

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: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626781 (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-SA1E-727-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N16
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

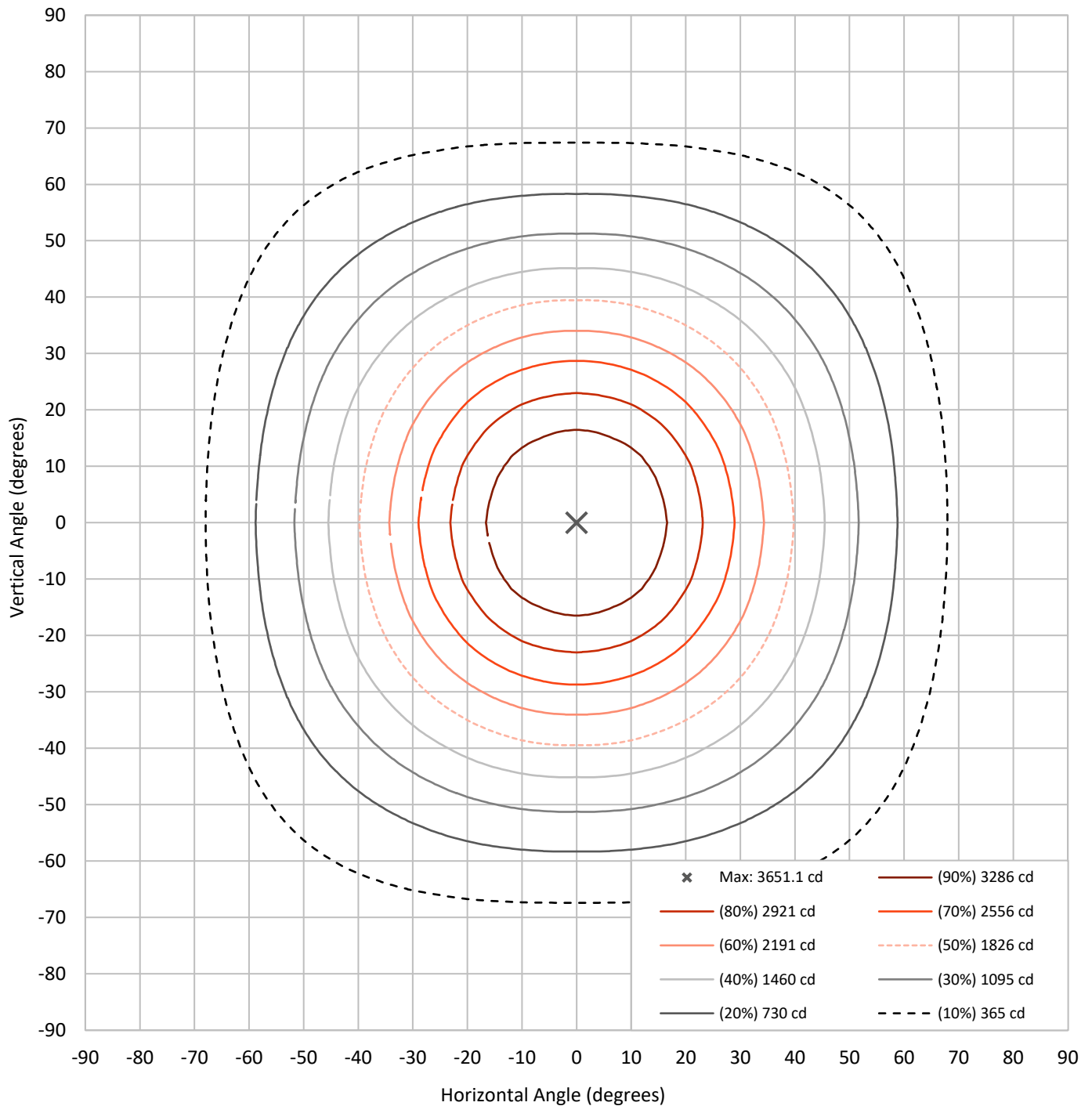
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	6599 lumens	Max Intensity:	3651.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.7 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:	3870.4 lumens	Field Lumens:	6291 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	66.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



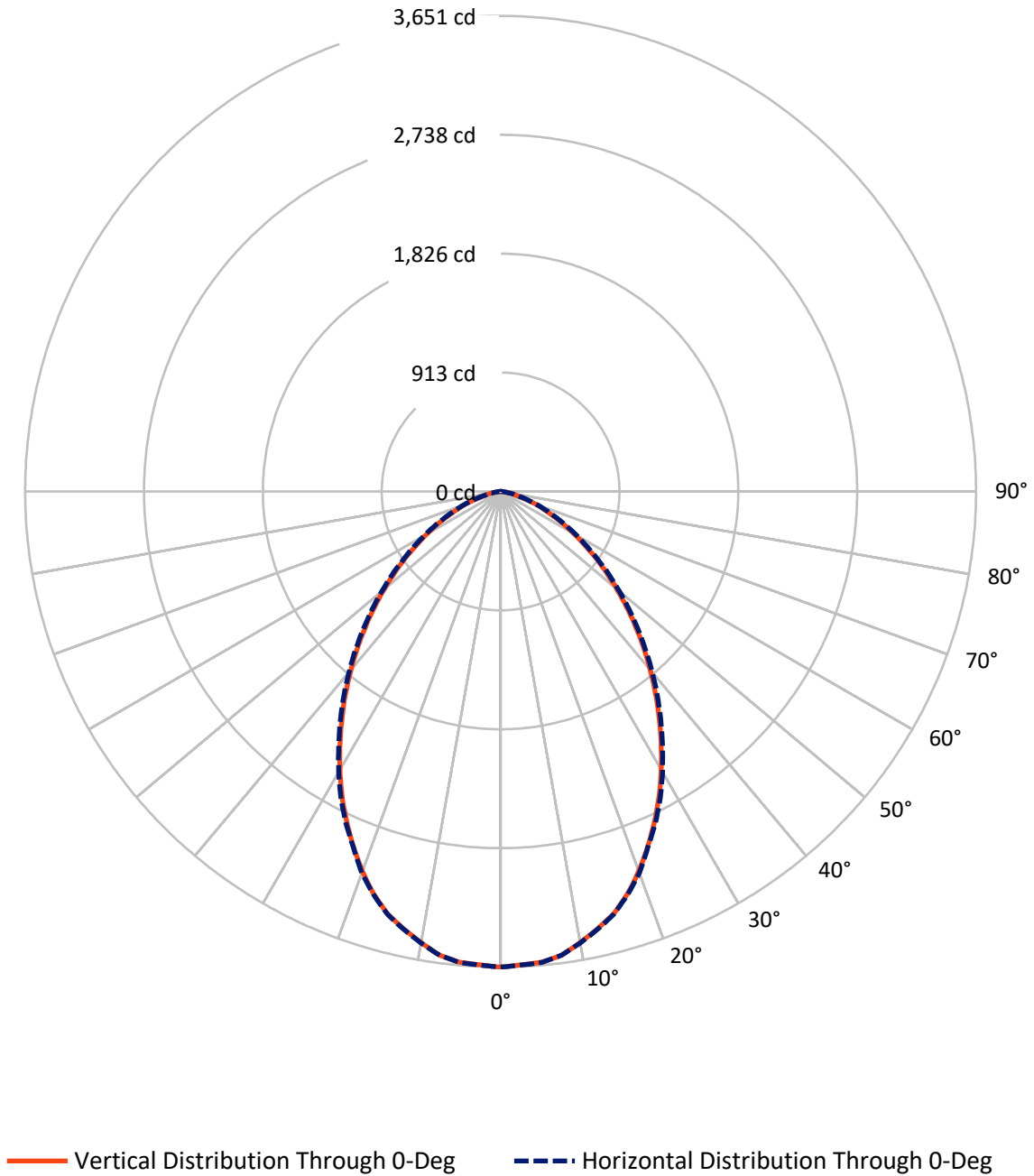
REPORT NUMBER: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-727-U-VWR-XX

Iso-Candela Plot



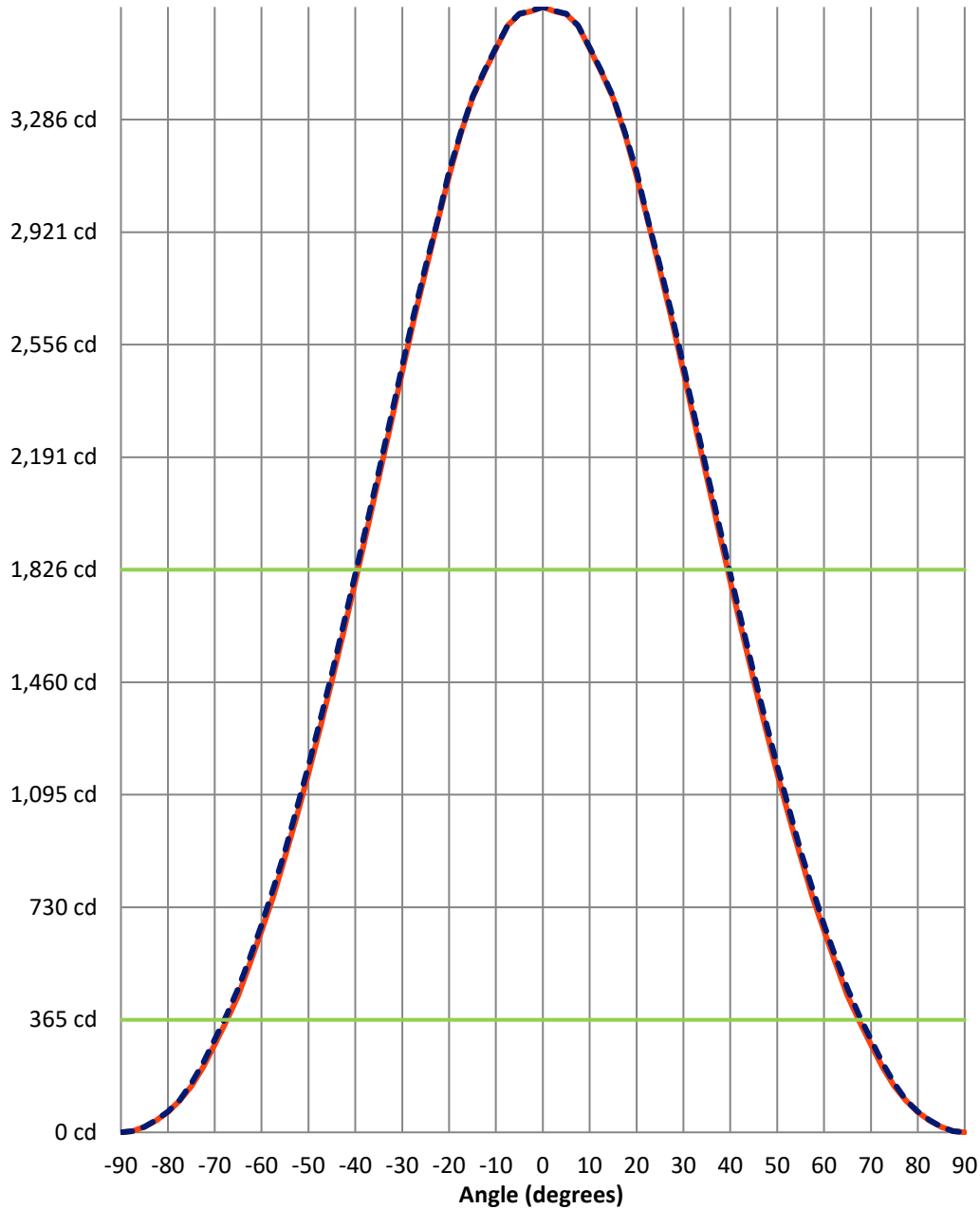
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 3870.4
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 6291
 Efficiency: 95.3%

Spill:
 Lumens: 308
 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	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.4	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.6	1.4	2.1	2.9	3.6	4.3	4.9	6.2	9.7	13.1
80°	0.0	0.8	1.9	2.9	3.8	4.7	6.4	11.4	16.2	20.7	25.1
77.5°	0.0	1.0	2.4	3.6	4.7	7.4	13.9	20.2	26.1	31.7	38.7
75°	0.0	1.2	2.8	4.3	6.2	12.8	21.2	28.9	36.3	46.4	57.2
72.5°	0.0	1.4	3.3	4.9	9.8	18.1	28.4	38.3	49.9	62.2	75.3
70°	0.0	1.6	3.7	5.9	13.3	23.1	35.5	49.6	63.2	77.7	94.7
67.5°	0.0	1.8	4.1	8.1	16.7	27.9	44.0	60.6	76.2	94.6	114.0
65°	0.0	2.0	4.5	10.2	20.0	33.4	52.1	71.3	90.3	110.9	132.1
62.5°	0.0	2.2	4.9	12.2	23.0	39.3	59.9	82.5	103.9	126.5	148.3
60°	0.0	2.4	5.3	14.1	25.9	44.9	67.2	93.6	117.0	141.2	164.3
57.5°	0.0	2.5	6.4	15.9	29.8	50.2	74.8	104.0	129.9	155.5	179.4
55°	0.0	2.7	7.4	17.5	33.4	55.1	82.1	112.9	142.6	169.4	193.9
52.5°	0.0	2.8	8.4	19.0	36.8	59.8	88.8	122.2	155.0	182.2	208.1
50°	0.0	3.0	9.4	20.4	40.0	64.7	95.0	131.0	166.7	194.6	224.3
47.5°	0.0	3.1	10.3	21.9	42.8	69.2	100.8	139.2	177.4	206.6	240.2
45°	0.0	3.2	11.1	23.8	45.4	73.3	107.2	146.8	185.8	220.2	255.4
42.5°	0.0	3.4	12.0	25.5	47.7	76.9	113.1	153.8	193.7	233.2	273.3
40°	0.0	3.5	12.7	27.3	50.0	80.1	118.5	160.4	202.0	245.3	290.7
37.5°	0.0	3.6	13.4	29.0	52.3	82.8	123.3	166.6	211.2	256.9	307.1
35°	0.0	3.7	14.1	30.6	54.2	85.9	127.5	172.5	220.2	270.2	323.6
32.5°	0.0	3.8	14.7	32.1	55.8	89.1	131.4	178.0	229.0	283.0	341.0
30°	0.0	3.9	15.3	33.5	57.1	91.7	135.5	183.6	237.5	295.2	357.4
27.5°	0.0	3.9	15.8	34.8	59.1	94.0	139.2	190.0	246.2	306.8	372.5
25°	0.0	4.0	16.3	35.9	60.9	95.7	142.4	195.9	255.3	318.6	386.5
22.5°	0.0	4.0	16.7	36.9	62.5	97.5	145.1	201.4	263.6	329.8	401.4
20°	0.0	4.1	17.0	37.7	63.9	99.9	147.4	206.3	271.2	339.8	414.8
17.5°	0.0	4.1	17.3	38.4	65.1	101.9	150.2	210.6	277.9	348.6	426.6
15°	0.0	4.1	17.5	39.0	66.1	103.4	153.2	214.7	283.8	356.1	436.7
12.5°	0.0	4.2	17.7	39.4	66.8	104.6	155.6	218.5	289.1	362.3	445.2
10°	0.0	4.2	17.8	39.8	67.3	105.2	157.4	221.5	293.7	368.2	452.4
7.5°	0.0	4.2	17.9	39.9	67.6	105.5	158.6	223.6	297.3	372.9	458.6
5°	0.0	4.1	17.9	40.0	67.6	105.4	159.3	224.8	299.7	376.3	463.0
2.5°	0.0	4.1	17.9	39.9	67.5	104.9	159.3	225.0	301.0	378.4	465.7
0°	0.0	4.1	17.8	39.7	67.1	104.0	158.7	224.4	301.1	379.1	466.6
-2.5°	0.0	4.1	17.9	39.9	67.5	104.9	159.3	225.0	301.0	378.4	465.7
-5°	0.0	4.1	17.9	40.0	67.6	105.4	159.3	224.8	299.7	376.3	463.0
-7.5°	0.0	4.2	17.9	39.9	67.6	105.5	158.6	223.6	297.3	372.9	458.6
-10°	0.0	4.2	17.8	39.8	67.3	105.2	157.4	221.5	293.7	368.2	452.4
-12.5°	0.0	4.2	17.7	39.4	66.8	104.6	155.6	218.5	289.1	362.3	445.2
-15°	0.0	4.1	17.5	39.0	66.1	103.4	153.2	214.7	283.8	356.1	436.7
-17.5°	0.0	4.1	17.3	38.4	65.1	101.9	150.2	210.6	277.9	348.6	426.6
-20°	0.0	4.1	17.0	37.7	63.9	99.9	147.4	206.3	271.2	339.8	414.8

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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	4.0	16.7	36.9	62.5	97.5	145.1	201.4	263.6	329.8	401.4
-25°	0.0	4.0	16.3	35.9	60.9	95.7	142.4	195.9	255.3	318.6	386.5
-27.5°	0.0	3.9	15.8	34.8	59.1	94.0	139.2	190.0	246.2	306.8	372.5
-30°	0.0	3.9	15.3	33.5	57.1	91.7	135.5	183.6	237.5	295.2	357.4
-32.5°	0.0	3.8	14.7	32.1	55.8	89.1	131.4	178.0	229.0	283.0	341.0
-35°	0.0	3.7	14.1	30.6	54.2	85.9	127.5	172.5	220.2	270.2	323.6
-37.5°	0.0	3.6	13.4	29.0	52.3	82.8	123.3	166.6	211.2	256.9	307.1
-40°	0.0	3.5	12.7	27.3	50.0	80.1	118.5	160.4	202.0	245.3	290.7
-42.5°	0.0	3.4	12.0	25.5	47.7	76.9	113.1	153.8	193.7	233.2	273.3
-45°	0.0	3.2	11.1	23.8	45.4	73.3	107.2	146.8	185.8	220.2	255.4
-47.5°	0.0	3.1	10.3	21.9	42.8	69.2	100.8	139.2	177.4	206.6	240.2
-50°	0.0	3.0	9.4	20.4	40.0	64.7	95.0	131.0	166.7	194.6	224.3
-52.5°	0.0	2.8	8.4	19.0	36.8	59.8	88.8	122.2	155.0	182.2	208.1
-55°	0.0	2.7	7.4	17.5	33.4	55.1	82.1	112.9	142.6	169.4	193.9
-57.5°	0.0	2.5	6.4	15.9	29.8	50.2	74.8	104.0	129.9	155.5	179.4
-60°	0.0	2.4	5.3	14.1	25.9	44.9	67.2	93.6	117.0	141.2	164.3
-62.5°	0.0	2.2	4.9	12.2	23.0	39.3	59.9	82.5	103.9	126.5	148.3
-65°	0.0	2.0	4.5	10.2	20.0	33.4	52.1	71.3	90.3	110.9	132.1
-67.5°	0.0	1.8	4.1	8.1	16.7	27.9	44.0	60.6	76.2	94.6	114.0
-70°	0.0	1.6	3.7	5.9	13.3	23.1	35.5	49.6	63.2	77.7	94.7
-72.5°	0.0	1.4	3.3	4.9	9.8	18.1	28.4	38.3	49.9	62.2	75.3
-75°	0.0	1.2	2.8	4.3	6.2	12.8	21.2	28.9	36.3	46.4	57.2
-77.5°	0.0	1.0	2.4	3.6	4.7	7.4	13.9	20.2	26.1	31.7	38.7
-80°	0.0	0.8	1.9	2.9	3.8	4.7	6.4	11.4	16.2	20.7	25.1
-82.5°	0.0	0.6	1.4	2.1	2.9	3.6	4.3	4.9	6.2	9.7	13.1
-85°	0.0	0.4	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-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: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-VWR-XX

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°	2.7	3.1	3.5	3.9	3.9	4.0	3.9	3.9	4.1	4.2	4.4
85°	5.4	6.1	8.5	10.8	11.9	12.6	13.0	12.9	15.0	17.4	20.0
82.5°	16.7	20.1	23.3	26.4	27.3	27.3	27.0	27.1	32.1	37.7	43.5
80°	29.6	34.0	39.8	44.9	47.1	48.3	48.8	48.7	55.0	63.3	72.0
77.5°	47.0	54.4	60.8	66.2	69.1	71.7	73.8	75.4	83.4	93.9	104.3
75°	66.9	74.9	82.9	89.9	94.7	98.4	101.7	107.1	117.6	129.8	140.5
72.5°	87.8	98.0	106.9	114.5	121.3	128.6	136.7	145.6	156.7	168.9	180.0
70°	110.1	121.4	130.7	139.8	149.1	159.9	172.2	184.2	196.5	210.0	223.0
67.5°	131.9	142.8	153.8	165.2	179.2	193.7	208.2	224.7	241.6	256.6	270.0
65°	150.9	163.6	177.4	193.0	210.2	228.7	247.9	267.8	289.2	307.2	323.6
62.5°	169.0	184.3	201.0	220.5	242.4	264.3	288.9	313.7	337.8	359.0	378.6
60°	185.7	204.3	225.4	249.2	274.8	303.9	331.9	360.1	386.6	410.5	435.3
57.5°	202.0	225.3	250.7	279.2	311.6	344.3	377.1	407.5	437.5	466.7	494.7
55°	219.1	247.3	277.5	312.5	349.0	387.7	423.0	456.9	490.0	525.5	559.2
52.5°	238.0	269.5	307.2	346.5	388.7	430.2	469.0	507.7	547.6	587.8	631.7
50°	256.3	295.5	336.9	382.5	428.1	472.6	517.1	561.6	609.5	658.7	708.5
47.5°	277.6	320.5	369.3	418.2	468.1	517.6	567.2	620.9	675.3	732.4	787.4
45°	299.2	347.4	400.0	455.3	509.2	564.0	622.0	681.4	745.2	808.0	874.2
42.5°	319.6	374.1	432.1	491.9	551.8	613.0	676.8	746.2	815.9	888.3	961.1
40°	342.3	399.5	463.5	529.4	594.4	662.2	735.2	810.3	889.1	968.8	1047.8
37.5°	364.1	427.0	494.2	565.1	638.1	712.6	791.9	877.1	962.6	1048.4	1135.5
35°	384.5	453.0	525.9	601.1	678.5	763.3	851.8	942.9	1035.5	1128.2	1222.0
32.5°	405.5	477.6	556.1	636.6	721.9	812.9	909.8	1008.5	1107.1	1206.1	1308.7
30°	426.5	503.3	585.4	670.2	763.5	862.5	966.7	1071.3	1175.6	1284.6	1393.9
27.5°	446.4	527.8	614.1	704.9	803.3	908.6	1019.3	1131.2	1243.8	1359.6	1476.2
25°	464.7	550.9	640.8	738.3	842.6	952.9	1068.2	1185.1	1308.4	1432.4	1554.1
22.5°	482.5	572.2	665.5	769.0	878.2	994.0	1114.1	1237.5	1366.4	1499.5	1625.5
20°	499.7	592.4	689.6	796.9	910.1	1031.1	1155.9	1285.1	1420.3	1556.9	1692.5
17.5°	514.9	610.4	712.0	823.0	940.5	1065.0	1193.4	1326.9	1468.1	1609.8	1753.4
15°	528.2	626.1	731.4	845.7	967.4	1095.7	1228.3	1365.6	1510.4	1658.0	1807.3
12.5°	539.4	639.3	747.7	865.1	990.3	1122.1	1258.3	1400.4	1549.2	1700.8	1854.5
10°	548.6	650.1	760.9	880.9	1008.9	1143.9	1283.0	1429.0	1582.3	1737.3	1894.2
7.5°	556.3	659.2	771.4	893.1	1023.3	1161.0	1302.2	1451.4	1608.7	1765.7	1926.1
5°	562.0	666.4	781.1	903.3	1035.8	1174.3	1316.7	1467.4	1628.0	1785.9	1949.2
2.5°	565.4	671.2	787.6	909.9	1045.6	1184.3	1329.7	1481.5	1642.2	1802.0	1966.5
0°	566.5	673.3	791.0	912.8	1051.0	1189.2	1337.0	1488.9	1649.0	1811.9	1977.4
-2.5°	565.4	671.2	787.6	909.9	1045.6	1184.3	1329.7	1481.5	1642.2	1802.0	1966.5
-5°	562.0	666.4	781.1	903.3	1035.8	1174.3	1316.7	1467.4	1628.0	1785.9	1949.2
-7.5°	556.3	659.2	771.4	893.1	1023.3	1161.0	1302.2	1451.4	1608.7	1765.7	1926.1
-10°	548.6	650.1	760.9	880.9	1008.9	1143.9	1283.0	1429.0	1582.3	1737.3	1894.2
-12.5°	539.4	639.3	747.7	865.1	990.3	1122.1	1258.3	1400.4	1549.2	1700.8	1854.5
-15°	528.2	626.1	731.4	845.7	967.4	1095.7	1228.3	1365.6	1510.4	1658.0	1807.3
-17.5°	514.9	610.4	712.0	823.0	940.5	1065.0	1193.4	1326.9	1468.1	1609.8	1753.4
-20°	499.7	592.4	689.6	796.9	910.1	1031.1	1155.9	1285.1	1420.3	1556.9	1692.5

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	482.5	572.2	665.5	769.0	878.2	994.0	1114.1	1237.5	1366.4	1499.5	1625.5
-25°	464.7	550.9	640.8	738.3	842.6	952.9	1068.2	1185.1	1308.4	1432.4	1554.1
-27.5°	446.4	527.8	614.1	704.9	803.3	908.6	1019.3	1131.2	1243.8	1359.6	1476.2
-30°	426.5	503.3	585.4	670.2	763.5	862.5	966.7	1071.3	1175.6	1284.6	1393.9
-32.5°	405.5	477.6	556.1	636.6	721.9	812.9	909.8	1008.5	1107.1	1206.1	1308.7
-35°	384.5	453.0	525.9	601.1	678.5	763.3	851.8	942.9	1035.5	1128.2	1222.0
-37.5°	364.1	427.0	494.2	565.1	638.1	712.6	791.9	877.1	962.6	1048.4	1135.5
-40°	342.3	399.5	463.5	529.4	594.4	662.2	735.2	810.3	889.1	968.8	1047.8
-42.5°	319.6	374.1	432.1	491.9	551.8	613.0	676.8	746.2	815.9	888.3	961.1
-45°	299.2	347.4	400.0	455.3	509.2	564.0	622.0	681.4	745.2	808.0	874.2
-47.5°	277.6	320.5	369.3	418.2	468.1	517.6	567.2	620.9	675.3	732.4	787.4
-50°	256.3	295.5	336.9	382.5	428.1	472.6	517.1	561.6	609.5	658.7	708.5
-52.5°	238.0	269.5	307.2	346.5	388.7	430.2	469.0	507.7	547.6	587.8	631.7
-55°	219.1	247.3	277.5	312.5	349.0	387.7	423.0	456.9	490.0	525.5	559.2
-57.5°	202.0	225.3	250.7	279.2	311.6	344.3	377.1	407.5	437.5	466.7	494.7
-60°	185.7	204.3	225.4	249.2	274.8	303.9	331.9	360.1	386.6	410.5	435.3
-62.5°	169.0	184.3	201.0	220.5	242.4	264.3	288.9	313.7	337.8	359.0	378.6
-65°	150.9	163.6	177.4	193.0	210.2	228.7	247.9	267.8	289.2	307.2	323.6
-67.5°	131.9	142.8	153.8	165.2	179.2	193.7	208.2	224.7	241.6	256.6	270.0
-70°	110.1	121.4	130.7	139.8	149.1	159.9	172.2	184.2	196.5	210.0	223.0
-72.5°	87.8	98.0	106.9	114.5	121.3	128.6	136.7	145.6	156.7	168.9	180.0
-75°	66.9	74.9	82.9	89.9	94.7	98.4	101.7	107.1	117.6	129.8	140.5
-77.5°	47.0	54.4	60.8	66.2	69.1	71.7	73.8	75.4	83.4	93.9	104.3
-80°	29.6	34.0	39.8	44.9	47.1	48.3	48.8	48.7	55.0	63.3	72.0
-82.5°	16.7	20.1	23.3	26.4	27.3	27.3	27.0	27.1	32.1	37.7	43.5
-85°	5.4	6.1	8.5	10.8	11.9	12.6	13.0	12.9	15.0	17.4	20.0
-87.5°	2.7	3.1	3.5	3.9	3.9	4.0	3.9	3.9	4.1	4.2	4.4
-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: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.0	4.7
85°	22.8	24.5	26.0	27.4	28.8	30.1	31.3	32.5	33.5	30.6	27.4
82.5°	49.3	53.3	57.1	60.8	64.5	65.5	65.8	65.6	65.1	60.0	54.4
80°	80.6	87.3	93.6	99.9	106.0	106.7	106.0	104.8	103.0	96.3	88.7
77.5°	114.6	123.1	130.5	137.3	143.4	144.6	144.4	144.1	143.6	136.7	128.5
75°	149.6	157.8	165.8	172.6	178.3	180.9	182.1	183.0	183.5	178.6	172.2
72.5°	190.1	198.7	205.7	212.3	217.9	221.9	224.8	227.0	228.5	227.0	224.4
70°	234.0	243.2	251.0	258.4	266.0	272.0	276.6	279.9	282.1	283.4	284.4
67.5°	283.5	295.9	306.7	315.9	325.0	333.6	340.6	346.4	350.8	354.6	357.5
65°	339.2	355.1	369.1	382.0	393.8	406.2	416.4	424.9	431.8	437.5	442.1
62.5°	397.9	417.3	435.3	452.7	469.9	486.7	499.7	511.4	521.9	530.9	538.1
60°	458.8	480.8	505.0	528.0	549.3	568.6	587.9	604.6	618.9	630.7	640.3
57.5°	524.2	552.8	581.0	609.6	636.7	662.0	685.8	706.7	724.4	738.9	751.1
55°	595.0	630.6	663.4	699.5	734.5	766.3	794.2	818.8	840.1	857.9	873.1
52.5°	672.7	716.1	758.6	799.8	839.4	876.3	909.8	938.4	963.9	985.7	1003.2
50°	757.8	807.4	856.7	902.4	948.0	990.5	1028.9	1062.2	1091.8	1117.5	1137.7
47.5°	846.8	903.2	958.3	1010.7	1061.1	1108.3	1149.9	1187.8	1224.8	1255.0	1278.8
45°	939.1	1002.5	1063.3	1123.1	1178.6	1231.6	1282.9	1330.1	1368.1	1401.3	1429.2
42.5°	1032.7	1103.4	1171.4	1236.7	1297.8	1359.0	1416.7	1468.3	1511.5	1549.3	1581.0
40°	1127.5	1204.8	1279.8	1351.0	1420.8	1487.5	1549.9	1604.4	1653.2	1698.0	1735.4
37.5°	1221.7	1306.8	1389.9	1469.6	1546.5	1618.8	1686.3	1747.7	1802.8	1853.9	1895.4
35°	1316.4	1409.7	1500.7	1588.5	1672.4	1752.2	1826.0	1896.0	1960.9	2012.6	2055.1
32.5°	1410.7	1511.1	1610.0	1706.7	1798.5	1884.6	1964.6	2041.9	2108.7	2165.5	2214.3
30°	1502.0	1610.7	1718.5	1823.3	1922.5	2015.7	2104.3	2186.1	2257.8	2320.0	2374.8
27.5°	1591.5	1708.3	1824.0	1935.9	2043.2	2144.5	2241.2	2329.9	2408.2	2475.8	2533.5
25°	1676.1	1801.7	1924.9	2043.6	2158.2	2270.0	2374.4	2471.2	2554.8	2629.0	2688.4
22.5°	1757.0	1890.9	2020.4	2145.3	2267.9	2388.3	2502.6	2603.6	2692.3	2769.9	2835.6
20°	1832.3	1975.8	2108.3	2240.4	2369.5	2498.1	2620.8	2727.4	2821.3	2903.8	2976.2
17.5°	1902.8	2049.9	2189.5	2330.1	2466.1	2601.0	2725.7	2840.0	2941.2	3028.9	3104.7
15°	1962.4	2111.0	2263.4	2413.5	2557.0	2693.6	2818.2	2937.5	3049.9	3144.8	3221.6
12.5°	2010.7	2165.2	2324.2	2483.5	2635.3	2771.8	2902.2	3023.2	3141.3	3247.8	3318.5
10°	2051.8	2211.0	2375.1	2537.6	2691.4	2835.8	2977.6	3105.5	3221.5	3316.9	3395.8
7.5°	2087.4	2251.4	2418.0	2580.8	2734.1	2883.3	3029.2	3165.1	3282.2	3372.1	3442.4
5°	2113.6	2281.5	2451.4	2615.6	2771.1	2920.7	3067.3	3201.5	3315.9	3407.3	3484.1
2.5°	2132.4	2301.8	2472.9	2637.4	2796.3	2946.3	3096.6	3232.3	3343.0	3426.8	3500.3
0°	2144.4	2314.1	2486.5	2654.8	2810.8	2955.9	3117.4	3244.7	3359.6	3443.1	3519.7
-2.5°	2132.4	2301.8	2472.9	2637.4	2796.3	2946.3	3096.6	3232.3	3343.0	3426.8	3500.3
-5°	2113.6	2281.5	2451.4	2615.6	2771.1	2920.7	3067.3	3201.5	3315.9	3407.3	3484.1
-7.5°	2087.4	2251.4	2418.0	2580.8	2734.1	2883.3	3029.2	3165.1	3282.2	3372.1	3442.4
-10°	2051.8	2211.0	2375.1	2537.6	2691.4	2835.8	2977.6	3105.5	3221.5	3316.9	3395.8
-12.5°	2010.7	2165.2	2324.2	2483.5	2635.3	2771.8	2902.2	3023.2	3141.3	3247.8	3318.5
-15°	1962.4	2111.0	2263.4	2413.5	2557.0	2693.6	2818.2	2937.5	3049.9	3144.8	3221.6
-17.5°	1902.8	2049.9	2189.5	2330.1	2466.1	2601.0	2725.7	2840.0	2941.2	3028.9	3104.7
-20°	1832.3	1975.8	2108.3	2240.4	2369.5	2498.1	2620.8	2727.4	2821.3	2903.8	2976.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1757.0	1890.9	2020.4	2145.3	2267.9	2388.3	2502.6	2603.6	2692.3	2769.9	2835.6
-25°	1676.1	1801.7	1924.9	2043.6	2158.2	2270.0	2374.4	2471.2	2554.8	2629.0	2688.4
-27.5°	1591.5	1708.3	1824.0	1935.9	2043.2	2144.5	2241.2	2329.9	2408.2	2475.8	2533.5
-30°	1502.0	1610.7	1718.5	1823.3	1922.5	2015.7	2104.3	2186.1	2257.8	2320.0	2374.8
-32.5°	1410.7	1511.1	1610.0	1706.7	1798.5	1884.6	1964.6	2041.9	2108.7	2165.5	2214.3
-35°	1316.4	1409.7	1500.7	1588.5	1672.4	1752.2	1826.0	1896.0	1960.9	2012.6	2055.1
-37.5°	1221.7	1306.8	1389.9	1469.6	1546.5	1618.8	1686.3	1747.7	1802.8	1853.9	1895.4
-40°	1127.5	1204.8	1279.8	1351.0	1420.8	1487.5	1549.9	1604.4	1653.2	1698.0	1735.4
-42.5°	1032.7	1103.4	1171.4	1236.7	1297.8	1359.0	1416.7	1468.3	1511.5	1549.3	1581.0
-45°	939.1	1002.5	1063.3	1123.1	1178.6	1231.6	1282.9	1330.1	1368.1	1401.3	1429.2
-47.5°	846.8	903.2	958.3	1010.7	1061.1	1108.3	1149.9	1187.8	1224.8	1255.0	1278.8
-50°	757.8	807.4	856.7	902.4	948.0	990.5	1028.9	1062.2	1091.8	1117.5	1137.7
-52.5°	672.7	716.1	758.6	799.8	839.4	876.3	909.8	938.4	963.9	985.7	1003.2
-55°	595.0	630.6	663.4	699.5	734.5	766.3	794.2	818.8	840.1	857.9	873.1
-57.5°	524.2	552.8	581.0	609.6	636.7	662.0	685.8	706.7	724.4	738.9	751.1
-60°	458.8	480.8	505.0	528.0	549.3	568.6	587.9	604.6	618.9	630.7	640.3
-62.5°	397.9	417.3	435.3	452.7	469.9	486.7	499.7	511.4	521.9	530.9	538.1
-65°	339.2	355.1	369.1	382.0	393.8	406.2	416.4	424.9	431.8	437.5	442.1
-67.5°	283.5	295.9	306.7	315.9	325.0	333.6	340.6	346.4	350.8	354.6	357.5
-70°	234.0	243.2	251.0	258.4	266.0	272.0	276.6	279.9	282.1	283.4	284.4
-72.5°	190.1	198.7	205.7	212.3	217.9	221.9	224.8	227.0	228.5	227.0	224.4
-75°	149.6	157.8	165.8	172.6	178.3	180.9	182.1	183.0	183.5	178.6	172.2
-77.5°	114.6	123.1	130.5	137.3	143.4	144.6	144.4	144.1	143.6	136.7	128.5
-80°	80.6	87.3	93.6	99.9	106.0	106.7	106.0	104.8	103.0	96.3	88.7
-82.5°	49.3	53.3	57.1	60.8	64.5	65.5	65.8	65.6	65.1	60.0	54.4
-85°	22.8	24.5	26.0	27.4	28.8	30.1	31.3	32.5	33.5	30.6	27.4
-87.5°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.0	4.7
-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: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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°	4.4	4.1	4.1	4.1	4.1	4.1	4.4	4.7	5.0	5.3	5.2
85°	24.0	20.4	19.1	17.8	19.1	20.4	24.0	27.4	30.6	33.5	32.5
82.5°	48.4	42.3	40.3	38.3	40.3	42.3	48.4	54.4	60.0	65.1	65.6
80°	80.7	72.3	69.0	65.7	69.0	72.3	80.7	88.7	96.3	103.0	104.8
77.5°	119.7	110.5	106.6	102.6	106.6	110.5	119.7	128.5	136.7	143.6	144.1
75°	165.4	158.2	153.8	149.2	153.8	158.2	165.4	172.2	178.6	183.5	183.0
72.5°	221.4	217.8	214.6	210.7	214.6	217.8	221.4	224.4	227.0	228.5	227.0
70°	284.7	284.2	284.8	284.6	284.8	284.2	284.7	284.4	283.4	282.1	279.9
67.5°	359.0	359.1	360.6	361.3	360.6	359.1	359.0	357.5	354.6	350.8	346.4
65°	444.9	446.0	445.6	443.4	445.6	446.0	444.9	442.1	437.5	431.8	424.9
62.5°	543.2	546.1	547.8	547.4	547.8	546.1	543.2	538.1	530.9	521.9	511.4
60°	647.4	652.1	654.4	654.1	654.4	652.1	647.4	640.3	630.7	618.9	604.6
57.5°	760.1	766.1	767.5	765.0	767.5	766.1	760.1	751.1	738.9	724.4	706.7
55°	884.5	892.1	895.0	893.6	895.0	892.1	884.5	873.1	857.9	840.1	818.8
52.5°	1015.9	1024.1	1027.1	1025.0	1027.1	1024.1	1015.9	1003.2	985.7	963.9	938.4
50°	1152.5	1162.5	1166.5	1164.6	1166.5	1162.5	1152.5	1137.7	1117.5	1091.8	1062.2
47.5°	1297.5	1310.7	1315.8	1312.4	1315.8	1310.7	1297.5	1278.8	1255.0	1224.8	1187.8
45°	1450.0	1463.7	1469.0	1465.6	1469.0	1463.7	1450.0	1429.2	1401.3	1368.1	1330.1
42.5°	1605.3	1623.1	1630.7	1624.4	1630.7	1623.1	1605.3	1581.0	1549.3	1511.5	1468.3
40°	1763.3	1782.7	1791.6	1787.2	1791.6	1782.7	1763.3	1735.4	1698.0	1653.2	1604.4
37.5°	1925.3	1944.6	1954.1	1954.2	1954.1	1944.6	1925.3	1895.4	1853.9	1802.8	1747.7
35°	2088.0	2111.3	2124.5	2123.9	2124.5	2111.3	2088.0	2055.1	2012.6	1960.9	1896.0
32.5°	2252.9	2278.2	2291.7	2293.6	2291.7	2278.2	2252.9	2214.3	2165.5	2108.7	2041.9
30°	2417.6	2445.4	2461.0	2467.4	2461.0	2445.4	2417.6	2374.8	2320.0	2257.8	2186.1
27.5°	2577.3	2611.4	2635.0	2637.1	2635.0	2611.4	2577.3	2533.5	2475.8	2408.2	2329.9
25°	2731.9	2766.7	2790.8	2795.8	2790.8	2766.7	2731.9	2688.4	2629.0	2554.8	2471.2
22.5°	2884.3	2920.6	2943.0	2951.8	2943.0	2920.6	2884.3	2835.6	2769.9	2692.3	2603.6
20°	3029.8	3069.3	3092.9	3102.3	3092.9	3069.3	3029.8	2976.2	2903.8	2821.3	2727.4
17.5°	3161.4	3203.1	3232.3	3240.5	3232.3	3203.1	3161.4	3104.7	3028.9	2941.2	2840.0
15°	3277.3	3316.8	3344.5	3355.5	3344.5	3316.8	3277.3	3221.6	3144.8	3049.9	2937.5
12.5°	3371.6	3406.9	3428.7	3439.0	3428.7	3406.9	3371.6	3318.5	3247.8	3141.3	3023.2
10°	3445.3	3480.7	3501.4	3515.6	3501.4	3480.7	3445.3	3395.8	3316.9	3221.5	3105.5
7.5°	3509.2	3545.5	3570.9	3590.9	3570.9	3545.5	3509.2	3442.4	3372.1	3282.2	3165.1
5°	3544.5	3605.1	3614.3	3627.8	3614.3	3605.1	3544.5	3484.1	3407.3	3315.9	3201.5
2.5°	3571.4	3614.4	3640.2	3637.4	3640.2	3614.4	3571.4	3500.3	3426.8	3343.0	3232.3
0°	3590.9	3629.2	3638.8	3651.1	3638.8	3629.2	3590.9	3519.7	3443.1	3359.6	3244.7
-2.5°	3571.4	3614.4	3640.2	3637.4	3640.2	3614.4	3571.4	3500.3	3426.8	3343.0	3232.3
-5°	3544.5	3605.1	3614.3	3627.8	3614.3	3605.1	3544.5	3484.1	3407.3	3315.9	3201.5
-7.5°	3509.2	3545.5	3570.9	3590.9	3570.9	3545.5	3509.2	3442.4	3372.1	3282.2	3165.1
-10°	3445.3	3480.7	3501.4	3515.6	3501.4	3480.7	3445.3	3395.8	3316.9	3221.5	3105.5
-12.5°	3371.6	3406.9	3428.7	3439.0	3428.7	3406.9	3371.6	3318.5	3247.8	3141.3	3023.2
-15°	3277.3	3316.8	3344.5	3355.5	3344.5	3316.8	3277.3	3221.6	3144.8	3049.9	2937.5
-17.5°	3161.4	3203.1	3232.3	3240.5	3232.3	3203.1	3161.4	3104.7	3028.9	2941.2	2840.0
-20°	3029.8	3069.3	3092.9	3102.3	3092.9	3069.3	3029.8	2976.2	2903.8	2821.3	2727.4



REPORT NUMBER: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	2884.3	2920.6	2943.0	2951.8	2943.0	2920.6	2884.3	2835.6	2769.9	2692.3	2603.6
-25°	2731.9	2766.7	2790.8	2795.8	2790.8	2766.7	2731.9	2688.4	2629.0	2554.8	2471.2
-27.5°	2577.3	2611.4	2635.0	2637.1	2635.0	2611.4	2577.3	2533.5	2475.8	2408.2	2329.9
-30°	2417.6	2445.4	2461.0	2467.4	2461.0	2445.4	2417.6	2374.8	2320.0	2257.8	2186.1
-32.5°	2252.9	2278.2	2291.7	2293.6	2291.7	2278.2	2252.9	2214.3	2165.5	2108.7	2041.9
-35°	2088.0	2111.3	2124.5	2123.9	2124.5	2111.3	2088.0	2055.1	2012.6	1960.9	1896.0
-37.5°	1925.3	1944.6	1954.1	1954.2	1954.1	1944.6	1925.3	1895.4	1853.9	1802.8	1747.7
-40°	1763.3	1782.7	1791.6	1787.2	1791.6	1782.7	1763.3	1735.4	1698.0	1653.2	1604.4
-42.5°	1605.3	1623.1	1630.7	1624.4	1630.7	1623.1	1605.3	1581.0	1549.3	1511.5	1468.3
-45°	1450.0	1463.7	1469.0	1465.6	1469.0	1463.7	1450.0	1429.2	1401.3	1368.1	1330.1
-47.5°	1297.5	1310.7	1315.8	1312.4	1315.8	1310.7	1297.5	1278.8	1255.0	1224.8	1187.8
-50°	1152.5	1162.5	1166.5	1164.6	1166.5	1162.5	1152.5	1137.7	1117.5	1091.8	1062.2
-52.5°	1015.9	1024.1	1027.1	1025.0	1027.1	1024.1	1015.9	1003.2	985.7	963.9	938.4
-55°	884.5	892.1	895.0	893.6	895.0	892.1	884.5	873.1	857.9	840.1	818.8
-57.5°	760.1	766.1	767.5	765.0	767.5	766.1	760.1	751.1	738.9	724.4	706.7
-60°	647.4	652.1	654.4	654.1	654.4	652.1	647.4	640.3	630.7	618.9	604.6
-62.5°	543.2	546.1	547.8	547.4	547.8	546.1	543.2	538.1	530.9	521.9	511.4
-65°	444.9	446.0	445.6	443.4	445.6	446.0	444.9	442.1	437.5	431.8	424.9
-67.5°	359.0	359.1	360.6	361.3	360.6	359.1	359.0	357.5	354.6	350.8	346.4
-70°	284.7	284.2	284.8	284.6	284.8	284.2	284.7	284.4	283.4	282.1	279.9
-72.5°	221.4	217.8	214.6	210.7	214.6	217.8	221.4	224.4	227.0	228.5	227.0
-75°	165.4	158.2	153.8	149.2	153.8	158.2	165.4	172.2	178.6	183.5	183.0
-77.5°	119.7	110.5	106.6	102.6	106.6	110.5	119.7	128.5	136.7	143.6	144.1
-80°	80.7	72.3	69.0	65.7	69.0	72.3	80.7	88.7	96.3	103.0	104.8
-82.5°	48.4	42.3	40.3	38.3	40.3	42.3	48.4	54.4	60.0	65.1	65.6
-85°	24.0	20.4	19.1	17.8	19.1	20.4	24.0	27.4	30.6	33.5	32.5
-87.5°	4.4	4.1	4.1	4.1	4.1	4.1	4.4	4.7	5.0	5.3	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



REPORT NUMBER: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
85°	31.3	30.1	28.8	27.4	26.0	24.5	22.8	20.0	17.4	15.0	12.9
82.5°	65.8	65.5	64.5	60.8	57.1	53.3	49.3	43.5	37.7	32.1	27.1
80°	106.0	106.7	106.0	99.9	93.6	87.3	80.6	72.0	63.3	55.0	48.7
77.5°	144.4	144.6	143.4	137.3	130.5	123.1	114.6	104.3	93.9	83.4	75.4
75°	182.1	180.9	178.3	172.6	165.8	157.8	149.6	140.5	129.8	117.6	107.1
72.5°	224.8	221.9	217.9	212.3	205.7	198.7	190.1	180.0	168.9	156.7	145.6
70°	276.6	272.0	266.0	258.4	251.0	243.2	234.0	223.0	210.0	196.5	184.2
67.5°	340.6	333.6	325.0	315.9	306.7	295.9	283.5	270.0	256.6	241.6	224.7
65°	416.4	406.2	393.8	382.0	369.1	355.1	339.2	323.6	307.2	289.2	267.8
62.5°	499.7	486.7	469.9	452.7	435.3	417.3	397.9	378.6	359.0	337.8	313.7
60°	587.9	568.6	549.3	528.0	505.0	480.8	458.8	435.3	410.5	386.6	360.1
57.5°	685.8	662.0	636.7	609.6	581.0	552.8	524.2	494.7	466.7	437.5	407.5
55°	794.2	766.3	734.5	699.5	663.4	630.6	595.0	559.2	525.5	490.0	456.9
52.5°	909.8	876.3	839.4	799.8	758.6	716.1	672.7	631.7	587.8	547.6	507.7
50°	1028.9	990.5	948.0	902.4	856.7	807.4	757.8	708.5	658.7	609.5	561.6
47.5°	1149.9	1108.3	1061.1	1010.7	958.3	903.2	846.8	787.4	732.4	675.3	620.9
45°	1282.9	1231.6	1178.6	1123.1	1063.3	1002.5	939.1	874.2	808.0	745.2	681.4
42.5°	1416.7	1359.0	1297.8	1236.7	1171.4	1103.4	1032.7	961.1	888.3	815.9	746.2
40°	1549.9	1487.5	1420.8	1351.0	1279.8	1204.8	1127.5	1047.8	968.8	889.1	810.3
37.5°	1686.3	1618.8	1546.5	1469.6	1389.9	1306.8	1221.7	1135.5	1048.4	962.6	877.1
35°	1826.0	1752.2	1672.4	1588.5	1500.7	1409.7	1316.4	1222.0	1128.2	1035.5	942.9
32.5°	1964.6	1884.6	1798.5	1706.7	1610.0	1511.1	1410.7	1308.7	1206.1	1107.1	1008.5
30°	2104.3	2015.7	1922.5	1823.3	1718.5	1610.7	1502.0	1393.9	1284.6	1175.6	1071.3
27.5°	2241.2	2144.5	2043.2	1935.9	1824.0	1708.3	1591.5	1476.2	1359.6	1243.8	1131.2
25°	2374.4	2270.0	2158.2	2043.6	1924.9	1801.7	1676.1	1554.1	1432.4	1308.4	1185.1
22.5°	2502.6	2388.3	2267.9	2145.3	2020.4	1890.9	1757.0	1625.5	1499.5	1366.4	1237.5
20°	2620.8	2498.1	2369.5	2240.4	2108.3	1975.8	1832.3	1692.5	1556.9	1420.3	1285.1
17.5°	2725.7	2601.0	2466.1	2330.1	2189.5	2049.9	1902.8	1753.4	1609.8	1468.1	1326.9
15°	2818.2	2693.6	2557.0	2413.5	2263.4	2111.0	1962.4	1807.3	1658.0	1510.4	1365.6
12.5°	2902.2	2771.8	2635.3	2483.5	2324.2	2165.2	2010.7	1854.5	1700.8	1549.2	1400.4
10°	2977.6	2835.8	2691.4	2537.6	2375.1	2211.0	2051.8	1894.2	1737.3	1582.3	1429.0
7.5°	3029.2	2883.3	2734.1	2580.8	2418.0	2251.4	2087.4	1926.1	1765.7	1608.7	1451.4
5°	3067.3	2920.7	2771.1	2615.6	2451.4	2281.5	2113.6	1949.2	1785.9	1628.0	1467.4
2.5°	3096.6	2946.3	2796.3	2637.4	2472.9	2301.8	2132.4	1966.5	1802.0	1642.2	1481.5
0°	3117.4	2955.9	2810.8	2654.8	2486.5	2314.1	2144.4	1977.4	1811.9	1649.0	1488.9
-2.5°	3096.6	2946.3	2796.3	2637.4	2472.9	2301.8	2132.4	1966.5	1802.0	1642.2	1481.5
-5°	3067.3	2920.7	2771.1	2615.6	2451.4	2281.5	2113.6	1949.2	1785.9	1628.0	1467.4
-7.5°	3029.2	2883.3	2734.1	2580.8	2418.0	2251.4	2087.4	1926.1	1765.7	1608.7	1451.4
-10°	2977.6	2835.8	2691.4	2537.6	2375.1	2211.0	2051.8	1894.2	1737.3	1582.3	1429.0
-12.5°	2902.2	2771.8	2635.3	2483.5	2324.2	2165.2	2010.7	1854.5	1700.8	1549.2	1400.4
-15°	2818.2	2693.6	2557.0	2413.5	2263.4	2111.0	1962.4	1807.3	1658.0	1510.4	1365.6
-17.5°	2725.7	2601.0	2466.1	2330.1	2189.5	2049.9	1902.8	1753.4	1609.8	1468.1	1326.9
-20°	2620.8	2498.1	2369.5	2240.4	2108.3	1975.8	1832.3	1692.5	1556.9	1420.3	1285.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2502.6	2388.3	2267.9	2145.3	2020.4	1890.9	1757.0	1625.5	1499.5	1366.4	1237.5
-25°	2374.4	2270.0	2158.2	2043.6	1924.9	1801.7	1676.1	1554.1	1432.4	1308.4	1185.1
-27.5°	2241.2	2144.5	2043.2	1935.9	1824.0	1708.3	1591.5	1476.2	1359.6	1243.8	1131.2
-30°	2104.3	2015.7	1922.5	1823.3	1718.5	1610.7	1502.0	1393.9	1284.6	1175.6	1071.3
-32.5°	1964.6	1884.6	1798.5	1706.7	1610.0	1511.1	1410.7	1308.7	1206.1	1107.1	1008.5
-35°	1826.0	1752.2	1672.4	1588.5	1500.7	1409.7	1316.4	1222.0	1128.2	1035.5	942.9
-37.5°	1686.3	1618.8	1546.5	1469.6	1389.9	1306.8	1221.7	1135.5	1048.4	962.6	877.1
-40°	1549.9	1487.5	1420.8	1351.0	1279.8	1204.8	1127.5	1047.8	968.8	889.1	810.3
-42.5°	1416.7	1359.0	1297.8	1236.7	1171.4	1103.4	1032.7	961.1	888.3	815.9	746.2
-45°	1282.9	1231.6	1178.6	1123.1	1063.3	1002.5	939.1	874.2	808.0	745.2	681.4
-47.5°	1149.9	1108.3	1061.1	1010.7	958.3	903.2	846.8	787.4	732.4	675.3	620.9
-50°	1028.9	990.5	948.0	902.4	856.7	807.4	757.8	708.5	658.7	609.5	561.6
-52.5°	909.8	876.3	839.4	799.8	758.6	716.1	672.7	631.7	587.8	547.6	507.7
-55°	794.2	766.3	734.5	699.5	663.4	630.6	595.0	559.2	525.5	490.0	456.9
-57.5°	685.8	662.0	636.7	609.6	581.0	552.8	524.2	494.7	466.7	437.5	407.5
-60°	587.9	568.6	549.3	528.0	505.0	480.8	458.8	435.3	410.5	386.6	360.1
-62.5°	499.7	486.7	469.9	452.7	435.3	417.3	397.9	378.6	359.0	337.8	313.7
-65°	416.4	406.2	393.8	382.0	369.1	355.1	339.2	323.6	307.2	289.2	267.8
-67.5°	340.6	333.6	325.0	315.9	306.7	295.9	283.5	270.0	256.6	241.6	224.7
-70°	276.6	272.0	266.0	258.4	251.0	243.2	234.0	223.0	210.0	196.5	184.2
-72.5°	224.8	221.9	217.9	212.3	205.7	198.7	190.1	180.0	168.9	156.7	145.6
-75°	182.1	180.9	178.3	172.6	165.8	157.8	149.6	140.5	129.8	117.6	107.1
-77.5°	144.4	144.6	143.4	137.3	130.5	123.1	114.6	104.3	93.9	83.4	75.4
-80°	106.0	106.7	106.0	99.9	93.6	87.3	80.6	72.0	63.3	55.0	48.7
-82.5°	65.8	65.5	64.5	60.8	57.1	53.3	49.3	43.5	37.7	32.1	27.1
-85°	31.3	30.1	28.8	27.4	26.0	24.5	22.8	20.0	17.4	15.0	12.9
-87.5°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	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: P626781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	3.9	4.0	3.9	3.9	3.5	3.1	2.7	2.3	2.1	1.9	1.7
85°	13.0	12.6	11.9	10.8	8.5	6.1	5.4	4.6	4.2	3.8	3.3
82.5°	27.0	27.3	27.3	26.4	23.3	20.1	16.7	13.1	9.7	6.2	4.9
80°	48.8	48.3	47.1	44.9	39.8	34.0	29.6	25.1	20.7	16.2	11.4
77.5°	73.8	71.7	69.1	66.2	60.8	54.4	47.0	38.7	31.7	26.1	20.2
75°	101.7	98.4	94.7	89.9	82.9	74.9	66.9	57.2	46.4	36.3	28.9
72.5°	136.7	128.6	121.3	114.5	106.9	98.0	87.8	75.3	62.2	49.9	38.3
70°	172.2	159.9	149.1	139.8	130.7	121.4	110.1	94.7	77.7	63.2	49.6
67.5°	208.2	193.7	179.2	165.2	153.8	142.8	131.9	114.0	94.6	76.2	60.6
65°	247.9	228.7	210.2	193.0	177.4	163.6	150.9	132.1	110.9	90.3	71.3
62.5°	288.9	264.3	242.4	220.5	201.0	184.3	169.0	148.3	126.5	103.9	82.5
60°	331.9	303.9	274.8	249.2	225.4	204.3	185.7	164.3	141.2	117.0	93.6
57.5°	377.1	344.3	311.6	279.2	250.7	225.3	202.0	179.4	155.5	129.9	104.0
55°	423.0	387.7	349.0	312.5	277.5	247.3	219.1	193.9	169.4	142.6	112.9
52.5°	469.0	430.2	388.7	346.5	307.2	269.5	238.0	208.1	182.2	155.0	122.2
50°	517.1	472.6	428.1	382.5	336.9	295.5	256.3	224.3	194.6	166.7	131.0
47.5°	567.2	517.6	468.1	418.2	369.3	320.5	277.6	240.2	206.6	177.4	139.2
45°	622.0	564.0	509.2	455.3	400.0	347.4	299.2	255.4	220.2	185.8	146.8
42.5°	676.8	613.0	551.8	491.9	432.1	374.1	319.6	273.3	233.2	193.7	153.8
40°	735.2	662.2	594.4	529.4	463.5	399.5	342.3	290.7	245.3	202.0	160.4
37.5°	791.9	712.6	638.1	565.1	494.2	427.0	364.1	307.1	256.9	211.2	166.6
35°	851.8	763.3	678.5	601.1	525.9	453.0	384.5	323.6	270.2	220.2	172.5
32.5°	909.8	812.9	721.9	636.6	556.1	477.6	405.5	341.0	283.0	229.0	178.0
30°	966.7	862.5	763.5	670.2	585.4	503.3	426.5	357.4	295.2	237.5	183.6
27.5°	1019.3	908.6	803.3	704.9	614.1	527.8	446.4	372.5	306.8	246.2	190.0
25°	1068.2	952.9	842.6	738.3	640.8	550.9	464.7	386.5	318.6	255.3	195.9
22.5°	1114.1	994.0	878.2	769.0	665.5	572.2	482.5	401.4	329.8	263.6	201.4
20°	1155.9	1031.1	910.1	796.9	689.6	592.4	499.7	414.8	339.8	271.2	206.3
17.5°	1193.4	1065.0	940.5	823.0	712.0	610.4	514.9	426.6	348.6	277.9	210.6
15°	1228.3	1095.7	967.4	845.7	731.4	626.1	528.2	436.7	356.1	283.8	214.7
12.5°	1258.3	1122.1	990.3	865.1	747.7	639.3	539.4	445.2	362.3	289.1	218.5
10°	1283.0	1143.9	1008.9	880.9	760.9	650.1	548.6	452.4	368.2	293.7	221.5
7.5°	1302.2	1161.0	1023.3	893.1	771.4	659.2	556.3	458.6	372.9	297.3	223.6
5°	1316.7	1174.3	1035.8	903.3	781.1	666.4	562.0	463.0	376.3	299.7	224.8
2.5°	1329.7	1184.3	1045.6	909.9	787.6	671.2	565.4	465.7	378.4	301.0	225.0
0°	1337.0	1189.2	1051.0	912.8	791.0	673.3	566.5	466.6	379.1	301.1	224.4
-2.5°	1329.7	1184.3	1045.6	909.9	787.6	671.2	565.4	465.7	378.4	301.0	225.0
-5°	1316.7	1174.3	1035.8	903.3	781.1	666.4	562.0	463.0	376.3	299.7	224.8
-7.5°	1302.2	1161.0	1023.3	893.1	771.4	659.2	556.3	458.6	372.9	297.3	223.6
-10°	1283.0	1143.9	1008.9	880.9	760.9	650.1	548.6	452.4	368.2	293.7	221.5
-12.5°	1258.3	1122.1	990.3	865.1	747.7	639.3	539.4	445.2	362.3	289.1	218.5
-15°	1228.3	1095.7	967.4	845.7	731.4	626.1	528.2	436.7	356.1	283.8	214.7
-17.5°	1193.4	1065.0	940.5	823.0	712.0	610.4	514.9	426.6	348.6	277.9	210.6
-20°	1155.9	1031.1	910.1	796.9	689.6	592.4	499.7	414.8	339.8	271.2	206.3



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CATALOG NUMBER: GFLD-SA1E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1114.1	994.0	878.2	769.0	665.5	572.2	482.5	401.4	329.8	263.6	201.4
-25°	1068.2	952.9	842.6	738.3	640.8	550.9	464.7	386.5	318.6	255.3	195.9
-27.5°	1019.3	908.6	803.3	704.9	614.1	527.8	446.4	372.5	306.8	246.2	190.0
-30°	966.7	862.5	763.5	670.2	585.4	503.3	426.5	357.4	295.2	237.5	183.6
-32.5°	909.8	812.9	721.9	636.6	556.1	477.6	405.5	341.0	283.0	229.0	178.0
-35°	851.8	763.3	678.5	601.1	525.9	453.0	384.5	323.6	270.2	220.2	172.5
-37.5°	791.9	712.6	638.1	565.1	494.2	427.0	364.1	307.1	256.9	211.2	166.6
-40°	735.2	662.2	594.4	529.4	463.5	399.5	342.3	290.7	245.3	202.0	160.4
-42.5°	676.8	613.0	551.8	491.9	432.1	374.1	319.6	273.3	233.2	193.7	153.8
-45°	622.0	564.0	509.2	455.3	400.0	347.4	299.2	255.4	220.2	185.8	146.8
-47.5°	567.2	517.6	468.1	418.2	369.3	320.5	277.6	240.2	206.6	177.4	139.2
-50°	517.1	472.6	428.1	382.5	336.9	295.5	256.3	224.3	194.6	166.7	131.0
-52.5°	469.0	430.2	388.7	346.5	307.2	269.5	238.0	208.1	182.2	155.0	122.2
-55°	423.0	387.7	349.0	312.5	277.5	247.3	219.1	193.9	169.4	142.6	112.9
-57.5°	377.1	344.3	311.6	279.2	250.7	225.3	202.0	179.4	155.5	129.9	104.0
-60°	331.9	303.9	274.8	249.2	225.4	204.3	185.7	164.3	141.2	117.0	93.6
-62.5°	288.9	264.3	242.4	220.5	201.0	184.3	169.0	148.3	126.5	103.9	82.5
-65°	247.9	228.7	210.2	193.0	177.4	163.6	150.9	132.1	110.9	90.3	71.3
-67.5°	208.2	193.7	179.2	165.2	153.8	142.8	131.9	114.0	94.6	76.2	60.6
-70°	172.2	159.9	149.1	139.8	130.7	121.4	110.1	94.7	77.7	63.2	49.6
-72.5°	136.7	128.6	121.3	114.5	106.9	98.0	87.8	75.3	62.2	49.9	38.3
-75°	101.7	98.4	94.7	89.9	82.9	74.9	66.9	57.2	46.4	36.3	28.9
-77.5°	73.8	71.7	69.1	66.2	60.8	54.4	47.0	38.7	31.7	26.1	20.2
-80°	48.8	48.3	47.1	44.9	39.8	34.0	29.6	25.1	20.7	16.2	11.4
-82.5°	27.0	27.3	27.3	26.4	23.3	20.1	16.7	13.1	9.7	6.2	4.9
-85°	13.0	12.6	11.9	10.8	8.5	6.1	5.4	4.6	4.2	3.8	3.3
-87.5°	3.9	4.0	3.9	3.9	3.5	3.1	2.7	2.3	2.1	1.9	1.7
-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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.4	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.6	0.0
80°	6.4	4.7	3.8	2.9	1.9	0.8	0.0
77.5°	13.9	7.4	4.7	3.6	2.4	1.0	0.0
75°	21.2	12.8	6.2	4.3	2.8	1.2	0.0
72.5°	28.4	18.1	9.8	4.9	3.3	1.4	0.0
70°	35.5	23.1	13.3	5.9	3.7	1.6	0.0
67.5°	44.0	27.9	16.7	8.1	4.1	1.8	0.0
65°	52.1	33.4	20.0	10.2	4.5	2.0	0.0
62.5°	59.9	39.3	23.0	12.2	4.9	2.2	0.0
60°	67.2	44.9	25.9	14.1	5.3	2.4	0.0
57.5°	74.8	50.2	29.8	15.9	6.4	2.5	0.0
55°	82.1	55.1	33.4	17.5	7.4	2.7	0.0
52.5°	88.8	59.8	36.8	19.0	8.4	2.8	0.0
50°	95.0	64.7	40.0	20.4	9.4	3.0	0.0
47.5°	100.8	69.2	42.8	21.9	10.3	3.1	0.0
45°	107.2	73.3	45.4	23.8	11.1	3.2	0.0
42.5°	113.1	76.9	47.7	25.5	12.0	3.4	0.0
40°	118.5	80.1	50.0	27.3	12.7	3.5	0.0
37.5°	123.3	82.8	52.3	29.0	13.4	3.6	0.0
35°	127.5	85.9	54.2	30.6	14.1	3.7	0.0
32.5°	131.4	89.1	55.8	32.1	14.7	3.8	0.0
30°	135.5	91.7	57.1	33.5	15.3	3.9	0.0
27.5°	139.2	94.0	59.1	34.8	15.8	3.9	0.0
25°	142.4	95.7	60.9	35.9	16.3	4.0	0.0
22.5°	145.1	97.5	62.5	36.9	16.7	4.0	0.0
20°	147.4	99.9	63.9	37.7	17.0	4.1	0.0
17.5°	150.2	101.9	65.1	38.4	17.3	4.1	0.0
15°	153.2	103.4	66.1	39.0	17.5	4.1	0.0
12.5°	155.6	104.6	66.8	39.4	17.7	4.2	0.0
10°	157.4	105.2	67.3	39.8	17.8	4.2	0.0
7.5°	158.6	105.5	67.6	39.9	17.9	4.2	0.0
5°	159.3	105.4	67.6	40.0	17.9	4.1	0.0
2.5°	159.3	104.9	67.5	39.9	17.9	4.1	0.0
0°	158.7	104.0	67.1	39.7	17.8	4.1	0.0
-2.5°	159.3	104.9	67.5	39.9	17.9	4.1	0.0
-5°	159.3	105.4	67.6	40.0	17.9	4.1	0.0
-7.5°	158.6	105.5	67.6	39.9	17.9	4.2	0.0
-10°	157.4	105.2	67.3	39.8	17.8	4.2	0.0
-12.5°	155.6	104.6	66.8	39.4	17.7	4.2	0.0
-15°	153.2	103.4	66.1	39.0	17.5	4.1	0.0
-17.5°	150.2	101.9	65.1	38.4	17.3	4.1	0.0
-20°	147.4	99.9	63.9	37.7	17.0	4.1	0.0

Classified

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

Scaled Data Report



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CATALOG NUMBER: GFLD-SA1E-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.1	97.5	62.5	36.9	16.7	4.0	0.0
-25°	142.4	95.7	60.9	35.9	16.3	4.0	0.0
-27.5°	139.2	94.0	59.1	34.8	15.8	3.9	0.0
-30°	135.5	91.7	57.1	33.5	15.3	3.9	0.0
-32.5°	131.4	89.1	55.8	32.1	14.7	3.8	0.0
-35°	127.5	85.9	54.2	30.6	14.1	3.7	0.0
-37.5°	123.3	82.8	52.3	29.0	13.4	3.6	0.0
-40°	118.5	80.1	50.0	27.3	12.7	3.5	0.0
-42.5°	113.1	76.9	47.7	25.5	12.0	3.4	0.0
-45°	107.2	73.3	45.4	23.8	11.1	3.2	0.0
-47.5°	100.8	69.2	42.8	21.9	10.3	3.1	0.0
-50°	95.0	64.7	40.0	20.4	9.4	3.0	0.0
-52.5°	88.8	59.8	36.8	19.0	8.4	2.8	0.0
-55°	82.1	55.1	33.4	17.5	7.4	2.7	0.0
-57.5°	74.8	50.2	29.8	15.9	6.4	2.5	0.0
-60°	67.2	44.9	25.9	14.1	5.3	2.4	0.0
-62.5°	59.9	39.3	23.0	12.2	4.9	2.2	0.0
-65°	52.1	33.4	20.0	10.2	4.5	2.0	0.0
-67.5°	44.0	27.9	16.7	8.1	4.1	1.8	0.0
-70°	35.5	23.1	13.3	5.9	3.7	1.6	0.0
-72.5°	28.4	18.1	9.8	4.9	3.3	1.4	0.0
-75°	21.2	12.8	6.2	4.3	2.8	1.2	0.0
-77.5°	13.9	7.4	4.7	3.6	2.4	1.0	0.0
-80°	6.4	4.7	3.8	2.9	1.9	0.8	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.6	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.4	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)