

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: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626827 (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-SA2B-722-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N35
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

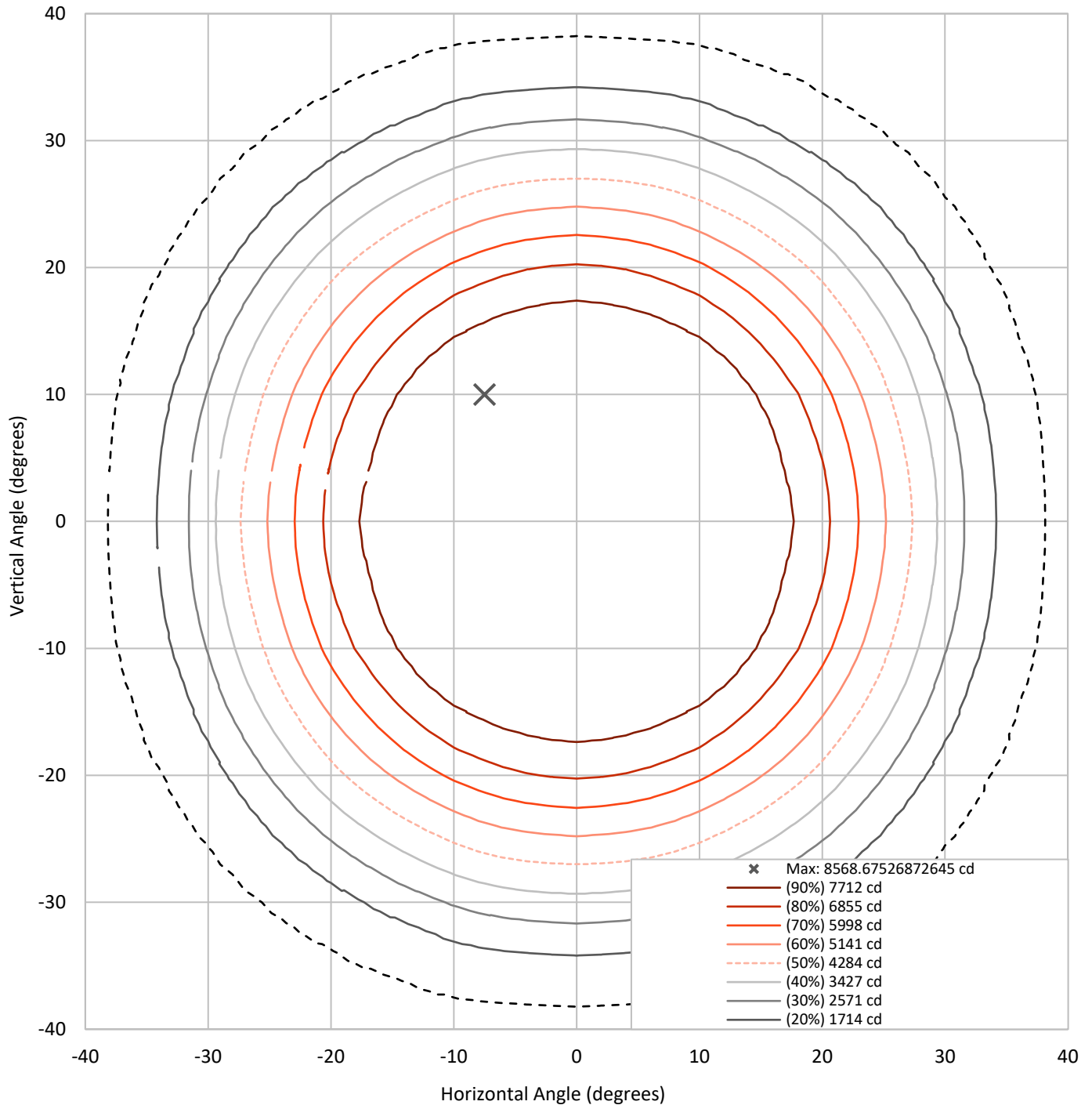
Summary

Lumens per Lamp: N/A	NEMA Type: 5H x 5V
Luminaire Lumens: 7292.8 lumens	Max Intensity: 8568.7 candela
Efficiency: N/A	Max Intensity Angle: -7.5°H x 10°V
Efficacy: 114.7 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 51°H x 52.3°V	Field Angle (10%): 74.5°H x 75.5°V
Beam Lumens: 4840.5 lumens	Field Lumens: 6294 lumens
Beam Efficiency: 66.4%	Field Efficiency: 86.3%
Input Watts (W): 63.6	
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





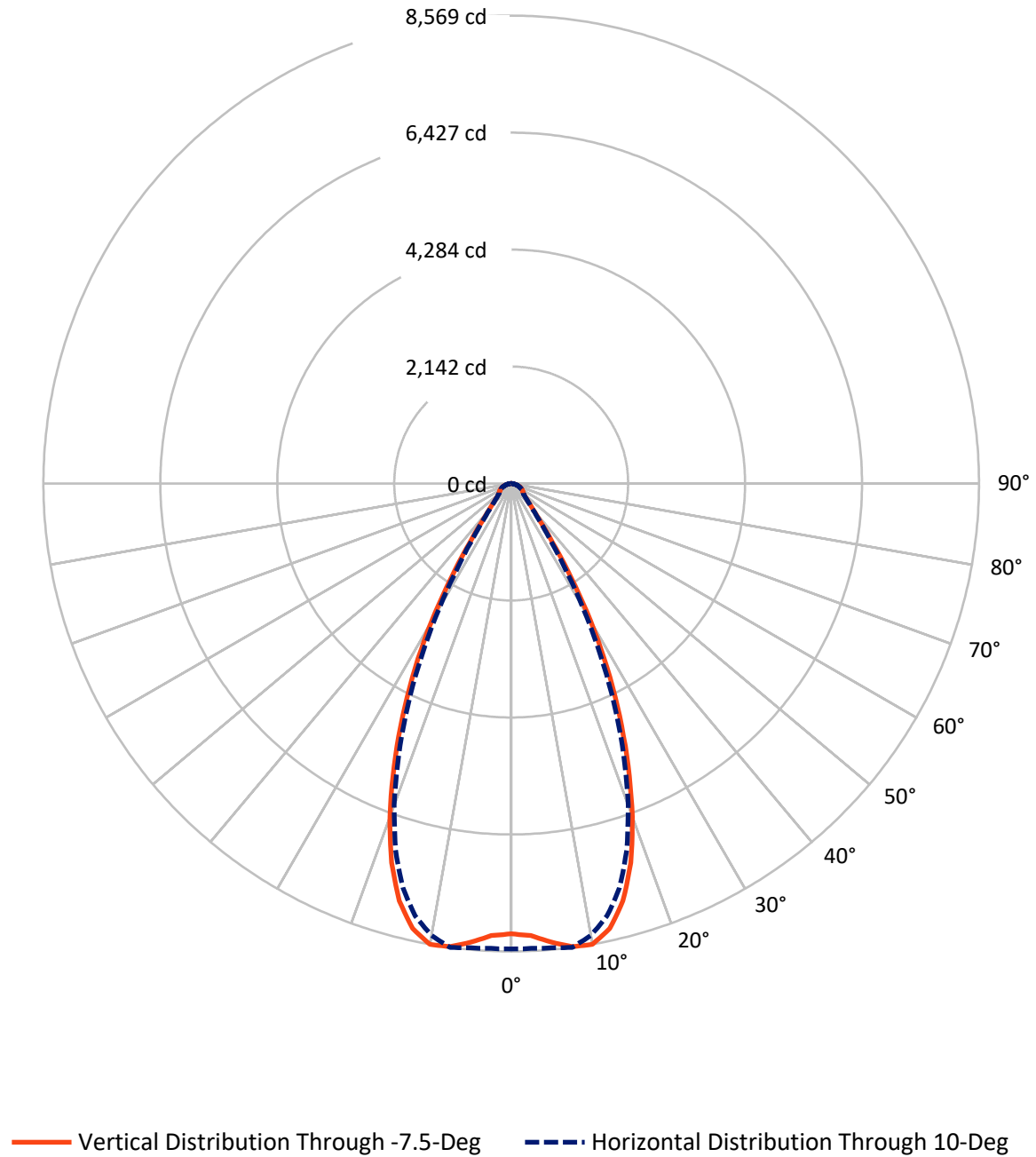
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Lumen Table

90	0.2	1.7	4.6	7.2	8.1	7.2	4.6	1.7	0.2							
80	0.2	1.7	4.6	7.2	8.1	7.2	4.6	1.7	0.2							
70	0.8	0.9	1.8	2.9	4.1	5.0	5.6	5.9	5.9	5.6	5.0	4.1	2.9	1.8	0.9	0.8
60		1.3	2.6	4.2	5.6	6.8	7.6	7.9	7.9	7.6	6.8	5.6	4.2	2.6	1.3	
50	1.4	1.7	3.3	5.1	6.8	8.9	11.2	12.9	12.9	11.2	8.9	6.8	5.1	3.3	1.7	1.4
40		2.0	3.9	5.9	9.1	16.6	31.7	47.0	47.0	31.7	16.6	9.1	5.9	3.9	2.0	
30	1.8	2.2	4.2	6.9	14.9	46.8	105.0	146.7	146.7	105.0	46.8	14.9	6.9	4.2	2.2	1.8
20		2.4	4.4	8.1	27.0	99.8	190.6	238.5	238.5	190.6	99.8	27.0	8.1	4.4	2.4	
10	1.9	2.5	4.6	9.2	38.9	136.6	231.2	251.6	251.6	231.2	136.6	38.9	9.2	4.6	2.5	1.9
0		2.5	4.6	9.2	38.9	136.6	231.2	251.6	251.6	231.2	136.6	38.9	9.2	4.6	2.5	
-10	1.8	2.4	4.4	8.1	27.0	99.8	190.6	238.5	238.5	190.6	99.8	27.0	8.1	4.4	2.4	1.8
-20		2.2	4.2	6.9	14.9	46.8	105.0	146.7	146.7	105.0	46.8	14.9	6.9	4.2	2.2	
-30	1.4	2.0	3.9	5.9	9.1	16.6	31.7	47.0	47.0	31.7	16.6	9.1	5.9	3.9	2.0	1.4
-40		1.7	3.3	5.1	6.8	8.9	11.2	12.9	12.9	11.2	8.9	6.8	5.1	3.3	1.7	
-50	0.8	1.3	2.6	4.2	5.6	6.8	7.6	7.9	7.9	7.6	6.8	5.6	4.2	2.6	1.3	0.8
-60		0.9	1.8	2.9	4.1	5.0	5.6	5.9	5.9	5.6	5.0	4.1	2.9	1.8	0.9	
-70	0.2	1.7	4.6	7.2	8.1	7.2	4.6	1.7	0.2							
-80		0.2	1.7	4.6	7.2	8.1	7.2	4.6	1.7	0.2						
-90	0.2	1.7	4.6	7.2	8.1	7.2	4.6	1.7	0.2							

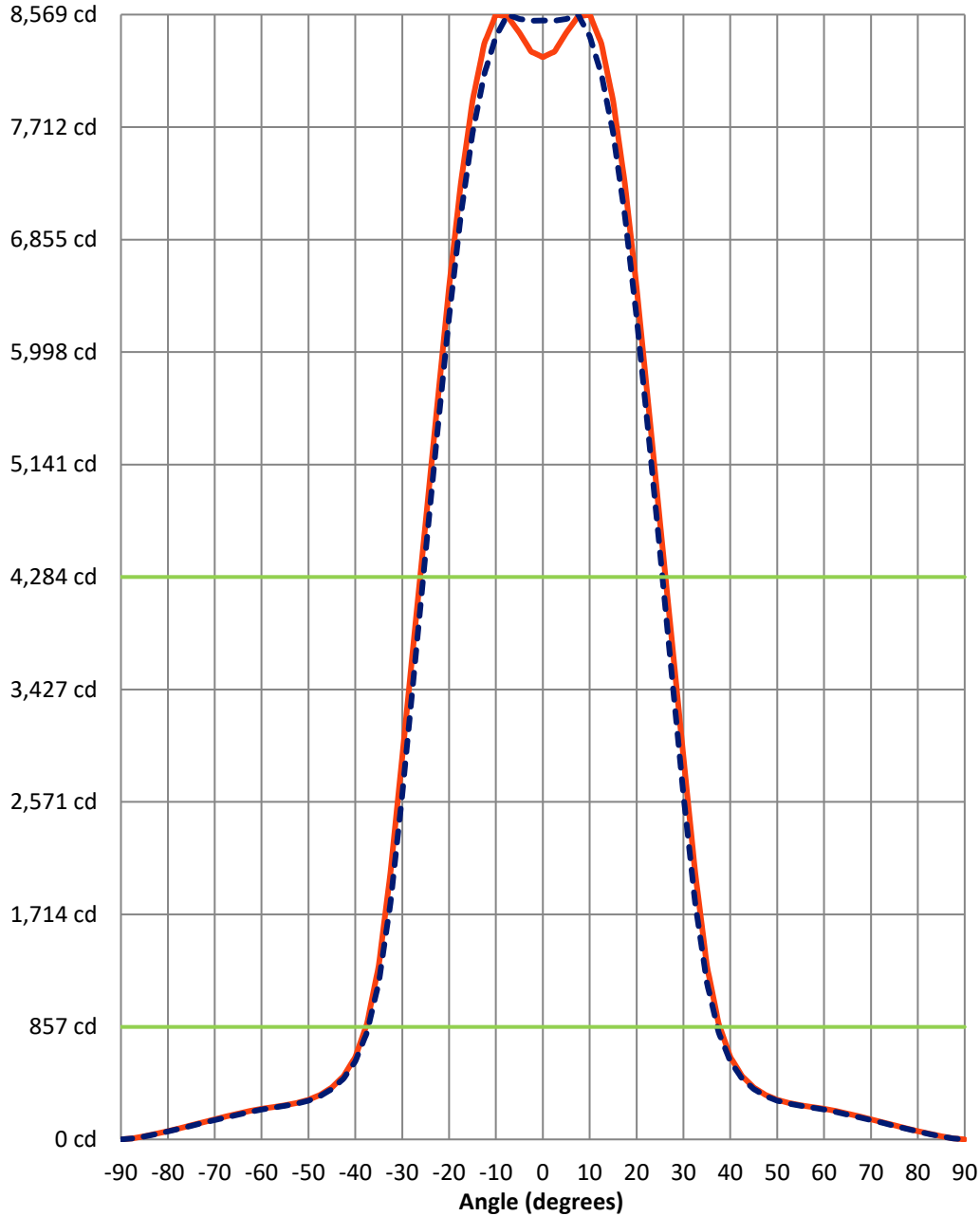
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4840.5
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 6294
 Efficiency: 86.3%

Spill:
 Lumens: 998.7
 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	0.3	0.7	1.0	1.3	1.6	1.9	2.4	2.8	3.3	3.8
85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.6	6.6	7.6
82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	7.1	8.6	10.8	13.0
80°	0.0	1.3	2.6	3.9	5.2	6.5	8.0	11.0	13.9	16.7	19.2
77.5°	0.0	1.6	3.2	4.9	6.5	8.7	12.2	15.8	19.2	22.5	25.9
75°	0.0	1.9	3.9	5.8	8.0	12.2	16.4	20.5	24.6	29.3	34.0
72.5°	0.0	2.3	4.5	6.7	10.8	15.6	20.5	25.5	31.0	36.5	41.9
70°	0.0	2.6	5.1	7.9	13.5	19.0	24.6	31.0	37.4	43.7	50.2
67.5°	0.0	2.9	5.7	9.9	16.1	22.4	29.3	36.5	43.7	51.0	58.5
65°	0.0	3.2	6.3	11.9	18.8	25.9	33.9	41.9	50.0	58.2	66.9
62.5°	0.0	3.5	6.9	13.8	21.4	29.6	38.4	47.3	56.2	65.4	76.0
60°	0.0	3.7	7.5	15.7	23.9	33.2	42.7	52.5	62.2	73.3	84.8
57.5°	0.0	4.0	8.7	17.5	26.6	36.6	47.1	57.5	68.7	80.9	93.1
55°	0.0	4.3	9.9	19.3	29.3	40.0	51.4	62.5	75.2	88.2	101.0
52.5°	0.0	4.6	11.0	21.1	31.9	43.3	55.5	67.9	81.5	95.2	108.8
50°	0.0	4.8	12.1	22.8	34.4	46.7	59.6	73.2	87.5	101.9	116.3
47.5°	0.0	5.1	13.1	24.4	36.8	50.0	63.6	78.3	93.2	108.4	123.5
45°	0.0	5.3	14.1	26.1	39.0	53.2	67.8	83.2	98.8	114.7	130.5
42.5°	0.0	5.5	15.1	27.8	41.2	56.3	71.7	87.8	104.1	120.7	137.0
40°	0.0	5.7	16.0	29.3	43.4	59.3	75.5	92.2	109.2	126.4	143.4
37.5°	0.0	5.9	16.8	30.7	45.7	62.1	79.0	96.3	114.1	131.9	149.5
35°	0.0	6.1	17.6	32.0	47.8	64.8	82.3	100.1	118.7	137.1	155.1
32.5°	0.0	6.3	18.3	33.2	49.8	67.4	85.4	103.7	123.1	141.9	160.1
30°	0.0	6.5	19.0	34.4	51.7	69.8	88.3	107.1	127.3	146.3	164.8
27.5°	0.0	6.7	19.6	35.4	53.3	72.0	90.9	110.4	131.1	150.4	169.1
25°	0.0	6.8	20.2	36.4	54.8	74.1	93.3	113.5	134.4	153.9	173.0
22.5°	0.0	6.9	20.7	37.2	56.2	75.8	95.4	116.3	137.3	157.1	176.6
20°	0.0	7.0	21.1	38.0	57.4	77.4	97.3	118.8	139.9	160.0	179.7
17.5°	0.0	7.2	21.5	38.7	58.5	78.7	99.0	121.1	142.2	162.4	182.5
15°	0.0	7.2	21.8	39.2	59.4	79.9	100.5	123.1	144.1	164.6	184.9
12.5°	0.0	7.3	22.1	39.7	60.1	80.8	101.9	124.9	145.9	166.3	186.8
10°	0.0	7.4	22.3	40.1	60.7	81.5	103.0	126.4	147.3	168.0	188.5
7.5°	0.0	7.4	22.4	40.3	61.2	82.1	103.8	127.5	148.5	169.3	190.0
5°	0.0	7.5	22.5	40.5	61.4	82.4	104.5	128.3	149.3	170.2	191.1
2.5°	0.0	7.5	22.5	40.5	61.6	82.6	104.9	128.8	149.8	170.8	191.7
0°	0.0	7.5	22.5	40.5	61.5	82.5	105.0	129.0	150.0	171.0	191.9
-2.5°	0.0	7.5	22.5	40.5	61.6	82.6	104.9	128.8	149.8	170.8	191.7
-5°	0.0	7.5	22.5	40.5	61.4	82.4	104.5	128.3	149.3	170.2	191.1
-7.5°	0.0	7.4	22.4	40.3	61.2	82.1	103.8	127.5	148.5	169.3	190.0
-10°	0.0	7.4	22.3	40.1	60.7	81.5	103.0	126.4	147.3	168.0	188.5
-12.5°	0.0	7.3	22.1	39.7	60.1	80.8	101.9	124.9	145.9	166.3	186.8
-15°	0.0	7.2	21.8	39.2	59.4	79.9	100.5	123.1	144.1	164.6	184.9
-17.5°	0.0	7.2	21.5	38.7	58.5	78.7	99.0	121.1	142.2	162.4	182.5
-20°	0.0	7.0	21.1	38.0	57.4	77.4	97.3	118.8	139.9	160.0	179.7

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Scaled Data Report



REPORT NUMBER: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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	6.9	20.7	37.2	56.2	75.8	95.4	116.3	137.3	157.1	176.6
-25°	0.0	6.8	20.2	36.4	54.8	74.1	93.3	113.5	134.4	153.9	173.0
-27.5°	0.0	6.7	19.6	35.4	53.3	72.0	90.9	110.4	131.1	150.4	169.1
-30°	0.0	6.5	19.0	34.4	51.7	69.8	88.3	107.1	127.3	146.3	164.8
-32.5°	0.0	6.3	18.3	33.2	49.8	67.4	85.4	103.7	123.1	141.9	160.1
-35°	0.0	6.1	17.6	32.0	47.8	64.8	82.3	100.1	118.7	137.1	155.1
-37.5°	0.0	5.9	16.8	30.7	45.7	62.1	79.0	96.3	114.1	131.9	149.5
-40°	0.0	5.7	16.0	29.3	43.4	59.3	75.5	92.2	109.2	126.4	143.4
-42.5°	0.0	5.5	15.1	27.8	41.2	56.3	71.7	87.8	104.1	120.7	137.0
-45°	0.0	5.3	14.1	26.1	39.0	53.2	67.8	83.2	98.8	114.7	130.5
-47.5°	0.0	5.1	13.1	24.4	36.8	50.0	63.6	78.3	93.2	108.4	123.5
-50°	0.0	4.8	12.1	22.8	34.4	46.7	59.6	73.2	87.5	101.9	116.3
-52.5°	0.0	4.6	11.0	21.1	31.9	43.3	55.5	67.9	81.5	95.2	108.8
-55°	0.0	4.3	9.9	19.3	29.3	40.0	51.4	62.5	75.2	88.2	101.0
-57.5°	0.0	4.0	8.7	17.5	26.6	36.6	47.1	57.5	68.7	80.9	93.1
-60°	0.0	3.7	7.5	15.7	23.9	33.2	42.7	52.5	62.2	73.3	84.8
-62.5°	0.0	3.5	6.9	13.8	21.4	29.6	38.4	47.3	56.2	65.4	76.0
-65°	0.0	3.2	6.3	11.9	18.8	25.9	33.9	41.9	50.0	58.2	66.9
-67.5°	0.0	2.9	5.7	9.9	16.1	22.4	29.3	36.5	43.7	51.0	58.5
-70°	0.0	2.6	5.1	7.9	13.5	19.0	24.6	31.0	37.4	43.7	50.2
-72.5°	0.0	2.3	4.5	6.7	10.8	15.6	20.5	25.5	31.0	36.5	41.9
-75°	0.0	1.9	3.9	5.8	8.0	12.2	16.4	20.5	24.6	29.3	34.0
-77.5°	0.0	1.6	3.2	4.9	6.5	8.7	12.2	15.8	19.2	22.5	25.9
-80°	0.0	1.3	2.6	3.9	5.2	6.5	8.0	11.0	13.9	16.7	19.2
-82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	7.1	8.6	10.8	13.0
-85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.6	6.6	7.6
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.4	2.8	3.3	3.8
-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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 CATALOG NUMBER: GFLD-SA2B-722-U-MWR-XX

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°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
85°	8.3	9.0	10.2	11.4	12.6	13.7	14.8	15.8	16.8	17.8	18.7
82.5°	14.9	16.8	18.8	20.8	22.6	24.3	25.9	27.6	29.3	31.0	32.7
80°	21.9	24.6	27.7	30.6	33.2	35.6	38.0	40.3	42.8	45.4	48.1
77.5°	29.9	33.8	37.4	40.8	44.1	47.7	51.1	54.4	57.9	61.3	64.6
75°	38.6	43.0	47.6	52.2	56.6	60.9	65.1	69.4	73.7	78.0	82.1
72.5°	47.5	53.1	58.6	63.9	69.4	74.8	80.0	85.0	90.1	95.4	100.4
70°	56.8	63.2	69.9	76.5	82.7	88.9	95.3	101.4	107.3	113.4	119.5
67.5°	66.2	74.2	81.8	89.0	96.3	103.7	110.8	118.1	125.2	132.3	139.1
65°	76.5	85.3	93.6	101.8	110.1	118.8	127.2	135.4	143.5	151.5	158.6
62.5°	86.6	95.9	105.1	114.5	124.4	134.1	143.3	152.7	162.2	170.5	177.6
60°	95.9	106.2	116.5	127.2	138.2	148.6	159.0	169.1	179.3	188.8	194.7
57.5°	104.9	116.3	127.7	139.2	150.8	162.4	173.2	184.4	193.9	201.9	208.7
55°	113.6	126.1	138.2	150.3	162.7	174.9	186.6	197.2	206.5	213.2	219.8
52.5°	122.2	135.2	147.8	160.9	174.0	186.9	199.2	209.1	216.7	223.6	229.7
50°	130.4	143.7	156.9	171.1	185.0	198.7	210.3	218.9	226.6	233.3	239.8
47.5°	138.1	152.0	166.2	181.0	195.7	208.9	219.6	228.6	236.5	243.7	251.3
45°	145.6	160.3	175.2	190.6	205.5	218.3	228.6	238.3	245.7	253.9	262.6
42.5°	152.8	168.3	183.9	199.7	214.9	226.8	237.1	246.0	254.7	264.4	274.9
40°	159.7	175.8	192.1	208.6	223.7	234.3	244.3	253.8	264.4	275.8	288.0
37.5°	166.1	182.8	199.7	216.9	230.2	241.1	251.4	261.9	274.2	287.5	304.1
35°	172.1	189.4	206.9	223.4	236.0	247.6	258.2	269.9	284.3	301.6	322.9
32.5°	177.7	195.4	213.5	228.6	241.3	253.4	264.3	278.9	296.2	316.8	347.0
30°	182.8	201.0	219.1	233.7	246.2	258.2	271.6	288.0	308.2	338.4	376.9
27.5°	187.6	206.0	223.5	238.0	250.5	262.9	278.5	298.5	325.1	361.0	409.0
25°	191.9	210.9	227.7	241.6	254.5	268.3	285.2	307.7	342.6	389.1	453.8
22.5°	195.9	215.2	231.8	244.7	258.2	273.2	292.9	321.0	361.3	415.5	499.1
20°	199.4	218.5	234.8	247.6	261.7	277.2	299.8	333.7	382.3	452.5	559.1
17.5°	202.5	221.4	237.1	250.4	265.0	281.8	306.5	344.7	400.9	484.8	619.8
15°	205.2	223.9	239.0	252.8	268.0	287.1	315.8	359.0	422.6	518.3	672.7
12.5°	207.4	225.9	240.6	254.8	270.4	291.5	323.8	372.5	445.0	559.5	750.7
10°	209.2	227.5	241.8	256.3	272.3	295.0	330.3	383.6	463.6	595.1	817.2
7.5°	210.8	228.7	242.6	257.4	273.6	297.6	335.2	392.1	477.9	623.1	869.8
5°	211.9	229.4	243.1	258.0	274.8	299.3	338.5	398.0	487.8	643.2	906.8
2.5°	212.7	229.6	243.2	258.2	275.6	300.1	340.3	401.3	495.5	652.6	926.7
0°	212.9	229.4	242.9	257.9	275.9	299.9	340.4	401.9	499.4	652.3	929.7
-2.5°	212.7	229.6	243.2	258.2	275.6	300.1	340.3	401.3	495.5	652.6	926.7
-5°	211.9	229.4	243.1	258.0	274.8	299.3	338.5	398.0	487.8	643.2	906.8
-7.5°	210.8	228.7	242.6	257.4	273.6	297.6	335.2	392.1	477.9	623.1	869.8
-10°	209.2	227.5	241.8	256.3	272.3	295.0	330.3	383.6	463.6	595.1	817.2
-12.5°	207.4	225.9	240.6	254.8	270.4	291.5	323.8	372.5	445.0	559.5	750.7
-15°	205.2	223.9	239.0	252.8	268.0	287.1	315.8	359.0	422.6	518.3	672.7
-17.5°	202.5	221.4	237.1	250.4	265.0	281.8	306.5	344.7	400.9	484.8	619.8
-20°	199.4	218.5	234.8	247.6	261.7	277.2	299.8	333.7	382.3	452.5	559.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	195.9	215.2	231.8	244.7	258.2	273.2	292.9	321.0	361.3	415.5	499.1
-25°	191.9	210.9	227.7	241.6	254.5	268.3	285.2	307.7	342.6	389.1	453.8
-27.5°	187.6	206.0	223.5	238.0	250.5	262.9	278.5	298.5	325.1	361.0	409.0
-30°	182.8	201.0	219.1	233.7	246.2	258.2	271.6	288.0	308.2	338.4	376.9
-32.5°	177.7	195.4	213.5	228.6	241.3	253.4	264.3	278.9	296.2	316.8	347.0
-35°	172.1	189.4	206.9	223.4	236.0	247.6	258.2	269.9	284.3	301.6	322.9
-37.5°	166.1	182.8	199.7	216.9	230.2	241.1	251.4	261.9	274.2	287.5	304.1
-40°	159.7	175.8	192.1	208.6	223.7	234.3	244.3	253.8	264.4	275.8	288.0
-42.5°	152.8	168.3	183.9	199.7	214.9	226.8	237.1	246.0	254.7	264.4	274.9
-45°	145.6	160.3	175.2	190.6	205.5	218.3	228.6	238.3	245.7	253.9	262.6
-47.5°	138.1	152.0	166.2	181.0	195.7	208.9	219.6	228.6	236.5	243.7	251.3
-50°	130.4	143.7	156.9	171.1	185.0	198.7	210.3	218.9	226.6	233.3	239.8
-52.5°	122.2	135.2	147.8	160.9	174.0	186.9	199.2	209.1	216.7	223.6	229.7
-55°	113.6	126.1	138.2	150.3	162.7	174.9	186.6	197.2	206.5	213.2	219.8
-57.5°	104.9	116.3	127.7	139.2	150.8	162.4	173.2	184.4	193.9	201.9	208.7
-60°	95.9	106.2	116.5	127.2	138.2	148.6	159.0	169.1	179.3	188.8	194.7
-62.5°	86.6	95.9	105.1	114.5	124.4	134.1	143.3	152.7	162.2	170.5	177.6
-65°	76.5	85.3	93.6	101.8	110.1	118.8	127.2	135.4	143.5	151.5	158.6
-67.5°	66.2	74.2	81.8	89.0	96.3	103.7	110.8	118.1	125.2	132.3	139.1
-70°	56.8	63.2	69.9	76.5	82.7	88.9	95.3	101.4	107.3	113.4	119.5
-72.5°	47.5	53.1	58.6	63.9	69.4	74.8	80.0	85.0	90.1	95.4	100.4
-75°	38.6	43.0	47.6	52.2	56.6	60.9	65.1	69.4	73.7	78.0	82.1
-77.5°	29.9	33.8	37.4	40.8	44.1	47.7	51.1	54.4	57.9	61.3	64.6
-80°	21.9	24.6	27.7	30.6	33.2	35.6	38.0	40.3	42.8	45.4	48.1
-82.5°	14.9	16.8	18.8	20.8	22.6	24.3	25.9	27.6	29.3	31.0	32.7
-85°	8.3	9.0	10.2	11.4	12.6	13.7	14.8	15.8	16.8	17.8	18.7
-87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
-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: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.4	8.1
85°	19.5	20.0	20.3	20.7	20.9	21.8	22.7	23.6	24.4	24.3	24.3
82.5°	34.4	35.5	36.4	37.3	38.0	39.1	40.1	40.9	41.6	42.2	42.6
80°	50.6	52.4	54.0	55.4	56.6	58.0	59.4	60.6	61.6	62.2	62.5
77.5°	67.8	70.4	72.8	75.0	77.1	79.2	81.2	82.9	84.3	84.7	84.6
75°	86.0	89.5	92.8	95.9	98.7	101.2	103.2	104.9	106.4	107.1	107.4
72.5°	105.2	109.5	113.4	116.9	119.9	122.4	124.6	126.5	128.1	129.1	129.7
70°	125.2	130.3	134.3	137.6	140.2	142.7	145.5	148.1	150.6	152.0	152.6
67.5°	145.3	150.6	154.2	157.2	159.6	162.0	165.6	168.7	171.6	173.5	174.7
65°	164.9	170.4	174.1	177.0	179.2	181.6	185.6	188.7	191.1	193.0	194.7
62.5°	184.2	189.8	193.9	197.3	200.5	203.2	206.4	209.1	211.1	213.0	215.1
60°	201.0	207.7	212.0	215.4	219.3	223.6	225.9	227.9	229.6	231.1	232.5
57.5°	214.7	220.7	226.2	230.4	234.4	238.3	241.2	243.0	244.5	245.6	246.1
55°	226.2	232.4	238.5	243.0	247.0	250.7	253.8	256.2	258.2	259.8	260.1
52.5°	236.5	243.4	249.5	254.7	260.0	264.3	267.7	270.9	273.8	276.1	277.1
50°	247.7	255.0	262.5	269.5	275.1	280.0	284.1	288.8	293.7	297.7	300.3
47.5°	259.5	267.8	276.9	285.5	292.2	299.5	306.3	313.2	322.3	330.0	335.6
45°	271.8	282.5	292.9	303.8	313.0	326.8	339.6	350.6	365.2	378.4	388.9
42.5°	286.4	299.7	312.4	329.9	348.2	367.1	387.4	404.8	427.6	450.8	469.6
40°	303.6	320.6	343.1	366.6	395.5	421.4	456.5	487.8	522.8	567.0	603.6
37.5°	324.3	350.6	381.8	414.6	459.7	502.7	560.7	621.8	677.3	762.4	834.1
35°	351.3	388.0	429.1	487.1	550.9	631.5	722.0	840.1	941.3	1085.0	1222.2
32.5°	386.0	433.3	500.4	589.8	684.0	830.5	974.1	1179.1	1369.0	1596.7	1842.4
30°	424.7	496.6	599.1	721.7	897.5	1113.0	1366.2	1681.1	2025.7	2345.7	2661.0
27.5°	480.7	583.6	718.3	916.2	1190.3	1491.7	1935.3	2362.8	2808.7	3205.2	3535.8
25°	546.0	682.1	890.4	1181.8	1552.4	2068.7	2599.6	3127.1	3606.8	4021.9	4387.2
22.5°	630.4	826.2	1103.9	1481.3	2058.4	2677.1	3299.7	3881.7	4393.3	4855.5	5250.9
20°	722.2	967.2	1363.8	1926.6	2586.6	3291.4	3994.4	4614.3	5177.7	5701.7	6147.4
17.5°	838.6	1181.6	1683.9	2359.0	3122.0	3894.3	4632.9	5305.6	5944.7	6499.2	6965.0
15°	937.7	1370.5	2026.0	2817.8	3643.1	4457.8	5237.5	5968.2	6632.6	7201.6	7639.4
12.5°	1070.0	1582.2	2329.8	3212.1	4106.5	4963.8	5785.1	6540.2	7216.4	7779.1	8120.0
10°	1195.1	1801.4	2623.3	3543.5	4472.8	5386.1	6263.0	7037.5	7665.3	8113.0	8403.4
7.5°	1301.4	1989.7	2862.1	3811.4	4763.7	5718.7	6606.2	7359.8	7938.7	8312.6	8514.7
5°	1380.8	2130.5	3039.4	4029.1	5006.3	5978.0	6858.6	7566.1	8066.4	8344.2	8445.7
2.5°	1431.4	2213.2	3142.2	4171.9	5168.7	6142.1	7031.8	7728.1	8152.6	8336.7	8354.2
0°	1451.6	2223.9	3158.1	4246.8	5209.6	6188.8	7081.0	7794.8	8184.7	8336.2	8333.2
-2.5°	1431.4	2213.2	3142.2	4171.9	5168.7	6142.1	7031.8	7728.1	8152.6	8336.7	8354.2
-5°	1380.8	2130.5	3039.4	4029.1	5006.3	5978.0	6858.6	7566.1	8066.4	8344.2	8445.7
-7.5°	1301.4	1989.7	2862.1	3811.4	4763.7	5718.7	6606.2	7359.8	7938.7	8312.6	8514.7
-10°	1195.1	1801.4	2623.3	3543.5	4472.8	5386.1	6263.0	7037.5	7665.3	8113.0	8403.4
-12.5°	1070.0	1582.2	2329.8	3212.1	4106.5	4963.8	5785.1	6540.2	7216.4	7779.1	8120.0
-15°	937.7	1370.5	2026.0	2817.8	3643.1	4457.8	5237.5	5968.2	6632.6	7201.6	7639.4
-17.5°	838.6	1181.6	1683.9	2359.0	3122.0	3894.3	4632.9	5305.6	5944.7	6499.2	6965.0
-20°	722.2	967.2	1363.8	1926.6	2586.6	3291.4	3994.4	4614.3	5177.7	5701.7	6147.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	630.4	826.2	1103.9	1481.3	2058.4	2677.1	3299.7	3881.7	4393.3	4855.5	5250.9
-25°	546.0	682.1	890.4	1181.8	1552.4	2068.7	2599.6	3127.1	3606.8	4021.9	4387.2
-27.5°	480.7	583.6	718.3	916.2	1190.3	1491.7	1935.3	2362.8	2808.7	3205.2	3535.8
-30°	424.7	496.6	599.1	721.7	897.5	1113.0	1366.2	1681.1	2025.7	2345.7	2661.0
-32.5°	386.0	433.3	500.4	589.8	684.0	830.5	974.1	1179.1	1369.0	1596.7	1842.4
-35°	351.3	388.0	429.1	487.1	550.9	631.5	722.0	840.1	941.3	1085.0	1222.2
-37.5°	324.3	350.6	381.8	414.6	459.7	502.7	560.7	621.8	677.3	762.4	834.1
-40°	303.6	320.6	343.1	366.6	395.5	421.4	456.5	487.8	522.8	567.0	603.6
-42.5°	286.4	299.7	312.4	329.9	348.2	367.1	387.4	404.8	427.6	450.8	469.6
-45°	271.8	282.5	292.9	303.8	313.0	326.8	339.6	350.6	365.2	378.4	388.9
-47.5°	259.5	267.8	276.9	285.5	292.2	299.5	306.3	313.2	322.3	330.0	335.6
-50°	247.7	255.0	262.5	269.5	275.1	280.0	284.1	288.8	293.7	297.7	300.3
-52.5°	236.5	243.4	249.5	254.7	260.0	264.3	267.7	270.9	273.8	276.1	277.1
-55°	226.2	232.4	238.5	243.0	247.0	250.7	253.8	256.2	258.2	259.8	260.1
-57.5°	214.7	220.7	226.2	230.4	234.4	238.3	241.2	243.0	244.5	245.6	246.1
-60°	201.0	207.7	212.0	215.4	219.3	223.6	225.9	227.9	229.6	231.1	232.5
-62.5°	184.2	189.8	193.9	197.3	200.5	203.2	206.4	209.1	211.1	213.0	215.1
-65°	164.9	170.4	174.1	177.0	179.2	181.6	185.6	188.7	191.1	193.0	194.7
-67.5°	145.3	150.6	154.2	157.2	159.6	162.0	165.6	168.7	171.6	173.5	174.7
-70°	125.2	130.3	134.3	137.6	140.2	142.7	145.5	148.1	150.6	152.0	152.6
-72.5°	105.2	109.5	113.4	116.9	119.9	122.4	124.6	126.5	128.1	129.1	129.7
-75°	86.0	89.5	92.8	95.9	98.7	101.2	103.2	104.9	106.4	107.1	107.4
-77.5°	67.8	70.4	72.8	75.0	77.1	79.2	81.2	82.9	84.3	84.7	84.6
-80°	50.6	52.4	54.0	55.4	56.6	58.0	59.4	60.6	61.6	62.2	62.5
-82.5°	34.4	35.5	36.4	37.3	38.0	39.1	40.1	40.9	41.6	42.2	42.6
-85°	19.5	20.0	20.3	20.7	20.9	21.8	22.7	23.6	24.4	24.3	24.3
-87.5°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.4	8.1
-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: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-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°	7.8	7.5	7.5	7.5	7.5	7.5	7.8	8.1	8.4	8.7	8.2
85°	24.1	23.9	23.2	22.5	23.2	23.9	24.1	24.3	24.3	24.4	23.6
82.5°	43.0	43.3	42.7	42.0	42.7	43.3	43.0	42.6	42.2	41.6	40.9
80°	62.7	62.7	62.2	61.5	62.2	62.7	62.7	62.5	62.2	61.6	60.6
77.5°	84.3	83.6	83.9	84.0	83.9	83.6	84.3	84.6	84.7	84.3	82.9
75°	107.6	107.5	107.1	106.5	107.1	107.5	107.6	107.4	107.1	106.4	104.9
72.5°	130.0	130.0	129.6	129.0	129.6	130.0	130.0	129.7	129.1	128.1	126.5
70°	152.7	152.4	152.8	153.0	152.8	152.4	152.7	152.6	152.0	150.6	148.1
67.5°	175.6	176.2	176.1	175.5	176.1	176.2	175.6	174.7	173.5	171.6	168.7
65°	196.0	197.1	197.7	197.9	197.7	197.1	196.0	194.7	193.0	191.1	188.7
62.5°	216.8	217.9	218.0	217.4	218.0	217.9	216.8	215.1	213.0	211.1	209.1
60°	233.2	233.4	233.1	232.4	233.1	233.4	233.2	232.5	231.1	229.6	227.9
57.5°	246.1	245.6	245.1	244.4	245.1	245.6	246.1	246.1	245.6	244.5	243.0
55°	259.9	259.2	258.6	257.9	258.6	259.2	259.9	260.1	259.8	258.2	256.2
52.5°	277.4	277.0	276.5	275.9	276.5	277.0	277.4	277.1	276.1	273.8	270.9
50°	301.6	301.9	301.9	301.4	301.9	301.9	301.6	300.3	297.7	293.7	288.8
47.5°	339.2	341.2	342.6	343.4	342.6	341.2	339.2	335.6	330.0	322.3	313.2
45°	395.7	399.7	402.5	404.9	402.5	399.7	395.7	388.9	378.4	365.2	350.6
42.5°	482.8	491.7	496.0	494.9	496.0	491.7	482.8	469.6	450.8	427.6	404.8
40°	627.9	642.4	650.4	656.8	650.4	642.4	627.9	603.6	567.0	522.8	487.8
37.5°	883.0	911.1	925.8	938.7	925.8	911.1	883.0	834.1	762.4	677.3	621.8
35°	1324.8	1388.0	1421.8	1433.6	1421.8	1388.0	1324.8	1222.2	1085.0	941.3	840.1
32.5°	2033.6	2150.1	2214.6	2264.4	2214.6	2150.1	2033.6	1842.4	1596.7	1369.0	1179.1
30°	2910.7	3064.2	3149.5	3191.1	3149.5	3064.2	2910.7	2661.0	2345.7	2025.7	1681.1
27.5°	3809.9	3984.4	4076.4	4071.4	4076.4	3984.4	3809.9	3535.8	3205.2	2808.7	2362.8
25°	4700.4	4902.5	4994.1	5076.1	4994.1	4902.5	4700.4	4387.2	4021.9	3606.8	3127.1
22.5°	5601.0	5837.3	5966.3	6026.8	5966.3	5837.3	5601.0	5250.9	4855.5	4393.3	3881.7
20°	6490.9	6754.0	6891.0	6950.6	6891.0	6754.0	6490.9	6147.4	5701.7	5177.7	4614.3
17.5°	7280.2	7537.0	7667.5	7722.9	7667.5	7537.0	7280.2	6965.0	6499.2	5944.7	5305.6
15°	7910.4	8099.8	8210.8	8240.2	8210.8	8099.8	7910.4	7639.4	7201.6	6632.6	5968.2
12.5°	8346.0	8419.4	8472.7	8489.1	8472.7	8419.4	8346.0	8120.0	7779.1	7216.4	6540.2
10°	8568.7	8535.6	8521.9	8523.6	8521.9	8535.6	8568.7	8403.4	8113.0	7665.3	7037.5
7.5°	8553.4	8504.3	8405.9	8390.2	8405.9	8504.3	8553.4	8514.7	8312.6	7938.7	7359.8
5°	8430.5	8341.2	8177.7	8130.7	8177.7	8341.2	8430.5	8445.7	8344.2	8066.4	7566.1
2.5°	8287.3	8126.3	7975.7	7878.8	7975.7	8126.3	8287.3	8354.2	8336.7	8152.6	7728.1
0°	8244.7	8058.8	7863.8	7800.8	7863.8	8058.8	8244.7	8333.2	8336.2	8184.7	7794.8
-2.5°	8287.3	8126.3	7975.7	7878.8	7975.7	8126.3	8287.3	8354.2	8336.7	8152.6	7728.1
-5°	8430.5	8341.2	8177.7	8130.7	8177.7	8341.2	8430.5	8445.7	8344.2	8066.4	7566.1
-7.5°	8553.4	8504.3	8405.9	8390.2	8405.9	8504.3	8553.4	8514.7	8312.6	7938.7	7359.8
-10°	8568.7	8535.6	8521.9	8523.6	8521.9	8535.6	8568.7	8403.4	8113.0	7665.3	7037.5
-12.5°	8346.0	8419.4	8472.7	8489.1	8472.7	8419.4	8346.0	8120.0	7779.1	7216.4	6540.2
-15°	7910.4	8099.8	8210.8	8240.2	8210.8	8099.8	7910.4	7639.4	7201.6	6632.6	5968.2
-17.5°	7280.2	7537.0	7667.5	7722.9	7667.5	7537.0	7280.2	6965.0	6499.2	5944.7	5305.6
-20°	6490.9	6754.0	6891.0	6950.6	6891.0	6754.0	6490.9	6147.4	5701.7	5177.7	4614.3



REPORT NUMBER: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	5601.0	5837.3	5966.3	6026.8	5966.3	5837.3	5601.0	5250.9	4855.5	4393.3	3881.7
-25°	4700.4	4902.5	4994.1	5076.1	4994.1	4902.5	4700.4	4387.2	4021.9	3606.8	3127.1
-27.5°	3809.9	3984.4	4076.4	4071.4	4076.4	3984.4	3809.9	3535.8	3205.2	2808.7	2362.8
-30°	2910.7	3064.2	3149.5	3191.1	3149.5	3064.2	2910.7	2661.0	2345.7	2025.7	1681.1
-32.5°	2033.6	2150.1	2214.6	2264.4	2214.6	2150.1	2033.6	1842.4	1596.7	1369.0	1179.1
-35°	1324.8	1388.0	1421.8	1433.6	1421.8	1388.0	1324.8	1222.2	1085.0	941.3	840.1
-37.5°	883.0	911.1	925.8	938.7	925.8	911.1	883.0	834.1	762.4	677.3	621.8
-40°	627.9	642.4	650.4	656.8	650.4	642.4	627.9	603.6	567.0	522.8	487.8
-42.5°	482.8	491.7	496.0	494.9	496.0	491.7	482.8	469.6	450.8	427.6	404.8
-45°	395.7	399.7	402.5	404.9	402.5	399.7	395.7	388.9	378.4	365.2	350.6
-47.5°	339.2	341.2	342.6	343.4	342.6	341.2	339.2	335.6	330.0	322.3	313.2
-50°	301.6	301.9	301.9	301.4	301.9	301.9	301.6	300.3	297.7	293.7	288.8
-52.5°	277.4	277.0	276.5	275.9	276.5	277.0	277.4	277.1	276.1	273.8	270.9
-55°	259.9	259.2	258.6	257.9	258.6	259.2	259.9	260.1	259.8	258.2	256.2
-57.5°	246.1	245.6	245.1	244.4	245.1	245.6	246.1	246.1	245.6	244.5	243.0
-60°	233.2	233.4	233.1	232.4	233.1	233.4	233.2	232.5	231.1	229.6	227.9
-62.5°	216.8	217.9	218.0	217.4	218.0	217.9	216.8	215.1	213.0	211.1	209.1
-65°	196.0	197.1	197.7	197.9	197.7	197.1	196.0	194.7	193.0	191.1	188.7
-67.5°	175.6	176.2	176.1	175.5	176.1	176.2	175.6	174.7	173.5	171.6	168.7
-70°	152.7	152.4	152.8	153.0	152.8	152.4	152.7	152.6	152.0	150.6	148.1
-72.5°	130.0	130.0	129.6	129.0	129.6	130.0	130.0	129.7	129.1	128.1	126.5
-75°	107.6	107.5	107.1	106.5	107.1	107.5	107.6	107.4	107.1	106.4	104.9
-77.5°	84.3	83.6	83.9	84.0	83.9	83.6	84.3	84.6	84.7	84.3	82.9
-80°	62.7	62.7	62.2	61.5	62.2	62.7	62.7	62.5	62.2	61.6	60.6
-82.5°	43.0	43.3	42.7	42.0	42.7	43.3	43.0	42.6	42.2	41.6	40.9
-85°	24.1	23.9	23.2	22.5	23.2	23.9	24.1	24.3	24.3	24.4	23.6
-87.5°	7.8	7.5	7.5	7.5	7.5	7.5	7.8	8.1	8.4	8.7	8.2
-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: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
85°	22.7	21.8	20.9	20.7	20.3	20.0	19.5	18.7	17.8	16.8	15.8
82.5°	40.1	39.1	38.0	37.3	36.4	35.5	34.4	32.7	31.0	29.3	27.6
80°	59.4	58.0	56.6	55.4	54.0	52.4	50.6	48.1	45.4	42.8	40.3
77.5°	81.2	79.2	77.1	75.0	72.8	70.4	67.8	64.6	61.3	57.9	54.4
75°	103.2	101.2	98.7	95.9	92.8	89.5	86.0	82.1	78.0	73.7	69.4
72.5°	124.6	122.4	119.9	116.9	113.4	109.5	105.2	100.4	95.4	90.1	85.0
70°	145.5	142.7	140.2	137.6	134.3	130.3	125.2	119.5	113.4	107.3	101.4
67.5°	165.6	162.0	159.6	157.2	154.2	150.6	145.3	139.1	132.3	125.2	118.1
65°	185.6	181.6	179.2	177.0	174.1	170.4	164.9	158.6	151.5	143.5	135.4
62.5°	206.4	203.2	200.5	197.3	193.9	189.8	184.2	177.6	170.5	162.2	152.7
60°	225.9	223.6	219.3	215.4	212.0	207.7	201.0	194.7	188.8	179.3	169.1
57.5°	241.2	238.3	234.4	230.4	226.2	220.7	214.7	208.7	201.9	193.9	184.4
55°	253.8	250.7	247.0	243.0	238.5	232.4	226.2	219.8	213.2	206.5	197.2
52.5°	267.7	264.3	260.0	254.7	249.5	243.4	236.5	229.7	223.6	216.7	209.1
50°	284.1	280.0	275.1	269.5	262.5	255.0	247.7	239.8	233.3	226.6	218.9
47.5°	306.3	299.5	292.2	285.5	276.9	267.8	259.5	251.3	243.7	236.5	228.6
45°	339.6	326.8	313.0	303.8	292.9	282.5	271.8	262.6	253.9	245.7	238.3
42.5°	387.4	367.1	348.2	329.9	312.4	299.7	286.4	274.9	264.4	254.7	246.0
40°	456.5	421.4	395.5	366.6	343.1	320.6	303.6	288.0	275.8	264.4	253.8
37.5°	560.7	502.7	459.7	414.6	381.8	350.6	324.3	304.1	287.5	274.2	261.9
35°	722.0	631.5	550.9	487.1	429.1	388.0	351.3	322.9	301.6	284.3	269.9
32.5°	974.1	830.5	684.0	589.8	500.4	433.3	386.0	347.0	316.8	296.2	278.9
30°	1366.2	1113.0	897.5	721.7	599.1	496.6	424.7	376.9	338.4	308.2	288.0
27.5°	1935.3	1491.7	1190.3	916.2	718.3	583.6	480.7	409.0	361.0	325.1	298.5
25°	2599.6	2068.7	1552.4	1181.8	890.4	682.1	546.0	453.8	389.1	342.6	307.7
22.5°	3299.7	2677.1	2058.4	1481.3	1103.9	826.2	630.4	499.1	415.5	361.3	321.0
20°	3994.4	3291.4	2586.6	1926.6	1363.8	967.2	722.2	559.1	452.5	382.3	333.7
17.5°	4632.9	3894.3	3122.0	2359.0	1683.9	1181.6	838.6	619.8	484.8	400.9	344.7
15°	5237.5	4457.8	3643.1	2817.8	2026.0	1370.5	937.7	672.7	518.3	422.6	359.0
12.5°	5785.1	4963.8	4106.5	3212.1	2329.8	1582.2	1070.0	750.7	559.5	445.0	372.5
10°	6263.0	5386.1	4472.8	3543.5	2623.3	1801.4	1195.1	817.2	595.1	463.6	383.6
7.5°	6606.2	5718.7	4763.7	3811.4	2862.1	1989.7	1301.4	869.8	623.1	477.9	392.1
5°	6858.6	5978.0	5006.3	4029.1	3039.4	2130.5	1380.8	906.8	643.2	487.8	398.0
2.5°	7031.8	6142.1	5168.7	4171.9	3142.2	2213.2	1431.4	926.7	652.6	495.5	401.3
0°	7081.0	6188.8	5209.6	4246.8	3158.1	2223.9	1451.6	929.7	652.3	499.4	401.9
-2.5°	7031.8	6142.1	5168.7	4171.9	3142.2	2213.2	1431.4	926.7	652.6	495.5	401.3
-5°	6858.6	5978.0	5006.3	4029.1	3039.4	2130.5	1380.8	906.8	643.2	487.8	398.0
-7.5°	6606.2	5718.7	4763.7	3811.4	2862.1	1989.7	1301.4	869.8	623.1	477.9	392.1
-10°	6263.0	5386.1	4472.8	3543.5	2623.3	1801.4	1195.1	817.2	595.1	463.6	383.6
-12.5°	5785.1	4963.8	4106.5	3212.1	2329.8	1582.2	1070.0	750.7	559.5	445.0	372.5
-15°	5237.5	4457.8	3643.1	2817.8	2026.0	1370.5	937.7	672.7	518.3	422.6	359.0
-17.5°	4632.9	3894.3	3122.0	2359.0	1683.9	1181.6	838.6	619.8	484.8	400.9	344.7
-20°	3994.4	3291.4	2586.6	1926.6	1363.8	967.2	722.2	559.1	452.5	382.3	333.7



REPORT NUMBER: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3299.7	2677.1	2058.4	1481.3	1103.9	826.2	630.4	499.1	415.5	361.3	321.0
-25°	2599.6	2068.7	1552.4	1181.8	890.4	682.1	546.0	453.8	389.1	342.6	307.7
-27.5°	1935.3	1491.7	1190.3	916.2	718.3	583.6	480.7	409.0	361.0	325.1	298.5
-30°	1366.2	1113.0	897.5	721.7	599.1	496.6	424.7	376.9	338.4	308.2	288.0
-32.5°	974.1	830.5	684.0	589.8	500.4	433.3	386.0	347.0	316.8	296.2	278.9
-35°	722.0	631.5	550.9	487.1	429.1	388.0	351.3	322.9	301.6	284.3	269.9
-37.5°	560.7	502.7	459.7	414.6	381.8	350.6	324.3	304.1	287.5	274.2	261.9
-40°	456.5	421.4	395.5	366.6	343.1	320.6	303.6	288.0	275.8	264.4	253.8
-42.5°	387.4	367.1	348.2	329.9	312.4	299.7	286.4	274.9	264.4	254.7	246.0
-45°	339.6	326.8	313.0	303.8	292.9	282.5	271.8	262.6	253.9	245.7	238.3
-47.5°	306.3	299.5	292.2	285.5	276.9	267.8	259.5	251.3	243.7	236.5	228.6
-50°	284.1	280.0	275.1	269.5	262.5	255.0	247.7	239.8	233.3	226.6	218.9
-52.5°	267.7	264.3	260.0	254.7	249.5	243.4	236.5	229.7	223.6	216.7	209.1
-55°	253.8	250.7	247.0	243.0	238.5	232.4	226.2	219.8	213.2	206.5	197.2
-57.5°	241.2	238.3	234.4	230.4	226.2	220.7	214.7	208.7	201.9	193.9	184.4
-60°	225.9	223.6	219.3	215.4	212.0	207.7	201.0	194.7	188.8	179.3	169.1
-62.5°	206.4	203.2	200.5	197.3	193.9	189.8	184.2	177.6	170.5	162.2	152.7
-65°	185.6	181.6	179.2	177.0	174.1	170.4	164.9	158.6	151.5	143.5	135.4
-67.5°	165.6	162.0	159.6	157.2	154.2	150.6	145.3	139.1	132.3	125.2	118.1
-70°	145.5	142.7	140.2	137.6	134.3	130.3	125.2	119.5	113.4	107.3	101.4
-72.5°	124.6	122.4	119.9	116.9	113.4	109.5	105.2	100.4	95.4	90.1	85.0
-75°	103.2	101.2	98.7	95.9	92.8	89.5	86.0	82.1	78.0	73.7	69.4
-77.5°	81.2	79.2	77.1	75.0	72.8	70.4	67.8	64.6	61.3	57.9	54.4
-80°	59.4	58.0	56.6	55.4	54.0	52.4	50.6	48.1	45.4	42.8	40.3
-82.5°	40.1	39.1	38.0	37.3	36.4	35.5	34.4	32.7	31.0	29.3	27.6
-85°	22.7	21.8	20.9	20.7	20.3	20.0	19.5	18.7	17.8	16.8	15.8
-87.5°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-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°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.3	2.8	2.4
85°	14.8	13.7	12.6	11.4	10.2	9.0	8.3	7.6	6.6	5.6	4.7
82.5°	25.9	24.3	22.6	20.8	18.8	16.8	14.9	13.0	10.8	8.6	7.1
80°	38.0	35.6	33.2	30.6	27.7	24.6	21.9	19.2	16.7	13.9	11.0
77.5°	51.1	47.7	44.1	40.8	37.4	33.8	29.9	25.9	22.5	19.2	15.8
75°	65.1	60.9	56.6	52.2	47.6	43.0	38.6	34.0	29.3	24.6	20.5
72.5°	80.0	74.8	69.4	63.9	58.6	53.1	47.5	41.9	36.5	31.0	25.5
70°	95.3	88.9	82.7	76.5	69.9	63.2	56.8	50.2	43.7	37.4	31.0
67.5°	110.8	103.7	96.3	89.0	81.8	74.2	66.2	58.5	51.0	43.7	36.5
65°	127.2	118.8	110.1	101.8	93.6	85.3	76.5	66.9	58.2	50.0	41.9
62.5°	143.3	134.1	124.4	114.5	105.1	95.9	86.6	76.0	65.4	56.2	47.3
60°	159.0	148.6	138.2	127.2	116.5	106.2	95.9	84.8	73.3	62.2	52.5
57.5°	173.2	162.4	150.8	139.2	127.7	116.3	104.9	93.1	80.9	68.7	57.5
55°	186.6	174.9	162.7	150.3	138.2	126.1	113.6	101.0	88.2	75.2	62.5
52.5°	199.2	186.9	174.0	160.9	147.8	135.2	122.2	108.8	95.2	81.5	67.9
50°	210.3	198.7	185.0	171.1	156.9	143.7	130.4	116.3	101.9	87.5	73.2
47.5°	219.6	208.9	195.7	181.0	166.2	152.0	138.1	123.5	108.4	93.2	78.3
45°	228.6	218.3	205.5	190.6	175.2	160.3	145.6	130.5	114.7	98.8	83.2
42.5°	237.1	226.8	214.9	199.7	183.9	168.3	152.8	137.0	120.7	104.1	87.8
40°	244.3	234.3	223.7	208.6	192.1	175.8	159.7	143.4	126.4	109.2	92.2
37.5°	251.4	241.1	230.2	216.9	199.7	182.8	166.1	149.5	131.9	114.1	96.3
35°	258.2	247.6	236.0	223.4	206.9	189.4	172.1	155.1	137.1	118.7	100.1
32.5°	264.3	253.4	241.3	228.6	213.5	195.4	177.7	160.1	141.9	123.1	103.7
30°	271.6	258.2	246.2	233.7	219.1	201.0	182.8	164.8	146.3	127.3	107.1
27.5°	278.5	262.9	250.5	238.0	223.5	206.0	187.6	169.1	150.4	131.1	110.4
25°	285.2	268.3	254.5	241.6	227.7	210.9	191.9	173.0	153.9	134.4	113.5
22.5°	292.9	273.2	258.2	244.7	231.8	215.2	195.9	176.6	157.1	137.3	116.3
20°	299.8	277.2	261.7	247.6	234.8	218.5	199.4	179.7	160.0	139.9	118.8
17.5°	306.5	281.8	265.0	250.4	237.1	221.4	202.5	182.5	162.4	142.2	121.1
15°	315.8	287.1	268.0	252.8	239.0	223.9	205.2	184.9	164.6	144.1	123.1
12.5°	323.8	291.5	270.4	254.8	240.6	225.9	207.4	186.8	166.3	145.9	124.9
10°	330.3	295.0	272.3	256.3	241.8	227.5	209.2	188.5	168.0	147.3	126.4
7.5°	335.2	297.6	273.6	257.4	242.6	228.7	210.8	190.0	169.3	148.5	127.5
5°	338.5	299.3	274.8	258.0	243.1	229.4	211.9	191.1	170.2	149.3	128.3
2.5°	340.3	300.1	275.6	258.2	243.2	229.6	212.7	191.7	170.8	149.8	128.8
0°	340.4	299.9	275.9	257.9	242.9	229.4	212.9	191.9	171.0	150.0	129.0
-2.5°	340.3	300.1	275.6	258.2	243.2	229.6	212.7	191.7	170.8	149.8	128.8
-5°	338.5	299.3	274.8	258.0	243.1	229.4	211.9	191.1	170.2	149.3	128.3
-7.5°	335.2	297.6	273.6	257.4	242.6	228.7	210.8	190.0	169.3	148.5	127.5
-10°	330.3	295.0	272.3	256.3	241.8	227.5	209.2	188.5	168.0	147.3	126.4
-12.5°	323.8	291.5	270.4	254.8	240.6	225.9	207.4	186.8	166.3	145.9	124.9
-15°	315.8	287.1	268.0	252.8	239.0	223.9	205.2	184.9	164.6	144.1	123.1
-17.5°	306.5	281.8	265.0	250.4	237.1	221.4	202.5	182.5	162.4	142.2	121.1
-20°	299.8	277.2	261.7	247.6	234.8	218.5	199.4	179.7	160.0	139.9	118.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	292.9	273.2	258.2	244.7	231.8	215.2	195.9	176.6	157.1	137.3	116.3
-25°	285.2	268.3	254.5	241.6	227.7	210.9	191.9	173.0	153.9	134.4	113.5
-27.5°	278.5	262.9	250.5	238.0	223.5	206.0	187.6	169.1	150.4	131.1	110.4
-30°	271.6	258.2	246.2	233.7	219.1	201.0	182.8	164.8	146.3	127.3	107.1
-32.5°	264.3	253.4	241.3	228.6	213.5	195.4	177.7	160.1	141.9	123.1	103.7
-35°	258.2	247.6	236.0	223.4	206.9	189.4	172.1	155.1	137.1	118.7	100.1
-37.5°	251.4	241.1	230.2	216.9	199.7	182.8	166.1	149.5	131.9	114.1	96.3
-40°	244.3	234.3	223.7	208.6	192.1	175.8	159.7	143.4	126.4	109.2	92.2
-42.5°	237.1	226.8	214.9	199.7	183.9	168.3	152.8	137.0	120.7	104.1	87.8
-45°	228.6	218.3	205.5	190.6	175.2	160.3	145.6	130.5	114.7	98.8	83.2
-47.5°	219.6	208.9	195.7	181.0	166.2	152.0	138.1	123.5	108.4	93.2	78.3
-50°	210.3	198.7	185.0	171.1	156.9	143.7	130.4	116.3	101.9	87.5	73.2
-52.5°	199.2	186.9	174.0	160.9	147.8	135.2	122.2	108.8	95.2	81.5	67.9
-55°	186.6	174.9	162.7	150.3	138.2	126.1	113.6	101.0	88.2	75.2	62.5
-57.5°	173.2	162.4	150.8	139.2	127.7	116.3	104.9	93.1	80.9	68.7	57.5
-60°	159.0	148.6	138.2	127.2	116.5	106.2	95.9	84.8	73.3	62.2	52.5
-62.5°	143.3	134.1	124.4	114.5	105.1	95.9	86.6	76.0	65.4	56.2	47.3
-65°	127.2	118.8	110.1	101.8	93.6	85.3	76.5	66.9	58.2	50.0	41.9
-67.5°	110.8	103.7	96.3	89.0	81.8	74.2	66.2	58.5	51.0	43.7	36.5
-70°	95.3	88.9	82.7	76.5	69.9	63.2	56.8	50.2	43.7	37.4	31.0
-72.5°	80.0	74.8	69.4	63.9	58.6	53.1	47.5	41.9	36.5	31.0	25.5
-75°	65.1	60.9	56.6	52.2	47.6	43.0	38.6	34.0	29.3	24.6	20.5
-77.5°	51.1	47.7	44.1	40.8	37.4	33.8	29.9	25.9	22.5	19.2	15.8
-80°	38.0	35.6	33.2	30.6	27.7	24.6	21.9	19.2	16.7	13.9	11.0
-82.5°	25.9	24.3	22.6	20.8	18.8	16.8	14.9	13.0	10.8	8.6	7.1
-85°	14.8	13.7	12.6	11.4	10.2	9.0	8.3	7.6	6.6	5.6	4.7
-87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.3	2.8	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA2B-722-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°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
80°	8.0	6.5	5.2	3.9	2.6	1.3	0.0
77.5°	12.2	8.7	6.5	4.9	3.2	1.6	0.0
75°	16.4	12.2	8.0	5.8	3.9	1.9	0.0
72.5°	20.5	15.6	10.8	6.7	4.5	2.3	0.0
70°	24.6	19.0	13.5	7.9	5.1	2.6	0.0
67.5°	29.3	22.4	16.1	9.9	5.7	2.9	0.0
65°	33.9	25.9	18.8	11.9	6.3	3.2	0.0
62.5°	38.4	29.6	21.4	13.8	6.9	3.5	0.0
60°	42.7	33.2	23.9	15.7	7.5	3.7	0.0
57.5°	47.1	36.6	26.6	17.5	8.7	4.0	0.0
55°	51.4	40.0	29.3	19.3	9.9	4.3	0.0
52.5°	55.5	43.3	31.9	21.1	11.0	4.6	0.0
50°	59.6	46.7	34.4	22.8	12.1	4.8	0.0
47.5°	63.6	50.0	36.8	24.4	13.1	5.1	0.0
45°	67.8	53.2	39.0	26.1	14.1	5.3	0.0
42.5°	71.7	56.3	41.2	27.8	15.1	5.5	0.0
40°	75.5	59.3	43.4	29.3	16.0	5.7	0.0
37.5°	79.0	62.1	45.7	30.7	16.8	5.9	0.0
35°	82.3	64.8	47.8	32.0	17.6	6.1	0.0
32.5°	85.4	67.4	49.8	33.2	18.3	6.3	0.0
30°	88.3	69.8	51.7	34.4	19.0	6.5	0.0
27.5°	90.9	72.0	53.3	35.4	19.6	6.7	0.0
25°	93.3	74.1	54.8	36.4	20.2	6.8	0.0
22.5°	95.4	75.8	56.2	37.2	20.7	6.9	0.0
20°	97.3	77.4	57.4	38.0	21.1	7.0	0.0
17.5°	99.0	78.7	58.5	38.7	21.5	7.2	0.0
15°	100.5	79.9	59.4	39.2	21.8	7.2	0.0
12.5°	101.9	80.8	60.1	39.7	22.1	7.3	0.0
10°	103.0	81.5	60.7	40.1	22.3	7.4	0.0
7.5°	103.8	82.1	61.2	40.3	22.4	7.4	0.0
5°	104.5	82.4	61.4	40.5	22.5	7.5	0.0
2.5°	104.9	82.6	61.6	40.5	22.5	7.5	0.0
0°	105.0	82.5	61.5	40.5	22.5	7.5	0.0
-2.5°	104.9	82.6	61.6	40.5	22.5	7.5	0.0
-5°	104.5	82.4	61.4	40.5	22.5	7.5	0.0
-7.5°	103.8	82.1	61.2	40.3	22.4	7.4	0.0
-10°	103.0	81.5	60.7	40.1	22.3	7.4	0.0
-12.5°	101.9	80.8	60.1	39.7	22.1	7.3	0.0
-15°	100.5	79.9	59.4	39.2	21.8	7.2	0.0
-17.5°	99.0	78.7	58.5	38.7	21.5	7.2	0.0
-20°	97.3	77.4	57.4	38.0	21.1	7.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	95.4	75.8	56.2	37.2	20.7	6.9	0.0
-25°	93.3	74.1	54.8	36.4	20.2	6.8	0.0
-27.5°	90.9	72.0	53.3	35.4	19.6	6.7	0.0
-30°	88.3	69.8	51.7	34.4	19.0	6.5	0.0
-32.5°	85.4	67.4	49.8	33.2	18.3	6.3	0.0
-35°	82.3	64.8	47.8	32.0	17.6	6.1	0.0
-37.5°	79.0	62.1	45.7	30.7	16.8	5.9	0.0
-40°	75.5	59.3	43.4	29.3	16.0	5.7	0.0
-42.5°	71.7	56.3	41.2	27.8	15.1	5.5	0.0
-45°	67.8	53.2	39.0	26.1	14.1	5.3	0.0
-47.5°	63.6	50.0	36.8	24.4	13.1	5.1	0.0
-50°	59.6	46.7	34.4	22.8	12.1	4.8	0.0
-52.5°	55.5	43.3	31.9	21.1	11.0	4.6	0.0
-55°	51.4	40.0	29.3	19.3	9.9	4.3	0.0
-57.5°	47.1	36.6	26.6	17.5	8.7	4.0	0.0
-60°	42.7	33.2	23.9	15.7	7.5	3.7	0.0
-62.5°	38.4	29.6	21.4	13.8	6.9	3.5	0.0
-65°	33.9	25.9	18.8	11.9	6.3	3.2	0.0
-67.5°	29.3	22.4	16.1	9.9	5.7	2.9	0.0
-70°	24.6	19.0	13.5	7.9	5.1	2.6	0.0
-72.5°	20.5	15.6	10.8	6.7	4.5	2.3	0.0
-75°	16.4	12.2	8.0	5.8	3.9	1.9	0.0
-77.5°	12.2	8.7	6.5	4.9	3.2	1.6	0.0
-80°	8.0	6.5	5.2	3.9	2.6	1.3	0.0
-82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)