

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: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-722-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N108
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

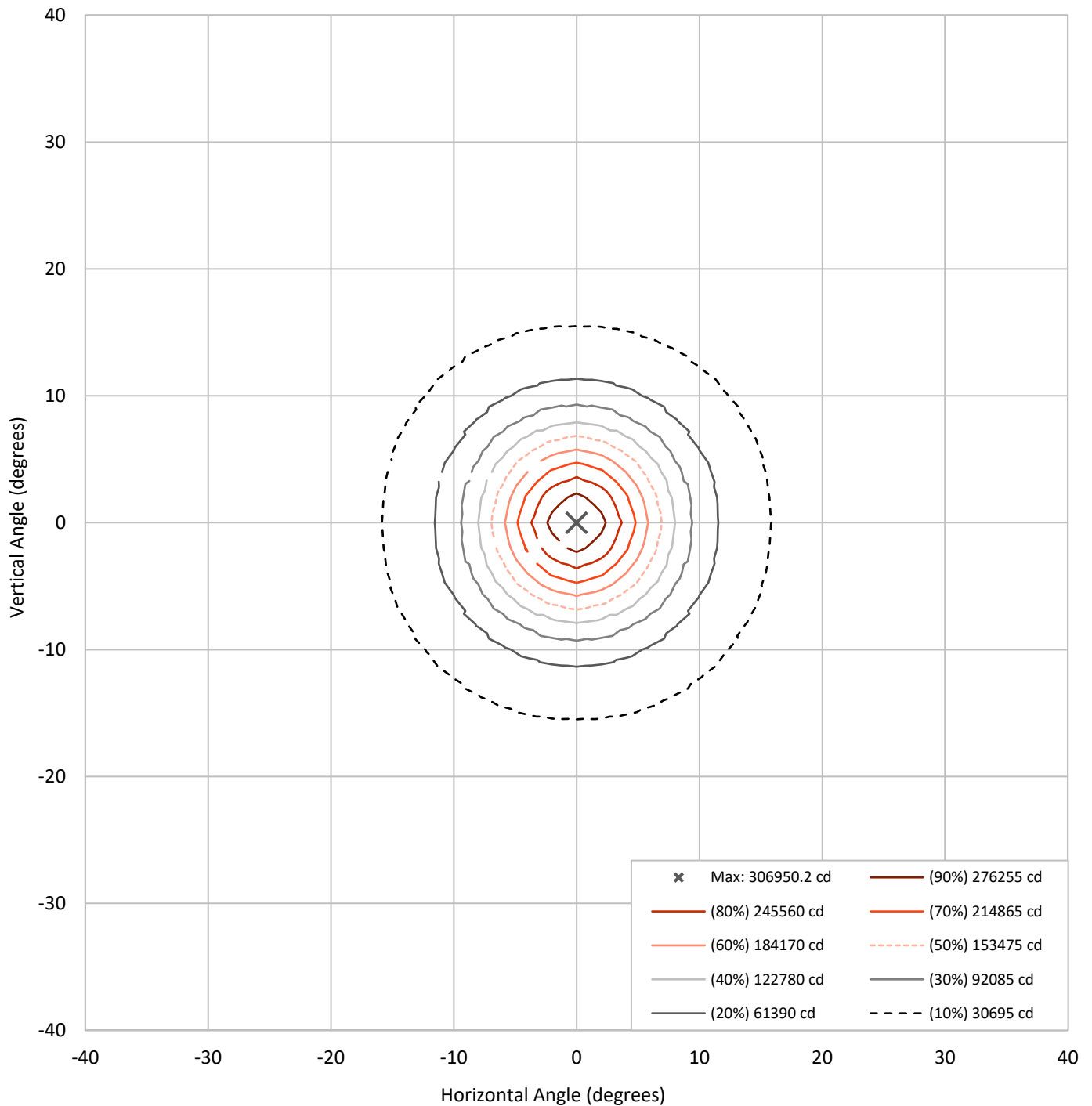
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32593.6 lumens	Max Intensity:	306950.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	9636.5 lumens	Field Lumens:	21686 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	313.7		
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: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





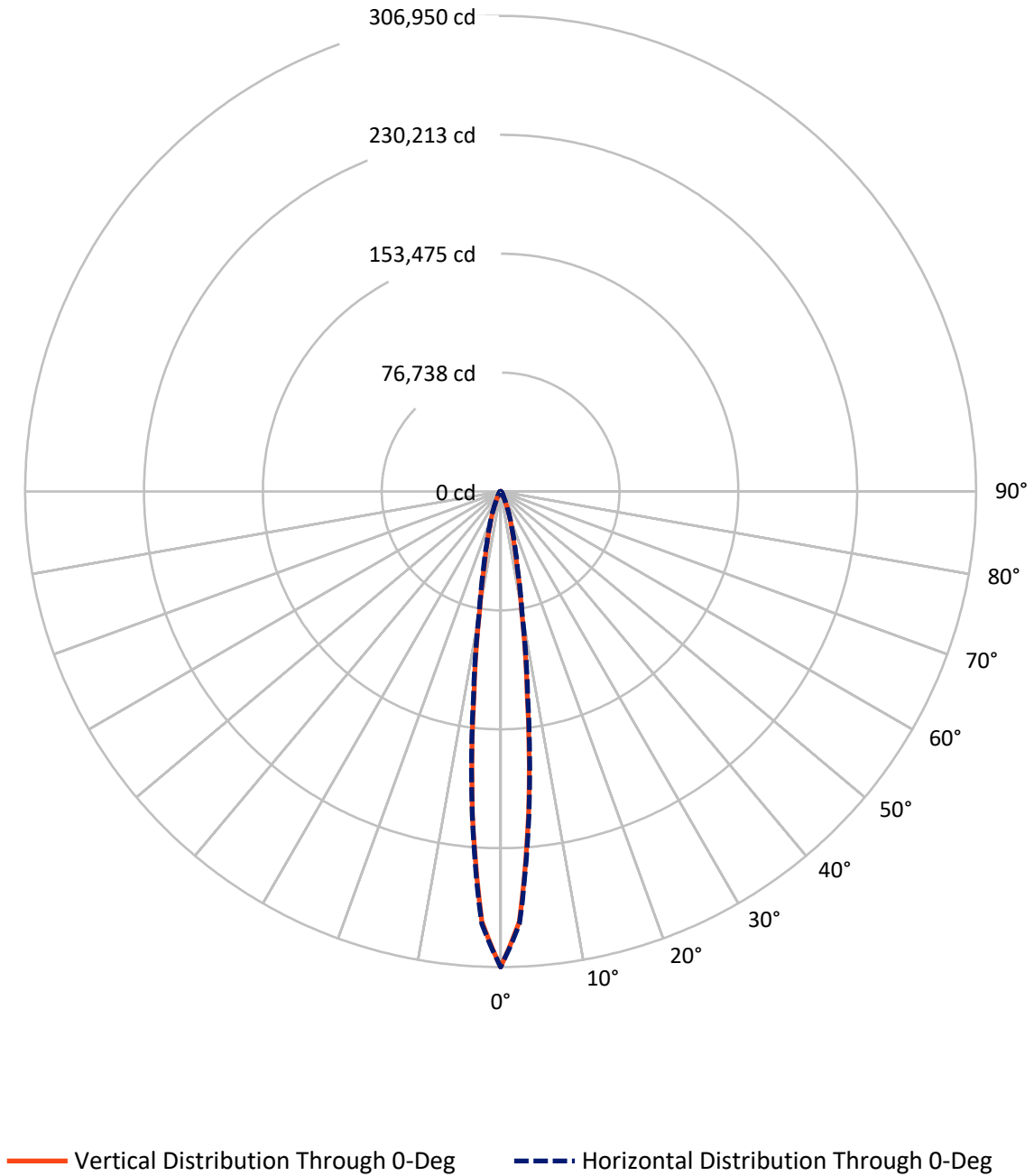
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Lumen Table

90	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							
80	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							
70	2.0	2.3	4.7	7.7	10.9	13.4	15.0	15.7	15.7	15.0	13.4	10.9	7.7	4.7	2.3	2.0
60		3.5	7.1	11.5	15.4	18.8	21.0	21.9	21.9	21.0	18.8	15.4	11.5	7.1	3.5	
50	3.5	4.5	9.2	14.2	18.8	23.7	27.9	30.1	30.1	27.9	23.7	18.8	14.2	9.2	4.5	3.5
40		5.5	10.8	16.3	23.2	33.3	47.0	58.2	58.2	47.0	33.3	23.2	16.3	10.8	5.5	
30	4.6	6.1	11.8	18.4	30.0	59.6	135.6	224.5	224.5	135.6	59.6	30.0	18.4	11.8	6.1	4.6
20		6.6	12.4	20.3	39.8	126.5	449.0	967.1	967.1	449.0	126.5	39.8	20.3	12.4	6.6	
10	5.0	6.8	12.7	21.6	48.1	208.4	976.1	4216.7	4216.7	976.1	208.4	48.1	21.6	12.7	6.8	5.0
0		6.8	12.7	21.6	48.1	208.4	976.1	4216.7	4216.7	976.1	208.4	48.1	21.6	12.7	6.8	
-10	4.6	6.6	12.4	20.3	39.8	126.5	449.0	967.1	967.1	449.0	126.5	39.8	20.3	12.4	6.6	4.6
-20		6.1	11.8	18.4	30.0	59.6	135.6	224.5	224.5	135.6	59.6	30.0	18.4	11.8	6.1	
-30	3.5	5.5	10.8	16.3	23.2	33.3	47.0	58.2	58.2	47.0	33.3	23.2	16.3	10.8	5.5	3.5
-40		4.5	9.2	14.2	18.8	23.7	27.9	30.1	30.1	27.9	23.7	18.8	14.2	9.2	4.5	
-50	2.0	3.5	7.1	11.5	15.4	18.8	21.0	21.9	21.9	21.0	18.8	15.4	11.5	7.1	3.5	2.0
-60		2.3	4.7	7.7	10.9	13.4	15.0	15.7	15.7	15.0	13.4	10.9	7.7	4.7	2.3	
-70	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							
-80		0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6						
-90	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							

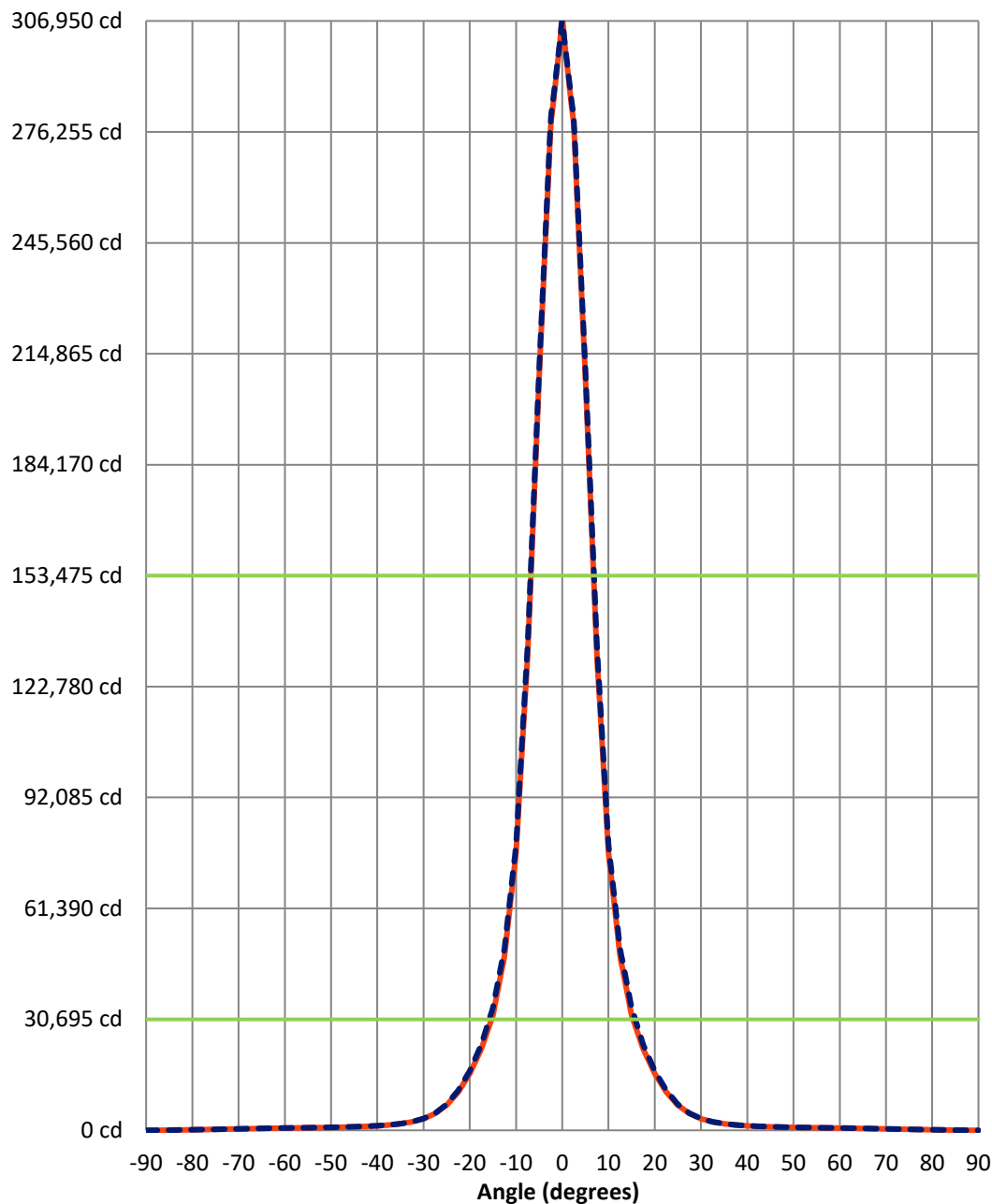
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9636.5
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 21686
 Efficiency: 66.5%

Spill:
 Lumens: 10907.6
 Efficiency: 33.5%

— 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	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
85°	0.0	2.0	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.1	22.2
82.5°	0.0	3.0	6.8	10.3	13.7	17.0	20.4	23.7	27.2	32.0	36.8
80°	0.0	4.0	9.1	13.7	18.2	22.7	27.5	34.1	40.6	47.0	53.3
77.5°	0.0	5.0	11.3	17.0	22.7	29.1	37.5	45.8	53.9	61.9	70.4
75°	0.0	5.9	13.5	20.4	27.4	37.0	47.3	57.3	67.2	78.4	89.3
72.5°	0.0	6.9	15.6	23.7	33.4	44.8	57.0	69.3	82.4	95.4	108.1
70°	0.0	7.8	17.7	27.1	39.3	52.4	66.7	82.4	97.4	112.2	128.9
67.5°	0.0	8.7	19.7	31.3	45.0	59.8	77.7	95.4	112.2	131.2	149.8
65°	0.0	9.6	21.7	35.3	50.6	68.0	88.5	108.1	128.9	149.8	171.8
62.5°	0.0	10.4	23.6	39.3	56.1	76.8	99.0	121.9	145.2	168.9	196.5
60°	0.0	11.3	25.4	43.1	61.4	85.4	109.3	135.9	161.2	190.1	220.5
57.5°	0.0	12.1	27.8	46.9	68.0	93.8	120.7	149.6	178.7	210.7	243.7
55°	0.0	12.8	30.1	50.5	74.5	101.9	131.9	162.6	196.1	230.5	266.0
52.5°	0.0	13.6	32.4	53.9	80.8	110.0	142.8	176.7	212.8	249.5	287.4
50°	0.0	14.3	34.6	57.2	86.9	118.7	153.2	190.6	228.7	267.7	308.0
47.5°	0.0	15.0	36.7	60.6	92.8	127.1	163.5	203.9	244.0	285.0	328.2
45°	0.0	15.6	38.8	64.9	98.4	135.2	174.5	216.7	258.6	302.7	347.9
42.5°	0.0	16.2	40.8	68.9	103.7	142.9	185.0	229.0	272.7	319.9	367.0
40°	0.0	16.7	42.7	72.8	109.2	150.3	194.9	240.6	286.5	336.6	385.6
37.5°	0.0	17.2	44.5	76.6	114.7	157.2	204.4	251.7	300.2	352.1	403.6
35°	0.0	17.7	46.3	80.1	120.0	164.3	213.3	262.1	313.0	366.7	421.0
32.5°	0.0	18.1	47.9	83.5	124.9	171.2	221.7	271.9	324.8	380.3	436.1
30°	0.0	18.5	49.5	86.6	129.4	177.7	229.5	281.2	335.6	393.0	449.8
27.5°	0.0	18.8	50.9	89.5	133.8	183.7	236.6	289.9	345.6	404.7	462.1
25°	0.0	19.1	52.3	92.2	137.9	189.1	243.2	297.8	355.0	415.0	473.0
22.5°	0.0	19.4	53.6	94.6	141.6	194.0	249.2	304.8	363.5	423.9	482.5
20°	0.0	19.6	54.7	96.8	145.0	198.3	254.5	310.9	371.0	431.6	491.1
17.5°	0.0	19.7	55.7	98.8	148.0	201.9	258.9	316.1	377.5	438.0	498.7
15°	0.0	19.9	56.6	100.5	150.6	204.9	262.5	320.7	383.0	443.3	505.2
12.5°	0.0	19.9	57.4	101.9	152.8	207.3	265.4	325.0	387.7	447.3	510.6
10°	0.0	20.0	58.0	103.1	154.6	209.0	267.6	328.6	391.3	451.7	515.9
7.5°	0.0	20.0	58.5	104.0	156.0	210.2	269.1	331.5	393.7	455.4	521.9
5°	0.0	19.9	58.9	104.7	157.0	210.8	270.0	333.6	395.0	458.1	526.8
2.5°	0.0	19.8	59.1	105.1	157.6	210.9	270.1	335.0	395.3	459.8	530.4
0°	0.0	19.7	59.2	105.2	157.8	210.4	269.6	335.4	394.6	460.4	532.7
-2.5°	0.0	19.8	59.1	105.1	157.6	210.9	270.1	335.0	395.3	459.8	530.4
-5°	0.0	19.9	58.9	104.7	157.0	210.8	270.0	333.6	395.0	458.1	526.8
-7.5°	0.0	20.0	58.5	104.0	156.0	210.2	269.1	331.5	393.7	455.4	521.9
-10°	0.0	20.0	58.0	103.1	154.6	209.0	267.6	328.6	391.3	451.7	515.9
-12.5°	0.0	19.9	57.4	101.9	152.8	207.3	265.4	325.0	387.7	447.3	510.6
-15°	0.0	19.9	56.6	100.5	150.6	204.9	262.5	320.7	383.0	443.3	505.2
-17.5°	0.0	19.7	55.7	98.8	148.0	201.9	258.9	316.1	377.5	438.0	498.7
-20°	0.0	19.6	54.7	96.8	145.0	198.3	254.5	310.9	371.0	431.6	491.1

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Scaled Data Report



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.4	53.6	94.6	141.6	194.0	249.2	304.8	363.5	423.9	482.5
-25°	0.0	19.1	52.3	92.2	137.9	189.1	243.2	297.8	355.0	415.0	473.0
-27.5°	0.0	18.8	50.9	89.5	133.8	183.7	236.6	289.9	345.6	404.7	462.1
-30°	0.0	18.5	49.5	86.6	129.4	177.7	229.5	281.2	335.6	393.0	449.8
-32.5°	0.0	18.1	47.9	83.5	124.9	171.2	221.7	271.9	324.8	380.3	436.1
-35°	0.0	17.7	46.3	80.1	120.0	164.3	213.3	262.1	313.0	366.7	421.0
-37.5°	0.0	17.2	44.5	76.6	114.7	157.2	204.4	251.7	300.2	352.1	403.6
-40°	0.0	16.7	42.7	72.8	109.2	150.3	194.9	240.6	286.5	336.6	385.6
-42.5°	0.0	16.2	40.8	68.9	103.7	142.9	185.0	229.0	272.7	319.9	367.0
-45°	0.0	15.6	38.8	64.9	98.4	135.2	174.5	216.7	258.6	302.7	347.9
-47.5°	0.0	15.0	36.7	60.6	92.8	127.1	163.5	203.9	244.0	285.0	328.2
-50°	0.0	14.3	34.6	57.2	86.9	118.7	153.2	190.6	228.7	267.7	308.0
-52.5°	0.0	13.6	32.4	53.9	80.8	110.0	142.8	176.7	212.8	249.5	287.4
-55°	0.0	12.8	30.1	50.5	74.5	101.9	131.9	162.6	196.1	230.5	266.0
-57.5°	0.0	12.1	27.8	46.9	68.0	93.8	120.7	149.6	178.7	210.7	243.7
-60°	0.0	11.3	25.4	43.1	61.4	85.4	109.3	135.9	161.2	190.1	220.5
-62.5°	0.0	10.4	23.6	39.3	56.1	76.8	99.0	121.9	145.2	168.9	196.5
-65°	0.0	9.6	21.7	35.3	50.6	68.0	88.5	108.1	128.9	149.8	171.8
-67.5°	0.0	8.7	19.7	31.3	45.0	59.8	77.7	95.4	112.2	131.2	149.8
-70°	0.0	7.8	17.7	27.1	39.3	52.4	66.7	82.4	97.4	112.2	128.9
-72.5°	0.0	6.9	15.6	23.7	33.4	44.8	57.0	69.3	82.4	95.4	108.1
-75°	0.0	5.9	13.5	20.4	27.4	37.0	47.3	57.3	67.2	78.4	89.3
-77.5°	0.0	5.0	11.3	17.0	22.7	29.1	37.5	45.8	53.9	61.9	70.4
-80°	0.0	4.0	9.1	13.7	18.2	22.7	27.5	34.1	40.6	47.0	53.3
-82.5°	0.0	3.0	6.8	10.3	13.7	17.0	20.4	23.7	27.2	32.0	36.8
-85°	0.0	2.0	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.1	22.2
-87.5°	0.0	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
-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°	12.1	13.1	14.1	15.1	16.0	16.9	17.8	18.6	19.4	20.1	20.9
85°	24.3	26.3	29.2	32.1	34.5	36.6	38.4	39.9	42.6	45.5	48.4
82.5°	41.4	45.9	50.3	54.6	57.6	59.9	62.2	65.6	71.4	77.0	82.0
80°	59.5	65.5	72.3	79.0	84.7	90.4	96.3	102.4	108.8	114.8	120.6
77.5°	79.3	88.1	96.7	105.0	113.3	122.3	130.9	139.2	147.2	154.8	162.0
75°	100.1	110.6	122.2	133.6	144.7	155.5	166.1	177.3	188.1	198.4	208.2
72.5°	121.9	135.9	149.6	163.0	177.4	191.5	205.2	218.3	231.1	244.5	258.6
70°	145.2	161.2	179.0	196.1	212.2	229.0	245.9	260.4	274.3	292.7	311.6
67.5°	169.0	190.7	210.8	230.1	251.5	271.4	288.6	307.0	326.7	348.1	366.7
65°	197.3	220.8	244.1	268.5	293.3	313.9	335.5	358.3	380.6	401.9	422.1
62.5°	225.1	251.6	278.5	305.0	330.5	355.3	381.3	406.7	431.2	456.0	477.8
60°	251.9	282.0	310.3	338.1	367.0	397.8	426.6	454.7	484.2	512.2	526.8
57.5°	277.7	309.9	339.6	370.7	404.6	439.4	469.6	501.6	526.8	546.2	565.2
55°	302.1	335.5	368.0	403.1	439.9	476.0	509.7	538.2	561.4	579.2	599.3
52.5°	324.8	360.1	395.5	433.8	472.9	511.4	546.7	573.3	594.2	612.5	631.3
50°	347.2	384.3	421.7	463.6	505.6	546.6	581.1	605.5	625.2	643.9	663.3
47.5°	369.2	408.1	448.4	493.1	538.5	578.1	610.8	633.1	653.0	675.0	696.2
45°	390.8	432.9	475.6	523.5	569.2	607.3	635.1	657.4	682.1	705.8	728.5
42.5°	411.9	457.2	503.6	553.3	597.4	631.8	657.6	684.1	710.6	735.9	761.5
40°	433.1	480.7	529.7	579.2	623.6	653.2	680.7	709.2	738.4	765.9	794.3
37.5°	453.5	502.7	553.3	603.3	643.6	673.6	702.2	733.6	764.4	794.4	831.4
35°	472.9	522.8	573.8	622.1	660.9	692.1	724.0	757.0	789.4	828.1	870.3
32.5°	490.2	540.8	592.5	637.5	675.5	709.1	744.8	779.4	818.2	862.0	912.8
30°	504.8	556.5	608.4	652.4	689.5	725.1	763.9	802.0	847.3	900.1	960.4
27.5°	517.6	570.7	621.1	665.2	702.9	738.3	779.1	827.2	879.3	938.5	1009.3
25°	529.5	585.0	633.1	676.8	713.6	750.5	794.3	847.4	910.1	981.4	1068.1
22.5°	540.8	598.8	645.3	687.9	721.9	761.9	811.1	868.9	937.1	1020.7	1126.1
20°	551.6	609.0	655.1	696.6	728.2	771.7	825.9	887.7	965.2	1064.8	1186.7
17.5°	561.6	617.8	662.7	701.7	736.4	782.2	839.0	903.0	989.6	1104.9	1242.5
15°	570.6	625.1	668.8	705.9	743.7	793.3	852.7	922.0	1016.6	1143.1	1291.9
12.5°	578.6	631.1	673.5	709.2	749.6	802.3	864.9	941.8	1045.6	1180.7	1354.5
10°	585.4	635.7	676.8	711.4	754.0	809.2	875.0	957.8	1068.7	1209.8	1402.7
7.5°	591.3	639.3	679.1	712.6	756.9	814.0	882.9	970.1	1084.9	1230.5	1437.5
5°	595.4	642.2	681.8	716.7	761.3	817.9	888.6	978.5	1094.4	1242.8	1459.1
2.5°	597.7	643.9	683.5	720.5	766.1	821.1	893.0	987.7	1102.1	1254.8	1475.7
0°	598.5	644.5	684.0	723.4	769.4	822.1	894.4	993.0	1104.8	1262.7	1486.3
-2.5°	597.7	643.9	683.5	720.5	766.1	821.1	893.0	987.7	1102.1	1254.8	1475.7
-5°	595.4	642.2	681.8	716.7	761.3	817.9	888.6	978.5	1094.4	1242.8	1459.1
-7.5°	591.3	639.3	679.1	712.6	756.9	814.0	882.9	970.1	1084.9	1230.5	1437.5
-10°	585.4	635.7	676.8	711.4	754.0	809.2	875.0	957.8	1068.7	1209.8	1402.7
-12.5°	578.6	631.1	673.5	709.2	749.6	802.3	864.9	941.8	1045.6	1180.7	1354.5
-15°	570.6	625.1	668.8	705.9	743.7	793.3	852.7	922.0	1016.6	1143.1	1291.9
-17.5°	561.6	617.8	662.7	701.7	736.4	782.2	839.0	903.0	989.6	1104.9	1242.5
-20°	551.6	609.0	655.1	696.6	728.2	771.7	825.9	887.7	965.2	1064.8	1186.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	540.8	598.8	645.3	687.9	721.9	761.9	811.1	868.9	937.1	1020.7	1126.1
-25°	529.5	585.0	633.1	676.8	713.6	750.5	794.3	847.4	910.1	981.4	1068.1
-27.5°	517.6	570.7	621.1	665.2	702.9	738.3	779.1	827.2	879.3	938.5	1009.3
-30°	504.8	556.5	608.4	652.4	689.5	725.1	763.9	802.0	847.3	900.1	960.4
-32.5°	490.2	540.8	592.5	637.5	675.5	709.1	744.8	779.4	818.2	862.0	912.8
-35°	472.9	522.8	573.8	622.1	660.9	692.1	724.0	757.0	789.4	828.1	870.3
-37.5°	453.5	502.7	553.3	603.3	643.6	673.6	702.2	733.6	764.4	794.4	831.4
-40°	433.1	480.7	529.7	579.2	623.6	653.2	680.7	709.2	738.4	765.9	794.3
-42.5°	411.9	457.2	503.6	553.3	597.4	631.8	657.6	684.1	710.6	735.9	761.5
-45°	390.8	432.9	475.6	523.5	569.2	607.3	635.1	657.4	682.1	705.8	728.5
-47.5°	369.2	408.1	448.4	493.1	538.5	578.1	610.8	633.1	653.0	675.0	696.2
-50°	347.2	384.3	421.7	463.6	505.6	546.6	581.1	605.5	625.2	643.9	663.3
-52.5°	324.8	360.1	395.5	433.8	472.9	511.4	546.7	573.3	594.2	612.5	631.3
-55°	302.1	335.5	368.0	403.1	439.9	476.0	509.7	538.2	561.4	579.2	599.3
-57.5°	277.7	309.9	339.6	370.7	404.6	439.4	469.6	501.6	526.8	546.2	565.2
-60°	251.9	282.0	310.3	338.1	367.0	397.8	426.6	454.7	484.2	512.2	526.8
-62.5°	225.1	251.6	278.5	305.0	330.5	355.3	381.3	406.7	431.2	456.0	477.8
-65°	197.3	220.8	244.1	268.5	293.3	313.9	335.5	358.3	380.6	401.9	422.1
-67.5°	169.0	190.7	210.8	230.1	251.5	271.4	288.6	307.0	326.7	348.1	366.7
-70°	145.2	161.2	179.0	196.1	212.2	229.0	245.9	260.4	274.3	292.7	311.6
-72.5°	121.9	135.9	149.6	163.0	177.4	191.5	205.2	218.3	231.1	244.5	258.6
-75°	100.1	110.6	122.2	133.6	144.7	155.5	166.1	177.3	188.1	198.4	208.2
-77.5°	79.3	88.1	96.7	105.0	113.3	122.3	130.9	139.2	147.2	154.8	162.0
-80°	59.5	65.5	72.3	79.0	84.7	90.4	96.3	102.4	108.8	114.8	120.6
-82.5°	41.4	45.9	50.3	54.6	57.6	59.9	62.2	65.6	71.4	77.0	82.0
-85°	24.3	26.3	29.2	32.1	34.5	36.6	38.4	39.9	42.6	45.5	48.4
-87.5°	12.1	13.1	14.1	15.1	16.0	16.9	17.8	18.6	19.4	20.1	20.9
-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: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-U-NR-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°	21.5	22.2	22.8	23.3	23.8	24.3	24.7	25.1	25.4	24.1	22.7
85°	51.4	53.4	55.2	56.9	58.4	59.8	61.0	62.1	63.1	62.3	61.3
82.5°	86.7	90.1	93.2	96.1	98.8	101.2	103.4	105.4	107.1	106.9	106.4
80°	126.1	131.7	137.4	143.0	148.5	151.8	154.2	156.0	157.3	157.8	158.0
77.5°	169.4	178.2	187.3	196.2	205.0	210.1	213.7	216.7	219.0	219.5	219.1
75°	217.5	228.7	241.2	252.0	261.4	267.2	271.2	274.6	277.4	278.1	277.7
72.5°	273.3	287.2	298.3	307.5	315.4	321.7	326.7	331.0	334.5	335.9	336.1
70°	328.2	342.0	352.6	361.9	369.6	376.1	382.1	387.3	391.5	394.7	397.0
67.5°	383.9	399.6	410.4	418.9	425.5	432.3	440.3	447.2	453.1	457.0	458.9
65°	441.1	457.2	467.7	477.0	485.1	493.7	502.6	509.1	513.4	516.1	517.8
62.5°	496.4	511.5	524.7	536.9	548.6	558.4	564.6	570.0	574.7	578.7	581.6
60°	543.9	563.2	578.0	589.7	601.1	612.2	619.7	625.7	630.4	633.8	635.9
57.5°	584.5	604.1	621.5	632.9	645.3	658.6	667.3	672.3	676.9	680.9	682.7
55°	619.9	638.1	654.1	669.6	683.6	695.6	704.8	711.6	717.2	721.8	723.2
52.5°	651.9	671.6	690.4	707.0	720.6	732.0	741.2	749.6	756.0	760.3	762.3
50°	685.4	706.6	726.8	744.8	758.9	771.7	783.2	793.1	802.5	809.9	815.3
47.5°	718.3	741.0	763.2	783.2	800.1	818.6	835.2	849.3	863.1	874.2	881.9
45°	751.6	777.7	802.0	827.6	850.5	874.7	897.3	916.7	936.7	951.8	961.9
42.5°	788.6	818.2	847.3	879.3	910.5	942.1	976.3	1006.8	1030.3	1052.4	1070.3
40°	828.1	862.0	900.1	939.3	985.2	1027.0	1072.9	1112.3	1147.9	1185.6	1215.6
37.5°	870.3	912.8	962.7	1015.1	1074.6	1131.7	1191.7	1250.6	1302.0	1362.6	1408.9
35°	917.0	973.6	1035.1	1106.0	1180.1	1261.9	1343.9	1438.6	1520.2	1609.9	1688.0
32.5°	972.2	1039.8	1120.5	1214.0	1309.2	1433.3	1549.3	1700.2	1830.5	1972.9	2116.2
30°	1029.1	1117.4	1221.6	1339.3	1490.6	1661.3	1851.6	2076.0	2307.3	2531.1	2801.1
27.5°	1099.4	1206.0	1332.2	1504.2	1726.9	1957.7	2284.9	2621.7	3046.9	3398.6	3894.3
25°	1172.6	1298.0	1477.3	1711.3	2001.9	2402.4	2899.0	3437.3	4185.3	4842.5	5613.3
22.5°	1252.1	1421.6	1644.6	1933.4	2374.1	2988.9	3740.8	4754.0	5857.4	7028.8	8194.1
20°	1335.1	1540.1	1832.4	2251.0	2855.8	3688.3	4979.1	6543.4	8119.6	10052.6	11764.2
17.5°	1431.1	1692.0	2052.3	2575.8	3382.8	4658.1	6448.8	8632.6	11078.0	13857.2	16324.7
15°	1511.2	1822.2	2277.0	3009.3	4119.2	5757.0	8015.3	11019.4	14694.2	18426.8	22213.6
12.5°	1604.1	1963.8	2497.9	3371.2	4765.2	6941.8	10015.7	13818.1	18407.5	23584.7	29687.9
10°	1686.5	2102.9	2766.8	3847.8	5551.4	8177.5	11908.0	16482.5	22405.3	29854.0	39305.3
7.5°	1747.7	2213.6	2974.5	4210.5	6231.0	9365.5	13695.9	19400.2	26926.1	36762.2	49733.3
5°	1787.4	2293.8	3121.3	4490.4	6763.0	10249.6	15006.2	21469.7	30549.1	44460.5	66425.4
2.5°	1811.1	2341.2	3205.2	4654.5	7086.5	10835.4	16003.0	23034.5	32897.1	49218.1	77161.5
0°	1821.7	2354.4	3255.4	4741.6	7194.7	11061.6	16460.9	23747.6	33947.7	50329.7	79049.2
-2.5°	1811.1	2341.2	3205.2	4654.5	7086.5	10835.4	16003.0	23034.5	32897.1	49218.1	77161.5
-5°	1787.4	2293.8	3121.3	4490.4	6763.0	10249.6	15006.2	21469.7	30549.1	44460.5	66425.4
-7.5°	1747.7	2213.6	2974.5	4210.5	6231.0	9365.5	13695.9	19400.2	26926.1	36762.2	49733.3
-10°	1686.5	2102.9	2766.8	3847.8	5551.4	8177.5	11908.0	16482.5	22405.3	29854.0	39305.3
-12.5°	1604.1	1963.8	2497.9	3371.2	4765.2	6941.8	10015.7	13818.1	18407.5	23584.7	29687.9
-15°	1511.2	1822.2	2277.0	3009.3	4119.2	5757.0	8015.3	11019.4	14694.2	18426.8	22213.6
-17.5°	1431.1	1692.0	2052.3	2575.8	3382.8	4658.1	6448.8	8632.6	11078.0	13857.2	16324.7
-20°	1335.1	1540.1	1832.4	2251.0	2855.8	3688.3	4979.1	6543.4	8119.6	10052.6	11764.2



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1252.1	1421.6	1644.6	1933.4	2374.1	2988.9	3740.8	4754.0	5857.4	7028.8	8194.1
-25°	1172.6	1298.0	1477.3	1711.3	2001.9	2402.4	2899.0	3437.3	4185.3	4842.5	5613.3
-27.5°	1099.4	1206.0	1332.2	1504.2	1726.9	1957.7	2284.9	2621.7	3046.9	3398.6	3894.3
-30°	1029.1	1117.4	1221.6	1339.3	1490.6	1661.3	1851.6	2076.0	2307.3	2531.1	2801.1
-32.5°	972.2	1039.8	1120.5	1214.0	1309.2	1433.3	1549.3	1700.2	1830.5	1972.9	2116.2
-35°	917.0	973.6	1035.1	1106.0	1180.1	1261.9	1343.9	1438.6	1520.2	1609.9	1688.0
-37.5°	870.3	912.8	962.7	1015.1	1074.6	1131.7	1191.7	1250.6	1302.0	1362.6	1408.9
-40°	828.1	862.0	900.1	939.3	985.2	1027.0	1072.9	1112.3	1147.9	1185.6	1215.6
-42.5°	788.6	818.2	847.3	879.3	910.5	942.1	976.3	1006.8	1030.3	1052.4	1070.3
-45°	751.6	777.7	802.0	827.6	850.5	874.7	897.3	916.7	936.7	951.8	961.9
-47.5°	718.3	741.0	763.2	783.2	800.1	818.6	835.2	849.3	863.1	874.2	881.9
-50°	685.4	706.6	726.8	744.8	758.9	771.7	783.2	793.1	802.5	809.9	815.3
-52.5°	651.9	671.6	690.4	707.0	720.6	732.0	741.2	749.6	756.0	760.3	762.3
-55°	619.9	638.1	654.1	669.6	683.6	695.6	704.8	711.6	717.2	721.8	723.2
-57.5°	584.5	604.1	621.5	632.9	645.3	658.6	667.3	672.3	676.9	680.9	682.7
-60°	543.9	563.2	578.0	589.7	601.1	612.2	619.7	625.7	630.4	633.8	635.9
-62.5°	496.4	511.5	524.7	536.9	548.6	558.4	564.6	570.0	574.7	578.7	581.6
-65°	441.1	457.2	467.7	477.0	485.1	493.7	502.6	509.1	513.4	516.1	517.8
-67.5°	383.9	399.6	410.4	418.9	425.5	432.3	440.3	447.2	453.1	457.0	458.9
-70°	328.2	342.0	352.6	361.9	369.6	376.1	382.1	387.3	391.5	394.7	397.0
-72.5°	273.3	287.2	298.3	307.5	315.4	321.7	326.7	331.0	334.5	335.9	336.1
-75°	217.5	228.7	241.2	252.0	261.4	267.2	271.2	274.6	277.4	278.1	277.7
-77.5°	169.4	178.2	187.3	196.2	205.0	210.1	213.7	216.7	219.0	219.5	219.1
-80°	126.1	131.7	137.4	143.0	148.5	151.8	154.2	156.0	157.3	157.8	158.0
-82.5°	86.7	90.1	93.2	96.1	98.8	101.2	103.4	105.4	107.1	106.9	106.4
-85°	51.4	53.4	55.2	56.9	58.4	59.8	61.0	62.1	63.1	62.3	61.3
-87.5°	21.5	22.2	22.8	23.3	23.8	24.3	24.7	25.1	25.4	24.1	22.7
-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: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-U-NR-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°	21.2	19.6	19.7	19.7	19.7	19.6	21.2	22.7	24.1	25.4	25.1
85°	60.2	58.9	59.1	59.2	59.1	58.9	60.2	61.3	62.3	63.1	62.1
82.5°	105.7	104.7	105.1	105.2	105.1	104.7	105.7	106.4	106.9	107.1	105.4
80°	157.7	157.0	154.4	151.3	154.4	157.0	157.7	158.0	157.8	157.3	156.0
77.5°	217.9	216.0	213.5	210.4	213.5	216.0	217.9	219.1	219.5	219.0	216.7
75°	276.7	275.0	275.8	276.2	275.8	275.0	276.7	277.7	278.1	277.4	274.6
72.5°	335.5	334.1	335.0	335.4	335.0	334.1	335.5	336.1	335.9	334.5	331.0
70°	398.6	399.3	397.6	394.6	397.6	399.3	398.6	397.0	394.7	391.5	387.3
67.5°	459.5	458.8	456.8	453.8	456.8	458.8	459.5	458.9	457.0	453.1	447.2
65°	518.4	517.8	518.9	519.5	518.9	517.8	518.4	517.8	516.1	513.4	509.1
62.5°	583.1	583.1	581.7	578.7	581.7	583.1	583.1	581.6	578.7	574.7	570.0
60°	636.8	636.3	634.4	631.3	634.4	636.3	636.8	635.9	633.8	630.4	625.7
57.5°	683.3	682.6	680.7	677.4	680.7	682.6	683.3	682.7	680.9	676.9	672.3
55°	723.4	722.4	720.2	716.8	720.2	722.4	723.4	723.2	721.8	717.2	711.6
52.5°	762.8	762.0	762.2	762.9	762.2	762.0	762.8	762.3	760.3	756.0	749.6
50°	818.6	819.8	818.8	815.5	818.8	819.8	818.6	815.3	809.9	802.5	793.1
47.5°	885.6	886.0	884.4	881.2	884.4	886.0	885.6	881.9	874.2	863.1	849.3
45°	969.9	974.7	976.0	973.3	976.0	974.7	969.9	961.9	951.8	936.7	916.7
42.5°	1084.1	1091.6	1093.8	1091.7	1093.8	1091.6	1084.1	1070.3	1052.4	1030.3	1006.8
40°	1234.0	1242.5	1244.1	1243.0	1244.1	1242.5	1234.0	1215.6	1185.6	1147.9	1112.3
37.5°	1441.4	1462.2	1472.0	1473.1	1472.0	1462.2	1441.4	1408.9	1362.6	1302.0	1250.6
35°	1747.6	1788.9	1811.0	1821.7	1811.0	1788.9	1747.6	1688.0	1609.9	1520.2	1438.6
32.5°	2224.9	2307.6	2353.4	2347.8	2353.4	2307.6	2224.9	2116.2	1972.9	1830.5	1700.2
30°	3004.6	3149.2	3222.1	3202.7	3222.1	3149.2	3004.6	2801.1	2531.1	2307.3	2076.0
27.5°	4250.4	4511.8	4662.9	4643.0	4662.9	4511.8	4250.4	3894.3	3398.6	3046.9	2621.7
25°	6257.7	6734.7	7040.1	6964.5	7040.1	6734.7	6257.7	5613.3	4842.5	4185.3	3437.3
22.5°	9311.2	10119.3	10654.1	10588.1	10654.1	10119.3	9311.2	8194.1	7028.8	5857.4	4754.0
20°	13499.8	14729.7	15608.0	15724.3	15608.0	14729.7	13499.8	11764.2	10052.6	8119.6	6543.4
17.5°	18990.1	20940.3	22297.9	22524.4	22297.9	20940.3	18990.1	16324.7	13857.2	11078.0	8632.6
15°	26125.6	29313.1	31620.0	31810.4	31620.0	29313.1	26125.6	22213.6	18426.8	14694.2	11019.4
12.5°	35814.6	42225.5	46409.5	48251.6	46409.5	42225.5	35814.6	29687.9	23584.7	18407.5	13818.1
10°	49223.6	63949.2	73379.7	76925.0	73379.7	63949.2	49223.6	39305.3	29854.0	22405.3	16482.5
7.5°	71620.6	94740.3	120443.2	131397.9	120443.2	94740.3	71620.6	49733.3	36762.2	26926.1	19400.2
5°	96983.6	144966.0	190605.8	208428.1	190605.8	144966.0	96983.6	66425.4	44460.5	30549.1	21469.7
2.5°	123671.9	190552.4	253224.6	277734.2	253224.6	190552.4	123671.9	77161.5	49218.1	32897.1	23034.5
0°	134094.3	210512.8	279467.1	306950.2	279467.1	210512.8	134094.3	79049.2	50329.7	33947.7	23747.6
-2.5°	123671.9	190552.4	253224.6	277734.2	253224.6	190552.4	123671.9	77161.5	49218.1	32897.1	23034.5
-5°	96983.6	144966.0	190605.8	208428.1	190605.8	144966.0	96983.6	66425.4	44460.5	30549.1	21469.7
-7.5°	71620.6	94740.3	120443.2	131397.9	120443.2	94740.3	71620.6	49733.3	36762.2	26926.1	19400.2
-10°	49223.6	63949.2	73379.7	76925.0	73379.7	63949.2	49223.6	39305.3	29854.0	22405.3	16482.5
-12.5°	35814.6	42225.5	46409.5	48251.6	46409.5	42225.5	35814.6	29687.9	23584.7	18407.5	13818.1
-15°	26125.6	29313.1	31620.0	31810.4	31620.0	29313.1	26125.6	22213.6	18426.8	14694.2	11019.4
-17.5°	18990.1	20940.3	22297.9	22524.4	22297.9	20940.3	18990.1	16324.7	13857.2	11078.0	8632.6
-20°	13499.8	14729.7	15608.0	15724.3	15608.0	14729.7	13499.8	11764.2	10052.6	8119.6	6543.4



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9311.2	10119.3	10654.1	10588.1	10654.1	10119.3	9311.2	8194.1	7028.8	5857.4	4754.0
-25°	6257.7	6734.7	7040.1	6964.5	7040.1	6734.7	6257.7	5613.3	4842.5	4185.3	3437.3
-27.5°	4250.4	4511.8	4662.9	4643.0	4662.9	4511.8	4250.4	3894.3	3398.6	3046.9	2621.7
-30°	3004.6	3149.2	3222.1	3202.7	3222.1	3149.2	3004.6	2801.1	2531.1	2307.3	2076.0
-32.5°	2224.9	2307.6	2353.4	2347.8	2353.4	2307.6	2224.9	2116.2	1972.9	1830.5	1700.2
-35°	1747.6	1788.9	1811.0	1821.7	1811.0	1788.9	1747.6	1688.0	1609.9	1520.2	1438.6
-37.5°	1441.4	1462.2	1472.0	1473.1	1472.0	1462.2	1441.4	1408.9	1362.6	1302.0	1250.6
-40°	1234.0	1242.5	1244.1	1243.0	1244.1	1242.5	1234.0	1215.6	1185.6	1147.9	1112.3
-42.5°	1084.1	1091.6	1093.8	1091.7	1093.8	1091.6	1084.1	1070.3	1052.4	1030.3	1006.8
-45°	969.9	974.7	976.0	973.3	976.0	974.7	969.9	961.9	951.8	936.7	916.7
-47.5°	885.6	886.0	884.4	881.2	884.4	886.0	885.6	881.9	874.2	863.1	849.3
-50°	818.6	819.8	818.8	815.5	818.8	819.8	818.6	815.3	809.9	802.5	793.1
-52.5°	762.8	762.0	762.2	762.9	762.2	762.0	762.8	762.3	760.3	756.0	749.6
-55°	723.4	722.4	720.2	716.8	720.2	722.4	723.4	723.2	721.8	717.2	711.6
-57.5°	683.3	682.6	680.7	677.4	680.7	682.6	683.3	682.7	680.9	676.9	672.3
-60°	636.8	636.3	634.4	631.3	634.4	636.3	636.8	635.9	633.8	630.4	625.7
-62.5°	583.1	583.1	581.7	578.7	581.7	583.1	583.1	581.6	578.7	574.7	570.0
-65°	518.4	517.8	518.9	519.5	518.9	517.8	518.4	517.8	516.1	513.4	509.1
-67.5°	459.5	458.8	456.8	453.8	456.8	458.8	459.5	458.9	457.0	453.1	447.2
-70°	398.6	399.3	397.6	394.6	397.6	399.3	398.6	397.0	394.7	391.5	387.3
-72.5°	335.5	334.1	335.0	335.4	335.0	334.1	335.5	336.1	335.9	334.5	331.0
-75°	276.7	275.0	275.8	276.2	275.8	275.0	276.7	277.7	278.1	277.4	274.6
-77.5°	217.9	216.0	213.5	210.4	213.5	216.0	217.9	219.1	219.5	219.0	216.7
-80°	157.7	157.0	154.4	151.3	154.4	157.0	157.7	158.0	157.8	157.3	156.0
-82.5°	105.7	104.7	105.1	105.2	105.1	104.7	105.7	106.4	106.9	107.1	105.4
-85°	60.2	58.9	59.1	59.2	59.1	58.9	60.2	61.3	62.3	63.1	62.1
-87.5°	21.2	19.6	19.7	19.7	19.7	19.6	21.2	22.7	24.1	25.4	25.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-U-NR-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°	24.7	24.3	23.8	23.3	22.8	22.2	21.5	20.9	20.1	19.4	18.6
85°	61.0	59.8	58.4	56.9	55.2	53.4	51.4	48.4	45.5	42.6	39.9
82.5°	103.4	101.2	98.8	96.1	93.2	90.1	86.7	82.0	77.0	71.4	65.6
80°	154.2	151.8	148.5	143.0	137.4	131.7	126.1	120.6	114.8	108.8	102.4
77.5°	213.7	210.1	205.0	196.2	187.3	178.2	169.4	162.0	154.8	147.2	139.2
75°	271.2	267.2	261.4	252.0	241.2	228.7	217.5	208.2	198.4	188.1	177.3
72.5°	326.7	321.7	315.4	307.5	298.3	287.2	273.3	258.6	244.5	231.1	218.3
70°	382.1	376.1	369.6	361.9	352.6	342.0	328.2	311.6	292.7	274.3	260.4
67.5°	440.3	432.3	425.5	418.9	410.4	399.6	383.9	366.7	348.1	326.7	307.0
65°	502.6	493.7	485.1	477.0	467.7	457.2	441.1	422.1	401.9	380.6	358.3
62.5°	564.6	558.4	548.6	536.9	524.7	511.5	496.4	477.8	456.0	431.2	406.7
60°	619.7	612.2	601.1	589.7	578.0	563.2	543.9	526.8	512.2	484.2	454.7
57.5°	667.3	658.6	645.3	632.9	621.5	604.1	584.5	565.2	546.2	526.8	501.6
55°	704.8	695.6	683.6	669.6	654.1	638.1	619.9	599.3	579.2	561.4	538.2
52.5°	741.2	732.0	720.6	707.0	690.4	671.6	651.9	631.3	612.5	594.2	573.3
50°	783.2	771.7	758.9	744.8	726.8	706.6	685.4	663.3	643.9	625.2	605.5
47.5°	835.2	818.6	800.1	783.2	763.2	741.0	718.3	696.2	675.0	653.0	633.1
45°	897.3	874.7	850.5	827.6	802.0	777.7	751.6	728.5	705.8	682.1	657.4
42.5°	976.3	942.1	910.5	879.3	847.3	818.2	788.6	761.5	735.9	710.6	684.1
40°	1072.9	1027.0	985.2	939.3	900.1	862.0	828.1	794.3	765.9	738.4	709.2
37.5°	1191.7	1131.7	1074.6	1015.1	962.7	912.8	870.3	831.4	794.4	764.4	733.6
35°	1343.9	1261.9	1180.1	1106.0	1035.1	973.6	917.0	870.3	828.1	789.4	757.0
32.5°	1549.3	1433.3	1309.2	1214.0	1120.5	1039.8	972.2	912.8	862.0	818.2	779.4
30°	1851.6	1661.3	1490.6	1339.3	1221.6	1117.4	1029.1	960.4	900.1	847.3	802.0
27.5°	2284.9	1957.7	1726.9	1504.2	1332.2	1206.0	1099.4	1009.3	938.5	879.3	827.2
25°	2899.0	2402.4	2001.9	1711.3	1477.3	1298.0	1172.6	1068.1	981.4	910.1	847.4
22.5°	3740.8	2988.9	2374.1	1933.4	1644.6	1421.6	1252.1	1126.1	1020.7	937.1	868.9
20°	4979.1	3688.3	2855.8	2251.0	1832.4	1540.1	1335.1	1186.7	1064.8	965.2	887.7
17.5°	6448.8	4658.1	3382.8	2575.8	2052.3	1692.0	1431.1	1242.5	1104.9	989.6	903.0
15°	8015.3	5757.0	4119.2	3009.3	2277.0	1822.2	1511.2	1291.9	1143.1	1016.6	922.0
12.5°	10015.7	6941.8	4765.2	3371.2	2497.9	1963.8	1604.1	1354.5	1180.7	1045.6	941.8
10°	11908.0	8177.5	5551.4	3847.8	2766.8	2102.9	1686.5	1402.7	1209.8	1068.7	957.8
7.5°	13695.9	9365.5	6231.0	4210.5	2974.5	2213.6	1747.7	1437.5	1230.5	1084.9	970.1
5°	15006.2	10249.6	6763.0	4490.4	3121.3	2293.8	1787.4	1459.1	1242.8	1094.4	978.5
2.5°	16003.0	10835.4	7086.5	4654.5	3205.2	2341.2	1811.1	1475.7	1254.8	1102.1	987.7
0°	16460.9	11061.6	7194.7	4741.6	3255.4	2354.4	1821.7	1486.3	1262.7	1104.8	993.0
-2.5°	16003.0	10835.4	7086.5	4654.5	3205.2	2341.2	1811.1	1475.7	1254.8	1102.1	987.7
-5°	15006.2	10249.6	6763.0	4490.4	3121.3	2293.8	1787.4	1459.1	1242.8	1094.4	978.5
-7.5°	13695.9	9365.5	6231.0	4210.5	2974.5	2213.6	1747.7	1437.5	1230.5	1084.9	970.1
-10°	11908.0	8177.5	5551.4	3847.8	2766.8	2102.9	1686.5	1402.7	1209.8	1068.7	957.8
-12.5°	10015.7	6941.8	4765.2	3371.2	2497.9	1963.8	1604.1	1354.5	1180.7	1045.6	941.8
-15°	8015.3	5757.0	4119.2	3009.3	2277.0	1822.2	1511.2	1291.9	1143.1	1016.6	922.0
-17.5°	6448.8	4658.1	3382.8	2575.8	2052.3	1692.0	1431.1	1242.5	1104.9	989.6	903.0
-20°	4979.1	3688.3	2855.8	2251.0	1832.4	1540.1	1335.1	1186.7	1064.8	965.2	887.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3740.8	2988.9	2374.1	1933.4	1644.6	1421.6	1252.1	1126.1	1020.7	937.1	868.9
-25°	2899.0	2402.4	2001.9	1711.3	1477.3	1298.0	1172.6	1068.1	981.4	910.1	847.4
-27.5°	2284.9	1957.7	1726.9	1504.2	1332.2	1206.0	1099.4	1009.3	938.5	879.3	827.2
-30°	1851.6	1661.3	1490.6	1339.3	1221.6	1117.4	1029.1	960.4	900.1	847.3	802.0
-32.5°	1549.3	1433.3	1309.2	1214.0	1120.5	1039.8	972.2	912.8	862.0	818.2	779.4
-35°	1343.9	1261.9	1180.1	1106.0	1035.1	973.6	917.0	870.3	828.1	789.4	757.0
-37.5°	1191.7	1131.7	1074.6	1015.1	962.7	912.8	870.3	831.4	794.4	764.4	733.6
-40°	1072.9	1027.0	985.2	939.3	900.1	862.0	828.1	794.3	765.9	738.4	709.2
-42.5°	976.3	942.1	910.5	879.3	847.3	818.2	788.6	761.5	735.9	710.6	684.1
-45°	897.3	874.7	850.5	827.6	802.0	777.7	751.6	728.5	705.8	682.1	657.4
-47.5°	835.2	818.6	800.1	783.2	763.2	741.0	718.3	696.2	675.0	653.0	633.1
-50°	783.2	771.7	758.9	744.8	726.8	706.6	685.4	663.3	643.9	625.2	605.5
-52.5°	741.2	732.0	720.6	707.0	690.4	671.6	651.9	631.3	612.5	594.2	573.3
-55°	704.8	695.6	683.6	669.6	654.1	638.1	619.9	599.3	579.2	561.4	538.2
-57.5°	667.3	658.6	645.3	632.9	621.5	604.1	584.5	565.2	546.2	526.8	501.6
-60°	619.7	612.2	601.1	589.7	578.0	563.2	543.9	526.8	512.2	484.2	454.7
-62.5°	564.6	558.4	548.6	536.9	524.7	511.5	496.4	477.8	456.0	431.2	406.7
-65°	502.6	493.7	485.1	477.0	467.7	457.2	441.1	422.1	401.9	380.6	358.3
-67.5°	440.3	432.3	425.5	418.9	410.4	399.6	383.9	366.7	348.1	326.7	307.0
-70°	382.1	376.1	369.6	361.9	352.6	342.0	328.2	311.6	292.7	274.3	260.4
-72.5°	326.7	321.7	315.4	307.5	298.3	287.2	273.3	258.6	244.5	231.1	218.3
-75°	271.2	267.2	261.4	252.0	241.2	228.7	217.5	208.2	198.4	188.1	177.3
-77.5°	213.7	210.1	205.0	196.2	187.3	178.2	169.4	162.0	154.8	147.2	139.2
-80°	154.2	151.8	148.5	143.0	137.4	131.7	126.1	120.6	114.8	108.8	102.4
-82.5°	103.4	101.2	98.8	96.1	93.2	90.1	86.7	82.0	77.0	71.4	65.6
-85°	61.0	59.8	58.4	56.9	55.2	53.4	51.4	48.4	45.5	42.6	39.9
-87.5°	24.7	24.3	23.8	23.3	22.8	22.2	21.5	20.9	20.1	19.4	18.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-U-NR-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°	17.8	16.9	16.0	15.1	14.1	13.1	12.1	11.1	10.1	9.0	7.9
85°	38.4	36.6	34.5	32.1	29.2	26.3	24.3	22.2	20.1	18.0	15.8
82.5°	62.2	59.9	57.6	54.6	50.3	45.9	41.4	36.8	32.0	27.2	23.7
80°	96.3	90.4	84.7	79.0	72.3	65.5	59.5	53.3	47.0	40.6	34.1
77.5°	130.9	122.3	113.3	105.0	96.7	88.1	79.3	70.4	61.9	53.9	45.8
75°	166.1	155.5	144.7	133.6	122.2	110.6	100.1	89.3	78.4	67.2	57.3
72.5°	205.2	191.5	177.4	163.0	149.6	135.9	121.9	108.1	95.4	82.4	69.3
70°	245.9	229.0	212.2	196.1	179.0	161.2	145.2	128.9	112.2	97.4	82.4
67.5°	288.6	271.4	251.5	230.1	210.8	190.7	169.0	149.8	131.2	112.2	95.4
65°	335.5	313.9	293.3	268.5	244.1	220.8	197.3	171.8	149.8	128.9	108.1
62.5°	381.3	355.3	330.5	305.0	278.5	251.6	225.1	196.5	168.9	145.2	121.9
60°	426.6	397.8	367.0	338.1	310.3	282.0	251.9	220.5	190.1	161.2	135.9
57.5°	469.6	439.4	404.6	370.7	339.6	309.9	277.7	243.7	210.7	178.7	149.6
55°	509.7	476.0	439.9	403.1	368.0	335.5	302.1	266.0	230.5	196.1	162.6
52.5°	546.7	511.4	472.9	433.8	395.5	360.1	324.8	287.4	249.5	212.8	176.7
50°	581.1	546.6	505.6	463.6	421.7	384.3	347.2	308.0	267.7	228.7	190.6
47.5°	610.8	578.1	538.5	493.1	448.4	408.1	369.2	328.2	285.0	244.0	203.9
45°	635.1	607.3	569.2	523.5	475.6	432.9	390.8	347.9	302.7	258.6	216.7
42.5°	657.6	631.8	597.4	553.3	503.6	457.2	411.9	367.0	319.9	272.7	229.0
40°	680.7	653.2	623.6	579.2	529.7	480.7	433.1	385.6	336.6	286.5	240.6
37.5°	702.2	673.6	643.6	603.3	553.3	502.7	453.5	403.6	352.1	300.2	251.7
35°	724.0	692.1	660.9	622.1	573.8	522.8	472.9	421.0	366.7	313.0	262.1
32.5°	744.8	709.1	675.5	637.5	592.5	540.8	490.2	436.1	380.3	324.8	271.9
30°	763.9	725.1	689.5	652.4	608.4	556.5	504.8	449.8	393.0	335.6	281.2
27.5°	779.1	738.3	702.9	665.2	621.1	570.7	517.6	462.1	404.7	345.6	289.9
25°	794.3	750.5	713.6	676.8	633.1	585.0	529.5	473.0	415.0	355.0	297.8
22.5°	811.1	761.9	721.9	687.9	645.3	598.8	540.8	482.5	423.9	363.5	304.8
20°	825.9	771.7	728.2	696.6	655.1	609.0	551.6	491.1	431.6	371.0	310.9
17.5°	839.0	782.2	736.4	701.7	662.7	617.8	561.6	498.7	438.0	377.5	316.1
15°	852.7	793.3	743.7	705.9	668.8	625.1	570.6	505.2	443.3	383.0	320.7
12.5°	864.9	802.3	749.6	709.2	673.5	631.1	578.6	510.6	447.3	387.7	325.0
10°	875.0	809.2	754.0	711.4	676.8	635.7	585.4	515.9	451.7	391.3	328.6
7.5°	882.9	814.0	756.9	712.6	679.1	639.3	591.3	521.9	455.4	393.7	331.5
5°	888.6	817.9	761.3	716.7	681.8	642.2	595.4	526.8	458.1	395.0	333.6
2.5°	893.0	821.1	766.1	720.5	683.5	643.9	597.7	530.4	459.8	395.3	335.0
0°	894.4	822.1	769.4	723.4	684.0	644.5	598.5	532.7	460.4	394.6	335.4
-2.5°	893.0	821.1	766.1	720.5	683.5	643.9	597.7	530.4	459.8	395.3	335.0
-5°	888.6	817.9	761.3	716.7	681.8	642.2	595.4	526.8	458.1	395.0	333.6
-7.5°	882.9	814.0	756.9	712.6	679.1	639.3	591.3	521.9	455.4	393.7	331.5
-10°	875.0	809.2	754.0	711.4	676.8	635.7	585.4	515.9	451.7	391.3	328.6
-12.5°	864.9	802.3	749.6	709.2	673.5	631.1	578.6	510.6	447.3	387.7	325.0
-15°	852.7	793.3	743.7	705.9	668.8	625.1	570.6	505.2	443.3	383.0	320.7
-17.5°	839.0	782.2	736.4	701.7	662.7	617.8	561.6	498.7	438.0	377.5	316.1
-20°	825.9	771.7	728.2	696.6	655.1	609.0	551.6	491.1	431.6	371.0	310.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	811.1	761.9	721.9	687.9	645.3	598.8	540.8	482.5	423.9	363.5	304.8
-25°	794.3	750.5	713.6	676.8	633.1	585.0	529.5	473.0	415.0	355.0	297.8
-27.5°	779.1	738.3	702.9	665.2	621.1	570.7	517.6	462.1	404.7	345.6	289.9
-30°	763.9	725.1	689.5	652.4	608.4	556.5	504.8	449.8	393.0	335.6	281.2
-32.5°	744.8	709.1	675.5	637.5	592.5	540.8	490.2	436.1	380.3	324.8	271.9
-35°	724.0	692.1	660.9	622.1	573.8	522.8	472.9	421.0	366.7	313.0	262.1
-37.5°	702.2	673.6	643.6	603.3	553.3	502.7	453.5	403.6	352.1	300.2	251.7
-40°	680.7	653.2	623.6	579.2	529.7	480.7	433.1	385.6	336.6	286.5	240.6
-42.5°	657.6	631.8	597.4	553.3	503.6	457.2	411.9	367.0	319.9	272.7	229.0
-45°	635.1	607.3	569.2	523.5	475.6	432.9	390.8	347.9	302.7	258.6	216.7
-47.5°	610.8	578.1	538.5	493.1	448.4	408.1	369.2	328.2	285.0	244.0	203.9
-50°	581.1	546.6	505.6	463.6	421.7	384.3	347.2	308.0	267.7	228.7	190.6
-52.5°	546.7	511.4	472.9	433.8	395.5	360.1	324.8	287.4	249.5	212.8	176.7
-55°	509.7	476.0	439.9	403.1	368.0	335.5	302.1	266.0	230.5	196.1	162.6
-57.5°	469.6	439.4	404.6	370.7	339.6	309.9	277.7	243.7	210.7	178.7	149.6
-60°	426.6	397.8	367.0	338.1	310.3	282.0	251.9	220.5	190.1	161.2	135.9
-62.5°	381.3	355.3	330.5	305.0	278.5	251.6	225.1	196.5	168.9	145.2	121.9
-65°	335.5	313.9	293.3	268.5	244.1	220.8	197.3	171.8	149.8	128.9	108.1
-67.5°	288.6	271.4	251.5	230.1	210.8	190.7	169.0	149.8	131.2	112.2	95.4
-70°	245.9	229.0	212.2	196.1	179.0	161.2	145.2	128.9	112.2	97.4	82.4
-72.5°	205.2	191.5	177.4	163.0	149.6	135.9	121.9	108.1	95.4	82.4	69.3
-75°	166.1	155.5	144.7	133.6	122.2	110.6	100.1	89.3	78.4	67.2	57.3
-77.5°	130.9	122.3	113.3	105.0	96.7	88.1	79.3	70.4	61.9	53.9	45.8
-80°	96.3	90.4	84.7	79.0	72.3	65.5	59.5	53.3	47.0	40.6	34.1
-82.5°	62.2	59.9	57.6	54.6	50.3	45.9	41.4	36.8	32.0	27.2	23.7
-85°	38.4	36.6	34.5	32.1	29.2	26.3	24.3	22.2	20.1	18.0	15.8
-87.5°	17.8	16.9	16.0	15.1	14.1	13.1	12.1	11.1	10.1	9.0	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

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°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
85°	13.6	11.4	9.1	6.9	4.6	2.0	0.0
82.5°	20.4	17.0	13.7	10.3	6.8	3.0	0.0
80°	27.5	22.7	18.2	13.7	9.1	4.0	0.0
77.5°	37.5	29.1	22.7	17.0	11.3	5.0	0.0
75°	47.3	37.0	27.4	20.4	13.5	5.9	0.0
72.5°	57.0	44.8	33.4	23.7	15.6	6.9	0.0
70°	66.7	52.4	39.3	27.1	17.7	7.8	0.0
67.5°	77.7	59.8	45.0	31.3	19.7	8.7	0.0
65°	88.5	68.0	50.6	35.3	21.7	9.6	0.0
62.5°	99.0	76.8	56.1	39.3	23.6	10.4	0.0
60°	109.3	85.4	61.4	43.1	25.4	11.3	0.0
57.5°	120.7	93.8	68.0	46.9	27.8	12.1	0.0
55°	131.9	101.9	74.5	50.5	30.1	12.8	0.0
52.5°	142.8	110.0	80.8	53.9	32.4	13.6	0.0
50°	153.2	118.7	86.9	57.2	34.6	14.3	0.0
47.5°	163.5	127.1	92.8	60.6	36.7	15.0	0.0
45°	174.5	135.2	98.4	64.9	38.8	15.6	0.0
42.5°	185.0	142.9	103.7	68.9	40.8	16.2	0.0
40°	194.9	150.3	109.2	72.8	42.7	16.7	0.0
37.5°	204.4	157.2	114.7	76.6	44.5	17.2	0.0
35°	213.3	164.3	120.0	80.1	46.3	17.7	0.0
32.5°	221.7	171.2	124.9	83.5	47.9	18.1	0.0
30°	229.5	177.7	129.4	86.6	49.5	18.5	0.0
27.5°	236.6	183.7	133.8	89.5	50.9	18.8	0.0
25°	243.2	189.1	137.9	92.2	52.3	19.1	0.0
22.5°	249.2	194.0	141.6	94.6	53.6	19.4	0.0
20°	254.5	198.3	145.0	96.8	54.7	19.6	0.0
17.5°	258.9	201.9	148.0	98.8	55.7	19.7	0.0
15°	262.5	204.9	150.6	100.5	56.6	19.9	0.0
12.5°	265.4	207.3	152.8	101.9	57.4	19.9	0.0
10°	267.6	209.0	154.6	103.1	58.0	20.0	0.0
7.5°	269.1	210.2	156.0	104.0	58.5	20.0	0.0
5°	270.0	210.8	157.0	104.7	58.9	19.9	0.0
2.5°	270.1	210.9	157.6	105.1	59.1	19.8	0.0
0°	269.6	210.4	157.8	105.2	59.2	19.7	0.0
-2.5°	270.1	210.9	157.6	105.1	59.1	19.8	0.0
-5°	270.0	210.8	157.0	104.7	58.9	19.9	0.0
-7.5°	269.1	210.2	156.0	104.0	58.5	20.0	0.0
-10°	267.6	209.0	154.6	103.1	58.0	20.0	0.0
-12.5°	265.4	207.3	152.8	101.9	57.4	19.9	0.0
-15°	262.5	204.9	150.6	100.5	56.6	19.9	0.0
-17.5°	258.9	201.9	148.0	98.8	55.7	19.7	0.0
-20°	254.5	198.3	145.0	96.8	54.7	19.6	0.0

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REPORT NUMBER: P627729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	249.2	194.0	141.6	94.6	53.6	19.4	0.0
-25°	243.2	189.1	137.9	92.2	52.3	19.1	0.0
-27.5°	236.6	183.7	133.8	89.5	50.9	18.8	0.0
-30°	229.5	177.7	129.4	86.6	49.5	18.5	0.0
-32.5°	221.7	171.2	124.9	83.5	47.9	18.1	0.0
-35°	213.3	164.3	120.0	80.1	46.3	17.7	0.0
-37.5°	204.4	157.2	114.7	76.6	44.5	17.2	0.0
-40°	194.9	150.3	109.2	72.8	42.7	16.7	0.0
-42.5°	185.0	142.9	103.7	68.9	40.8	16.2	0.0
-45°	174.5	135.2	98.4	64.9	38.8	15.6	0.0
-47.5°	163.5	127.1	92.8	60.6	36.7	15.0	0.0
-50°	153.2	118.7	86.9	57.2	34.6	14.3	0.0
-52.5°	142.8	110.0	80.8	53.9	32.4	13.6	0.0
-55°	131.9	101.9	74.5	50.5	30.1	12.8	0.0
-57.5°	120.7	93.8	68.0	46.9	27.8	12.1	0.0
-60°	109.3	85.4	61.4	43.1	25.4	11.3	0.0
-62.5°	99.0	76.8	56.1	39.3	23.6	10.4	0.0
-65°	88.5	68.0	50.6	35.3	21.7	9.6	0.0
-67.5°	77.7	59.8	45.0	31.3	19.7	8.7	0.0
-70°	66.7	52.4	39.3	27.1	17.7	7.8	0.0
-72.5°	57.0	44.8	33.4	23.7	15.6	6.9	0.0
-75°	47.3	37.0	27.4	20.4	13.5	5.9	0.0
-77.5°	37.5	29.1	22.7	17.0	11.3	5.0	0.0
-80°	27.5	22.7	18.2	13.7	9.1	4.0	0.0
-82.5°	20.4	17.0	13.7	10.3	6.8	3.0	0.0
-85°	13.6	11.4	9.1	6.9	4.6	2.0	0.0
-87.5°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)