

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: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-740-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

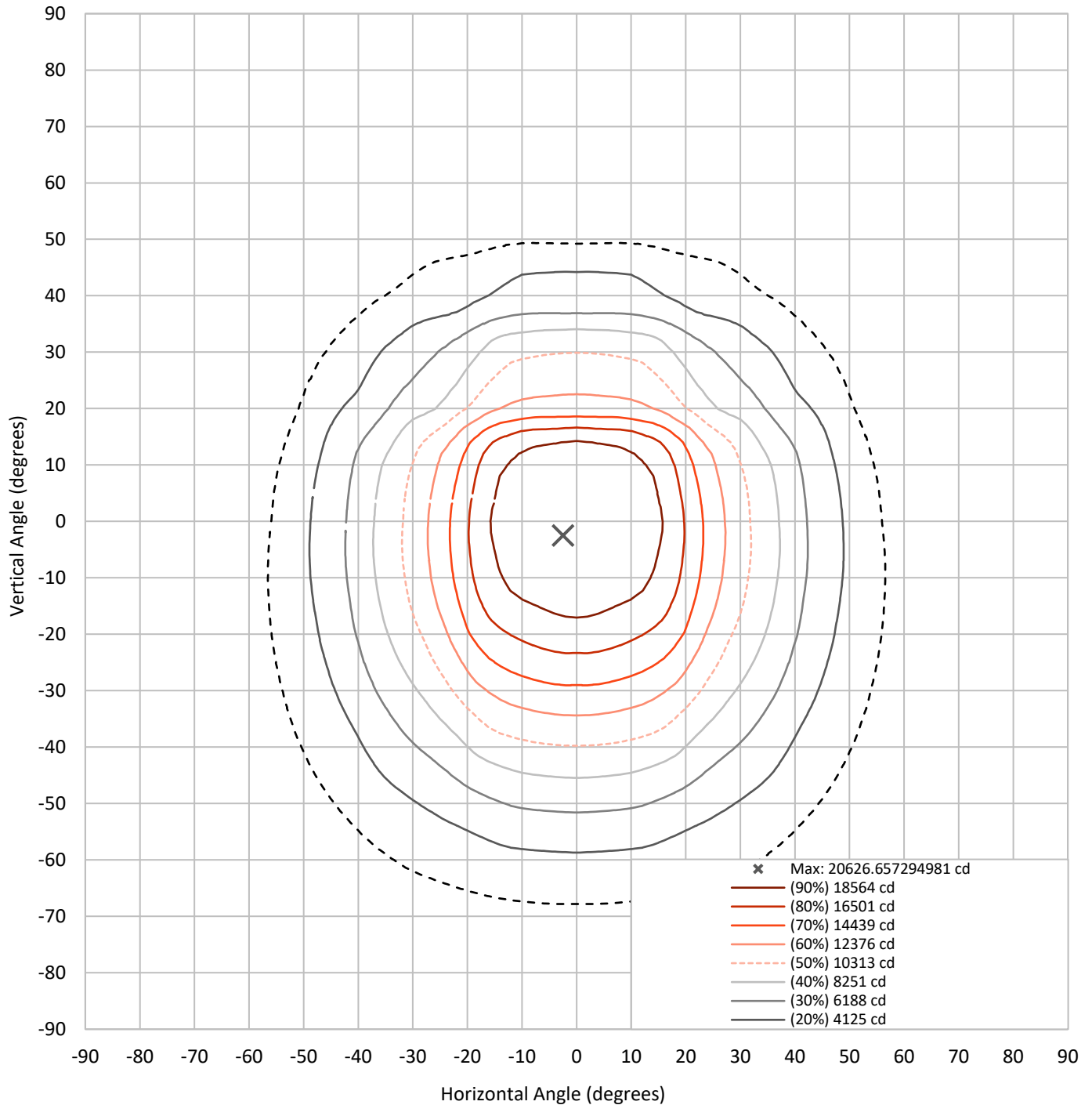
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27526.9 lumens	Max Intensity:	20626.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	111.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	15926.2 lumens	Field Lumens:	26121.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	247.5		
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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CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

Iso-Candela Plot





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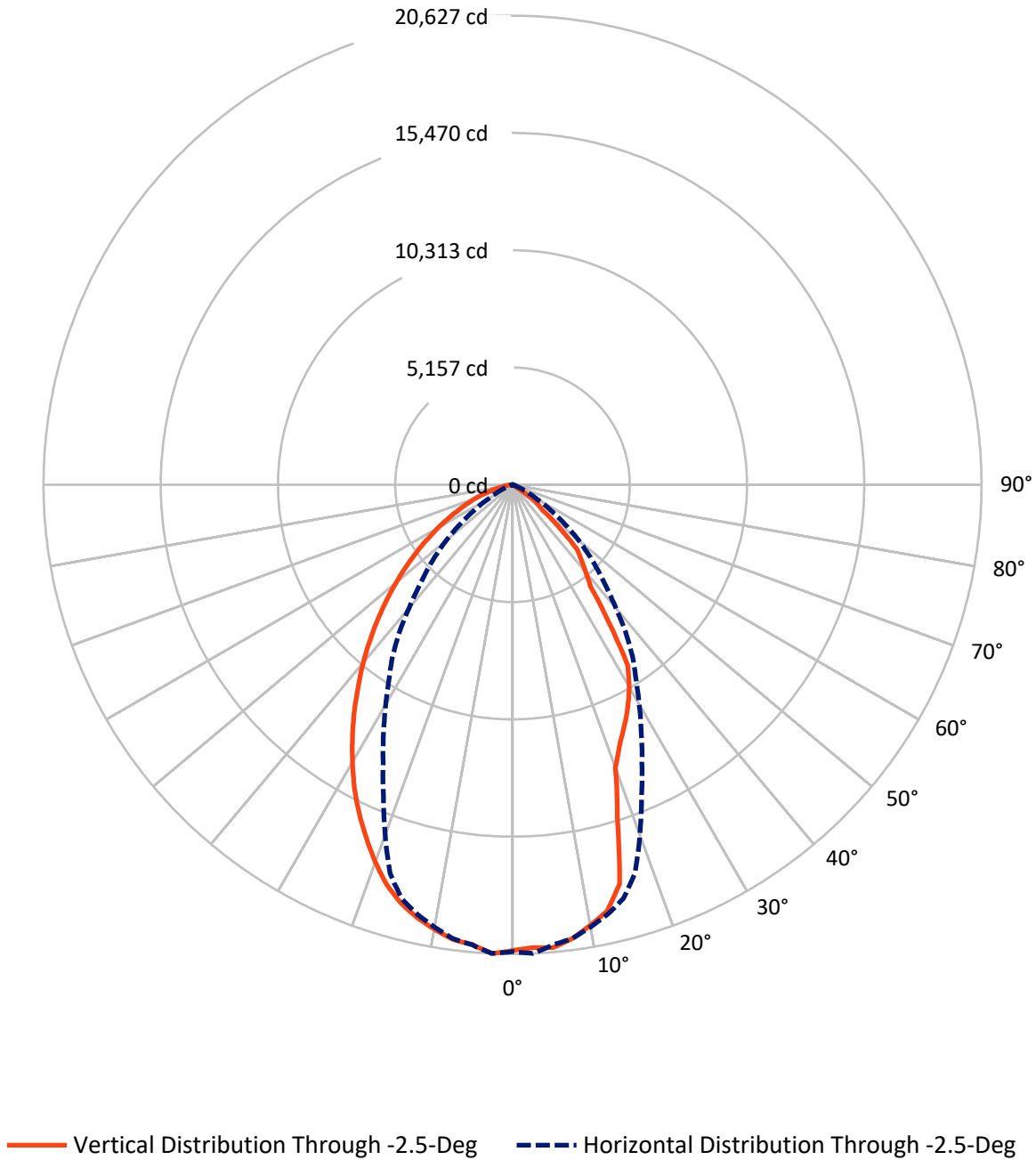
CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

Lumen Table

90																			
80	0.1	0.2		0.2		0.3		0.4		0.3		0.2		0.2		0.1			
70																			
60	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2			
50		0.2	0.5	2.6	7.5	14.5	21.5	26.7	26.7	21.5	14.5	7.5	2.6	0.5	0.2				
40	0.5	0.5	3.1	14.1	34.1	61.5	90.7	111.1	111.1	90.7	61.5	34.1	14.1	3.1	0.5	0.5			
30		1.3	10.2	35.8	79.7	129.4	193.9	226.7	226.7	193.9	129.4	79.7	35.8	10.2	1.3				
20	0.8	3.0	19.8	63.3	128.5	203.8	305.7	351.4	351.4	305.7	203.8	128.5	63.3	19.8	3.0	0.8			
10		5.2	30.4	93.7	185.2	304.8	453.7	520.3	520.3	453.7	304.8	185.2	93.7	30.4	5.2				
0	1.4	7.1	39.4	111.4	221.5	364.2	535.7	608.0	608.0	535.7	364.2	221.5	111.4	39.4	7.1	1.4			
-10		8.5	43.5	115.6	227.4	372.5	539.7	610.2	610.2	539.7	372.5	227.4	115.6	43.5	8.5				
-20	1.8	8.9	42.5	109.4	214.4	348.8	500.9	566.0	566.0	500.9	348.8	214.4	109.4	42.5	8.9	1.8			
-30		8.0	37.2	95.5	185.2	296.5	419.9	475.6	475.6	419.9	296.5	185.2	95.5	37.2	8.0				
-40	1.7	6.7	29.7	75.1	145.7	228.7	320.7	363.1	363.1	320.7	228.7	145.7	75.1	29.7	6.7	1.7			
-50		5.4	21.9	53.5	104.4	160.9	222.0	251.9	251.9	222.0	160.9	104.4	53.5	21.9	5.4				
-60	1.3	4.0	14.3	34.4	64.9	99.9	135.7	154.7	154.7	135.7	99.9	64.9	34.4	14.3	4.0	1.3			
-70		2.8	8.7	20.1	35.6	53.0	70.1	79.4	79.4	70.1	53.0	35.6	20.1	8.7	2.8				
-80	0.5	6.4		29.7		64.7		72.3		64.7		29.7		6.4		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

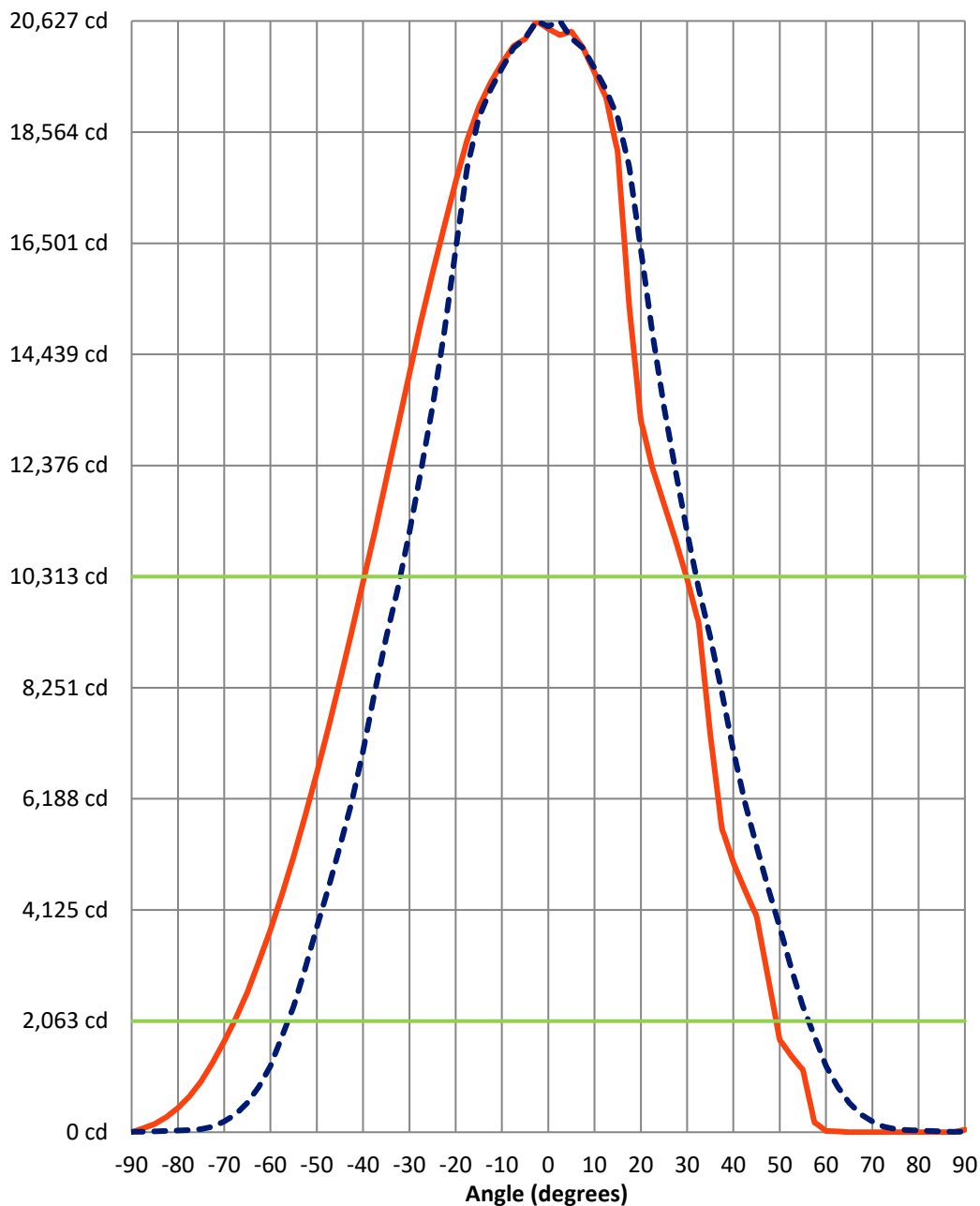
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 15926.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 26121.3
 Efficiency: 94.9%

Spill:
 Lumens: 1405.7
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	7.7	7.7	7.7	9.6	11.6	13.5	15.4	17.3	19.3	21.2	23.1
87.5°	7.7	7.7	7.7	7.4	7.0	6.5	5.7	4.0	2.5	1.2	0.0
85°	7.7	7.7	7.7	7.2	6.4	5.2	3.7	2.3	1.2	0.5	0.0
82.5°	7.7	7.7	7.7	7.0	5.7	4.0	1.8	0.6	0.2	1.1	2.0
80°	7.7	7.7	7.7	6.7	5.1	2.8	0.4	1.5	2.8	4.0	5.3
77.5°	7.7	7.7	7.7	6.5	4.5	2.6	2.4	3.8	5.4	6.9	7.0
75°	7.7	7.7	7.7	6.4	4.2	3.8	4.3	6.0	7.6	6.3	4.1
72.5°	7.7	7.7	7.7	6.2	4.9	5.0	6.2	7.6	6.5	4.5	1.3
70°	7.7	7.7	7.7	6.2	5.5	6.1	7.7	7.3	5.6	2.9	3.5
67.5°	7.7	7.7	7.7	6.4	6.1	7.2	7.9	7.1	5.0	6.0	6.9
65°	7.7	7.7	7.7	6.7	6.7	8.0	8.2	7.0	7.7	9.0	9.5
62.5°	7.7	7.7	7.7	6.9	7.2	8.6	8.6	8.7	10.4	11.7	10.6
60°	7.7	7.7	7.7	7.1	7.7	9.2	9.2	11.0	13.0	13.4	12.1
57.5°	7.7	7.7	7.8	7.3	8.4	10.0	11.0	13.3	15.3	15.4	15.1
55°	7.7	7.7	7.9	7.4	9.2	10.8	12.9	15.6	17.6	17.9	18.7
52.5°	7.7	7.7	8.0	7.6	10.0	11.8	14.8	17.8	20.1	21.2	22.4
50°	7.7	7.7	8.2	7.7	10.9	13.4	16.7	20.0	22.8	24.4	26.0
47.5°	7.7	7.7	8.4	7.9	11.8	14.9	18.6	22.2	25.7	27.7	29.6
45°	7.7	7.7	8.6	8.6	12.7	16.4	20.4	24.3	28.4	30.9	33.2
42.5°	7.7	7.7	8.9	9.3	13.7	17.9	22.1	26.6	31.3	34.1	40.2
40°	7.7	7.7	9.2	10.2	14.7	19.3	23.8	29.2	34.3	37.3	48.0
37.5°	7.7	7.7	9.5	11.3	15.8	20.7	25.5	32.0	37.5	42.4	56.0
35°	7.7	7.7	9.8	12.3	16.9	22.0	27.1	34.8	40.9	52.1	71.2
32.5°	7.7	7.7	10.1	13.2	17.9	23.3	28.9	37.6	44.4	63.5	101.6
30°	7.7	7.7	10.5	14.2	18.9	24.6	31.2	40.6	48.1	76.4	131.2
27.5°	7.7	7.7	10.9	15.1	20.1	25.7	33.5	43.6	54.5	90.9	159.8
25°	7.7	7.7	11.3	16.0	21.3	26.9	35.8	46.6	65.6	112.0	187.9
22.5°	7.7	7.7	11.7	16.9	22.5	28.1	38.0	49.6	77.4	135.1	224.9
20°	7.7	7.7	12.1	17.7	23.6	29.5	40.2	52.6	89.5	157.1	261.8
17.5°	7.7	7.7	12.6	18.5	24.7	30.8	42.4	55.6	102.0	177.8	298.0
15°	7.7	7.7	13.0	19.3	25.7	32.1	44.6	59.5	114.4	197.2	333.1
12.5°	7.7	7.7	13.4	20.0	26.7	33.3	46.5	64.9	128.3	215.2	366.8
10°	7.7	7.7	13.9	20.7	27.6	34.5	48.4	70.5	143.0	236.2	400.6
7.5°	7.7	7.7	14.3	21.4	28.5	35.6	50.0	76.2	156.9	256.5	436.1
5°	7.7	7.7	14.7	22.0	29.3	36.6	51.5	81.8	170.0	275.4	468.8
2.5°	7.7	7.7	15.0	22.6	30.1	37.6	52.8	87.3	181.9	292.6	498.2
0°	7.7	7.7	15.4	23.1	30.8	38.5	53.9	92.4	192.5	308.0	523.6
-2.5°	7.7	7.7	15.4	23.1	30.8	38.5	53.9	92.4	192.5	308.0	523.6
-5°	7.7	7.7	15.3	23.0	32.0	40.1	59.6	110.4	206.3	353.6	565.3
-7.5°	7.7	7.7	15.3	22.9	32.5	40.7	62.0	117.9	211.1	371.0	580.0
-10°	7.7	7.7	15.2	22.7	32.9	41.3	64.0	124.1	214.7	383.6	590.8
-12.5°	7.7	7.7	15.0	22.5	33.1	41.8	65.5	128.8	217.1	390.2	599.2
-15°	7.7	7.7	14.9	22.3	33.2	42.2	66.5	131.6	221.6	389.5	602.2
-17.5°	7.7	7.7	14.7	22.0	33.2	42.6	66.8	134.4	228.2	385.6	598.5
-20°	7.7	7.7	14.5	21.7	32.9	42.8	68.5	137.2	232.6	378.5	587.5

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Scaled Data Report



REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.7	7.7	14.2	21.3	32.6	43.0	72.9	138.4	234.4	368.4	568.8
-25°	7.7	7.7	14.0	20.9	32.0	45.8	76.5	138.0	233.8	355.3	542.2
-27.5°	7.7	7.7	13.7	20.5	31.2	49.4	79.3	135.9	230.5	344.2	522.7
-30°	7.7	7.7	13.3	20.0	30.4	52.5	81.2	132.1	226.2	339.2	500.9
-32.5°	7.7	7.7	13.0	19.5	31.5	55.0	82.3	132.3	220.7	330.7	476.2
-35°	7.7	7.7	12.6	18.9	32.4	57.0	84.5	133.0	213.0	318.8	448.7
-37.5°	7.7	7.7	12.2	18.3	32.9	58.3	86.7	132.5	203.2	303.3	436.5
-40°	7.7	7.7	11.8	17.7	33.2	58.8	88.1	130.8	191.2	288.5	422.8
-42.5°	7.7	7.7	11.3	17.3	33.4	58.8	88.6	127.7	184.3	276.5	401.8
-45°	7.7	7.7	10.9	17.4	33.5	58.3	88.1	125.0	179.3	261.8	375.5
-47.5°	7.7	7.7	10.4	17.3	33.3	57.5	86.8	123.2	172.9	244.1	354.7
-50°	7.7	7.7	9.9	17.1	32.7	56.2	85.0	120.2	167.8	237.8	330.0
-52.5°	7.7	7.7	9.4	16.7	31.7	54.4	82.6	115.9	163.5	229.4	303.5
-55°	7.7	7.7	8.8	16.3	30.4	52.2	79.7	110.7	158.1	219.0	290.8
-57.5°	7.7	7.7	8.3	15.7	28.6	49.3	76.1	106.1	150.7	208.1	275.8
-60°	7.7	7.7	7.7	15.0	26.6	46.0	71.9	100.8	141.3	195.1	258.5
-62.5°	7.7	7.7	7.7	14.2	25.2	42.1	66.1	94.0	129.5	179.7	238.4
-65°	7.7	7.7	7.7	13.3	23.5	37.7	59.6	85.1	115.4	159.5	215.5
-67.5°	7.7	7.7	7.7	12.2	21.7	33.9	52.4	74.7	99.0	135.8	185.2
-70°	7.7	7.7	7.7	11.1	19.7	30.8	44.7	63.7	84.8	109.5	149.7
-72.5°	7.7	7.7	7.7	10.9	17.6	27.4	39.4	52.1	69.9	90.8	114.5
-75°	7.7	7.7	7.7	10.8	15.3	23.9	34.3	43.9	54.5	71.5	91.1
-77.5°	7.7	7.7	7.7	10.6	14.5	20.2	29.0	36.9	45.2	54.2	66.8
-80°	7.7	7.7	7.7	10.5	14.0	18.2	23.5	29.7	36.4	43.6	51.4
-82.5°	7.7	7.7	7.7	10.3	13.5	17.1	21.2	24.1	27.5	32.9	38.8
-85°	7.7	7.7	7.7	10.1	12.8	15.9	19.3	21.9	24.5	27.0	29.5
-87.5°	7.7	7.7	7.7	9.9	12.2	14.7	17.4	19.6	21.9	24.1	26.3
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	5.8	3.8	1.9	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°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	25.0	27.0	28.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.3	2.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.1	4.1	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	4.4	2.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	0.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	2.2	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4.4	4.7	3.2	1.3	0.0	0.4	1.1	0.8	0.0	0.4	1.0
67.5°	7.2	5.3	3.5	2.2	2.9	3.9	3.6	3.9	4.2	4.6	3.9
65°	7.5	5.7	5.8	6.7	7.6	8.3	9.0	9.5	8.0	6.9	7.1
62.5°	8.0	8.7	10.0	11.2	12.4	13.4	13.5	12.0	9.1	11.4	13.1
60°	11.4	12.6	14.2	15.7	17.2	18.1	17.3	17.5	19.4	22.5	43.3
57.5°	15.4	16.5	18.4	20.8	22.9	23.3	24.0	26.0	61.0	99.7	110.1
55°	19.4	20.3	23.5	27.3	29.6	29.4	42.2	89.0	134.4	186.2	205.2
52.5°	23.4	25.1	30.6	35.2	38.1	59.4	107.0	170.5	237.4	296.9	373.7
50°	27.4	33.0	38.7	45.4	72.4	127.9	197.5	284.2	385.1	480.1	577.4
47.5°	34.3	41.2	50.0	71.7	142.9	219.8	316.1	455.6	580.0	695.0	828.4
45°	42.4	56.9	66.6	141.9	224.6	323.9	487.0	657.5	770.4	924.3	1160.4
42.5°	50.7	78.8	127.2	214.3	315.1	475.3	677.5	822.8	973.0	1222.5	1470.6
40°	73.0	105.6	192.0	295.5	423.2	656.8	864.3	1028.9	1234.0	1510.5	1769.6
37.5°	100.0	161.3	257.9	382.1	592.8	848.9	1071.1	1306.2	1542.0	1802.6	2283.3
35°	130.1	212.9	341.6	509.1	762.6	1061.9	1326.9	1589.5	1861.2	2374.5	2851.5
32.5°	169.2	260.4	429.0	656.8	946.1	1274.6	1582.2	1885.7	2321.6	2902.5	3381.2
30°	211.3	336.7	529.6	793.5	1118.8	1469.4	1839.2	2206.8	2783.6	3264.4	3784.0
27.5°	255.4	417.4	647.6	936.2	1280.6	1653.2	2070.6	2595.0	3109.5	3584.5	4155.5
25°	300.6	501.4	755.5	1072.8	1439.7	1851.9	2332.0	2970.7	3373.2	3898.1	4493.8
22.5°	358.8	581.8	862.3	1196.5	1587.2	2056.1	2668.3	3309.7	3783.4	4224.9	4806.8
20°	426.0	672.2	978.5	1351.6	1731.7	2255.5	3002.8	3677.4	4234.5	4740.0	5274.5
17.5°	488.9	756.8	1102.9	1510.0	1941.9	2511.1	3330.9	4077.5	4690.6	5254.0	5921.2
15°	547.0	835.1	1224.6	1659.8	2148.6	2803.9	3625.2	4445.1	5145.2	5779.1	6537.3
12.5°	600.1	906.5	1341.9	1800.0	2343.2	3056.3	3872.3	4672.6	5442.0	6268.0	7128.6
10°	647.9	970.8	1452.7	1929.4	2523.6	3269.8	4076.5	4862.2	5638.6	6512.7	7468.8
7.5°	699.3	1030.9	1553.3	2047.1	2687.8	3446.2	4239.6	5014.4	5797.4	6708.4	7690.0
5°	746.8	1086.2	1633.1	2131.4	2814.6	3583.8	4362.3	5130.0	5918.0	6854.2	7857.4
2.5°	788.5	1132.7	1698.2	2197.5	2908.7	3685.0	4442.0	5226.3	6007.4	6972.7	7985.3
0°	823.9	1170.4	1747.8	2248.3	2979.8	3757.5	4489.0	5289.7	6059.7	7053.0	8069.4
-2.5°	846.6	1232.2	1781.9	2336.9	3041.9	3805.0	4531.0	5307.4	6116.0	7078.4	8163.8
-5°	862.5	1282.3	1802.5	2405.1	3082.5	3825.9	4544.8	5293.7	6131.0	7072.0	8177.7
-7.5°	871.7	1317.6	1812.1	2443.9	3096.8	3813.3	4521.4	5267.6	6106.5	7047.8	8116.5
-10°	877.1	1328.7	1825.2	2432.2	3078.0	3772.0	4469.3	5206.5	6036.6	6969.1	8000.4
-12.5°	891.5	1321.6	1822.9	2406.4	3037.5	3709.7	4392.1	5109.7	5920.2	6834.8	7839.8
-15°	895.2	1305.7	1801.0	2368.2	2975.7	3628.2	4291.0	4976.9	5776.7	6703.9	7662.2
-17.5°	887.1	1281.8	1758.4	2319.6	2892.8	3529.2	4171.9	4857.3	5642.1	6552.9	7475.7
-20°	866.5	1250.7	1693.9	2262.2	2794.4	3419.4	4052.7	4731.8	5487.3	6343.5	7267.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	832.7	1213.2	1624.2	2182.0	2709.5	3293.2	3912.9	4560.9	5293.4	6071.8	6986.4
-25°	797.9	1170.8	1569.3	2071.9	2607.3	3145.9	3752.3	4351.9	5065.6	5830.1	6641.6
-27.5°	764.8	1111.7	1512.3	1951.2	2487.0	2988.6	3570.7	4155.6	4809.3	5558.6	6305.8
-30°	721.6	1047.7	1442.5	1835.2	2343.1	2840.4	3368.2	3943.8	4531.7	5242.8	5977.9
-32.5°	683.4	981.3	1363.2	1746.9	2188.4	2673.5	3149.8	3698.5	4272.3	4878.5	5604.8
-35°	657.9	941.9	1279.1	1644.8	2030.6	2492.0	2945.0	3421.7	3977.4	4546.3	5184.1
-37.5°	637.2	896.7	1190.6	1538.4	1905.7	2301.6	2725.7	3164.3	3649.2	4222.8	4822.5
-40°	604.7	845.9	1125.0	1437.0	1761.1	2121.0	2514.7	2911.7	3332.1	3892.4	4484.1
-42.5°	563.0	796.7	1063.1	1326.7	1622.7	1951.3	2301.2	2675.1	3079.1	3565.8	4109.7
-45°	531.0	733.7	994.4	1230.4	1475.5	1776.1	2104.6	2443.3	2824.3	3242.2	3730.7
-47.5°	490.3	665.2	904.5	1125.1	1341.0	1597.6	1898.1	2218.6	2556.1	2932.6	3333.0
-50°	446.7	608.1	794.5	1009.3	1215.2	1428.6	1684.9	1981.2	2287.5	2615.7	2972.9
-52.5°	413.7	541.3	711.5	890.2	1086.5	1280.1	1498.3	1752.4	2025.9	2300.1	2614.3
-55°	376.3	492.2	632.4	792.7	959.7	1138.9	1337.6	1560.2	1783.1	2035.0	2285.7
-57.5°	349.9	444.8	566.4	705.6	855.7	1007.9	1195.5	1383.7	1590.1	1798.5	2006.5
-60°	329.4	404.0	504.8	627.4	761.2	903.5	1057.4	1231.2	1408.9	1579.1	1758.9
-62.5°	305.9	370.8	449.6	549.6	670.5	794.3	929.8	1078.8	1239.5	1382.8	1522.2
-65°	275.4	331.8	399.4	480.9	575.8	680.4	795.9	921.5	1060.4	1176.7	1290.6
-67.5°	240.5	288.0	344.7	411.2	490.3	572.0	656.8	763.0	875.8	970.7	1063.4
-70°	196.5	240.5	286.8	341.0	403.1	472.3	547.0	624.0	701.2	778.7	863.5
-72.5°	150.4	190.4	229.8	268.4	317.9	374.6	435.4	500.0	567.4	633.7	698.2
-75°	114.7	140.6	175.0	209.8	244.2	281.1	322.3	373.7	436.3	500.6	559.5
-77.5°	86.6	108.4	131.3	155.2	176.9	204.1	233.8	265.8	317.5	376.8	436.7
-80°	62.5	75.5	93.7	113.0	128.3	143.3	158.9	175.1	213.5	261.3	312.3
-82.5°	46.4	55.3	65.4	76.6	84.3	91.8	100.1	110.8	139.3	171.6	205.7
-85°	31.9	34.6	40.0	46.3	50.6	54.9	59.4	63.9	79.3	96.5	115.0
-87.5°	27.5	28.9	30.3	31.9	32.5	33.0	33.5	34.0	39.2	44.6	50.2
-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: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	30.8	32.7	34.7	36.6	38.5	40.4	42.4	44.3	46.2	46.2	46.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3.5	3.9	4.0	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	8.1	7.8	5.8	3.8	1.8	2.9	4.7	5.5	5.6	5.0	3.9
62.5°	12.2	11.2	10.1	11.7	14.0	16.2	15.5	14.7	13.7	13.0	13.5
60°	45.5	30.4	35.1	44.1	41.2	28.2	46.4	52.5	44.7	30.6	29.6
57.5°	115.4	111.4	127.6	186.4	205.2	187.0	223.4	271.2	269.8	232.3	231.1
55°	245.9	329.9	431.3	447.8	518.3	659.8	770.0	721.7	721.4	757.7	874.7
52.5°	467.1	546.4	575.9	654.7	802.2	909.3	978.1	1049.3	1127.4	1207.0	1287.7
50°	685.5	762.4	849.9	930.5	1134.8	1244.6	1226.3	1373.8	1562.6	1680.5	1741.1
47.5°	1005.4	1126.8	1311.5	1600.9	1753.3	1863.5	2000.5	2167.6	2383.9	2677.2	2903.2
45°	1382.2	1573.0	1858.7	2166.2	2402.7	2510.5	2667.3	2926.1	3271.0	3606.8	3852.0
42.5°	1690.1	1951.8	2274.2	2568.0	2760.9	2937.9	3141.0	3359.2	3754.2	4112.9	4396.3
40°	2091.9	2295.8	2657.5	2934.5	3107.2	3282.6	3604.4	3931.0	4302.5	4636.6	4868.8
37.5°	2601.2	2830.7	3207.0	3520.2	3686.5	3748.5	4295.6	4750.3	5052.2	5478.7	5618.2
35°	3148.4	3526.1	4005.5	4411.6	4574.7	4900.0	5463.7	6098.1	6785.5	7038.2	7253.8
32.5°	3758.9	4224.8	4875.3	5311.1	5543.8	6037.6	6751.0	7428.1	8326.9	8814.6	8960.5
30°	4317.3	4852.0	5411.1	5834.7	6232.5	6827.3	7477.8	8312.7	9143.7	9767.4	9961.1
27.5°	4727.2	5318.8	5856.3	6253.0	6701.9	7343.1	8154.2	8999.6	9815.5	10451.8	10677.9
25°	5118.4	5787.1	6212.7	6673.9	7201.0	7899.8	8798.6	9738.1	10541.6	11079.4	11356.7
22.5°	5563.3	6222.7	6679.6	7070.3	7759.4	8564.6	9398.9	10460.5	11311.8	11740.9	12041.5
20°	6022.6	6768.7	7474.4	7837.8	8434.1	9453.6	10387.6	11389.8	12211.8	12659.0	12975.7
17.5°	6663.4	7614.1	8479.7	8994.4	9632.8	10852.0	12017.4	13031.1	14174.7	14578.6	14965.6
15°	7339.1	8439.4	9453.5	10268.8	11093.5	12301.4	13801.6	15025.0	16329.8	16912.6	17571.4
12.5°	8012.7	9053.9	9972.6	11024.4	12186.7	13255.2	14683.5	16206.9	17391.0	18134.2	18577.7
10°	8516.1	9483.2	10367.3	11421.5	12581.7	13790.4	15209.7	16771.3	18010.8	18645.0	19006.9
7.5°	8787.9	9713.5	10646.0	11714.3	12869.3	14156.6	15618.9	17168.2	18435.7	19050.1	19407.5
5°	8989.7	9878.7	10844.3	11968.8	13136.7	14442.0	15902.2	17433.1	18588.8	19241.7	19693.8
2.5°	9111.9	9983.4	10970.6	12133.3	13304.0	14663.5	16194.3	17781.3	18792.3	19317.7	19733.4
0°	9147.3	10025.1	11041.5	12219.5	13420.7	14791.3	16308.1	17878.9	18902.9	19411.1	19834.6
-2.5°	9187.2	10091.0	11135.2	12275.3	13466.4	14833.1	16381.4	17912.0	18833.1	19345.9	19748.8
-5°	9159.4	10096.1	11137.2	12229.2	13428.0	14783.8	16270.2	17701.3	18664.9	19219.3	19619.9
-7.5°	9076.5	10026.5	11056.8	12106.3	13282.3	14653.5	16133.6	17511.7	18488.0	19072.5	19510.8
-10°	8955.9	9878.2	10915.6	11978.5	13140.4	14445.6	15903.0	17272.9	18207.2	18827.9	19338.7
-12.5°	8822.2	9725.4	10725.4	11744.9	12894.0	14183.1	15595.1	16891.9	17820.7	18497.7	18862.8
-15°	8624.1	9526.8	10482.8	11468.9	12589.0	13839.6	15188.5	16432.5	17344.6	17895.5	18299.0
-17.5°	8372.2	9257.9	10164.2	11099.6	12154.8	13386.4	14743.5	15970.4	16713.9	17205.9	17602.5
-20°	8102.4	8921.3	9780.0	10662.7	11685.4	12905.5	14238.2	15308.5	16009.2	16482.0	16856.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7794.2	8582.9	9368.8	10212.6	11215.5	12334.0	13511.2	14545.5	15298.9	15729.4	16075.4
-25°	7442.4	8209.6	8955.9	9770.9	10692.5	11697.9	12792.5	13808.9	14483.7	14941.1	15284.2
-27.5°	7063.4	7784.2	8513.3	9245.1	10073.7	11075.5	12089.2	13033.3	13609.3	14070.4	14415.5
-30°	6685.2	7333.6	8008.1	8700.8	9478.6	10381.8	11330.1	12123.9	12731.4	13179.3	13499.8
-32.5°	6275.3	6890.6	7488.2	8135.7	8867.9	9663.9	10496.1	11251.3	11900.4	12310.6	12580.7
-35°	5855.5	6451.1	6998.1	7585.8	8231.7	8918.6	9686.7	10431.6	11072.6	11397.2	11660.4
-37.5°	5418.2	6012.1	6530.7	7021.7	7578.1	8214.3	8962.4	9673.0	10226.8	10505.9	10743.1
-40°	5038.0	5560.8	6027.6	6497.4	6949.8	7514.8	8212.9	8901.0	9345.3	9617.2	9837.6
-42.5°	4668.9	5109.9	5492.1	5913.3	6366.0	6923.0	7486.4	8063.3	8420.4	8722.2	8954.3
-45°	4239.0	4633.3	4991.6	5341.9	5754.8	6263.3	6775.0	7237.2	7571.6	7863.4	8089.4
-47.5°	3763.6	4144.1	4492.2	4805.4	5189.1	5613.2	6044.0	6428.6	6758.9	7047.2	7248.9
-50°	3320.4	3660.4	4000.3	4317.3	4649.8	4992.9	5342.4	5679.9	5993.4	6273.5	6445.2
-52.5°	2923.4	3237.2	3534.2	3811.3	4102.3	4392.2	4681.7	4990.7	5279.2	5544.3	5681.4
-55°	2564.2	2847.2	3115.2	3348.6	3582.1	3812.0	4060.1	4345.5	4611.2	4856.7	4955.1
-57.5°	2241.8	2483.9	2721.1	2918.6	3109.2	3292.1	3509.9	3750.8	3983.3	4193.8	4274.3
-60°	1945.3	2137.4	2335.7	2510.9	2677.0	2833.8	3023.8	3217.8	3406.4	3565.1	3633.6
-62.5°	1672.5	1836.8	1987.1	2129.4	2270.1	2411.4	2564.6	2718.5	2870.9	2993.1	3055.0
-65°	1409.5	1540.3	1661.1	1778.1	1891.7	2010.3	2130.3	2247.3	2360.0	2447.4	2501.0
-67.5°	1162.7	1262.1	1357.9	1449.2	1544.2	1640.3	1734.2	1823.8	1908.5	1976.0	2027.2
-70°	943.8	1020.8	1095.8	1171.3	1250.6	1325.4	1396.1	1463.1	1526.1	1574.8	1614.3
-72.5°	760.8	823.2	888.0	956.0	1020.1	1076.0	1126.8	1175.8	1222.7	1250.2	1270.7
-75°	613.3	665.9	722.3	777.3	830.8	873.3	910.6	946.8	981.5	983.3	976.4
-77.5°	495.5	542.5	586.1	629.3	672.1	698.2	721.1	744.6	768.4	754.6	732.9
-80°	363.7	402.8	439.8	477.0	514.2	529.7	540.5	549.9	557.8	539.8	517.6
-82.5°	241.3	266.0	290.1	314.6	339.4	349.3	356.7	362.8	367.7	351.4	332.7
-85°	134.7	146.5	158.2	169.9	181.6	188.6	194.9	200.8	206.1	196.4	185.4
-87.5°	56.0	58.7	61.3	63.9	66.4	68.9	71.3	73.6	75.9	76.3	76.5
-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: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	44.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.3	0.4	0.0	0.0	0.0	0.4	2.3	3.9	5.0	5.6	5.5
62.5°	14.1	14.7	15.2	15.4	15.2	14.7	14.1	13.5	13.0	13.7	14.7
60°	27.2	23.8	23.0	23.1	23.0	23.8	27.2	29.6	30.6	44.7	52.5
57.5°	213.4	182.7	187.3	207.9	187.3	182.7	213.4	231.1	232.3	269.8	271.2
55°	997.5	1113.5	1154.5	1131.9	1154.5	1113.5	997.5	874.7	757.7	721.4	721.7
52.5°	1351.5	1399.1	1417.5	1416.8	1417.5	1399.1	1351.5	1287.7	1207.0	1127.4	1049.3
50°	1759.4	1743.3	1718.5	1693.9	1718.5	1743.3	1759.4	1741.1	1680.5	1562.6	1373.8
47.5°	2936.3	2885.4	2863.9	2902.8	2863.9	2885.4	2936.3	2903.2	2677.2	2383.9	2167.6
45°	3902.0	3961.6	4006.2	4003.9	4006.2	3961.6	3902.0	3852.0	3606.8	3271.0	2926.1
42.5°	4451.9	4483.6	4492.9	4481.3	4492.9	4483.6	4451.9	4396.3	4112.9	3754.2	3359.2
40°	4941.9	4979.8	5001.1	5020.3	5001.1	4979.8	4941.9	4868.8	4636.6	4302.5	3931.0
37.5°	5664.2	5678.1	5647.9	5628.5	5647.9	5678.1	5664.2	5618.2	5478.7	5052.2	4750.3
35°	7435.5	7471.8	7387.8	7476.5	7387.8	7471.8	7435.5	7253.8	7038.2	6785.5	6098.1
32.5°	9134.1	9304.1	9441.6	9555.4	9441.6	9304.1	9134.1	8960.5	8814.6	8326.9	7428.1
30°	10096.4	10206.0	10264.9	10279.2	10264.9	10206.0	10096.4	9961.1	9767.4	9143.7	8312.7
27.5°	10802.9	10917.8	10989.4	11041.5	10989.4	10917.8	10802.9	10677.9	10451.8	9815.5	8999.6
25°	11483.8	11588.9	11660.5	11688.3	11660.5	11588.9	11483.8	11356.7	11079.4	10541.6	9738.1
22.5°	12190.3	12263.3	12332.0	12365.8	12332.0	12263.3	12190.3	12041.5	11740.9	11311.8	10460.5
20°	13203.1	13163.4	13226.1	13205.1	13226.1	13163.4	13203.1	12975.7	12659.0	12211.8	11389.8
17.5°	15267.3	15288.7	15330.6	15399.5	15330.6	15288.7	15267.3	14965.6	14578.6	14174.7	13031.1
15°	17863.3	17915.5	18181.0	18417.9	18181.0	17915.5	17863.3	17571.4	16912.6	16329.8	15025.0
12.5°	18989.3	19170.0	19198.1	19264.8	19198.1	19170.0	18989.3	18577.7	18134.2	17391.0	16206.9
10°	19365.0	19678.1	19671.4	19749.9	19671.4	19678.1	19365.0	19006.9	18645.0	18010.8	16771.3
7.5°	19650.1	19986.3	20128.4	20188.8	20128.4	19986.3	19650.1	19407.5	19050.1	18435.7	17168.2
5°	19998.3	20183.1	20428.3	20358.2	20428.3	20183.1	19998.3	19693.8	19241.7	18588.8	17433.1
2.5°	20144.2	20433.8	20366.9	20435.2	20366.9	20433.8	20144.2	19733.4	19317.7	18792.3	17781.3
0°	20242.7	20450.6	20481.4	20550.7	20481.4	20450.6	20242.7	19834.6	19411.1	18902.9	17878.9
-2.5°	20123.3	20306.3	20626.7	20527.6	20626.7	20306.3	20123.3	19748.8	19345.9	18833.1	17912.0
-5°	20018.6	20468.9	20294.0	20512.2	20294.0	20468.9	20018.6	19619.9	19219.3	18664.9	17701.3
-7.5°	19964.6	20045.1	20161.2	20327.4	20161.2	20045.1	19964.6	19510.8	19072.5	18488.0	17511.7
-10°	19546.6	19629.0	19842.2	19957.8	19842.2	19629.0	19546.6	19338.7	18827.9	18207.2	17272.9
-12.5°	19093.4	19252.8	19476.8	19549.7	19476.8	19252.8	19093.4	18862.8	18497.7	17820.7	16891.9
-15°	18571.3	18808.1	19026.5	19072.3	19026.5	18808.1	18571.3	18299.0	17895.5	17344.6	16432.5
-17.5°	17907.4	18191.4	18420.8	18471.8	18420.8	18191.4	17907.4	17602.5	17205.9	16713.9	15970.4
-20°	17175.8	17447.9	17643.0	17701.8	17643.0	17447.9	17175.8	16856.4	16482.0	16009.2	15308.5



REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16392.6	16637.5	16802.5	16777.8	16802.5	16637.5	16392.6	16075.4	15729.4	15298.9	14545.5
-25°	15561.0	15788.3	15945.5	15923.1	15945.5	15788.3	15561.0	15284.2	14941.1	14483.7	13808.9
-27.5°	14681.9	14897.3	15048.3	15053.1	15048.3	14897.3	14681.9	14415.5	14070.4	13609.3	13033.3
-30°	13758.1	13953.7	14076.4	14029.0	14076.4	13953.7	13758.1	13499.8	13179.3	12731.4	12123.9
-32.5°	12805.3	12982.2	13094.6	13128.1	13094.6	12982.2	12805.3	12580.7	12310.6	11900.4	11251.3
-35°	11865.5	12021.5	12118.5	12142.5	12118.5	12021.5	11865.5	11660.4	11397.2	11072.6	10431.6
-37.5°	10931.8	11066.0	11133.8	11103.1	11133.8	11066.0	10931.8	10743.1	10505.9	10226.8	9673.0
-40°	10009.1	10136.8	10214.5	10233.0	10214.5	10136.8	10009.1	9837.6	9617.2	9345.3	8901.0
-42.5°	9101.8	9208.1	9276.2	9309.0	9276.2	9208.1	9101.8	8954.3	8722.2	8420.4	8063.3
-45°	8221.4	8316.4	8380.4	8415.8	8380.4	8316.4	8221.4	8089.4	7863.4	7571.6	7237.2
-47.5°	7364.7	7448.0	7503.2	7530.4	7503.2	7448.0	7364.7	7248.9	7047.2	6758.9	6428.6
-50°	6545.6	6617.7	6669.2	6698.8	6669.2	6617.7	6545.6	6445.2	6273.5	5993.4	5679.9
-52.5°	5768.7	5831.7	5875.6	5898.0	5875.6	5831.7	5768.7	5681.4	5544.3	5279.2	4990.7
-55°	5026.9	5078.0	5118.5	5143.4	5118.5	5078.0	5026.9	4955.1	4856.7	4611.2	4345.5
-57.5°	4335.2	4377.0	4415.4	4442.8	4415.4	4377.0	4335.2	4274.3	4193.8	3983.3	3750.8
-60°	3687.7	3727.1	3759.8	3780.6	3759.8	3727.1	3687.7	3633.6	3565.1	3406.4	3217.8
-62.5°	3103.3	3138.2	3168.2	3187.7	3168.2	3138.2	3103.3	3055.0	2993.1	2870.9	2718.5
-65°	2543.2	2574.4	2596.8	2610.2	2596.8	2574.4	2543.2	2501.0	2447.4	2360.0	2247.3
-67.5°	2071.0	2107.0	2114.2	2109.7	2114.2	2107.0	2071.0	2027.2	1976.0	1908.5	1823.8
-70°	1649.5	1680.0	1687.2	1686.2	1687.2	1680.0	1649.5	1614.3	1574.8	1526.1	1463.1
-72.5°	1289.8	1306.5	1292.3	1270.5	1292.3	1306.5	1289.8	1270.7	1250.2	1222.7	1175.8
-75°	967.9	957.3	942.3	924.0	942.3	957.3	967.9	976.4	983.3	981.5	946.8
-77.5°	708.9	682.6	665.5	646.8	665.5	682.6	708.9	732.9	754.6	768.4	744.6
-80°	493.6	467.9	450.1	431.2	450.1	467.9	493.6	517.6	539.8	557.8	549.9
-82.5°	312.7	291.5	280.8	269.5	280.8	291.5	312.7	332.7	351.4	367.7	362.8
-85°	173.6	161.2	153.9	146.3	153.9	161.2	173.6	185.4	196.4	206.1	200.8
-87.5°	76.7	76.9	73.1	69.3	73.1	76.9	76.7	76.5	76.3	75.9	73.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	42.4	40.4	38.5	36.6	34.7	32.7	30.8	28.9	27.0	25.0	23.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.2	0.0	0.0	0.7	1.0	0.4	0.0	0.8
67.5°	0.0	0.0	1.4	3.2	4.0	3.9	3.5	3.9	4.6	4.2	3.9
65°	4.7	2.9	1.8	3.8	5.8	7.8	8.1	7.1	6.9	8.0	9.5
62.5°	15.5	16.2	14.0	11.7	10.1	11.2	12.2	13.1	11.4	9.1	12.0
60°	46.4	28.2	41.2	44.1	35.1	30.4	45.5	43.3	22.5	19.4	17.5
57.5°	223.4	187.0	205.2	186.4	127.6	111.4	115.4	110.1	99.7	61.0	26.0
55°	770.0	659.8	518.3	447.8	431.3	329.9	245.9	205.2	186.2	134.4	89.0
52.5°	978.1	909.3	802.2	654.7	575.9	546.4	467.1	373.7	296.9	237.4	170.5
50°	1226.3	1244.6	1134.8	930.5	849.9	762.4	685.5	577.4	480.1	385.1	284.2
47.5°	2000.5	1863.5	1753.3	1600.9	1311.5	1126.8	1005.4	828.4	695.0	580.0	455.6
45°	2667.3	2510.5	2402.7	2166.2	1858.7	1573.0	1382.2	1160.4	924.3	770.4	657.5
42.5°	3141.0	2937.9	2760.9	2568.0	2274.2	1951.8	1690.1	1470.6	1222.5	973.0	822.8
40°	3604.4	3282.6	3107.2	2934.5	2657.5	2295.8	2091.9	1769.6	1510.5	1234.0	1028.9
37.5°	4295.6	3748.5	3686.5	3520.2	3207.0	2830.7	2601.2	2283.3	1802.6	1542.0	1306.2
35°	5463.7	4900.0	4574.7	4411.6	4005.5	3526.1	3148.4	2851.5	2374.5	1861.2	1589.5
32.5°	6751.0	6037.6	5543.8	5311.1	4875.3	4224.8	3758.9	3381.2	2902.5	2321.6	1885.7
30°	7477.8	6827.3	6232.5	5834.7	5411.1	4852.0	4317.3	3784.0	3264.4	2783.6	2206.8
27.5°	8154.2	7343.1	6701.9	6253.0	5856.3	5318.8	4727.2	4155.5	3584.5	3109.5	2595.0
25°	8798.6	7899.8	7201.0	6673.9	6212.7	5787.1	5118.4	4493.8	3898.1	3373.2	2970.7
22.5°	9398.9	8564.6	7759.4	7070.3	6679.6	6222.7	5563.3	4806.8	4224.9	3783.4	3309.7
20°	10387.6	9453.6	8434.1	7837.8	7474.4	6768.7	6022.6	5274.5	4740.0	4234.5	3677.4
17.5°	12017.4	10852.0	9632.8	8994.4	8479.7	7614.1	6663.4	5921.2	5254.0	4690.6	4077.5
15°	13801.6	12301.4	11093.5	10268.8	9453.5	8439.4	7339.1	6537.3	5779.1	5145.2	4445.1
12.5°	14683.5	13255.2	12186.7	11024.4	9972.6	9053.9	8012.7	7128.6	6268.0	5442.0	4672.6
10°	15209.7	13790.4	12581.7	11421.5	10367.3	9483.2	8516.1	7468.8	6512.7	5638.6	4862.2
7.5°	15618.9	14156.6	12869.3	11714.3	10646.0	9713.5	8787.9	7690.0	6708.4	5797.4	5014.4
5°	15902.2	14442.0	13136.7	11968.8	10844.3	9878.7	8989.7	7857.4	6854.2	5918.0	5130.0
2.5°	16194.3	14663.5	13304.0	12133.3	10970.6	9983.4	9111.9	7985.3	6972.7	6007.4	5226.3
0°	16308.1	14791.3	13420.7	12219.5	11041.5	10025.1	9147.3	8069.4	7053.0	6059.7	5289.7
-2.5°	16381.4	14833.1	13466.4	12275.3	11135.2	10091.0	9187.2	8163.8	7078.4	6116.0	5307.4
-5°	16270.2	14783.8	13428.0	12229.2	11137.2	10096.1	9159.4	8177.7	7072.0	6131.0	5293.7
-7.5°	16133.6	14653.5	13282.3	12106.3	11056.8	10026.5	9076.5	8116.5	7047.8	6106.5	5267.6
-10°	15903.0	14445.6	13140.4	11978.5	10915.6	9878.2	8955.9	8000.4	6969.1	6036.6	5206.5
-12.5°	15595.1	14183.1	12894.0	11744.9	10725.4	9725.4	8822.2	7839.8	6834.8	5920.2	5109.7
-15°	15188.5	13839.6	12589.0	11468.9	10482.8	9526.8	8624.1	7662.2	6703.9	5776.7	4976.9
-17.5°	14743.5	13386.4	12154.8	11099.6	10164.2	9257.9	8372.2	7475.7	6552.9	5642.1	4857.3
-20°	14238.2	12905.5	11685.4	10662.7	9780.0	8921.3	8102.4	7267.0	6343.5	5487.3	4731.8



REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13511.2	12334.0	11215.5	10212.6	9368.8	8582.9	7794.2	6986.4	6071.8	5293.4	4560.9
-25°	12792.5	11697.9	10692.5	9770.9	8955.9	8209.6	7442.4	6641.6	5830.1	5065.6	4351.9
-27.5°	12089.2	11075.5	10073.7	9245.1	8513.3	7784.2	7063.4	6305.8	5558.6	4809.3	4155.6
-30°	11330.1	10381.8	9478.6	8700.8	8008.1	7333.6	6685.2	5977.9	5242.8	4531.7	3943.8
-32.5°	10496.1	9663.9	8867.9	8135.7	7488.2	6890.6	6275.3	5604.8	4878.5	4272.3	3698.5
-35°	9686.7	8918.6	8231.7	7585.8	6998.1	6451.1	5855.5	5184.1	4546.3	3977.4	3421.7
-37.5°	8962.4	8214.3	7578.1	7021.7	6530.7	6012.1	5418.2	4822.5	4222.8	3649.2	3164.3
-40°	8212.9	7514.8	6949.8	6497.4	6027.6	5560.8	5038.0	4484.1	3892.4	3332.1	2911.7
-42.5°	7486.4	6923.0	6366.0	5913.3	5492.1	5109.9	4668.9	4109.7	3565.8	3079.1	2675.1
-45°	6775.0	6263.3	5754.8	5341.9	4991.6	4633.3	4239.0	3730.7	3242.2	2824.3	2443.3
-47.5°	6044.0	5613.2	5189.1	4805.4	4492.2	4144.1	3763.6	3333.0	2932.6	2556.1	2218.6
-50°	5342.4	4992.9	4649.8	4317.3	4000.3	3660.4	3320.4	2972.9	2615.7	2287.5	1981.2
-52.5°	4681.7	4392.2	4102.3	3811.3	3534.2	3237.2	2923.4	2614.3	2300.1	2025.9	1752.4
-55°	4060.1	3812.0	3582.1	3348.6	3115.2	2847.2	2564.2	2285.7	2035.0	1783.1	1560.2
-57.5°	3509.9	3292.1	3109.2	2918.6	2721.1	2483.9	2241.8	2006.5	1798.5	1590.1	1383.7
-60°	3023.8	2833.8	2677.0	2510.9	2335.7	2137.4	1945.3	1758.9	1579.1	1408.9	1231.2
-62.5°	2564.6	2411.4	2270.1	2129.4	1987.1	1836.8	1672.5	1522.2	1382.8	1239.5	1078.8
-65°	2130.3	2010.3	1891.7	1778.1	1661.1	1540.3	1409.5	1290.6	1176.7	1060.4	921.5
-67.5°	1734.2	1640.3	1544.2	1449.2	1357.9	1262.1	1162.7	1063.4	970.7	875.8	763.0
-70°	1396.1	1325.4	1250.6	1171.3	1095.8	1020.8	943.8	863.5	778.7	701.2	624.0
-72.5°	1126.8	1076.0	1020.1	956.0	888.0	823.2	760.8	698.2	633.7	567.4	500.0
-75°	910.6	873.3	830.8	777.3	722.3	665.9	613.3	559.5	500.6	436.3	373.7
-77.5°	721.1	698.2	672.1	629.3	586.1	542.5	495.5	436.7	376.8	317.5	265.8
-80°	540.5	529.7	514.2	477.0	439.8	402.8	363.7	312.3	261.3	213.5	175.1
-82.5°	356.7	349.3	339.4	314.6	290.1	266.0	241.3	205.7	171.6	139.3	110.8
-85°	194.9	188.6	181.6	169.9	158.2	146.5	134.7	115.0	96.5	79.3	63.9
-87.5°	71.3	68.9	66.4	63.9	61.3	58.7	56.0	50.2	44.6	39.2	34.0
-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: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	21.2	19.3	17.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5	4.0
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5	1.2	2.3
82.5°	0.0	0.0	0.0	0.1	1.3	2.0	2.3	2.0	1.1	0.2	0.6
80°	0.0	0.0	0.0	0.2	1.9	4.1	5.1	5.3	4.0	2.8	1.5
77.5°	0.0	0.0	0.0	0.1	0.8	2.2	4.4	7.0	6.9	5.4	3.8
75°	0.0	0.0	0.0	0.3	0.5	0.1	1.6	4.1	6.3	7.6	6.0
72.5°	0.0	0.0	0.0	0.9	2.1	2.2	1.3	1.3	4.5	6.5	7.6
70°	1.1	0.4	0.0	1.3	3.2	4.7	4.4	3.5	2.9	5.6	7.3
67.5°	3.6	3.9	2.9	2.2	3.5	5.3	7.2	6.9	6.0	5.0	7.1
65°	9.0	8.3	7.6	6.7	5.8	5.7	7.5	9.5	9.0	7.7	7.0
62.5°	13.5	13.4	12.4	11.2	10.0	8.7	8.0	10.6	11.7	10.4	8.7
60°	17.3	18.1	17.2	15.7	14.2	12.6	11.4	12.1	13.4	13.0	11.0
57.5°	24.0	23.3	22.9	20.8	18.4	16.5	15.4	15.1	15.4	15.3	13.3
55°	42.2	29.4	29.6	27.3	23.5	20.3	19.4	18.7	17.9	17.6	15.6
52.5°	107.0	59.4	38.1	35.2	30.6	25.1	23.4	22.4	21.2	20.1	17.8
50°	197.5	127.9	72.4	45.4	38.7	33.0	27.4	26.0	24.4	22.8	20.0
47.5°	316.1	219.8	142.9	71.7	50.0	41.2	34.3	29.6	27.7	25.7	22.2
45°	487.0	323.9	224.6	141.9	66.6	56.9	42.4	33.2	30.9	28.4	24.3
42.5°	677.5	475.3	315.1	214.3	127.2	78.8	50.7	40.2	34.1	31.3	26.6
40°	864.3	656.8	423.2	295.5	192.0	105.6	73.0	48.0	37.3	34.3	29.2
37.5°	1071.1	848.9	592.8	382.1	257.9	161.3	100.0	56.0	42.4	37.5	32.0
35°	1326.9	1061.9	762.6	509.1	341.6	212.9	130.1	71.2	52.1	40.9	34.8
32.5°	1582.2	1274.6	946.1	656.8	429.0	260.4	169.2	101.6	63.5	44.4	37.6
30°	1839.2	1469.4	1118.8	793.5	529.6	336.7	211.3	131.2	76.4	48.1	40.6
27.5°	2070.6	1653.2	1280.6	936.2	647.6	417.4	255.4	159.8	90.9	54.5	43.6
25°	2332.0	1851.9	1439.7	1072.8	755.5	501.4	300.6	187.9	112.0	65.6	46.6
22.5°	2668.3	2056.1	1587.2	1196.5	862.3	581.8	358.8	224.9	135.1	77.4	49.6
20°	3002.8	2255.5	1731.7	1351.6	978.5	672.2	426.0	261.8	157.1	89.5	52.6
17.5°	3330.9	2511.1	1941.9	1510.0	1102.9	756.8	488.9	298.0	177.8	102.0	55.6
15°	3625.2	2803.9	2148.6	1659.8	1224.6	835.1	547.0	333.1	197.2	114.4	59.5
12.5°	3872.3	3056.3	2343.2	1800.0	1341.9	906.5	600.1	366.8	215.2	128.3	64.9
10°	4076.5	3269.8	2523.6	1929.4	1452.7	970.8	647.9	400.6	236.2	143.0	70.5
7.5°	4239.6	3446.2	2687.8	2047.1	1553.3	1030.9	699.3	436.1	256.5	156.9	76.2
5°	4362.3	3583.8	2814.6	2131.4	1633.1	1086.2	746.8	468.8	275.4	170.0	81.8
2.5°	4442.0	3685.0	2908.7	2197.5	1698.2	1132.7	788.5	498.2	292.6	181.9	87.3
0°	4489.0	3757.5	2979.8	2248.3	1747.8	1170.4	823.9	523.6	308.0	192.5	92.4
-2.5°	4531.0	3805.0	3041.9	2336.9	1781.9	1232.2	846.6	546.6	332.3	200.1	101.8
-5°	4544.8	3825.9	3082.5	2405.1	1802.5	1282.3	862.5	565.3	353.6	206.3	110.4
-7.5°	4521.4	3813.3	3096.8	2443.9	1812.1	1317.6	871.7	580.0	371.0	211.1	117.9
-10°	4469.3	3772.0	3078.0	2432.2	1825.2	1328.7	877.1	590.8	383.6	214.7	124.1
-12.5°	4392.1	3709.7	3037.5	2406.4	1822.9	1321.6	891.5	599.2	390.2	217.1	128.8
-15°	4291.0	3628.2	2975.7	2368.2	1801.0	1305.7	895.2	602.2	389.5	221.6	131.6
-17.5°	4171.9	3529.2	2892.8	2319.6	1758.4	1281.8	887.1	598.5	385.6	228.2	134.4
-20°	4052.7	3419.4	2794.4	2262.2	1693.9	1250.7	866.5	587.5	378.5	232.6	137.2

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

Scaled Data Report



REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3912.9	3293.2	2709.5	2182.0	1624.2	1213.2	832.7	568.8	368.4	234.4	138.4
-25°	3752.3	3145.9	2607.3	2071.9	1569.3	1170.8	797.9	542.2	355.3	233.8	138.0
-27.5°	3570.7	2988.6	2487.0	1951.2	1512.3	1111.7	764.8	522.7	344.2	230.5	135.9
-30°	3368.2	2840.4	2343.1	1835.2	1442.5	1047.7	721.6	500.9	339.2	226.2	132.1
-32.5°	3149.8	2673.5	2188.4	1746.9	1363.2	981.3	683.4	476.2	330.7	220.7	132.3
-35°	2945.0	2492.0	2030.6	1644.8	1279.1	941.9	657.9	448.7	318.8	213.0	133.0
-37.5°	2725.7	2301.6	1905.7	1538.4	1190.6	896.7	637.2	436.5	303.3	203.2	132.5
-40°	2514.7	2121.0	1761.1	1437.0	1125.0	845.9	604.7	422.8	288.5	191.2	130.8
-42.5°	2301.2	1951.3	1622.7	1326.7	1063.1	796.7	563.0	401.8	276.5	184.3	127.7
-45°	2104.6	1776.1	1475.5	1230.4	994.4	733.7	531.0	375.5	261.8	179.3	125.0
-47.5°	1898.1	1597.6	1341.0	1125.1	904.5	665.2	490.3	354.7	244.1	172.9	123.2
-50°	1684.9	1428.6	1215.2	1009.3	794.5	608.1	446.7	330.0	237.8	167.8	120.2
-52.5°	1498.3	1280.1	1086.5	890.2	711.5	541.3	413.7	303.5	229.4	163.5	115.9
-55°	1337.6	1138.9	959.7	792.7	632.4	492.2	376.3	290.8	219.0	158.1	110.7
-57.5°	1195.5	1007.9	855.7	705.6	566.4	444.8	349.9	275.8	208.1	150.7	106.1
-60°	1057.4	903.5	761.2	627.4	504.8	404.0	329.4	258.5	195.1	141.3	100.8
-62.5°	929.8	794.3	670.5	549.6	449.6	370.8	305.9	238.4	179.7	129.5	94.0
-65°	795.9	680.4	575.8	480.9	399.4	331.8	275.4	215.5	159.5	115.4	85.1
-67.5°	656.8	572.0	490.3	411.2	344.7	288.0	240.5	185.2	135.8	99.0	74.7
-70°	547.0	472.3	403.1	341.0	286.8	240.5	196.5	149.7	109.5	84.8	63.7
-72.5°	435.4	374.6	317.9	268.4	229.8	190.4	150.4	114.5	90.8	69.9	52.1
-75°	322.3	281.1	244.2	209.8	175.0	140.6	114.7	91.1	71.5	54.5	43.9
-77.5°	233.8	204.1	176.9	155.2	131.3	108.4	86.6	66.8	54.2	45.2	36.9
-80°	158.9	143.3	128.3	113.0	93.7	75.5	62.5	51.4	43.6	36.4	29.7
-82.5°	100.1	91.8	84.3	76.6	65.4	55.3	46.4	38.8	32.9	27.5	24.1
-85°	59.4	54.9	50.6	46.3	40.0	34.6	31.9	29.5	27.0	24.5	21.9
-87.5°	33.5	33.0	32.5	31.9	30.3	28.9	27.5	26.3	24.1	21.9	19.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.8

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REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	15.4	13.5	11.6	9.6	7.7	7.7	7.7
87.5°	5.7	6.5	7.0	7.4	7.7	7.7	7.7
85°	3.7	5.2	6.4	7.2	7.7	7.7	7.7
82.5°	1.8	4.0	5.7	7.0	7.7	7.7	7.7
80°	0.4	2.8	5.1	6.7	7.7	7.7	7.7
77.5°	2.4	2.6	4.5	6.5	7.7	7.7	7.7
75°	4.3	3.8	4.2	6.4	7.7	7.7	7.7
72.5°	6.2	5.0	4.9	6.2	7.7	7.7	7.7
70°	7.7	6.1	5.5	6.2	7.7	7.7	7.7
67.5°	7.9	7.2	6.1	6.4	7.7	7.7	7.7
65°	8.2	8.0	6.7	6.7	7.7	7.7	7.7
62.5°	8.6	8.6	7.2	6.9	7.7	7.7	7.7
60°	9.2	9.2	7.7	7.1	7.7	7.7	7.7
57.5°	11.0	10.0	8.4	7.3	7.8	7.7	7.7
55°	12.9	10.8	9.2	7.4	7.9	7.7	7.7
52.5°	14.8	11.8	10.0	7.6	8.0	7.7	7.7
50°	16.7	13.4	10.9	7.7	8.2	7.7	7.7
47.5°	18.6	14.9	11.8	7.9	8.4	7.7	7.7
45°	20.4	16.4	12.7	8.6	8.6	7.7	7.7
42.5°	22.1	17.9	13.7	9.3	8.9	7.7	7.7
40°	23.8	19.3	14.7	10.2	9.2	7.7	7.7
37.5°	25.5	20.7	15.8	11.3	9.5	7.7	7.7
35°	27.1	22.0	16.9	12.3	9.8	7.7	7.7
32.5°	28.9	23.3	17.9	13.2	10.1	7.7	7.7
30°	31.2	24.6	18.9	14.2	10.5	7.7	7.7
27.5°	33.5	25.7	20.1	15.1	10.9	7.7	7.7
25°	35.8	26.9	21.3	16.0	11.3	7.7	7.7
22.5°	38.0	28.1	22.5	16.9	11.7	7.7	7.7
20°	40.2	29.5	23.6	17.7	12.1	7.7	7.7
17.5°	42.4	30.8	24.7	18.5	12.6	7.7	7.7
15°	44.6	32.1	25.7	19.3	13.0	7.7	7.7
12.5°	46.5	33.3	26.7	20.0	13.4	7.7	7.7
10°	48.4	34.5	27.6	20.7	13.9	7.7	7.7
7.5°	50.0	35.6	28.5	21.4	14.3	7.7	7.7
5°	51.5	36.6	29.3	22.0	14.7	7.7	7.7
2.5°	52.8	37.6	30.1	22.6	15.0	7.7	7.7
0°	53.9	38.5	30.8	23.1	15.4	7.7	7.7
-2.5°	56.9	39.3	31.4	23.1	15.4	7.7	7.7
-5°	59.6	40.1	32.0	23.0	15.3	7.7	7.7
-7.5°	62.0	40.7	32.5	22.9	15.3	7.7	7.7
-10°	64.0	41.3	32.9	22.7	15.2	7.7	7.7
-12.5°	65.5	41.8	33.1	22.5	15.0	7.7	7.7
-15°	66.5	42.2	33.2	22.3	14.9	7.7	7.7
-17.5°	66.8	42.6	33.2	22.0	14.7	7.7	7.7
-20°	68.5	42.8	32.9	21.7	14.5	7.7	7.7

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REPORT NUMBER: P627890 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	72.9	43.0	32.6	21.3	14.2	7.7	7.7
-25°	76.5	45.8	32.0	20.9	14.0	7.7	7.7
-27.5°	79.3	49.4	31.2	20.5	13.7	7.7	7.7
-30°	81.2	52.5	30.4	20.0	13.3	7.7	7.7
-32.5°	82.3	55.0	31.5	19.5	13.0	7.7	7.7
-35°	84.5	57.0	32.4	18.9	12.6	7.7	7.7
-37.5°	86.7	58.3	32.9	18.3	12.2	7.7	7.7
-40°	88.1	58.8	33.2	17.7	11.8	7.7	7.7
-42.5°	88.6	58.8	33.4	17.3	11.3	7.7	7.7
-45°	88.1	58.3	33.5	17.4	10.9	7.7	7.7
-47.5°	86.8	57.5	33.3	17.3	10.4	7.7	7.7
-50°	85.0	56.2	32.7	17.1	9.9	7.7	7.7
-52.5°	82.6	54.4	31.7	16.7	9.4	7.7	7.7
-55°	79.7	52.2	30.4	16.3	8.8	7.7	7.7
-57.5°	76.1	49.3	28.6	15.7	8.3	7.7	7.7
-60°	71.9	46.0	26.6	15.0	7.7	7.7	7.7
-62.5°	66.1	42.1	25.2	14.2	7.7	7.7	7.7
-65°	59.6	37.7	23.5	13.3	7.7	7.7	7.7
-67.5°	52.4	33.9	21.7	12.2	7.7	7.7	7.7
-70°	44.7	30.8	19.7	11.1	7.7	7.7	7.7
-72.5°	39.4	27.4	17.6	10.9	7.7	7.7	7.7
-75°	34.3	23.9	15.3	10.8	7.7	7.7	7.7
-77.5°	29.0	20.2	14.5	10.6	7.7	7.7	7.7
-80°	23.5	18.2	14.0	10.5	7.7	7.7	7.7
-82.5°	21.2	17.1	13.5	10.3	7.7	7.7	7.7
-85°	19.3	15.9	12.8	10.1	7.7	7.7	7.7
-87.5°	17.4	14.7	12.2	9.9	7.7	7.7	7.7
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7

(END OF REPORT)