

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: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-VWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

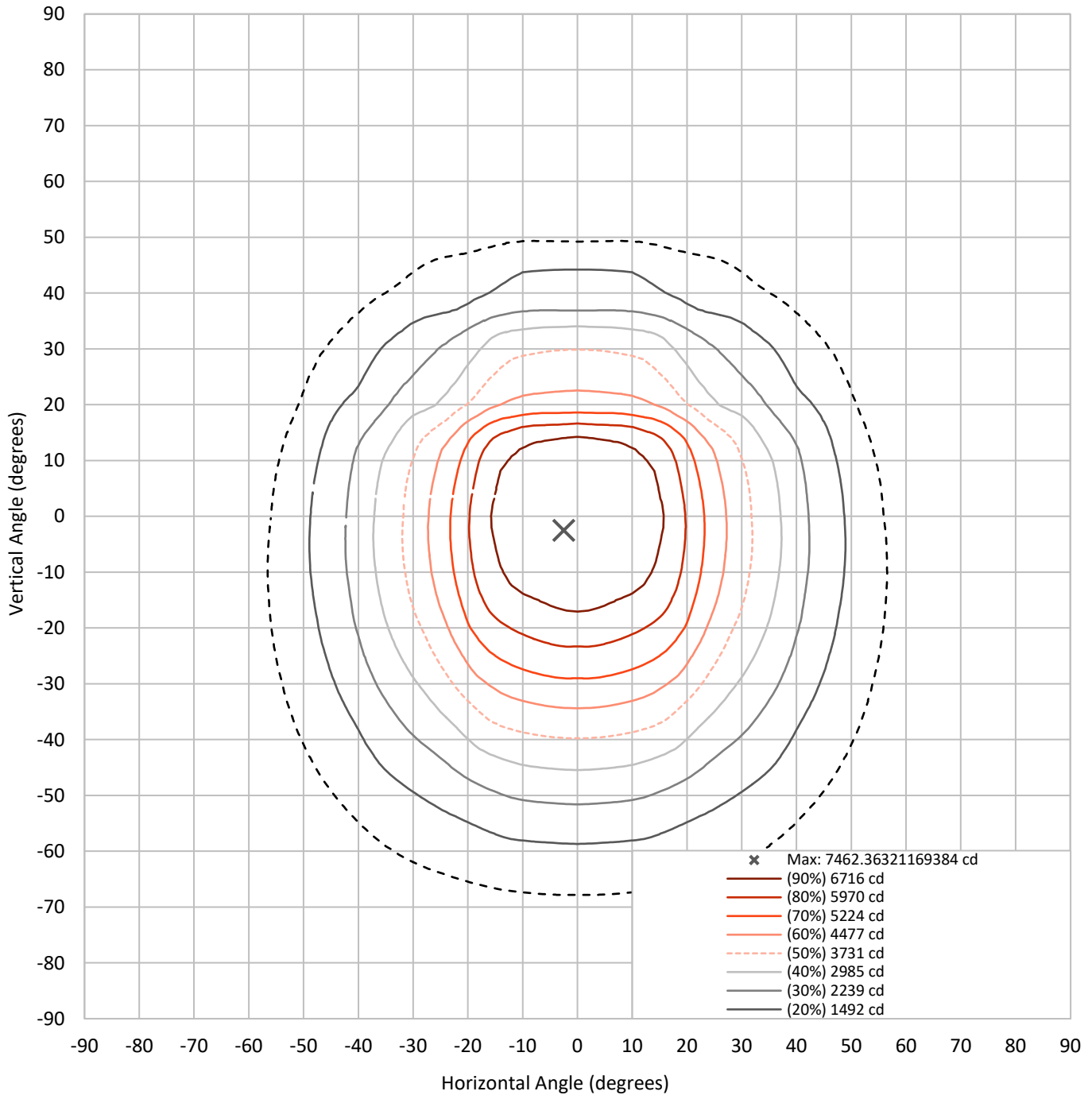
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9958.8 lumens	Max Intensity:	7462.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	79.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	5761.8 lumens	Field Lumens:	9450.2 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	125.71		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





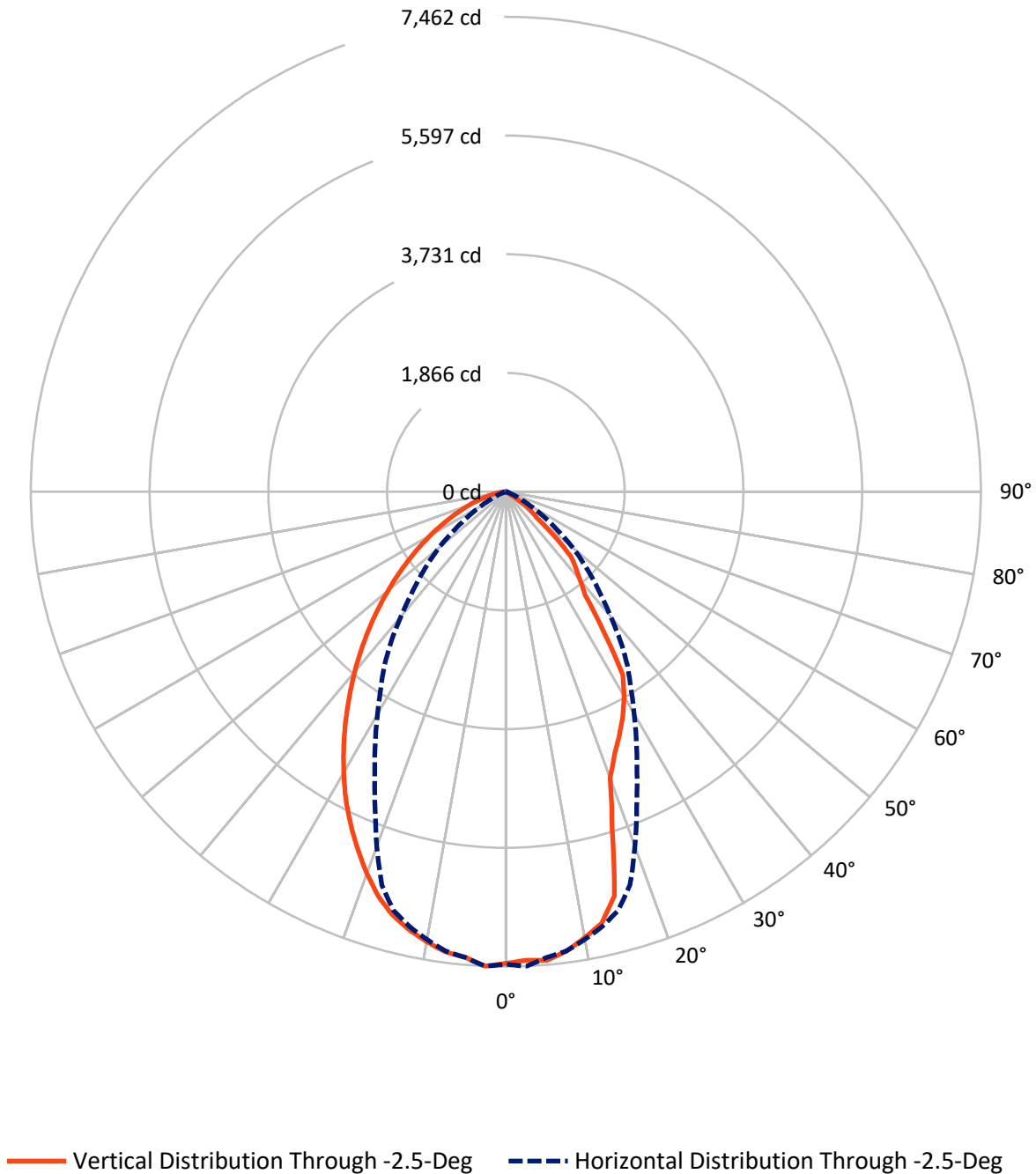
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Lumen Table

90																			
80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0					
70																			
60	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1				
50		0.1	0.2	0.9	2.7	5.2	7.8	9.7	9.7	7.8	5.2	2.7	0.9	0.2		0.1			
40	0.2	0.2	1.1	5.1	12.4	22.2	32.8	40.2	40.2	32.8	22.2	12.4	5.1	1.1	0.2	0.2			
30		0.5	3.7	12.9	28.8	46.8	70.2	82.0	82.0	70.2	46.8	28.8	12.9	3.7	0.5				
20	0.3	1.1	7.2	22.9	46.5	73.7	110.6	127.1	127.1	110.6	73.7	46.5	22.9	7.2	1.1	0.3			
10		1.9	11.0	33.9	67.0	110.3	164.1	188.3	188.3	164.1	110.3	67.0	33.9	11.0	1.9				
0	0.5	2.6	14.3	40.3	80.1	131.8	193.8	220.0	220.0	193.8	131.8	80.1	40.3	14.3	2.6	0.5			
-10		3.1	15.7	41.8	82.3	134.8	195.3	220.8	220.8	195.3	134.8	82.3	41.8	15.7	3.1				
-20	0.6	3.2	15.4	39.6	77.6	126.2	181.2	204.8	204.8	181.2	126.2	77.6	39.6	15.4	3.2	0.6			
-30		2.9	13.5	34.5	67.0	107.3	151.9	172.1	172.1	151.9	107.3	67.0	34.5	13.5	2.9				
-40	0.6	2.4	10.7	27.2	52.7	82.8	116.0	131.4	131.4	116.0	82.8	52.7	27.2	10.7	2.4	0.6			
-50		2.0	7.9	19.4	37.8	58.2	80.3	91.1	91.1	80.3	58.2	37.8	19.4	7.9	2.0				
-60	0.5	1.5	5.2	12.4	23.5	36.1	49.1	56.0	56.0	49.1	36.1	23.5	12.4	5.2	1.5	0.5			
-70		1.0	3.1	7.3	12.9	19.2	25.4	28.7	28.7	25.4	19.2	12.9	7.3	3.1	1.0				
-80	0.2	2.3	10.7	23.4	26.2	23.4	10.7	2.3											
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

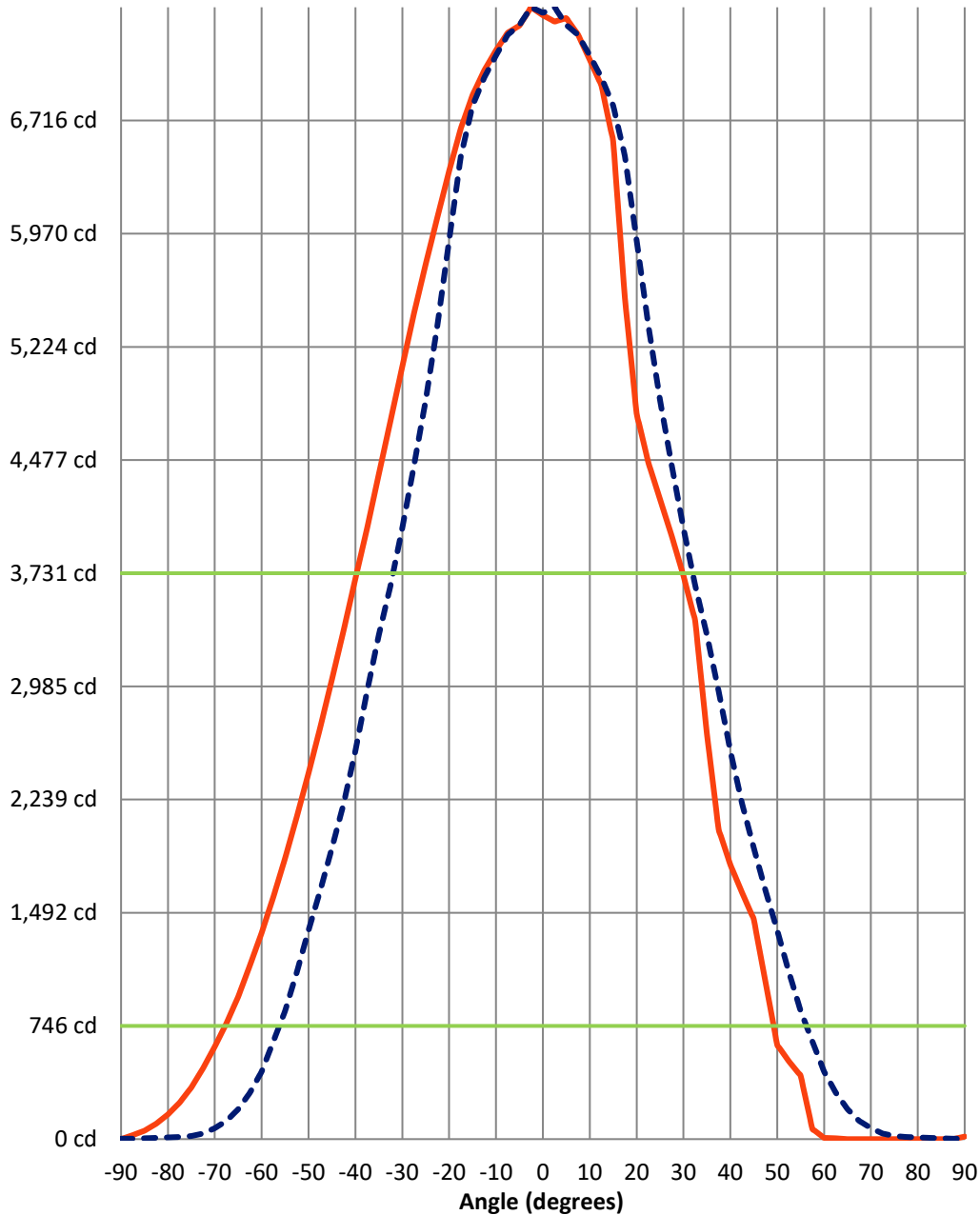
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 5761.8
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 9450.2
 Efficiency: 94.9%

Spill:
 Lumens: 508.5
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	2.8	2.8	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4
87.5°	2.8	2.8	2.8	2.7	2.6	2.3	2.1	1.5	0.9	0.4	0.0
85°	2.8	2.8	2.8	2.6	2.3	1.9	1.4	0.8	0.4	0.2	0.0
82.5°	2.8	2.8	2.8	2.5	2.1	1.5	0.7	0.2	0.1	0.4	0.7
80°	2.8	2.8	2.8	2.5	1.9	1.0	0.1	0.6	1.0	1.5	1.9
77.5°	2.8	2.8	2.8	2.4	1.6	0.9	0.9	1.4	2.0	2.5	2.5
75°	2.8	2.8	2.8	2.3	1.5	1.4	1.6	2.2	2.8	2.3	1.5
72.5°	2.8	2.8	2.8	2.3	1.8	1.8	2.2	2.8	2.4	1.6	0.5
70°	2.8	2.8	2.8	2.2	2.0	2.2	2.8	2.6	2.1	1.1	1.3
67.5°	2.8	2.8	2.8	2.3	2.2	2.6	2.9	2.6	1.8	2.2	2.5
65°	2.8	2.8	2.8	2.4	2.4	2.9	3.0	2.6	2.8	3.3	3.5
62.5°	2.8	2.8	2.8	2.5	2.6	3.1	3.1	3.2	3.8	4.2	3.9
60°	2.8	2.8	2.8	2.6	2.8	3.4	3.3	4.0	4.7	4.9	4.4
57.5°	2.8	2.8	2.8	2.7	3.1	3.6	4.0	4.8	5.5	5.6	5.5
55°	2.8	2.8	2.9	2.7	3.3	3.9	4.7	5.7	6.4	6.5	6.8
52.5°	2.8	2.8	2.9	2.8	3.6	4.3	5.4	6.5	7.3	7.7	8.1
50°	2.8	2.8	3.0	2.8	4.0	4.9	6.1	7.3	8.3	8.8	9.4
47.5°	2.8	2.8	3.1	2.9	4.3	5.4	6.7	8.1	9.3	10.0	10.7
45°	2.8	2.8	3.1	3.1	4.6	6.0	7.4	8.8	10.3	11.2	12.0
42.5°	2.8	2.8	3.2	3.4	5.0	6.5	8.0	9.6	11.3	12.3	14.5
40°	2.8	2.8	3.3	3.7	5.4	7.0	8.6	10.6	12.4	13.5	17.4
37.5°	2.8	2.8	3.4	4.1	5.8	7.5	9.2	11.5	13.5	15.3	20.3
35°	2.8	2.8	3.6	4.5	6.1	8.0	9.8	12.6	14.8	18.8	25.8
32.5°	2.8	2.8	3.7	4.8	6.5	8.5	10.4	13.6	16.1	23.0	36.8
30°	2.8	2.8	3.8	5.2	6.9	8.9	11.3	14.7	17.4	27.7	47.5
27.5°	2.8	2.8	4.0	5.5	7.3	9.3	12.1	15.7	19.7	32.9	57.8
25°	2.8	2.8	4.1	5.8	7.7	9.7	12.9	16.8	23.7	40.5	68.0
22.5°	2.8	2.8	4.3	6.1	8.2	10.1	13.7	17.9	28.0	48.9	81.4
20°	2.8	2.8	4.4	6.4	8.6	10.6	14.5	19.0	32.4	56.8	94.7
17.5°	2.8	2.8	4.6	6.7	8.9	11.1	15.3	20.1	36.9	64.3	107.8
15°	2.8	2.8	4.7	7.0	9.3	11.6	16.1	21.5	41.4	71.4	120.5
12.5°	2.8	2.8	4.9	7.3	9.7	12.0	16.8	23.5	46.4	77.9	132.7
10°	2.8	2.8	5.0	7.5	10.0	12.5	17.5	25.5	51.7	85.5	144.9
7.5°	2.8	2.8	5.2	7.8	10.3	12.9	18.1	27.6	56.7	92.8	157.8
5°	2.8	2.8	5.3	8.0	10.6	13.2	18.6	29.6	61.5	99.6	169.6
2.5°	2.8	2.8	5.5	8.2	10.9	13.6	19.1	31.6	65.8	105.9	180.2
0°	2.8	2.8	5.6	8.4	11.1	13.9	19.5	33.4	69.6	111.4	189.4
-2.5°	2.8	2.8	5.6	8.4	11.1	13.9	19.5	33.4	69.6	111.4	189.4
-5°	2.8	2.8	5.6	8.4	11.5	14.5	21.6	39.9	74.6	127.9	204.5
-7.5°	2.8	2.8	5.6	8.3	11.7	14.7	22.5	42.6	76.4	134.2	209.8
-10°	2.8	2.8	5.5	8.3	11.9	14.9	23.2	44.9	77.7	138.8	213.7
-12.5°	2.8	2.8	5.5	8.2	11.9	15.1	23.7	46.6	78.6	141.2	216.7
-15°	2.8	2.8	5.4	8.1	12.0	15.3	24.1	47.6	80.2	140.9	217.9
-17.5°	2.8	2.8	5.3	8.0	12.0	15.4	24.2	48.6	82.6	139.5	216.5
-20°	2.8	2.8	5.3	7.9	11.9	15.5	24.8	49.6	84.1	136.9	212.5

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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°	2.8	2.8	5.2	7.8	11.8	15.5	26.4	50.1	84.8	133.3	205.8
-25°	2.8	2.8	5.1	7.6	11.6	16.6	27.7	49.9	84.6	128.6	196.2
-27.5°	2.8	2.8	5.0	7.4	11.3	17.9	28.7	49.2	83.4	124.5	189.1
-30°	2.8	2.8	4.8	7.3	11.0	19.0	29.4	47.8	81.8	122.7	181.2
-32.5°	2.8	2.8	4.7	7.1	11.4	19.9	29.8	47.9	79.8	119.6	172.3
-35°	2.8	2.8	4.6	6.9	11.7	20.6	30.6	48.1	77.0	115.3	162.3
-37.5°	2.8	2.8	4.4	6.7	11.9	21.1	31.4	47.9	73.5	109.7	157.9
-40°	2.8	2.8	4.3	6.4	12.0	21.3	31.9	47.3	69.2	104.3	152.9
-42.5°	2.8	2.8	4.1	6.3	12.1	21.3	32.0	46.2	66.7	100.0	145.3
-45°	2.8	2.8	4.0	6.3	12.2	21.1	31.9	45.2	64.9	94.7	135.8
-47.5°	2.8	2.8	3.8	6.3	12.1	20.8	31.4	44.6	62.5	88.3	128.3
-50°	2.8	2.8	3.6	6.2	11.9	20.3	30.7	43.5	60.7	86.0	119.4
-52.5°	2.8	2.8	3.4	6.1	11.5	19.7	29.9	41.9	59.1	83.0	109.8
-55°	2.8	2.8	3.2	5.9	11.0	18.9	28.8	40.1	57.2	79.2	105.2
-57.5°	2.8	2.8	3.0	5.7	10.4	17.9	27.5	38.4	54.5	75.3	99.8
-60°	2.8	2.8	2.8	5.4	9.7	16.6	26.0	36.5	51.1	70.6	93.5
-62.5°	2.8	2.8	2.8	5.1	9.1	15.2	23.9	34.0	46.9	65.0	86.2
-65°	2.8	2.8	2.8	4.8	8.5	13.6	21.5	30.8	41.7	57.7	78.0
-67.5°	2.8	2.8	2.8	4.4	7.9	12.3	19.0	27.0	35.8	49.1	67.0
-70°	2.8	2.8	2.8	4.0	7.2	11.1	16.1	23.0	30.7	39.6	54.2
-72.5°	2.8	2.8	2.8	3.9	6.4	9.9	14.3	18.8	25.3	32.9	41.5
-75°	2.8	2.8	2.8	3.9	5.6	8.7	12.4	15.9	19.7	25.9	33.0
-77.5°	2.8	2.8	2.8	3.9	5.3	7.3	10.5	13.4	16.3	19.6	24.2
-80°	2.8	2.8	2.8	3.8	5.1	6.6	8.5	10.8	13.2	15.8	18.6
-82.5°	2.8	2.8	2.8	3.7	4.9	6.2	7.7	8.8	9.9	11.9	14.0
-85°	2.8	2.8	2.8	3.7	4.7	5.8	7.0	7.9	8.9	9.8	10.7
-87.5°	2.8	2.8	2.8	3.6	4.4	5.4	6.3	7.1	7.9	8.7	9.5
-90°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.1	1.4	0.7	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°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	9.1	9.8	10.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.8	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	1.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.6	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.6	1.7	1.1	0.5	0.0	0.2	0.4	0.3	0.0	0.1	0.4
67.5°	2.6	1.9	1.3	0.8	1.1	1.4	1.3	1.4	1.5	1.7	1.4
65°	2.7	2.1	2.1	2.4	2.7	3.0	3.3	3.5	2.9	2.5	2.6
62.5°	2.9	3.2	3.6	4.1	4.5	4.9	4.9	4.4	3.3	4.1	4.8
60°	4.2	4.6	5.2	5.7	6.3	6.6	6.3	6.3	7.1	8.2	15.7
57.5°	5.6	6.0	6.7	7.6	8.3	8.5	8.7	9.4	22.1	36.1	39.9
55°	7.0	7.4	8.5	9.9	10.7	10.6	15.3	32.2	48.6	67.4	74.2
52.5°	8.5	9.1	11.1	12.7	13.8	21.4	38.7	61.7	85.9	107.4	135.2
50°	9.9	11.9	14.0	16.4	26.2	46.2	71.4	102.8	139.3	173.7	208.9
47.5°	12.4	14.9	18.1	25.9	51.7	79.5	114.4	164.9	209.9	251.4	299.7
45°	15.3	20.6	24.1	51.3	81.2	117.2	176.2	237.9	278.7	334.4	419.8
42.5°	18.3	28.5	46.0	77.5	114.0	172.0	245.1	297.7	352.0	442.2	532.0
40°	26.4	38.2	69.4	106.9	153.1	237.6	312.7	372.2	446.4	546.5	640.3
37.5°	36.2	58.3	93.3	138.3	214.5	307.1	387.5	472.5	557.8	652.2	826.1
35°	47.0	77.0	123.6	184.2	275.9	384.1	480.0	575.0	673.3	859.1	1031.7
32.5°	61.2	94.2	155.2	237.6	342.3	461.1	572.4	682.2	839.9	1050.1	1223.2
30°	76.5	121.8	191.6	287.1	404.7	531.6	665.4	798.3	1007.1	1181.0	1369.0
27.5°	92.4	151.0	234.3	338.7	463.3	598.1	749.1	938.8	1124.9	1296.8	1503.4
25°	108.8	181.4	273.3	388.1	520.9	670.0	843.7	1074.7	1220.3	1410.2	1625.8
22.5°	129.8	210.5	312.0	432.9	574.2	743.9	965.3	1197.4	1368.7	1528.4	1739.0
20°	154.1	243.2	354.0	489.0	626.5	816.0	1086.3	1330.4	1531.9	1714.9	1908.2
17.5°	176.9	273.8	399.0	546.3	702.6	908.5	1205.0	1475.2	1696.9	1900.8	2142.2
15°	197.9	302.1	443.0	600.5	777.3	1014.4	1311.5	1608.2	1861.4	2090.8	2365.1
12.5°	217.1	327.9	485.5	651.2	847.7	1105.7	1400.9	1690.5	1968.8	2267.7	2579.0
10°	234.4	351.2	525.5	698.0	913.0	1183.0	1474.8	1759.1	2039.9	2356.2	2702.1
7.5°	253.0	372.9	561.9	740.6	972.4	1246.8	1533.8	1814.1	2097.4	2427.0	2782.1
5°	270.2	392.9	590.8	771.1	1018.3	1296.6	1578.2	1855.9	2141.0	2479.7	2842.7
2.5°	285.3	409.8	614.4	795.0	1052.3	1333.2	1607.0	1890.8	2173.4	2522.6	2888.9
0°	298.1	423.4	632.3	813.4	1078.0	1359.4	1624.0	1913.7	2192.3	2551.7	2919.4
-2.5°	306.3	445.8	644.6	845.4	1100.5	1376.6	1639.2	1920.1	2212.7	2560.9	2953.5
-5°	312.0	463.9	652.1	870.2	1115.2	1384.1	1644.2	1915.2	2218.1	2558.5	2958.6
-7.5°	315.4	476.7	655.6	884.2	1120.4	1379.6	1635.8	1905.7	2209.2	2549.8	2936.4
-10°	317.3	480.7	660.3	879.9	1113.6	1364.6	1616.9	1883.6	2183.9	2521.3	2894.4
-12.5°	322.5	478.1	659.5	870.6	1098.9	1342.1	1589.0	1848.6	2141.8	2472.7	2836.3
-15°	323.9	472.4	651.6	856.8	1076.5	1312.6	1552.4	1800.5	2089.9	2425.3	2772.0
-17.5°	320.9	463.7	636.1	839.2	1046.5	1276.8	1509.3	1757.2	2041.2	2370.7	2704.6
-20°	313.5	452.5	612.8	818.4	1011.0	1237.0	1466.2	1711.9	1985.2	2295.0	2629.1



REPORT NUMBER: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	301.2	438.9	587.6	789.4	980.2	1191.4	1415.6	1650.0	1915.1	2196.7	2527.5
-25°	288.6	423.6	567.8	749.6	943.3	1138.1	1357.5	1574.4	1832.6	2109.2	2402.8
-27.5°	276.7	402.2	547.1	705.9	899.7	1081.2	1291.8	1503.4	1739.9	2011.0	2281.4
-30°	261.1	379.0	521.9	664.0	847.7	1027.6	1218.6	1426.8	1639.5	1896.8	2162.7
-32.5°	247.3	355.0	493.2	632.0	791.7	967.2	1139.6	1338.0	1545.6	1765.0	2027.7
-35°	238.0	340.7	462.7	595.1	734.7	901.6	1065.5	1237.9	1439.0	1644.8	1875.5
-37.5°	230.5	324.4	430.7	556.6	689.5	832.7	986.1	1144.8	1320.2	1527.7	1744.7
-40°	218.8	306.0	406.9	519.9	637.1	767.4	909.8	1053.4	1205.5	1408.2	1622.3
-42.5°	203.7	288.2	384.6	479.9	587.1	706.0	832.6	967.8	1114.0	1290.0	1486.8
-45°	192.1	265.4	359.7	445.1	533.8	642.5	761.5	884.0	1021.8	1173.0	1349.7
-47.5°	177.4	240.7	327.2	407.0	485.1	578.0	686.7	802.7	924.8	1061.0	1205.8
-50°	161.6	220.0	287.4	365.1	439.6	516.8	609.5	716.8	827.6	946.3	1075.5
-52.5°	149.7	195.8	257.4	322.1	393.1	463.1	542.0	634.0	732.9	832.1	945.8
-55°	136.1	178.1	228.8	286.8	347.2	412.0	483.9	564.5	645.1	736.2	826.9
-57.5°	126.6	160.9	204.9	255.3	309.6	364.7	432.5	500.6	575.3	650.7	725.9
-60°	119.2	146.2	182.6	227.0	275.4	326.9	382.6	445.4	509.7	571.3	636.3
-62.5°	110.7	134.1	162.7	198.8	242.6	287.4	336.4	390.3	448.4	500.3	550.7
-65°	99.7	120.0	144.5	174.0	208.3	246.2	288.0	333.4	383.6	425.7	466.9
-67.5°	87.0	104.2	124.7	148.7	177.4	206.9	237.6	276.0	316.8	351.1	384.7
-70°	71.1	87.0	103.8	123.4	145.8	170.9	197.9	225.8	253.7	281.7	312.4
-72.5°	54.5	68.9	83.1	97.1	115.0	135.5	157.5	180.9	205.3	229.3	252.6
-75°	41.5	50.9	63.3	75.9	88.4	101.7	116.6	135.2	157.9	181.1	202.4
-77.5°	31.3	39.2	47.5	56.2	64.0	73.8	84.6	96.2	114.9	136.3	158.0
-80°	22.6	27.3	33.9	40.9	46.4	51.8	57.5	63.3	77.2	94.5	113.0
-82.5°	16.8	20.0	23.6	27.7	30.5	33.2	36.2	40.1	50.4	62.1	74.4
-85°	11.5	12.5	14.4	16.7	18.3	19.8	21.5	23.1	28.7	34.9	41.6
-87.5°	10.0	10.4	11.0	11.5	11.7	11.9	12.1	12.3	14.2	16.1	18.2
-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: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.1	11.8	12.5	13.2	13.9	14.6	15.3	16.0	16.7	16.7	16.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.3	1.4	1.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.0	2.8	2.1	1.4	0.7	1.1	1.7	2.0	2.0	1.8	1.4
62.5°	4.4	4.1	3.7	4.3	5.1	5.9	5.6	5.3	5.0	4.7	4.9
60°	16.5	11.0	12.7	16.0	14.9	10.2	16.8	19.0	16.2	11.1	10.7
57.5°	41.8	40.3	46.2	67.4	74.2	67.6	80.8	98.1	97.6	84.1	83.6
55°	88.9	119.3	156.0	162.0	187.5	238.7	278.6	261.1	261.0	274.1	316.4
52.5°	169.0	197.6	208.3	236.8	290.2	329.0	353.9	379.6	407.9	436.7	465.9
50°	248.0	275.8	307.4	336.6	410.5	450.3	443.7	497.0	565.3	608.0	629.9
47.5°	363.7	407.6	474.5	579.2	634.3	674.2	723.8	784.2	862.5	968.6	1050.4
45°	500.0	569.1	672.5	783.7	869.2	908.3	965.0	1058.6	1183.4	1304.9	1393.6
42.5°	611.5	706.2	822.8	929.1	998.9	1062.9	1136.4	1215.3	1358.2	1488.0	1590.5
40°	756.9	830.6	961.4	1061.6	1124.1	1187.6	1304.0	1422.1	1556.5	1677.4	1761.5
37.5°	941.1	1024.1	1160.2	1273.5	1333.7	1356.1	1554.1	1718.6	1827.8	1982.1	2032.6
35°	1139.0	1275.7	1449.1	1596.0	1655.0	1772.8	1976.7	2206.2	2454.9	2546.3	2624.3
32.5°	1359.9	1528.5	1763.8	1921.5	2005.7	2184.4	2442.4	2687.4	3012.5	3189.0	3241.7
30°	1561.9	1755.4	1957.6	2110.9	2254.8	2470.0	2705.4	3007.4	3308.1	3533.7	3603.8
27.5°	1710.2	1924.2	2118.7	2262.3	2424.7	2656.6	2950.1	3256.0	3551.1	3781.3	3863.1
25°	1851.7	2093.6	2247.7	2414.5	2605.2	2858.0	3183.2	3523.0	3813.8	4008.3	4108.6
22.5°	2012.7	2251.3	2416.6	2557.9	2807.2	3098.5	3400.4	3784.5	4092.4	4247.7	4356.4
20°	2178.9	2448.8	2704.1	2835.6	3051.3	3420.1	3758.1	4120.6	4418.0	4579.8	4694.4
17.5°	2410.7	2754.7	3067.8	3254.0	3485.0	3926.0	4347.7	4714.4	5128.2	5274.3	5414.3
15°	2655.2	3053.3	3420.1	3715.0	4013.4	4450.4	4993.2	5435.8	5907.9	6118.7	6357.0
12.5°	2898.9	3275.6	3607.9	3988.4	4408.9	4795.5	5312.2	5863.4	6291.8	6560.6	6721.1
10°	3081.0	3430.9	3750.7	4132.1	4551.8	4989.1	5502.6	6067.6	6516.0	6745.4	6876.4
7.5°	3179.3	3514.2	3851.5	4238.1	4655.9	5121.6	5650.7	6211.2	6669.7	6892.0	7021.3
5°	3252.3	3573.9	3923.3	4330.1	4752.6	5224.9	5753.2	6307.0	6725.1	6961.4	7124.9
2.5°	3296.5	3611.8	3969.0	4389.7	4813.2	5305.0	5858.8	6432.9	6798.8	6988.8	7139.2
0°	3309.3	3626.9	3994.6	4420.8	4855.4	5351.2	5900.0	6468.3	6838.8	7022.6	7175.8
-2.5°	3323.8	3650.8	4028.5	4441.0	4871.9	5366.4	5926.5	6480.3	6813.6	6999.1	7144.8
-5°	3313.7	3652.6	4029.2	4424.3	4858.0	5348.5	5886.2	6404.0	6752.7	6953.2	7098.1
-7.5°	3283.8	3627.4	4000.2	4379.9	4805.3	5301.4	5836.9	6335.4	6688.7	6900.1	7058.7
-10°	3240.1	3573.8	3949.1	4333.6	4754.0	5226.2	5753.5	6249.0	6587.1	6811.6	6996.5
-12.5°	3191.7	3518.5	3880.3	4249.1	4664.8	5131.2	5642.1	6111.2	6447.2	6692.1	6824.2
-15°	3120.1	3446.6	3792.5	4149.3	4554.5	5006.9	5494.9	5945.0	6275.0	6474.3	6620.2
-17.5°	3028.9	3349.3	3677.2	4015.6	4397.4	4843.0	5333.9	5777.8	6046.8	6224.8	6368.3
-20°	2931.3	3227.6	3538.3	3857.6	4227.6	4669.0	5151.1	5538.3	5791.8	5962.9	6098.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2819.8	3105.1	3389.5	3694.8	4057.6	4462.2	4888.1	5262.3	5534.8	5690.6	5815.8
-25°	2692.5	2970.1	3240.1	3535.0	3868.4	4232.1	4628.1	4995.8	5239.9	5405.4	5529.6
-27.5°	2555.4	2816.2	3079.9	3344.7	3644.5	4006.9	4373.7	4715.3	4923.6	5090.4	5215.3
-30°	2418.6	2653.2	2897.2	3147.8	3429.2	3756.0	4099.0	4386.2	4606.0	4768.1	4884.0
-32.5°	2270.3	2492.9	2709.1	2943.4	3208.3	3496.3	3797.3	4070.5	4305.3	4453.8	4551.5
-35°	2118.4	2333.9	2531.8	2744.4	2978.1	3226.6	3504.5	3774.0	4005.8	4123.3	4218.5
-37.5°	1960.2	2175.1	2362.7	2540.3	2741.6	2971.8	3242.5	3499.6	3699.9	3800.9	3886.7
-40°	1822.7	2011.8	2180.7	2350.7	2514.3	2718.7	2971.3	3220.2	3381.0	3479.4	3559.1
-42.5°	1689.1	1848.7	1987.0	2139.3	2303.1	2504.6	2708.4	2917.1	3046.3	3155.6	3239.6
-45°	1533.6	1676.2	1805.9	1932.6	2082.0	2265.9	2451.1	2618.3	2739.3	2844.8	2926.6
-47.5°	1361.6	1499.3	1625.2	1738.5	1877.3	2030.8	2186.6	2325.8	2445.3	2549.6	2622.5
-50°	1201.2	1324.3	1447.2	1561.9	1682.2	1806.3	1932.8	2054.9	2168.3	2269.7	2331.8
-52.5°	1057.6	1171.1	1278.6	1378.9	1484.2	1589.0	1693.7	1805.5	1909.9	2005.8	2055.4
-55°	927.7	1030.0	1127.0	1211.5	1296.0	1379.1	1468.9	1572.1	1668.2	1757.0	1792.7
-57.5°	811.0	898.6	984.4	1055.9	1124.8	1191.0	1269.8	1357.0	1441.1	1517.2	1546.3
-60°	703.8	773.3	845.0	908.4	968.5	1025.2	1094.0	1164.1	1232.4	1289.8	1314.6
-62.5°	605.1	664.6	718.9	770.4	821.3	872.4	927.9	983.5	1038.6	1082.8	1105.2
-65°	510.0	557.3	601.0	643.3	684.4	727.3	770.7	813.1	853.8	885.4	904.9
-67.5°	420.6	456.6	491.3	524.3	558.7	593.5	627.4	659.8	690.5	714.9	733.4
-70°	341.4	369.3	396.4	423.8	452.5	479.5	505.1	529.3	552.2	569.8	584.0
-72.5°	275.2	297.8	321.2	345.8	369.1	389.3	407.7	425.4	442.4	452.3	459.7
-75°	221.9	240.9	261.3	281.2	300.6	315.9	329.4	342.5	355.1	355.8	353.2
-77.5°	179.3	196.3	212.0	227.7	243.1	252.6	260.9	269.4	278.0	273.0	265.1
-80°	131.6	145.7	159.1	172.6	186.0	191.6	195.6	198.9	201.8	195.3	187.2
-82.5°	87.3	96.2	104.9	113.8	122.8	126.4	129.1	131.3	133.0	127.2	120.4
-85°	48.7	53.0	57.2	61.5	65.7	68.2	70.5	72.6	74.6	71.1	67.1
-87.5°	20.3	21.2	22.2	23.1	24.0	24.9	25.8	26.7	27.5	27.6	27.7
-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: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	1.8	2.0	2.0
62.5°	5.1	5.4	5.5	5.6	5.5	5.4	5.1	4.9	4.7	5.0	5.3
60°	9.9	8.7	8.4	8.4	8.4	8.7	9.9	10.7	11.1	16.2	19.0
57.5°	77.2	66.1	67.8	75.2	67.8	66.1	77.2	83.6	84.1	97.6	98.1
55°	360.9	402.9	417.7	409.5	417.7	402.9	360.9	316.4	274.1	261.0	261.1
52.5°	488.9	506.1	512.8	512.6	512.8	506.1	488.9	465.9	436.7	407.9	379.6
50°	636.5	630.7	621.8	612.8	621.8	630.7	636.5	629.9	608.0	565.3	497.0
47.5°	1062.3	1043.9	1036.1	1050.2	1036.1	1043.9	1062.3	1050.4	968.6	862.5	784.2
45°	1411.7	1433.3	1449.4	1448.5	1449.4	1433.3	1411.7	1393.6	1304.9	1183.4	1058.6
42.5°	1610.6	1622.1	1625.4	1621.2	1625.4	1622.1	1610.6	1590.5	1488.0	1358.2	1215.3
40°	1787.9	1801.6	1809.3	1816.2	1809.3	1801.6	1787.9	1761.5	1677.4	1556.5	1422.1
37.5°	2049.2	2054.2	2043.3	2036.3	2043.3	2054.2	2049.2	2032.6	1982.1	1827.8	1718.6
35°	2690.0	2703.1	2672.7	2704.9	2672.7	2703.1	2690.0	2624.3	2546.3	2454.9	2206.2
32.5°	3304.6	3366.1	3415.8	3457.0	3415.8	3366.1	3304.6	3241.7	3189.0	3012.5	2687.4
30°	3652.7	3692.4	3713.7	3718.8	3713.7	3692.4	3652.7	3603.8	3533.7	3308.1	3007.4
27.5°	3908.3	3949.9	3975.8	3994.6	3975.8	3949.9	3908.3	3863.1	3781.3	3551.1	3256.0
25°	4154.6	4192.6	4218.5	4228.6	4218.5	4192.6	4154.6	4108.6	4008.3	3813.8	3523.0
22.5°	4410.2	4436.6	4461.6	4473.7	4461.6	4436.6	4410.2	4356.4	4247.7	4092.4	3784.5
20°	4776.7	4762.3	4785.0	4777.4	4785.0	4762.3	4776.7	4694.4	4579.8	4418.0	4120.6
17.5°	5523.5	5531.2	5546.4	5571.3	5546.4	5531.2	5523.5	5414.3	5274.3	5128.2	4714.4
15°	6462.7	6481.6	6577.6	6663.3	6577.6	6481.6	6462.7	6357.0	6118.7	5907.9	5435.8
12.5°	6870.0	6935.4	6945.5	6969.7	6945.5	6935.4	6870.0	6721.1	6560.6	6291.8	5863.4
10°	7006.0	7119.2	7116.7	7145.2	7116.7	7119.2	7006.0	6876.4	6745.4	6516.0	6067.6
7.5°	7109.1	7230.7	7282.1	7304.0	7282.1	7230.7	7109.1	7021.3	6892.0	6669.7	6211.2
5°	7235.0	7301.9	7390.6	7365.3	7390.6	7301.9	7235.0	7124.9	6961.4	6725.1	6307.0
2.5°	7287.8	7392.6	7368.4	7393.1	7368.4	7392.6	7287.8	7139.2	6988.8	6798.8	6432.9
0°	7323.5	7398.7	7409.8	7434.9	7409.8	7398.7	7323.5	7175.8	7022.6	6838.8	6468.3
-2.5°	7280.3	7346.5	7462.4	7426.5	7462.4	7346.5	7280.3	7144.8	6999.1	6813.6	6480.3
-5°	7242.4	7405.3	7342.1	7421.0	7342.1	7405.3	7242.4	7098.1	6953.2	6752.7	6404.0
-7.5°	7222.9	7252.0	7294.0	7354.1	7294.0	7252.0	7222.9	7058.7	6900.1	6688.7	6335.4
-10°	7071.6	7101.4	7178.6	7220.4	7178.6	7101.4	7071.6	6996.5	6811.6	6587.1	6249.0
-12.5°	6907.7	6965.3	7046.4	7072.8	7046.4	6965.3	6907.7	6824.2	6692.1	6447.2	6111.2
-15°	6718.8	6804.5	6883.5	6900.0	6883.5	6804.5	6718.8	6620.2	6474.3	6275.0	5945.0
-17.5°	6478.5	6581.3	6664.3	6682.8	6664.3	6581.3	6478.5	6368.3	6224.8	6046.8	5777.8
-20°	6213.9	6312.3	6382.9	6404.2	6382.9	6312.3	6213.9	6098.3	5962.9	5791.8	5538.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5930.6	6019.2	6078.9	6069.9	6078.9	6019.2	5930.6	5815.8	5690.6	5534.8	5262.3
-25°	5629.7	5712.0	5768.8	5760.7	5768.8	5712.0	5629.7	5529.6	5405.4	5239.9	4995.8
-27.5°	5311.7	5389.6	5444.2	5445.9	5444.2	5389.6	5311.7	5215.3	5090.4	4923.6	4715.3
-30°	4977.4	5048.2	5092.6	5075.4	5092.6	5048.2	4977.4	4884.0	4768.1	4606.0	4386.2
-32.5°	4632.8	4696.7	4737.4	4749.5	4737.4	4696.7	4632.8	4551.5	4453.8	4305.3	4070.5
-35°	4292.8	4349.2	4384.3	4393.0	4384.3	4349.2	4292.8	4218.5	4123.3	4005.8	3774.0
-37.5°	3955.0	4003.5	4028.0	4016.9	4028.0	4003.5	3955.0	3886.7	3800.9	3699.9	3499.6
-40°	3621.1	3667.3	3695.4	3702.1	3695.4	3667.3	3621.1	3559.1	3479.4	3381.0	3220.2
-42.5°	3292.9	3331.4	3356.0	3367.8	3356.0	3331.4	3292.9	3239.6	3155.6	3046.3	2917.1
-45°	2974.4	3008.8	3031.9	3044.7	3031.9	3008.8	2974.4	2926.6	2844.8	2739.3	2618.3
-47.5°	2664.4	2694.6	2714.6	2724.4	2714.6	2694.6	2664.4	2622.5	2549.6	2445.3	2325.8
-50°	2368.1	2394.2	2412.8	2423.5	2412.8	2394.2	2368.1	2331.8	2269.7	2168.3	2054.9
-52.5°	2087.0	2109.8	2125.7	2133.8	2125.7	2109.8	2087.0	2055.4	2005.8	1909.9	1805.5
-55°	1818.7	1837.2	1851.8	1860.8	1851.8	1837.2	1818.7	1792.7	1757.0	1668.2	1572.1
-57.5°	1568.4	1583.5	1597.4	1607.3	1597.4	1583.5	1568.4	1546.3	1517.2	1441.1	1357.0
-60°	1334.1	1348.4	1360.3	1367.8	1360.3	1348.4	1334.1	1314.6	1289.8	1232.4	1164.1
-62.5°	1122.7	1135.4	1146.2	1153.3	1146.2	1135.4	1122.7	1105.2	1082.8	1038.6	983.5
-65°	920.1	931.4	939.5	944.3	939.5	931.4	920.1	904.9	885.4	853.8	813.1
-67.5°	749.2	762.3	764.9	763.3	764.9	762.3	749.2	733.4	714.9	690.5	659.8
-70°	596.8	607.8	610.4	610.1	610.4	607.8	596.8	584.0	569.8	552.2	529.3
-72.5°	466.6	472.6	467.5	459.6	467.5	472.6	466.6	459.7	452.3	442.4	425.4
-75°	350.1	346.3	340.9	334.3	340.9	346.3	350.1	353.2	355.8	355.1	342.5
-77.5°	256.4	246.9	240.7	234.0	240.7	246.9	256.4	265.1	273.0	278.0	269.4
-80°	178.5	169.2	162.8	156.0	162.8	169.2	178.5	187.2	195.3	201.8	198.9
-82.5°	113.1	105.5	101.6	97.5	101.6	105.5	113.1	120.4	127.2	133.0	131.3
-85°	62.8	58.3	55.7	52.9	55.7	58.3	62.8	67.1	71.1	74.6	72.6
-87.5°	27.8	27.9	26.5	25.1	26.5	27.9	27.8	27.7	27.6	27.5	26.7
-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: P627020 (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°	15.3	14.6	13.9	13.2	12.5	11.8	11.1	10.4	9.8	9.1	8.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.4	0.1	0.0	0.3
67.5°	0.0	0.0	0.5	1.2	1.5	1.4	1.3	1.4	1.7	1.5	1.4
65°	1.7	1.1	0.7	1.4	2.1	2.8	3.0	2.6	2.5	2.9	3.5
62.5°	5.6	5.9	5.1	4.3	3.7	4.1	4.4	4.8	4.1	3.3	4.4
60°	16.8	10.2	14.9	16.0	12.7	11.0	16.5	15.7	8.2	7.1	6.3
57.5°	80.8	67.6	74.2	67.4	46.2	40.3	41.8	39.9	36.1	22.1	9.4
55°	278.6	238.7	187.5	162.0	156.0	119.3	88.9	74.2	67.4	48.6	32.2
52.5°	353.9	329.0	290.2	236.8	208.3	197.6	169.0	135.2	107.4	85.9	61.7
50°	443.7	450.3	410.5	336.6	307.4	275.8	248.0	208.9	173.7	139.3	102.8
47.5°	723.8	674.2	634.3	579.2	474.5	407.6	363.7	299.7	251.4	209.9	164.9
45°	965.0	908.3	869.2	783.7	672.5	569.1	500.0	419.8	334.4	278.7	237.9
42.5°	1136.4	1062.9	998.9	929.1	822.8	706.2	611.5	532.0	442.2	352.0	297.7
40°	1304.0	1187.6	1124.1	1061.6	961.4	830.6	756.9	640.3	546.5	446.4	372.2
37.5°	1554.1	1356.1	1333.7	1273.5	1160.2	1024.1	941.1	826.1	652.2	557.8	472.5
35°	1976.7	1772.8	1655.0	1596.0	1449.1	1275.7	1139.0	1031.7	859.1	673.3	575.0
32.5°	2442.4	2184.4	2005.7	1921.5	1763.8	1528.5	1359.9	1223.2	1050.1	839.9	682.2
30°	2705.4	2470.0	2254.8	2110.9	1957.6	1755.4	1561.9	1369.0	1181.0	1007.1	798.3
27.5°	2950.1	2656.6	2424.7	2262.3	2118.7	1924.2	1710.2	1503.4	1296.8	1124.9	938.8
25°	3183.2	2858.0	2605.2	2414.5	2247.7	2093.6	1851.7	1625.8	1410.2	1220.3	1074.7
22.5°	3400.4	3098.5	2807.2	2557.9	2416.6	2251.3	2012.7	1739.0	1528.4	1368.7	1197.4
20°	3758.1	3420.1	3051.3	2835.6	2704.1	2448.8	2178.9	1908.2	1714.9	1531.9	1330.4
17.5°	4347.7	3926.0	3485.0	3254.0	3067.8	2754.7	2410.7	2142.2	1900.8	1696.9	1475.2
15°	4993.2	4450.4	4013.4	3715.0	3420.1	3053.3	2655.2	2365.1	2090.8	1861.4	1608.2
12.5°	5312.2	4795.5	4408.9	3988.4	3607.9	3275.6	2898.9	2579.0	2267.7	1968.8	1690.5
10°	5502.6	4989.1	4551.8	4132.1	3750.7	3430.9	3081.0	2702.1	2356.2	2039.9	1759.1
7.5°	5650.7	5121.6	4655.9	4238.1	3851.5	3514.2	3179.3	2782.1	2427.0	2097.4	1814.1
5°	5753.2	5224.9	4752.6	4330.1	3923.3	3573.9	3252.3	2842.7	2479.7	2141.0	1855.9
2.5°	5858.8	5305.0	4813.2	4389.7	3969.0	3611.8	3296.5	2888.9	2522.6	2173.4	1890.8
0°	5900.0	5351.2	4855.4	4420.8	3994.6	3626.9	3309.3	2919.4	2551.7	2192.3	1913.7
-2.5°	5926.5	5366.4	4871.9	4441.0	4028.5	3650.8	3323.8	2953.5	2560.9	2212.7	1920.1
-5°	5886.2	5348.5	4858.0	4424.3	4029.2	3652.6	3313.7	2958.6	2558.5	2218.1	1915.2
-7.5°	5836.9	5301.4	4805.3	4379.9	4000.2	3627.4	3283.8	2936.4	2549.8	2209.2	1905.7
-10°	5753.5	5226.2	4754.0	4333.6	3949.1	3573.8	3240.1	2894.4	2521.3	2183.9	1883.6
-12.5°	5642.1	5131.2	4664.8	4249.1	3880.3	3518.5	3191.7	2836.3	2472.7	2141.8	1848.6
-15°	5494.9	5006.9	4554.5	4149.3	3792.5	3446.6	3120.1	2772.0	2425.3	2089.9	1800.5
-17.5°	5333.9	4843.0	4397.4	4015.6	3677.2	3349.3	3028.9	2704.6	2370.7	2041.2	1757.2
-20°	5151.1	4669.0	4227.6	3857.6	3538.3	3227.6	2931.3	2629.1	2295.0	1985.2	1711.9



REPORT NUMBER: P627020 (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°
-22.5°	4888.1	4462.2	4057.6	3694.8	3389.5	3105.1	2819.8	2527.5	2196.7	1915.1	1650.0
-25°	4628.1	4232.1	3868.4	3535.0	3240.1	2970.1	2692.5	2402.8	2109.2	1832.6	1574.4
-27.5°	4373.7	4006.9	3644.5	3344.7	3079.9	2816.2	2555.4	2281.4	2011.0	1739.9	1503.4
-30°	4099.0	3756.0	3429.2	3147.8	2897.2	2653.2	2418.6	2162.7	1896.8	1639.5	1426.8
-32.5°	3797.3	3496.3	3208.3	2943.4	2709.1	2492.9	2270.3	2027.7	1765.0	1545.6	1338.0
-35°	3504.5	3226.6	2978.1	2744.4	2531.8	2333.9	2118.4	1875.5	1644.8	1439.0	1237.9
-37.5°	3242.5	2971.8	2741.6	2540.3	2362.7	2175.1	1960.2	1744.7	1527.7	1320.2	1144.8
-40°	2971.3	2718.7	2514.3	2350.7	2180.7	2011.8	1822.7	1622.3	1408.2	1205.5	1053.4
-42.5°	2708.4	2504.6	2303.1	2139.3	1987.0	1848.7	1689.1	1486.8	1290.0	1114.0	967.8
-45°	2451.1	2265.9	2082.0	1932.6	1805.9	1676.2	1533.6	1349.7	1173.0	1021.8	884.0
-47.5°	2186.6	2030.8	1877.3	1738.5	1625.2	1499.3	1361.6	1205.8	1061.0	924.8	802.7
-50°	1932.8	1806.3	1682.2	1561.9	1447.2	1324.3	1201.2	1075.5	946.3	827.6	716.8
-52.5°	1693.7	1589.0	1484.2	1378.9	1278.6	1171.1	1057.6	945.8	832.1	732.9	634.0
-55°	1468.9	1379.1	1296.0	1211.5	1127.0	1030.0	927.7	826.9	736.2	645.1	564.5
-57.5°	1269.8	1191.0	1124.8	1055.9	984.4	898.6	811.0	725.9	650.7	575.3	500.6
-60°	1094.0	1025.2	968.5	908.4	845.0	773.3	703.8	636.3	571.3	509.7	445.4
-62.5°	927.9	872.4	821.3	770.4	718.9	664.6	605.1	550.7	500.3	448.4	390.3
-65°	770.7	727.3	684.4	643.3	601.0	557.3	510.0	466.9	425.7	383.6	333.4
-67.5°	627.4	593.5	558.7	524.3	491.3	456.6	420.6	384.7	351.1	316.8	276.0
-70°	505.1	479.5	452.5	423.8	396.4	369.3	341.4	312.4	281.7	253.7	225.8
-72.5°	407.7	389.3	369.1	345.8	321.2	297.8	275.2	252.6	229.3	205.3	180.9
-75°	329.4	315.9	300.6	281.2	261.3	240.9	221.9	202.4	181.1	157.9	135.2
-77.5°	260.9	252.6	243.1	227.7	212.0	196.3	179.3	158.0	136.3	114.9	96.2
-80°	195.6	191.6	186.0	172.6	159.1	145.7	131.6	113.0	94.5	77.2	63.3
-82.5°	129.1	126.4	122.8	113.8	104.9	96.2	87.3	74.4	62.1	50.4	40.1
-85°	70.5	68.2	65.7	61.5	57.2	53.0	48.7	41.6	34.9	28.7	23.1
-87.5°	25.8	24.9	24.0	23.1	22.2	21.2	20.3	18.2	16.1	14.2	12.3
-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: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.7	7.0	6.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.5
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	0.8
82.5°	0.0	0.0	0.0	0.0	0.5	0.7	0.8	0.7	0.4	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.7	1.5	1.8	1.9	1.5	1.0	0.6
77.5°	0.0	0.0	0.0	0.0	0.3	0.8	1.6	2.5	2.5	2.0	1.4
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.6	1.5	2.3	2.8	2.2
72.5°	0.0	0.0	0.0	0.3	0.7	0.8	0.5	0.5	1.6	2.4	2.8
70°	0.4	0.2	0.0	0.5	1.1	1.7	1.6	1.3	1.1	2.1	2.6
67.5°	1.3	1.4	1.1	0.8	1.3	1.9	2.6	2.5	2.2	1.8	2.6
65°	3.3	3.0	2.7	2.4	2.1	2.1	2.7	3.5	3.3	2.8	2.6
62.5°	4.9	4.9	4.5	4.1	3.6	3.2	2.9	3.9	4.2	3.8	3.2
60°	6.3	6.6	6.3	5.7	5.2	4.6	4.2	4.4	4.9	4.7	4.0
57.5°	8.7	8.5	8.3	7.6	6.7	6.0	5.6	5.5	5.6	5.5	4.8
55°	15.3	10.6	10.7	9.9	8.5	7.4	7.0	6.8	6.5	6.4	5.7
52.5°	38.7	21.4	13.8	12.7	11.1	9.1	8.5	8.1	7.7	7.3	6.5
50°	71.4	46.2	26.2	16.4	14.0	11.9	9.9	9.4	8.8	8.3	7.3
47.5°	114.4	79.5	51.7	25.9	18.1	14.9	12.4	10.7	10.0	9.3	8.1
45°	176.2	117.2	81.2	51.3	24.1	20.6	15.3	12.0	11.2	10.3	8.8
42.5°	245.1	172.0	114.0	77.5	46.0	28.5	18.3	14.5	12.3	11.3	9.6
40°	312.7	237.6	153.1	106.9	69.4	38.2	26.4	17.4	13.5	12.4	10.6
37.5°	387.5	307.1	214.5	138.3	93.3	58.3	36.2	20.3	15.3	13.5	11.5
35°	480.0	384.1	275.9	184.2	123.6	77.0	47.0	25.8	18.8	14.8	12.6
32.5°	572.4	461.1	342.3	237.6	155.2	94.2	61.2	36.8	23.0	16.1	13.6
30°	665.4	531.6	404.7	287.1	191.6	121.8	76.5	47.5	27.7	17.4	14.7
27.5°	749.1	598.1	463.3	338.7	234.3	151.0	92.4	57.8	32.9	19.7	15.7
25°	843.7	670.0	520.9	388.1	273.3	181.4	108.8	68.0	40.5	23.7	16.8
22.5°	965.3	743.9	574.2	432.9	312.0	210.5	129.8	81.4	48.9	28.0	17.9
20°	1086.3	816.0	626.5	489.0	354.0	243.2	154.1	94.7	56.8	32.4	19.0
17.5°	1205.0	908.5	702.6	546.3	399.0	273.8	176.9	107.8	64.3	36.9	20.1
15°	1311.5	1014.4	777.3	600.5	443.0	302.1	197.9	120.5	71.4	41.4	21.5
12.5°	1400.9	1105.7	847.7	651.2	485.5	327.9	217.1	132.7	77.9	46.4	23.5
10°	1474.8	1183.0	913.0	698.0	525.5	351.2	234.4	144.9	85.5	51.7	25.5
7.5°	1533.8	1246.8	972.4	740.6	561.9	372.9	253.0	157.8	92.8	56.7	27.6
5°	1578.2	1296.6	1018.3	771.1	590.8	392.9	270.2	169.6	99.6	61.5	29.6
2.5°	1607.0	1333.2	1052.3	795.0	614.4	409.8	285.3	180.2	105.9	65.8	31.6
0°	1624.0	1359.4	1078.0	813.4	632.3	423.4	298.1	189.4	111.4	69.6	33.4
-2.5°	1639.2	1376.6	1100.5	845.4	644.6	445.8	306.3	197.7	120.2	72.4	36.8
-5°	1644.2	1384.1	1115.2	870.2	652.1	463.9	312.0	204.5	127.9	74.6	39.9
-7.5°	1635.8	1379.6	1120.4	884.2	655.6	476.7	315.4	209.8	134.2	76.4	42.6
-10°	1616.9	1364.6	1113.6	879.9	660.3	480.7	317.3	213.7	138.8	77.7	44.9
-12.5°	1589.0	1342.1	1098.9	870.6	659.5	478.1	322.5	216.7	141.2	78.6	46.6
-15°	1552.4	1312.6	1076.5	856.8	651.6	472.4	323.9	217.9	140.9	80.2	47.6
-17.5°	1509.3	1276.8	1046.5	839.2	636.1	463.7	320.9	216.5	139.5	82.6	48.6
-20°	1466.2	1237.0	1011.0	818.4	612.8	452.5	313.5	212.5	136.9	84.1	49.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1415.6	1191.4	980.2	789.4	587.6	438.9	301.2	205.8	133.3	84.8	50.1
-25°	1357.5	1138.1	943.3	749.6	567.8	423.6	288.6	196.2	128.6	84.6	49.9
-27.5°	1291.8	1081.2	899.7	705.9	547.1	402.2	276.7	189.1	124.5	83.4	49.2
-30°	1218.6	1027.6	847.7	664.0	521.9	379.0	261.1	181.2	122.7	81.8	47.8
-32.5°	1139.6	967.2	791.7	632.0	493.2	355.0	247.3	172.3	119.6	79.8	47.9
-35°	1065.5	901.6	734.7	595.1	462.7	340.7	238.0	162.3	115.3	77.0	48.1
-37.5°	986.1	832.7	689.5	556.6	430.7	324.4	230.5	157.9	109.7	73.5	47.9
-40°	909.8	767.4	637.1	519.9	406.9	306.0	218.8	152.9	104.3	69.2	47.3
-42.5°	832.6	706.0	587.1	479.9	384.6	288.2	203.7	145.3	100.0	66.7	46.2
-45°	761.5	642.5	533.8	445.1	359.7	265.4	192.1	135.8	94.7	64.9	45.2
-47.5°	686.7	578.0	485.1	407.0	327.2	240.7	177.4	128.3	88.3	62.5	44.6
-50°	609.5	516.8	439.6	365.1	287.4	220.0	161.6	119.4	86.0	60.7	43.5
-52.5°	542.0	463.1	393.1	322.1	257.4	195.8	149.7	109.8	83.0	59.1	41.9
-55°	483.9	412.0	347.2	286.8	228.8	178.1	136.1	105.2	79.2	57.2	40.1
-57.5°	432.5	364.7	309.6	255.3	204.9	160.9	126.6	99.8	75.3	54.5	38.4
-60°	382.6	326.9	275.4	227.0	182.6	146.2	119.2	93.5	70.6	51.1	36.5
-62.5°	336.4	287.4	242.6	198.8	162.7	134.1	110.7	86.2	65.0	46.9	34.0
-65°	288.0	246.2	208.3	174.0	144.5	120.0	99.7	78.0	57.7	41.7	30.8
-67.5°	237.6	206.9	177.4	148.7	124.7	104.2	87.0	67.0	49.1	35.8	27.0
-70°	197.9	170.9	145.8	123.4	103.8	87.0	71.1	54.2	39.6	30.7	23.0
-72.5°	157.5	135.5	115.0	97.1	83.1	68.9	54.5	41.5	32.9	25.3	18.8
-75°	116.6	101.7	88.4	75.9	63.3	50.9	41.5	33.0	25.9	19.7	15.9
-77.5°	84.6	73.8	64.0	56.2	47.5	39.2	31.3	24.2	19.6	16.3	13.4
-80°	57.5	51.8	46.4	40.9	33.9	27.3	22.6	18.6	15.8	13.2	10.8
-82.5°	36.2	33.2	30.5	27.7	23.6	20.0	16.8	14.0	11.9	9.9	8.8
-85°	21.5	19.8	18.3	16.7	14.4	12.5	11.5	10.7	9.8	8.9	7.9
-87.5°	12.1	11.9	11.7	11.5	11.0	10.4	10.0	9.5	8.7	7.9	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.1

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REPORT NUMBER: P627020 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.6	4.9	4.2	3.5	2.8	2.8	2.8
87.5°	2.1	2.3	2.6	2.7	2.8	2.8	2.8
85°	1.4	1.9	2.3	2.6	2.8	2.8	2.8
82.5°	0.7	1.5	2.1	2.5	2.8	2.8	2.8
80°	0.1	1.0	1.9	2.5	2.8	2.8	2.8
77.5°	0.9	0.9	1.6	2.4	2.8	2.8	2.8
75°	1.6	1.4	1.5	2.3	2.8	2.8	2.8
72.5°	2.2	1.8	1.8	2.3	2.8	2.8	2.8
70°	2.8	2.2	2.0	2.2	2.8	2.8	2.8
67.5°	2.9	2.6	2.2	2.3	2.8	2.8	2.8
65°	3.0	2.9	2.4	2.4	2.8	2.8	2.8
62.5°	3.1	3.1	2.6	2.5	2.8	2.8	2.8
60°	3.3	3.4	2.8	2.6	2.8	2.8	2.8
57.5°	4.0	3.6	3.1	2.7	2.8	2.8	2.8
55°	4.7	3.9	3.3	2.7	2.9	2.8	2.8
52.5°	5.4	4.3	3.6	2.8	2.9	2.8	2.8
50°	6.1	4.9	4.0	2.8	3.0	2.8	2.8
47.5°	6.7	5.4	4.3	2.9	3.1	2.8	2.8
45°	7.4	6.0	4.6	3.1	3.1	2.8	2.8
42.5°	8.0	6.5	5.0	3.4	3.2	2.8	2.8
40°	8.6	7.0	5.4	3.7	3.3	2.8	2.8
37.5°	9.2	7.5	5.8	4.1	3.4	2.8	2.8
35°	9.8	8.0	6.1	4.5	3.6	2.8	2.8
32.5°	10.4	8.5	6.5	4.8	3.7	2.8	2.8
30°	11.3	8.9	6.9	5.2	3.8	2.8	2.8
27.5°	12.1	9.3	7.3	5.5	4.0	2.8	2.8
25°	12.9	9.7	7.7	5.8	4.1	2.8	2.8
22.5°	13.7	10.1	8.2	6.1	4.3	2.8	2.8
20°	14.5	10.6	8.6	6.4	4.4	2.8	2.8
17.5°	15.3	11.1	8.9	6.7	4.6	2.8	2.8
15°	16.1	11.6	9.3	7.0	4.7	2.8	2.8
12.5°	16.8	12.0	9.7	7.3	4.9	2.8	2.8
10°	17.5	12.5	10.0	7.5	5.0	2.8	2.8
7.5°	18.1	12.9	10.3	7.8	5.2	2.8	2.8
5°	18.6	13.2	10.6	8.0	5.3	2.8	2.8
2.5°	19.1	13.6	10.9	8.2	5.5	2.8	2.8
0°	19.5	13.9	11.1	8.4	5.6	2.8	2.8
-2.5°	20.6	14.2	11.3	8.4	5.6	2.8	2.8
-5°	21.6	14.5	11.5	8.4	5.6	2.8	2.8
-7.5°	22.5	14.7	11.7	8.3	5.6	2.8	2.8
-10°	23.2	14.9	11.9	8.3	5.5	2.8	2.8
-12.5°	23.7	15.1	11.9	8.2	5.5	2.8	2.8
-15°	24.1	15.3	12.0	8.1	5.4	2.8	2.8
-17.5°	24.2	15.4	12.0	8.0	5.3	2.8	2.8
-20°	24.8	15.5	11.9	7.9	5.3	2.8	2.8

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.4	15.5	11.8	7.8	5.2	2.8	2.8
-25°	27.7	16.6	11.6	7.6	5.1	2.8	2.8
-27.5°	28.7	17.9	11.3	7.4	5.0	2.8	2.8
-30°	29.4	19.0	11.0	7.3	4.8	2.8	2.8
-32.5°	29.8	19.9	11.4	7.1	4.7	2.8	2.8
-35°	30.6	20.6	11.7	6.9	4.6	2.8	2.8
-37.5°	31.4	21.1	11.9	6.7	4.4	2.8	2.8
-40°	31.9	21.3	12.0	6.4	4.3	2.8	2.8
-42.5°	32.0	21.3	12.1	6.3	4.1	2.8	2.8
-45°	31.9	21.1	12.2	6.3	4.0	2.8	2.8
-47.5°	31.4	20.8	12.1	6.3	3.8	2.8	2.8
-50°	30.7	20.3	11.9	6.2	3.6	2.8	2.8
-52.5°	29.9	19.7	11.5	6.1	3.4	2.8	2.8
-55°	28.8	18.9	11.0	5.9	3.2	2.8	2.8
-57.5°	27.5	17.9	10.4	5.7	3.0	2.8	2.8
-60°	26.0	16.6	9.7	5.4	2.8	2.8	2.8
-62.5°	23.9	15.2	9.1	5.1	2.8	2.8	2.8
-65°	21.5	13.6	8.5	4.8	2.8	2.8	2.8
-67.5°	19.0	12.3	7.9	4.4	2.8	2.8	2.8
-70°	16.1	11.1	7.2	4.0	2.8	2.8	2.8
-72.5°	14.3	9.9	6.4	3.9	2.8	2.8	2.8
-75°	12.4	8.7	5.6	3.9	2.8	2.8	2.8
-77.5°	10.5	7.3	5.3	3.9	2.8	2.8	2.8
-80°	8.5	6.6	5.1	3.8	2.8	2.8	2.8
-82.5°	7.7	6.2	4.9	3.7	2.8	2.8	2.8
-85°	7.0	5.8	4.7	3.7	2.8	2.8	2.8
-87.5°	6.3	5.4	4.4	3.6	2.8	2.8	2.8
-90°	2.8	2.8	2.8	2.8	2.8	2.8	2.8

(END OF REPORT)