

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-727-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N65
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18448.6 lumens
Efficiency: N/A
Efficacy: 115.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 21676.4 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 12245.1 lumens
Beam Efficiency: 66.4%

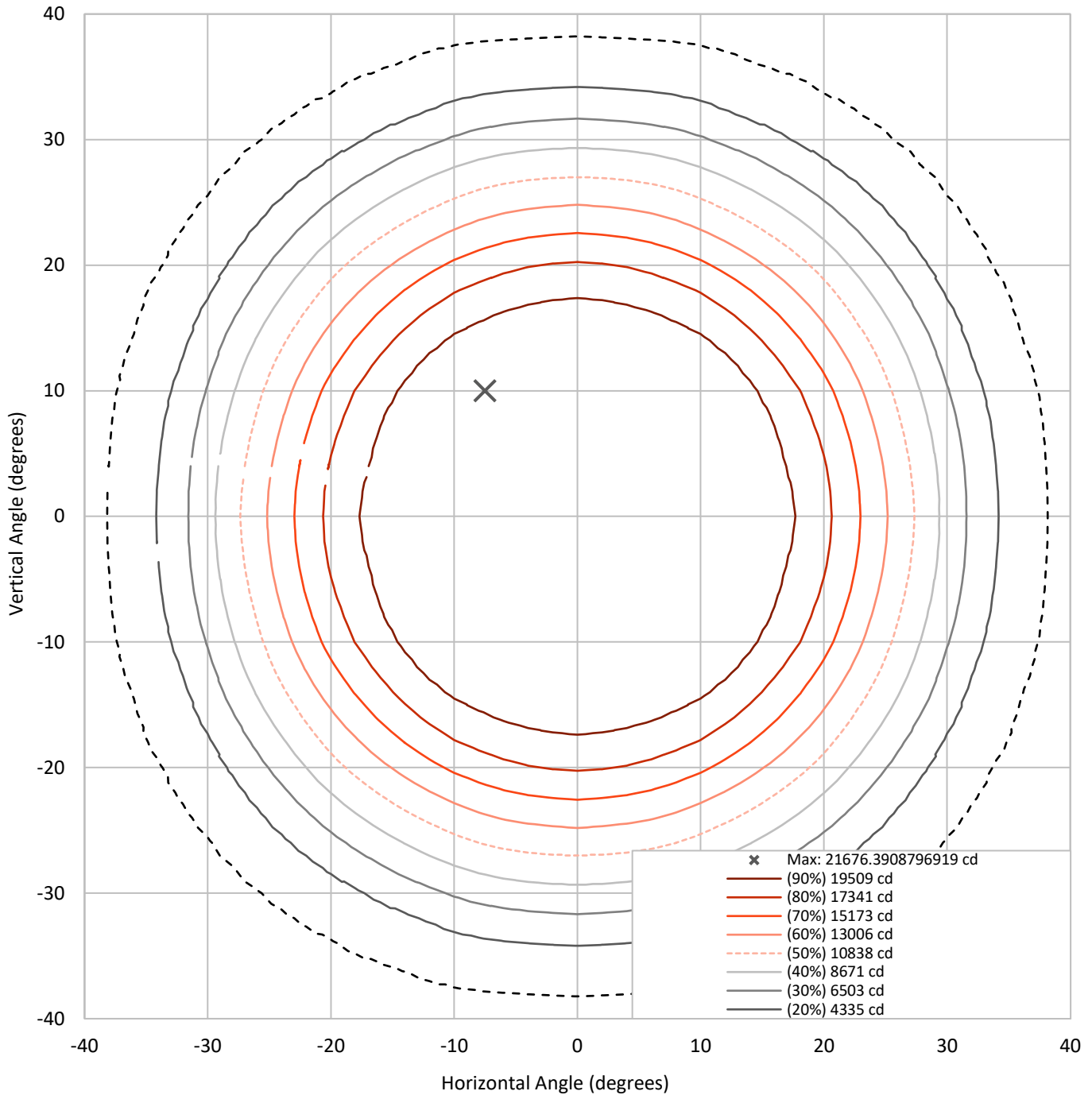
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 15922.2 lumens
Field Efficiency: 86.3%

Input Watts (W): 160.2
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-SA3D-727-U-MWR-XX

Iso-Candela Plot





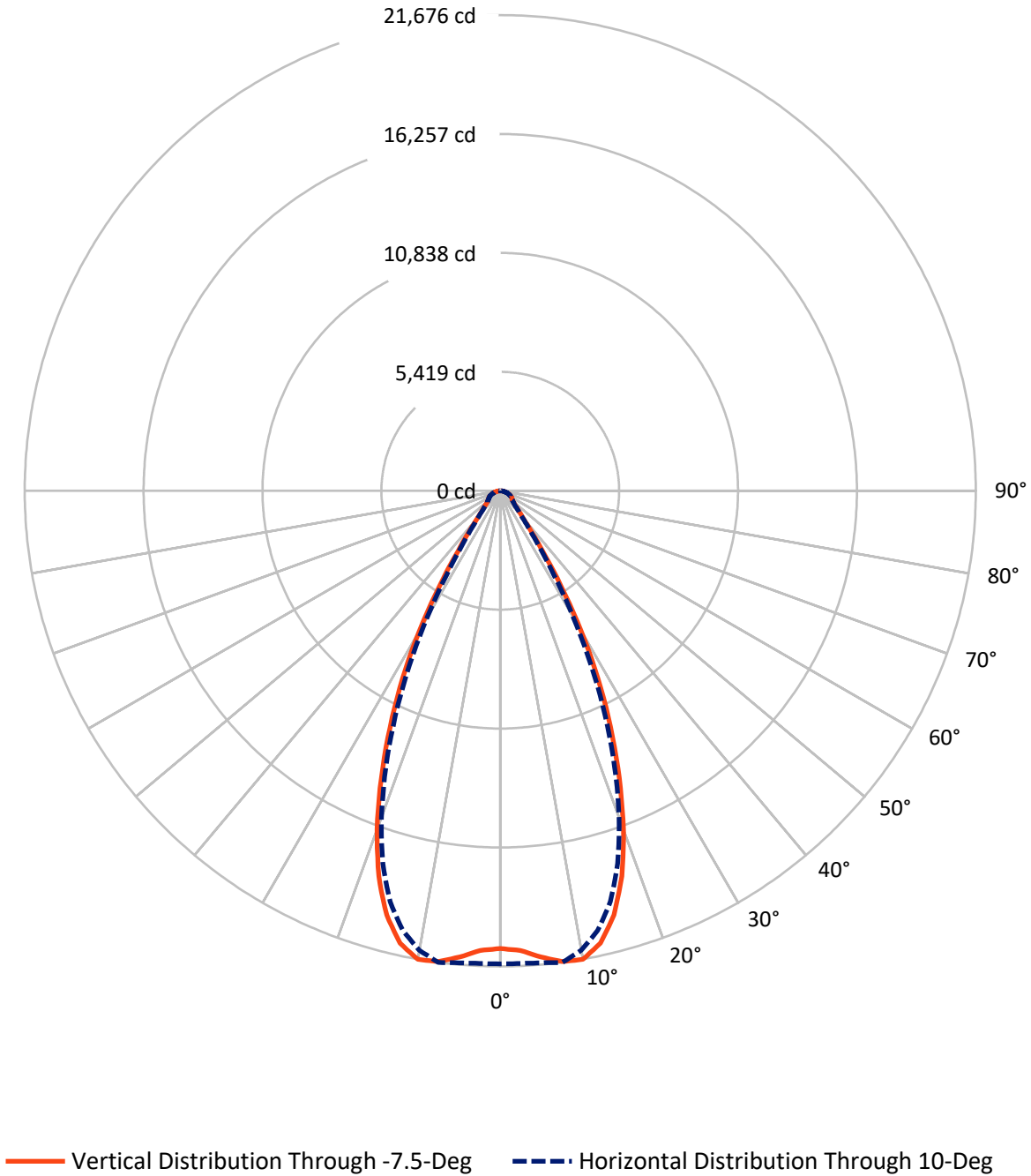
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Lumen Table

90																			
80	0.5	4.3		11.6		18.3		20.5		18.3		11.6		4.3		0.5			
70																			
60	2.0	2.2	4.5	7.4	10.3	12.5	14.2	15.0	15.0	14.2	12.5	10.3	7.4	4.5	2.2	2.0			
50		3.3	6.7	10.6	14.2	17.2	19.3	20.1	20.1	19.3	17.2	14.2	10.6	6.7	3.3				
40	3.5	4.3	8.4	12.9	17.3	22.5	28.3	32.5	32.5	28.3	22.5	17.3	12.9	8.4	4.3	3.5			
30		5.1	9.8	14.9	23.0	41.9	80.2	119.0	119.0	80.2	41.9	23.0	14.9	9.8	5.1				
20	4.5	5.7	10.7	17.3	37.8	118.4	265.7	371.0	371.0	265.7	118.4	37.8	17.3	10.7	5.7	4.5			
10		6.1	11.2	20.6	68.3	252.5	482.1	603.4	603.4	482.1	252.5	68.3	20.6	11.2	6.1				
0	4.8	6.3	11.5	23.2	98.3	345.5	584.9	636.4	636.4	584.9	345.5	98.3	23.2	11.5	6.3	4.8			
-10		6.3	11.5	23.2	98.3	345.5	584.9	636.4	636.4	584.9	345.5	98.3	23.2	11.5	6.3				
-20	4.5	6.1	11.2	20.6	68.3	252.5	482.1	603.4	603.4	482.1	252.5	68.3	20.6	11.2	6.1	4.5			
-30		5.7	10.7	17.3	37.8	118.4	265.7	371.0	371.0	265.7	118.4	37.8	17.3	10.7	5.7				
-40	3.5	5.1	9.8	14.9	23.0	41.9	80.2	119.0	119.0	80.2	41.9	23.0	14.9	9.8	5.1	3.5			
-50		4.3	8.4	12.9	17.3	22.5	28.3	32.5	32.5	28.3	22.5	17.3	12.9	8.4	4.3				
-60	2.0	3.3	6.7	10.6	14.2	17.2	19.3	20.1	20.1	19.3	17.2	14.2	10.6	6.7	3.3	2.0			
-70		2.2	4.5	7.4	10.3	12.5	14.2	15.0	15.0	14.2	12.5	10.3	7.4	4.5	2.2				
-80	0.5	4.3		11.6		18.3		20.5		18.3		11.6		4.3		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

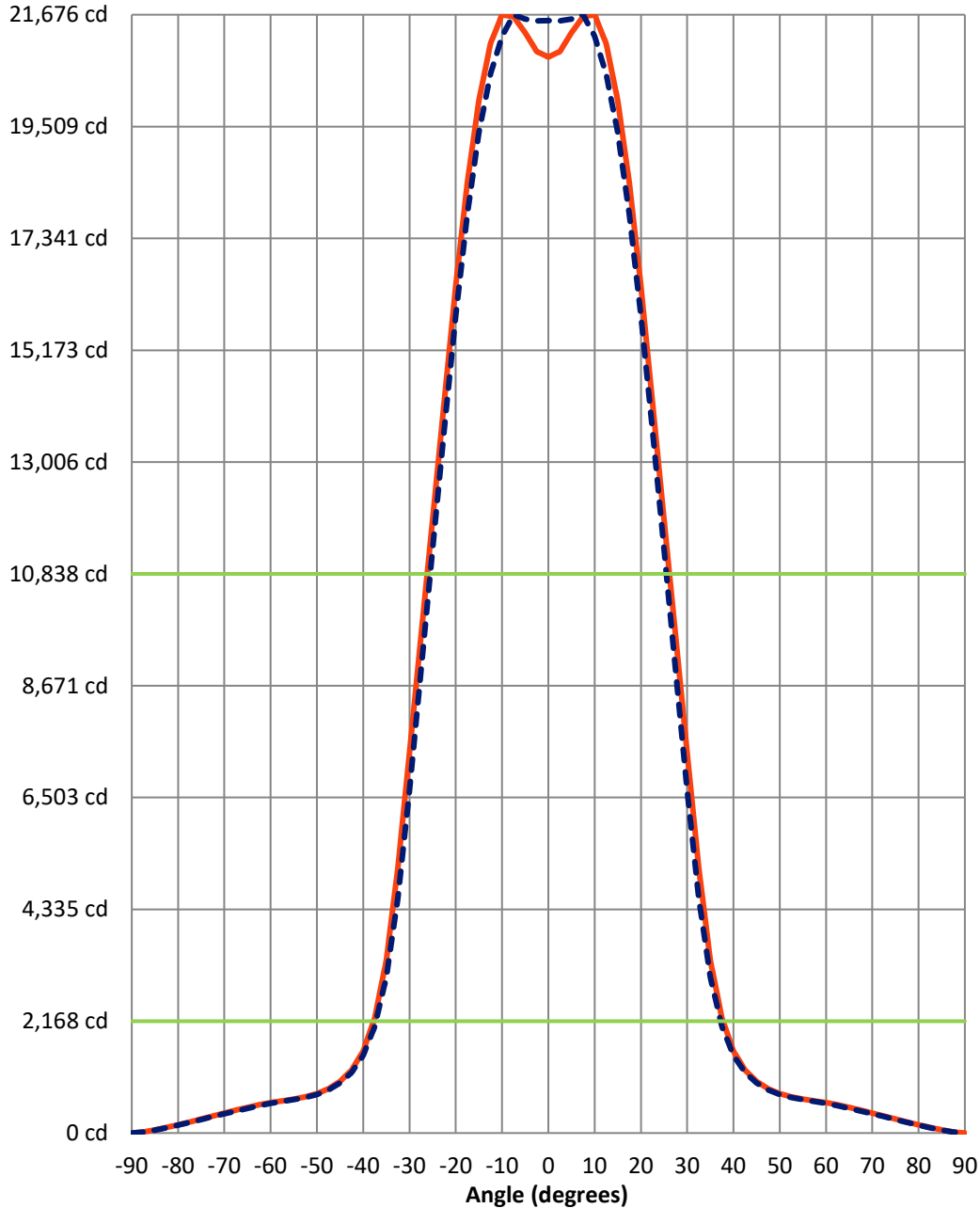
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 12245.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 15922.2
 Efficiency: 86.3%

Spill:
 Lumens: 2526.5
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	6.0	7.1	8.4	9.6
85°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	12.0	14.3	16.7	19.2
82.5°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.9	21.8	27.4	32.8
80°	0.0	3.3	6.6	9.9	13.1	16.4	20.3	27.9	35.2	42.2	48.7
77.5°	0.0	4.1	8.2	12.3	16.4	22.1	30.9	40.0	48.6	56.8	65.6
75°	0.0	4.9	9.8	14.7	20.3	30.9	41.4	51.9	62.2	74.2	85.9
72.5°	0.0	5.7	11.4	17.1	27.2	39.5	51.8	64.4	78.5	92.4	106.1
70°	0.0	6.5	13.0	20.0	34.1	48.1	62.2	78.5	94.6	110.4	127.1
67.5°	0.0	7.3	14.5	25.1	40.9	56.5	74.1	92.4	110.4	129.0	147.9
65°	0.0	8.0	16.0	30.0	47.5	65.5	85.7	106.1	126.4	147.2	169.2
62.5°	0.0	8.8	17.5	34.9	54.0	74.8	97.0	119.5	142.0	165.5	192.1
60°	0.0	9.5	19.0	39.7	60.4	83.9	108.0	132.7	157.2	185.3	214.3
57.5°	0.0	10.2	22.0	44.4	67.3	92.7	119.0	145.4	173.7	204.6	235.3
55°	0.0	10.9	25.0	48.9	74.1	101.2	129.9	158.0	190.1	223.1	255.5
52.5°	0.0	11.6	27.9	53.3	80.6	109.6	140.4	171.7	206.0	240.7	275.0
50°	0.0	12.2	30.6	57.6	86.9	118.2	150.7	185.1	221.2	257.8	294.0
47.5°	0.0	12.8	33.3	61.8	93.0	126.5	160.9	198.0	235.8	274.2	312.3
45°	0.0	13.4	35.8	66.1	98.7	134.6	171.4	210.3	249.9	290.0	329.9
42.5°	0.0	14.0	38.2	70.2	104.2	142.4	181.4	222.0	263.3	305.2	346.5
40°	0.0	14.6	40.4	74.0	109.8	149.8	190.8	233.0	276.1	319.6	362.6
37.5°	0.0	15.1	42.6	77.6	115.4	157.0	199.8	243.4	288.4	333.6	377.9
35°	0.0	15.6	44.6	80.9	120.8	163.9	208.2	253.2	300.2	346.7	392.3
32.5°	0.0	16.0	46.4	84.0	125.9	170.4	216.0	262.2	311.4	358.8	404.9
30°	0.0	16.5	48.1	86.9	130.6	176.5	223.2	270.8	321.9	370.1	416.7
27.5°	0.0	16.9	49.7	89.5	134.8	182.1	229.8	279.2	331.4	380.3	427.6
25°	0.0	17.2	51.1	92.0	138.7	187.2	235.8	286.9	339.8	389.3	437.6
22.5°	0.0	17.6	52.4	94.1	142.1	191.8	241.2	294.0	347.3	397.4	446.6
20°	0.0	17.9	53.5	96.1	145.2	195.6	246.0	300.5	353.9	404.6	454.7
17.5°	0.0	18.1	54.4	97.8	147.9	199.0	250.3	306.2	359.7	410.8	461.7
15°	0.0	18.4	55.2	99.2	150.2	201.9	254.2	311.3	364.6	416.2	467.8
12.5°	0.0	18.5	55.9	100.4	152.1	204.3	257.6	315.8	368.9	420.7	472.8
10°	0.0	18.7	56.4	101.3	153.6	206.2	260.4	319.5	372.7	424.9	477.0
7.5°	0.0	18.8	56.7	102.0	154.7	207.6	262.6	322.4	375.6	428.2	480.7
5°	0.0	18.9	56.9	102.4	155.4	208.4	264.2	324.5	377.7	430.6	483.4
2.5°	0.0	19.0	57.0	102.5	155.6	208.8	265.2	325.8	379.0	432.0	485.1
0°	0.0	19.0	56.9	102.4	155.5	208.6	265.5	326.2	379.4	432.5	485.6
-2.5°	0.0	19.0	57.0	102.5	155.6	208.8	265.2	325.8	379.0	432.0	485.1
-5°	0.0	18.9	56.9	102.4	155.4	208.4	264.2	324.5	377.7	430.6	483.4
-7.5°	0.0	18.8	56.7	102.0	154.7	207.6	262.6	322.4	375.6	428.2	480.7
-10°	0.0	18.7	56.4	101.3	153.6	206.2	260.4	319.5	372.7	424.9	477.0
-12.5°	0.0	18.5	55.9	100.4	152.1	204.3	257.6	315.8	368.9	420.7	472.8
-15°	0.0	18.4	55.2	99.2	150.2	201.9	254.2	311.3	364.6	416.2	467.8
-17.5°	0.0	18.1	54.4	97.8	147.9	199.0	250.3	306.2	359.7	410.8	461.7
-20°	0.0	17.9	53.5	96.1	145.2	195.6	246.0	300.5	353.9	404.6	454.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.6	52.4	94.1	142.1	191.8	241.2	294.0	347.3	397.4	446.6
-25°	0.0	17.2	51.1	92.0	138.7	187.2	235.8	286.9	339.8	389.3	437.6
-27.5°	0.0	16.9	49.7	89.5	134.8	182.1	229.8	279.2	331.4	380.3	427.6
-30°	0.0	16.5	48.1	86.9	130.6	176.5	223.2	270.8	321.9	370.1	416.7
-32.5°	0.0	16.0	46.4	84.0	125.9	170.4	216.0	262.2	311.4	358.8	404.9
-35°	0.0	15.6	44.6	80.9	120.8	163.9	208.2	253.2	300.2	346.7	392.3
-37.5°	0.0	15.1	42.6	77.6	115.4	157.0	199.8	243.4	288.4	333.6	377.9
-40°	0.0	14.6	40.4	74.0	109.8	149.8	190.8	233.0	276.1	319.6	362.6
-42.5°	0.0	14.0	38.2	70.2	104.2	142.4	181.4	222.0	263.3	305.2	346.5
-45°	0.0	13.4	35.8	66.1	98.7	134.6	171.4	210.3	249.9	290.0	329.9
-47.5°	0.0	12.8	33.3	61.8	93.0	126.5	160.9	198.0	235.8	274.2	312.3
-50°	0.0	12.2	30.6	57.6	86.9	118.2	150.7	185.1	221.2	257.8	294.0
-52.5°	0.0	11.6	27.9	53.3	80.6	109.6	140.4	171.7	206.0	240.7	275.0
-55°	0.0	10.9	25.0	48.9	74.1	101.2	129.9	158.0	190.1	223.1	255.5
-57.5°	0.0	10.2	22.0	44.4	67.3	92.7	119.0	145.4	173.7	204.6	235.3
-60°	0.0	9.5	19.0	39.7	60.4	83.9	108.0	132.7	157.2	185.3	214.3
-62.5°	0.0	8.8	17.5	34.9	54.0	74.8	97.0	119.5	142.0	165.5	192.1
-65°	0.0	8.0	16.0	30.0	47.5	65.5	85.7	106.1	126.4	147.2	169.2
-67.5°	0.0	7.3	14.5	25.1	40.9	56.5	74.1	92.4	110.4	129.0	147.9
-70°	0.0	6.5	13.0	20.0	34.1	48.1	62.2	78.5	94.6	110.4	127.1
-72.5°	0.0	5.7	11.4	17.1	27.2	39.5	51.8	64.4	78.5	92.4	106.1
-75°	0.0	4.9	9.8	14.7	20.3	30.9	41.4	51.9	62.2	74.2	85.9
-77.5°	0.0	4.1	8.2	12.3	16.4	22.1	30.9	40.0	48.6	56.8	65.6
-80°	0.0	3.3	6.6	9.9	13.1	16.4	20.3	27.9	35.2	42.2	48.7
-82.5°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.9	21.8	27.4	32.8
-85°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	12.0	14.3	16.7	19.2
-87.5°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	6.0	7.1	8.4	9.6
-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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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°	10.5	11.4	12.2	13.1	13.9	14.7	15.4	16.1	16.8	17.5	18.1
85°	21.0	22.8	25.8	28.9	31.8	34.7	37.4	40.0	42.6	45.0	47.2
82.5°	37.6	42.5	47.5	52.7	57.1	61.4	65.6	69.9	74.2	78.5	82.7
80°	55.3	62.2	70.0	77.4	83.9	90.1	96.1	101.9	108.1	114.8	121.6
77.5°	75.7	85.5	94.7	103.3	111.5	120.6	129.3	137.7	146.4	155.1	163.3
75°	97.6	108.8	120.5	132.0	143.2	154.1	164.7	175.5	186.5	197.3	207.7
72.5°	120.2	134.4	148.2	161.7	175.6	189.2	202.3	214.9	227.9	241.2	254.0
70°	143.7	159.8	176.9	193.3	209.0	224.9	240.9	256.3	271.4	286.8	302.1
67.5°	167.4	187.7	206.8	225.1	243.6	262.2	280.3	298.8	316.6	334.6	351.7
65°	193.5	215.6	236.6	257.5	278.5	300.4	321.7	342.3	363.0	383.1	401.1
62.5°	219.0	242.6	265.8	289.6	314.6	339.2	362.5	386.1	410.2	431.2	449.4
60°	242.6	268.7	294.7	321.8	349.4	375.9	402.0	427.7	453.6	477.7	492.6
57.5°	265.3	294.2	323.0	352.1	381.3	410.8	438.2	466.5	490.5	510.9	528.1
55°	287.4	318.8	349.4	380.1	411.5	442.4	472.2	499.0	522.5	539.5	556.2
52.5°	308.9	342.0	373.7	406.8	440.2	472.9	504.1	529.0	548.3	565.6	581.2
50°	329.8	363.4	396.9	432.8	468.1	502.7	532.0	553.8	573.4	590.3	606.7
47.5°	349.3	384.4	420.2	457.9	495.1	528.5	555.5	578.3	598.3	616.6	635.8
45°	368.2	405.4	443.2	482.1	520.0	552.4	578.4	603.0	621.7	642.3	664.4
42.5°	386.4	425.5	465.1	505.4	543.7	573.9	599.9	622.4	644.4	668.8	695.5
40°	403.8	444.5	485.9	527.7	566.0	592.8	618.2	642.1	668.8	697.8	728.7
37.5°	420.1	462.4	505.3	548.8	582.4	610.0	636.0	662.6	693.7	727.3	769.3
35°	435.3	479.1	523.4	565.2	597.1	626.3	653.3	683.0	719.3	763.1	816.9
32.5°	449.4	494.5	540.1	578.4	610.6	641.0	668.7	705.7	749.3	801.5	877.8
30°	462.5	508.6	554.3	591.4	622.8	653.3	687.1	728.7	779.8	856.0	953.5
27.5°	474.6	521.3	565.5	602.2	633.7	665.2	704.6	755.2	822.4	913.3	1034.5
25°	485.7	533.6	576.2	611.2	643.8	678.7	721.6	778.4	866.8	984.2	1148.0
22.5°	495.7	544.6	586.5	619.1	653.3	691.1	741.1	812.2	914.1	1051.2	1262.5
20°	504.7	552.9	594.2	626.5	662.1	701.3	758.5	844.2	967.1	1144.6	1414.4
17.5°	512.5	560.2	599.9	633.6	670.6	712.9	775.4	871.9	1014.2	1226.2	1568.0
15°	519.2	566.5	604.8	639.7	678.0	726.2	799.0	908.2	1068.9	1311.0	1701.8
12.5°	524.8	571.6	608.7	644.7	684.1	737.4	819.1	942.4	1125.7	1415.2	1899.0
10°	529.2	575.6	611.8	648.5	688.9	746.3	835.5	970.4	1172.8	1505.5	2067.2
7.5°	533.3	578.6	613.9	651.3	692.3	752.9	848.0	992.0	1208.9	1576.4	2200.4
5°	536.3	580.4	615.1	652.8	695.2	757.2	856.4	1006.9	1233.8	1627.1	2294.1
2.5°	538.1	581.0	615.3	653.3	697.3	759.2	860.8	1015.2	1253.4	1651.0	2344.4
0°	538.7	580.4	614.6	652.5	698.0	758.7	861.1	1016.7	1263.2	1650.2	2352.0
-2.5°	538.1	581.0	615.3	653.3	697.3	759.2	860.8	1015.2	1253.4	1651.0	2344.4
-5°	536.3	580.4	615.1	652.8	695.2	757.2	856.4	1006.9	1233.8	1627.1	2294.1
-7.5°	533.3	578.6	613.9	651.3	692.3	752.9	848.0	992.0	1208.9	1576.4	2200.4
-10°	529.2	575.6	611.8	648.5	688.9	746.3	835.5	970.4	1172.8	1505.5	2067.2
-12.5°	524.8	571.6	608.7	644.7	684.1	737.4	819.1	942.4	1125.7	1415.2	1899.0
-15°	519.2	566.5	604.8	639.7	678.0	726.2	799.0	908.2	1068.9	1311.0	1701.8
-17.5°	512.5	560.2	599.9	633.6	670.6	712.9	775.4	871.9	1014.2	1226.2	1568.0
-20°	504.7	552.9	594.2	626.5	662.1	701.3	758.5	844.2	967.1	1144.6	1414.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	495.7	544.6	586.5	619.1	653.3	691.1	741.1	812.2	914.1	1051.2	1262.5
-25°	485.7	533.6	576.2	611.2	643.8	678.7	721.6	778.4	866.8	984.2	1148.0
-27.5°	474.6	521.3	565.5	602.2	633.7	665.2	704.6	755.2	822.4	913.3	1034.5
-30°	462.5	508.6	554.3	591.4	622.8	653.3	687.1	728.7	779.8	856.0	953.5
-32.5°	449.4	494.5	540.1	578.4	610.6	641.0	668.7	705.7	749.3	801.5	877.8
-35°	435.3	479.1	523.4	565.2	597.1	626.3	653.3	683.0	719.3	763.1	816.9
-37.5°	420.1	462.4	505.3	548.8	582.4	610.0	636.0	662.6	693.7	727.3	769.3
-40°	403.8	444.5	485.9	527.7	566.0	592.8	618.2	642.1	668.8	697.8	728.7
-42.5°	386.4	425.5	465.1	505.4	543.7	573.9	599.9	622.4	644.4	668.8	695.5
-45°	368.2	405.4	443.2	482.1	520.0	552.4	578.4	603.0	621.7	642.3	664.4
-47.5°	349.3	384.4	420.2	457.9	495.1	528.5	555.5	578.3	598.3	616.6	635.8
-50°	329.8	363.4	396.9	432.8	468.1	502.7	532.0	553.8	573.4	590.3	606.7
-52.5°	308.9	342.0	373.7	406.8	440.2	472.9	504.1	529.0	548.3	565.6	581.2
-55°	287.4	318.8	349.4	380.1	411.5	442.4	472.2	499.0	522.5	539.5	556.2
-57.5°	265.3	294.2	323.0	352.1	381.3	410.8	438.2	466.5	490.5	510.9	528.1
-60°	242.6	268.7	294.7	321.8	349.4	375.9	402.0	427.7	453.6	477.7	492.6
-62.5°	219.0	242.6	265.8	289.6	314.6	339.2	362.5	386.1	410.2	431.2	449.4
-65°	193.5	215.6	236.6	257.5	278.5	300.4	321.7	342.3	363.0	383.1	401.1
-67.5°	167.4	187.7	206.8	225.1	243.6	262.2	280.3	298.8	316.6	334.6	351.7
-70°	143.7	159.8	176.9	193.3	209.0	224.9	240.9	256.3	271.4	286.8	302.1
-72.5°	120.2	134.4	148.2	161.7	175.6	189.2	202.3	214.9	227.9	241.2	254.0
-75°	97.6	108.8	120.5	132.0	143.2	154.1	164.7	175.5	186.5	197.3	207.7
-77.5°	75.7	85.5	94.7	103.3	111.5	120.6	129.3	137.7	146.4	155.1	163.3
-80°	55.3	62.2	70.0	77.4	83.9	90.1	96.1	101.9	108.1	114.8	121.6
-82.5°	37.6	42.5	47.5	52.7	57.1	61.4	65.6	69.9	74.2	78.5	82.7
-85°	21.0	22.8	25.8	28.9	31.8	34.7	37.4	40.0	42.6	45.0	47.2
-87.5°	10.5	11.4	12.2	13.1	13.9	14.7	15.4	16.1	16.8	17.5	18.1
-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: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.7	18.4	18.1	17.7	17.2	18.4	19.6	20.8	22.0	21.3	20.6
85°	49.4	50.5	51.4	52.2	52.9	55.3	57.5	59.7	61.6	61.6	61.3
82.5°	86.9	89.7	92.1	94.2	96.1	98.9	101.4	103.5	105.3	106.7	107.8
80°	128.0	132.6	136.5	140.0	143.2	146.8	150.2	153.2	155.8	157.2	158.1
77.5°	171.5	178.1	184.1	189.7	195.1	200.4	205.2	209.5	213.3	214.2	214.0
75°	217.5	226.4	234.8	242.5	249.7	255.8	261.0	265.4	269.0	270.7	271.7
72.5°	266.0	277.0	286.8	295.7	303.3	309.6	315.1	319.9	323.9	326.4	327.9
70°	316.6	329.6	339.7	348.0	354.5	360.8	367.9	374.6	380.9	384.5	385.8
67.5°	367.4	380.8	390.1	397.6	403.6	409.8	418.7	426.7	433.8	438.6	441.7
65°	417.0	431.2	440.4	447.7	453.2	459.4	469.3	477.3	483.3	488.1	492.5
62.5°	466.1	480.3	490.7	499.3	507.3	514.1	522.3	528.9	534.1	538.9	544.3
60°	508.6	525.5	536.3	545.1	555.0	565.6	571.6	576.7	581.0	584.8	588.2
57.5°	543.3	558.4	572.3	582.9	593.1	603.1	610.2	614.8	618.6	621.5	622.6
55°	572.3	587.9	603.5	614.9	625.0	634.3	642.0	648.2	653.2	657.2	658.2
52.5°	598.4	615.9	631.2	644.3	657.7	668.6	677.1	685.5	692.8	698.6	701.1
50°	626.7	645.0	664.1	681.7	695.9	708.4	718.8	730.6	743.0	753.2	759.7
47.5°	656.5	677.6	700.6	722.3	739.2	757.7	774.9	792.4	815.4	834.7	849.1
45°	687.6	714.7	741.0	768.6	791.9	826.8	859.1	886.9	923.8	957.3	983.9
42.5°	724.4	758.2	790.4	834.7	881.0	928.6	980.0	1023.9	1081.6	1140.3	1187.8
40°	768.0	811.1	867.9	927.4	1000.5	1065.9	1154.7	1233.8	1322.3	1434.3	1526.9
37.5°	820.5	886.9	965.9	1048.7	1162.7	1271.6	1418.4	1573.0	1713.4	1928.8	2110.0
35°	888.7	981.6	1085.6	1232.1	1393.4	1597.5	1826.4	2125.1	2381.3	2744.7	3091.9
32.5°	976.5	1096.0	1265.8	1491.9	1730.4	2100.9	2464.1	2982.9	3463.1	4039.1	4660.6
30°	1074.2	1256.1	1515.5	1825.7	2270.5	2815.6	3456.0	4252.6	5124.5	5934.0	6731.6
27.5°	1215.9	1476.4	1817.2	2317.8	3011.0	3773.7	4895.7	5977.0	7105.3	8108.2	8944.6
25°	1381.3	1725.6	2252.5	2989.6	3927.2	5233.0	6576.2	7910.8	9124.1	10174.1	11098.3
22.5°	1594.8	2090.0	2792.5	3747.3	5207.2	6772.4	8347.4	9819.5	11113.7	12283.0	13283.4
20°	1827.1	2446.7	3450.0	4873.6	6543.2	8326.4	10104.7	11672.9	13098.0	14423.6	15551.1
17.5°	2121.4	2989.3	4259.7	5967.5	7897.9	9851.5	11719.8	13421.6	15038.4	16441.1	17619.3
15°	2372.3	3467.1	5125.2	7128.1	9216.1	11276.9	13249.3	15097.8	16778.7	18218.0	19325.6
12.5°	2706.9	4002.6	5893.5	8125.9	10388.4	12556.9	14634.5	16545.0	18255.7	19679.2	20541.3
10°	3023.2	4556.9	6636.3	8964.2	11314.9	13625.3	15843.6	17803.0	19391.2	20523.6	21258.3
7.5°	3292.2	5033.4	7240.4	9641.8	12050.9	14466.5	16712.0	18618.4	20082.8	21028.5	21540.0
5°	3493.1	5389.6	7688.8	10192.5	12664.6	15122.5	17350.5	19140.1	20405.8	21108.4	21365.2
2.5°	3621.0	5598.8	7949.1	10553.7	13075.2	15537.6	17788.4	19550.1	20623.9	21089.6	21133.8
0°	3672.1	5625.8	7989.2	10743.3	13178.7	15655.9	17913.0	19718.7	20705.0	21088.2	21080.6
-2.5°	3621.0	5598.8	7949.1	10553.7	13075.2	15537.6	17788.4	19550.1	20623.9	21089.6	21133.8
-5°	3493.1	5389.6	7688.8	10192.5	12664.6	15122.5	17350.5	19140.1	20405.8	21108.4	21365.2
-7.5°	3292.2	5033.4	7240.4	9641.8	12050.9	14466.5	16712.0	18618.4	20082.8	21028.5	21540.0
-10°	3023.2	4556.9	6636.3	8964.2	11314.9	13625.3	15843.6	17803.0	19391.2	20523.6	21258.3
-12.5°	2706.9	4002.6	5893.5	8125.9	10388.4	12556.9	14634.5	16545.0	18255.7	19679.2	20541.3
-15°	2372.3	3467.1	5125.2	7128.1	9216.1	11276.9	13249.3	15097.8	16778.7	18218.0	19325.6
-17.5°	2121.4	2989.3	4259.7	5967.5	7897.9	9851.5	11719.8	13421.6	15038.4	16441.1	17619.3
-20°	1827.1	2446.7	3450.0	4873.6	6543.2	8326.4	10104.7	11672.9	13098.0	14423.6	15551.1

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Scaled Data Report



REPORT NUMBER: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1594.8	2090.0	2792.5	3747.3	5207.2	6772.4	8347.4	9819.5	11113.7	12283.0	13283.4
-25°	1381.3	1725.6	2252.5	2989.6	3927.2	5233.0	6576.2	7910.8	9124.1	10174.1	11098.3
-27.5°	1215.9	1476.4	1817.2	2317.8	3011.0	3773.7	4895.7	5977.0	7105.3	8108.2	8944.6
-30°	1074.2	1256.1	1515.5	1825.7	2270.5	2815.6	3456.0	4252.6	5124.5	5934.0	6731.6
-32.5°	976.5	1096.0	1265.8	1491.9	1730.4	2100.9	2464.1	2982.9	3463.1	4039.1	4660.6
-35°	888.7	981.6	1085.6	1232.1	1393.4	1597.5	1826.4	2125.1	2381.3	2744.7	3091.9
-37.5°	820.5	886.9	965.9	1048.7	1162.7	1271.6	1418.4	1573.0	1713.4	1928.8	2110.0
-40°	768.0	811.1	867.9	927.4	1000.5	1065.9	1154.7	1233.8	1322.3	1434.3	1526.9
-42.5°	724.4	758.2	790.4	834.7	881.0	928.6	980.0	1023.9	1081.6	1140.3	1187.8
-45°	687.6	714.7	741.0	768.6	791.9	826.8	859.1	886.9	923.8	957.3	983.9
-47.5°	656.5	677.6	700.6	722.3	739.2	757.7	774.9	792.4	815.4	834.7	849.1
-50°	626.7	645.0	664.1	681.7	695.9	708.4	718.8	730.6	743.0	753.2	759.7
-52.5°	598.4	615.9	631.2	644.3	657.7	668.6	677.1	685.5	692.8	698.6	701.1
-55°	572.3	587.9	603.5	614.9	625.0	634.3	642.0	648.2	653.2	657.2	658.2
-57.5°	543.3	558.4	572.3	582.9	593.1	603.1	610.2	614.8	618.6	621.5	622.6
-60°	508.6	525.5	536.3	545.1	555.0	565.6	571.6	576.7	581.0	584.8	588.2
-62.5°	466.1	480.3	490.7	499.3	507.3	514.1	522.3	528.9	534.1	538.9	544.3
-65°	417.0	431.2	440.4	447.7	453.2	459.4	469.3	477.3	483.3	488.1	492.5
-67.5°	367.4	380.8	390.1	397.6	403.6	409.8	418.7	426.7	433.8	438.6	441.7
-70°	316.6	329.6	339.7	348.0	354.5	360.8	367.9	374.6	380.9	384.5	385.8
-72.5°	266.0	277.0	286.8	295.7	303.3	309.6	315.1	319.9	323.9	326.4	327.9
-75°	217.5	226.4	234.8	242.5	249.7	255.8	261.0	265.4	269.0	270.7	271.7
-77.5°	171.5	178.1	184.1	189.7	195.1	200.4	205.2	209.5	213.3	214.2	214.0
-80°	128.0	132.6	136.5	140.0	143.2	146.8	150.2	153.2	155.8	157.2	158.1
-82.5°	86.9	89.7	92.1	94.2	96.1	98.9	101.4	103.5	105.3	106.7	107.8
-85°	49.4	50.5	51.4	52.2	52.9	55.3	57.5	59.7	61.6	61.6	61.3
-87.5°	18.7	18.4	18.1	17.7	17.2	18.4	19.6	20.8	22.0	21.3	20.6
-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: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.8	18.9	19.0	19.0	19.0	18.9	19.8	20.6	21.3	22.0	20.8
85°	60.9	60.4	58.7	56.9	58.7	60.4	60.9	61.3	61.6	61.6	59.7
82.5°	108.8	109.4	108.0	106.2	108.0	109.4	108.8	107.8	106.7	105.3	103.5
80°	158.6	158.6	157.2	155.5	157.2	158.6	158.6	158.1	157.2	155.8	153.2
77.5°	213.1	211.5	212.1	212.4	212.1	211.5	213.1	214.0	214.2	213.3	209.5
75°	272.1	271.8	270.9	269.3	270.9	271.8	272.1	271.7	270.7	269.0	265.4
72.5°	328.7	328.6	327.8	326.2	327.8	328.6	328.7	327.9	326.4	323.9	319.9
70°	386.2	385.5	386.4	386.9	386.4	385.5	386.2	385.8	384.5	380.9	374.6
67.5°	444.0	445.6	445.3	443.8	445.3	445.6	444.0	441.7	438.6	433.8	426.7
65°	496.0	498.5	500.1	500.7	500.1	498.5	496.0	492.5	488.1	483.3	477.3
62.5°	548.5	551.5	551.7	550.1	551.7	551.5	548.5	544.3	538.9	534.1	528.9
60°	590.0	590.4	589.7	588.0	589.7	590.4	590.0	588.2	584.8	581.0	576.7
57.5°	622.6	621.4	620.1	618.3	620.1	621.4	622.6	622.6	621.5	618.6	614.8
55°	657.7	655.9	654.3	652.5	654.3	655.9	657.7	658.2	657.2	653.2	648.2
52.5°	701.7	700.7	699.6	698.0	699.6	700.7	701.7	701.1	698.6	692.8	685.5
50°	762.9	763.9	763.8	762.5	763.8	763.9	762.9	759.7	753.2	743.0	730.6
47.5°	858.2	863.2	866.6	868.7	866.6	863.2	858.2	849.1	834.7	815.4	792.4
45°	1000.9	1011.1	1018.3	1024.3	1018.3	1011.1	1000.9	983.9	957.3	923.8	886.9
42.5°	1221.2	1243.9	1254.6	1251.9	1254.6	1243.9	1221.2	1187.8	1140.3	1081.6	1023.9
40°	1588.5	1625.1	1645.4	1661.6	1645.4	1625.1	1588.5	1526.9	1434.3	1322.3	1233.8
37.5°	2233.7	2304.8	2342.2	2374.7	2342.2	2304.8	2233.7	2110.0	1928.8	1713.4	1573.0
35°	3351.4	3511.2	3596.8	3626.6	3596.8	3511.2	3351.4	3091.9	2744.7	2381.3	2125.1
32.5°	5144.3	5439.2	5602.2	5728.2	5602.2	5439.2	5144.3	4660.6	4039.1	3463.1	2982.9
30°	7363.3	7751.6	7967.3	8072.6	7967.3	7751.6	7363.3	6731.6	5934.0	5124.5	4252.6
27.5°	9637.9	10079.4	10311.9	10299.4	10311.9	10079.4	9637.9	8944.6	8108.2	7105.3	5977.0
25°	11890.6	12402.0	12633.7	12841.1	12633.7	12402.0	11890.6	11098.3	10174.1	9124.1	7910.8
22.5°	14168.9	14766.9	15093.1	15246.2	15093.1	14766.9	14168.9	13283.4	12283.0	11113.7	9819.5
20°	16420.1	17085.8	17432.2	17583.0	17432.2	17085.8	16420.1	15551.1	14423.6	13098.0	11672.9
17.5°	18416.7	19066.5	19396.7	19536.6	19396.7	19066.5	18416.7	17619.3	16441.1	15038.4	13421.6
15°	20011.0	20490.3	20771.0	20845.4	20771.0	20490.3	20011.0	19325.6	18218.0	16778.7	15097.8
12.5°	21113.0	21298.7	21433.7	21475.1	21433.7	21298.7	21113.0	20541.3	19679.2	18255.7	16545.0
10°	21676.4	21592.6	21558.0	21562.4	21558.0	21592.6	21676.4	21258.3	20523.6	19391.2	17803.0
7.5°	21637.7	21513.6	21264.4	21224.8	21264.4	21513.6	21637.7	21540.0	21028.5	20082.8	18618.4
5°	21326.7	21100.9	20687.4	20568.5	20687.4	21100.9	21326.7	21365.2	21108.4	20405.8	19140.1
2.5°	20964.5	20557.3	20176.3	19931.2	20176.3	20557.3	20964.5	21133.8	21089.6	20623.9	19550.1
0°	20856.8	20386.4	19893.2	19733.9	19893.2	20386.4	20856.8	21080.6	21088.2	20705.0	19718.7
-2.5°	20964.5	20557.3	20176.3	19931.2	20176.3	20557.3	20964.5	21133.8	21089.6	20623.9	19550.1
-5°	21326.7	21100.9	20687.4	20568.5	20687.4	21100.9	21326.7	21365.2	21108.4	20405.8	19140.1
-7.5°	21637.7	21513.6	21264.4	21224.8	21264.4	21513.6	21637.7	21540.0	21028.5	20082.8	18618.4
-10°	21676.4	21592.6	21558.0	21562.4	21558.0	21592.6	21676.4	21258.3	20523.6	19391.2	17803.0
-12.5°	21113.0	21298.7	21433.7	21475.1	21433.7	21298.7	21113.0	20541.3	19679.2	18255.7	16545.0
-15°	20011.0	20490.3	20771.0	20845.4	20771.0	20490.3	20011.0	19325.6	18218.0	16778.7	15097.8
-17.5°	18416.7	19066.5	19396.7	19536.6	19396.7	19066.5	18416.7	17619.3	16441.1	15038.4	13421.6
-20°	16420.1	17085.8	17432.2	17583.0	17432.2	17085.8	16420.1	15551.1	14423.6	13098.0	11672.9



REPORT NUMBER: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14168.9	14766.9	15093.1	15246.2	15093.1	14766.9	14168.9	13283.4	12283.0	11113.7	9819.5
-25°	11890.6	12402.0	12633.7	12841.1	12633.7	12402.0	11890.6	11098.3	10174.1	9124.1	7910.8
-27.5°	9637.9	10079.4	10311.9	10299.4	10311.9	10079.4	9637.9	8944.6	8108.2	7105.3	5977.0
-30°	7363.3	7751.6	7967.3	8072.6	7967.3	7751.6	7363.3	6731.6	5934.0	5124.5	4252.6
-32.5°	5144.3	5439.2	5602.2	5728.2	5602.2	5439.2	5144.3	4660.6	4039.1	3463.1	2982.9
-35°	3351.4	3511.2	3596.8	3626.6	3596.8	3511.2	3351.4	3091.9	2744.7	2381.3	2125.1
-37.5°	2233.7	2304.8	2342.2	2374.7	2342.2	2304.8	2233.7	2110.0	1928.8	1713.4	1573.0
-40°	1588.5	1625.1	1645.4	1661.6	1645.4	1625.1	1588.5	1526.9	1434.3	1322.3	1233.8
-42.5°	1221.2	1243.9	1254.6	1251.9	1254.6	1243.9	1221.2	1187.8	1140.3	1081.6	1023.9
-45°	1000.9	1011.1	1018.3	1024.3	1018.3	1011.1	1000.9	983.9	957.3	923.8	886.9
-47.5°	858.2	863.2	866.6	868.7	866.6	863.2	858.2	849.1	834.7	815.4	792.4
-50°	762.9	763.9	763.8	762.5	763.8	763.9	762.9	759.7	753.2	743.0	730.6
-52.5°	701.7	700.7	699.6	698.0	699.6	700.7	701.7	701.1	698.6	692.8	685.5
-55°	657.7	655.9	654.3	652.5	654.3	655.9	657.7	658.2	657.2	653.2	648.2
-57.5°	622.6	621.4	620.1	618.3	620.1	621.4	622.6	622.6	621.5	618.6	614.8
-60°	590.0	590.4	589.7	588.0	589.7	590.4	590.0	588.2	584.8	581.0	576.7
-62.5°	548.5	551.5	551.7	550.1	551.7	551.5	548.5	544.3	538.9	534.1	528.9
-65°	496.0	498.5	500.1	500.7	500.1	498.5	496.0	492.5	488.1	483.3	477.3
-67.5°	444.0	445.6	445.3	443.8	445.3	445.6	444.0	441.7	438.6	433.8	426.7
-70°	386.2	385.5	386.4	386.9	386.4	385.5	386.2	385.8	384.5	380.9	374.6
-72.5°	328.7	328.6	327.8	326.2	327.8	328.6	328.7	327.9	326.4	323.9	319.9
-75°	272.1	271.8	270.9	269.3	270.9	271.8	272.1	271.7	270.7	269.0	265.4
-77.5°	213.1	211.5	212.1	212.4	212.1	211.5	213.1	214.0	214.2	213.3	209.5
-80°	158.6	158.6	157.2	155.5	157.2	158.6	158.6	158.1	157.2	155.8	153.2
-82.5°	108.8	109.4	108.0	106.2	108.0	109.4	108.8	107.8	106.7	105.3	103.5
-85°	60.9	60.4	58.7	56.9	58.7	60.4	60.9	61.3	61.6	61.6	59.7
-87.5°	19.8	18.9	19.0	19.0	19.0	18.9	19.8	20.6	21.3	22.0	20.8
-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: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	18.4	17.2	17.7	18.1	18.4	18.7	18.1	17.5	16.8	16.1
85°	57.5	55.3	52.9	52.2	51.4	50.5	49.4	47.2	45.0	42.6	40.0
82.5°	101.4	98.9	96.1	94.2	92.1	89.7	86.9	82.7	78.5	74.2	69.9
80°	150.2	146.8	143.2	140.0	136.5	132.6	128.0	121.6	114.8	108.1	101.9
77.5°	205.2	200.4	195.1	189.7	184.1	178.1	171.5	163.3	155.1	146.4	137.7
75°	261.0	255.8	249.7	242.5	234.8	226.4	217.5	207.7	197.3	186.5	175.5
72.5°	315.1	309.6	303.3	295.7	286.8	277.0	266.0	254.0	241.2	227.9	214.9
70°	367.9	360.8	354.5	348.0	339.7	329.6	316.6	302.1	286.8	271.4	256.3
67.5°	418.7	409.8	403.6	397.6	390.1	380.8	367.4	351.7	334.6	316.6	298.8
65°	469.3	459.4	453.2	447.7	440.4	431.2	417.0	401.1	383.1	363.0	342.3
62.5°	522.3	514.1	507.3	499.3	490.7	480.3	466.1	449.4	431.2	410.2	386.1
60°	571.6	565.6	555.0	545.1	536.3	525.5	508.6	492.6	477.7	453.6	427.7
57.5°	610.2	603.1	593.1	582.9	572.3	558.4	543.3	528.1	510.9	490.5	466.5
55°	642.0	634.3	625.0	614.9	603.5	587.9	572.3	556.2	539.5	522.5	499.0
52.5°	677.1	668.6	657.7	644.3	631.2	615.9	598.4	581.2	565.6	548.3	529.0
50°	718.8	708.4	695.9	681.7	664.1	645.0	626.7	606.7	590.3	573.4	553.8
47.5°	774.9	757.7	739.2	722.3	700.6	677.6	656.5	635.8	616.6	598.3	578.3
45°	859.1	826.8	791.9	768.6	741.0	714.7	687.6	664.4	642.3	621.7	603.0
42.5°	980.0	928.6	881.0	834.7	790.4	758.2	724.4	695.5	668.8	644.4	622.4
40°	1154.7	1065.9	1000.5	927.4	867.9	811.1	768.0	728.7	697.8	668.8	642.1
37.5°	1418.4	1271.6	1162.7	1048.7	965.9	886.9	820.5	769.3	727.3	693.7	662.6
35°	1826.4	1597.5	1393.4	1232.1	1085.6	981.6	888.7	816.9	763.1	719.3	683.0
32.5°	2464.1	2100.9	1730.4	1491.9	1265.8	1096.0	976.5	877.8	801.5	749.3	705.7
30°	3456.0	2815.6	2270.5	1825.7	1515.5	1256.1	1074.2	953.5	856.0	779.8	728.7
27.5°	4895.7	3773.7	3011.0	2317.8	1817.2	1476.4	1215.9	1034.5	913.3	822.4	755.2
25°	6576.2	5233.0	3927.2	2989.6	2252.5	1725.6	1381.3	1148.0	984.2	866.8	778.4
22.5°	8347.4	6772.4	5207.2	3747.3	2792.5	2090.0	1594.8	1262.5	1051.2	914.1	812.2
20°	10104.7	8326.4	6543.2	4873.6	3450.0	2446.7	1827.1	1414.4	1144.6	967.1	844.2
17.5°	11719.8	9851.5	7897.9	5967.5	4259.7	2989.3	2121.4	1568.0	1226.2	1014.2	871.9
15°	13249.3	11276.9	9216.1	7128.1	5125.2	3467.1	2372.3	1701.8	1311.0	1068.9	908.2
12.5°	14634.5	12556.9	10388.4	8125.9	5893.5	4002.6	2706.9	1899.0	1415.2	1125.7	942.4
10°	15843.6	13625.3	11314.9	8964.2	6636.3	4556.9	3023.2	2067.2	1505.5	1172.8	970.4
7.5°	16712.0	14466.5	12050.9	9641.8	7240.4	5033.4	3292.2	2200.4	1576.4	1208.9	992.0
5°	17350.5	15122.5	12664.6	10192.5	7688.8	5389.6	3493.1	2294.1	1627.1	1233.8	1006.9
2.5°	17788.4	15537.6	13075.2	10553.7	7949.1	5598.8	3621.0	2344.4	1651.0	1253.4	1015.2
0°	17913.0	15655.9	13178.7	10743.3	7989.2	5625.8	3672.1	2352.0	1650.2	1263.2	1016.7
-2.5°	17788.4	15537.6	13075.2	10553.7	7949.1	5598.8	3621.0	2344.4	1651.0	1253.4	1015.2
-5°	17350.5	15122.5	12664.6	10192.5	7688.8	5389.6	3493.1	2294.1	1627.1	1233.8	1006.9
-7.5°	16712.0	14466.5	12050.9	9641.8	7240.4	5033.4	3292.2	2200.4	1576.4	1208.9	992.0
-10°	15843.6	13625.3	11314.9	8964.2	6636.3	4556.9	3023.2	2067.2	1505.5	1172.8	970.4
-12.5°	14634.5	12556.9	10388.4	8125.9	5893.5	4002.6	2706.9	1899.0	1415.2	1125.7	942.4
-15°	13249.3	11276.9	9216.1	7128.1	5125.2	3467.1	2372.3	1701.8	1311.0	1068.9	908.2
-17.5°	11719.8	9851.5	7897.9	5967.5	4259.7	2989.3	2121.4	1568.0	1226.2	1014.2	871.9
-20°	10104.7	8326.4	6543.2	4873.6	3450.0	2446.7	1827.1	1414.4	1144.6	967.1	844.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8347.4	6772.4	5207.2	3747.3	2792.5	2090.0	1594.8	1262.5	1051.2	914.1	812.2
-25°	6576.2	5233.0	3927.2	2989.6	2252.5	1725.6	1381.3	1148.0	984.2	866.8	778.4
-27.5°	4895.7	3773.7	3011.0	2317.8	1817.2	1476.4	1215.9	1034.5	913.3	822.4	755.2
-30°	3456.0	2815.6	2270.5	1825.7	1515.5	1256.1	1074.2	953.5	856.0	779.8	728.7
-32.5°	2464.1	2100.9	1730.4	1491.9	1265.8	1096.0	976.5	877.8	801.5	749.3	705.7
-35°	1826.4	1597.5	1393.4	1232.1	1085.6	981.6	888.7	816.9	763.1	719.3	683.0
-37.5°	1418.4	1271.6	1162.7	1048.7	965.9	886.9	820.5	769.3	727.3	693.7	662.6
-40°	1154.7	1065.9	1000.5	927.4	867.9	811.1	768.0	728.7	697.8	668.8	642.1
-42.5°	980.0	928.6	881.0	834.7	790.4	758.2	724.4	695.5	668.8	644.4	622.4
-45°	859.1	826.8	791.9	768.6	741.0	714.7	687.6	664.4	642.3	621.7	603.0
-47.5°	774.9	757.7	739.2	722.3	700.6	677.6	656.5	635.8	616.6	598.3	578.3
-50°	718.8	708.4	695.9	681.7	664.1	645.0	626.7	606.7	590.3	573.4	553.8
-52.5°	677.1	668.6	657.7	644.3	631.2	615.9	598.4	581.2	565.6	548.3	529.0
-55°	642.0	634.3	625.0	614.9	603.5	587.9	572.3	556.2	539.5	522.5	499.0
-57.5°	610.2	603.1	593.1	582.9	572.3	558.4	543.3	528.1	510.9	490.5	466.5
-60°	571.6	565.6	555.0	545.1	536.3	525.5	508.6	492.6	477.7	453.6	427.7
-62.5°	522.3	514.1	507.3	499.3	490.7	480.3	466.1	449.4	431.2	410.2	386.1
-65°	469.3	459.4	453.2	447.7	440.4	431.2	417.0	401.1	383.1	363.0	342.3
-67.5°	418.7	409.8	403.6	397.6	390.1	380.8	367.4	351.7	334.6	316.6	298.8
-70°	367.9	360.8	354.5	348.0	339.7	329.6	316.6	302.1	286.8	271.4	256.3
-72.5°	315.1	309.6	303.3	295.7	286.8	277.0	266.0	254.0	241.2	227.9	214.9
-75°	261.0	255.8	249.7	242.5	234.8	226.4	217.5	207.7	197.3	186.5	175.5
-77.5°	205.2	200.4	195.1	189.7	184.1	178.1	171.5	163.3	155.1	146.4	137.7
-80°	150.2	146.8	143.2	140.0	136.5	132.6	128.0	121.6	114.8	108.1	101.9
-82.5°	101.4	98.9	96.1	94.2	92.1	89.7	86.9	82.7	78.5	74.2	69.9
-85°	57.5	55.3	52.9	52.2	51.4	50.5	49.4	47.2	45.0	42.6	40.0
-87.5°	19.6	18.4	17.2	17.7	18.1	18.4	18.7	18.1	17.5	16.8	16.1
-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: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.4	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.4	7.1	6.0
85°	37.4	34.7	31.8	28.9	25.8	22.8	21.0	19.2	16.7	14.3	12.0
82.5°	65.6	61.4	57.1	52.7	47.5	42.5	37.6	32.8	27.4	21.8	17.9
80°	96.1	90.1	83.9	77.4	70.0	62.2	55.3	48.7	42.2	35.2	27.9
77.5°	129.3	120.6	111.5	103.3	94.7	85.5	75.7	65.6	56.8	48.6	40.0
75°	164.7	154.1	143.2	132.0	120.5	108.8	97.6	85.9	74.2	62.2	51.9
72.5°	202.3	189.2	175.6	161.7	148.2	134.4	120.2	106.1	92.4	78.5	64.4
70°	240.9	224.9	209.0	193.3	176.9	159.8	143.7	127.1	110.4	94.6	78.5
67.5°	280.3	262.2	243.6	225.1	206.8	187.7	167.4	147.9	129.0	110.4	92.4
65°	321.7	300.4	278.5	257.5	236.6	215.6	193.5	169.2	147.2	126.4	106.1
62.5°	362.5	339.2	314.6	289.6	265.8	242.6	219.0	192.1	165.5	142.0	119.5
60°	402.0	375.9	349.4	321.8	294.7	268.7	242.6	214.3	185.3	157.2	132.7
57.5°	438.2	410.8	381.3	352.1	323.0	294.2	265.3	235.3	204.6	173.7	145.4
55°	472.2	442.4	411.5	380.1	349.4	318.8	287.4	255.5	223.1	190.1	158.0
52.5°	504.1	472.9	440.2	406.8	373.7	342.0	308.9	275.0	240.7	206.0	171.7
50°	532.0	502.7	468.1	432.8	396.9	363.4	329.8	294.0	257.8	221.2	185.1
47.5°	555.5	528.5	495.1	457.9	420.2	384.4	349.3	312.3	274.2	235.8	198.0
45°	578.4	552.4	520.0	482.1	443.2	405.4	368.2	329.9	290.0	249.9	210.3
42.5°	599.9	573.9	543.7	505.4	465.1	425.5	386.4	346.5	305.2	263.3	222.0
40°	618.2	592.8	566.0	527.7	485.9	444.5	403.8	362.6	319.6	276.1	233.0
37.5°	636.0	610.0	582.4	548.8	505.3	462.4	420.1	377.9	333.6	288.4	243.4
35°	653.3	626.3	597.1	565.2	523.4	479.1	435.3	392.3	346.7	300.2	253.2
32.5°	668.7	641.0	610.6	578.4	540.1	494.5	449.4	404.9	358.8	311.4	262.2
30°	687.1	653.3	622.8	591.4	554.3	508.6	462.5	416.7	370.1	321.9	270.8
27.5°	704.6	665.2	633.7	602.2	565.5	521.3	474.6	427.6	380.3	331.4	279.2
25°	721.6	678.7	643.8	611.2	576.2	533.6	485.7	437.6	389.3	339.8	286.9
22.5°	741.1	691.1	653.3	619.1	586.5	544.6	495.7	446.6	397.4	347.3	294.0
20°	758.5	701.3	662.1	626.5	594.2	552.9	504.7	454.7	404.6	353.9	300.5
17.5°	775.4	712.9	670.6	633.6	599.9	560.2	512.5	461.7	410.8	359.7	306.2
15°	799.0	726.2	678.0	639.7	604.8	566.5	519.2	467.8	416.2	364.6	311.3
12.5°	819.1	737.4	684.1	644.7	608.7	571.6	524.8	472.8	420.7	368.9	315.8
10°	835.5	746.3	688.9	648.5	611.8	575.6	529.2	477.0	424.9	372.7	319.5
7.5°	848.0	752.9	692.3	651.3	613.9	578.6	533.3	480.7	428.2	375.6	322.4
5°	856.4	757.2	695.2	652.8	615.1	580.4	536.3	483.4	430.6	377.7	324.5
2.5°	860.8	759.2	697.3	653.3	615.3	581.0	538.1	485.1	432.0	379.0	325.8
0°	861.1	758.7	698.0	652.5	614.6	580.4	538.7	485.6	432.5	379.4	326.2
-2.5°	860.8	759.2	697.3	653.3	615.3	581.0	538.1	485.1	432.0	379.0	325.8
-5°	856.4	757.2	695.2	652.8	615.1	580.4	536.3	483.4	430.6	377.7	324.5
-7.5°	848.0	752.9	692.3	651.3	613.9	578.6	533.3	480.7	428.2	375.6	322.4
-10°	835.5	746.3	688.9	648.5	611.8	575.6	529.2	477.0	424.9	372.7	319.5
-12.5°	819.1	737.4	684.1	644.7	608.7	571.6	524.8	472.8	420.7	368.9	315.8
-15°	799.0	726.2	678.0	639.7	604.8	566.5	519.2	467.8	416.2	364.6	311.3
-17.5°	775.4	712.9	670.6	633.6	599.9	560.2	512.5	461.7	410.8	359.7	306.2
-20°	758.5	701.3	662.1	626.5	594.2	552.9	504.7	454.7	404.6	353.9	300.5

Classified

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	741.1	691.1	653.3	619.1	586.5	544.6	495.7	446.6	397.4	347.3	294.0
-25°	721.6	678.7	643.8	611.2	576.2	533.6	485.7	437.6	389.3	339.8	286.9
-27.5°	704.6	665.2	633.7	602.2	565.5	521.3	474.6	427.6	380.3	331.4	279.2
-30°	687.1	653.3	622.8	591.4	554.3	508.6	462.5	416.7	370.1	321.9	270.8
-32.5°	668.7	641.0	610.6	578.4	540.1	494.5	449.4	404.9	358.8	311.4	262.2
-35°	653.3	626.3	597.1	565.2	523.4	479.1	435.3	392.3	346.7	300.2	253.2
-37.5°	636.0	610.0	582.4	548.8	505.3	462.4	420.1	377.9	333.6	288.4	243.4
-40°	618.2	592.8	566.0	527.7	485.9	444.5	403.8	362.6	319.6	276.1	233.0
-42.5°	599.9	573.9	543.7	505.4	465.1	425.5	386.4	346.5	305.2	263.3	222.0
-45°	578.4	552.4	520.0	482.1	443.2	405.4	368.2	329.9	290.0	249.9	210.3
-47.5°	555.5	528.5	495.1	457.9	420.2	384.4	349.3	312.3	274.2	235.8	198.0
-50°	532.0	502.7	468.1	432.8	396.9	363.4	329.8	294.0	257.8	221.2	185.1
-52.5°	504.1	472.9	440.2	406.8	373.7	342.0	308.9	275.0	240.7	206.0	171.7
-55°	472.2	442.4	411.5	380.1	349.4	318.8	287.4	255.5	223.1	190.1	158.0
-57.5°	438.2	410.8	381.3	352.1	323.0	294.2	265.3	235.3	204.6	173.7	145.4
-60°	402.0	375.9	349.4	321.8	294.7	268.7	242.6	214.3	185.3	157.2	132.7
-62.5°	362.5	339.2	314.6	289.6	265.8	242.6	219.0	192.1	165.5	142.0	119.5
-65°	321.7	300.4	278.5	257.5	236.6	215.6	193.5	169.2	147.2	126.4	106.1
-67.5°	280.3	262.2	243.6	225.1	206.8	187.7	167.4	147.9	129.0	110.4	92.4
-70°	240.9	224.9	209.0	193.3	176.9	159.8	143.7	127.1	110.4	94.6	78.5
-72.5°	202.3	189.2	175.6	161.7	148.2	134.4	120.2	106.1	92.4	78.5	64.4
-75°	164.7	154.1	143.2	132.0	120.5	108.8	97.6	85.9	74.2	62.2	51.9
-77.5°	129.3	120.6	111.5	103.3	94.7	85.5	75.7	65.6	56.8	48.6	40.0
-80°	96.1	90.1	83.9	77.4	70.0	62.2	55.3	48.7	42.2	35.2	27.9
-82.5°	65.6	61.4	57.1	52.7	47.5	42.5	37.6	32.8	27.4	21.8	17.9
-85°	37.4	34.7	31.8	28.9	25.8	22.8	21.0	19.2	16.7	14.3	12.0
-87.5°	15.4	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.4	7.1	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



REPORT NUMBER: P627197 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
85°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
82.5°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
80°	20.3	16.4	13.1	9.9	6.6	3.3	0.0
77.5°	30.9	22.1	16.4	12.3	8.2	4.1	0.0
75°	41.4	30.9	20.3	14.7	9.8	4.9	0.0
72.5°	51.8	39.5	27.2	17.1	11.4	5.7	0.0
70°	62.2	48.1	34.1	20.0	13.0	6.5	0.0
67.5°	74.1	56.5	40.9	25.1	14.5	7.3	0.0
65°	85.7	65.5	47.5	30.0	16.0	8.0	0.0
62.5°	97.0	74.8	54.0	34.9	17.5	8.8	0.0
60°	108.0	83.9	60.4	39.7	19.0	9.5	0.0
57.5°	119.0	92.7	67.3	44.4	22.0	10.2	0.0
55°	129.9	101.2	74.1	48.9	25.0	10.9	0.0
52.5°	140.4	109.6	80.6	53.3	27.9	11.6	0.0
50°	150.7	118.2	86.9	57.6	30.6	12.2	0.0
47.5°	160.9	126.5	93.0	61.8	33.3	12.8	0.0
45°	171.4	134.6	98.7	66.1	35.8	13.4	0.0
42.5°	181.4	142.4	104.2	70.2	38.2	14.0	0.0
40°	190.8	149.8	109.8	74.0	40.4	14.6	0.0
37.5°	199.8	157.0	115.4	77.6	42.6	15.1	0.0
35°	208.2	163.9	120.8	80.9	44.6	15.6	0.0
32.5°	216.0	170.4	125.9	84.0	46.4	16.0	0.0
30°	223.2	176.5	130.6	86.9	48.1	16.5	0.0
27.5°	229.8	182.1	134.8	89.5	49.7	16.9	0.0
25°	235.8	187.2	138.7	92.0	51.1	17.2	0.0
22.5°	241.2	191.8	142.1	94.1	52.4	17.6	0.0
20°	246.0	195.6	145.2	96.1	53.5	17.9	0.0
17.5°	250.3	199.0	147.9	97.8	54.4	18.1	0.0
15°	254.2	201.9	150.2	99.2	55.2	18.4	0.0
12.5°	257.6	204.3	152.1	100.4	55.9	18.5	0.0
10°	260.4	206.2	153.6	101.3	56.4	18.7	0.0
7.5°	262.6	207.6	154.7	102.0	56.7	18.8	0.0
5°	264.2	208.4	155.4	102.4	56.9	18.9	0.0
2.5°	265.2	208.8	155.6	102.5	57.0	19.0	0.0
0°	265.5	208.6	155.5	102.4	56.9	19.0	0.0
-2.5°	265.2	208.8	155.6	102.5	57.0	19.0	0.0
-5°	264.2	208.4	155.4	102.4	56.9	18.9	0.0
-7.5°	262.6	207.6	154.7	102.0	56.7	18.8	0.0
-10°	260.4	206.2	153.6	101.3	56.4	18.7	0.0
-12.5°	257.6	204.3	152.1	100.4	55.9	18.5	0.0
-15°	254.2	201.9	150.2	99.2	55.2	18.4	0.0
-17.5°	250.3	199.0	147.9	97.8	54.4	18.1	0.0
-20°	246.0	195.6	145.2	96.1	53.5	17.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	241.2	191.8	142.1	94.1	52.4	17.6	0.0
-25°	235.8	187.2	138.7	92.0	51.1	17.2	0.0
-27.5°	229.8	182.1	134.8	89.5	49.7	16.9	0.0
-30°	223.2	176.5	130.6	86.9	48.1	16.5	0.0
-32.5°	216.0	170.4	125.9	84.0	46.4	16.0	0.0
-35°	208.2	163.9	120.8	80.9	44.6	15.6	0.0
-37.5°	199.8	157.0	115.4	77.6	42.6	15.1	0.0
-40°	190.8	149.8	109.8	74.0	40.4	14.6	0.0
-42.5°	181.4	142.4	104.2	70.2	38.2	14.0	0.0
-45°	171.4	134.6	98.7	66.1	35.8	13.4	0.0
-47.5°	160.9	126.5	93.0	61.8	33.3	12.8	0.0
-50°	150.7	118.2	86.9	57.6	30.6	12.2	0.0
-52.5°	140.4	109.6	80.6	53.3	27.9	11.6	0.0
-55°	129.9	101.2	74.1	48.9	25.0	10.9	0.0
-57.5°	119.0	92.7	67.3	44.4	22.0	10.2	0.0
-60°	108.0	83.9	60.4	39.7	19.0	9.5	0.0
-62.5°	97.0	74.8	54.0	34.9	17.5	8.8	0.0
-65°	85.7	65.5	47.5	30.0	16.0	8.0	0.0
-67.5°	74.1	56.5	40.9	25.1	14.5	7.3	0.0
-70°	62.2	48.1	34.1	20.0	13.0	6.5	0.0
-72.5°	51.8	39.5	27.2	17.1	11.4	5.7	0.0
-75°	41.4	30.9	20.3	14.7	9.8	4.9	0.0
-77.5°	30.9	22.1	16.4	12.3	8.2	4.1	0.0
-80°	20.3	16.4	13.1	9.9	6.6	3.3	0.0
-82.5°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
-85°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
-87.5°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)