

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: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-735-U-LAM-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

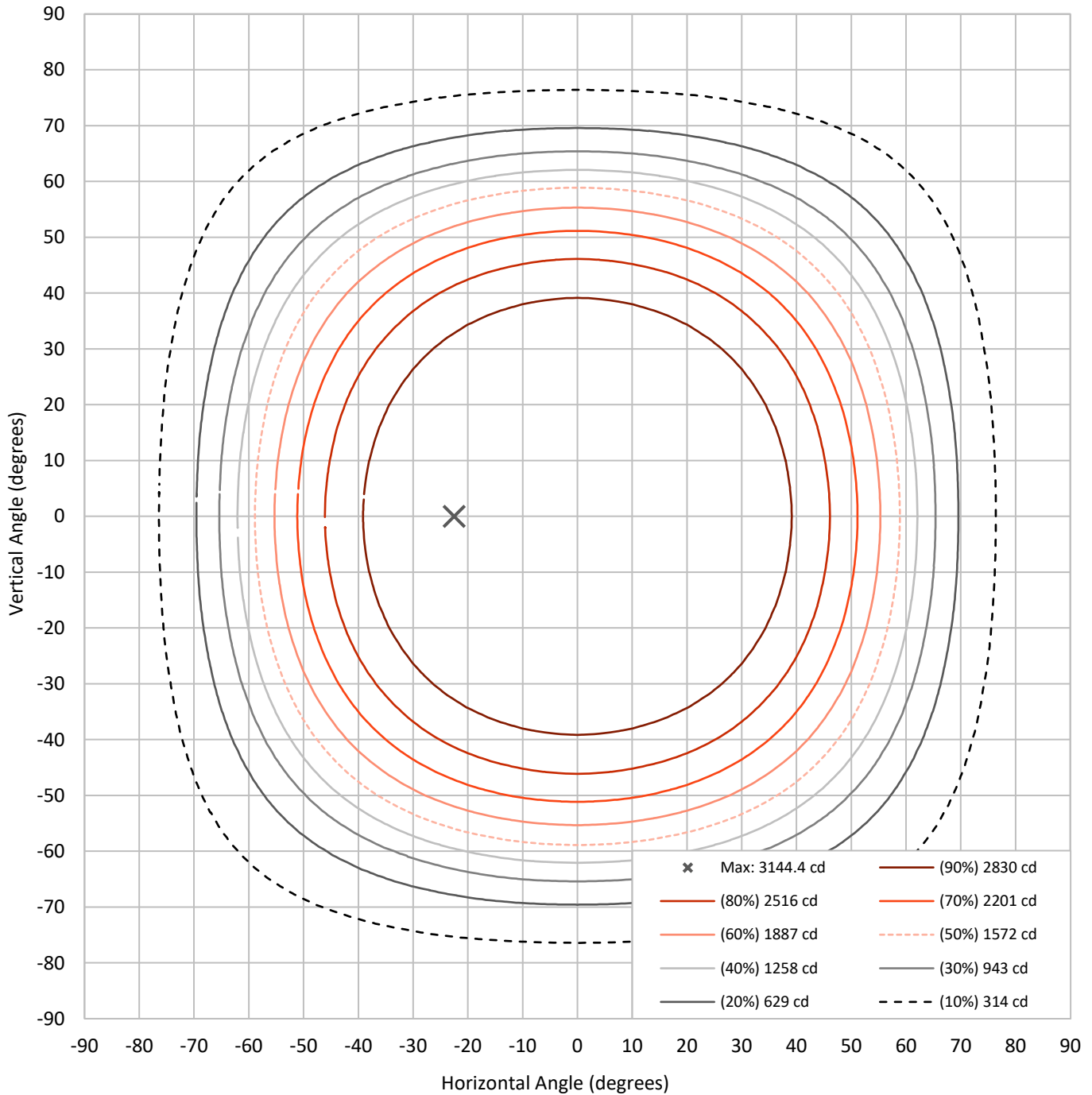
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	9619 lumens	Max Intensity:	3144.4 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	151.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	8005.1 lumens	Field Lumens:	9429.9 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	63.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





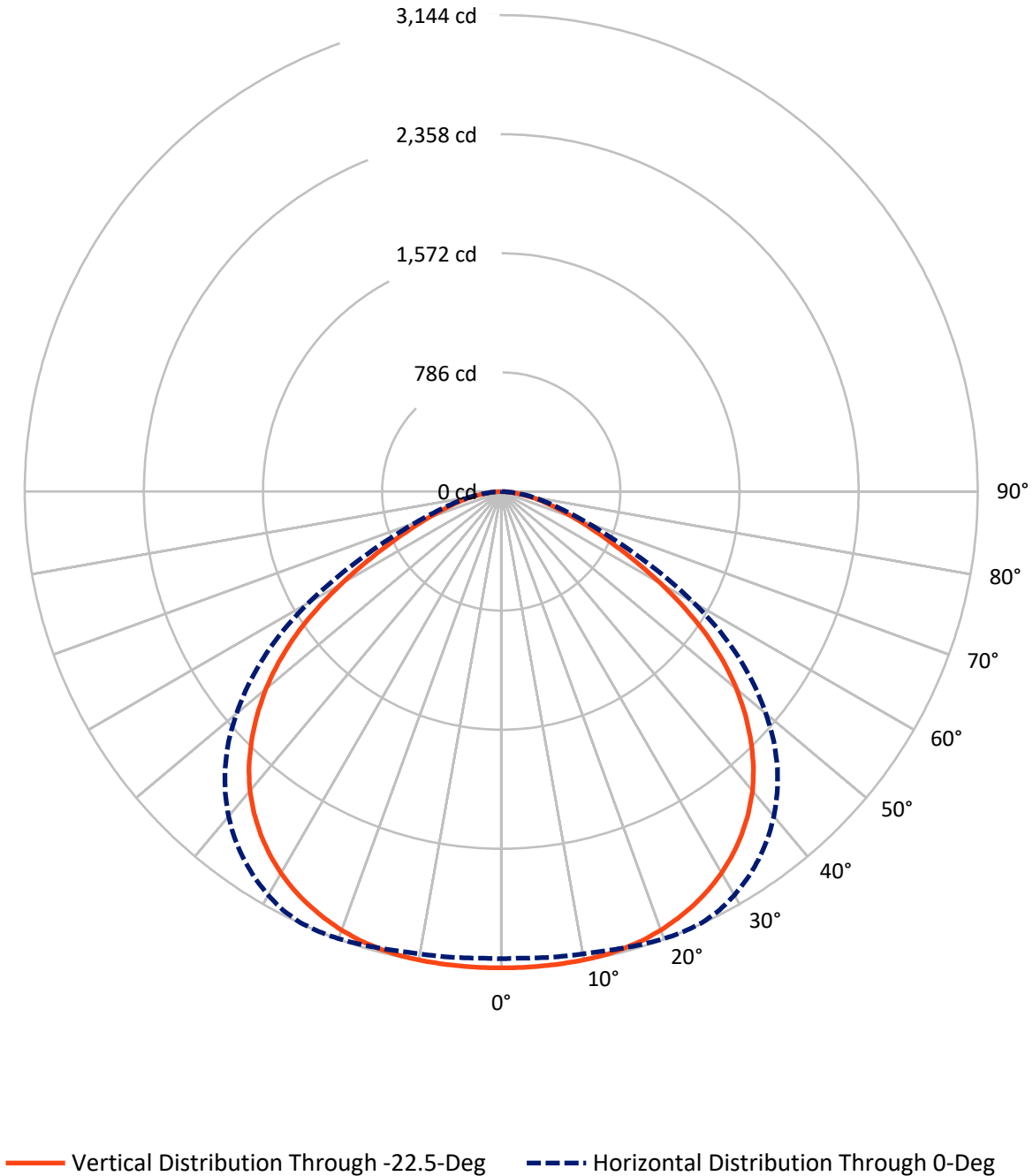
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Lumen Table

90																			
80	0.5	5.0	14.1	23.5	27.5	23.5	14.1	5.0	0.5										
70																			
60	2.4	2.8	5.8	10.2	15.8	21.8	27.0	29.8	29.8	27.0	21.8	15.8	10.2	5.8	2.8				2.4
50		4.3	10.0	19.3	31.6	43.5	52.4	57.1	57.1	52.4	43.5	31.6	19.3	10.0	4.3				
40	4.5	6.2	15.8	31.4	48.2	62.2	72.1	77.2	77.2	72.1	62.2	48.2	31.4	15.8	6.2				4.5
30		8.3	22.3	41.7	59.9	74.5	84.3	89.1	89.1	84.3	74.5	59.9	41.7	22.3	8.3				
20	6.2	10.4	27.8	48.7	67.4	81.5	90.6	94.6	94.6	90.6	81.5	67.4	48.7	27.8	10.4				6.2
10		12.1	31.4	52.9	71.5	85.0	92.2	94.7	94.7	92.2	85.0	71.5	52.9	31.4	12.1				
0	6.8	13.0	33.1	54.9	73.4	86.1	91.8	93.8	93.8	91.8	86.1	73.4	54.9	33.1	13.0				6.8
-10		13.0	33.1	54.9	73.4	86.1	91.8	93.8	93.8	91.8	86.1	73.4	54.9	33.1	13.0				
-20	6.2	12.1	31.4	52.9	71.5	85.0	92.2	94.7	94.7	92.2	85.0	71.5	52.9	31.4	12.1				6.2
-30		10.4	27.8	48.7	67.4	81.5	90.6	94.6	94.6	90.6	81.5	67.4	48.7	27.8	10.4				
-40	4.5	8.3	22.3	41.7	59.9	74.5	84.3	89.1	89.1	84.3	74.5	59.9	41.7	22.3	8.3				4.5
-50		6.2	15.8	31.4	48.2	62.2	72.1	77.2	77.2	72.1	62.2	48.2	31.4	15.8	6.2				
-60	2.4	4.3	10.0	19.3	31.6	43.5	52.4	57.1	57.1	52.4	43.5	31.6	19.3	10.0	4.3				2.4
-70		2.8	5.8	10.2	15.8	21.8	27.0	29.8	29.8	27.0	21.8	15.8	10.2	5.8	2.8				
-80	0.5	5.0	14.1	23.5	27.5	23.5	14.1	5.0	0.5										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

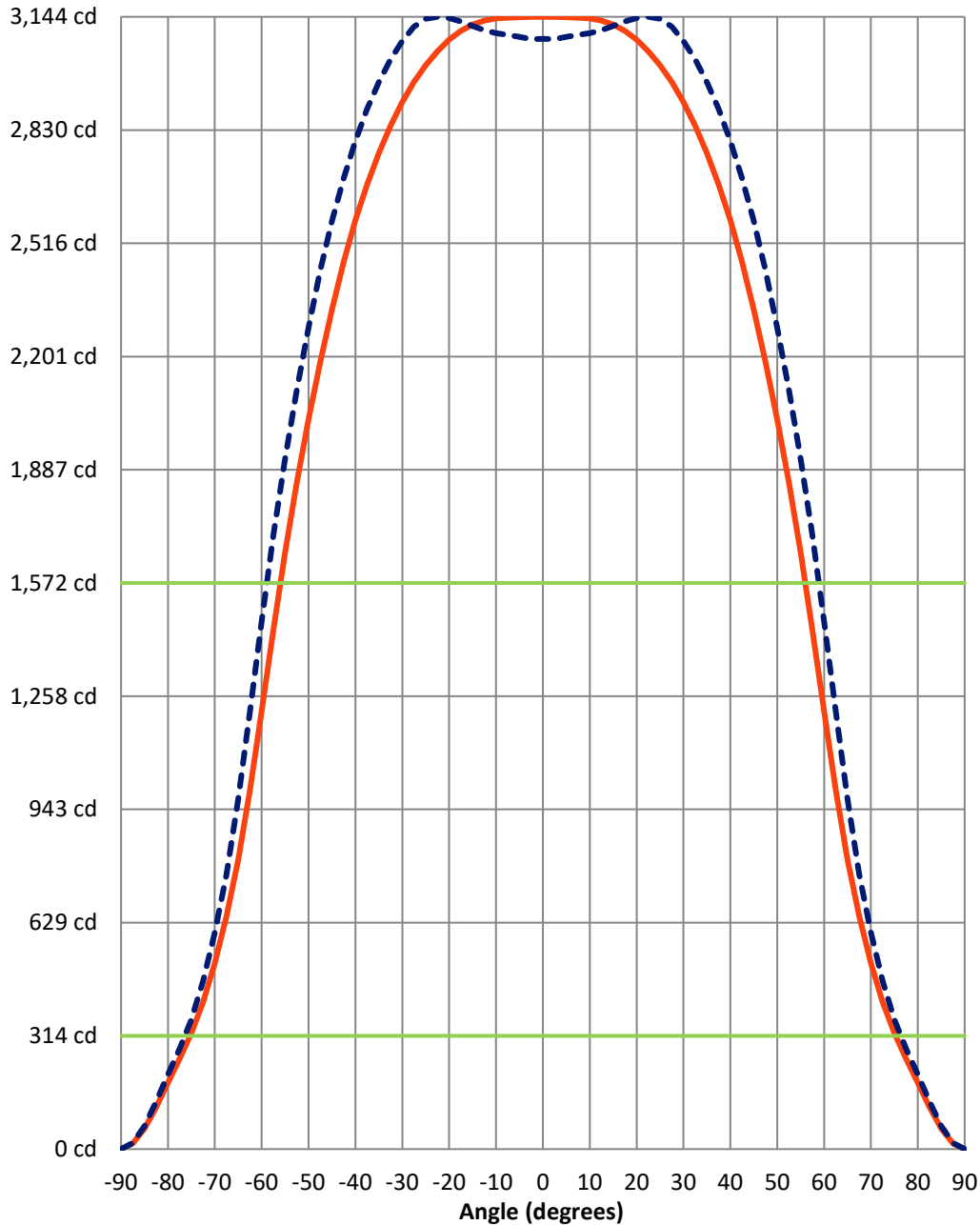
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 8005.1
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 9429.9
 Efficiency: 98.0%

Spill:
 Lumens: 189.2
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.8	1.5	2.2	3.0	3.7	4.5	5.2	5.9	6.6	7.3
85°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.3	11.8	13.2	14.5
82.5°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	15.5	18.3	24.0	29.6
80°	0.0	3.0	6.0	8.9	11.9	14.8	18.6	26.4	34.1	41.7	49.2
77.5°	0.0	3.7	7.4	11.1	14.8	20.7	30.5	40.3	49.9	59.3	70.8
75°	0.0	4.5	8.9	13.3	18.6	30.5	42.3	54.0	66.1	82.6	98.9
72.5°	0.0	5.2	10.3	15.5	26.4	40.3	54.0	69.1	88.6	107.8	126.7
70°	0.0	5.9	11.8	18.3	34.1	49.9	66.1	88.6	110.8	132.7	156.4
67.5°	0.0	6.6	13.2	24.0	41.7	59.3	82.6	107.8	132.7	159.7	186.3
65°	0.0	7.3	14.5	29.6	49.2	70.8	98.9	126.7	156.4	186.3	215.4
62.5°	0.0	7.9	15.9	35.1	56.5	84.0	114.8	146.5	179.7	212.2	243.0
60°	0.0	8.6	17.2	40.4	63.6	97.0	130.3	166.5	202.5	236.6	270.1
57.5°	0.0	9.2	20.6	45.7	73.6	109.7	146.9	186.0	224.0	260.5	299.0
55°	0.0	9.9	24.0	50.8	83.5	122.1	163.2	205.1	244.7	284.5	328.3
52.5°	0.0	10.5	27.3	55.7	93.1	134.2	179.1	222.8	264.9	310.3	356.9
50°	0.0	11.1	30.5	60.5	102.4	147.0	194.4	239.9	285.2	335.2	392.4
47.5°	0.0	11.6	33.6	65.6	111.3	159.3	209.1	256.4	306.6	359.4	427.7
45°	0.0	12.2	36.5	72.1	119.9	171.2	222.7	272.3	327.3	389.7	461.7
42.5°	0.0	12.7	39.4	78.2	128.2	182.6	235.8	288.7	347.1	419.1	501.8
40°	0.0	13.2	42.1	84.1	136.4	193.4	248.2	305.3	368.0	447.2	541.5
37.5°	0.0	13.6	44.6	89.7	144.7	203.7	260.1	321.0	391.6	475.9	579.3
35°	0.0	14.1	47.0	95.0	152.4	213.2	271.3	335.9	414.1	508.0	617.9
32.5°	0.0	14.5	49.3	100.0	159.7	221.9	282.2	349.9	435.2	538.2	658.4
30°	0.0	14.9	51.4	104.6	166.6	230.1	293.4	363.9	455.0	566.6	696.4
27.5°	0.0	15.3	53.4	108.9	172.9	237.7	303.8	379.9	475.2	592.9	731.8
25°	0.0	15.6	55.2	112.9	178.7	244.7	313.3	394.7	496.6	620.4	764.9
22.5°	0.0	15.9	56.9	116.5	184.1	251.1	322.0	408.1	516.2	647.0	803.4
20°	0.0	16.2	58.3	119.7	188.8	256.8	329.9	420.2	533.8	671.0	838.3
17.5°	0.0	16.4	59.7	122.6	193.1	261.9	336.9	430.9	549.5	692.3	869.3
15°	0.0	16.6	60.8	125.1	196.8	266.3	342.9	440.3	563.1	710.9	896.3
12.5°	0.0	16.8	61.8	127.2	199.9	270.1	348.1	448.3	574.8	726.8	919.4
10°	0.0	16.9	62.6	129.0	202.5	273.2	352.3	454.8	584.3	739.8	938.3
7.5°	0.0	17.1	63.2	130.3	204.5	275.6	355.6	459.9	591.8	750.0	953.1
5°	0.0	17.1	63.6	131.3	205.9	277.3	358.0	463.6	597.1	757.3	963.7
2.5°	0.0	17.2	63.9	131.9	206.8	278.4	359.4	465.8	600.3	761.6	970.1
0°	0.0	17.2	64.0	132.1	207.1	278.7	359.9	466.5	601.4	763.1	972.2
-2.5°	0.0	17.2	63.9	131.9	206.8	278.4	359.4	465.8	600.3	761.6	970.1
-5°	0.0	17.1	63.6	131.3	205.9	277.3	358.0	463.6	597.1	757.3	963.7
-7.5°	0.0	17.1	63.2	130.3	204.5	275.6	355.6	459.9	591.8	750.0	953.1
-10°	0.0	16.9	62.6	129.0	202.5	273.2	352.3	454.8	584.3	739.8	938.3
-12.5°	0.0	16.8	61.8	127.2	199.9	270.1	348.1	448.3	574.8	726.8	919.4
-15°	0.0	16.6	60.8	125.1	196.8	266.3	342.9	440.3	563.1	710.9	896.3
-17.5°	0.0	16.4	59.7	122.6	193.1	261.9	336.9	430.9	549.5	692.3	869.3
-20°	0.0	16.2	58.3	119.7	188.8	256.8	329.9	420.2	533.8	671.0	838.3

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REPORT NUMBER: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	15.9	56.9	116.5	184.1	251.1	322.0	408.1	516.2	647.0	803.4
-25°	0.0	15.6	55.2	112.9	178.7	244.7	313.3	394.7	496.6	620.4	764.9
-27.5°	0.0	15.3	53.4	108.9	172.9	237.7	303.8	379.9	475.2	592.9	731.8
-30°	0.0	14.9	51.4	104.6	166.6	230.1	293.4	363.9	455.0	566.6	696.4
-32.5°	0.0	14.5	49.3	100.0	159.7	221.9	282.2	349.9	435.2	538.2	658.4
-35°	0.0	14.1	47.0	95.0	152.4	213.2	271.3	335.9	414.1	508.0	617.9
-37.5°	0.0	13.6	44.6	89.7	144.7	203.7	260.1	321.0	391.6	475.9	579.3
-40°	0.0	13.2	42.1	84.1	136.4	193.4	248.2	305.3	368.0	447.2	541.5
-42.5°	0.0	12.7	39.4	78.2	128.2	182.6	235.8	288.7	347.1	419.1	501.8
-45°	0.0	12.2	36.5	72.1	119.9	171.2	222.7	272.3	327.3	389.7	461.7
-47.5°	0.0	11.6	33.6	65.6	111.3	159.3	209.1	256.4	306.6	359.4	427.7
-50°	0.0	11.1	30.5	60.5	102.4	147.0	194.4	239.9	285.2	335.2	392.4
-52.5°	0.0	10.5	27.3	55.7	93.1	134.2	179.1	222.8	264.9	310.3	356.9
-55°	0.0	9.9	24.0	50.8	83.5	122.1	163.2	205.1	244.7	284.5	328.3
-57.5°	0.0	9.2	20.6	45.7	73.6	109.7	146.9	186.0	224.0	260.5	299.0
-60°	0.0	8.6	17.2	40.4	63.6	97.0	130.3	166.5	202.5	236.6	270.1
-62.5°	0.0	7.9	15.9	35.1	56.5	84.0	114.8	146.5	179.7	212.2	243.0
-65°	0.0	7.3	14.5	29.6	49.2	70.8	98.9	126.7	156.4	186.3	215.4
-67.5°	0.0	6.6	13.2	24.0	41.7	59.3	82.6	107.8	132.7	159.7	186.3
-70°	0.0	5.9	11.8	18.3	34.1	49.9	66.1	88.6	110.8	132.7	156.4
-72.5°	0.0	5.2	10.3	15.5	26.4	40.3	54.0	69.1	88.6	107.8	126.7
-75°	0.0	4.5	8.9	13.3	18.6	30.5	42.3	54.0	66.1	82.6	98.9
-77.5°	0.0	3.7	7.4	11.1	14.8	20.7	30.5	40.3	49.9	59.3	70.8
-80°	0.0	3.0	6.0	8.9	11.9	14.8	18.6	26.4	34.1	41.7	49.2
-82.5°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	15.5	18.3	24.0	29.6
-85°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.3	11.8	13.2	14.5
-87.5°	0.0	0.8	1.5	2.2	3.0	3.7	4.5	5.2	5.9	6.6	7.3
-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°	7.9	8.6	9.2	9.9	10.5	11.1	11.6	12.2	12.7	13.2	13.6
85°	15.9	17.2	20.6	24.0	27.3	30.5	33.6	36.5	39.4	42.1	44.6
82.5°	35.1	40.4	45.7	50.8	55.7	60.5	65.6	72.1	78.2	84.1	89.7
80°	56.5	63.6	73.6	83.5	93.1	102.4	111.3	119.9	128.2	136.4	144.7
77.5°	84.0	97.0	109.7	122.1	134.2	147.0	159.3	171.2	182.6	193.4	203.7
75°	114.8	130.3	146.9	163.2	179.1	194.4	209.1	222.7	235.8	248.2	260.1
72.5°	146.5	166.5	186.0	205.1	222.8	239.9	256.4	272.3	288.7	305.3	321.0
70°	179.7	202.5	224.0	244.7	264.9	285.2	306.6	327.3	347.1	368.0	391.6
67.5°	212.2	236.6	260.5	284.5	310.3	335.2	359.4	389.7	419.1	447.2	475.9
65°	243.0	270.1	299.0	328.3	356.9	392.4	427.7	461.7	501.8	541.5	579.3
62.5°	273.3	306.3	339.3	375.2	416.4	456.5	503.0	550.5	596.2	647.6	697.7
60°	306.3	342.9	384.8	430.9	478.4	533.8	587.5	647.0	706.9	764.9	835.9
57.5°	339.3	384.8	435.8	490.8	552.4	614.6	684.5	752.1	833.1	914.1	994.6
55°	375.2	430.9	490.8	558.6	629.6	707.1	788.1	882.5	973.8	1075.6	1173.1
52.5°	416.4	478.4	552.4	629.6	714.7	807.9	912.4	1020.5	1134.3	1244.8	1353.3
50°	456.5	533.8	614.6	707.1	807.9	922.4	1043.9	1169.8	1294.1	1415.4	1528.9
47.5°	503.0	587.5	684.5	788.1	912.4	1043.9	1181.7	1318.9	1453.0	1577.3	1696.4
45°	550.5	647.0	752.1	882.5	1020.5	1169.8	1318.9	1465.6	1601.7	1730.2	1842.6
42.5°	596.2	706.9	833.1	973.8	1134.3	1294.1	1453.0	1601.7	1741.2	1865.0	1977.9
40°	647.6	764.9	914.1	1075.6	1244.8	1415.4	1577.3	1730.2	1865.0	1988.2	2102.6
37.5°	697.7	835.9	994.6	1173.1	1353.3	1528.9	1696.4	1842.6	1977.9	2102.6	2212.3
35°	745.3	903.5	1080.3	1267.6	1456.8	1635.3	1798.3	1947.2	2081.6	2202.6	2314.8
32.5°	798.2	967.3	1161.3	1358.4	1551.0	1732.8	1894.5	2040.1	2173.7	2296.6	2408.0
30°	852.7	1036.2	1238.2	1444.0	1639.6	1817.4	1978.8	2126.2	2258.8	2380.2	2489.3
27.5°	903.5	1101.2	1311.6	1521.3	1720.4	1896.7	2055.9	2201.1	2334.4	2456.6	2562.4
25°	950.4	1161.3	1379.5	1592.1	1788.5	1965.2	2125.8	2270.9	2403.5	2520.8	2623.6
22.5°	996.7	1216.3	1441.8	1657.1	1851.1	2026.4	2185.6	2331.1	2463.8	2579.9	2678.5
20°	1041.7	1267.6	1496.7	1714.7	1907.8	2082.1	2240.0	2385.3	2514.4	2626.8	2725.0
17.5°	1081.8	1313.3	1544.7	1761.2	1954.5	2129.6	2288.2	2433.9	2559.9	2669.1	2765.1
15°	1116.8	1353.3	1586.7	1802.0	1994.7	2169.0	2327.7	2471.8	2596.9	2705.2	2800.6
12.5°	1146.6	1387.3	1622.5	1836.8	2029.0	2202.8	2361.5	2503.6	2626.6	2733.5	2826.8
10°	1171.2	1415.4	1652.1	1865.4	2057.3	2230.7	2389.5	2529.9	2651.2	2757.0	2848.7
7.5°	1190.3	1437.3	1675.1	1887.9	2079.5	2252.6	2411.4	2550.6	2670.6	2775.6	2866.0
5°	1204.1	1453.0	1691.7	1904.0	2095.4	2268.3	2427.2	2565.5	2684.6	2788.9	2878.4
2.5°	1212.3	1462.4	1701.7	1913.7	2105.0	2277.7	2436.7	2574.5	2693.0	2797.0	2886.0
0°	1215.1	1465.6	1705.0	1916.9	2108.2	2280.9	2439.9	2577.5	2695.8	2799.7	2888.5
-2.5°	1212.3	1462.4	1701.7	1913.7	2105.0	2277.7	2436.7	2574.5	2693.0	2797.0	2886.0
-5°	1204.1	1453.0	1691.7	1904.0	2095.4	2268.3	2427.2	2565.5	2684.6	2788.9	2878.4
-7.5°	1190.3	1437.3	1675.1	1887.9	2079.5	2252.6	2411.4	2550.6	2670.6	2775.6	2866.0
-10°	1171.2	1415.4	1652.1	1865.4	2057.3	2230.7	2389.5	2529.9	2651.2	2757.0	2848.7
-12.5°	1146.6	1387.3	1622.5	1836.8	2029.0	2202.8	2361.5	2503.6	2626.6	2733.5	2826.8
-15°	1116.8	1353.3	1586.7	1802.0	1994.7	2169.0	2327.7	2471.8	2596.9	2705.2	2800.6
-17.5°	1081.8	1313.3	1544.7	1761.2	1954.5	2129.6	2288.2	2433.9	2559.9	2669.1	2765.1
-20°	1041.7	1267.6	1496.7	1714.7	1907.8	2082.1	2240.0	2385.3	2514.4	2626.8	2725.0

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

Scaled Data Report



REPORT NUMBER: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	996.7	1216.3	1441.8	1657.1	1851.1	2026.4	2185.6	2331.1	2463.8	2579.9	2678.5
-25°	950.4	1161.3	1379.5	1592.1	1788.5	1965.2	2125.8	2270.9	2403.5	2520.8	2623.6
-27.5°	903.5	1101.2	1311.6	1521.3	1720.4	1896.7	2055.9	2201.1	2334.4	2456.6	2562.4
-30°	852.7	1036.2	1238.2	1444.0	1639.6	1817.4	1978.8	2126.2	2258.8	2380.2	2489.3
-32.5°	798.2	967.3	1161.3	1358.4	1551.0	1732.8	1894.5	2040.1	2173.7	2296.6	2408.0
-35°	745.3	903.5	1080.3	1267.6	1456.8	1635.3	1798.3	1947.2	2081.6	2202.6	2314.8
-37.5°	697.7	835.9	994.6	1173.1	1353.3	1528.9	1696.4	1842.6	1977.9	2102.6	2212.3
-40°	647.6	764.9	914.1	1075.6	1244.8	1415.4	1577.3	1730.2	1865.0	1988.2	2102.6
-42.5°	596.2	706.9	833.1	973.8	1134.3	1294.1	1453.0	1601.7	1741.2	1865.0	1977.9
-45°	550.5	647.0	752.1	882.5	1020.5	1169.8	1318.9	1465.6	1601.7	1730.2	1842.6
-47.5°	503.0	587.5	684.5	788.1	912.4	1043.9	1181.7	1318.9	1453.0	1577.3	1696.4
-50°	456.5	533.8	614.6	707.1	807.9	922.4	1043.9	1169.8	1294.1	1415.4	1528.9
-52.5°	416.4	478.4	552.4	629.6	714.7	807.9	912.4	1020.5	1134.3	1244.8	1353.3
-55°	375.2	430.9	490.8	558.6	629.6	707.1	788.1	882.5	973.8	1075.6	1173.1
-57.5°	339.3	384.8	435.8	490.8	552.4	614.6	684.5	752.1	833.1	914.1	994.6
-60°	306.3	342.9	384.8	430.9	478.4	533.8	587.5	647.0	706.9	764.9	835.9
-62.5°	273.3	306.3	339.3	375.2	416.4	456.5	503.0	550.5	596.2	647.6	697.7
-65°	243.0	270.1	299.0	328.3	356.9	392.4	427.7	461.7	501.8	541.5	579.3
-67.5°	212.2	236.6	260.5	284.5	310.3	335.2	359.4	389.7	419.1	447.2	475.9
-70°	179.7	202.5	224.0	244.7	264.9	285.2	306.6	327.3	347.1	368.0	391.6
-72.5°	146.5	166.5	186.0	205.1	222.8	239.9	256.4	272.3	288.7	305.3	321.0
-75°	114.8	130.3	146.9	163.2	179.1	194.4	209.1	222.7	235.8	248.2	260.1
-77.5°	84.0	97.0	109.7	122.1	134.2	147.0	159.3	171.2	182.6	193.4	203.7
-80°	56.5	63.6	73.6	83.5	93.1	102.4	111.3	119.9	128.2	136.4	144.7
-82.5°	35.1	40.4	45.7	50.8	55.7	60.5	65.6	72.1	78.2	84.1	89.7
-85°	15.9	17.2	20.6	24.0	27.3	30.5	33.6	36.5	39.4	42.1	44.6
-87.5°	7.9	8.6	9.2	9.9	10.5	11.1	11.6	12.2	12.7	13.2	13.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-735-U-LAM-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°	14.1	14.5	14.9	15.3	15.6	15.9	16.2	16.4	16.6	16.8	16.9
85°	47.0	49.3	51.4	53.4	55.2	56.9	58.3	59.7	60.8	61.8	62.6
82.5°	95.0	100.0	104.6	108.9	112.9	116.5	119.7	122.6	125.1	127.2	129.0
80°	152.4	159.7	166.6	172.9	178.7	184.1	188.8	193.1	196.8	199.9	202.5
77.5°	213.2	221.9	230.1	237.7	244.7	251.1	256.8	261.9	266.3	270.1	273.2
75°	271.3	282.2	293.4	303.8	313.3	322.0	329.9	336.9	342.9	348.1	352.3
72.5°	335.9	349.9	363.9	379.9	394.7	408.1	420.2	430.9	440.3	448.3	454.8
70°	414.1	435.2	455.0	475.2	496.6	516.2	533.8	549.5	563.1	574.8	584.3
67.5°	508.0	538.2	566.6	592.9	620.4	647.0	671.0	692.3	710.9	726.8	739.8
65°	617.9	658.4	696.4	731.8	764.9	803.4	838.3	869.3	896.3	919.4	938.3
62.5°	745.3	798.2	852.7	903.5	950.4	996.7	1041.7	1081.8	1116.8	1146.6	1171.2
60°	903.5	967.3	1036.2	1101.2	1161.3	1216.3	1267.6	1313.3	1353.3	1387.3	1415.4
57.5°	1080.3	1161.3	1238.2	1311.6	1379.5	1441.8	1496.7	1544.7	1586.7	1622.5	1652.1
55°	1267.6	1358.4	1444.0	1521.3	1592.1	1657.1	1714.7	1761.2	1802.0	1836.8	1865.4
52.5°	1456.8	1551.0	1639.6	1720.4	1788.5	1851.1	1907.8	1954.5	1994.7	2029.0	2057.3
50°	1635.3	1732.8	1817.4	1896.7	1965.2	2026.4	2082.1	2129.6	2169.0	2202.8	2230.7
47.5°	1798.3	1894.5	1978.8	2055.9	2125.8	2185.6	2240.0	2288.2	2327.7	2361.5	2389.5
45°	1947.2	2040.1	2126.2	2201.1	2270.9	2331.1	2385.3	2433.9	2471.8	2503.6	2529.9
42.5°	2081.6	2173.7	2258.8	2334.4	2403.5	2463.8	2514.4	2559.9	2596.9	2626.6	2651.2
40°	2202.6	2296.6	2380.2	2456.6	2520.8	2579.9	2626.8	2669.1	2705.2	2733.5	2757.0
37.5°	2314.8	2408.0	2489.3	2562.4	2623.6	2678.5	2725.0	2765.1	2800.6	2826.8	2848.7
35°	2417.3	2505.9	2586.3	2653.3	2713.9	2765.7	2811.5	2848.5	2881.5	2906.5	2926.4
32.5°	2505.9	2593.7	2668.3	2734.3	2793.5	2841.9	2885.7	2919.7	2949.5	2973.6	2992.1
30°	2586.3	2668.3	2741.1	2806.5	2860.4	2907.5	2947.0	2980.1	3007.7	3030.7	3047.0
27.5°	2653.3	2734.3	2806.5	2866.7	2918.4	2963.7	2999.8	3031.7	3055.8	3076.9	3090.9
25°	2713.9	2793.5	2860.4	2918.4	2968.5	3009.8	3044.3	3073.1	3094.5	3112.6	3123.0
22.5°	2765.7	2841.9	2907.5	2963.7	3009.8	3048.5	3080.9	3105.4	3122.9	3133.8	3140.0
20°	2811.5	2885.7	2947.0	2999.8	3044.3	3080.9	3109.1	3127.1	3139.3	3142.3	3144.1
17.5°	2848.5	2919.7	2980.1	3031.7	3073.1	3105.4	3127.1	3139.9	3143.5	3142.9	3141.1
15°	2881.5	2949.5	3007.7	3055.8	3094.5	3122.9	3139.3	3143.5	3142.5	3138.8	3133.2
12.5°	2906.5	2973.6	3030.7	3076.9	3112.6	3133.8	3142.3	3142.9	3138.8	3131.8	3123.8
10°	2926.4	2992.1	3047.0	3090.9	3123.0	3140.0	3144.1	3141.1	3133.2	3123.8	3114.8
7.5°	2942.2	3006.8	3059.9	3102.1	3129.8	3141.9	3142.8	3137.1	3127.6	3116.9	3107.2
5°	2953.6	3017.5	3069.4	3110.3	3134.8	3143.3	3141.8	3134.0	3122.9	3111.7	3102.9
2.5°	2960.5	3023.9	3075.1	3115.2	3137.9	3144.1	3141.2	3132.1	3120.0	3108.4	3100.0
0°	2962.8	3026.1	3077.0	3116.9	3138.9	3144.4	3141.0	3131.4	3119.0	3107.3	3099.0
-2.5°	2960.5	3023.9	3075.1	3115.2	3137.9	3144.1	3141.2	3132.1	3120.0	3108.4	3100.0
-5°	2953.6	3017.5	3069.4	3110.3	3134.8	3143.3	3141.8	3134.0	3122.9	3111.7	3102.9
-7.5°	2942.2	3006.8	3059.9	3102.1	3129.8	3141.9	3142.8	3137.1	3127.6	3116.9	3107.2
-10°	2926.4	2992.1	3047.0	3090.9	3123.0	3140.0	3144.1	3141.1	3133.2	3123.8	3114.8
-12.5°	2906.5	2973.6	3030.7	3076.9	3112.6	3133.8	3142.3	3142.9	3138.8	3131.8	3123.8
-15°	2881.5	2949.5	3007.7	3055.8	3094.5	3122.9	3139.3	3143.5	3142.5	3138.8	3133.2
-17.5°	2848.5	2919.7	2980.1	3031.7	3073.1	3105.4	3127.1	3139.9	3143.5	3142.9	3141.1
-20°	2811.5	2885.7	2947.0	2999.8	3044.3	3080.9	3109.1	3127.1	3139.3	3142.3	3144.1



REPORT NUMBER: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2765.7	2841.9	2907.5	2963.7	3009.8	3048.5	3080.9	3105.4	3122.9	3133.8	3140.0
-25°	2713.9	2793.5	2860.4	2918.4	2968.5	3009.8	3044.3	3073.1	3094.5	3112.6	3123.0
-27.5°	2653.3	2734.3	2806.5	2866.7	2918.4	2963.7	2999.8	3031.7	3055.8	3076.9	3090.9
-30°	2586.3	2668.3	2741.1	2806.5	2860.4	2907.5	2947.0	2980.1	3007.7	3030.7	3047.0
-32.5°	2505.9	2593.7	2668.3	2734.3	2793.5	2841.9	2885.7	2919.7	2949.5	2973.6	2992.1
-35°	2417.3	2505.9	2586.3	2653.3	2713.9	2765.7	2811.5	2848.5	2881.5	2906.5	2926.4
-37.5°	2314.8	2408.0	2489.3	2562.4	2623.6	2678.5	2725.0	2765.1	2800.6	2826.8	2848.7
-40°	2202.6	2296.6	2380.2	2456.6	2520.8	2579.9	2626.8	2669.1	2705.2	2733.5	2757.0
-42.5°	2081.6	2173.7	2258.8	2334.4	2403.5	2463.8	2514.4	2559.9	2596.9	2626.6	2651.2
-45°	1947.2	2040.1	2126.2	2201.1	2270.9	2331.1	2385.3	2433.9	2471.8	2503.6	2529.9
-47.5°	1798.3	1894.5	1978.8	2055.9	2125.8	2185.6	2240.0	2288.2	2327.7	2361.5	2389.5
-50°	1635.3	1732.8	1817.4	1896.7	1965.2	2026.4	2082.1	2129.6	2169.0	2202.8	2230.7
-52.5°	1456.8	1551.0	1639.6	1720.4	1788.5	1851.1	1907.8	1954.5	1994.7	2029.0	2057.3
-55°	1267.6	1358.4	1444.0	1521.3	1592.1	1657.1	1714.7	1761.2	1802.0	1836.8	1865.4
-57.5°	1080.3	1161.3	1238.2	1311.6	1379.5	1441.8	1496.7	1544.7	1586.7	1622.5	1652.1
-60°	903.5	967.3	1036.2	1101.2	1161.3	1216.3	1267.6	1313.3	1353.3	1387.3	1415.4
-62.5°	745.3	798.2	852.7	903.5	950.4	996.7	1041.7	1081.8	1116.8	1146.6	1171.2
-65°	617.9	658.4	696.4	731.8	764.9	803.4	838.3	869.3	896.3	919.4	938.3
-67.5°	508.0	538.2	566.6	592.9	620.4	647.0	671.0	692.3	710.9	726.8	739.8
-70°	414.1	435.2	455.0	475.2	496.6	516.2	533.8	549.5	563.1	574.8	584.3
-72.5°	335.9	349.9	363.9	379.9	394.7	408.1	420.2	430.9	440.3	448.3	454.8
-75°	271.3	282.2	293.4	303.8	313.3	322.0	329.9	336.9	342.9	348.1	352.3
-77.5°	213.2	221.9	230.1	237.7	244.7	251.1	256.8	261.9	266.3	270.1	273.2
-80°	152.4	159.7	166.6	172.9	178.7	184.1	188.8	193.1	196.8	199.9	202.5
-82.5°	95.0	100.0	104.6	108.9	112.9	116.5	119.7	122.6	125.1	127.2	129.0
-85°	47.0	49.3	51.4	53.4	55.2	56.9	58.3	59.7	60.8	61.8	62.6
-87.5°	14.1	14.5	14.9	15.3	15.6	15.9	16.2	16.4	16.6	16.8	16.9
-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: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	17.1	17.1	17.2	17.2	17.2	17.1	17.1	16.9	16.8	16.6	16.4
85°	63.2	63.6	63.9	64.0	63.9	63.6	63.2	62.6	61.8	60.8	59.7
82.5°	130.3	131.3	131.9	132.1	131.9	131.3	130.3	129.0	127.2	125.1	122.6
80°	204.5	205.9	206.8	207.1	206.8	205.9	204.5	202.5	199.9	196.8	193.1
77.5°	275.6	277.3	278.4	278.7	278.4	277.3	275.6	273.2	270.1	266.3	261.9
75°	355.6	358.0	359.4	359.9	359.4	358.0	355.6	352.3	348.1	342.9	336.9
72.5°	459.9	463.6	465.8	466.5	465.8	463.6	459.9	454.8	448.3	440.3	430.9
70°	591.8	597.1	600.3	601.4	600.3	597.1	591.8	584.3	574.8	563.1	549.5
67.5°	750.0	757.3	761.6	763.1	761.6	757.3	750.0	739.8	726.8	710.9	692.3
65°	953.1	963.7	970.1	972.2	970.1	963.7	953.1	938.3	919.4	896.3	869.3
62.5°	1190.3	1204.1	1212.3	1215.1	1212.3	1204.1	1190.3	1171.2	1146.6	1116.8	1081.8
60°	1437.3	1453.0	1462.4	1465.6	1462.4	1453.0	1437.3	1415.4	1387.3	1353.3	1313.3
57.5°	1675.1	1691.7	1701.7	1705.0	1701.7	1691.7	1675.1	1652.1	1622.5	1586.7	1544.7
55°	1887.9	1904.0	1913.7	1916.9	1913.7	1904.0	1887.9	1865.4	1836.8	1802.0	1761.2
52.5°	2079.5	2095.4	2105.0	2108.2	2105.0	2095.4	2079.5	2057.3	2029.0	1994.7	1954.5
50°	2252.6	2268.3	2277.7	2280.9	2277.7	2268.3	2252.6	2230.7	2202.8	2169.0	2129.6
47.5°	2411.4	2427.2	2436.7	2439.9	2436.7	2427.2	2411.4	2389.5	2361.5	2327.7	2288.2
45°	2550.6	2565.5	2574.5	2577.5	2574.5	2565.5	2550.6	2529.9	2503.6	2471.8	2433.9
42.5°	2670.6	2684.6	2693.0	2695.8	2693.0	2684.6	2670.6	2651.2	2626.6	2596.9	2559.9
40°	2775.6	2788.9	2797.0	2799.7	2797.0	2788.9	2775.6	2757.0	2733.5	2705.2	2669.1
37.5°	2866.0	2878.4	2886.0	2888.5	2886.0	2878.4	2866.0	2848.7	2826.8	2800.6	2765.1
35°	2942.2	2953.6	2960.5	2962.8	2960.5	2953.6	2942.2	2926.4	2906.5	2881.5	2848.5
32.5°	3006.8	3017.5	3023.9	3026.1	3023.9	3017.5	3006.8	2992.1	2973.6	2949.5	2919.7
30°	3059.9	3069.4	3075.1	3077.0	3075.1	3069.4	3059.9	3047.0	3030.7	3007.7	2980.1
27.5°	3102.1	3110.3	3115.2	3116.9	3115.2	3110.3	3102.1	3090.9	3076.9	3055.8	3031.7
25°	3129.8	3134.8	3137.9	3138.9	3137.9	3134.8	3129.8	3123.0	3112.6	3094.5	3073.1
22.5°	3141.9	3143.3	3144.1	3144.4	3144.1	3143.3	3141.9	3140.0	3133.8	3122.9	3105.4
20°	3142.8	3141.8	3141.2	3141.0	3141.2	3141.8	3142.8	3144.1	3142.3	3139.3	3127.1
17.5°	3137.1	3134.0	3132.1	3131.4	3132.1	3134.0	3137.1	3141.1	3142.9	3143.5	3139.9
15°	3127.6	3122.9	3120.0	3119.0	3120.0	3122.9	3127.6	3133.2	3138.8	3142.5	3143.5
12.5°	3116.9	3111.7	3108.4	3107.3	3108.4	3111.7	3116.9	3123.8	3131.8	3138.8	3142.9
10°	3107.2	3102.9	3100.0	3099.0	3100.0	3102.9	3107.2	3114.8	3123.8	3133.2	3141.1
7.5°	3101.0	3097.1	3095.0	3094.2	3095.0	3097.1	3101.0	3107.2	3116.9	3127.6	3137.1
5°	3097.1	3093.2	3090.0	3088.7	3090.0	3093.2	3097.1	3102.9	3111.7	3122.9	3134.0
2.5°	3095.0	3090.0	3085.1	3082.5	3085.1	3090.0	3095.0	3100.0	3108.4	3120.0	3132.1
0°	3094.2	3088.7	3082.5	3083.2	3082.5	3088.7	3094.2	3099.0	3107.3	3119.0	3131.4
-2.5°	3095.0	3090.0	3085.1	3082.5	3085.1	3090.0	3095.0	3100.0	3108.4	3120.0	3132.1
-5°	3097.1	3093.2	3090.0	3088.7	3090.0	3093.2	3097.1	3102.9	3111.7	3122.9	3134.0
-7.5°	3101.0	3097.1	3095.0	3094.2	3095.0	3097.1	3101.0	3107.2	3116.9	3127.6	3137.1
-10°	3107.2	3102.9	3100.0	3099.0	3100.0	3102.9	3107.2	3114.8	3123.8	3133.2	3141.1
-12.5°	3116.9	3111.7	3108.4	3107.3	3108.4	3111.7	3116.9	3123.8	3131.8	3138.8	3142.9
-15°	3127.6	3122.9	3120.0	3119.0	3120.0	3122.9	3127.6	3133.2	3138.8	3142.5	3143.5
-17.5°	3137.1	3134.0	3132.1	3131.4	3132.1	3134.0	3137.1	3141.1	3142.9	3143.5	3139.9
-20°	3142.8	3141.8	3141.2	3141.0	3141.2	3141.8	3142.8	3144.1	3142.3	3139.3	3127.1

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3141.9	3143.3	3144.1	3144.4	3144.1	3143.3	3141.9	3140.0	3133.8	3122.9	3105.4
-25°	3129.8	3134.8	3137.9	3138.9	3137.9	3134.8	3129.8	3123.0	3112.6	3094.5	3073.1
-27.5°	3102.1	3110.3	3115.2	3116.9	3115.2	3110.3	3102.1	3090.9	3076.9	3055.8	3031.7
-30°	3059.9	3069.4	3075.1	3077.0	3075.1	3069.4	3059.9	3047.0	3030.7	3007.7	2980.1
-32.5°	3006.8	3017.5	3023.9	3026.1	3023.9	3017.5	3006.8	2992.1	2973.6	2949.5	2919.7
-35°	2942.2	2953.6	2960.5	2962.8	2960.5	2953.6	2942.2	2926.4	2906.5	2881.5	2848.5
-37.5°	2866.0	2878.4	2886.0	2888.5	2886.0	2878.4	2866.0	2848.7	2826.8	2800.6	2765.1
-40°	2775.6	2788.9	2797.0	2799.7	2797.0	2788.9	2775.6	2757.0	2733.5	2705.2	2669.1
-42.5°	2670.6	2684.6	2693.0	2695.8	2693.0	2684.6	2670.6	2651.2	2626.6	2596.9	2559.9
-45°	2550.6	2565.5	2574.5	2577.5	2574.5	2565.5	2550.6	2529.9	2503.6	2471.8	2433.9
-47.5°	2411.4	2427.2	2436.7	2439.9	2436.7	2427.2	2411.4	2389.5	2361.5	2327.7	2288.2
-50°	2252.6	2268.3	2277.7	2280.9	2277.7	2268.3	2252.6	2230.7	2202.8	2169.0	2129.6
-52.5°	2079.5	2095.4	2105.0	2108.2	2105.0	2095.4	2079.5	2057.3	2029.0	1994.7	1954.5
-55°	1887.9	1904.0	1913.7	1916.9	1913.7	1904.0	1887.9	1865.4	1836.8	1802.0	1761.2
-57.5°	1675.1	1691.7	1701.7	1705.0	1701.7	1691.7	1675.1	1652.1	1622.5	1586.7	1544.7
-60°	1437.3	1453.0	1462.4	1465.6	1462.4	1453.0	1437.3	1415.4	1387.3	1353.3	1313.3
-62.5°	1190.3	1204.1	1212.3	1215.1	1212.3	1204.1	1190.3	1171.2	1146.6	1116.8	1081.8
-65°	953.1	963.7	970.1	972.2	970.1	963.7	953.1	938.3	919.4	896.3	869.3
-67.5°	750.0	757.3	761.6	763.1	761.6	757.3	750.0	739.8	726.8	710.9	692.3
-70°	591.8	597.1	600.3	601.4	600.3	597.1	591.8	584.3	574.8	563.1	549.5
-72.5°	459.9	463.6	465.8	466.5	465.8	463.6	459.9	454.8	448.3	440.3	430.9
-75°	355.6	358.0	359.4	359.9	359.4	358.0	355.6	352.3	348.1	342.9	336.9
-77.5°	275.6	277.3	278.4	278.7	278.4	277.3	275.6	273.2	270.1	266.3	261.9
-80°	204.5	205.9	206.8	207.1	206.8	205.9	204.5	202.5	199.9	196.8	193.1
-82.5°	130.3	131.3	131.9	132.1	131.9	131.3	130.3	129.0	127.2	125.1	122.6
-85°	63.2	63.6	63.9	64.0	63.9	63.6	63.2	62.6	61.8	60.8	59.7
-87.5°	17.1	17.1	17.2	17.2	17.2	17.1	17.1	16.9	16.8	16.6	16.4
-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: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	16.2	15.9	15.6	15.3	14.9	14.5	14.1	13.6	13.2	12.7	12.2
85°	58.3	56.9	55.2	53.4	51.4	49.3	47.0	44.6	42.1	39.4	36.5
82.5°	119.7	116.5	112.9	108.9	104.6	100.0	95.0	89.7	84.1	78.2	72.1
80°	188.8	184.1	178.7	172.9	166.6	159.7	152.4	144.7	136.4	128.2	119.9
77.5°	256.8	251.1	244.7	237.7	230.1	221.9	213.2	203.7	193.4	182.6	171.2
75°	329.9	322.0	313.3	303.8	293.4	282.2	271.3	260.1	248.2	235.8	222.7
72.5°	420.2	408.1	394.7	379.9	363.9	349.9	335.9	321.0	305.3	288.7	272.3
70°	533.8	516.2	496.6	475.2	455.0	435.2	414.1	391.6	368.0	347.1	327.3
67.5°	671.0	647.0	620.4	592.9	566.6	538.2	508.0	475.9	447.2	419.1	389.7
65°	838.3	803.4	764.9	731.8	696.4	658.4	617.9	579.3	541.5	501.8	461.7
62.5°	1041.7	996.7	950.4	903.5	852.7	798.2	745.3	697.7	647.6	596.2	550.5
60°	1267.6	1216.3	1161.3	1101.2	1036.2	967.3	903.5	835.9	764.9	706.9	647.0
57.5°	1496.7	1441.8	1379.5	1311.6	1238.2	1161.3	1080.3	994.6	914.1	833.1	752.1
55°	1714.7	1657.1	1592.1	1521.3	1444.0	1358.4	1267.6	1173.1	1075.6	973.8	882.5
52.5°	1907.8	1851.1	1788.5	1720.4	1639.6	1551.0	1456.8	1353.3	1244.8	1134.3	1020.5
50°	2082.1	2026.4	1965.2	1896.7	1817.4	1732.8	1635.3	1528.9	1415.4	1294.1	1169.8
47.5°	2240.0	2185.6	2125.8	2055.9	1978.8	1894.5	1798.3	1696.4	1577.3	1453.0	1318.9
45°	2385.3	2331.1	2270.9	2201.1	2126.2	2040.1	1947.2	1842.6	1730.2	1601.7	1465.6
42.5°	2514.4	2463.8	2403.5	2334.4	2258.8	2173.7	2081.6	1977.9	1865.0	1741.2	1601.7
40°	2626.8	2579.9	2520.8	2456.6	2380.2	2296.6	2202.6	2102.6	1988.2	1865.0	1730.2
37.5°	2725.0	2678.5	2623.6	2562.4	2489.3	2408.0	2314.8	2212.3	2102.6	1977.9	1842.6
35°	2811.5	2765.7	2713.9	2653.3	2586.3	2505.9	2417.3	2314.8	2202.6	2081.6	1947.2
32.5°	2885.7	2841.9	2793.5	2734.3	2668.3	2593.7	2505.9	2408.0	2296.6	2173.7	2040.1
30°	2947.0	2907.5	2860.4	2806.5	2741.1	2668.3	2586.3	2489.3	2380.2	2258.8	2126.2
27.5°	2999.8	2963.7	2918.4	2866.7	2806.5	2734.3	2653.3	2562.4	2456.6	2334.4	2201.1
25°	3044.3	3009.8	2968.5	2918.4	2860.4	2793.5	2713.9	2623.6	2520.8	2403.5	2270.9
22.5°	3080.9	3048.5	3009.8	2963.7	2907.5	2841.9	2765.7	2678.5	2579.9	2463.8	2331.1
20°	3109.1	3080.9	3044.3	2999.8	2947.0	2885.7	2811.5	2725.0	2626.8	2514.4	2385.3
17.5°	3127.1	3105.4	3073.1	3031.7	2980.1	2919.7	2848.5	2765.1	2669.1	2559.9	2433.9
15°	3139.3	3122.9	3094.5	3055.8	3007.7	2949.5	2881.5	2800.6	2705.2	2596.9	2471.8
12.5°	3142.3	3133.8	3112.6	3076.9	3030.7	2973.6	2906.5	2826.8	2733.5	2626.6	2503.6
10°	3144.1	3140.0	3123.0	3090.9	3047.0	2992.1	2926.4	2848.7	2757.0	2651.2	2529.9
7.5°	3142.8	3141.9	3129.8	3102.1	3059.9	3006.8	2942.2	2866.0	2775.6	2670.6	2550.6
5°	3141.8	3143.3	3134.8	3110.3	3069.4	3017.5	2953.6	2878.4	2788.9	2684.6	2565.5
2.5°	3141.2	3144.1	3137.9	3115.2	3075.1	3023.9	2960.5	2886.0	2797.0	2693.0	2574.5
0°	3141.0	3144.4	3138.9	3116.9	3077.0	3026.1	2962.8	2888.5	2799.7	2695.8	2577.5
-2.5°	3141.2	3144.1	3137.9	3115.2	3075.1	3023.9	2960.5	2886.0	2797.0	2693.0	2574.5
-5°	3141.8	3143.3	3134.8	3110.3	3069.4	3017.5	2953.6	2878.4	2788.9	2684.6	2565.5
-7.5°	3142.8	3141.9	3129.8	3102.1	3059.9	3006.8	2942.2	2866.0	2775.6	2670.6	2550.6
-10°	3144.1	3140.0	3123.0	3090.9	3047.0	2992.1	2926.4	2848.7	2757.0	2651.2	2529.9
-12.5°	3142.3	3133.8	3112.6	3076.9	3030.7	2973.6	2906.5	2826.8	2733.5	2626.6	2503.6
-15°	3139.3	3122.9	3094.5	3055.8	3007.7	2949.5	2881.5	2800.6	2705.2	2596.9	2471.8
-17.5°	3127.1	3105.4	3073.1	3031.7	2980.1	2919.7	2848.5	2765.1	2669.1	2559.9	2433.9
-20°	3109.1	3080.9	3044.3	2999.8	2947.0	2885.7	2811.5	2725.0	2626.8	2514.4	2385.3

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REPORT NUMBER: P645362 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3080.9	3048.5	3009.8	2963.7	2907.5	2841.9	2765.7	2678.5	2579.9	2463.8	2331.1
-25°	3044.3	3009.8	2968.5	2918.4	2860.4	2793.5	2713.9	2623.6	2520.8	2403.5	2270.9
-27.5°	2999.8	2963.7	2918.4	2866.7	2806.5	2734.3	2653.3	2562.4	2456.6	2334.4	2201.1
-30°	2947.0	2907.5	2860.4	2806.5	2741.1	2668.3	2586.3	2489.3	2380.2	2258.8	2126.2
-32.5°	2885.7	2841.9	2793.5	2734.3	2668.3	2593.7	2505.9	2408.0	2296.6	2173.7	2040.1
-35°	2811.5	2765.7	2713.9	2653.3	2586.3	2505.9	2417.3	2314.8	2202.6	2081.6	1947.2
-37.5°	2725.0	2678.5	2623.6	2562.4	2489.3	2408.0	2314.8	2212.3	2102.6	1977.9	1842.6
-40°	2626.8	2579.9	2520.8	2456.6	2380.2	2296.6	2202.6	2102.6	1988.2	1865.0	1730.2
-42.5°	2514.4	2463.8	2403.5	2334.4	2258.8	2173.7	2081.6	1977.9	1865.0	1741.2	1601.7
-45°	2385.3	2331.1	2270.9	2201.1	2126.2	2040.1	1947.2	1842.6	1730.2	1601.7	1465.6
-47.5°	2240.0	2185.6	2125.8	2055.9	1978.8	1894.5	1798.3	1696.4	1577.3	1453.0	1318.9
-50°	2082.1	2026.4	1965.2	1896.7	1817.4	1732.8	1635.3	1528.9	1415.4	1294.1	1169.8
-52.5°	1907.8	1851.1	1788.5	1720.4	1639.6	1551.0	1456.8	1353.3	1244.8	1134.3	1020.5
-55°	1714.7	1657.1	1592.1	1521.3	1444.0	1358.4	1267.6	1173.1	1075.6	973.8	882.5
-57.5°	1496.7	1441.8	1379.5	1311.6	1238.2	1161.3	1080.3	994.6	914.1	833.1	752.1
-60°	1267.6	1216.3	1161.3	1101.2	1036.2	967.3	903.5	835.9	764.9	706.9	647.0
-62.5°	1041.7	996.7	950.4	903.5	852.7	798.2	745.3	697.7	647.6	596.2	550.5
-65°	838.3	803.4	764.9	731.8	696.4	658.4	617.9	579.3	541.5	501.8	461.7
-67.5°	671.0	647.0	620.4	592.9	566.6	538.2	508.0	475.9	447.2	419.1	389.7
-70°	533.8	516.2	496.6	475.2	455.0	435.2	414.1	391.6	368.0	347.1	327.3
-72.5°	420.2	408.1	394.7	379.9	363.9	349.9	335.9	321.0	305.3	288.7	272.3
-75°	329.9	322.0	313.3	303.8	293.4	282.2	271.3	260.1	248.2	235.8	222.7
-77.5°	256.8	251.1	244.7	237.7	230.1	221.9	213.2	203.7	193.4	182.6	171.2
-80°	188.8	184.1	178.7	172.9	166.6	159.7	152.4	144.7	136.4	128.2	119.9
-82.5°	119.7	116.5	112.9	108.9	104.6	100.0	95.0	89.7	84.1	78.2	72.1
-85°	58.3	56.9	55.2	53.4	51.4	49.3	47.0	44.6	42.1	39.4	36.5
-87.5°	16.2	15.9	15.6	15.3	14.9	14.5	14.1	13.6	13.2	12.7	12.2
-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: P645362 (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°
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°	11.6	11.1	10.5	9.9	9.2	8.6	7.9	7.3	6.6	5.9	5.2
85°	33.6	30.5	27.3	24.0	20.6	17.2	15.9	14.5	13.2	11.8	10.3
82.5°	65.6	60.5	55.7	50.8	45.7	40.4	35.1	29.6	24.0	18.3	15.5
80°	111.3	102.4	93.1	83.5	73.6	63.6	56.5	49.2	41.7	34.1	26.4
77.5°	159.3	147.0	134.2	122.1	109.7	97.0	84.0	70.8	59.3	49.9	40.3
75°	209.1	194.4	179.1	163.2	146.9	130.3	114.8	98.9	82.6	66.1	54.0
72.5°	256.4	239.9	222.8	205.1	186.0	166.5	146.5	126.7	107.8	88.6	69.1
70°	306.6	285.2	264.9	244.7	224.0	202.5	179.7	156.4	132.7	110.8	88.6
67.5°	359.4	335.2	310.3	284.5	260.5	236.6	212.2	186.3	159.7	132.7	107.8
65°	427.7	392.4	356.9	328.3	299.0	270.1	243.0	215.4	186.3	156.4	126.7
62.5°	503.0	456.5	416.4	375.2	339.3	306.3	273.3	243.0	212.2	179.7	146.5
60°	587.5	533.8	478.4	430.9	384.8	342.9	306.3	270.1	236.6	202.5	166.5
57.5°	684.5	614.6	552.4	490.8	435.8	384.8	339.3	299.0	260.5	224.0	186.0
55°	788.1	707.1	629.6	558.6	490.8	430.9	375.2	328.3	284.5	244.7	205.1
52.5°	912.4	807.9	714.7	629.6	552.4	478.4	416.4	356.9	310.3	264.9	222.8
50°	1043.9	922.4	807.9	707.1	614.6	533.8	456.5	392.4	335.2	285.2	239.9
47.5°	1181.7	1043.9	912.4	788.1	684.5	587.5	503.0	427.7	359.4	306.6	256.4
45°	1318.9	1169.8	1020.5	882.5	752.1	647.0	550.5	461.7	389.7	327.3	272.3
42.5°	1453.0	1294.1	1134.3	973.8	833.1	706.9	596.2	501.8	419.1	347.1	288.7
40°	1577.3	1415.4	1244.8	1075.6	914.1	764.9	647.6	541.5	447.2	368.0	305.3
37.5°	1696.4	1528.9	1353.3	1173.1	994.6	835.9	697.7	579.3	475.9	391.6	321.0
35°	1798.3	1635.3	1456.8	1267.6	1080.3	903.5	745.3	617.9	508.0	414.1	335.9
32.5°	1894.5	1732.8	1551.0	1358.4	1161.3	967.3	798.2	658.4	538.2	435.2	349.9
30°	1978.8	1817.4	1639.6	1444.0	1238.2	1036.2	852.7	696.4	566.6	455.0	363.9
27.5°	2055.9	1896.7	1720.4	1521.3	1311.6	1101.2	903.5	731.8	592.9	475.2	379.9
25°	2125.8	1965.2	1788.5	1592.1	1379.5	1161.3	950.4	764.9	620.4	496.6	394.7
22.5°	2185.6	2026.4	1851.1	1657.1	1441.8	1216.3	996.7	803.4	647.0	516.2	408.1
20°	2240.0	2082.1	1907.8	1714.7	1496.7	1267.6	1041.7	838.3	671.0	533.8	420.2
17.5°	2288.2	2129.6	1954.5	1761.2	1544.7	1313.3	1081.8	869.3	692.3	549.5	430.9
15°	2327.7	2169.0	1994.7	1802.0	1586.7	1353.3	1116.8	896.3	710.9	563.1	440.3
12.5°	2361.5	2202.8	2029.0	1836.8	1622.5	1387.3	1146.6	919.4	726.8	574.8	448.3
10°	2389.5	2230.7	2057.3	1865.4	1652.1	1415.4	1171.2	938.3	739.8	584.3	454.8
7.5°	2411.4	2252.6	2079.5	1887.9	1675.1	1437.3	1190.3	953.1	750.0	591.8	459.9
5°	2427.2	2268.3	2095.4	1904.0	1691.7	1453.0	1204.1	963.7	757.3	597.1	463.6
2.5°	2436.7	2277.7	2105.0	1913.7	1701.7	1462.4	1212.3	970.1	761.6	600.3	465.8
0°	2439.9	2280.9	2108.2	1916.9	1705.0	1465.6	1215.1	972.2	763.1	601.4	466.5
-2.5°	2436.7	2277.7	2105.0	1913.7	1701.7	1462.4	1212.3	970.1	761.6	600.3	465.8
-5°	2427.2	2268.3	2095.4	1904.0	1691.7	1453.0	1204.1	963.7	757.3	597.1	463.6
-7.5°	2411.4	2252.6	2079.5	1887.9	1675.1	1437.3	1190.3	953.1	750.0	591.8	459.9
-10°	2389.5	2230.7	2057.3	1865.4	1652.1	1415.4	1171.2	938.3	739.8	584.3	454.8
-12.5°	2361.5	2202.8	2029.0	1836.8	1622.5	1387.3	1146.6	919.4	726.8	574.8	448.3
-15°	2327.7	2169.0	1994.7	1802.0	1586.7	1353.3	1116.8	896.3	710.9	563.1	440.3
-17.5°	2288.2	2129.6	1954.5	1761.2	1544.7	1313.3	1081.8	869.3	692.3	549.5	430.9
-20°	2240.0	2082.1	1907.8	1714.7	1496.7	1267.6	1041.7	838.3	671.0	533.8	420.2

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Scaled Data Report



REPORT NUMBER: P645362 (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°	2185.6	2026.4	1851.1	1657.1	1441.8	1216.3	996.7	803.4	647.0	516.2	408.1
-25°	2125.8	1965.2	1788.5	1592.1	1379.5	1161.3	950.4	764.9	620.4	496.6	394.7
-27.5°	2055.9	1896.7	1720.4	1521.3	1311.6	1101.2	903.5	731.8	592.9	475.2	379.9
-30°	1978.8	1817.4	1639.6	1444.0	1238.2	1036.2	852.7	696.4	566.6	455.0	363.9
-32.5°	1894.5	1732.8	1551.0	1358.4	1161.3	967.3	798.2	658.4	538.2	435.2	349.9
-35°	1798.3	1635.3	1456.8	1267.6	1080.3	903.5	745.3	617.9	508.0	414.1	335.9
-37.5°	1696.4	1528.9	1353.3	1173.1	994.6	835.9	697.7	579.3	475.9	391.6	321.0
-40°	1577.3	1415.4	1244.8	1075.6	914.1	764.9	647.6	541.5	447.2	368.0	305.3
-42.5°	1453.0	1294.1	1134.3	973.8	833.1	706.9	596.2	501.8	419.1	347.1	288.7
-45°	1318.9	1169.8	1020.5	882.5	752.1	647.0	550.5	461.7	389.7	327.3	272.3
-47.5°	1181.7	1043.9	912.4	788.1	684.5	587.5	503.0	427.7	359.4	306.6	256.4
-50°	1043.9	922.4	807.9	707.1	614.6	533.8	456.5	392.4	335.2	285.2	239.9
-52.5°	912.4	807.9	714.7	629.6	552.4	478.4	416.4	356.9	310.3	264.9	222.8
-55°	788.1	707.1	629.6	558.6	490.8	430.9	375.2	328.3	284.5	244.7	205.1
-57.5°	684.5	614.6	552.4	490.8	435.8	384.8	339.3	299.0	260.5	224.0	186.0
-60°	587.5	533.8	478.4	430.9	384.8	342.9	306.3	270.1	236.6	202.5	166.5
-62.5°	503.0	456.5	416.4	375.2	339.3	306.3	273.3	243.0	212.2	179.7	146.5
-65°	427.7	392.4	356.9	328.3	299.0	270.1	243.0	215.4	186.3	156.4	126.7
-67.5°	359.4	335.2	310.3	284.5	260.5	236.6	212.2	186.3	159.7	132.7	107.8
-70°	306.6	285.2	264.9	244.7	224.0	202.5	179.7	156.4	132.7	110.8	88.6
-72.5°	256.4	239.9	222.8	205.1	186.0	166.5	146.5	126.7	107.8	88.6	69.1
-75°	209.1	194.4	179.1	163.2	146.9	130.3	114.8	98.9	82.6	66.1	54.0
-77.5°	159.3	147.0	134.2	122.1	109.7	97.0	84.0	70.8	59.3	49.9	40.3
-80°	111.3	102.4	93.1	83.5	73.6	63.6	56.5	49.2	41.7	34.1	26.4
-82.5°	65.6	60.5	55.7	50.8	45.7	40.4	35.1	29.6	24.0	18.3	15.5
-85°	33.6	30.5	27.3	24.0	20.6	17.2	15.9	14.5	13.2	11.8	10.3
-87.5°	11.6	11.1	10.5	9.9	9.2	8.6	7.9	7.3	6.6	5.9	5.2
-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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REPORT NUMBER: P645362 (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°	4.5	3.7	3.0	2.2	1.5	0.8	0.0
85°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
82.5°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
80°	18.6	14.8	11.9	8.9	6.0	3.0	0.0
77.5°	30.5	20.7	14.8	11.1	7.4	3.7	0.0
75°	42.3	30.5	18.6	13.3	8.9	4.5	0.0
72.5°	54.0	40.3	26.4	15.5	10.3	5.2	0.0
70°	66.1	49.9	34.1	18.3	11.8	5.9	0.0
67.5°	82.6	59.3	41.7	24.0	13.2	6.6	0.0
65°	98.9	70.8	49.2	29.6	14.5	7.3	0.0
62.5°	114.8	84.0	56.5	35.1	15.9	7.9	0.0
60°	130.3	97.0	63.6	40.4	17.2	8.6	0.0
57.5°	146.9	109.7	73.6	45.7	20.6	9.2	0.0
55°	163.2	122.1	83.5	50.8	24.0	9.9	0.0
52.5°	179.1	134.2	93.1	55.7	27.3	10.5	0.0
50°	194.4	147.0	102.4	60.5	30.5	11.1	0.0
47.5°	209.1	159.3	111.3	65.6	33.6	11.6	0.0
45°	222.7	171.2	119.9	72.1	36.5	12.2	0.0
42.5°	235.8	182.6	128.2	78.2	39.4	12.7	0.0
40°	248.2	193.4	136.4	84.1	42.1	13.2	0.0
37.5°	260.1	203.7	144.7	89.7	44.6	13.6	0.0
35°	271.3	213.2	152.4	95.0	47.0	14.1	0.0
32.5°	282.2	221.9	159.7	100.0	49.3	14.5	0.0
30°	293.4	230.1	166.6	104.6	51.4	14.9	0.0
27.5°	303.8	237.7	172.9	108.9	53.4	15.3	0.0
25°	313.3	244.7	178.7	112.9	55.2	15.6	0.0
22.5°	322.0	251.1	184.1	116.5	56.9	15.9	0.0
20°	329.9	256.8	188.8	119.7	58.3	16.2	0.0
17.5°	336.9	261.9	193.1	122.6	59.7	16.4	0.0
15°	342.9	266.3	196.8	125.1	60.8	16.6	0.0
12.5°	348.1	270.1	199.9	127.2	61.8	16.8	0.0
10°	352.3	273.2	202.5	129.0	62.6	16.9	0.0
7.5°	355.6	275.6	204.5	130.3	63.2	17.1	0.0
5°	358.0	277.3	205.9	131.3	63.6	17.1	0.0
2.5°	359.4	278.4	206.8	131.9	63.9	17.2	0.0
0°	359.9	278.7	207.1	132.1	64.0	17.2	0.0
-2.5°	359.4	278.4	206.8	131.9	63.9	17.2	0.0
-5°	358.0	277.3	205.9	131.3	63.6	17.1	0.0
-7.5°	355.6	275.6	204.5	130.3	63.2	17.1	0.0
-10°	352.3	273.2	202.5	129.0	62.6	16.9	0.0
-12.5°	348.1	270.1	199.9	127.2	61.8	16.8	0.0
-15°	342.9	266.3	196.8	125.1	60.8	16.6	0.0
-17.5°	336.9	261.9	193.1	122.6	59.7	16.4	0.0
-20°	329.9	256.8	188.8	119.7	58.3	16.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	322.0	251.1	184.1	116.5	56.9	15.9	0.0
-25°	313.3	244.7	178.7	112.9	55.2	15.6	0.0
-27.5°	303.8	237.7	172.9	108.9	53.4	15.3	0.0
-30°	293.4	230.1	166.6	104.6	51.4	14.9	0.0
-32.5°	282.2	221.9	159.7	100.0	49.3	14.5	0.0
-35°	271.3	213.2	152.4	95.0	47.0	14.1	0.0
-37.5°	260.1	203.7	144.7	89.7	44.6	13.6	0.0
-40°	248.2	193.4	136.4	84.1	42.1	13.2	0.0
-42.5°	235.8	182.6	128.2	78.2	39.4	12.7	0.0
-45°	222.7	171.2	119.9	72.1	36.5	12.2	0.0
-47.5°	209.1	159.3	111.3	65.6	33.6	11.6	0.0
-50°	194.4	147.0	102.4	60.5	30.5	11.1	0.0
-52.5°	179.1	134.2	93.1	55.7	27.3	10.5	0.0
-55°	163.2	122.1	83.5	50.8	24.0	9.9	0.0
-57.5°	146.9	109.7	73.6	45.7	20.6	9.2	0.0
-60°	130.3	97.0	63.6	40.4	17.2	8.6	0.0
-62.5°	114.8	84.0	56.5	35.1	15.9	7.9	0.0
-65°	98.9	70.8	49.2	29.6	14.5	7.3	0.0
-67.5°	82.6	59.3	41.7	24.0	13.2	6.6	0.0
-70°	66.1	49.9	34.1	18.3	11.8	5.9	0.0
-72.5°	54.0	40.3	26.4	15.5	10.3	5.2	0.0
-75°	42.3	30.5	18.6	13.3	8.9	4.5	0.0
-77.5°	30.5	20.7	14.8	11.1	7.4	3.7	0.0
-80°	18.6	14.8	11.9	8.9	6.0	3.0	0.0
-82.5°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
-85°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
-87.5°	4.5	3.7	3.0	2.2	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)