

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: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-730-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N19
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

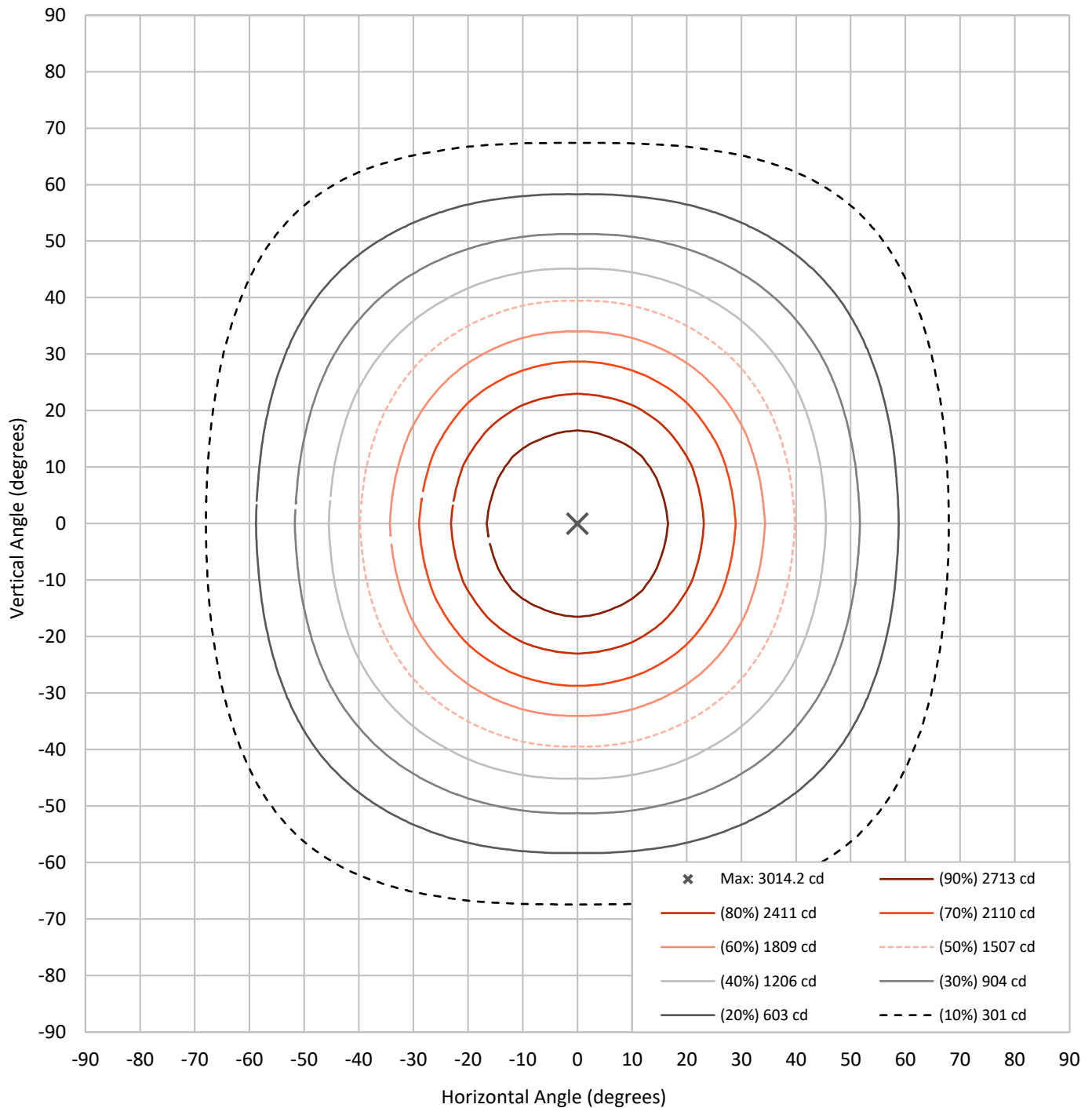
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	5447.9 lumens	Max Intensity:	3014.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	3195.2 lumens	Field Lumens:	5193.6 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	43.5		
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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Iso-Candela Plot





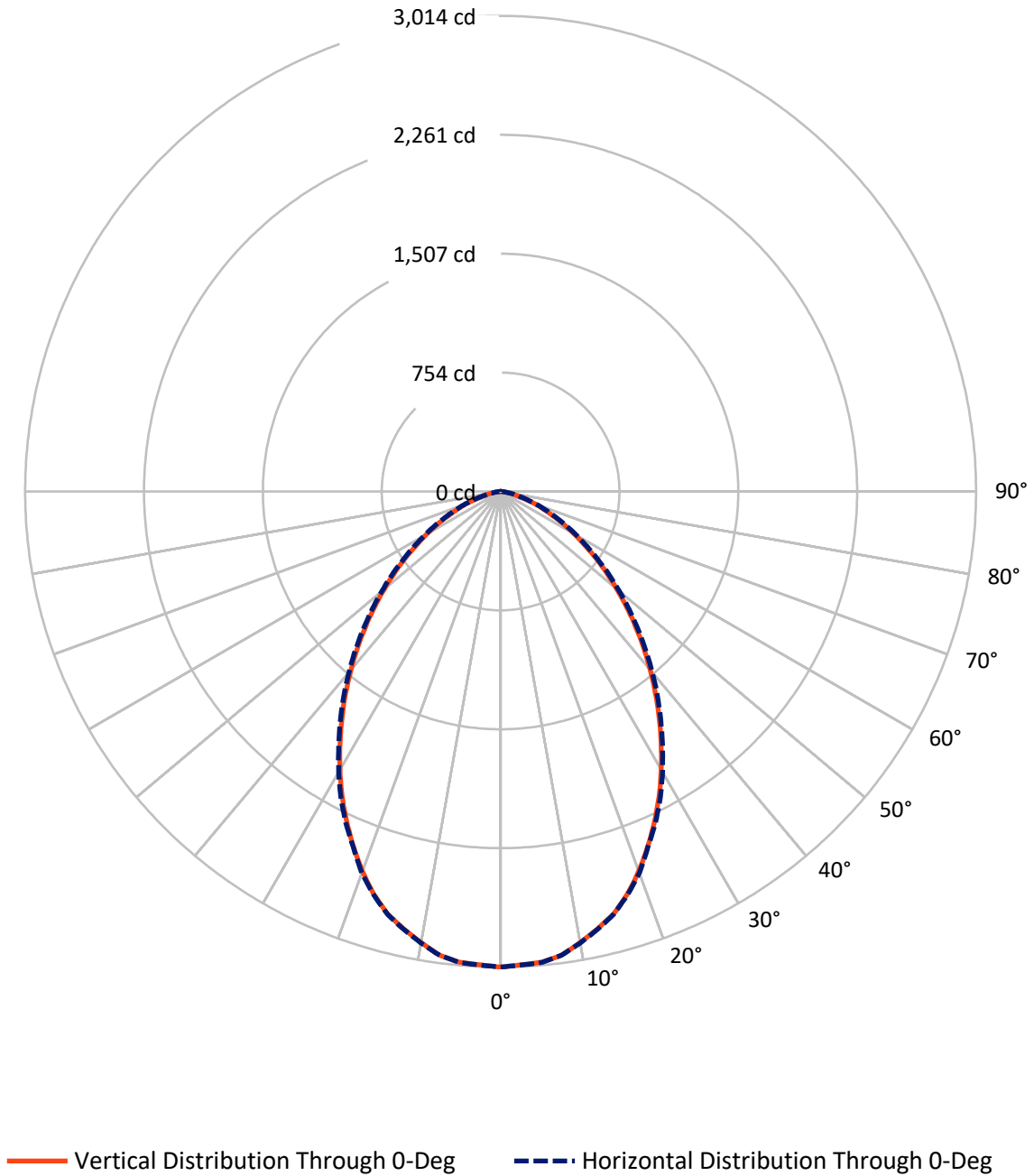
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Lumen Table

90																			
80	0.2	2.2	6.1	10.3	9.7	10.3	6.1	2.2	0.2										
70																			
60	1.0	1.4	2.8	4.8	7.0	9.1	10.6	11.4	11.4	10.6	9.1	7.0	4.8	2.8	1.4	1.0			
50		2.1	4.6	8.2	12.4	16.8	20.5	22.4	22.4	20.5	16.8	12.4	8.2	4.6	2.1				
40	1.8	2.8	6.6	12.2	19.4	26.9	33.1	36.6	36.6	33.1	26.9	19.4	12.2	6.6	2.8	1.8			
30		3.6	8.8	16.8	27.1	38.0	47.3	52.6	52.6	47.3	38.0	27.1	16.8	8.8	3.6				
20	2.3	4.3	10.8	21.2	34.5	49.0	61.7	68.9	68.9	61.7	49.0	34.5	21.2	10.8	4.3	2.3			
10		4.8	12.4	24.4	40.3	57.9	73.5	82.3	82.3	73.5	57.9	40.3	24.4	12.4	4.8				
0	2.5	5.1	13.2	26.3	43.5	62.9	79.9	89.2	89.2	79.9	62.9	43.5	26.3	13.2	5.1	2.5			
-10		5.1	13.2	26.3	43.5	62.9	79.9	89.2	89.2	79.9	62.9	43.5	26.3	13.2	5.1				
-20	2.3	4.8	12.4	24.4	40.3	57.9	73.5	82.3	82.3	73.5	57.9	40.3	24.4	12.4	4.8	2.3			
-30		4.3	10.8	21.2	34.5	49.0	61.7	68.9	68.9	61.7	49.0	34.5	21.2	10.8	4.3				
-40	1.8	3.6	8.8	16.8	27.1	38.0	47.3	52.6	52.6	47.3	38.0	27.1	16.8	8.8	3.6	1.8			
-50		2.8	6.6	12.2	19.4	26.9	33.1	36.6	36.6	33.1	26.9	19.4	12.2	6.6	2.8				
-60	1.0	2.1	4.6	8.2	12.4	16.8	20.5	22.4	22.4	20.5	16.8	12.4	8.2	4.6	2.1	1.0			
-70		1.4	2.8	4.8	7.0	9.1	10.6	11.4	11.4	10.6	9.1	7.0	4.8	2.8	1.4				
-80	0.2	2.2	6.1	10.3	9.7	10.3	6.1	2.2	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

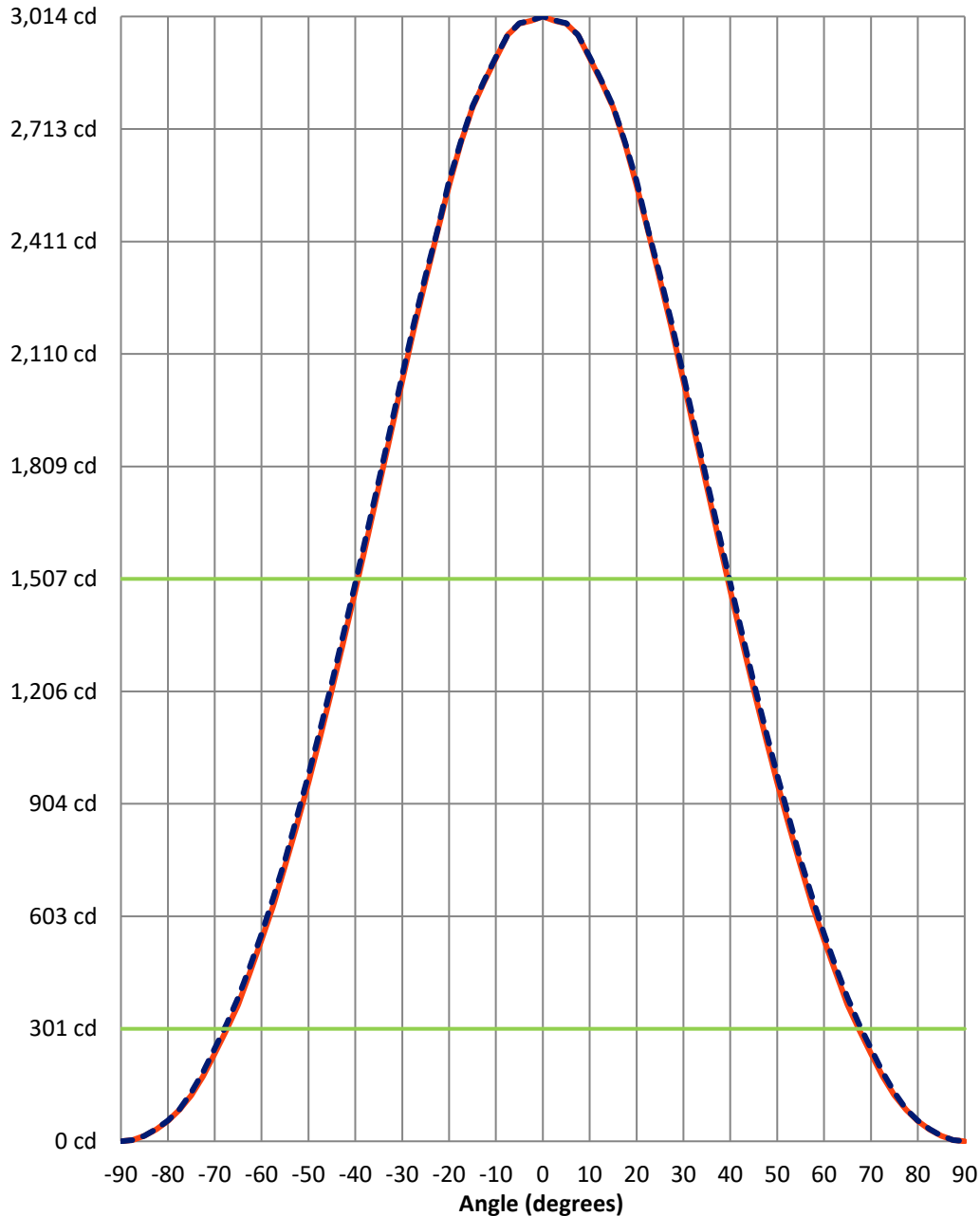
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 3195.2
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 5193.6
Efficiency: 95.3%

Spill:
Lumens: 254.3
Efficiency: 4.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.3	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.5	1.2	1.8	2.3	2.9	3.5	4.0	5.1	8.0	10.8
80°	0.0	0.7	1.6	2.3	3.1	3.9	5.2	9.4	13.3	17.1	20.7
77.5°	0.0	0.9	1.9	2.9	3.9	6.1	11.5	16.6	21.5	26.2	31.9
75°	0.0	1.0	2.3	3.5	5.1	10.5	17.5	23.9	29.9	38.3	47.2
72.5°	0.0	1.2	2.7	4.0	8.1	14.9	23.4	31.6	41.2	51.3	62.1
70°	0.0	1.3	3.0	4.9	11.0	19.1	29.3	40.9	52.2	64.1	78.2
67.5°	0.0	1.5	3.4	6.7	13.8	23.1	36.3	50.0	62.9	78.1	94.1
65°	0.0	1.6	3.7	8.4	16.5	27.5	43.0	58.9	74.5	91.6	109.1
62.5°	0.0	1.8	4.0	10.0	19.0	32.5	49.4	68.1	85.8	104.5	122.4
60°	0.0	1.9	4.3	11.6	21.4	37.1	55.4	77.3	96.6	116.5	135.6
57.5°	0.0	2.1	5.2	13.1	24.6	41.5	61.8	85.8	107.2	128.4	148.1
55°	0.0	2.2	6.1	14.4	27.6	45.5	67.8	93.2	117.7	139.8	160.1
52.5°	0.0	2.3	6.9	15.7	30.4	49.4	73.4	100.9	127.9	150.4	171.8
50°	0.0	2.5	7.7	16.8	33.0	53.5	78.4	108.2	137.7	160.7	185.2
47.5°	0.0	2.6	8.5	18.1	35.4	57.2	83.2	114.9	146.5	170.6	198.3
45°	0.0	2.7	9.2	19.6	37.5	60.6	88.5	121.2	153.4	181.8	210.8
42.5°	0.0	2.8	9.8	21.1	39.4	63.5	93.4	126.9	159.9	192.5	225.6
40°	0.0	2.9	10.5	22.5	41.3	66.2	97.8	132.4	166.7	202.5	240.0
37.5°	0.0	3.0	11.1	24.0	43.2	68.4	101.8	137.6	174.4	212.1	253.6
35°	0.0	3.0	11.6	25.3	44.8	71.0	105.3	142.4	181.8	223.1	267.2
32.5°	0.0	3.1	12.2	26.6	46.1	73.6	108.5	147.0	189.0	233.6	281.6
30°	0.0	3.2	12.6	27.7	47.2	75.8	111.9	151.5	196.0	243.7	295.1
27.5°	0.0	3.2	13.0	28.7	48.8	77.6	114.9	156.8	203.2	253.3	307.5
25°	0.0	3.3	13.4	29.6	50.3	79.1	117.5	161.7	210.7	263.1	319.1
22.5°	0.0	3.3	13.8	30.4	51.7	80.5	119.8	166.2	217.6	272.3	331.4
20°	0.0	3.4	14.0	31.1	52.8	82.5	121.7	170.2	223.9	280.5	342.4
17.5°	0.0	3.4	14.3	31.7	53.8	84.2	124.0	173.8	229.4	287.7	352.2
15°	0.0	3.4	14.5	32.2	54.6	85.4	126.5	177.2	234.3	293.9	360.5
12.5°	0.0	3.4	14.6	32.6	55.2	86.3	128.5	180.4	238.7	299.1	367.6
10°	0.0	3.4	14.7	32.8	55.6	86.9	130.0	182.9	242.5	303.9	373.5
7.5°	0.0	3.4	14.8	33.0	55.8	87.1	131.0	184.6	245.4	307.8	378.6
5°	0.0	3.4	14.8	33.0	55.8	87.0	131.6	185.6	247.4	310.6	382.3
2.5°	0.0	3.4	14.8	33.0	55.7	86.6	131.6	185.8	248.4	312.3	384.5
0°	0.0	3.4	14.7	32.8	55.4	85.9	131.1	185.3	248.5	312.9	385.2
-2.5°	0.0	3.4	14.8	33.0	55.7	86.6	131.6	185.8	248.4	312.3	384.5
-5°	0.0	3.4	14.8	33.0	55.8	87.0	131.6	185.6	247.4	310.6	382.3
-7.5°	0.0	3.4	14.8	33.0	55.8	87.1	131.0	184.6	245.4	307.8	378.6
-10°	0.0	3.4	14.7	32.8	55.6	86.9	130.0	182.9	242.5	303.9	373.5
-12.5°	0.0	3.4	14.6	32.6	55.2	86.3	128.5	180.4	238.7	299.1	367.6
-15°	0.0	3.4	14.5	32.2	54.6	85.4	126.5	177.2	234.3	293.9	360.5
-17.5°	0.0	3.4	14.3	31.7	53.8	84.2	124.0	173.8	229.4	287.7	352.2
-20°	0.0	3.4	14.0	31.1	52.8	82.5	121.7	170.2	223.9	280.5	342.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.3	13.8	30.4	51.7	80.5	119.8	166.2	217.6	272.3	331.4
-25°	0.0	3.3	13.4	29.6	50.3	79.1	117.5	161.7	210.7	263.1	319.1
-27.5°	0.0	3.2	13.0	28.7	48.8	77.6	114.9	156.8	203.2	253.3	307.5
-30°	0.0	3.2	12.6	27.7	47.2	75.8	111.9	151.5	196.0	243.7	295.1
-32.5°	0.0	3.1	12.2	26.6	46.1	73.6	108.5	147.0	189.0	233.6	281.6
-35°	0.0	3.0	11.6	25.3	44.8	71.0	105.3	142.4	181.8	223.1	267.2
-37.5°	0.0	3.0	11.1	24.0	43.2	68.4	101.8	137.6	174.4	212.1	253.6
-40°	0.0	2.9	10.5	22.5	41.3	66.2	97.8	132.4	166.7	202.5	240.0
-42.5°	0.0	2.8	9.8	21.1	39.4	63.5	93.4	126.9	159.9	192.5	225.6
-45°	0.0	2.7	9.2	19.6	37.5	60.6	88.5	121.2	153.4	181.8	210.8
-47.5°	0.0	2.6	8.5	18.1	35.4	57.2	83.2	114.9	146.5	170.6	198.3
-50°	0.0	2.5	7.7	16.8	33.0	53.5	78.4	108.2	137.7	160.7	185.2
-52.5°	0.0	2.3	6.9	15.7	30.4	49.4	73.4	100.9	127.9	150.4	171.8
-55°	0.0	2.2	6.1	14.4	27.6	45.5	67.8	93.2	117.7	139.8	160.1
-57.5°	0.0	2.1	5.2	13.1	24.6	41.5	61.8	85.8	107.2	128.4	148.1
-60°	0.0	1.9	4.3	11.6	21.4	37.1	55.4	77.3	96.6	116.5	135.6
-62.5°	0.0	1.8	4.0	10.0	19.0	32.5	49.4	68.1	85.8	104.5	122.4
-65°	0.0	1.6	3.7	8.4	16.5	27.5	43.0	58.9	74.5	91.6	109.1
-67.5°	0.0	1.5	3.4	6.7	13.8	23.1	36.3	50.0	62.9	78.1	94.1
-70°	0.0	1.3	3.0	4.9	11.0	19.1	29.3	40.9	52.2	64.1	78.2
-72.5°	0.0	1.2	2.7	4.0	8.1	14.9	23.4	31.6	41.2	51.3	62.1
-75°	0.0	1.0	2.3	3.5	5.1	10.5	17.5	23.9	29.9	38.3	47.2
-77.5°	0.0	0.9	1.9	2.9	3.9	6.1	11.5	16.6	21.5	26.2	31.9
-80°	0.0	0.7	1.6	2.3	3.1	3.9	5.2	9.4	13.3	17.1	20.7
-82.5°	0.0	0.5	1.2	1.8	2.3	2.9	3.5	4.0	5.1	8.0	10.8
-85°	0.0	0.3	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-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°	2.2	2.5	2.9	3.2	3.2	3.2	3.2	3.2	3.3	3.4	3.6
85°	4.4	5.0	7.0	8.9	9.8	10.4	10.7	10.6	12.4	14.4	16.5
82.5°	13.7	16.5	19.2	21.8	22.5	22.5	22.3	22.4	26.4	31.1	35.9
80°	24.4	28.0	32.8	37.0	38.9	39.8	40.3	40.2	45.4	52.2	59.4
77.5°	38.8	44.8	50.1	54.6	57.0	59.2	60.9	62.2	68.8	77.5	86.1
75°	55.1	61.8	68.4	74.2	78.2	81.2	83.9	88.4	97.0	107.2	116.0
72.5°	72.4	80.9	88.3	94.5	100.2	106.2	112.8	120.2	129.3	139.4	148.6
70°	90.8	100.2	107.9	115.4	123.1	132.1	142.1	152.0	162.2	173.4	184.1
67.5°	108.9	117.9	127.0	136.5	148.0	160.0	171.9	185.5	199.5	211.8	222.9
65°	124.5	135.1	146.4	159.3	173.5	188.8	204.7	221.0	238.7	253.6	267.1
62.5°	139.5	152.2	166.0	182.0	200.1	218.2	238.5	259.0	278.9	296.4	312.5
60°	153.3	168.6	186.1	205.7	226.9	251.0	274.0	297.3	319.1	338.9	359.4
57.5°	166.7	186.0	206.9	230.5	257.3	284.3	311.4	336.4	361.2	385.3	408.4
55°	180.9	204.1	229.0	258.0	288.2	320.1	349.3	377.2	404.5	433.8	461.7
52.5°	196.5	222.5	253.7	286.1	320.9	355.1	387.2	419.1	452.1	485.2	521.5
50°	211.5	244.0	278.2	315.8	353.4	390.2	426.9	463.6	503.1	543.8	584.9
47.5°	229.2	264.6	304.9	345.3	386.4	427.3	468.2	512.6	557.5	604.6	650.1
45°	247.0	286.8	330.2	375.9	420.4	465.6	513.5	562.5	615.2	667.0	721.7
42.5°	263.9	308.8	356.7	406.1	455.6	506.1	558.7	616.0	673.6	733.4	793.5
40°	282.6	329.8	382.6	437.0	490.7	546.7	606.9	669.0	734.0	799.8	865.0
37.5°	300.6	352.5	408.0	466.6	526.7	588.3	653.7	724.1	794.7	865.5	937.4
35°	317.4	374.0	434.2	496.3	560.1	630.1	703.2	778.4	854.9	931.4	1008.8
32.5°	334.8	394.3	459.1	525.6	595.9	671.0	751.1	832.6	914.0	995.7	1080.4
30°	352.1	415.6	483.3	553.3	630.3	712.1	798.1	884.4	970.6	1060.5	1150.8
27.5°	368.6	435.7	507.0	581.9	663.2	750.1	841.5	933.9	1026.8	1122.4	1218.7
25°	383.7	454.8	529.0	609.5	695.6	786.7	881.9	978.3	1080.2	1182.5	1283.0
22.5°	398.4	472.4	549.4	634.9	725.0	820.6	919.8	1021.6	1128.0	1238.0	1342.0
20°	412.6	489.1	569.3	657.9	751.3	851.2	954.2	1060.9	1172.5	1285.4	1397.2
17.5°	425.1	503.9	587.8	679.4	776.5	879.2	985.2	1095.4	1212.1	1329.0	1447.5
15°	436.1	516.8	603.8	698.2	798.7	904.6	1014.0	1127.3	1247.0	1368.7	1492.0
12.5°	445.3	527.8	617.3	714.2	817.5	926.4	1038.8	1156.1	1278.9	1404.1	1531.0
10°	452.9	536.7	628.2	727.3	832.9	944.4	1059.2	1179.8	1306.3	1434.2	1563.7
7.5°	459.3	544.2	636.9	737.3	844.8	958.5	1075.1	1198.3	1328.1	1457.7	1590.0
5°	464.0	550.2	644.8	745.7	855.1	969.5	1087.1	1211.4	1344.0	1474.4	1609.1
2.5°	466.8	554.1	650.2	751.2	863.2	977.8	1097.8	1223.1	1355.7	1487.7	1623.5
0°	467.7	555.8	653.0	753.5	867.7	981.8	1103.8	1229.2	1361.4	1495.8	1632.5
-2.5°	466.8	554.1	650.2	751.2	863.2	977.8	1097.8	1223.1	1355.7	1487.7	1623.5
-5°	464.0	550.2	644.8	745.7	855.1	969.5	1087.1	1211.4	1344.0	1474.4	1609.1
-7.5°	459.3	544.2	636.9	737.3	844.8	958.5	1075.1	1198.3	1328.1	1457.7	1590.0
-10°	452.9	536.7	628.2	727.3	832.9	944.4	1059.2	1179.8	1306.3	1434.2	1563.7
-12.5°	445.3	527.8	617.3	714.2	817.5	926.4	1038.8	1156.1	1278.9	1404.1	1531.0
-15°	436.1	516.8	603.8	698.2	798.7	904.6	1014.0	1127.3	1247.0	1368.7	1492.0
-17.5°	425.1	503.9	587.8	679.4	776.5	879.2	985.2	1095.4	1212.1	1329.0	1447.5
-20°	412.6	489.1	569.3	657.9	751.3	851.2	954.2	1060.9	1172.5	1285.4	1397.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	398.4	472.4	549.4	634.9	725.0	820.6	919.8	1021.6	1128.0	1238.0	1342.0
-25°	383.7	454.8	529.0	609.5	695.6	786.7	881.9	978.3	1080.2	1182.5	1283.0
-27.5°	368.6	435.7	507.0	581.9	663.2	750.1	841.5	933.9	1026.8	1122.4	1218.7
-30°	352.1	415.6	483.3	553.3	630.3	712.1	798.1	884.4	970.6	1060.5	1150.8
-32.5°	334.8	394.3	459.1	525.6	595.9	671.0	751.1	832.6	914.0	995.7	1080.4
-35°	317.4	374.0	434.2	496.3	560.1	630.1	703.2	778.4	854.9	931.4	1008.8
-37.5°	300.6	352.5	408.0	466.6	526.7	588.3	653.7	724.1	794.7	865.5	937.4
-40°	282.6	329.8	382.6	437.0	490.7	546.7	606.9	669.0	734.0	799.8	865.0
-42.5°	263.9	308.8	356.7	406.1	455.6	506.1	558.7	616.0	673.6	733.4	793.5
-45°	247.0	286.8	330.2	375.9	420.4	465.6	513.5	562.5	615.2	667.0	721.7
-47.5°	229.2	264.6	304.9	345.3	386.4	427.3	468.2	512.6	557.5	604.6	650.1
-50°	211.5	244.0	278.2	315.8	353.4	390.2	426.9	463.6	503.1	543.8	584.9
-52.5°	196.5	222.5	253.7	286.1	320.9	355.1	387.2	419.1	452.1	485.2	521.5
-55°	180.9	204.1	229.0	258.0	288.2	320.1	349.3	377.2	404.5	433.8	461.7
-57.5°	166.7	186.0	206.9	230.5	257.3	284.3	311.4	336.4	361.2	385.3	408.4
-60°	153.3	168.6	186.1	205.7	226.9	251.0	274.0	297.3	319.1	338.9	359.4
-62.5°	139.5	152.2	166.0	182.0	200.1	218.2	238.5	259.0	278.9	296.4	312.5
-65°	124.5	135.1	146.4	159.3	173.5	188.8	204.7	221.0	238.7	253.6	267.1
-67.5°	108.9	117.9	127.0	136.5	148.0	160.0	171.9	185.5	199.5	211.8	222.9
-70°	90.8	100.2	107.9	115.4	123.1	132.1	142.1	152.0	162.2	173.4	184.1
-72.5°	72.4	80.9	88.3	94.5	100.2	106.2	112.8	120.2	129.3	139.4	148.6
-75°	55.1	61.8	68.4	74.2	78.2	81.2	83.9	88.4	97.0	107.2	116.0
-77.5°	38.8	44.8	50.1	54.6	57.0	59.2	60.9	62.2	68.8	77.5	86.1
-80°	24.4	28.0	32.8	37.0	38.9	39.8	40.3	40.2	45.4	52.2	59.4
-82.5°	13.7	16.5	19.2	21.8	22.5	22.5	22.3	22.4	26.4	31.1	35.9
-85°	4.4	5.0	7.0	8.9	9.8	10.4	10.7	10.6	12.4	14.4	16.5
-87.5°	2.2	2.5	2.9	3.2	3.2	3.2	3.2	3.2	3.3	3.4	3.6
-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: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-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°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.1	3.9
85°	18.9	20.2	21.4	22.6	23.7	24.8	25.9	26.8	27.7	25.3	22.6
82.5°	40.7	44.0	47.1	50.2	53.3	54.1	54.3	54.2	53.8	49.6	44.9
80°	66.5	72.0	77.3	82.5	87.6	88.2	87.6	86.5	85.1	79.5	73.3
77.5°	94.6	101.6	107.7	113.3	118.4	119.4	119.2	119.0	118.6	112.9	106.1
75°	123.5	130.3	136.9	142.5	147.2	149.3	150.4	151.1	151.5	147.5	142.2
72.5°	157.0	164.1	169.9	175.3	179.9	183.2	185.6	187.4	188.6	187.4	185.2
70°	193.2	200.8	207.2	213.3	219.6	224.6	228.3	231.1	232.8	234.0	234.8
67.5°	234.1	244.3	253.2	260.8	268.3	275.4	281.2	286.0	289.6	292.7	295.1
65°	280.0	293.1	304.7	315.4	325.1	335.4	343.8	350.8	356.5	361.2	365.0
62.5°	328.5	344.5	359.4	373.8	387.9	401.8	412.5	422.2	430.9	438.3	444.3
60°	378.7	396.9	416.9	435.9	453.4	469.4	485.3	499.1	510.9	520.7	528.6
57.5°	432.8	456.3	479.6	503.3	525.6	546.6	566.1	583.4	598.0	610.0	620.0
55°	491.2	520.6	547.7	577.5	606.3	632.6	655.7	676.0	693.6	708.3	720.8
52.5°	555.4	591.2	626.3	660.2	693.0	723.4	751.1	774.7	795.8	813.8	828.2
50°	625.6	666.6	707.3	745.1	782.7	817.8	849.5	876.9	901.4	922.6	939.3
47.5°	699.1	745.7	791.2	834.4	876.0	915.0	949.4	980.6	1011.2	1036.0	1055.7
45°	775.4	827.7	877.8	927.2	973.0	1016.8	1059.1	1098.1	1129.4	1156.8	1179.9
42.5°	852.6	910.9	967.1	1021.0	1071.4	1121.9	1169.6	1212.1	1247.9	1279.1	1305.3
40°	930.8	994.6	1056.5	1115.3	1172.9	1228.1	1279.6	1324.5	1364.8	1401.8	1432.7
37.5°	1008.6	1078.8	1147.4	1213.3	1276.7	1336.4	1392.1	1442.9	1488.3	1530.5	1564.8
35°	1086.7	1163.8	1238.9	1311.4	1380.7	1446.6	1507.6	1565.3	1618.8	1661.6	1696.6
32.5°	1164.6	1247.5	1329.2	1409.0	1484.8	1555.9	1621.9	1685.7	1740.8	1787.8	1828.0
30°	1239.9	1329.7	1418.7	1505.2	1587.1	1664.1	1737.2	1804.7	1864.0	1915.3	1960.5
27.5°	1313.9	1410.3	1505.8	1598.2	1686.8	1770.4	1850.2	1923.4	1988.1	2043.9	2091.6
25°	1383.7	1487.4	1589.2	1687.2	1781.8	1874.0	1960.2	2040.1	2109.1	2170.5	2219.4
22.5°	1450.5	1561.1	1668.0	1771.1	1872.3	1971.7	2066.1	2149.4	2222.7	2286.7	2340.9
20°	1512.7	1631.2	1740.6	1849.6	1956.2	2062.4	2163.7	2251.6	2329.1	2397.3	2457.0
17.5°	1570.8	1692.4	1807.5	1923.6	2036.0	2147.3	2250.3	2344.6	2428.1	2500.5	2563.1
15°	1620.1	1742.8	1868.6	1992.5	2111.0	2223.7	2326.6	2425.1	2517.9	2596.2	2659.6
12.5°	1659.9	1787.6	1918.8	2050.3	2175.6	2288.3	2395.9	2495.8	2593.3	2681.3	2739.6
10°	1693.9	1825.3	1960.8	2094.9	2221.9	2341.1	2458.2	2563.8	2659.5	2738.4	2803.5
7.5°	1723.3	1858.6	1996.2	2130.6	2257.1	2380.3	2500.8	2613.0	2709.6	2783.9	2842.0
5°	1744.9	1883.5	2023.7	2159.4	2287.7	2411.2	2532.3	2643.1	2737.4	2813.0	2876.3
2.5°	1760.4	1900.3	2041.6	2177.4	2308.5	2432.3	2556.5	2668.5	2759.9	2829.1	2889.7
0°	1770.3	1910.4	2052.8	2191.7	2320.5	2440.3	2573.6	2678.7	2773.6	2842.5	2905.7
-2.5°	1760.4	1900.3	2041.6	2177.4	2308.5	2432.3	2556.5	2668.5	2759.9	2829.1	2889.7
-5°	1744.9	1883.5	2023.7	2159.4	2287.7	2411.2	2532.3	2643.1	2737.4	2813.0	2876.3
-7.5°	1723.3	1858.6	1996.2	2130.6	2257.1	2380.3	2500.8	2613.0	2709.6	2783.9	2842.0
-10°	1693.9	1825.3	1960.8	2094.9	2221.9	2341.1	2458.2	2563.8	2659.5	2738.4	2803.5
-12.5°	1659.9	1787.6	1918.8	2050.3	2175.6	2288.3	2395.9	2495.8	2593.3	2681.3	2739.6
-15°	1620.1	1742.8	1868.6	1992.5	2111.0	2223.7	2326.6	2425.1	2517.9	2596.2	2659.6
-17.5°	1570.8	1692.4	1807.5	1923.6	2036.0	2147.3	2250.3	2344.6	2428.1	2500.5	2563.1
-20°	1512.7	1631.2	1740.6	1849.6	1956.2	2062.4	2163.7	2251.6	2329.1	2397.3	2457.0



REPORT NUMBER: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1450.5	1561.1	1668.0	1771.1	1872.3	1971.7	2066.1	2149.4	2222.7	2286.7	2340.9
-25°	1383.7	1487.4	1589.2	1687.2	1781.8	1874.0	1960.2	2040.1	2109.1	2170.5	2219.4
-27.5°	1313.9	1410.3	1505.8	1598.2	1686.8	1770.4	1850.2	1923.4	1988.1	2043.9	2091.6
-30°	1239.9	1329.7	1418.7	1505.2	1587.1	1664.1	1737.2	1804.7	1864.0	1915.3	1960.5
-32.5°	1164.6	1247.5	1329.2	1409.0	1484.8	1555.9	1621.9	1685.7	1740.8	1787.8	1828.0
-35°	1086.7	1163.8	1238.9	1311.4	1380.7	1446.6	1507.6	1565.3	1618.8	1661.6	1696.6
-37.5°	1008.6	1078.8	1147.4	1213.3	1276.7	1336.4	1392.1	1442.9	1488.3	1530.5	1564.8
-40°	930.8	994.6	1056.5	1115.3	1172.9	1228.1	1279.6	1324.5	1364.8	1401.8	1432.7
-42.5°	852.6	910.9	967.1	1021.0	1071.4	1121.9	1169.6	1212.1	1247.9	1279.1	1305.3
-45°	775.4	827.7	877.8	927.2	973.0	1016.8	1059.1	1098.1	1129.4	1156.8	1179.9
-47.5°	699.1	745.7	791.2	834.4	876.0	915.0	949.4	980.6	1011.2	1036.0	1055.7
-50°	625.6	666.6	707.3	745.1	782.7	817.8	849.5	876.9	901.4	922.6	939.3
-52.5°	555.4	591.2	626.3	660.2	693.0	723.4	751.1	774.7	795.8	813.8	828.2
-55°	491.2	520.6	547.7	577.5	606.3	632.6	655.7	676.0	693.6	708.3	720.8
-57.5°	432.8	456.3	479.6	503.3	525.6	546.6	566.1	583.4	598.0	610.0	620.0
-60°	378.7	396.9	416.9	435.9	453.4	469.4	485.3	499.1	510.9	520.7	528.6
-62.5°	328.5	344.5	359.4	373.8	387.9	401.8	412.5	422.2	430.9	438.3	444.3
-65°	280.0	293.1	304.7	315.4	325.1	335.4	343.8	350.8	356.5	361.2	365.0
-67.5°	234.1	244.3	253.2	260.8	268.3	275.4	281.2	286.0	289.6	292.7	295.1
-70°	193.2	200.8	207.2	213.3	219.6	224.6	228.3	231.1	232.8	234.0	234.8
-72.5°	157.0	164.1	169.9	175.3	179.9	183.2	185.6	187.4	188.6	187.4	185.2
-75°	123.5	130.3	136.9	142.5	147.2	149.3	150.4	151.1	151.5	147.5	142.2
-77.5°	94.6	101.6	107.7	113.3	118.4	119.4	119.2	119.0	118.6	112.9	106.1
-80°	66.5	72.0	77.3	82.5	87.6	88.2	87.6	86.5	85.1	79.5	73.3
-82.5°	40.7	44.0	47.1	50.2	53.3	54.1	54.3	54.2	53.8	49.6	44.9
-85°	18.9	20.2	21.4	22.6	23.7	24.8	25.9	26.8	27.7	25.3	22.6
-87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.1	3.9
-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: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	3.4	3.4	3.4	3.4	3.4	3.6	3.9	4.1	4.3	4.3
85°	19.8	16.8	15.8	14.7	15.8	16.8	19.8	22.6	25.3	27.7	26.8
82.5°	40.0	34.9	33.3	31.6	33.3	34.9	40.0	44.9	49.6	53.8	54.2
80°	66.7	59.7	57.0	54.2	57.0	59.7	66.7	73.3	79.5	85.1	86.5
77.5°	98.9	91.3	88.0	84.7	88.0	91.3	98.9	106.1	112.9	118.6	119.0
75°	136.6	130.7	127.0	123.1	127.0	130.7	136.6	142.2	147.5	151.5	151.1
72.5°	182.7	179.8	177.2	174.0	177.2	179.8	182.7	185.2	187.4	188.6	187.4
70°	235.0	234.6	235.1	235.0	235.1	234.6	235.0	234.8	234.0	232.8	231.1
67.5°	296.4	296.5	297.7	298.3	297.7	296.5	296.4	295.1	292.7	289.6	286.0
65°	367.3	368.2	367.8	366.0	367.8	368.2	367.3	365.0	361.2	356.5	350.8
62.5°	448.5	450.9	452.2	451.9	452.2	450.9	448.5	444.3	438.3	430.9	422.2
60°	534.5	538.3	540.2	540.0	540.2	538.3	534.5	528.6	520.7	510.9	499.1
57.5°	627.5	632.4	633.6	631.5	633.6	632.4	627.5	620.0	610.0	598.0	583.4
55°	730.2	736.5	738.9	737.7	738.9	736.5	730.2	720.8	708.3	693.6	676.0
52.5°	838.7	845.5	847.9	846.2	847.9	845.5	838.7	828.2	813.8	795.8	774.7
50°	951.5	959.7	963.0	961.4	963.0	959.7	951.5	939.3	922.6	901.4	876.9
47.5°	1071.1	1082.0	1086.3	1083.4	1086.3	1082.0	1071.1	1055.7	1036.0	1011.2	980.6
45°	1197.1	1208.4	1212.8	1210.0	1212.8	1208.4	1197.1	1179.9	1156.8	1129.4	1098.1
42.5°	1325.3	1340.0	1346.2	1341.0	1346.2	1340.0	1325.3	1305.3	1279.1	1247.9	1212.1
40°	1455.7	1471.7	1479.0	1475.5	1479.0	1471.7	1455.7	1432.7	1401.8	1364.8	1324.5
37.5°	1589.5	1605.4	1613.2	1613.3	1613.2	1605.4	1589.5	1564.8	1530.5	1488.3	1442.9
35°	1723.7	1743.0	1753.9	1753.4	1753.9	1743.0	1723.7	1696.6	1661.6	1618.8	1565.3
32.5°	1859.9	1880.8	1891.9	1893.5	1891.9	1880.8	1859.9	1828.0	1787.8	1740.8	1685.7
30°	1995.8	2018.8	2031.7	2037.0	2031.7	2018.8	1995.8	1960.5	1915.3	1864.0	1804.7
27.5°	2127.6	2155.9	2175.4	2177.0	2175.4	2155.9	2127.6	2091.6	2043.9	1988.1	1923.4
25°	2255.3	2284.1	2304.1	2308.1	2304.1	2284.1	2255.3	2219.4	2170.5	2109.1	2040.1
22.5°	2381.2	2411.2	2429.7	2436.9	2429.7	2411.2	2381.2	2340.9	2286.7	2222.7	2149.4
20°	2501.3	2533.8	2553.4	2561.2	2553.4	2533.8	2501.3	2457.0	2397.3	2329.1	2251.6
17.5°	2610.0	2644.3	2668.5	2675.3	2668.5	2644.3	2610.0	2563.1	2500.5	2428.1	2344.6
15°	2705.6	2738.2	2761.1	2770.2	2761.1	2738.2	2705.6	2659.6	2596.2	2517.9	2425.1
12.5°	2783.4	2812.6	2830.6	2839.1	2830.6	2812.6	2783.4	2739.6	2681.3	2593.3	2495.8
10°	2844.3	2873.5	2890.6	2902.3	2890.6	2873.5	2844.3	2803.5	2738.4	2659.5	2563.8
7.5°	2897.0	2927.0	2948.0	2964.5	2948.0	2927.0	2897.0	2842.0	2783.9	2709.6	2613.0
5°	2926.2	2976.3	2983.8	2995.0	2983.8	2976.3	2926.2	2876.3	2813.0	2737.4	2643.1
2.5°	2948.4	2983.9	3005.2	3002.9	3005.2	2983.9	2948.4	2889.7	2829.1	2759.9	2668.5
0°	2964.5	2996.1	3004.0	3014.2	3004.0	2996.1	2964.5	2905.7	2842.5	2773.6	2678.7
-2.5°	2948.4	2983.9	3005.2	3002.9	3005.2	2983.9	2948.4	2889.7	2829.1	2759.9	2668.5
-5°	2926.2	2976.3	2983.8	2995.0	2983.8	2976.3	2926.2	2876.3	2813.0	2737.4	2643.1
-7.5°	2897.0	2927.0	2948.0	2964.5	2948.0	2927.0	2897.0	2842.0	2783.9	2709.6	2613.0
-10°	2844.3	2873.5	2890.6	2902.3	2890.6	2873.5	2844.3	2803.5	2738.4	2659.5	2563.8
-12.5°	2783.4	2812.6	2830.6	2839.1	2830.6	2812.6	2783.4	2739.6	2681.3	2593.3	2495.8
-15°	2705.6	2738.2	2761.1	2770.2	2761.1	2738.2	2705.6	2659.6	2596.2	2517.9	2425.1
-17.5°	2610.0	2644.3	2668.5	2675.3	2668.5	2644.3	2610.0	2563.1	2500.5	2428.1	2344.6
-20°	2501.3	2533.8	2553.4	2561.2	2553.4	2533.8	2501.3	2457.0	2397.3	2329.1	2251.6



REPORT NUMBER: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2381.2	2411.2	2429.7	2436.9	2429.7	2411.2	2381.2	2340.9	2286.7	2222.7	2149.4
-25°	2255.3	2284.1	2304.1	2308.1	2304.1	2284.1	2255.3	2219.4	2170.5	2109.1	2040.1
-27.5°	2127.6	2155.9	2175.4	2177.0	2175.4	2155.9	2127.6	2091.6	2043.9	1988.1	1923.4
-30°	1995.8	2018.8	2031.7	2037.0	2031.7	2018.8	1995.8	1960.5	1915.3	1864.0	1804.7
-32.5°	1859.9	1880.8	1891.9	1893.5	1891.9	1880.8	1859.9	1828.0	1787.8	1740.8	1685.7
-35°	1723.7	1743.0	1753.9	1753.4	1753.9	1743.0	1723.7	1696.6	1661.6	1618.8	1565.3
-37.5°	1589.5	1605.4	1613.2	1613.3	1613.2	1605.4	1589.5	1564.8	1530.5	1488.3	1442.9
-40°	1455.7	1471.7	1479.0	1475.5	1479.0	1471.7	1455.7	1432.7	1401.8	1364.8	1324.5
-42.5°	1325.3	1340.0	1346.2	1341.0	1346.2	1340.0	1325.3	1305.3	1279.1	1247.9	1212.1
-45°	1197.1	1208.4	1212.8	1210.0	1212.8	1208.4	1197.1	1179.9	1156.8	1129.4	1098.1
-47.5°	1071.1	1082.0	1086.3	1083.4	1086.3	1082.0	1071.1	1055.7	1036.0	1011.2	980.6
-50°	951.5	959.7	963.0	961.4	963.0	959.7	951.5	939.3	922.6	901.4	876.9
-52.5°	838.7	845.5	847.9	846.2	847.9	845.5	838.7	828.2	813.8	795.8	774.7
-55°	730.2	736.5	738.9	737.7	738.9	736.5	730.2	720.8	708.3	693.6	676.0
-57.5°	627.5	632.4	633.6	631.5	633.6	632.4	627.5	620.0	610.0	598.0	583.4
-60°	534.5	538.3	540.2	540.0	540.2	538.3	534.5	528.6	520.7	510.9	499.1
-62.5°	448.5	450.9	452.2	451.9	452.2	450.9	448.5	444.3	438.3	430.9	422.2
-65°	367.3	368.2	367.8	366.0	367.8	368.2	367.3	365.0	361.2	356.5	350.8
-67.5°	296.4	296.5	297.7	298.3	297.7	296.5	296.4	295.1	292.7	289.6	286.0
-70°	235.0	234.6	235.1	235.0	235.1	234.6	235.0	234.8	234.0	232.8	231.1
-72.5°	182.7	179.8	177.2	174.0	177.2	179.8	182.7	185.2	187.4	188.6	187.4
-75°	136.6	130.7	127.0	123.1	127.0	130.7	136.6	142.2	147.5	151.5	151.1
-77.5°	98.9	91.3	88.0	84.7	88.0	91.3	98.9	106.1	112.9	118.6	119.0
-80°	66.7	59.7	57.0	54.2	57.0	59.7	66.7	73.3	79.5	85.1	86.5
-82.5°	40.0	34.9	33.3	31.6	33.3	34.9	40.0	44.9	49.6	53.8	54.2
-85°	19.8	16.8	15.8	14.7	15.8	16.8	19.8	22.6	25.3	27.7	26.8
-87.5°	3.6	3.4	3.4	3.4	3.4	3.4	3.6	3.9	4.1	4.3	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
85°	25.9	24.8	23.7	22.6	21.4	20.2	18.9	16.5	14.4	12.4	10.6
82.5°	54.3	54.1	53.3	50.2	47.1	44.0	40.7	35.9	31.1	26.4	22.4
80°	87.6	88.2	87.6	82.5	77.3	72.0	66.5	59.4	52.2	45.4	40.2
77.5°	119.2	119.4	118.4	113.3	107.7	101.6	94.6	86.1	77.5	68.8	62.2
75°	150.4	149.3	147.2	142.5	136.9	130.3	123.5	116.0	107.2	97.0	88.4
72.5°	185.6	183.2	179.9	175.3	169.9	164.1	157.0	148.6	139.4	129.3	120.2
70°	228.3	224.6	219.6	213.3	207.2	200.8	193.2	184.1	173.4	162.2	152.0
67.5°	281.2	275.4	268.3	260.8	253.2	244.3	234.1	222.9	211.8	199.5	185.5
65°	343.8	335.4	325.1	315.4	304.7	293.1	280.0	267.1	253.6	238.7	221.0
62.5°	412.5	401.8	387.9	373.8	359.4	344.5	328.5	312.5	296.4	278.9	259.0
60°	485.3	469.4	453.4	435.9	416.9	396.9	378.7	359.4	338.9	319.1	297.3
57.5°	566.1	546.6	525.6	503.3	479.6	456.3	432.8	408.4	385.3	361.2	336.4
55°	655.7	632.6	606.3	577.5	547.7	520.6	491.2	461.7	433.8	404.5	377.2
52.5°	751.1	723.4	693.0	660.2	626.3	591.2	555.4	521.5	485.2	452.1	419.1
50°	849.5	817.8	782.7	745.1	707.3	666.6	625.6	584.9	543.8	503.1	463.6
47.5°	949.4	915.0	876.0	834.4	791.2	745.7	699.1	650.1	604.6	557.5	512.6
45°	1059.1	1016.8	973.0	927.2	877.8	827.7	775.4	721.7	667.0	615.2	562.5
42.5°	1169.6	1121.9	1071.4	1021.0	967.1	910.9	852.6	793.5	733.4	673.6	616.0
40°	1279.6	1228.1	1172.9	1115.3	1056.5	994.6	930.8	865.0	799.8	734.0	669.0
37.5°	1392.1	1336.4	1276.7	1213.3	1147.4	1078.8	1008.6	937.4	865.5	794.7	724.1
35°	1507.6	1446.6	1380.7	1311.4	1238.9	1163.8	1086.7	1008.8	931.4	854.9	778.4
32.5°	1621.9	1555.9	1484.8	1409.0	1329.2	1247.5	1164.6	1080.4	995.7	914.0	832.6
30°	1737.2	1664.1	1587.1	1505.2	1418.7	1329.7	1239.9	1150.8	1060.5	970.6	884.4
27.5°	1850.2	1770.4	1686.8	1598.2	1505.8	1410.3	1313.9	1218.7	1122.4	1026.8	933.9
25°	1960.2	1874.0	1781.8	1687.2	1589.2	1487.4	1383.7	1283.0	1182.5	1080.2	978.3
22.5°	2066.1	1971.7	1872.3	1771.1	1668.0	1561.1	1450.5	1342.0	1238.0	1128.0	1021.6
20°	2163.7	2062.4	1956.2	1849.6	1740.6	1631.2	1512.7	1397.2	1285.4	1172.5	1060.9
17.5°	2250.3	2147.3	2036.0	1923.6	1807.5	1692.4	1570.8	1447.5	1329.0	1212.1	1095.4
15°	2326.6	2223.7	2111.0	1992.5	1868.6	1742.8	1620.1	1492.0	1368.7	1247.0	1127.3
12.5°	2395.9	2288.3	2175.6	2050.3	1918.8	1787.6	1659.9	1531.0	1404.1	1278.9	1156.1
10°	2458.2	2341.1	2221.9	2094.9	1960.8	1825.3	1693.9	1563.7	1434.2	1306.3	1179.8
7.5°	2500.8	2380.3	2257.1	2130.6	1996.2	1858.6	1723.3	1590.0	1457.7	1328.1	1198.3
5°	2532.3	2411.2	2287.7	2159.4	2023.7	1883.5	1744.9	1609.1	1474.4	1344.0	1211.4
2.5°	2556.5	2432.3	2308.5	2177.4	2041.6	1900.3	1760.4	1623.5	1487.7	1355.7	1223.1
0°	2573.6	2440.3	2320.5	2191.7	2052.8	1910.4	1770.3	1632.5	1495.8	1361.4	1229.2
-2.5°	2556.5	2432.3	2308.5	2177.4	2041.6	1900.3	1760.4	1623.5	1487.7	1355.7	1223.1
-5°	2532.3	2411.2	2287.7	2159.4	2023.7	1883.5	1744.9	1609.1	1474.4	1344.0	1211.4
-7.5°	2500.8	2380.3	2257.1	2130.6	1996.2	1858.6	1723.3	1590.0	1457.7	1328.1	1198.3
-10°	2458.2	2341.1	2221.9	2094.9	1960.8	1825.3	1693.9	1563.7	1434.2	1306.3	1179.8
-12.5°	2395.9	2288.3	2175.6	2050.3	1918.8	1787.6	1659.9	1531.0	1404.1	1278.9	1156.1
-15°	2326.6	2223.7	2111.0	1992.5	1868.6	1742.8	1620.1	1492.0	1368.7	1247.0	1127.3
-17.5°	2250.3	2147.3	2036.0	1923.6	1807.5	1692.4	1570.8	1447.5	1329.0	1212.1	1095.4
-20°	2163.7	2062.4	1956.2	1849.6	1740.6	1631.2	1512.7	1397.2	1285.4	1172.5	1060.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2066.1	1971.7	1872.3	1771.1	1668.0	1561.1	1450.5	1342.0	1238.0	1128.0	1021.6
-25°	1960.2	1874.0	1781.8	1687.2	1589.2	1487.4	1383.7	1283.0	1182.5	1080.2	978.3
-27.5°	1850.2	1770.4	1686.8	1598.2	1505.8	1410.3	1313.9	1218.7	1122.4	1026.8	933.9
-30°	1737.2	1664.1	1587.1	1505.2	1418.7	1329.7	1239.9	1150.8	1060.5	970.6	884.4
-32.5°	1621.9	1555.9	1484.8	1409.0	1329.2	1247.5	1164.6	1080.4	995.7	914.0	832.6
-35°	1507.6	1446.6	1380.7	1311.4	1238.9	1163.8	1086.7	1008.8	931.4	854.9	778.4
-37.5°	1392.1	1336.4	1276.7	1213.3	1147.4	1078.8	1008.6	937.4	865.5	794.7	724.1
-40°	1279.6	1228.1	1172.9	1115.3	1056.5	994.6	930.8	865.0	799.8	734.0	669.0
-42.5°	1169.6	1121.9	1071.4	1021.0	967.1	910.9	852.6	793.5	733.4	673.6	616.0
-45°	1059.1	1016.8	973.0	927.2	877.8	827.7	775.4	721.7	667.0	615.2	562.5
-47.5°	949.4	915.0	876.0	834.4	791.2	745.7	699.1	650.1	604.6	557.5	512.6
-50°	849.5	817.8	782.7	745.1	707.3	666.6	625.6	584.9	543.8	503.1	463.6
-52.5°	751.1	723.4	693.0	660.2	626.3	591.2	555.4	521.5	485.2	452.1	419.1
-55°	655.7	632.6	606.3	577.5	547.7	520.6	491.2	461.7	433.8	404.5	377.2
-57.5°	566.1	546.6	525.6	503.3	479.6	456.3	432.8	408.4	385.3	361.2	336.4
-60°	485.3	469.4	453.4	435.9	416.9	396.9	378.7	359.4	338.9	319.1	297.3
-62.5°	412.5	401.8	387.9	373.8	359.4	344.5	328.5	312.5	296.4	278.9	259.0
-65°	343.8	335.4	325.1	315.4	304.7	293.1	280.0	267.1	253.6	238.7	221.0
-67.5°	281.2	275.4	268.3	260.8	253.2	244.3	234.1	222.9	211.8	199.5	185.5
-70°	228.3	224.6	219.6	213.3	207.2	200.8	193.2	184.1	173.4	162.2	152.0
-72.5°	185.6	183.2	179.9	175.3	169.9	164.1	157.0	148.6	139.4	129.3	120.2
-75°	150.4	149.3	147.2	142.5	136.9	130.3	123.5	116.0	107.2	97.0	88.4
-77.5°	119.2	119.4	118.4	113.3	107.7	101.6	94.6	86.1	77.5	68.8	62.2
-80°	87.6	88.2	87.6	82.5	77.3	72.0	66.5	59.4	52.2	45.4	40.2
-82.5°	54.3	54.1	53.3	50.2	47.1	44.0	40.7	35.9	31.1	26.4	22.4
-85°	25.9	24.8	23.7	22.6	21.4	20.2	18.9	16.5	14.4	12.4	10.6
-87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
-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: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-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°	3.2	3.2	3.2	3.2	2.9	2.5	2.2	1.9	1.7	1.5	1.4
85°	10.7	10.4	9.8	8.9	7.0	5.0	4.4	3.8	3.4	3.1	2.7
82.5°	22.3	22.5	22.5	21.8	19.2	16.5	13.7	10.8	8.0	5.1	4.0
80°	40.3	39.8	38.9	37.0	32.8	28.0	24.4	20.7	17.1	13.3	9.4
77.5°	60.9	59.2	57.0	54.6	50.1	44.8	38.8	31.9	26.2	21.5	16.6
75°	83.9	81.2	78.2	74.2	68.4	61.8	55.1	47.2	38.3	29.9	23.9
72.5°	112.8	106.2	100.2	94.5	88.3	80.9	72.4	62.1	51.3	41.2	31.6
70°	142.1	132.1	123.1	115.4	107.9	100.2	90.8	78.2	64.1	52.2	40.9
67.5°	171.9	160.0	148.0	136.5	127.0	117.9	108.9	94.1	78.1	62.9	50.0
65°	204.7	188.8	173.5	159.3	146.4	135.1	124.5	109.1	91.6	74.5	58.9
62.5°	238.5	218.2	200.1	182.0	166.0	152.2	139.5	122.4	104.5	85.8	68.1
60°	274.0	251.0	226.9	205.7	186.1	168.6	153.3	135.6	116.5	96.6	77.3
57.5°	311.4	284.3	257.3	230.5	206.9	186.0	166.7	148.1	128.4	107.2	85.8
55°	349.3	320.1	288.2	258.0	229.0	204.1	180.9	160.1	139.8	117.7	93.2
52.5°	387.2	355.1	320.9	286.1	253.7	222.5	196.5	171.8	150.4	127.9	100.9
50°	426.9	390.2	353.4	315.8	278.2	244.0	211.5	185.2	160.7	137.7	108.2
47.5°	468.2	427.3	386.4	345.3	304.9	264.6	229.2	198.3	170.6	146.5	114.9
45°	513.5	465.6	420.4	375.9	330.2	286.8	247.0	210.8	181.8	153.4	121.2
42.5°	558.7	506.1	455.6	406.1	356.7	308.8	263.9	225.6	192.5	159.9	126.9
40°	606.9	546.7	490.7	437.0	382.6	329.8	282.6	240.0	202.5	166.7	132.4
37.5°	653.7	588.3	526.7	466.6	408.0	352.5	300.6	253.6	212.1	174.4	137.6
35°	703.2	630.1	560.1	496.3	434.2	374.0	317.4	267.2	223.1	181.8	142.4
32.5°	751.1	671.0	595.9	525.6	459.1	394.3	334.8	281.6	233.6	189.0	147.0
30°	798.1	712.1	630.3	553.3	483.3	415.6	352.1	295.1	243.7	196.0	151.5
27.5°	841.5	750.1	663.2	581.9	507.0	435.7	368.6	307.5	253.3	203.2	156.8
25°	881.9	786.7	695.6	609.5	529.0	454.8	383.7	319.1	263.1	210.7	161.7
22.5°	919.8	820.6	725.0	634.9	549.4	472.4	398.4	331.4	272.3	217.6	166.2
20°	954.2	851.2	751.3	657.9	569.3	489.1	412.6	342.4	280.5	223.9	170.2
17.5°	985.2	879.2	776.5	679.4	587.8	503.9	425.1	352.2	287.7	229.4	173.8
15°	1014.0	904.6	798.7	698.2	603.8	516.8	436.1	360.5	293.9	234.3	177.2
12.5°	1038.8	926.4	817.5	714.2	617.3	527.8	445.3	367.6	299.1	238.7	180.4
10°	1059.2	944.4	832.9	727.3	628.2	536.7	452.9	373.5	303.9	242.5	182.9
7.5°	1075.1	958.5	844.8	737.3	636.9	544.2	459.3	378.6	307.8	245.4	184.6
5°	1087.1	969.5	855.1	745.7	644.8	550.2	464.0	382.3	310.6	247.4	185.6
2.5°	1097.8	977.8	863.2	751.2	650.2	554.1	466.8	384.5	312.3	248.4	185.8
0°	1103.8	981.8	867.7	753.5	653.0	555.8	467.7	385.2	312.9	248.5	185.3
-2.5°	1097.8	977.8	863.2	751.2	650.2	554.1	466.8	384.5	312.3	248.4	185.8
-5°	1087.1	969.5	855.1	745.7	644.8	550.2	464.0	382.3	310.6	247.4	185.6
-7.5°	1075.1	958.5	844.8	737.3	636.9	544.2	459.3	378.6	307.8	245.4	184.6
-10°	1059.2	944.4	832.9	727.3	628.2	536.7	452.9	373.5	303.9	242.5	182.9
-12.5°	1038.8	926.4	817.5	714.2	617.3	527.8	445.3	367.6	299.1	238.7	180.4
-15°	1014.0	904.6	798.7	698.2	603.8	516.8	436.1	360.5	293.9	234.3	177.2
-17.5°	985.2	879.2	776.5	679.4	587.8	503.9	425.1	352.2	287.7	229.4	173.8
-20°	954.2	851.2	751.3	657.9	569.3	489.1	412.6	342.4	280.5	223.9	170.2



REPORT NUMBER: P626671 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	919.8	820.6	725.0	634.9	549.4	472.4	398.4	331.4	272.3	217.6	166.2
-25°	881.9	786.7	695.6	609.5	529.0	454.8	383.7	319.1	263.1	210.7	161.7
-27.5°	841.5	750.1	663.2	581.9	507.0	435.7	368.6	307.5	253.3	203.2	156.8
-30°	798.1	712.1	630.3	553.3	483.3	415.6	352.1	295.1	243.7	196.0	151.5
-32.5°	751.1	671.0	595.9	525.6	459.1	394.3	334.8	281.6	233.6	189.0	147.0
-35°	703.2	630.1	560.1	496.3	434.2	374.0	317.4	267.2	223.1	181.8	142.4
-37.5°	653.7	588.3	526.7	466.6	408.0	352.5	300.6	253.6	212.1	174.4	137.6
-40°	606.9	546.7	490.7	437.0	382.6	329.8	282.6	240.0	202.5	166.7	132.4
-42.5°	558.7	506.1	455.6	406.1	356.7	308.8	263.9	225.6	192.5	159.9	126.9
-45°	513.5	465.6	420.4	375.9	330.2	286.8	247.0	210.8	181.8	153.4	121.2
-47.5°	468.2	427.3	386.4	345.3	304.9	264.6	229.2	198.3	170.6	146.5	114.9
-50°	426.9	390.2	353.4	315.8	278.2	244.0	211.5	185.2	160.7	137.7	108.2
-52.5°	387.2	355.1	320.9	286.1	253.7	222.5	196.5	171.8	150.4	127.9	100.9
-55°	349.3	320.1	288.2	258.0	229.0	204.1	180.9	160.1	139.8	117.7	93.2
-57.5°	311.4	284.3	257.3	230.5	206.9	186.0	166.7	148.1	128.4	107.2	85.8
-60°	274.0	251.0	226.9	205.7	186.1	168.6	153.3	135.6	116.5	96.6	77.3
-62.5°	238.5	218.2	200.1	182.0	166.0	152.2	139.5	122.4	104.5	85.8	68.1
-65°	204.7	188.8	173.5	159.3	146.4	135.1	124.5	109.1	91.6	74.5	58.9
-67.5°	171.9	160.0	148.0	136.5	127.0	117.9	108.9	94.1	78.1	62.9	50.0
-70°	142.1	132.1	123.1	115.4	107.9	100.2	90.8	78.2	64.1	52.2	40.9
-72.5°	112.8	106.2	100.2	94.5	88.3	80.9	72.4	62.1	51.3	41.2	31.6
-75°	83.9	81.2	78.2	74.2	68.4	61.8	55.1	47.2	38.3	29.9	23.9
-77.5°	60.9	59.2	57.0	54.6	50.1	44.8	38.8	31.9	26.2	21.5	16.6
-80°	40.3	39.8	38.9	37.0	32.8	28.0	24.4	20.7	17.1	13.3	9.4
-82.5°	22.3	22.5	22.5	21.8	19.2	16.5	13.7	10.8	8.0	5.1	4.0
-85°	10.7	10.4	9.8	8.9	7.0	5.0	4.4	3.8	3.4	3.1	2.7
-87.5°	3.2	3.2	3.2	3.2	2.9	2.5	2.2	1.9	1.7	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.3	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.5	0.0
80°	5.2	3.9	3.1	2.3	1.6	0.7	0.0
77.5°	11.5	6.1	3.9	2.9	1.9	0.9	0.0
75°	17.5	10.5	5.1	3.5	2.3	1.0	0.0
72.5°	23.4	14.9	8.1	4.0	2.7	1.2	0.0
70°	29.3	19.1	11.0	4.9	3.0	1.3	0.0
67.5°	36.3	23.1	13.8	6.7	3.4	1.5	0.0
65°	43.0	27.5	16.5	8.4	3.7	1.6	0.0
62.5°	49.4	32.5	19.0	10.0	4.0	1.8	0.0
60°	55.4	37.1	21.4	11.6	4.3	1.9	0.0
57.5°	61.8	41.5	24.6	13.1	5.2	2.1	0.0
55°	67.8	45.5	27.6	14.4	6.1	2.2	0.0
52.5°	73.4	49.4	30.4	15.7	6.9	2.3	0.0
50°	78.4	53.5	33.0	16.8	7.7	2.5	0.0
47.5°	83.2	57.2	35.4	18.1	8.5	2.6	0.0
45°	88.5	60.6	37.5	19.6	9.2	2.7	0.0
42.5°	93.4	63.5	39.4	21.1	9.8	2.8	0.0
40°	97.8	66.2	41.3	22.5	10.5	2.9	0.0
37.5°	101.8	68.4	43.2	24.0	11.1	3.0	0.0
35°	105.3	71.0	44.8	25.3	11.6	3.0	0.0
32.5°	108.5	73.6	46.1	26.6	12.2	3.1	0.0
30°	111.9	75.8	47.2	27.7	12.6	3.2	0.0
27.5°	114.9	77.6	48.8	28.7	13.0	3.2	0.0
25°	117.5	79.1	50.3	29.6	13.4	3.3	0.0
22.5°	119.8	80.5	51.7	30.4	13.8	3.3	0.0
20°	121.7	82.5	52.8	31.1	14.0	3.4	0.0
17.5°	124.0	84.2	53.8	31.7	14.3	3.4	0.0
15°	126.5	85.4	54.6	32.2	14.5	3.4	0.0
12.5°	128.5	86.3	55.2	32.6	14.6	3.4	0.0
10°	130.0	86.9	55.6	32.8	14.7	3.4	0.0
7.5°	131.0	87.1	55.8	33.0	14.8	3.4	0.0
5°	131.6	87.0	55.8	33.0	14.8	3.4	0.0
2.5°	131.6	86.6	55.7	33.0	14.8	3.4	0.0
0°	131.1	85.9	55.4	32.8	14.7	3.4	0.0
-2.5°	131.6	86.6	55.7	33.0	14.8	3.4	0.0
-5°	131.6	87.0	55.8	33.0	14.8	3.4	0.0
-7.5°	131.0	87.1	55.8	33.0	14.8	3.4	0.0
-10°	130.0	86.9	55.6	32.8	14.7	3.4	0.0
-12.5°	128.5	86.3	55.2	32.6	14.6	3.4	0.0
-15°	126.5	85.4	54.6	32.2	14.5	3.4	0.0
-17.5°	124.0	84.2	53.8	31.7	14.3	3.4	0.0
-20°	121.7	82.5	52.8	31.1	14.0	3.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	119.8	80.5	51.7	30.4	13.8	3.3	0.0
-25°	117.5	79.1	50.3	29.6	13.4	3.3	0.0
-27.5°	114.9	77.6	48.8	28.7	13.0	3.2	0.0
-30°	111.9	75.8	47.2	27.7	12.6	3.2	0.0
-32.5°	108.5	73.6	46.1	26.6	12.2	3.1	0.0
-35°	105.3	71.0	44.8	25.3	11.6	3.0	0.0
-37.5°	101.8	68.4	43.2	24.0	11.1	3.0	0.0
-40°	97.8	66.2	41.3	22.5	10.5	2.9	0.0
-42.5°	93.4	63.5	39.4	21.1	9.8	2.8	0.0
-45°	88.5	60.6	37.5	19.6	9.2	2.7	0.0
-47.5°	83.2	57.2	35.4	18.1	8.5	2.6	0.0
-50°	78.4	53.5	33.0	16.8	7.7	2.5	0.0
-52.5°	73.4	49.4	30.4	15.7	6.9	2.3	0.0
-55°	67.8	45.5	27.6	14.4	6.1	2.2	0.0
-57.5°	61.8	41.5	24.6	13.1	5.2	2.1	0.0
-60°	55.4	37.1	21.4	11.6	4.3	1.9	0.0
-62.5°	49.4	32.5	19.0	10.0	4.0	1.8	0.0
-65°	43.0	27.5	16.5	8.4	3.7	1.6	0.0
-67.5°	36.3	23.1	13.8	6.7	3.4	1.5	0.0
-70°	29.3	19.1	11.0	4.9	3.0	1.3	0.0
-72.5°	23.4	14.9	8.1	4.0	2.7	1.2	0.0
-75°	17.5	10.5	5.1	3.5	2.3	1.0	0.0
-77.5°	11.5	6.1	3.9	2.9	1.9	0.9	0.0
-80°	5.2	3.9	3.1	2.3	1.6	0.7	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.5	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.3	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)