

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: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-740-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N52
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

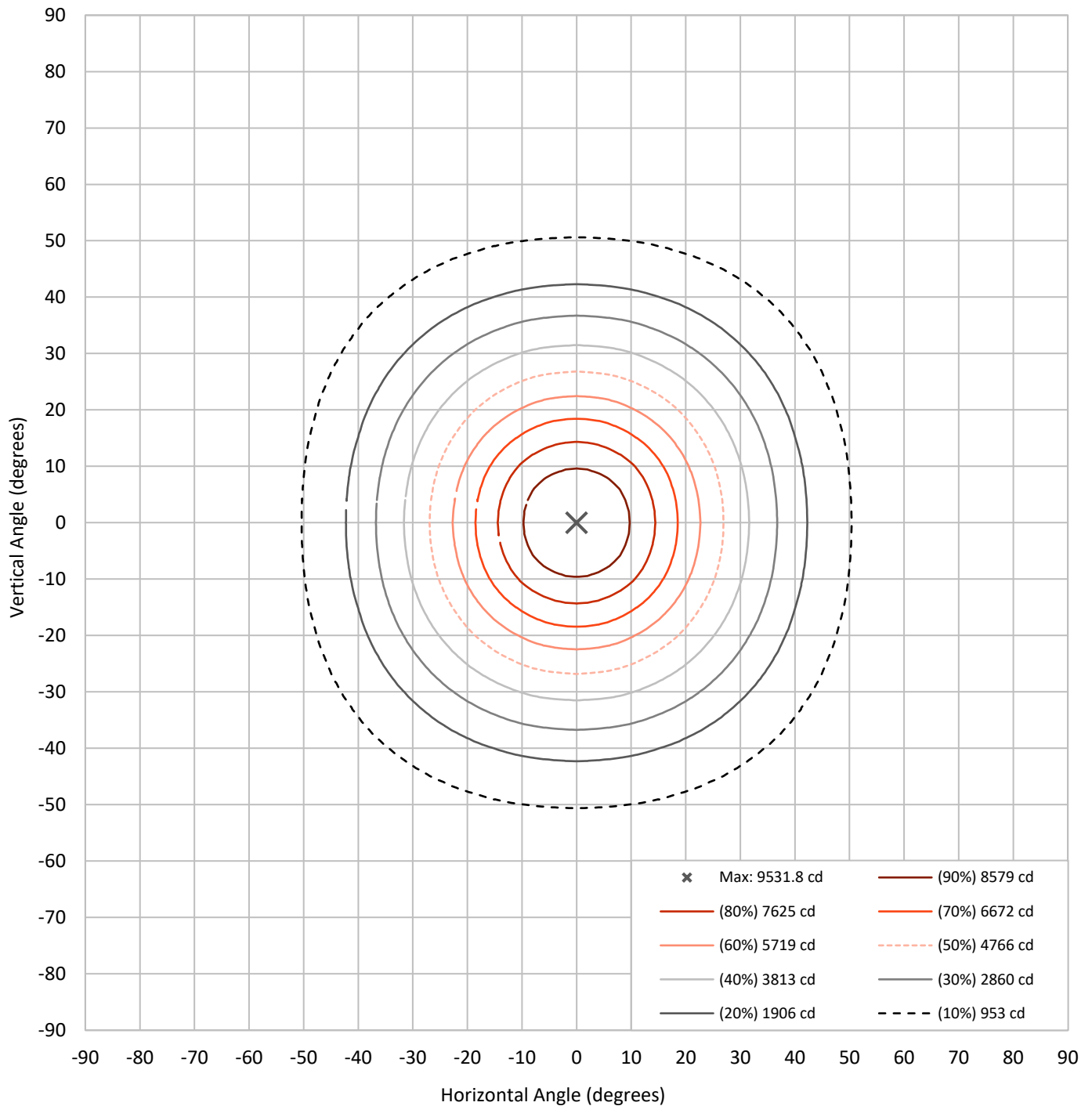
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9701.1 lumens	Max Intensity:	9531.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	4638.5 lumens	Field Lumens:	8561.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





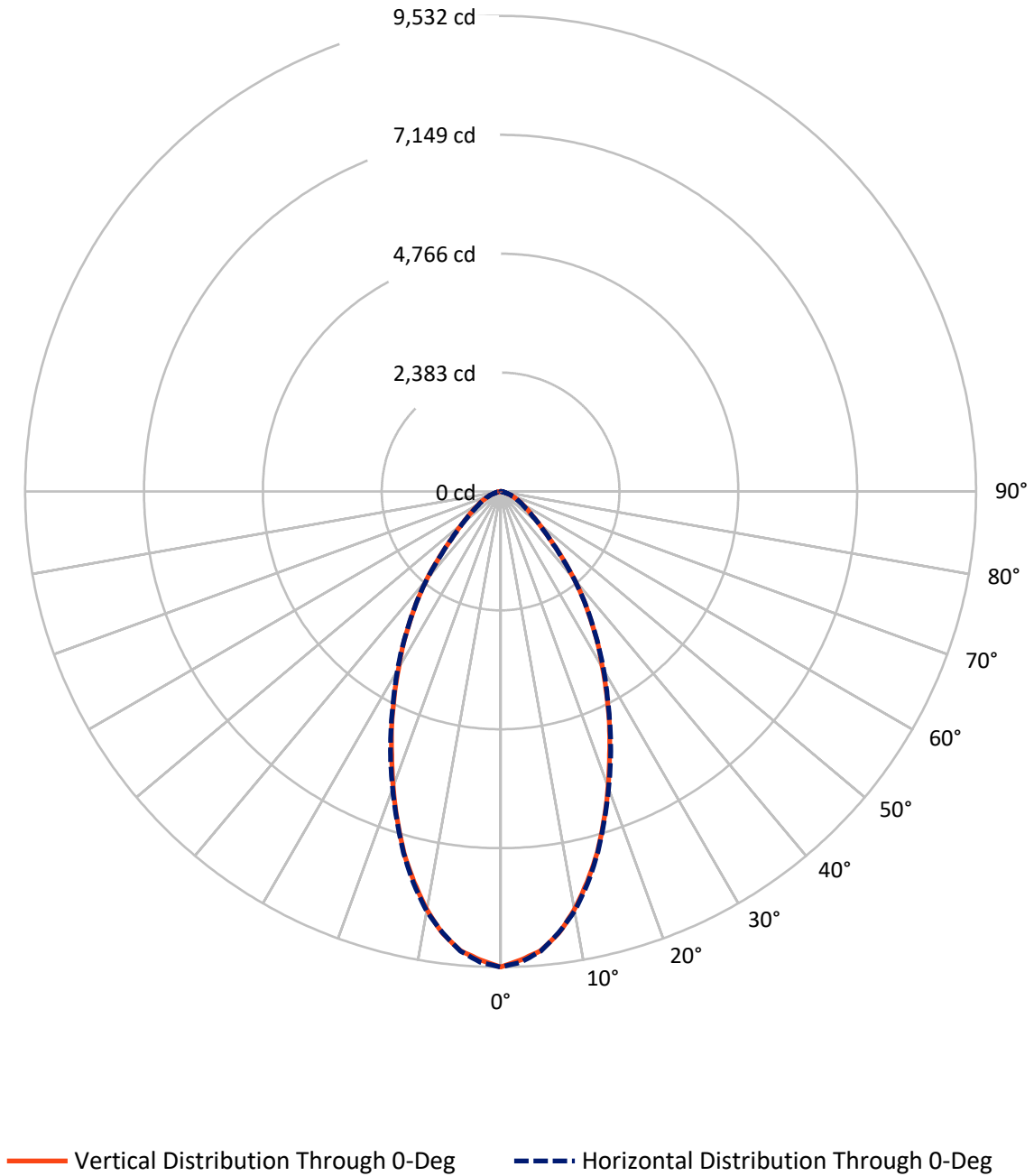
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Lumen Table

90																			
80	0.4	2.7		6.1		10.2		8.7		10.2		6.1		2.7		0.4			
70																			
60	1.3	1.5	2.8	4.5	6.5	8.4	9.9	10.6	10.6	9.9	8.4	6.5	4.5	2.8	1.5	1.3			
50		2.1	4.2	7.3	11.2	15.4	19.2	21.4	21.4	19.2	15.4	11.2	7.3	4.2	2.1				
40	1.9	2.7	5.8	10.9	18.3	28.2	38.8	45.9	45.9	38.8	28.2	18.3	10.9	5.8	2.7	1.9			
30		3.2	7.6	15.8	30.7	54.6	79.3	94.1	94.1	79.3	54.6	30.7	15.8	7.6	3.2				
20	2.2	3.8	9.5	22.1	49.7	89.3	127.8	152.8	152.8	127.8	89.3	49.7	22.1	9.5	3.8	2.2			
10		4.2	11.1	28.7	67.8	120.6	178.1	219.1	219.1	178.1	120.6	67.8	28.7	11.1	4.2				
0	2.3	4.4	12.1	32.9	78.1	140.3	213.4	268.4	268.4	213.4	140.3	78.1	32.9	12.1	4.4	2.3			
-10		4.4	12.1	32.9	78.1	140.3	213.4	268.4	268.4	213.4	140.3	78.1	32.9	12.1	4.4				
-20	2.2	4.2	11.1	28.7	67.8	120.6	178.1	219.1	219.1	178.1	120.6	67.8	28.7	11.1	4.2	2.2			
-30		3.8	9.5	22.1	49.7	89.3	127.8	152.8	152.8	127.8	89.3	49.7	22.1	9.5	3.8				
-40	1.9	3.2	7.6	15.8	30.7	54.6	79.3	94.1	94.1	79.3	54.6	30.7	15.8	7.6	3.2	1.9			
-50		2.7	5.8	10.9	18.3	28.2	38.8	45.9	45.9	38.8	28.2	18.3	10.9	5.8	2.7				
-60	1.3	2.1	4.2	7.3	11.2	15.4	19.2	21.4	21.4	19.2	15.4	11.2	7.3	4.2	2.1	1.3			
-70		1.5	2.8	4.5	6.5	8.4	9.9	10.6	10.6	9.9	8.4	6.5	4.5	2.8	1.5				
-80																			
-90	0.4	2.7		6.1		10.2		8.7		10.2		6.1		2.7		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

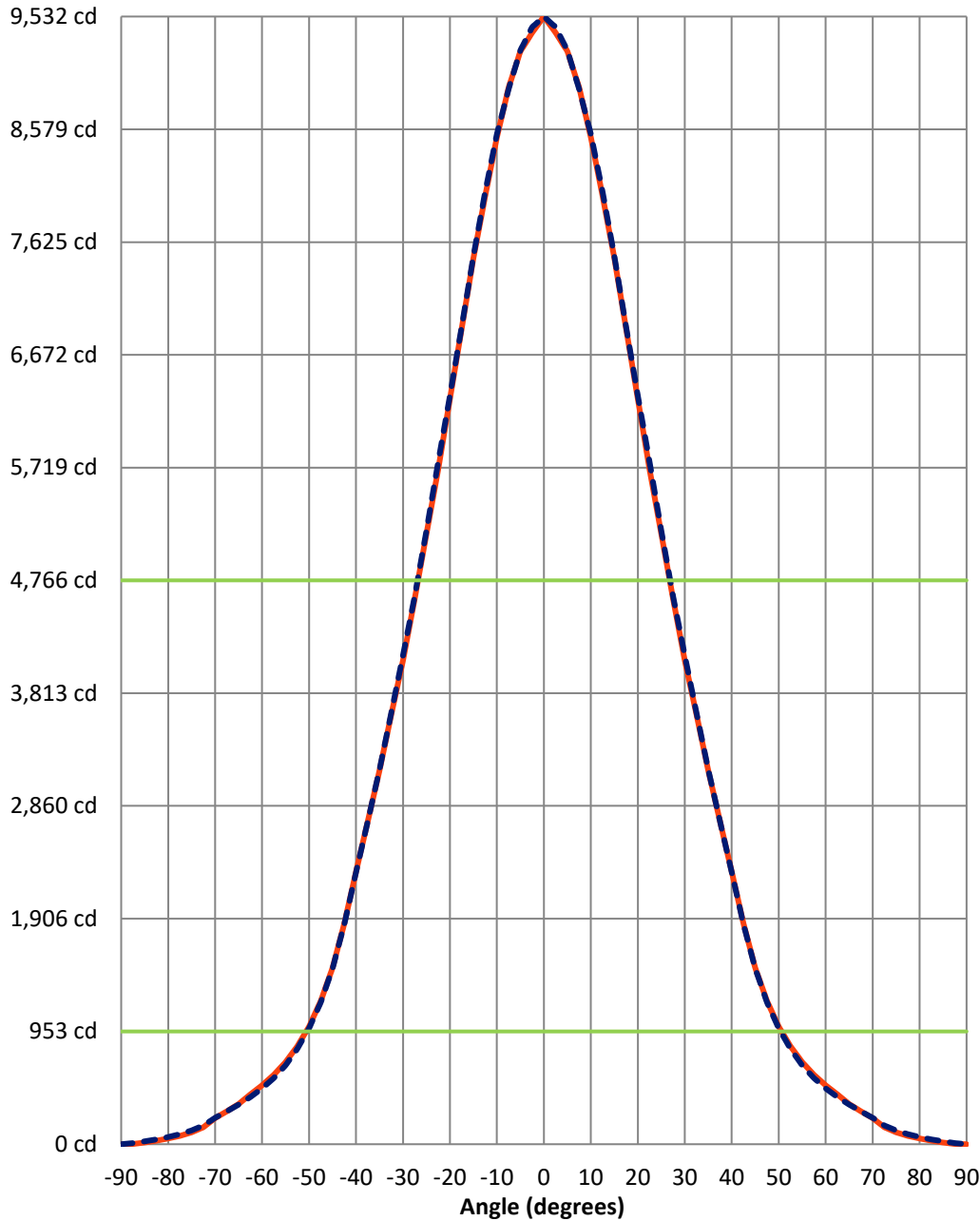
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 4638.5
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 8561.6
 Efficiency: 88.3%

Spill:
 Lumens: 1139.5
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.4	5.7	6.0
85°	0.0	1.0	2.2	3.6	5.2	7.0	9.0	10.0	10.8	11.4	11.9
82.5°	0.0	1.4	3.3	5.4	7.8	10.5	13.5	15.0	16.6	19.2	21.5
80°	0.0	1.9	4.4	7.2	10.4	14.0	18.3	22.8	26.7	30.2	33.2
77.5°	0.0	2.4	5.5	9.0	13.0	18.2	26.2	32.0	36.8	41.1	45.4
75°	0.0	2.9	6.6	10.7	15.7	23.8	33.8	41.1	46.9	52.8	59.1
72.5°	0.0	3.3	7.6	12.4	19.4	29.2	41.2	50.1	57.1	64.5	72.5
70°	0.0	3.8	8.6	14.2	23.1	34.5	48.2	58.6	67.0	76.1	86.7
67.5°	0.0	4.2	9.6	16.4	26.5	39.4	54.3	66.9	76.8	88.0	100.8
65°	0.0	4.6	10.5	18.5	29.8	44.0	60.1	75.0	86.4	99.5	114.1
62.5°	0.0	5.0	11.5	20.5	32.9	48.2	65.6	82.6	95.6	110.5	126.5
60°	0.0	5.4	12.3	22.4	35.8	52.1	70.7	89.9	104.4	121.2	138.5
57.5°	0.0	5.8	13.4	24.2	38.5	55.8	75.3	96.4	113.4	131.5	149.6
55°	0.0	6.2	14.4	25.8	41.0	59.2	79.5	101.7	122.1	141.4	160.2
52.5°	0.0	6.5	15.4	27.3	43.3	62.2	83.4	107.3	130.5	150.9	170.5
50°	0.0	6.9	16.4	28.6	45.4	65.1	87.0	112.7	138.6	160.0	181.9
47.5°	0.0	7.2	17.3	29.9	47.3	67.6	90.3	117.6	146.5	169.0	193.0
45°	0.0	7.5	18.1	31.1	48.9	69.9	94.0	121.9	152.2	178.6	203.8
42.5°	0.0	7.8	19.0	32.1	50.4	71.8	97.3	126.2	157.5	187.9	215.0
40°	0.0	8.0	19.7	33.3	51.6	73.5	100.1	130.4	162.7	196.6	225.8
37.5°	0.0	8.3	20.4	34.5	52.8	74.8	102.6	134.1	168.3	203.5	236.0
35°	0.0	8.5	21.1	35.6	53.7	76.4	104.7	137.5	173.8	211.0	246.5
32.5°	0.0	8.7	21.7	36.6	54.4	77.8	106.5	140.4	179.0	218.6	257.2
30°	0.0	8.9	22.2	37.5	54.9	78.9	108.6	143.3	183.9	226.3	267.3
27.5°	0.0	9.0	22.7	38.3	56.1	79.7	110.4	146.8	189.0	234.1	276.8
25°	0.0	9.2	23.1	39.0	57.2	80.2	111.7	150.0	194.7	241.7	285.7
22.5°	0.0	9.3	23.5	39.6	58.2	80.9	112.6	152.8	200.1	248.6	295.3
20°	0.0	9.4	23.8	40.1	59.0	82.3	113.2	155.2	205.3	254.9	304.0
17.5°	0.0	9.5	24.1	40.5	59.8	83.5	114.4	157.1	210.0	260.4	311.6
15°	0.0	9.5	24.3	40.8	60.3	84.5	116.0	158.9	214.2	265.2	318.2
12.5°	0.0	9.5	24.5	41.0	60.7	85.2	117.1	160.5	217.9	269.1	323.6
10°	0.0	9.5	24.5	41.1	61.0	85.6	117.8	161.4	220.7	272.4	328.0
7.5°	0.0	9.5	24.6	41.0	61.1	85.8	118.0	161.6	222.6	275.0	331.4
5°	0.0	9.5	24.5	40.9	61.1	85.8	117.9	161.1	223.7	276.8	333.7
2.5°	0.0	9.5	24.4	40.7	60.9	85.4	117.4	160.0	223.8	277.7	334.8
0°	0.0	9.4	24.3	40.4	60.6	84.9	116.5	158.3	223.0	277.6	334.8
-2.5°	0.0	9.5	24.4	40.7	60.9	85.4	117.4	160.0	223.8	277.7	334.8
-5°	0.0	9.5	24.5	40.9	61.1	85.8	117.9	161.1	223.7	276.8	333.7
-7.5°	0.0	9.5	24.6	41.0	61.1	85.8	118.0	161.6	222.6	275.0	331.4
-10°	0.0	9.5	24.5	41.1	61.0	85.6	117.8	161.4	220.7	272.4	328.0
-12.5°	0.0	9.5	24.5	41.0	60.7	85.2	117.1	160.5	217.9	269.1	323.6
-15°	0.0	9.5	24.3	40.8	60.3	84.5	116.0	158.9	214.2	265.2	318.2
-17.5°	0.0	9.5	24.1	40.5	59.8	83.5	114.4	157.1	210.0	260.4	311.6
-20°	0.0	9.4	23.8	40.1	59.0	82.3	113.2	155.2	205.3	254.9	304.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.3	23.5	39.6	58.2	80.9	112.6	152.8	200.1	248.6	295.3
-25°	0.0	9.2	23.1	39.0	57.2	80.2	111.7	150.0	194.7	241.7	285.7
-27.5°	0.0	9.0	22.7	38.3	56.1	79.7	110.4	146.8	189.0	234.1	276.8
-30°	0.0	8.9	22.2	37.5	54.9	78.9	108.6	143.3	183.9	226.3	267.3
-32.5°	0.0	8.7	21.7	36.6	54.4	77.8	106.5	140.4	179.0	218.6	257.2
-35°	0.0	8.5	21.1	35.6	53.7	76.4	104.7	137.5	173.8	211.0	246.5
-37.5°	0.0	8.3	20.4	34.5	52.8	74.8	102.6	134.1	168.3	203.5	236.0
-40°	0.0	8.0	19.7	33.3	51.6	73.5	100.1	130.4	162.7	196.6	225.8
-42.5°	0.0	7.8	19.0	32.1	50.4	71.8	97.3	126.2	157.5	187.9	215.0
-45°	0.0	7.5	18.1	31.1	48.9	69.9	94.0	121.9	152.2	178.6	203.8
-47.5°	0.0	7.2	17.3	29.9	47.3	67.6	90.3	117.6	146.5	169.0	193.0
-50°	0.0	6.9	16.4	28.6	45.4	65.1	87.0	112.7	138.6	160.0	181.9
-52.5°	0.0	6.5	15.4	27.3	43.3	62.2	83.4	107.3	130.5	150.9	170.5
-55°	0.0	6.2	14.4	25.8	41.0	59.2	79.5	101.7	122.1	141.4	160.2
-57.5°	0.0	5.8	13.4	24.2	38.5	55.8	75.3	96.4	113.4	131.5	149.6
-60°	0.0	5.4	12.3	22.4	35.8	52.1	70.7	89.9	104.4	121.2	138.5
-62.5°	0.0	5.0	11.5	20.5	32.9	48.2	65.6	82.6	95.6	110.5	126.5
-65°	0.0	4.6	10.5	18.5	29.8	44.0	60.1	75.0	86.4	99.5	114.1
-67.5°	0.0	4.2	9.6	16.4	26.5	39.4	54.3	66.9	76.8	88.0	100.8
-70°	0.0	3.8	8.6	14.2	23.1	34.5	48.2	58.6	67.0	76.1	86.7
-72.5°	0.0	3.3	7.6	12.4	19.4	29.2	41.2	50.1	57.1	64.5	72.5
-75°	0.0	2.9	6.6	10.7	15.7	23.8	33.8	41.1	46.9	52.8	59.1
-77.5°	0.0	2.4	5.5	9.0	13.0	18.2	26.2	32.0	36.8	41.1	45.4
-80°	0.0	1.9	4.4	7.2	10.4	14.0	18.3	22.8	26.7	30.2	33.2
-82.5°	0.0	1.4	3.3	5.4	7.8	10.5	13.5	15.0	16.6	19.2	21.5
-85°	0.0	1.0	2.2	3.6	5.2	7.0	9.0	10.0	10.8	11.4	11.9
-87.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.4	5.7	6.0
-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°	6.1	6.1	6.0	5.8	5.5	5.2	4.8	4.3	4.5	4.7	4.8
85°	12.1	12.1	13.1	14.1	14.5	14.6	14.3	13.7	15.5	17.5	19.7
82.5°	23.7	25.8	27.7	29.6	29.8	29.3	28.4	27.3	30.9	35.3	39.8
80°	36.4	39.4	42.9	46.2	46.9	46.6	45.6	44.0	48.7	55.4	62.6
77.5°	50.5	55.3	59.7	63.9	65.1	64.9	64.1	62.8	68.8	78.1	87.8
75°	65.3	71.2	76.9	82.0	84.2	84.4	84.1	85.5	93.5	104.4	114.0
72.5°	80.8	88.2	94.7	100.3	103.8	106.5	110.1	114.4	122.4	133.1	142.6
70°	97.2	105.4	112.3	118.5	123.9	129.7	137.2	144.6	153.0	163.7	173.5
67.5°	113.4	121.7	129.5	137.1	146.9	156.2	165.5	175.1	185.8	197.0	206.9
65°	128.4	137.8	147.3	158.4	171.1	181.6	193.0	205.6	219.6	232.2	243.7
62.5°	142.7	153.4	165.2	178.5	192.2	205.4	220.8	236.9	253.3	269.1	284.8
60°	154.9	168.2	182.4	197.5	213.3	231.3	249.3	268.5	288.0	307.1	326.5
57.5°	166.6	183.0	199.4	216.9	236.7	257.3	278.9	300.5	323.8	346.9	369.0
55°	178.7	198.0	216.7	237.5	260.1	284.3	308.7	334.9	360.7	389.7	416.6
52.5°	191.7	212.7	234.6	258.4	284.8	312.1	340.7	370.8	402.9	435.2	467.9
50°	204.3	228.0	252.4	280.9	310.4	341.6	374.6	409.7	447.0	484.4	524.0
47.5°	217.5	242.8	272.5	303.5	337.4	372.9	410.3	451.9	493.4	540.5	586.0
45°	230.5	259.6	291.9	327.9	365.1	405.0	449.5	495.2	548.3	601.5	661.1
42.5°	243.0	276.5	313.0	351.6	393.8	439.7	488.9	546.5	606.3	672.0	742.1
40°	257.4	292.7	333.9	376.9	422.7	475.1	534.4	598.4	671.2	749.1	828.8
37.5°	271.3	311.0	354.4	401.1	454.2	513.3	578.8	657.1	741.2	829.8	938.1
35°	284.4	328.5	375.6	426.7	484.2	552.8	631.0	717.6	814.5	928.7	1055.1
32.5°	298.2	344.9	395.5	452.9	518.1	592.9	681.8	783.6	898.3	1028.4	1186.6
30°	312.2	361.9	415.4	477.5	549.9	636.5	737.5	850.1	982.0	1145.3	1330.9
27.5°	325.2	377.8	436.3	503.5	581.0	676.8	791.1	923.1	1078.5	1263.0	1479.8
25°	337.1	392.2	455.6	528.2	615.1	720.2	844.2	990.3	1175.0	1395.0	1661.7
22.5°	348.4	405.4	473.0	550.5	645.9	762.3	901.8	1069.0	1273.2	1520.0	1839.9
20°	359.0	419.6	490.3	571.8	673.4	800.2	954.7	1142.5	1374.8	1667.0	2014.7
17.5°	368.4	432.1	506.6	594.9	704.1	838.8	1004.7	1207.4	1465.3	1798.3	2175.9
15°	376.4	443.0	520.8	614.8	731.7	877.2	1057.1	1278.5	1559.6	1917.7	2317.5
12.5°	383.1	452.0	532.7	631.6	754.9	909.6	1101.9	1341.9	1651.6	2030.2	2441.8
10°	388.4	459.3	542.3	645.2	773.6	935.9	1138.8	1393.7	1728.1	2126.5	2547.0
7.5°	392.8	465.0	549.6	655.4	787.8	956.1	1167.6	1433.7	1787.8	2202.9	2627.7
5°	396.0	469.0	555.2	662.6	798.2	970.1	1187.6	1461.7	1830.4	2258.2	2682.9
2.5°	397.7	471.2	558.3	666.4	804.6	978.0	1198.2	1479.3	1853.8	2289.7	2716.3
0°	398.1	471.6	559.1	666.9	806.4	979.5	1199.8	1484.8	1858.7	2297.9	2728.4
-2.5°	397.7	471.2	558.3	666.4	804.6	978.0	1198.2	1479.3	1853.8	2289.7	2716.3
-5°	396.0	469.0	555.2	662.6	798.2	970.1	1187.6	1461.7	1830.4	2258.2	2682.9
-7.5°	392.8	465.0	549.6	655.4	787.8	956.1	1167.6	1433.7	1787.8	2202.9	2627.7
-10°	388.4	459.3	542.3	645.2	773.6	935.9	1138.8	1393.7	1728.1	2126.5	2547.0
-12.5°	383.1	452.0	532.7	631.6	754.9	909.6	1101.9	1341.9	1651.6	2030.2	2441.8
-15°	376.4	443.0	520.8	614.8	731.7	877.2	1057.1	1278.5	1559.6	1917.7	2317.5
-17.5°	368.4	432.1	506.6	594.9	704.1	838.8	1004.7	1207.4	1465.3	1798.3	2175.9
-20°	359.0	419.6	490.3	571.8	673.4	800.2	954.7	1142.5	1374.8	1667.0	2014.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	348.4	405.4	473.0	550.5	645.9	762.3	901.8	1069.0	1273.2	1520.0	1839.9
-25°	337.1	392.2	455.6	528.2	615.1	720.2	844.2	990.3	1175.0	1395.0	1661.7
-27.5°	325.2	377.8	436.3	503.5	581.0	676.8	791.1	923.1	1078.5	1263.0	1479.8
-30°	312.2	361.9	415.4	477.5	549.9	636.5	737.5	850.1	982.0	1145.3	1330.9
-32.5°	298.2	344.9	395.5	452.9	518.1	592.9	681.8	783.6	898.3	1028.4	1186.6
-35°	284.4	328.5	375.6	426.7	484.2	552.8	631.0	717.6	814.5	928.7	1055.1
-37.5°	271.3	311.0	354.4	401.1	454.2	513.3	578.8	657.1	741.2	829.8	938.1
-40°	257.4	292.7	333.9	376.9	422.7	475.1	534.4	598.4	671.2	749.1	828.8
-42.5°	243.0	276.5	313.0	351.6	393.8	439.7	488.9	546.5	606.3	672.0	742.1
-45°	230.5	259.6	291.9	327.9	365.1	405.0	449.5	495.2	548.3	601.5	661.1
-47.5°	217.5	242.8	272.5	303.5	337.4	372.9	410.3	451.9	493.4	540.5	586.0
-50°	204.3	228.0	252.4	280.9	310.4	341.6	374.6	409.7	447.0	484.4	524.0
-52.5°	191.7	212.7	234.6	258.4	284.8	312.1	340.7	370.8	402.9	435.2	467.9
-55°	178.7	198.0	216.7	237.5	260.1	284.3	308.7	334.9	360.7	389.7	416.6
-57.5°	166.6	183.0	199.4	216.9	236.7	257.3	278.9	300.5	323.8	346.9	369.0
-60°	154.9	168.2	182.4	197.5	213.3	231.3	249.3	268.5	288.0	307.1	326.5
-62.5°	142.7	153.4	165.2	178.5	192.2	205.4	220.8	236.9	253.3	269.1	284.8
-65°	128.4	137.8	147.3	158.4	171.1	181.6	193.0	205.6	219.6	232.2	243.7
-67.5°	113.4	121.7	129.5	137.1	146.9	156.2	165.5	175.1	185.8	197.0	206.9
-70°	97.2	105.4	112.3	118.5	123.9	129.7	137.2	144.6	153.0	163.7	173.5
-72.5°	80.8	88.2	94.7	100.3	103.8	106.5	110.1	114.4	122.4	133.1	142.6
-75°	65.3	71.2	76.9	82.0	84.2	84.4	84.1	85.5	93.5	104.4	114.0
-77.5°	50.5	55.3	59.7	63.9	65.1	64.9	64.1	62.8	68.8	78.1	87.8
-80°	36.4	39.4	42.9	46.2	46.9	46.6	45.6	44.0	48.7	55.4	62.6
-82.5°	23.7	25.8	27.7	29.6	29.8	29.3	28.4	27.3	30.9	35.3	39.8
-85°	12.1	12.1	13.1	14.1	14.5	14.6	14.3	13.7	15.5	17.5	19.7
-87.5°	6.1	6.1	6.0	5.8	5.5	5.2	4.8	4.3	4.5	4.7	4.8
-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: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.0	4.9	4.7	4.5	4.3	4.2	4.1	4.0	3.9	3.6	3.3
85°	21.9	22.4	22.7	22.8	22.8	23.5	24.2	24.8	25.3	23.0	20.4
82.5°	44.6	46.6	48.5	50.3	52.1	53.3	54.3	54.9	55.4	50.1	44.3
80°	70.1	74.5	78.1	81.6	84.9	85.8	85.8	85.3	84.4	77.2	69.1
77.5°	97.5	103.3	107.8	112.4	116.8	118.5	119.3	119.9	120.3	111.4	100.5
75°	122.4	129.3	135.7	141.6	147.0	149.9	151.6	153.0	154.1	145.2	133.5
72.5°	150.7	158.0	164.9	171.5	177.3	181.1	183.6	185.7	187.3	182.2	174.9
70°	181.9	189.4	196.7	203.6	210.1	215.3	219.3	222.8	225.7	226.3	226.0
67.5°	216.5	225.4	234.0	241.5	249.2	256.5	262.9	268.3	272.6	275.4	276.9
65°	255.3	268.6	280.5	290.6	299.0	308.7	317.3	323.9	328.5	332.0	335.0
62.5°	301.1	317.3	330.8	344.2	358.1	371.5	379.9	388.4	396.6	404.4	411.0
60°	345.2	362.9	381.3	398.4	414.2	428.8	443.9	457.3	469.0	478.8	486.0
57.5°	392.1	413.7	434.6	456.3	476.7	495.8	514.4	531.7	546.5	559.1	569.3
55°	443.0	469.4	494.2	521.8	548.6	573.0	595.4	618.5	639.2	657.5	672.0
52.5°	497.9	532.3	565.2	597.6	632.2	663.5	691.5	723.5	751.7	775.1	793.3
50°	563.6	603.9	647.3	687.4	731.2	774.2	814.0	852.4	890.0	922.6	948.9
47.5°	638.3	687.8	741.6	794.9	849.2	908.0	960.6	1009.4	1062.0	1107.6	1144.3
45°	721.3	784.5	849.4	924.3	993.2	1068.9	1138.8	1201.7	1276.3	1342.0	1395.0
42.5°	813.4	897.6	983.0	1077.3	1168.7	1264.7	1366.7	1457.2	1556.2	1650.5	1726.7
40°	927.5	1028.2	1142.6	1256.7	1387.9	1511.3	1659.9	1794.9	1917.6	2030.0	2122.2
37.5°	1054.4	1184.0	1327.7	1476.3	1655.9	1832.0	2005.9	2170.1	2315.1	2438.2	2541.5
35°	1198.4	1363.1	1537.1	1754.1	1964.6	2175.4	2371.9	2551.4	2709.1	2847.9	2966.0
32.5°	1364.0	1561.7	1805.3	2049.1	2289.2	2521.3	2737.1	2932.8	3105.7	3261.6	3397.4
30°	1538.2	1807.9	2081.4	2348.8	2611.0	2865.3	3102.0	3317.6	3513.0	3686.6	3843.0
27.5°	1759.5	2058.4	2356.6	2644.8	2933.3	3211.6	3468.1	3707.7	3931.9	4128.1	4306.9
25°	1973.5	2303.8	2620.7	2935.0	3249.0	3547.8	3834.7	4105.2	4362.0	4587.2	4786.8
22.5°	2187.6	2533.2	2871.9	3209.8	3547.2	3880.3	4202.4	4512.4	4799.5	5055.9	5280.7
20°	2385.8	2747.2	3109.3	3473.6	3839.3	4204.0	4565.7	4914.5	5234.5	5530.5	5790.6
17.5°	2563.5	2947.8	3331.8	3721.5	4117.9	4513.8	4915.6	5306.6	5672.4	6009.2	6311.0
15°	2720.9	3121.9	3534.3	3954.8	4380.4	4810.4	5248.8	5686.3	6098.0	6480.6	6817.5
12.5°	2858.5	3275.4	3707.6	4154.4	4616.3	5084.8	5563.3	6042.9	6498.6	6940.3	7304.1
10°	2972.0	3405.9	3857.8	4327.2	4814.3	5318.5	5831.9	6348.1	6850.2	7318.8	7734.7
7.5°	3059.7	3509.9	3975.4	4463.7	4974.7	5506.4	6050.3	6598.1	7134.0	7638.8	8099.1
5°	3121.6	3585.5	4056.9	4564.8	5093.6	5644.6	6209.9	6780.7	7340.9	7871.7	8348.7
2.5°	3157.5	3630.9	4104.4	4626.3	5164.4	5728.2	6308.8	6889.1	7464.0	8014.5	8504.8
0°	3166.9	3644.6	4131.6	4632.8	5186.6	5767.3	6327.1	6909.2	7506.7	8049.7	8538.1
-2.5°	3157.5	3630.9	4104.4	4626.3	5164.4	5728.2	6308.8	6889.1	7464.0	8014.5	8504.8
-5°	3121.6	3585.5	4056.9	4564.8	5093.6	5644.6	6209.9	6780.7	7340.9	7871.7	8348.7
-7.5°	3059.7	3509.9	3975.4	4463.7	4974.7	5506.4	6050.3	6598.1	7134.0	7638.8	8099.1
-10°	2972.0	3405.9	3857.8	4327.2	4814.3	5318.5	5831.9	6348.1	6850.2	7318.8	7734.7
-12.5°	2858.5	3275.4	3707.6	4154.4	4616.3	5084.8	5563.3	6042.9	6498.6	6940.3	7304.1
-15°	2720.9	3121.9	3534.3	3954.8	4380.4	4810.4	5248.8	5686.3	6098.0	6480.6	6817.5
-17.5°	2563.5	2947.8	3331.8	3721.5	4117.9	4513.8	4915.6	5306.6	5672.4	6009.2	6311.0
-20°	2385.8	2747.2	3109.3	3473.6	3839.3	4204.0	4565.7	4914.5	5234.5	5530.5	5790.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2187.6	2533.2	2871.9	3209.8	3547.2	3880.3	4202.4	4512.4	4799.5	5055.9	5280.7
-25°	1973.5	2303.8	2620.7	2935.0	3249.0	3547.8	3834.7	4105.2	4362.0	4587.2	4786.8
-27.5°	1759.5	2058.4	2356.6	2644.8	2933.3	3211.6	3468.1	3707.7	3931.9	4128.1	4306.9
-30°	1538.2	1807.9	2081.4	2348.8	2611.0	2865.3	3102.0	3317.6	3513.0	3686.6	3843.0
-32.5°	1364.0	1561.7	1805.3	2049.1	2289.2	2521.3	2737.1	2932.8	3105.7	3261.6	3397.4
-35°	1198.4	1363.1	1537.1	1754.1	1964.6	2175.4	2371.9	2551.4	2709.1	2847.9	2966.0
-37.5°	1054.4	1184.0	1327.7	1476.3	1655.9	1832.0	2005.9	2170.1	2315.1	2438.2	2541.5
-40°	927.5	1028.2	1142.6	1256.7	1387.9	1511.3	1659.9	1794.9	1917.6	2030.0	2122.2
-42.5°	813.4	897.6	983.0	1077.3	1168.7	1264.7	1366.7	1457.2	1556.2	1650.5	1726.7
-45°	721.3	784.5	849.4	924.3	993.2	1068.9	1138.8	1201.7	1276.3	1342.0	1395.0
-47.5°	638.3	687.8	741.6	794.9	849.2	908.0	960.6	1009.4	1062.0	1107.6	1144.3
-50°	563.6	603.9	647.3	687.4	731.2	774.2	814.0	852.4	890.0	922.6	948.9
-52.5°	497.9	532.3	565.2	597.6	632.2	663.5	691.5	723.5	751.7	775.1	793.3
-55°	443.0	469.4	494.2	521.8	548.6	573.0	595.4	618.5	639.2	657.5	672.0
-57.5°	392.1	413.7	434.6	456.3	476.7	495.8	514.4	531.7	546.5	559.1	569.3
-60°	345.2	362.9	381.3	398.4	414.2	428.8	443.9	457.3	469.0	478.8	486.0
-62.5°	301.1	317.3	330.8	344.2	358.1	371.5	379.9	388.4	396.6	404.4	411.0
-65°	255.3	268.6	280.5	290.6	299.0	308.7	317.3	323.9	328.5	332.0	335.0
-67.5°	216.5	225.4	234.0	241.5	249.2	256.5	262.9	268.3	272.6	275.4	276.9
-70°	181.9	189.4	196.7	203.6	210.1	215.3	219.3	222.8	225.7	226.3	226.0
-72.5°	150.7	158.0	164.9	171.5	177.3	181.1	183.6	185.7	187.3	182.2	174.9
-75°	122.4	129.3	135.7	141.6	147.0	149.9	151.6	153.0	154.1	145.2	133.5
-77.5°	97.5	103.3	107.8	112.4	116.8	118.5	119.3	119.9	120.3	111.4	100.5
-80°	70.1	74.5	78.1	81.6	84.9	85.8	85.8	85.3	84.4	77.2	69.1
-82.5°	44.6	46.6	48.5	50.3	52.1	53.3	54.3	54.9	55.4	50.1	44.3
-85°	21.9	22.4	22.7	22.8	22.8	23.5	24.2	24.8	25.3	23.0	20.4
-87.5°	5.0	4.9	4.7	4.5	4.3	4.2	4.1	4.0	3.9	3.6	3.3
-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: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	2.7	2.3	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.0
85°	17.6	14.7	14.4	14.1	14.4	14.7	17.6	20.4	23.0	25.3	24.8
82.5°	38.1	31.6	30.6	29.6	30.6	31.6	38.1	44.3	50.1	55.4	54.9
80°	60.6	51.9	50.2	48.5	50.2	51.9	60.6	69.1	77.2	84.4	85.3
77.5°	88.9	76.9	73.4	70.1	73.4	76.9	88.9	100.5	111.4	120.3	119.9
75°	121.3	108.7	104.4	100.4	104.4	108.7	121.3	133.5	145.2	154.1	153.0
72.5°	167.4	159.7	152.0	143.5	152.0	159.7	167.4	174.9	182.2	187.3	185.7
70°	225.8	225.2	223.3	220.3	223.3	225.2	225.8	226.0	226.3	225.7	222.8
67.5°	277.6	277.4	278.1	278.2	278.1	277.4	277.6	276.9	275.4	272.6	268.3
65°	336.9	337.5	338.9	339.5	338.9	337.5	336.9	335.0	332.0	328.5	323.9
62.5°	416.1	419.6	421.2	421.0	421.2	419.6	416.1	411.0	404.4	396.6	388.4
60°	491.5	495.0	497.2	497.8	497.2	495.0	491.5	486.0	478.8	469.0	457.3
57.5°	577.4	583.2	586.3	586.8	586.3	583.2	577.4	569.3	559.1	546.5	531.7
55°	683.0	690.8	694.3	693.9	694.3	690.8	683.0	672.0	657.5	639.2	618.5
52.5°	807.1	816.6	823.6	827.9	823.6	816.6	807.1	793.3	775.1	751.7	723.5
50°	968.7	982.2	990.8	994.3	990.8	982.2	968.7	948.9	922.6	890.0	852.4
47.5°	1170.7	1188.7	1202.0	1211.3	1202.0	1188.7	1170.7	1144.3	1107.6	1062.0	1009.4
45°	1434.0	1461.4	1480.0	1490.8	1480.0	1461.4	1434.0	1395.0	1342.0	1276.3	1201.7
42.5°	1786.2	1828.7	1854.7	1864.7	1854.7	1828.7	1786.2	1726.7	1650.5	1556.2	1457.2
40°	2195.0	2246.0	2279.5	2302.6	2279.5	2246.0	2195.0	2122.2	2030.0	1917.6	1794.9
37.5°	2620.7	2674.3	2706.9	2729.0	2706.9	2674.3	2620.7	2541.5	2438.2	2315.1	2170.1
35°	3055.0	3111.1	3141.7	3158.8	3141.7	3111.1	3055.0	2966.0	2847.9	2709.1	2551.4
32.5°	3500.9	3562.7	3596.0	3630.4	3596.0	3562.7	3500.9	3397.4	3261.6	3105.7	2932.8
30°	3966.7	4037.6	4072.4	4089.2	4072.4	4037.6	3966.7	3843.0	3686.6	3513.0	3317.6
27.5°	4451.3	4539.7	4583.3	4611.9	4583.3	4539.7	4451.3	4306.9	4128.1	3931.9	3707.7
25°	4955.5	5065.1	5115.0	5159.6	5115.0	5065.1	4955.5	4786.8	4587.2	4362.0	4105.2
22.5°	5478.7	5615.2	5672.9	5704.6	5672.9	5615.2	5478.7	5280.7	5055.9	4799.5	4512.4
20°	6015.5	6178.5	6258.9	6300.2	6258.9	6178.5	6015.5	5790.6	5530.5	5234.5	4914.5
17.5°	6564.4	6767.3	6871.1	6895.0	6871.1	6767.3	6564.4	6311.0	6009.2	5672.4	5306.6
15°	7103.3	7322.7	7445.5	7490.5	7445.5	7322.7	7103.3	6817.5	6480.6	6098.0	5686.3
12.5°	7613.7	7841.1	7987.9	8014.0	7987.9	7841.1	7613.7	7304.1	6940.3	6498.6	6042.9
10°	8076.5	8312.1	8474.2	8511.2	8474.2	8312.1	8076.5	7734.7	7318.8	6850.2	6348.1
7.5°	8463.5	8722.0	8901.1	8932.2	8901.1	8722.0	8463.5	8099.1	7638.8	7134.0	6598.1
5°	8746.6	9053.5	9200.5	9237.4	9200.5	9053.5	8746.6	8348.7	7871.7	7340.9	6780.7
2.5°	8901.9	9214.3	9418.6	9395.0	9418.6	9214.3	8901.9	8504.8	8014.5	7464.0	6889.1
0°	8919.4	9246.1	9441.5	9531.8	9441.5	9246.1	8919.4	8538.1	8049.7	7506.7	6909.2
-2.5°	8901.9	9214.3	9418.6	9395.0	9418.6	9214.3	8901.9	8504.8	8014.5	7464.0	6889.1
-5°	8746.6	9053.5	9200.5	9237.4	9200.5	9053.5	8746.6	8348.7	7871.7	7340.9	6780.7
-7.5°	8463.5	8722.0	8901.1	8932.2	8901.1	8722.0	8463.5	8099.1	7638.8	7134.0	6598.1
-10°	8076.5	8312.1	8474.2	8511.2	8474.2	8312.1	8076.5	7734.7	7318.8	6850.2	6348.1
-12.5°	7613.7	7841.1	7987.9	8014.0	7987.9	7841.1	7613.7	7304.1	6940.3	6498.6	6042.9
-15°	7103.3	7322.7	7445.5	7490.5	7445.5	7322.7	7103.3	6817.5	6480.6	6098.0	5686.3
-17.5°	6564.4	6767.3	6871.1	6895.0	6871.1	6767.3	6564.4	6311.0	6009.2	5672.4	5306.6
-20°	6015.5	6178.5	6258.9	6300.2	6258.9	6178.5	6015.5	5790.6	5530.5	5234.5	4914.5



REPORT NUMBER: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5478.7	5615.2	5672.9	5704.6	5672.9	5615.2	5478.7	5280.7	5055.9	4799.5	4512.4
-25°	4955.5	5065.1	5115.0	5159.6	5115.0	5065.1	4955.5	4786.8	4587.2	4362.0	4105.2
-27.5°	4451.3	4539.7	4583.3	4611.9	4583.3	4539.7	4451.3	4306.9	4128.1	3931.9	3707.7
-30°	3966.7	4037.6	4072.4	4089.2	4072.4	4037.6	3966.7	3843.0	3686.6	3513.0	3317.6
-32.5°	3500.9	3562.7	3596.0	3630.4	3596.0	3562.7	3500.9	3397.4	3261.6	3105.7	2932.8
-35°	3055.0	3111.1	3141.7	3158.8	3141.7	3111.1	3055.0	2966.0	2847.9	2709.1	2551.4
-37.5°	2620.7	2674.3	2706.9	2729.0	2706.9	2674.3	2620.7	2541.5	2438.2	2315.1	2170.1
-40°	2195.0	2246.0	2279.5	2302.6	2279.5	2246.0	2195.0	2122.2	2030.0	1917.6	1794.9
-42.5°	1786.2	1828.7	1854.7	1864.7	1854.7	1828.7	1786.2	1726.7	1650.5	1556.2	1457.2
-45°	1434.0	1461.4	1480.0	1490.8	1480.0	1461.4	1434.0	1395.0	1342.0	1276.3	1201.7
-47.5°	1170.7	1188.7	1202.0	1211.3	1202.0	1188.7	1170.7	1144.3	1107.6	1062.0	1009.4
-50°	968.7	982.2	990.8	994.3	990.8	982.2	968.7	948.9	922.6	890.0	852.4
-52.5°	807.1	816.6	823.6	827.9	823.6	816.6	807.1	793.3	775.1	751.7	723.5
-55°	683.0	690.8	694.3	693.9	694.3	690.8	683.0	672.0	657.5	639.2	618.5
-57.5°	577.4	583.2	586.3	586.8	586.3	583.2	577.4	569.3	559.1	546.5	531.7
-60°	491.5	495.0	497.2	497.8	497.2	495.0	491.5	486.0	478.8	469.0	457.3
-62.5°	416.1	419.6	421.2	421.0	421.2	419.6	416.1	411.0	404.4	396.6	388.4
-65°	336.9	337.5	338.9	339.5	338.9	337.5	336.9	335.0	332.0	328.5	323.9
-67.5°	277.6	277.4	278.1	278.2	278.1	277.4	277.6	276.9	275.4	272.6	268.3
-70°	225.8	225.2	223.3	220.3	223.3	225.2	225.8	226.0	226.3	225.7	222.8
-72.5°	167.4	159.7	152.0	143.5	152.0	159.7	167.4	174.9	182.2	187.3	185.7
-75°	121.3	108.7	104.4	100.4	104.4	108.7	121.3	133.5	145.2	154.1	153.0
-77.5°	88.9	76.9	73.4	70.1	73.4	76.9	88.9	100.5	111.4	120.3	119.9
-80°	60.6	51.9	50.2	48.5	50.2	51.9	60.6	69.1	77.2	84.4	85.3
-82.5°	38.1	31.6	30.6	29.6	30.6	31.6	38.1	44.3	50.1	55.4	54.9
-85°	17.6	14.7	14.4	14.1	14.4	14.7	17.6	20.4	23.0	25.3	24.8
-87.5°	3.0	2.7	2.3	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.2	4.3	4.5	4.7	4.9	5.0	4.8	4.7	4.5	4.3
85°	24.2	23.5	22.8	22.8	22.7	22.4	21.9	19.7	17.5	15.5	13.7
82.5°	54.3	53.3	52.1	50.3	48.5	46.6	44.6	39.8	35.3	30.9	27.3
80°	85.8	85.8	84.9	81.6	78.1	74.5	70.1	62.6	55.4	48.7	44.0
77.5°	119.3	118.5	116.8	112.4	107.8	103.3	97.5	87.8	78.1	68.8	62.8
75°	151.6	149.9	147.0	141.6	135.7	129.3	122.4	114.0	104.4	93.5	85.5
72.5°	183.6	181.1	177.3	171.5	164.9	158.0	150.7	142.6	133.1	122.4	114.4
70°	219.3	215.3	210.1	203.6	196.7	189.4	181.9	173.5	163.7	153.0	144.6
67.5°	262.9	256.5	249.2	241.5	234.0	225.4	216.5	206.9	197.0	185.8	175.1
65°	317.3	308.7	299.0	290.6	280.5	268.6	255.3	243.7	232.2	219.6	205.6
62.5°	379.9	371.5	358.1	344.2	330.8	317.3	301.1	284.8	269.1	253.3	236.9
60°	443.9	428.8	414.2	398.4	381.3	362.9	345.2	326.5	307.1	288.0	268.5
57.5°	514.4	495.8	476.7	456.3	434.6	413.7	392.1	369.0	346.9	323.8	300.5
55°	595.4	573.0	548.6	521.8	494.2	469.4	443.0	416.6	389.7	360.7	334.9
52.5°	691.5	663.5	632.2	597.6	565.2	532.3	497.9	467.9	435.2	402.9	370.8
50°	814.0	774.2	731.2	687.4	647.3	603.9	563.6	524.0	484.4	447.0	409.7
47.5°	960.6	908.0	849.2	794.9	741.6	687.8	638.3	586.0	540.5	493.4	451.9
45°	1138.8	1068.9	993.2	924.3	849.4	784.5	721.3	661.1	601.5	548.3	495.2
42.5°	1366.7	1264.7	1168.7	1077.3	983.0	897.6	813.4	742.1	672.0	606.3	546.5
40°	1659.9	1511.3	1387.9	1256.7	1142.6	1028.2	927.5	828.8	749.1	671.2	598.4
37.5°	2005.9	1832.0	1655.9	1476.3	1327.7	1184.0	1054.4	938.1	829.8	741.2	657.1
35°	2371.9	2175.4	1964.6	1754.1	1537.1	1363.1	1198.4	1055.1	928.7	814.5	717.6
32.5°	2737.1	2521.3	2289.2	2049.1	1805.3	1561.7	1364.0	1186.6	1028.4	898.3	783.6
30°	3102.0	2865.3	2611.0	2348.8	2081.4	1807.9	1538.2	1330.9	1145.3	982.0	850.1
27.5°	3468.1	3211.6	2933.3	2644.8	2356.6	2058.4	1759.5	1479.8	1263.0	1078.5	923.1
25°	3834.7	3547.8	3249.0	2935.0	2620.7	2303.8	1973.5	1661.7	1395.0	1175.0	990.3
22.5°	4202.4	3880.3	3547.2	3209.8	2871.9	2533.2	2187.6	1839.9	1520.0	1273.2	1069.0
20°	4565.7	4204.0	3839.3	3473.6	3109.3	2747.2	2385.8	2014.7	1667.0	1374.8	1142.5
17.5°	4915.6	4513.8	4117.9	3721.5	3331.8	2947.8	2563.5	2175.9	1798.3	1465.3	1207.4
15°	5248.8	4810.4	4380.4	3954.8	3534.3	3121.9	2720.9	2317.5	1917.7	1559.6	1278.5
12.5°	5563.3	5084.8	4616.3	4154.4	3707.6	3275.4	2858.5	2441.8	2030.2	1651.6	1341.9
10°	5831.9	5318.5	4814.3	4327.2	3857.8	3405.9	2972.0	2547.0	2126.5	1728.1	1393.7
7.5°	6050.3	5506.4	4974.7	4463.7	3975.4	3509.9	3059.7	2627.7	2202.9	1787.8	1433.7
5°	6209.9	5644.6	5093.6	4564.8	4056.9	3585.5	3121.6	2682.9	2258.2	1830.4	1461.7
2.5°	6308.8	5728.2	5164.4	4626.3	4104.4	3630.9	3157.5	2716.3	2289.7	1853.8	1479.3
0°	6327.1	5767.3	5186.6	4632.8	4131.6	3644.6	3166.9	2728.4	2297.9	1858.7	1484.8
-2.5°	6308.8	5728.2	5164.4	4626.3	4104.4	3630.9	3157.5	2716.3	2289.7	1853.8	1479.3
-5°	6209.9	5644.6	5093.6	4564.8	4056.9	3585.5	3121.6	2682.9	2258.2	1830.4	1461.7
-7.5°	6050.3	5506.4	4974.7	4463.7	3975.4	3509.9	3059.7	2627.7	2202.9	1787.8	1433.7
-10°	5831.9	5318.5	4814.3	4327.2	3857.8	3405.9	2972.0	2547.0	2126.5	1728.1	1393.7
-12.5°	5563.3	5084.8	4616.3	4154.4	3707.6	3275.4	2858.5	2441.8	2030.2	1651.6	1341.9
-15°	5248.8	4810.4	4380.4	3954.8	3534.3	3121.9	2720.9	2317.5	1917.7	1559.6	1278.5
-17.5°	4915.6	4513.8	4117.9	3721.5	3331.8	2947.8	2563.5	2175.9	1798.3	1465.3	1207.4
-20°	4565.7	4204.0	3839.3	3473.6	3109.3	2747.2	2385.8	2014.7	1667.0	1374.8	1142.5



REPORT NUMBER: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4202.4	3880.3	3547.2	3209.8	2871.9	2533.2	2187.6	1839.9	1520.0	1273.2	1069.0
-25°	3834.7	3547.8	3249.0	2935.0	2620.7	2303.8	1973.5	1661.7	1395.0	1175.0	990.3
-27.5°	3468.1	3211.6	2933.3	2644.8	2356.6	2058.4	1759.5	1479.8	1263.0	1078.5	923.1
-30°	3102.0	2865.3	2611.0	2348.8	2081.4	1807.9	1538.2	1330.9	1145.3	982.0	850.1
-32.5°	2737.1	2521.3	2289.2	2049.1	1805.3	1561.7	1364.0	1186.6	1028.4	898.3	783.6
-35°	2371.9	2175.4	1964.6	1754.1	1537.1	1363.1	1198.4	1055.1	928.7	814.5	717.6
-37.5°	2005.9	1832.0	1655.9	1476.3	1327.7	1184.0	1054.4	938.1	829.8	741.2	657.1
-40°	1659.9	1511.3	1387.9	1256.7	1142.6	1028.2	927.5	828.8	749.1	671.2	598.4
-42.5°	1366.7	1264.7	1168.7	1077.3	983.0	897.6	813.4	742.1	672.0	606.3	546.5
-45°	1138.8	1068.9	993.2	924.3	849.4	784.5	721.3	661.1	601.5	548.3	495.2
-47.5°	960.6	908.0	849.2	794.9	741.6	687.8	638.3	586.0	540.5	493.4	451.9
-50°	814.0	774.2	731.2	687.4	647.3	603.9	563.6	524.0	484.4	447.0	409.7
-52.5°	691.5	663.5	632.2	597.6	565.2	532.3	497.9	467.9	435.2	402.9	370.8
-55°	595.4	573.0	548.6	521.8	494.2	469.4	443.0	416.6	389.7	360.7	334.9
-57.5°	514.4	495.8	476.7	456.3	434.6	413.7	392.1	369.0	346.9	323.8	300.5
-60°	443.9	428.8	414.2	398.4	381.3	362.9	345.2	326.5	307.1	288.0	268.5
-62.5°	379.9	371.5	358.1	344.2	330.8	317.3	301.1	284.8	269.1	253.3	236.9
-65°	317.3	308.7	299.0	290.6	280.5	268.6	255.3	243.7	232.2	219.6	205.6
-67.5°	262.9	256.5	249.2	241.5	234.0	225.4	216.5	206.9	197.0	185.8	175.1
-70°	219.3	215.3	210.1	203.6	196.7	189.4	181.9	173.5	163.7	153.0	144.6
-72.5°	183.6	181.1	177.3	171.5	164.9	158.0	150.7	142.6	133.1	122.4	114.4
-75°	151.6	149.9	147.0	141.6	135.7	129.3	122.4	114.0	104.4	93.5	85.5
-77.5°	119.3	118.5	116.8	112.4	107.8	103.3	97.5	87.8	78.1	68.8	62.8
-80°	85.8	85.8	84.9	81.6	78.1	74.5	70.1	62.6	55.4	48.7	44.0
-82.5°	54.3	53.3	52.1	50.3	48.5	46.6	44.6	39.8	35.3	30.9	27.3
-85°	24.2	23.5	22.8	22.8	22.7	22.4	21.9	19.7	17.5	15.5	13.7
-87.5°	4.1	4.2	4.3	4.5	4.7	4.9	5.0	4.8	4.7	4.5	4.3
-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: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	5.2	5.5	5.8	6.0	6.1	6.1	6.0	5.7	5.4	5.0
85°	14.3	14.6	14.5	14.1	13.1	12.1	12.1	11.9	11.4	10.8	10.0
82.5°	28.4	29.3	29.8	29.6	27.7	25.8	23.7	21.5	19.2	16.6	15.0
80°	45.6	46.6	46.9	46.2	42.9	39.4	36.4	33.2	30.2	26.7	22.8
77.5°	64.1	64.9	65.1	63.9	59.7	55.3	50.5	45.4	41.1	36.8	32.0
75°	84.1	84.4	84.2	82.0	76.9	71.2	65.3	59.1	52.8	46.9	41.1
72.5°	110.1	106.5	103.8	100.3	94.7	88.2	80.8	72.5	64.5	57.1	50.1
70°	137.2	129.7	123.9	118.5	112.3	105.4	97.2	86.7	76.1	67.0	58.6
67.5°	165.5	156.2	146.9	137.1	129.5	121.7	113.4	100.8	88.0	76.8	66.9
65°	193.0	181.6	171.1	158.4	147.3	137.8	128.4	114.1	99.5	86.4	75.0
62.5°	220.8	205.4	192.2	178.5	165.2	153.4	142.7	126.5	110.5	95.6	82.6
60°	249.3	231.3	213.3	197.5	182.4	168.2	154.9	138.5	121.2	104.4	89.9
57.5°	278.9	257.3	236.7	216.9	199.4	183.0	166.6	149.6	131.5	113.4	96.4
55°	308.7	284.3	260.1	237.5	216.7	198.0	178.7	160.2	141.4	122.1	101.7
52.5°	340.7	312.1	284.8	258.4	234.6	212.7	191.7	170.5	150.9	130.5	107.3
50°	374.6	341.6	310.4	280.9	252.4	228.0	204.3	181.9	160.0	138.6	112.7
47.5°	410.3	372.9	337.4	303.5	272.5	242.8	217.5	193.0	169.0	146.5	117.6
45°	449.5	405.0	365.1	327.9	291.9	259.6	230.5	203.8	178.6	152.2	121.9
42.5°	488.9	439.7	393.8	351.6	313.0	276.5	243.0	215.0	187.9	157.5	126.2
40°	534.4	475.1	422.7	376.9	333.9	292.7	257.4	225.8	196.6	162.7	130.4
37.5°	578.8	513.3	454.2	401.1	354.4	311.0	271.3	236.0	203.5	168.3	134.1
35°	631.0	552.8	484.2	426.7	375.6	328.5	284.4	246.5	211.0	173.8	137.5
32.5°	681.8	592.9	518.1	452.9	395.5	344.9	298.2	257.2	218.6	179.0	140.4
30°	737.5	636.5	549.9	477.5	415.4	361.9	312.2	267.3	226.3	183.9	143.3
27.5°	791.1	676.8	581.0	503.5	436.3	377.8	325.2	276.8	234.1	189.0	146.8
25°	844.2	720.2	615.1	528.2	455.6	392.2	337.1	285.7	241.7	194.7	150.0
22.5°	901.8	762.3	645.9	550.5	473.0	405.4	348.4	295.3	248.6	200.1	152.8
20°	954.7	800.2	673.4	571.8	490.3	419.6	359.0	304.0	254.9	205.3	155.2
17.5°	1004.7	838.8	704.1	594.9	506.6	432.1	368.4	311.6	260.4	210.0	157.1
15°	1057.1	877.2	731.7	614.8	520.8	443.0	376.4	318.2	265.2	214.2	158.9
12.5°	1101.9	909.6	754.9	631.6	532.7	452.0	383.1	323.6	269.1	217.9	160.5
10°	1138.8	935.9	773.6	645.2	542.3	459.3	388.4	328.0	272.4	220.7	161.4
7.5°	1167.6	956.1	787.8	655.4	549.6	465.0	392.8	331.4	275.0	222.6	161.6
5°	1187.6	970.1	798.2	662.6	555.2	469.0	396.0	333.7	276.8	223.7	161.1
2.5°	1198.2	978.0	804.6	666.4	558.3	471.2	397.7	334.8	277.7	223.8	160.0
0°	1199.8	979.5	806.4	666.9	559.1	471.6	398.1	334.8	277.6	223.0	158.3
-2.5°	1198.2	978.0	804.6	666.4	558.3	471.2	397.7	334.8	277.7	223.8	160.0
-5°	1187.6	970.1	798.2	662.6	555.2	469.0	396.0	333.7	276.8	223.7	161.1
-7.5°	1167.6	956.1	787.8	655.4	549.6	465.0	392.8	331.4	275.0	222.6	161.6
-10°	1138.8	935.9	773.6	645.2	542.3	459.3	388.4	328.0	272.4	220.7	161.4
-12.5°	1101.9	909.6	754.9	631.6	532.7	452.0	383.1	323.6	269.1	217.9	160.5
-15°	1057.1	877.2	731.7	614.8	520.8	443.0	376.4	318.2	265.2	214.2	158.9
-17.5°	1004.7	838.8	704.1	594.9	506.6	432.1	368.4	311.6	260.4	210.0	157.1
-20°	954.7	800.2	673.4	571.8	490.3	419.6	359.0	304.0	254.9	205.3	155.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	901.8	762.3	645.9	550.5	473.0	405.4	348.4	295.3	248.6	200.1	152.8
-25°	844.2	720.2	615.1	528.2	455.6	392.2	337.1	285.7	241.7	194.7	150.0
-27.5°	791.1	676.8	581.0	503.5	436.3	377.8	325.2	276.8	234.1	189.0	146.8
-30°	737.5	636.5	549.9	477.5	415.4	361.9	312.2	267.3	226.3	183.9	143.3
-32.5°	681.8	592.9	518.1	452.9	395.5	344.9	298.2	257.2	218.6	179.0	140.4
-35°	631.0	552.8	484.2	426.7	375.6	328.5	284.4	246.5	211.0	173.8	137.5
-37.5°	578.8	513.3	454.2	401.1	354.4	311.0	271.3	236.0	203.5	168.3	134.1
-40°	534.4	475.1	422.7	376.9	333.9	292.7	257.4	225.8	196.6	162.7	130.4
-42.5°	488.9	439.7	393.8	351.6	313.0	276.5	243.0	215.0	187.9	157.5	126.2
-45°	449.5	405.0	365.1	327.9	291.9	259.6	230.5	203.8	178.6	152.2	121.9
-47.5°	410.3	372.9	337.4	303.5	272.5	242.8	217.5	193.0	169.0	146.5	117.6
-50°	374.6	341.6	310.4	280.9	252.4	228.0	204.3	181.9	160.0	138.6	112.7
-52.5°	340.7	312.1	284.8	258.4	234.6	212.7	191.7	170.5	150.9	130.5	107.3
-55°	308.7	284.3	260.1	237.5	216.7	198.0	178.7	160.2	141.4	122.1	101.7
-57.5°	278.9	257.3	236.7	216.9	199.4	183.0	166.6	149.6	131.5	113.4	96.4
-60°	249.3	231.3	213.3	197.5	182.4	168.2	154.9	138.5	121.2	104.4	89.9
-62.5°	220.8	205.4	192.2	178.5	165.2	153.4	142.7	126.5	110.5	95.6	82.6
-65°	193.0	181.6	171.1	158.4	147.3	137.8	128.4	114.1	99.5	86.4	75.0
-67.5°	165.5	156.2	146.9	137.1	129.5	121.7	113.4	100.8	88.0	76.8	66.9
-70°	137.2	129.7	123.9	118.5	112.3	105.4	97.2	86.7	76.1	67.0	58.6
-72.5°	110.1	106.5	103.8	100.3	94.7	88.2	80.8	72.5	64.5	57.1	50.1
-75°	84.1	84.4	84.2	82.0	76.9	71.2	65.3	59.1	52.8	46.9	41.1
-77.5°	64.1	64.9	65.1	63.9	59.7	55.3	50.5	45.4	41.1	36.8	32.0
-80°	45.6	46.6	46.9	46.2	42.9	39.4	36.4	33.2	30.2	26.7	22.8
-82.5°	28.4	29.3	29.8	29.6	27.7	25.8	23.7	21.5	19.2	16.6	15.0
-85°	14.3	14.6	14.5	14.1	13.1	12.1	12.1	11.9	11.4	10.8	10.0
-87.5°	4.8	5.2	5.5	5.8	6.0	6.1	6.1	6.0	5.7	5.4	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: P626873 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
85°	9.0	7.0	5.2	3.6	2.2	1.0	0.0
82.5°	13.5	10.5	7.8	5.4	3.3	1.4	0.0
80°	18.3	14.0	10.4	7.2	4.4	1.9	0.0
77.5°	26.2	18.2	13.0	9.0	5.5	2.4	0.0
75°	33.8	23.8	15.7	10.7	6.6	2.9	0.0
72.5°	41.2	29.2	19.4	12.4	7.6	3.3	0.0
70°	48.2	34.5	23.1	14.2	8.6	3.8	0.0
67.5°	54.3	39.4	26.5	16.4	9.6	4.2	0.0
65°	60.1	44.0	29.8	18.5	10.5	4.6	0.0
62.5°	65.6	48.2	32.9	20.5	11.5	5.0	0.0
60°	70.7	52.1	35.8	22.4	12.3	5.4	0.0
57.5°	75.3	55.8	38.5	24.2	13.4	5.8	0.0
55°	79.5	59.2	41.0	25.8	14.4	6.2	0.0
52.5°	83.4	62.2	43.3	27.3	15.4	6.5	0.0
50°	87.0	65.1	45.4	28.6	16.4	6.9	0.0
47.5°	90.3	67.6	47.3	29.9	17.3	7.2	0.0
45°	94.0	69.9	48.9	31.1	18.1	7.5	0.0
42.5°	97.3	71.8	50.4	32.1	19.0	7.8	0.0
40°	100.1	73.5	51.6	33.3	19.7	8.0	0.0
37.5°	102.6	74.8	52.8	34.5	20.4	8.3	0.0
35°	104.7	76.4	53.7	35.6	21.1	8.5	0.0
32.5°	106.5	77.8	54.4	36.6	21.7	8.7	0.0
30°	108.6	78.9	54.9	37.5	22.2	8.9	0.0
27.5°	110.4	79.7	56.1	38.3	22.7	9.0	0.0
25°	111.7	80.2	57.2	39.0	23.1	9.2	0.0
22.5°	112.6	80.9	58.2	39.6	23.5	9.3	0.0
20°	113.2	82.3	59.0	40.1	23.8	9.4	0.0
17.5°	114.4	83.5	59.8	40.5	24.1	9.5	0.0
15°	116.0	84.5	60.3	40.8	24.3	9.5	0.0
12.5°	117.1	85.2	60.7	41.0	24.5	9.5	0.0
10°	117.8	85.6	61.0	41.1	24.5	9.5	0.0
7.5°	118.0	85.8	61.1	41.0	24.6	9.5	0.0
5°	117.9	85.8	61.1	40.9	24.5	9.5	0.0
2.5°	117.4	85.4	60.9	40.7	24.4	9.5	0.0
0°	116.5	84.9	60.6	40.4	24.3	9.4	0.0
-2.5°	117.4	85.4	60.9	40.7	24.4	9.5	0.0
-5°	117.9	85.8	61.1	40.9	24.5	9.5	0.0
-7.5°	118.0	85.8	61.1	41.0	24.6	9.5	0.0
-10°	117.8	85.6	61.0	41.1	24.5	9.5	0.0
-12.5°	117.1	85.2	60.7	41.0	24.5	9.5	0.0
-15°	116.0	84.5	60.3	40.8	24.3	9.5	0.0
-17.5°	114.4	83.5	59.8	40.5	24.1	9.5	0.0
-20°	113.2	82.3	59.0	40.1	23.8	9.4	0.0

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CATALOG NUMBER: GFLD-SA2B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	112.6	80.9	58.2	39.6	23.5	9.3	0.0
-25°	111.7	80.2	57.2	39.0	23.1	9.2	0.0
-27.5°	110.4	79.7	56.1	38.3	22.7	9.0	0.0
-30°	108.6	78.9	54.9	37.5	22.2	8.9	0.0
-32.5°	106.5	77.8	54.4	36.6	21.7	8.7	0.0
-35°	104.7	76.4	53.7	35.6	21.1	8.5	0.0
-37.5°	102.6	74.8	52.8	34.5	20.4	8.3	0.0
-40°	100.1	73.5	51.6	33.3	19.7	8.0	0.0
-42.5°	97.3	71.8	50.4	32.1	19.0	7.8	0.0
-45°	94.0	69.9	48.9	31.1	18.1	7.5	0.0
-47.5°	90.3	67.6	47.3	29.9	17.3	7.2	0.0
-50°	87.0	65.1	45.4	28.6	16.4	6.9	0.0
-52.5°	83.4	62.2	43.3	27.3	15.4	6.5	0.0
-55°	79.5	59.2	41.0	25.8	14.4	6.2	0.0
-57.5°	75.3	55.8	38.5	24.2	13.4	5.8	0.0
-60°	70.7	52.1	35.8	22.4	12.3	5.4	0.0
-62.5°	65.6	48.2	32.9	20.5	11.5	5.0	0.0
-65°	60.1	44.0	29.8	18.5	10.5	4.6	0.0
-67.5°	54.3	39.4	26.5	16.4	9.6	4.2	0.0
-70°	48.2	34.5	23.1	14.2	8.6	3.8	0.0
-72.5°	41.2	29.2	19.4	12.4	7.6	3.3	0.0
-75°	33.8	23.8	15.7	10.7	6.6	2.9	0.0
-77.5°	26.2	18.2	13.0	9.0	5.5	2.4	0.0
-80°	18.3	14.0	10.4	7.2	4.4	1.9	0.0
-82.5°	13.5	10.5	7.8	5.4	3.3	1.4	0.0
-85°	9.0	7.0	5.2	3.6	2.2	1.0	0.0
-87.5°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)