

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: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-730-U-WR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

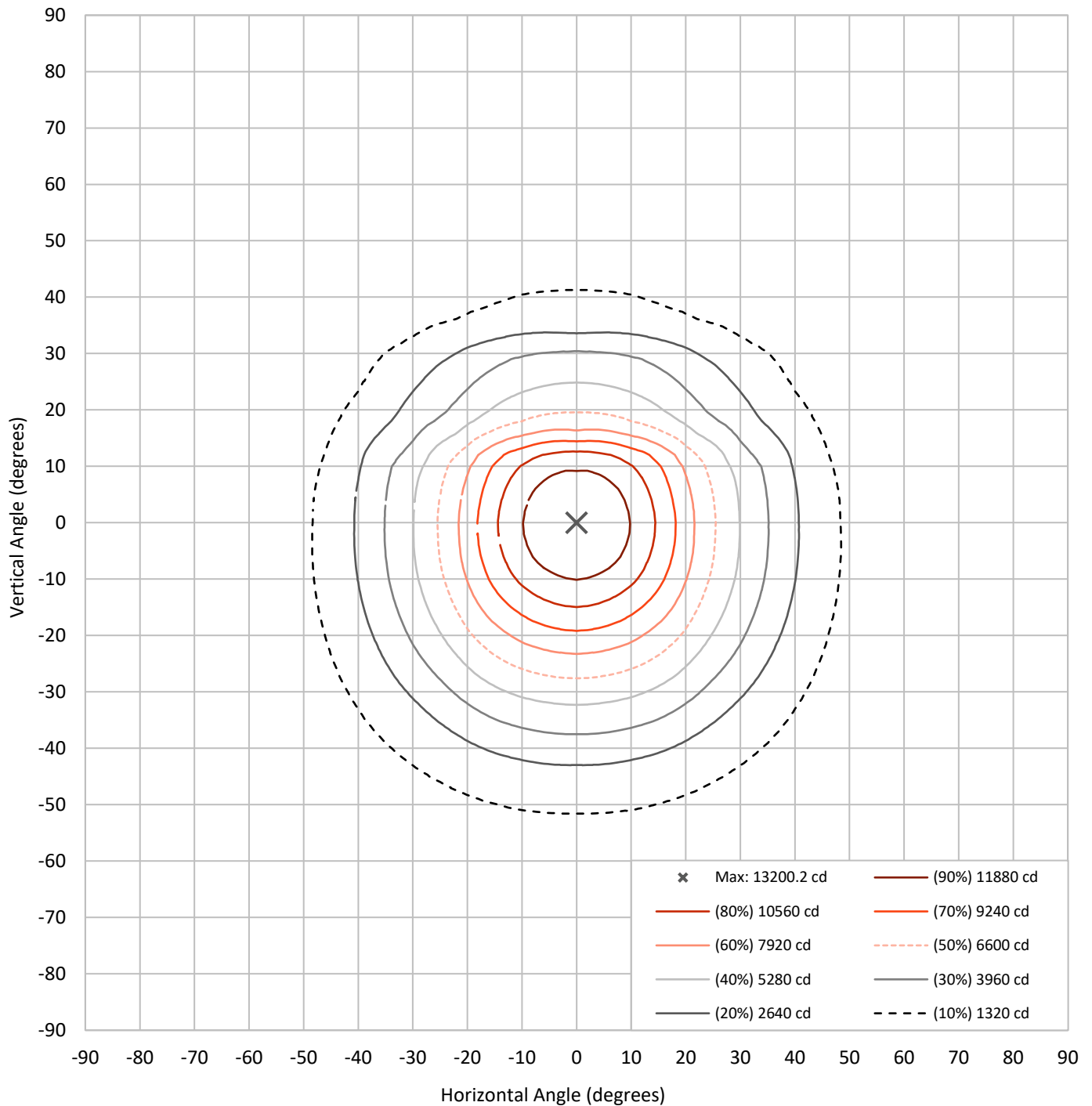
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	11645.4 lumens	Max Intensity:	13200.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	5606.7 lumens	Field Lumens:	10426.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	125.7		
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





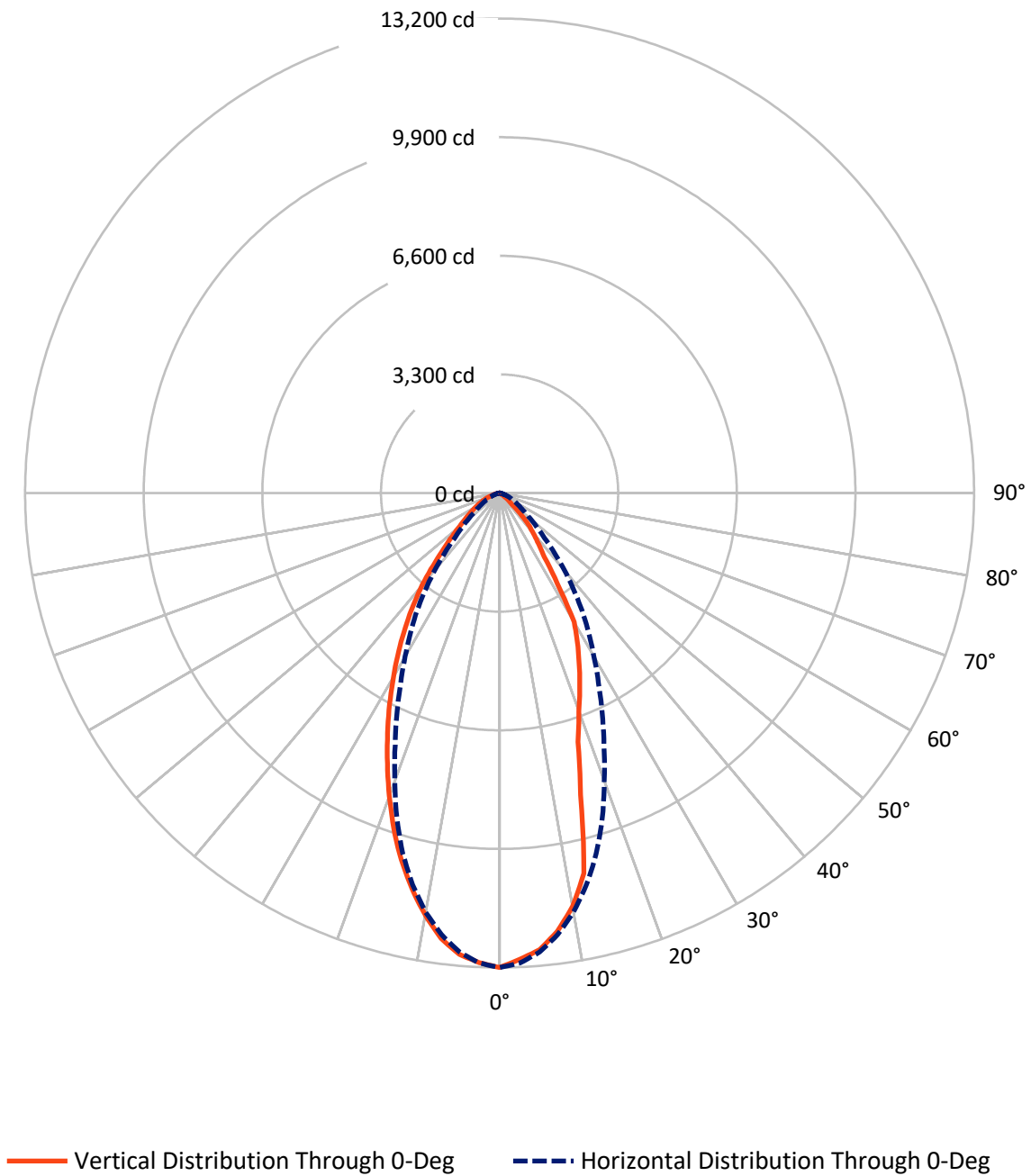
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Lumen Table

90																			
80	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0										
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1				
50		0.3	0.6	1.1	1.8	2.7	3.7	4.1	4.1	3.7	2.7	1.8	1.1	0.6		0.3			
40	0.5	0.9	2.3	4.7	8.7	14.2	20.5	25.2	25.2	20.5	14.2	8.7	4.7	2.3	0.9	0.5			
30		1.8	4.5	10.5	21.7	39.9	61.1	73.4	73.4	61.1	39.9	21.7	10.5	4.5	1.8				
20	1.3	2.8	7.4	19.1	45.2	84.9	129.3	155.8	155.8	129.3	84.9	45.2	19.1	7.4	2.8	1.3			
10		3.8	10.5	30.0	74.4	137.6	215.0	265.9	265.9	215.0	137.6	74.4	30.0	10.5	3.8				
0	1.8	4.4	13.2	38.8	97.7	182.1	292.4	370.8	370.8	292.4	182.1	97.7	38.8	13.2	4.4	1.8			
-10		4.6	13.7	40.0	99.1	184.8	295.4	373.1	373.1	295.4	184.8	99.1	40.0	13.7	4.6				
-20	1.9	4.5	13.0	35.7	87.8	162.2	250.1	308.6	308.6	250.1	162.2	87.8	35.7	13.0	4.5	1.9			
-30		4.2	11.3	27.9	65.5	122.3	182.3	218.6	218.6	182.3	122.3	65.5	27.9	11.3	4.2				
-40	1.6	3.6	9.1	20.2	41.3	75.9	114.5	136.3	136.3	114.5	75.9	41.3	20.2	9.1	3.6	1.6			
-50		3.0	7.0	13.9	24.8	39.7	57.0	67.8	67.8	57.0	39.7	24.8	13.9	7.0	3.0				
-60	1.0	2.4	5.1	9.3	15.1	21.8	28.2	31.9	31.9	28.2	21.8	15.1	9.3	5.1	2.4	1.0			
-70		1.7	3.4	5.7	8.8	12.0	14.6	16.0	16.0	14.6	12.0	8.8	5.7	3.4	1.7				
-80	0.3	3.3	8.5	15.3	13.9	15.3	8.5	3.3	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

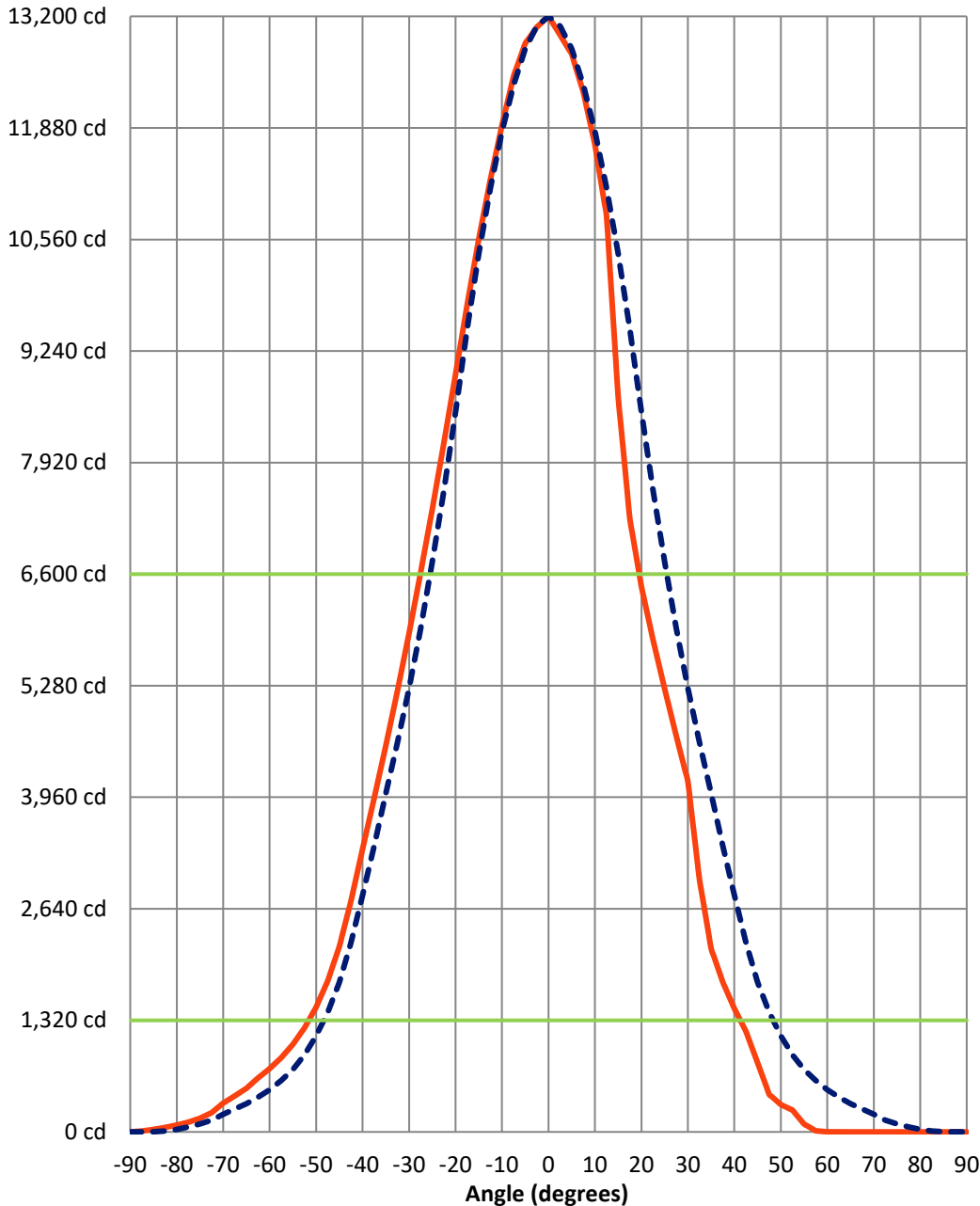
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 5606.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 10426.6
 Efficiency: 89.5%

Spill:
 Lumens: 1218.8
 Efficiency: 10.5%

— 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	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.0	0.9	0.9	1.2	1.1
65°	0.0	0.4	0.8	0.9	0.9	1.0	1.1	0.9	1.3	1.5	1.8
62.5°	0.0	0.4	0.8	0.9	0.9	1.2	1.3	1.2	1.8	2.5	3.9
60°	0.0	0.4	0.9	0.9	0.9	1.5	1.4	1.7	2.2	6.2	6.7
57.5°	0.0	0.5	0.9	0.9	1.2	1.8	2.5	2.4	6.1	10.5	11.5
55°	0.0	0.5	0.9	0.9	1.5	2.1	3.9	3.6	11.2	15.8	17.9
52.5°	0.0	0.5	0.9	0.9	1.8	2.6	5.4	8.8	16.8	23.5	25.4
50°	0.0	0.6	1.0	0.9	2.1	4.2	7.2	14.6	23.5	32.0	38.7
47.5°	0.0	0.6	1.0	1.0	2.4	6.0	9.6	20.5	32.3	41.4	52.6
45°	0.0	0.6	1.0	1.2	2.8	7.8	14.7	26.4	41.1	53.6	66.2
42.5°	0.0	0.7	1.1	1.5	3.1	9.8	19.8	33.4	49.9	65.7	81.4
40°	0.0	0.7	1.1	1.8	4.1	11.9	24.8	41.0	59.0	77.5	97.2
37.5°	0.0	0.7	1.1	2.3	5.8	14.1	29.9	48.5	68.9	89.7	113.4
35°	0.0	0.7	1.2	2.7	7.4	17.5	34.8	55.9	78.9	104.2	130.9
32.5°	0.0	0.8	1.2	3.2	9.0	21.4	40.1	63.2	88.8	119.0	150.7
30°	0.0	0.8	1.3	3.7	10.7	25.2	46.0	70.6	98.8	134.2	170.7
27.5°	0.0	0.8	1.3	4.2	12.6	28.9	51.7	78.8	109.7	149.7	190.7
25°	0.0	0.8	1.4	4.8	14.5	32.5	57.2	86.7	122.3	166.1	210.7
22.5°	0.0	0.8	1.4	5.4	16.3	36.0	62.5	94.4	134.7	182.7	231.0
20°	0.0	0.8	1.5	6.0	18.1	39.4	67.5	101.9	147.0	199.0	250.3
17.5°	0.0	0.9	1.5	6.6	19.9	42.6	72.2	109.0	158.9	214.8	268.6
15°	0.0	0.9	1.6	7.2	21.5	45.6	76.5	115.4	170.4	230.0	285.9
12.5°	0.0	0.9	1.6	7.8	23.1	48.3	80.4	120.7	180.0	244.6	302.1
10°	0.0	0.9	1.7	8.3	24.5	50.9	84.0	125.5	187.6	253.1	314.8
7.5°	0.0	0.9	1.8	8.9	25.9	53.2	87.2	129.6	194.3	259.7	321.4
5°	0.0	0.9	1.8	9.4	27.1	55.2	89.9	133.2	200.1	264.9	326.8
2.5°	0.0	0.9	1.9	9.9	28.2	57.0	92.3	136.2	204.8	268.8	331.0
0°	0.0	0.9	1.9	10.4	29.2	58.5	94.3	138.6	208.4	271.5	333.8
-2.5°	0.0	1.0	2.2	11.1	30.5	60.3	96.9	142.6	212.5	275.4	338.2
-5°	0.0	1.0	2.5	11.7	31.7	61.9	99.0	145.9	215.4	278.2	341.4
-7.5°	0.0	1.1	2.7	12.2	32.7	63.1	100.7	148.5	217.3	280.0	343.2
-10°	0.0	1.1	3.0	12.7	33.6	64.1	101.9	150.4	218.1	280.7	343.8
-12.5°	0.0	1.2	3.2	13.1	34.2	64.7	102.6	151.5	217.8	280.3	342.2
-15°	0.0	1.2	3.5	13.4	34.6	65.0	102.8	151.7	216.2	277.8	338.9
-17.5°	0.0	1.3	3.7	13.6	34.8	64.9	102.5	151.4	213.5	274.5	334.2
-20°	0.0	1.3	3.9	13.8	34.8	64.6	102.2	150.7	210.0	270.4	328.4

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	4.1	13.9	34.5	63.9	102.2	149.3	205.8	265.5	321.2
-25°	0.0	1.4	4.2	13.9	33.9	63.6	101.8	147.3	201.1	259.8	312.8
-27.5°	0.0	1.4	4.3	13.8	33.2	63.4	100.8	144.7	195.9	253.3	305.1
-30°	0.0	1.4	4.4	13.6	32.2	62.7	99.3	141.5	191.3	245.9	296.8
-32.5°	0.0	1.4	4.5	13.3	31.8	61.6	97.4	138.9	186.7	238.3	287.9
-35°	0.0	1.4	4.6	12.9	31.1	60.1	95.4	136.0	181.6	230.3	278.5
-37.5°	0.0	1.4	4.6	12.4	30.2	58.5	93.3	132.5	175.8	222.2	267.4
-40°	0.0	1.4	4.6	11.9	29.0	57.1	90.6	128.4	169.4	214.6	255.5
-42.5°	0.0	1.4	4.5	11.3	28.1	55.3	87.4	123.7	163.5	204.7	242.9
-45°	0.0	1.4	4.4	10.9	27.5	53.1	83.7	118.8	157.5	194.1	229.8
-47.5°	0.0	1.3	4.3	10.3	26.7	50.6	79.4	113.8	150.7	183.2	217.6
-50°	0.0	1.3	4.2	10.1	25.6	47.7	75.7	108.2	141.9	173.2	205.1
-52.5°	0.0	1.2	4.1	10.0	24.2	44.5	71.7	102.0	133.0	162.8	192.3
-55°	0.0	1.2	3.9	9.7	22.5	41.9	67.3	95.4	123.9	151.9	180.3
-57.5°	0.0	1.1	3.7	9.3	20.6	39.0	62.4	89.4	114.4	141.0	167.9
-60°	0.0	1.1	3.4	8.8	18.5	35.8	57.2	82.3	104.6	129.6	155.1
-62.5°	0.0	1.0	3.2	8.2	17.2	32.2	52.2	74.4	94.9	117.8	141.8
-65°	0.0	0.9	3.0	7.5	15.7	28.3	46.7	66.1	84.6	105.4	128.1
-67.5°	0.0	0.9	2.7	6.7	14.1	24.8	40.8	57.7	73.7	92.3	112.9
-70°	0.0	0.8	2.5	5.7	12.2	21.7	34.4	49.1	63.3	78.5	96.6
-72.5°	0.0	0.7	2.2	5.1	10.3	18.4	29.2	40.2	52.7	66.0	80.1
-75°	0.0	0.6	1.9	4.4	8.2	15.0	24.0	32.8	41.8	53.3	65.3
-77.5°	0.0	0.5	1.6	3.7	6.8	11.3	18.5	25.8	33.2	41.1	50.2
-80°	0.0	0.4	1.3	3.0	5.5	8.6	12.8	18.6	24.7	31.1	37.8
-82.5°	0.0	0.3	1.0	2.3	4.1	6.5	9.4	12.5	16.1	21.0	26.2
-85°	0.0	0.2	0.7	1.5	2.8	4.4	6.3	8.4	10.6	13.1	15.9
-87.5°	0.0	0.1	0.3	0.8	1.4	2.2	3.2	4.2	5.3	6.6	8.0
-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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5
65°	0.9	0.9	1.3	1.4	1.0	0.9	0.9	0.9	0.9	0.8	0.8
62.5°	1.3	1.7	2.1	3.3	2.4	0.9	1.8	2.1	1.4	1.1	1.2
60°	4.1	2.8	7.2	10.0	6.5	3.5	4.3	8.5	7.0	1.9	5.0
57.5°	8.3	10.3	18.2	19.1	14.7	10.0	21.8	24.2	20.1	12.6	18.2
55°	17.4	24.4	30.8	30.5	30.6	38.5	45.3	44.5	39.2	54.0	68.0
52.5°	32.8	40.1	44.4	48.4	59.4	66.7	68.8	73.0	88.3	106.7	110.0
50°	48.2	55.7	61.4	75.7	87.0	92.8	98.2	112.2	135.4	148.1	150.1
47.5°	63.7	72.2	87.0	102.7	113.5	122.3	131.6	163.6	189.5	200.3	204.2
45°	80.0	94.5	113.0	129.1	141.7	153.6	183.9	227.6	245.8	262.3	304.2
42.5°	96.8	118.7	139.5	156.4	170.6	195.4	237.6	279.9	306.0	341.0	391.6
40°	118.3	142.8	166.9	184.1	201.9	239.3	291.6	336.4	364.0	411.0	468.7
37.5°	140.1	168.7	194.8	212.9	237.9	288.6	350.0	403.6	437.9	476.2	568.9
35°	161.6	195.2	221.9	246.2	277.1	347.0	422.7	482.4	524.8	590.3	707.6
32.5°	184.6	222.1	249.5	282.5	333.3	411.5	504.4	570.7	640.9	735.2	923.2
30°	209.1	247.4	278.8	318.5	386.6	477.9	585.7	668.9	764.3	917.5	1120.1
27.5°	233.4	272.5	311.2	361.8	436.6	535.1	647.7	779.0	902.2	1073.5	1295.0
25°	256.9	298.1	343.0	404.2	485.0	588.1	711.1	862.5	1023.4	1219.3	1479.3
22.5°	279.3	324.2	376.7	442.4	525.8	638.5	785.1	962.9	1156.3	1359.2	1658.1
20°	301.2	353.2	413.5	487.0	563.4	684.9	857.5	1072.9	1315.2	1593.2	1886.0
17.5°	322.9	381.9	451.6	533.2	625.8	750.1	931.7	1188.2	1483.0	1844.9	2205.4
15°	344.2	410.1	488.3	578.9	688.7	837.3	1043.6	1325.4	1681.7	2115.0	2542.1
12.5°	364.8	437.4	523.6	623.4	749.7	919.4	1149.0	1453.0	1861.3	2378.9	2903.6
10°	384.5	463.6	557.1	666.5	808.2	995.7	1242.2	1563.4	1996.8	2530.2	3113.8
7.5°	394.6	481.3	585.7	707.4	863.3	1065.8	1323.3	1656.8	2102.6	2651.9	3237.0
5°	401.8	489.4	596.4	723.7	893.6	1113.5	1385.3	1733.0	2180.6	2743.5	3320.5
2.5°	407.3	495.2	604.3	733.0	905.6	1129.4	1405.8	1759.6	2222.5	2791.2	3369.1
0°	411.1	498.8	609.1	738.3	911.8	1137.1	1415.2	1770.7	2240.3	2802.2	3386.8
-2.5°	415.1	503.7	614.2	746.5	920.4	1147.6	1425.6	1778.5	2253.6	2805.2	3396.3
-5°	417.4	506.3	616.1	750.5	923.2	1149.5	1424.9	1771.1	2243.0	2783.2	3375.6
-7.5°	418.1	506.5	615.0	749.7	919.6	1140.6	1409.8	1749.0	2206.4	2738.7	3324.6
-10°	417.0	504.3	611.0	742.8	909.3	1122.1	1382.9	1710.7	2146.3	2665.1	3238.5
-12.5°	414.0	499.6	603.7	731.7	892.6	1095.8	1345.0	1656.1	2062.8	2562.9	3117.1
-15°	409.1	492.6	593.2	716.4	869.6	1061.9	1296.2	1585.2	1955.4	2432.9	2965.9
-17.5°	402.4	483.2	579.5	696.8	840.2	1020.8	1237.3	1502.2	1839.5	2287.8	2797.8
-20°	393.8	471.6	562.5	673.0	806.3	977.4	1182.6	1428.7	1731.0	2121.7	2599.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	383.4	457.8	544.5	650.2	776.3	932.4	1121.4	1345.5	1609.3	1929.7	2383.0
-25°	372.6	444.6	527.0	624.8	741.9	881.3	1051.4	1255.6	1494.5	1787.7	2162.5
-27.5°	362.0	429.3	506.7	595.6	703.5	828.7	985.6	1171.7	1384.7	1634.0	1939.2
-30°	350.1	412.3	484.4	564.9	666.6	782.9	918.5	1077.9	1267.3	1492.6	1757.9
-32.5°	337.0	394.0	462.8	538.3	627.1	732.9	850.2	994.5	1159.3	1345.1	1574.4
-35°	324.1	378.4	440.7	509.8	584.7	683.8	791.6	911.3	1051.4	1216.0	1399.4
-37.5°	311.6	361.4	417.0	481.4	551.7	633.9	729.2	837.2	957.9	1088.8	1247.2
-40°	297.7	343.1	395.6	453.9	516.1	587.4	673.3	765.0	868.9	984.1	1106.4
-42.5°	282.6	326.2	374.1	424.4	481.4	545.2	616.4	700.2	786.5	883.1	989.9
-45°	267.8	307.9	351.7	397.6	445.6	501.9	566.6	636.3	712.8	791.6	881.3
-47.5°	252.3	288.8	329.7	369.6	412.1	460.1	515.0	578.3	642.1	712.3	781.8
-50°	236.7	270.9	305.3	342.6	380.7	420.6	467.0	521.6	579.7	637.9	699.1
-52.5°	222.7	252.3	283.4	315.4	350.1	385.6	424.3	469.3	520.1	571.4	624.1
-55°	208.4	235.7	261.4	290.1	320.1	352.1	386.5	424.4	462.7	509.5	554.9
-57.5°	194.5	218.7	241.0	265.4	292.1	319.4	350.4	382.6	417.4	452.7	489.8
-60°	180.5	201.1	221.3	242.4	264.8	289.0	314.0	342.3	372.1	402.8	435.0
-62.5°	166.0	182.7	200.5	219.9	239.6	258.2	279.2	302.3	326.9	353.2	380.5
-65°	149.8	163.7	178.5	195.4	213.9	228.9	245.0	262.4	282.7	304.4	325.8
-67.5°	132.5	144.8	156.9	169.5	184.5	197.9	211.1	224.9	240.1	257.9	275.1
-70°	113.3	125.6	136.3	146.6	156.2	165.7	176.9	187.8	200.1	216.0	231.6
-72.5°	93.8	105.2	115.4	124.2	130.9	136.6	143.5	151.4	163.1	177.9	191.6
-75°	75.8	85.1	94.6	103.0	107.4	109.1	110.5	114.7	126.5	141.7	155.0
-77.5°	59.0	67.1	74.9	82.2	85.3	86.4	87.0	87.0	95.8	108.7	122.2
-80°	43.5	49.1	55.7	62.0	63.8	64.4	64.4	64.0	71.2	80.5	90.4
-82.5°	30.2	34.3	38.4	42.7	43.3	43.0	42.4	41.7	47.5	54.2	61.1
-85°	17.6	19.3	21.9	24.5	24.8	24.6	24.2	23.4	26.7	30.3	34.1
-87.5°	8.8	9.7	10.5	11.4	11.1	10.6	10.0	9.3	10.2	11.2	12.1
-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: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-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°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.2	1.1	0.8	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.7
60°	5.3	3.0	3.1	3.9	3.3	1.5	3.0	3.9	3.6	2.8	2.4
57.5°	27.1	22.7	15.9	26.5	27.3	19.0	20.7	27.0	26.1	20.2	20.1
55°	68.2	69.2	74.3	81.0	86.0	88.3	90.3	100.4	111.3	121.9	127.2
52.5°	112.6	125.8	142.2	153.1	160.6	176.2	197.9	207.9	217.6	228.6	236.6
50°	165.9	188.8	205.2	207.6	233.5	250.2	254.2	272.9	293.3	306.0	315.1
47.5°	246.8	275.7	290.1	299.2	330.7	365.2	365.2	376.0	427.0	453.7	466.6
45°	355.4	379.6	405.0	470.8	531.4	550.6	591.7	647.4	683.7	733.5	788.3
42.5°	448.0	493.3	556.8	629.4	690.1	740.6	801.7	868.7	949.1	1024.8	1090.1
40°	539.6	595.7	674.3	753.2	829.7	899.7	998.2	1084.3	1179.2	1283.3	1370.1
37.5°	659.1	730.9	812.2	911.7	1030.7	1108.4	1243.9	1367.7	1474.6	1600.3	1677.7
35°	842.6	936.2	1008.2	1209.3	1354.1	1445.0	1605.4	1808.8	1886.9	2045.1	2120.2
32.5°	1073.3	1197.8	1387.2	1653.5	1846.8	2014.2	2253.9	2460.4	2636.3	2795.2	2960.5
30°	1332.6	1524.7	1803.9	2157.7	2354.1	2588.5	2912.8	3157.5	3433.3	3736.1	3842.2
27.5°	1567.9	1855.6	2179.7	2466.3	2748.4	3040.4	3358.9	3673.3	3971.9	4223.9	4392.9
25°	1786.0	2134.3	2449.4	2755.7	3061.2	3390.1	3750.4	4107.0	4435.5	4694.8	4891.9
22.5°	2010.9	2378.9	2716.0	3026.8	3382.2	3754.8	4138.1	4547.0	4920.9	5189.9	5404.6
20°	2222.4	2631.7	3016.2	3370.0	3706.0	4136.2	4577.4	5011.2	5418.4	5738.8	5986.4
17.5°	2558.1	2913.5	3383.3	3843.0	4221.4	4616.7	5206.2	5654.0	6105.9	6489.6	6752.0
15°	2970.4	3361.1	3846.2	4477.6	4996.2	5449.0	6058.0	6786.4	7319.4	7809.2	8145.3
12.5°	3382.9	3824.8	4349.6	5060.1	5798.5	6331.8	7070.8	7993.7	8614.5	9372.9	9746.8
10°	3699.1	4254.1	4794.5	5442.9	6152.0	6911.5	7708.0	8571.5	9401.0	10052.3	10634.5
7.5°	3826.5	4417.6	5043.1	5704.7	6413.8	7197.6	8046.6	8945.0	9798.8	10526.2	11166.0
5°	3921.7	4527.3	5157.0	5833.5	6591.4	7410.0	8271.7	9214.9	10086.8	10866.4	11521.0
2.5°	3982.1	4593.5	5220.5	5908.2	6705.4	7548.3	8437.6	9405.8	10290.8	11093.4	11745.9
0°	4005.3	4607.8	5249.9	5958.0	6747.2	7592.0	8519.8	9499.4	10391.4	11167.3	11838.7
-2.5°	4008.4	4594.5	5251.8	5956.4	6711.6	7564.3	8503.3	9474.8	10348.6	11121.5	11798.8
-5°	3977.0	4562.8	5220.7	5914.7	6670.9	7517.1	8415.8	9354.6	10188.0	10940.2	11592.3
-7.5°	3913.2	4497.4	5140.8	5818.8	6554.6	7375.5	8238.6	9111.4	9929.0	10650.4	11272.8
-10°	3818.6	4390.4	5011.6	5672.2	6368.4	7149.3	7972.2	8806.1	9572.8	10240.0	10815.5
-12.5°	3690.4	4249.1	4842.2	5473.0	6121.0	6865.4	7642.5	8425.6	9124.4	9733.5	10249.8
-15°	3524.0	4069.6	4643.9	5240.4	5868.9	6542.0	7239.5	7957.7	8602.3	9142.4	9614.0
-17.5°	3327.9	3857.1	4402.5	4955.4	5551.7	6183.3	6830.8	7475.5	8025.2	8505.0	8936.4
-20°	3109.3	3619.1	4137.2	4652.7	5193.7	5777.8	6375.8	6942.2	7422.5	7858.5	8253.2



REPORT NUMBER: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2864.2	3352.2	3848.8	4331.2	4819.0	5347.9	5881.9	6394.1	6843.5	7216.4	7559.5
-25°	2601.8	3052.8	3521.7	3974.0	4423.0	4897.0	5382.0	5853.2	6248.7	6572.5	6855.9
-27.5°	2337.5	2749.5	3162.7	3588.5	4003.5	4440.9	4880.0	5287.0	5642.1	5940.2	6178.4
-30°	2059.6	2427.9	2805.2	3190.5	3586.8	3987.1	4383.9	4740.2	5050.2	5312.4	5518.2
-32.5°	1828.6	2108.5	2441.5	2791.3	3162.8	3527.5	3872.6	4197.5	4489.5	4718.5	4893.1
-35°	1607.3	1844.3	2093.7	2403.3	2722.4	3058.0	3375.6	3665.5	3925.8	4125.9	4290.1
-37.5°	1417.0	1604.4	1815.4	2036.4	2303.9	2581.4	2867.9	3140.6	3372.8	3547.3	3693.9
-40°	1252.3	1400.2	1568.8	1744.0	1940.9	2140.2	2389.7	2619.8	2809.3	2972.5	3105.3
-42.5°	1103.4	1228.3	1352.7	1496.4	1645.0	1805.2	1980.3	2150.5	2295.9	2432.5	2545.3
-45°	974.8	1074.6	1173.8	1284.8	1393.9	1524.2	1649.3	1760.9	1878.7	1980.9	2061.4
-47.5°	862.4	940.2	1025.3	1108.3	1195.9	1294.1	1387.2	1472.1	1558.4	1633.2	1693.1
-50°	762.5	827.0	896.5	961.7	1032.6	1104.4	1173.2	1240.8	1306.3	1363.2	1407.4
-52.5°	675.1	731.5	785.6	837.5	893.9	947.0	996.9	1052.6	1103.9	1148.7	1179.0
-55°	600.7	646.7	691.0	734.4	777.0	817.3	857.0	900.3	939.9	975.5	998.0
-57.5°	530.8	569.9	607.4	642.9	676.7	708.7	742.2	775.5	805.9	832.8	850.3
-60°	467.2	499.2	531.6	560.5	587.8	613.4	641.5	668.2	692.8	713.4	725.5
-62.5°	408.9	437.6	461.6	484.4	507.6	530.7	550.7	570.3	589.3	605.3	615.8
-65°	348.0	372.3	392.7	411.1	427.7	445.5	462.6	478.0	491.7	502.2	508.8
-67.5°	293.5	311.4	327.7	342.3	357.2	371.5	384.6	396.3	406.6	413.8	418.6
-70°	246.1	259.8	273.2	286.5	299.7	310.8	320.3	329.1	337.0	340.3	341.8
-72.5°	204.5	216.6	228.4	240.1	251.1	259.8	266.8	273.2	279.0	274.0	265.3
-75°	166.7	177.4	188.4	198.8	208.5	215.1	220.3	225.1	229.5	218.7	203.8
-77.5°	135.9	145.3	153.4	161.5	169.5	173.7	177.0	180.2	183.3	171.3	156.1
-80°	100.8	108.4	115.3	122.1	128.7	131.3	132.7	133.7	134.3	124.0	112.1
-82.5°	68.1	72.1	75.9	79.8	83.9	86.0	87.6	88.8	89.7	82.4	74.1
-85°	38.2	39.3	40.3	41.1	41.7	43.1	44.3	45.5	46.6	43.1	39.3
-87.5°	13.1	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.8	12.2	11.6
-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: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-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°	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.6
60°	1.8	1.1	0.9	0.9	0.9	1.1	1.8	2.4	2.8	3.6	3.9
57.5°	18.7	16.3	14.7	13.2	14.7	16.3	18.7	20.1	20.2	26.1	27.0
55°	124.9	116.3	105.7	93.3	105.7	116.3	124.9	127.2	121.9	111.3	100.4
52.5°	245.0	253.1	257.8	257.4	257.8	253.1	245.0	236.6	228.6	217.6	207.9
50°	322.4	326.8	327.1	323.4	327.1	326.8	322.4	315.1	306.0	293.3	272.9
47.5°	472.4	466.2	455.5	444.1	455.5	466.2	472.4	466.6	453.7	427.0	376.0
45°	824.3	844.2	842.9	817.5	842.9	844.2	824.3	788.3	733.5	683.7	647.4
42.5°	1126.5	1156.2	1177.3	1188.0	1177.3	1156.2	1126.5	1090.1	1024.8	949.1	868.7
40°	1418.9	1447.6	1460.3	1459.6	1460.3	1447.6	1418.9	1370.1	1283.3	1179.2	1084.3
37.5°	1727.9	1765.1	1783.1	1774.5	1783.1	1765.1	1727.9	1677.7	1600.3	1474.6	1367.7
35°	2152.7	2187.5	2188.2	2170.5	2188.2	2187.5	2152.7	2120.2	2045.1	1886.9	1808.8
32.5°	3091.8	3103.5	3014.1	2982.3	3014.1	3103.5	3091.8	2960.5	2795.2	2636.3	2460.4
30°	3947.7	4030.3	4107.0	4145.8	4107.0	4030.3	3947.7	3842.2	3736.1	3433.3	3157.5
27.5°	4520.4	4619.7	4681.2	4685.1	4681.2	4619.7	4520.4	4392.9	4223.9	3971.9	3673.3
25°	5041.2	5152.3	5219.4	5242.4	5219.4	5152.3	5041.2	4891.9	4694.8	4435.5	4107.0
22.5°	5586.9	5717.8	5804.5	5822.2	5804.5	5717.8	5586.9	5404.6	5189.9	4920.9	4547.0
20°	6220.0	6372.3	6455.5	6452.1	6455.5	6372.3	6220.0	5986.4	5738.8	5418.4	5011.2
17.5°	7053.5	7216.9	7288.6	7257.3	7288.6	7216.9	7053.5	6752.0	6489.6	6105.9	5654.0
15°	8490.2	8831.9	8830.6	8694.2	8830.6	8831.9	8490.2	8145.3	7809.2	7319.4	6786.4
12.5°	10262.5	10517.1	10778.4	10834.5	10778.4	10517.1	10262.5	9746.8	9372.9	8614.5	7993.7
10°	11124.8	11462.9	11686.1	11680.3	11686.1	11462.9	11124.8	10634.5	10052.3	9401.0	8571.5
7.5°	11664.3	12037.9	12308.4	12302.6	12308.4	12037.9	11664.3	11166.0	10526.2	9798.8	8945.0
5°	12080.7	12495.0	12734.6	12752.3	12734.6	12495.0	12080.7	11521.0	10866.4	10086.8	9214.9
2.5°	12296.9	12729.5	13017.5	12979.5	13017.5	12729.5	12296.9	11745.9	11093.4	10290.8	9405.8
0°	12387.4	12815.5	13084.2	13200.2	13084.2	12815.5	12387.4	11838.7	11167.3	10391.4	9499.4
-2.5°	12347.9	12764.5	13061.4	13072.9	13061.4	12764.5	12347.9	11798.8	11121.5	10348.6	9474.8
-5°	12136.4	12575.9	12774.9	12880.5	12774.9	12575.9	12136.4	11592.3	10940.2	10188.0	9354.6
-7.5°	11795.2	12124.5	12377.3	12494.0	12377.3	12124.5	11795.2	11272.8	10650.4	9929.0	9111.4
-10°	11264.2	11605.1	11818.7	11915.0	11818.7	11605.1	11264.2	10815.5	10240.0	9572.8	8806.1
-12.5°	10675.9	10985.8	11188.8	11270.1	11188.8	10985.8	10675.9	10249.8	9733.5	9124.4	8425.6
-15°	10019.6	10300.9	10487.8	10565.8	10487.8	10300.9	10019.6	9614.0	9142.4	8602.3	7957.7
-17.5°	9297.1	9543.6	9729.8	9786.0	9729.8	9543.6	9297.1	8936.4	8505.0	8025.2	7475.5
-20°	8554.2	8777.1	8930.4	8963.9	8930.4	8777.1	8554.2	8253.2	7858.5	7422.5	6942.2



REPORT NUMBER: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7805.7	7989.3	8113.8	8155.8	8113.8	7989.3	7805.7	7559.5	7216.4	6843.5	6394.1
-25°	7074.1	7232.6	7332.8	7370.4	7332.8	7232.6	7074.1	6855.9	6572.5	6248.7	5853.2
-27.5°	6370.5	6518.3	6610.4	6622.7	6610.4	6518.3	6370.5	6178.4	5940.2	5642.1	5287.0
-30°	5678.3	5800.3	5871.3	5901.4	5871.3	5800.3	5678.3	5518.2	5312.4	5050.2	4740.2
-32.5°	5031.3	5137.9	5201.7	5218.8	5201.7	5137.9	5031.3	4893.1	4718.5	4489.5	4197.5
-35°	4420.6	4519.1	4575.6	4571.0	4575.6	4519.1	4420.6	4290.1	4125.9	3925.8	3665.5
-37.5°	3815.2	3906.0	3957.3	3952.5	3957.3	3906.0	3815.2	3693.9	3547.3	3372.8	3140.6
-40°	3214.6	3292.9	3338.1	3349.1	3338.1	3292.9	3214.6	3105.3	2972.5	2809.3	2619.8
-42.5°	2639.2	2711.5	2747.6	2733.4	2747.6	2711.5	2639.2	2545.3	2432.5	2295.9	2150.5
-45°	2117.7	2155.1	2179.7	2195.0	2179.7	2155.1	2117.7	2061.4	1980.9	1878.7	1760.9
-47.5°	1737.0	1768.0	1784.8	1787.7	1784.8	1768.0	1737.0	1693.1	1633.2	1558.4	1472.1
-50°	1441.8	1468.2	1479.9	1476.5	1479.9	1468.2	1441.8	1407.4	1363.2	1306.3	1240.8
-52.5°	1200.8	1216.1	1226.4	1231.4	1226.4	1216.1	1200.8	1179.0	1148.7	1103.9	1052.6
-55°	1015.0	1026.9	1033.8	1036.2	1033.8	1026.9	1015.0	998.0	975.5	939.9	900.3
-57.5°	864.8	876.1	880.2	878.8	880.2	876.1	864.8	850.3	832.8	805.9	775.5
-60°	734.8	741.3	746.2	748.6	746.2	741.3	734.8	725.5	713.4	692.8	668.2
-62.5°	624.2	630.3	635.4	638.3	635.4	630.3	624.2	615.8	605.3	589.3	570.3
-65°	513.5	516.1	516.9	515.7	516.9	516.1	513.5	508.8	502.2	491.7	478.0
-67.5°	422.2	424.4	425.9	426.2	425.9	424.4	422.2	418.6	413.8	406.6	396.3
-70°	343.2	344.2	343.1	340.4	343.1	344.2	343.2	341.8	340.3	337.0	329.1
-72.5°	256.4	247.0	237.6	227.2	237.6	247.0	256.4	265.3	274.0	279.0	273.2
-75°	188.5	172.5	166.8	161.2	166.8	172.5	188.5	203.8	218.7	229.5	225.1
-77.5°	140.2	123.6	119.2	115.0	119.2	123.6	140.2	156.1	171.3	183.3	180.2
-80°	99.6	86.6	83.8	81.1	83.8	86.6	99.6	112.1	124.0	134.3	133.7
-82.5°	65.5	56.5	54.6	52.8	54.6	56.5	65.5	74.1	82.4	89.7	88.8
-85°	35.2	31.0	30.1	29.2	30.1	31.0	35.2	39.3	43.1	46.6	45.5
-87.5°	11.0	10.4	10.4	10.4	10.4	10.4	11.0	11.6	12.2	12.8	12.8
-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: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-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°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.6
85°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.9	0.9	0.9
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.7	0.9	0.9
65°	0.2	0.2	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.9
62.5°	0.7	0.9	0.8	0.8	0.8	1.1	1.2	1.2	1.1	1.4	2.1
60°	3.0	1.5	3.3	3.9	3.1	3.0	5.3	5.0	1.9	7.0	8.5
57.5°	20.7	19.0	27.3	26.5	15.9	22.7	27.1	18.2	12.6	20.1	24.2
55°	90.3	88.3	86.0	81.0	74.3	69.2	68.2	68.0	54.0	39.2	44.5
52.5°	197.9	176.2	160.6	153.1	142.2	125.8	112.6	110.0	106.7	88.3	73.0
50°	254.2	250.2	233.5	207.6	205.2	188.8	165.9	150.1	148.1	135.4	112.2
47.5°	365.2	365.2	330.7	299.2	290.1	275.7	246.8	204.2	200.3	189.5	163.6
45°	591.7	550.6	531.4	470.8	405.0	379.6	355.4	304.2	262.3	245.8	227.6
42.5°	801.7	740.6	690.1	629.4	556.8	493.3	448.0	391.6	341.0	306.0	279.9
40°	998.2	899.7	829.7	753.2	674.3	595.7	539.6	468.7	411.0	364.0	336.4
37.5°	1243.9	1108.4	1030.7	911.7	812.2	730.9	659.1	568.9	476.2	437.9	403.6
35°	1605.4	1445.0	1354.1	1209.3	1008.2	936.2	842.6	707.6	590.3	524.8	482.4
32.5°	2253.9	2014.2	1846.8	1653.5	1387.2	1197.8	1073.3	923.2	735.2	640.9	570.7
30°	2912.8	2588.5	2354.1	2157.7	1803.9	1524.7	1332.6	1120.1	917.5	764.3	668.9
27.5°	3358.9	3040.4	2748.4	2466.3	2179.7	1855.6	1567.9	1295.0	1073.5	902.2	779.0
25°	3750.4	3390.1	3061.2	2755.7	2449.4	2134.3	1786.0	1479.3	1219.3	1023.4	862.5
22.5°	4138.1	3754.8	3382.2	3026.8	2716.0	2378.9	2010.9	1658.1	1359.2	1156.3	962.9
20°	4577.4	4136.2	3706.0	3370.0	3016.2	2631.7	2222.4	1886.0	1593.2	1315.2	1072.9
17.5°	5206.2	4616.7	4221.4	3843.0	3383.3	2913.5	2558.1	2205.4	1844.9	1483.0	1188.2
15°	6058.0	5449.0	4996.2	4477.6	3846.2	3361.1	2970.4	2542.1	2115.0	1681.7	1325.4
12.5°	7070.8	6331.8	5798.5	5060.1	4349.6	3824.8	3382.9	2903.6	2378.9	1861.3	1453.0
10°	7708.0	6911.5	6152.0	5442.9	4794.5	4254.1	3699.1	3113.8	2530.2	1996.8	1563.4
7.5°	8046.6	7197.6	6413.8	5704.7	5043.1	4417.6	3826.5	3237.0	2651.9	2102.6	1656.8
5°	8271.7	7410.0	6591.4	5833.5	5157.0	4527.3	3921.7	3320.5	2743.5	2180.6	1733.0
2.5°	8437.6	7548.3	6705.4	5908.2	5220.5	4593.5	3982.1	3369.1	2791.2	2222.5	1759.6
0°	8519.8	7592.0	6747.2	5958.0	5249.9	4607.8	4005.3	3386.8	2802.2	2240.3	1770.7
-2.5°	8503.3	7564.3	6711.6	5956.4	5251.8	4594.5	4008.4	3396.3	2805.2	2253.6	1778.5
-5°	8415.8	7517.1	6670.9	5914.7	5220.7	4562.8	3977.0	3375.6	2783.2	2243.0	1771.1
-7.5°	8238.6	7375.5	6554.6	5818.8	5140.8	4497.4	3913.2	3324.6	2738.7	2206.4	1749.0
-10°	7972.2	7149.3	6368.4	5672.2	5011.6	4390.4	3818.6	3238.5	2665.1	2146.3	1710.7
-12.5°	7642.5	6865.4	6121.0	5473.0	4842.2	4249.1	3690.4	3117.1	2562.9	2062.8	1656.1
-15°	7239.5	6542.0	5868.9	5240.4	4643.9	4069.6	3524.0	2965.9	2432.9	1955.4	1585.2
-17.5°	6830.8	6183.3	5551.7	4955.4	4402.5	3857.1	3327.9	2797.8	2287.8	1839.5	1502.2
-20°	6375.8	5777.8	5193.7	4652.7	4137.2	3619.1	3109.3	2599.5	2121.7	1731.0	1428.7



REPORT NUMBER: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5881.9	5347.9	4819.0	4331.2	3848.8	3352.2	2864.2	2383.0	1929.7	1609.3	1345.5
-25°	5382.0	4897.0	4423.0	3974.0	3521.7	3052.8	2601.8	2162.5	1787.7	1494.5	1255.6
-27.5°	4880.0	4440.9	4003.5	3588.5	3162.7	2749.5	2337.5	1939.2	1634.0	1384.7	1171.7
-30°	4383.9	3987.1	3586.8	3190.5	2805.2	2427.9	2059.6	1757.9	1492.6	1267.3	1077.9
-32.5°	3872.6	3527.5	3162.8	2791.3	2441.5	2108.5	1828.6	1574.4	1345.1	1159.3	994.5
-35°	3375.6	3058.0	2722.4	2403.3	2093.7	1844.3	1607.3	1399.4	1216.0	1051.4	911.3
-37.5°	2867.9	2581.4	2303.9	2036.4	1815.4	1604.4	1417.0	1247.2	1088.8	957.9	837.2
-40°	2389.7	2140.2	1940.9	1744.0	1568.8	1400.2	1252.3	1106.4	984.1	868.9	765.0
-42.5°	1980.3	1805.2	1645.0	1496.4	1352.7	1228.3	1103.4	989.9	883.1	786.5	700.2
-45°	1649.3	1524.2	1393.9	1284.8	1173.8	1074.6	974.8	881.3	791.6	712.8	636.3
-47.5°	1387.2	1294.1	1195.9	1108.3	1025.3	940.2	862.4	781.8	712.3	642.1	578.3
-50°	1173.2	1104.4	1032.6	961.7	896.5	827.0	762.5	699.1	637.9	579.7	521.6
-52.5°	996.9	947.0	893.9	837.5	785.6	731.5	675.1	624.1	571.4	520.1	469.3
-55°	857.0	817.3	777.0	734.4	691.0	646.7	600.7	554.9	509.5	462.7	424.4
-57.5°	742.2	708.7	676.7	642.9	607.4	569.9	530.8	489.8	452.7	417.4	382.6
-60°	641.5	613.4	587.8	560.5	531.6	499.2	467.2	435.0	402.8	372.1	342.3
-62.5°	550.7	530.7	507.6	484.4	461.6	437.6	408.9	380.5	353.2	326.9	302.3
-65°	462.6	445.5	427.7	411.1	392.7	372.3	348.0	325.8	304.4	282.7	262.4
-67.5°	384.6	371.5	357.2	342.3	327.7	311.4	293.5	275.1	257.9	240.1	224.9
-70°	320.3	310.8	299.7	286.5	273.2	259.8	246.1	231.6	216.0	200.1	187.8
-72.5°	266.8	259.8	251.1	240.1	228.4	216.6	204.5	191.6	177.9	163.1	151.4
-75°	220.3	215.1	208.5	198.8	188.4	177.4	166.7	155.0	141.7	126.5	114.7
-77.5°	177.0	173.7	169.5	161.5	153.4	145.3	135.9	122.2	108.7	95.8	87.0
-80°	132.7	131.3	128.7	122.1	115.3	108.4	100.8	90.4	80.5	71.2	64.0
-82.5°	87.6	86.0	83.9	79.8	75.9	72.1	68.1	61.1	54.2	47.5	41.7
-85°	44.3	43.1	41.7	41.1	40.3	39.3	38.2	34.1	30.3	26.7	23.4
-87.5°	12.8	12.8	12.8	12.9	13.0	13.1	13.1	12.1	11.2	10.2	9.3
-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: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	0.9	0.9
65°	0.9	0.9	1.0	1.4	1.3	0.9	0.9	1.8	1.5	1.3	0.9
62.5°	1.8	0.9	2.4	3.3	2.1	1.7	1.3	3.9	2.5	1.8	1.2
60°	4.3	3.5	6.5	10.0	7.2	2.8	4.1	6.7	6.2	2.2	1.7
57.5°	21.8	10.0	14.7	19.1	18.2	10.3	8.3	11.5	10.5	6.1	2.4
55°	45.3	38.5	30.6	30.5	30.8	24.4	17.4	17.9	15.8	11.2	3.6
52.5°	68.8	66.7	59.4	48.4	44.4	40.1	32.8	25.4	23.5	16.8	8.8
50°	98.2	92.8	87.0	75.7	61.4	55.7	48.2	38.7	32.0	23.5	14.6
47.5°	131.6	122.3	113.5	102.7	87.0	72.2	63.7	52.6	41.4	32.3	20.5
45°	183.9	153.6	141.7	129.1	113.0	94.5	80.0	66.2	53.6	41.1	26.4
42.5°	237.6	195.4	170.6	156.4	139.5	118.7	96.8	81.4	65.7	49.9	33.4
40°	291.6	239.3	201.9	184.1	166.9	142.8	118.3	97.2	77.5	59.0	41.0
37.5°	350.0	288.6	237.9	212.9	194.8	168.7	140.1	113.4	89.7	68.9	48.5
35°	422.7	347.0	277.1	246.2	221.9	195.2	161.6	130.9	104.2	78.9	55.9
32.5°	504.4	411.5	333.3	282.5	249.5	222.1	184.6	150.7	119.0	88.8	63.2
30°	585.7	477.9	386.6	318.5	278.8	247.4	209.1	170.7	134.2	98.8	70.6
27.5°	647.7	535.1	436.6	361.8	311.2	272.5	233.4	190.7	149.7	109.7	78.8
25°	711.1	588.1	485.0	404.2	343.0	298.1	256.9	210.7	166.1	122.3	86.7
22.5°	785.1	638.5	525.8	442.4	376.7	324.2	279.3	231.0	182.7	134.7	94.4
20°	857.5	684.9	563.4	487.0	413.5	353.2	301.2	250.3	199.0	147.0	101.9
17.5°	931.7	750.1	625.8	533.2	451.6	381.9	322.9	268.6	214.8	158.9	109.0
15°	1043.6	837.3	688.7	578.9	488.3	410.1	344.2	285.9	230.0	170.4	115.4
12.5°	1149.0	919.4	749.7	623.4	523.6	437.4	364.8	302.1	244.6	180.0	120.7
10°	1242.2	995.7	808.2	666.5	557.1	463.6	384.5	314.8	253.1	187.6	125.5
7.5°	1323.3	1065.8	863.3	707.4	585.7	481.3	394.6	321.4	259.7	194.3	129.6
5°	1385.3	1113.5	893.6	723.7	596.4	489.4	401.8	326.8	264.9	200.1	133.2
2.5°	1405.8	1129.4	905.6	733.0	604.3	495.2	407.3	331.0	268.8	204.8	136.2
0°	1415.2	1137.1	911.8	738.3	609.1	498.8	411.1	333.8	271.5	208.4	138.6
-2.5°	1425.6	1147.6	920.4	746.5	614.2	503.7	415.1	338.2	275.4	212.5	142.6
-5°	1424.9	1149.5	923.2	750.5	616.1	506.3	417.4	341.4	278.2	215.4	145.9
-7.5°	1409.8	1140.6	919.6	749.7	615.0	506.5	418.1	343.2	280.0	217.3	148.5
-10°	1382.9	1122.1	909.3	742.8	611.0	504.3	417.0	343.8	280.7	218.1	150.4
-12.5°	1345.0	1095.8	892.6	731.7	603.7	499.6	414.0	342.2	280.3	217.8	151.5
-15°	1296.2	1061.9	869.6	716.4	593.2	492.6	409.1	338.9	277.8	216.2	151.7
-17.5°	1237.3	1020.8	840.2	696.8	579.5	483.2	402.4	334.2	274.5	213.5	151.4
-20°	1182.6	977.4	806.3	673.0	562.5	471.6	393.8	328.4	270.4	210.0	150.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1121.4	932.4	776.3	650.2	544.5	457.8	383.4	321.2	265.5	205.8	149.3
-25°	1051.4	881.3	741.9	624.8	527.0	444.6	372.6	312.8	259.8	201.1	147.3
-27.5°	985.6	828.7	703.5	595.6	506.7	429.3	362.0	305.1	253.3	195.9	144.7
-30°	918.5	782.9	666.6	564.9	484.4	412.3	350.1	296.8	245.9	191.3	141.5
-32.5°	850.2	732.9	627.1	538.3	462.8	394.0	337.0	287.9	238.3	186.7	138.9
-35°	791.6	683.8	584.7	509.8	440.7	378.4	324.1	278.5	230.3	181.6	136.0
-37.5°	729.2	633.9	551.7	481.4	417.0	361.4	311.6	267.4	222.2	175.8	132.5
-40°	673.3	587.4	516.1	453.9	395.6	343.1	297.7	255.5	214.6	169.4	128.4
-42.5°	616.4	545.2	481.4	424.4	374.1	326.2	282.6	242.9	204.7	163.5	123.7
-45°	566.6	501.9	445.6	397.6	351.7	307.9	267.8	229.8	194.1	157.5	118.8
-47.5°	515.0	460.1	412.1	369.6	329.7	288.8	252.3	217.6	183.2	150.7	113.8
-50°	467.0	420.6	380.7	342.6	305.3	270.9	236.7	205.1	173.2	141.9	108.2
-52.5°	424.3	385.6	350.1	315.4	283.4	252.3	222.7	192.3	162.8	133.0	102.0
-55°	386.5	352.1	320.1	290.1	261.4	235.7	208.4	180.3	151.9	123.9	95.4
-57.5°	350.4	319.4	292.1	265.4	241.0	218.7	194.5	167.9	141.0	114.4	89.4
-60°	314.0	289.0	264.8	242.4	221.3	201.1	180.5	155.1	129.6	104.6	82.3
-62.5°	279.2	258.2	239.6	219.9	200.5	182.7	166.0	141.8	117.8	94.9	74.4
-65°	245.0	228.9	213.9	195.4	178.5	163.7	149.8	128.1	105.4	84.6	66.1
-67.5°	211.1	197.9	184.5	169.5	156.9	144.8	132.5	112.9	92.3	73.7	57.7
-70°	176.9	165.7	156.2	146.6	136.3	125.6	113.3	96.6	78.5	63.3	49.1
-72.5°	143.5	136.6	130.9	124.2	115.4	105.2	93.8	80.1	66.0	52.7	40.2
-75°	110.5	109.1	107.4	103.0	94.6	85.1	75.8	65.3	53.3	41.8	32.8
-77.5°	87.0	86.4	85.3	82.2	74.9	67.1	59.0	50.2	41.1	33.2	25.8
-80°	64.4	64.4	63.8	62.0	55.7	49.1	43.5	37.8	31.1	24.7	18.6
-82.5°	42.4	43.0	43.3	42.7	38.4	34.3	30.2	26.2	21.0	16.1	12.5
-85°	24.2	24.6	24.8	24.5	21.9	19.3	17.6	15.9	13.1	10.6	8.4
-87.5°	10.0	10.6	11.1	11.4	10.5	9.7	8.8	8.0	6.6	5.3	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627032 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-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°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.0	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.1	1.0	0.9	0.9	0.8	0.4	0.0
62.5°	1.3	1.2	0.9	0.9	0.8	0.4	0.0
60°	1.4	1.5	0.9	0.9	0.9	0.4	0.0
57.5°	2.5	1.8	1.2	0.9	0.9	0.5	0.0
55°	3.9	2.1	1.5	0.9	0.9	0.5	0.0
52.5°	5.4	2.6	1.8	0.9	0.9	0.5	0.0
50°	7.2	4.2	2.1	0.9	1.0	0.6	0.0
47.5°	9.6	6.0	2.4	1.0	1.0	0.6	0.0
45°	14.7	7.8	2.8	1.2	1.0	0.6	0.0
42.5°	19.8	9.8	3.1	1.5	1.1	0.7	0.0
40°	24.8	11.9	4.1	1.8	1.1	0.7	0.0
37.5°	29.9	14.1	5.8	2.3	1.1	0.7	0.0
35°	34.8	17.5	7.4	2.7	1.2	0.7	0.0
32.5°	40.1	21.4	9.0	3.2	1.2	0.8	0.0
30°	46.0	25.2	10.7	3.7	1.3	0.8	0.0
27.5°	51.7	28.9	12.6	4.2	1.3	0.8	0.0
25°	57.2	32.5	14.5	4.8	1.4	0.8	0.0
22.5°	62.5	36.0	16.3	5.4	1.4	0.8	0.0
20°	67.5	39.4	18.1	6.0	1.5	0.8	0.0
17.5°	72.2	42.6	19.9	6.6	1.5	0.9	0.0
15°	76.5	45.6	21.5	7.2	1.6	0.9	0.0
12.5°	80.4	48.3	23.1	7.8	1.6	0.9	0.0
10°	84.0	50.9	24.5	8.3	1.7	0.9	0.0
7.5°	87.2	53.2	25.9	8.9	1.8	0.9	0.0
5°	89.9	55.2	27.1	9.4	1.8	0.9	0.0
2.5°	92.3	57.0	28.2	9.9	1.9	0.9	0.0
0°	94.3	58.5	29.2	10.4	1.9	0.9	0.0
-2.5°	96.9	60.3	30.5	11.1	2.2	1.0	0.0
-5°	99.0	61.9	31.7	11.7	2.5	1.0	0.0
-7.5°	100.7	63.1	32.7	12.2	2.7	1.1	0.0
-10°	101.9	64.1	33.6	12.7	3.0	1.1	0.0
-12.5°	102.6	64.7	34.2	13.1	3.2	1.2	0.0
-15°	102.8	65.0	34.6	13.4	3.5	1.2	0.0
-17.5°	102.5	64.9	34.8	13.6	3.7	1.3	0.0
-20°	102.2	64.6	34.8	13.8	3.9	1.3	0.0

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CATALOG NUMBER: GFLD-SA2E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	102.2	63.9	34.5	13.9	4.1	1.3	0.0
-25°	101.8	63.6	33.9	13.9	4.2	1.4	0.0
-27.5°	100.8	63.4	33.2	13.8	4.3	1.4	0.0
-30°	99.3	62.7	32.2	13.6	4.4	1.4	0.0
-32.5°	97.4	61.6	31.8	13.3	4.5	1.4	0.0
-35°	95.4	60.1	31.1	12.9	4.6	1.4	0.0
-37.5°	93.3	58.5	30.2	12.4	4.6	1.4	0.0
-40°	90.6	57.1	29.0	11.9	4.6	1.4	0.0
-42.5°	87.4	55.3	28.1	11.3	4.5	1.4	0.0
-45°	83.7	53.1	27.5	10.9	4.4	1.4	0.0
-47.5°	79.4	50.6	26.7	10.3	4.3	1.3	0.0
-50°	75.7	47.7	25.6	10.1	4.2	1.3	0.0
-52.5°	71.7	44.5	24.2	10.0	4.1	1.2	0.0
-55°	67.3	41.9	22.5	9.7	3.9	1.2	0.0
-57.5°	62.4	39.0	20.6	9.3	3.7	1.1	0.0
-60°	57.2	35.8	18.5	8.8	3.4	1.1	0.0
-62.5°	52.2	32.2	17.2	8.2	3.2	1.0	0.0
-65°	46.7	28.3	15.7	7.5	3.0	0.9	0.0
-67.5°	40.8	24.8	14.1	6.7	2.7	0.9	0.0
-70°	34.4	21.7	12.2	5.7	2.5	0.8	0.0
-72.5°	29.2	18.4	10.3	5.1	2.2	0.7	0.0
-75°	24.0	15.0	8.2	4.4	1.9	0.6	0.0
-77.5°	18.5	11.3	6.8	3.7	1.6	0.5	0.0
-80°	12.8	8.6	5.5	3.0	1.3	0.4	0.0
-82.5°	9.4	6.5	4.1	2.3	1.0	0.3	0.0
-85°	6.3	4.4	2.8	1.5	0.7	0.2	0.0
-87.5°	3.2	2.2	1.4	0.8	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)