.2
15°	8506.3	6002.0	3963.0	2588.9	1796.1	1354.8	1095.6	926.0	814.7	732.4	669.1
12.5°	10512.1	7447.9	4797.6	2992.4	2027.4	1488.5	1174.1	973.9	842.0	749.8	680.6
10°	12244.6	8798.5	5800.9	3638.9	2331.7	1628.7	1246.1	1015.0	864.8	763.9	689.6
7.5°	13804.7	9952.3	6642.3	4143.4	2567.7	1739.9	1303.8	1047.8	882.0	774.3	696.0
5°	14911.8	10834.1	7319.1	4524.6	2736.5	1817.0	1344.0	1071.0	893.3	780.8	699.7
2.5°	15602.5	11364.8	7760.5	4750.9	2819.2	1859.2	1369.2	1084.1	902.8	787.9	701.7
0°	15665.7	11327.2	7822.5	4861.1	2766.5	1866.4	1381.2	1086.7	908.3	792.2	701.0
-2.5°	15602.5	11364.8	7760.5	4750.9	2819.2	1859.2	1369.2	1084.1	902.8	787.9	701.7
-5°	14911.8	10834.1	7319.1	4524.6	2736.5	1817.0	1344.0	1071.0	893.3	780.8	699.7
-7.5°	13804.7	9952.3	6642.3	4143.4	2567.7	1739.9	1303.8	1047.8	882.0	774.3	696.0
-10°	12244.6	8798.5	5800.9	3638.9	2331.7	1628.7	1246.1	1015.0	864.8	763.9	689.6
-12.5°	10512.1	7447.9	4797.6	2992.4	2027.4	1488.5	1174.1	973.9	842.0	749.8	680.6
-15°	8506.3	6002.0	3963.0	2588.9	1796.1	1354.8	1095.6	926.0	814.7	732.4	669.1
-17.5°	6690.0	4652.5	3022.3	2100.9	1571.5	1243.8	1034.1	890.4	789.6	715.0	657.2
-20°	4887.7	3362.2	2410.1	1764.2	1365.7	1116.9	962.5	849.2	764.0	699.1	647.7



REPORT NUMBER: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3383.0	2528.0	1869.5	1451.6	1206.9	1029.0	901.1	806.2	735.0	681.5	636.4
-25°	2428.8	1881.0	1498.3	1258.6	1071.7	937.3	843.2	769.6	711.3	665.1	623.7
-27.5°	1777.3	1452.8	1263.7	1090.2	961.3	870.3	794.3	732.5	684.9	646.0	610.8
-30°	1375.6	1216.4	1079.8	963.8	880.3	807.4	748.8	701.5	660.4	624.9	592.7
-32.5°	1129.3	1038.9	942.6	874.1	809.4	755.9	710.5	670.2	635.2	603.3	574.3
-35°	972.1	910.5	850.5	799.7	752.7	711.4	672.9	640.4	609.8	580.9	555.5
-37.5°	861.1	817.1	778.9	739.5	704.5	669.5	639.1	611.4	583.7	560.0	537.4
-40°	778.9	747.4	720.8	690.5	661.2	631.7	608.0	583.7	561.4	539.4	519.2
-42.5°	716.5	694.9	672.1	647.5	622.8	601.2	579.6	559.4	539.0	519.5	502.0
-45°	667.0	648.8	628.7	610.7	591.6	572.8	553.5	534.8	516.4	500.2	485.1
-47.5°	624.3	609.9	594.3	578.7	562.4	545.4	527.6	509.5	494.8	480.5	464.7
-50°	587.8	575.7	562.6	548.8	534.8	519.2	502.7	485.8	472.5	458.5	443.3
-52.5°	553.9	544.4	533.4	521.6	508.6	494.0	478.8	462.9	449.1	435.6	420.5
-55°	522.8	515.2	505.0	494.1	482.3	468.7	454.5	439.3	425.1	412.2	394.2
-57.5°	492.2	485.4	475.5	465.4	455.2	441.6	427.3	413.9	399.0	383.3	365.7
-60°	456.6	452.3	441.7	431.1	420.7	409.5	396.1	382.6	369.1	352.8	333.9
-62.5°	412.1	407.3	399.2	390.5	382.0	372.9	361.0	348.3	335.4	320.5	299.8
-65°	363.4	358.2	352.5	347.3	340.7	332.8	322.4	310.7	296.7	280.6	263.2
-67.5°	318.9	314.9	310.4	305.4	299.3	291.5	281.3	269.1	256.4	243.3	229.6
-70°	278.8	275.6	271.4	265.8	258.8	250.5	241.0	230.5	219.5	207.9	196.0
-72.5°	238.1	235.0	230.7	224.5	217.5	210.1	202.0	193.1	183.2	172.5	162.7
-75°	195.9	193.3	189.5	184.2	178.4	172.1	165.0	157.1	149.2	141.3	133.5
-77.5°	154.8	151.9	148.4	143.9	139.1	133.9	128.3	122.5	116.8	110.9	104.6
-80°	114.8	112.7	110.2	106.9	103.1	98.8	94.2	89.9	85.4	81.1	77.1
-82.5°	78.3	77.6	76.5	73.7	70.8	67.8	64.9	62.3	59.6	56.7	53.7
-85°	44.0	43.9	43.6	42.3	40.9	39.4	37.8	36.1	34.2	32.3	30.3
-87.5°	15.6	15.3	15.0	14.7	14.4	14.0	13.6	13.2	12.7	12.2	11.7
-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: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-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°	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.0	6.4	5.7	5.0
85°	28.2	26.0	23.8	21.5	19.0	16.6	15.3	14.0	12.7	11.3	10.0
82.5°	50.6	47.3	43.9	40.4	36.8	33.1	29.3	25.4	21.3	17.3	14.9
80°	72.9	68.5	64.0	59.4	54.7	49.5	44.5	39.2	33.4	27.8	22.5
77.5°	98.0	91.2	84.2	78.3	72.9	67.0	60.5	53.3	45.4	38.2	31.3
75°	125.6	117.4	108.9	100.6	92.6	84.5	77.1	68.6	58.7	48.6	40.0
72.5°	154.1	144.6	134.3	123.8	114.3	104.6	94.5	83.7	72.4	60.8	49.1
70°	184.2	172.5	161.0	149.1	136.9	124.6	113.0	100.0	85.9	72.9	59.7
67.5°	215.4	201.5	187.7	174.2	160.4	146.1	131.6	116.4	100.7	84.8	70.2
65°	247.3	230.9	214.1	199.0	183.5	167.6	151.3	132.9	115.3	97.8	80.4
62.5°	279.8	260.7	242.2	223.9	206.4	188.8	170.6	149.9	129.7	110.5	91.2
60°	312.6	290.7	269.7	249.3	229.2	209.6	189.1	166.4	144.3	122.9	102.1
57.5°	344.0	319.8	296.0	273.7	251.9	230.1	207.1	182.7	158.5	135.2	112.7
55°	374.5	349.8	321.8	296.5	273.2	250.1	224.6	198.7	172.3	147.2	123.1
52.5°	401.4	376.8	347.8	318.8	292.8	268.6	241.3	214.2	186.3	158.7	133.1
50°	425.8	400.9	371.8	341.2	311.5	284.7	257.2	228.6	199.8	170.0	142.8
47.5°	446.8	422.9	394.2	362.2	330.6	300.2	271.7	242.2	212.8	181.6	152.2
45°	465.9	444.1	415.7	382.9	348.3	316.0	285.3	255.1	224.4	192.8	161.2
42.5°	483.6	462.6	436.5	403.0	366.2	331.1	298.3	267.0	235.2	203.4	170.2
40°	499.7	478.6	456.0	421.9	383.1	345.3	311.1	278.2	245.4	213.1	178.9
37.5°	515.6	493.8	470.4	439.5	399.0	359.7	323.1	288.7	255.2	221.8	187.0
35°	531.9	508.6	483.0	453.4	414.3	373.0	334.1	298.7	264.4	229.9	194.7
32.5°	547.6	521.9	494.6	465.1	428.4	385.1	344.7	308.4	273.0	237.5	201.7
30°	563.0	532.8	504.9	477.1	440.8	397.0	355.2	317.3	281.0	244.6	208.1
27.5°	574.7	542.2	513.9	486.5	451.2	408.0	365.4	325.6	288.4	251.1	213.7
25°	585.3	551.4	521.6	493.9	461.4	419.3	374.7	333.2	295.2	257.1	218.9
22.5°	595.8	559.3	528.1	500.2	471.1	429.5	383.5	340.7	301.2	262.4	223.5
20°	604.9	565.7	533.4	506.0	477.5	437.4	391.8	347.5	306.6	267.1	227.6
17.5°	612.6	572.3	539.0	510.8	482.0	444.2	399.0	353.3	311.3	271.3	231.2
15°	620.6	579.0	543.8	514.5	485.8	449.7	405.2	358.3	315.2	274.7	234.5
12.5°	627.3	584.0	547.5	517.1	489.0	453.9	410.2	362.4	318.5	278.0	237.6
10°	632.7	587.3	550.2	518.8	491.6	457.0	414.2	366.2	322.3	280.9	240.1
7.5°	636.4	589.0	551.7	519.5	493.4	459.8	418.1	370.4	325.8	283.2	242.1
5°	638.9	589.7	552.7	521.0	494.4	462.4	420.9	373.6	328.5	284.9	243.6
2.5°	641.9	590.0	552.7	522.2	494.5	464.0	422.6	376.0	330.5	285.9	244.4
0°	642.9	589.0	551.6	522.6	493.6	464.5	423.1	377.4	331.8	286.2	244.7
-2.5°	641.9	590.0	552.7	522.2	494.5	464.0	422.6	376.0	330.5	285.9	244.4
-5°	638.9	589.7	552.7	521.0	494.4	462.4	420.9	373.6	328.5	284.9	243.6
-7.5°	636.4	589.0	551.7	519.5	493.4	459.8	418.1	370.4	325.8	283.2	242.1
-10°	632.7	587.3	550.2	518.8	491.6	457.0	414.2	366.2	322.3	280.9	240.1
-12.5°	627.3	584.0	547.5	517.1	489.0	453.9	410.2	362.4	318.5	278.0	237.6
-15°	620.6	579.0	543.8	514.5	485.8	449.7	405.2	358.3	315.2	274.7	234.5
-17.5°	612.6	572.3	539.0	510.8	482.0	444.2	399.0	353.3	311.3	271.3	231.2
-20°	604.9	565.7	533.4	506.0	477.5	437.4	391.8	347.5	306.6	267.1	227.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	595.8	559.3	528.1	500.2	471.1	429.5	383.5	340.7	301.2	262.4	223.5
-25°	585.3	551.4	521.6	493.9	461.4	419.3	374.7	333.2	295.2	257.1	218.9
-27.5°	574.7	542.2	513.9	486.5	451.2	408.0	365.4	325.6	288.4	251.1	213.7
-30°	563.0	532.8	504.9	477.1	440.8	397.0	355.2	317.3	281.0	244.6	208.1
-32.5°	547.6	521.9	494.6	465.1	428.4	385.1	344.7	308.4	273.0	237.5	201.7
-35°	531.9	508.6	483.0	453.4	414.3	373.0	334.1	298.7	264.4	229.9	194.7
-37.5°	515.6	493.8	470.4	439.5	399.0	359.7	323.1	288.7	255.2	221.8	187.0
-40°	499.7	478.6	456.0	421.9	383.1	345.3	311.1	278.2	245.4	213.1	178.9
-42.5°	483.6	462.6	436.5	403.0	366.2	331.1	298.3	267.0	235.2	203.4	170.2
-45°	465.9	444.1	415.7	382.9	348.3	316.0	285.3	255.1	224.4	192.8	161.2
-47.5°	446.8	422.9	394.2	362.2	330.6	300.2	271.7	242.2	212.8	181.6	152.2
-50°	425.8	400.9	371.8	341.2	311.5	284.7	257.2	228.6	199.8	170.0	142.8
-52.5°	401.4	376.8	347.8	318.8	292.8	268.6	241.3	214.2	186.3	158.7	133.1
-55°	374.5	349.8	321.8	296.5	273.2	250.1	224.6	198.7	172.3	147.2	123.1
-57.5°	344.0	319.8	296.0	273.7	251.9	230.1	207.1	182.7	158.5	135.2	112.7
-60°	312.6	290.7	269.7	249.3	229.2	209.6	189.1	166.4	144.3	122.9	102.1
-62.5°	279.8	260.7	242.2	223.9	206.4	188.8	170.6	149.9	129.7	110.5	91.2
-65°	247.3	230.9	214.1	199.0	183.5	167.6	151.3	132.9	115.3	97.8	80.4
-67.5°	215.4	201.5	187.7	174.2	160.4	146.1	131.6	116.4	100.7	84.8	70.2
-70°	184.2	172.5	161.0	149.1	136.9	124.6	113.0	100.0	85.9	72.9	59.7
-72.5°	154.1	144.6	134.3	123.8	114.3	104.6	94.5	83.7	72.4	60.8	49.1
-75°	125.6	117.4	108.9	100.6	92.6	84.5	77.1	68.6	58.7	48.6	40.0
-77.5°	98.0	91.2	84.2	78.3	72.9	67.0	60.5	53.3	45.4	38.2	31.3
-80°	72.9	68.5	64.0	59.4	54.7	49.5	44.5	39.2	33.4	27.8	22.5
-82.5°	50.6	47.3	43.9	40.4	36.8	33.1	29.3	25.4	21.3	17.3	14.9
-85°	28.2	26.0	23.8	21.5	19.0	16.6	15.3	14.0	12.7	11.3	10.0
-87.5°	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.0	6.4	5.7	5.0
-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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REPORT NUMBER: P627355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-750-U-MR-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°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
85°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
82.5°	12.9	10.7	8.6	6.5	4.3	2.2	0.0
80°	17.5	14.3	11.5	8.6	5.8	2.9	0.0
77.5°	24.9	18.7	14.3	10.7	7.2	3.6	0.0
75°	32.2	24.9	17.5	12.9	8.6	4.3	0.0
72.5°	39.4	30.9	22.3	14.9	10.0	5.0	0.0
70°	46.8	36.8	27.1	17.3	11.3	5.7	0.0
67.5°	55.8	42.7	31.8	20.8	12.7	6.4	0.0
65°	64.7	49.3	36.4	24.3	14.0	7.0	0.0
62.5°	73.5	56.6	40.9	27.7	15.3	7.7	0.0
60°	82.0	63.7	45.4	31.0	16.6	8.3	0.0
57.5°	91.0	70.7	50.9	34.2	18.7	8.9	0.0
55°	99.7	77.5	56.3	37.4	20.8	9.5	0.0
52.5°	108.2	84.1	61.6	40.5	22.9	10.1	0.0
50°	116.2	90.8	66.7	43.4	24.9	10.7	0.0
47.5°	124.0	97.2	71.6	46.5	26.8	11.2	0.0
45°	131.7	103.3	76.3	50.0	28.6	11.7	0.0
42.5°	139.1	109.1	80.8	53.4	30.3	12.2	0.0
40°	146.1	114.5	85.2	56.6	32.0	12.7	0.0
37.5°	152.7	119.7	89.3	59.6	33.6	13.2	0.0
35°	159.0	124.7	93.2	62.4	35.1	13.6	0.0
32.5°	165.0	129.6	96.8	64.9	36.5	14.0	0.0
30°	170.6	134.2	100.2	67.3	37.8	14.4	0.0
27.5°	175.7	138.4	103.2	69.4	39.0	14.7	0.0
25°	180.3	142.2	106.0	71.3	40.2	15.0	0.0
22.5°	184.4	145.7	108.5	73.0	41.2	15.3	0.0
20°	188.1	148.7	110.9	74.5	42.1	15.6	0.0
17.5°	191.4	151.3	113.0	75.8	42.9	15.8	0.0
15°	194.4	153.4	114.9	76.9	43.6	16.0	0.0
12.5°	197.0	155.1	116.5	77.7	44.2	16.2	0.0
10°	199.2	156.4	117.8	78.3	44.7	16.3	0.0
7.5°	200.9	157.3	118.9	78.7	45.1	16.5	0.0
5°	202.2	157.8	119.7	79.0	45.4	16.5	0.0
2.5°	202.9	157.9	120.1	79.0	45.5	16.6	0.0
0°	203.2	157.6	120.3	78.8	45.6	16.6	0.0
-2.5°	202.9	157.9	120.1	79.0	45.5	16.6	0.0
-5°	202.2	157.8	119.7	79.0	45.4	16.5	0.0
-7.5°	200.9	157.3	118.9	78.7	45.1	16.5	0.0
-10°	199.2	156.4	117.8	78.3	44.7	16.3	0.0
-12.5°	197.0	155.1	116.5	77.7	44.2	16.2	0.0
-15°	194.4	153.4	114.9	76.9	43.6	16.0	0.0
-17.5°	191.4	151.3	113.0	75.8	42.9	15.8	0.0
-20°	188.1	148.7	110.9	74.5	42.1	15.6	0.0

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CATALOG NUMBER: GFLD-SA4B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	184.4	145.7	108.5	73.0	41.2	15.3	0.0
-25°	180.3	142.2	106.0	71.3	40.2	15.0	0.0
-27.5°	175.7	138.4	103.2	69.4	39.0	14.7	0.0
-30°	170.6	134.2	100.2	67.3	37.8	14.4	0.0
-32.5°	165.0	129.6	96.8	64.9	36.5	14.0	0.0
-35°	159.0	124.7	93.2	62.4	35.1	13.6	0.0
-37.5°	152.7	119.7	89.3	59.6	33.6	13.2	0.0
-40°	146.1	114.5	85.2	56.6	32.0	12.7	0.0
-42.5°	139.1	109.1	80.8	53.4	30.3	12.2	0.0
-45°	131.7	103.3	76.3	50.0	28.6	11.7	0.0
-47.5°	124.0	97.2	71.6	46.5	26.8	11.2	0.0
-50°	116.2	90.8	66.7	43.4	24.9	10.7	0.0
-52.5°	108.2	84.1	61.6	40.5	22.9	10.1	0.0
-55°	99.7	77.5	56.3	37.4	20.8	9.5	0.0
-57.5°	91.0	70.7	50.9	34.2	18.7	8.9	0.0
-60°	82.0	63.7	45.4	31.0	16.6	8.3	0.0
-62.5°	73.5	56.6	40.9	27.7	15.3	7.7	0.0
-65°	64.7	49.3	36.4	24.3	14.0	7.0	0.0
-67.5°	55.8	42.7	31.8	20.8	12.7	6.4	0.0
-70°	46.8	36.8	27.1	17.3	11.3	5.7	0.0
-72.5°	39.4	30.9	22.3	14.9	10.0	5.0	0.0
-75°	32.2	24.9	17.5	12.9	8.6	4.3	0.0
-77.5°	24.9	18.7	14.3	10.7	7.2	3.6	0.0
-80°	17.5	14.3	11.5	8.6	5.8	2.9	0.0
-82.5°	12.9	10.7	8.6	6.5	4.3	2.2	0.0
-85°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
-87.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)