

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: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/28/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-722-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

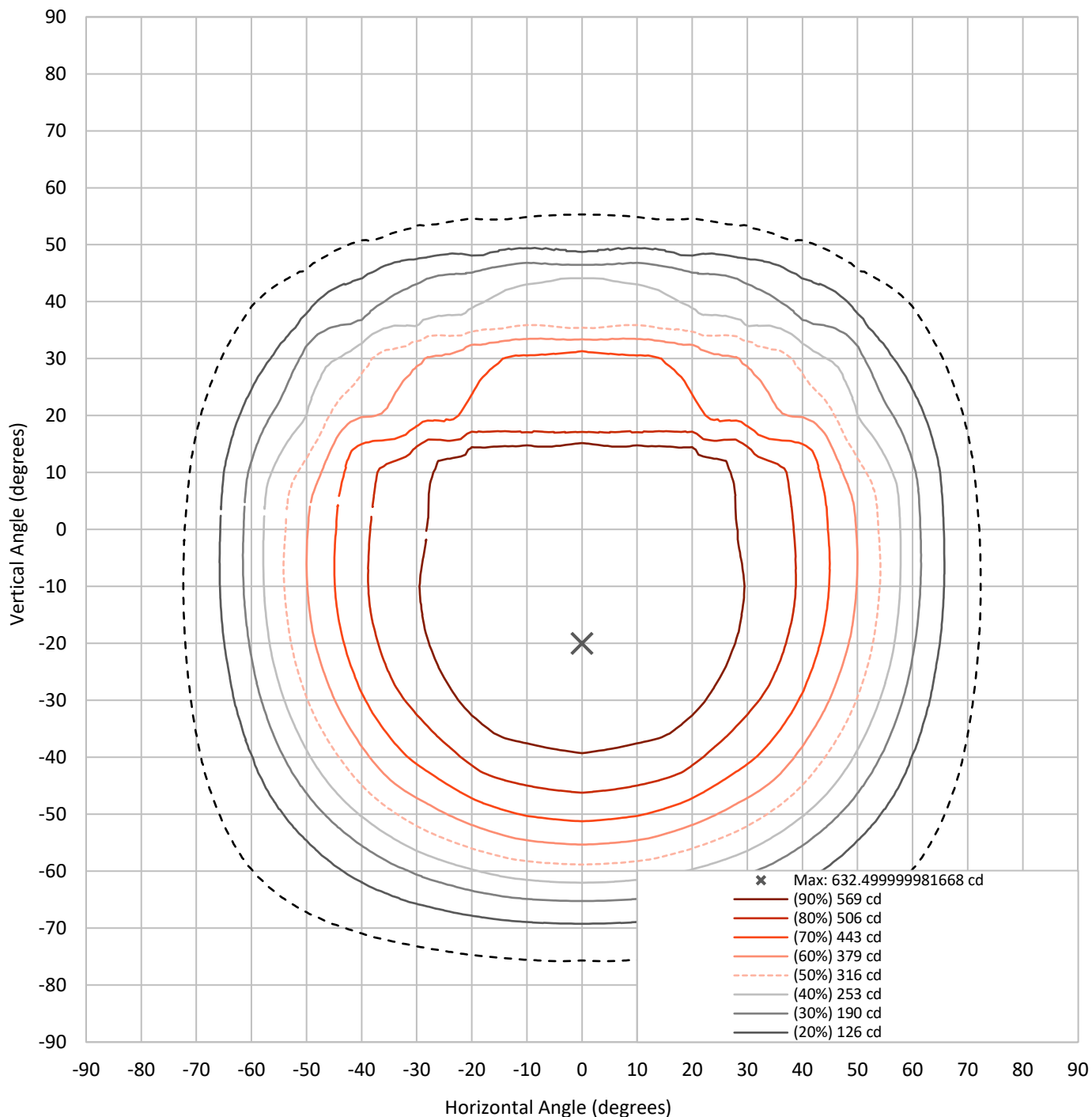
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	1483.1 lumens	Max Intensity:	632.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	81.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	1160.4 lumens	Field Lumens:	1453.7 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	18.1		
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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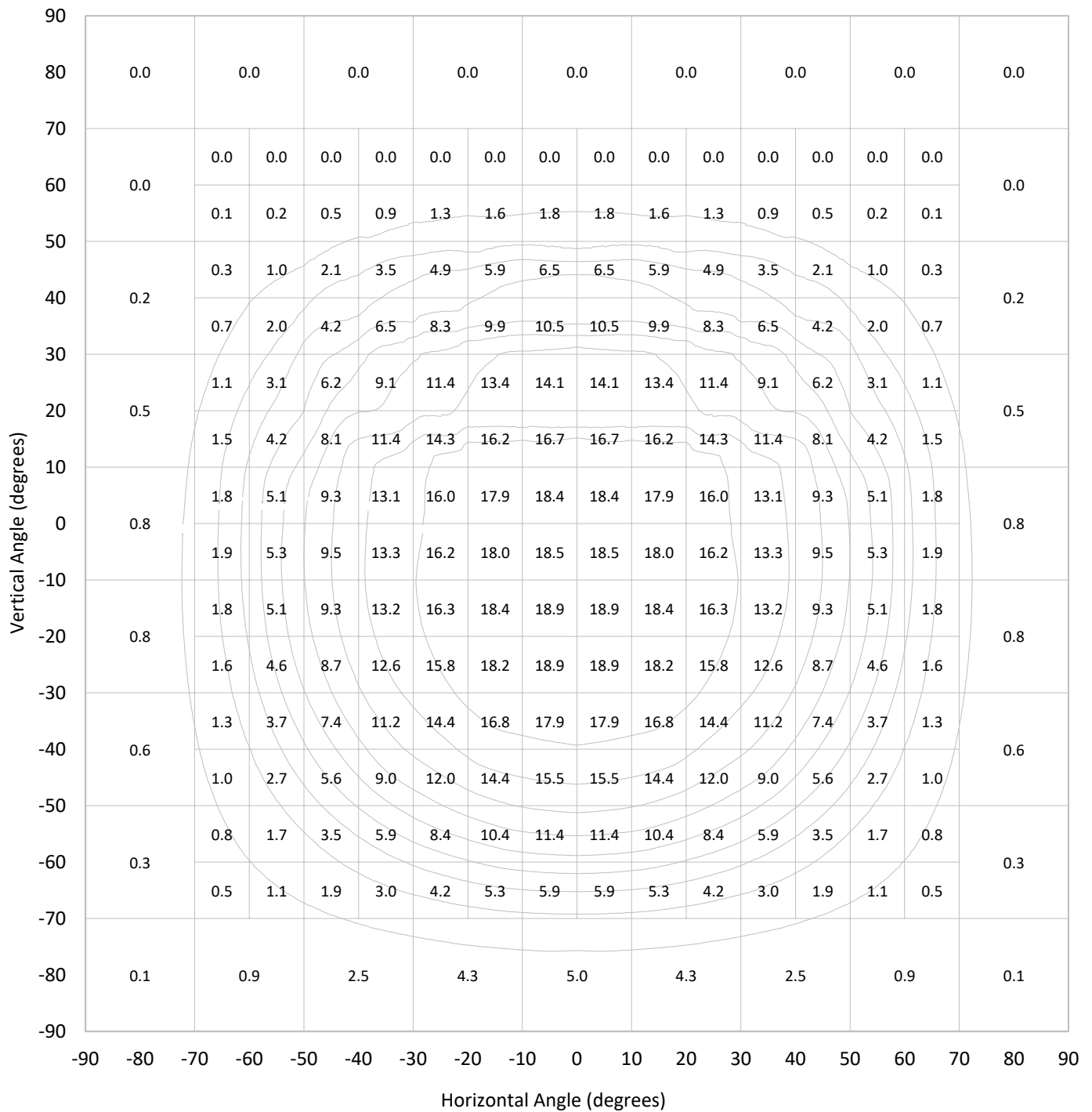
Iso-Candela Plot





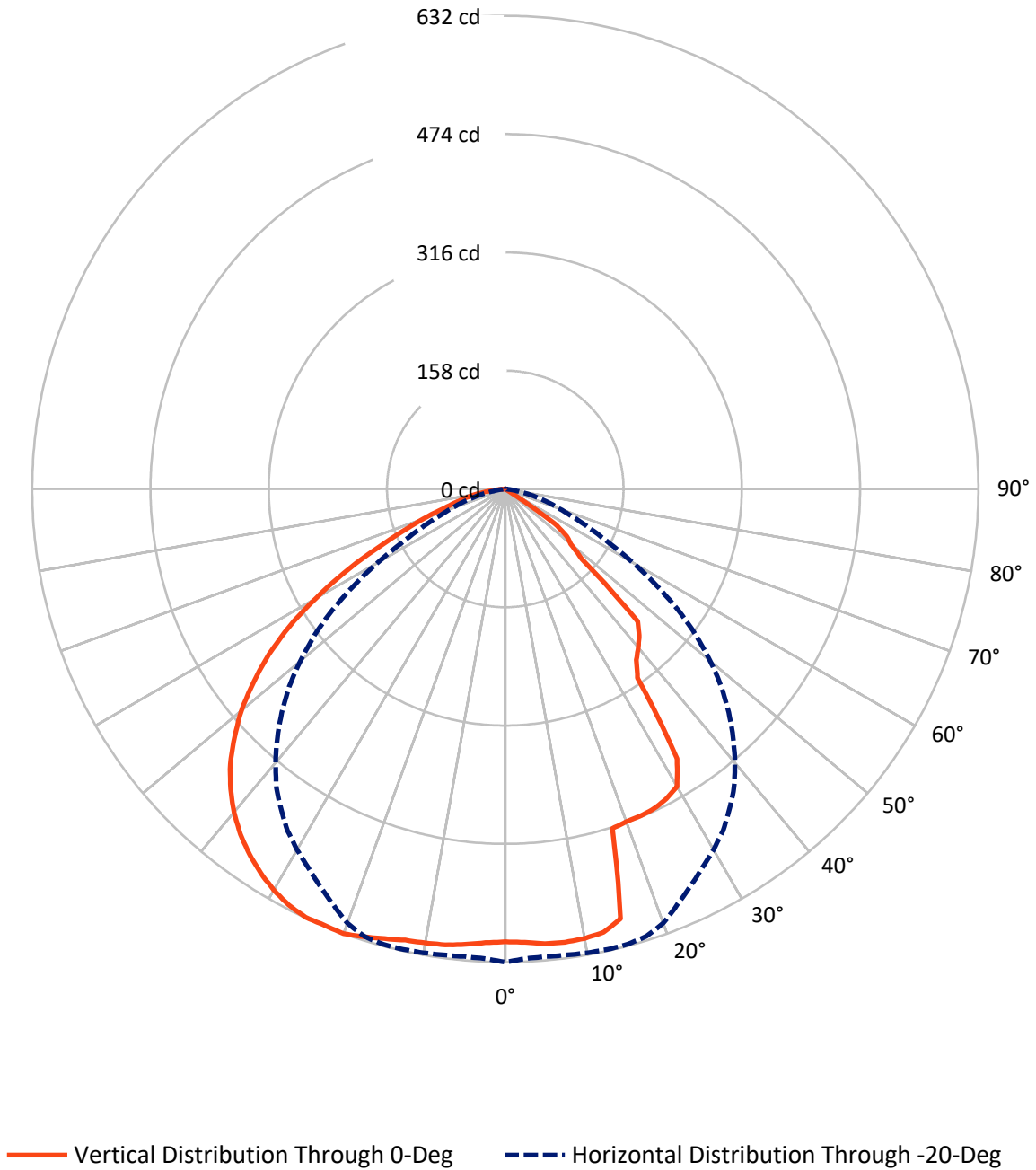
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Lumen Table



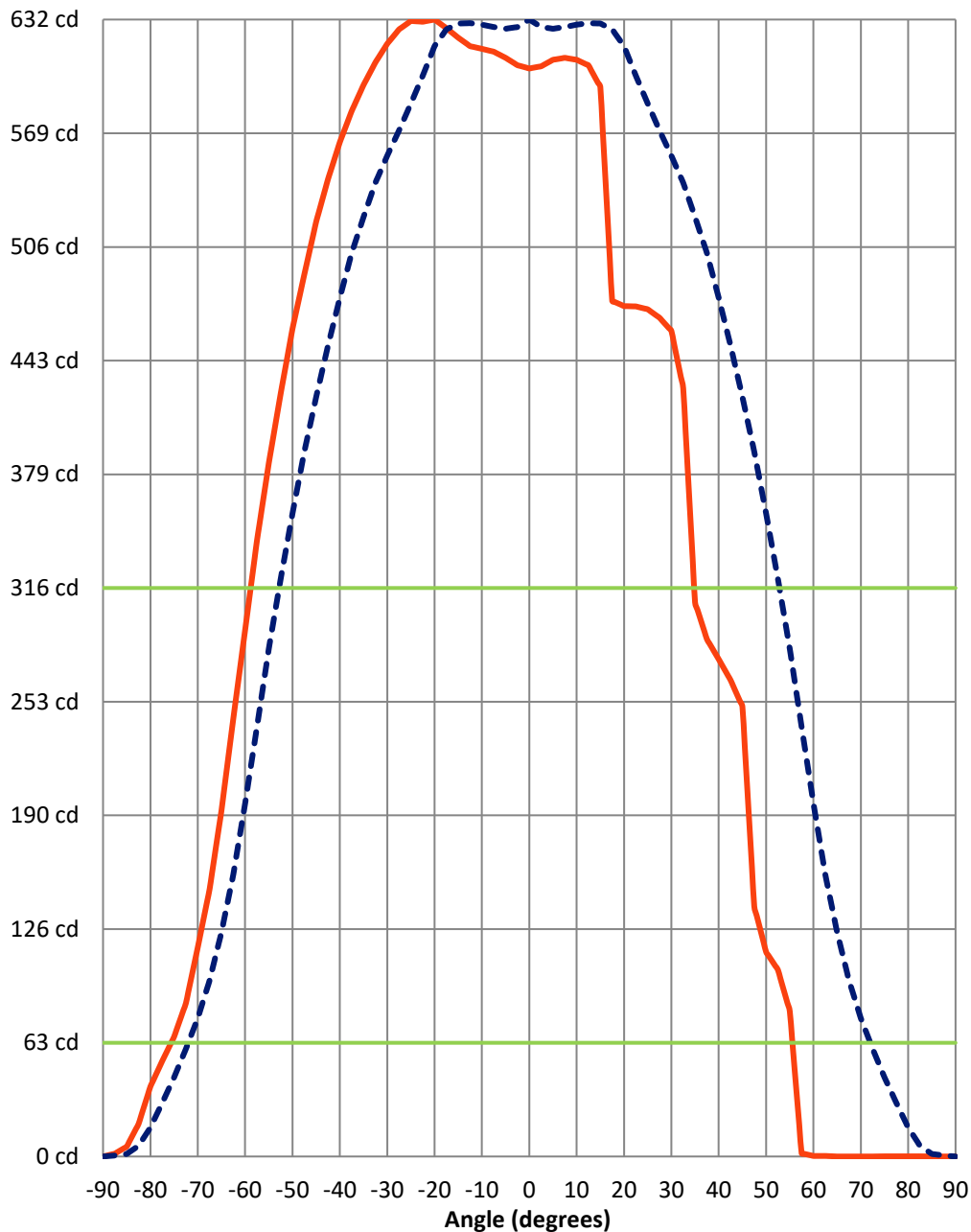
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 1160.4
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 1453.7
 Efficiency: 98.0%

Spill:
 Lumens: 29.4
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
85°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
82.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1
80°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.1
77.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1
75°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1
72.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1
70°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
67.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3
65°	0.0	0.1	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.4	0.6
62.5°	0.0	0.2	0.3	0.3	0.4	0.5	0.5	0.4	0.5	0.8	1.2
60°	0.0	0.2	0.3	0.3	0.4	0.6	0.5	0.5	0.6	1.9	2.1
57.5°	0.0	0.2	0.3	0.4	0.5	0.7	0.9	0.7	1.8	3.2	3.7
55°	0.0	0.2	0.3	0.4	0.6	0.8	1.5	1.2	3.4	4.9	6.0
52.5°	0.0	0.2	0.4	0.4	0.7	1.0	2.1	3.0	5.1	7.7	8.7
50°	0.0	0.2	0.4	0.4	0.8	1.7	2.8	5.0	7.3	10.9	13.6
47.5°	0.0	0.2	0.4	0.4	1.0	2.4	3.8	7.1	10.6	14.3	18.6
45°	0.0	0.3	0.4	0.5	1.1	3.2	5.8	9.4	14.2	18.6	23.4
42.5°	0.0	0.3	0.4	0.6	1.2	4.1	7.8	12.2	17.9	22.8	29.0
40°	0.0	0.3	0.4	0.8	1.7	5.0	9.8	15.5	21.6	27.0	35.0
37.5°	0.0	0.3	0.4	0.9	2.4	5.9	11.9	18.7	25.6	31.9	41.2
35°	0.0	0.3	0.5	1.1	3.1	7.4	14.0	21.9	29.6	38.0	48.6
32.5°	0.0	0.3	0.5	1.3	3.8	9.0	16.3	25.2	33.7	44.1	57.6
30°	0.0	0.3	0.5	1.5	4.5	10.7	19.0	28.4	37.8	50.3	66.2
27.5°	0.0	0.3	0.5	1.8	5.4	12.3	21.5	31.8	42.3	56.4	74.4
25°	0.0	0.3	0.5	2.0	6.3	13.9	24.0	35.2	47.4	63.1	82.3
22.5°	0.0	0.4	0.6	2.3	7.3	15.6	26.5	38.4	52.4	69.8	90.2
20°	0.0	0.4	0.6	2.5	8.2	17.3	28.8	41.7	57.3	76.1	98.0
17.5°	0.0	0.4	0.6	2.8	9.1	19.0	31.1	44.8	62.0	82.1	105.5
15°	0.0	0.4	0.6	3.0	9.9	20.7	33.4	47.7	66.5	87.6	112.7
12.5°	0.0	0.4	0.6	3.3	10.8	22.2	35.4	50.3	70.1	92.7	119.6
10°	0.0	0.4	0.6	3.6	11.6	23.7	37.4	52.7	72.8	95.8	125.2
7.5°	0.0	0.4	0.7	3.8	12.4	25.1	39.2	54.9	75.1	98.2	128.4
5°	0.0	0.4	0.7	4.1	13.1	26.3	40.8	56.8	77.0	100.1	131.1
2.5°	0.0	0.4	0.7	4.3	13.7	27.5	42.2	58.6	78.6	101.6	133.1
0°	0.0	0.4	0.7	4.5	14.3	28.5	43.5	60.1	79.8	102.6	134.5
-2.5°	0.0	0.4	0.8	4.8	14.8	29.2	44.1	61.0	80.2	103.9	135.4
-5°	0.0	0.4	0.9	5.0	15.3	29.7	44.6	61.6	80.4	104.8	135.7
-7.5°	0.0	0.5	1.0	5.3	15.7	30.0	44.9	62.0	80.3	105.2	135.4
-10°	0.0	0.5	1.1	5.5	16.0	30.3	45.0	62.2	80.0	105.0	134.6
-12.5°	0.0	0.5	1.2	5.6	16.2	30.4	45.0	62.1	79.4	104.2	133.1
-15°	0.0	0.5	1.3	5.8	16.2	30.3	44.8	61.7	78.8	102.5	130.9
-17.5°	0.0	0.5	1.4	5.9	16.2	30.1	44.5	61.0	78.0	100.4	128.2
-20°	0.0	0.6	1.4	5.9	16.1	29.8	44.0	59.9	76.9	98.0	124.7

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CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	1.5	5.9	15.9	29.4	43.3	58.6	75.5	95.1	120.6
-25°	0.0	0.6	1.6	5.9	15.5	28.6	42.4	57.1	73.7	91.9	115.9
-27.5°	0.0	0.6	1.6	5.8	15.1	27.8	41.3	55.5	71.6	88.8	111.7
-30°	0.0	0.6	1.6	5.7	14.5	26.8	40.0	53.6	69.4	86.2	107.2
-32.5°	0.0	0.6	1.7	5.5	13.9	25.6	38.6	51.8	66.9	83.2	102.4
-35°	0.0	0.6	1.7	5.3	13.1	24.4	37.1	50.0	64.3	79.8	97.3
-37.5°	0.0	0.6	1.7	5.1	12.3	23.2	35.4	48.0	61.5	76.0	92.3
-40°	0.0	0.6	1.7	4.7	11.4	22.0	33.7	45.8	58.5	72.4	87.4
-42.5°	0.0	0.6	1.7	4.4	10.8	20.8	31.8	43.4	55.6	68.5	82.1
-45°	0.0	0.6	1.7	4.1	10.3	19.5	29.8	40.9	52.6	64.4	76.6
-47.5°	0.0	0.5	1.7	3.7	9.8	18.2	27.6	38.4	49.5	60.1	71.8
-50°	0.0	0.5	1.6	3.5	9.1	16.7	25.9	35.8	46.0	56.2	66.8
-52.5°	0.0	0.5	1.6	3.5	8.5	15.2	24.1	33.1	42.6	52.2	61.6
-55°	0.0	0.5	1.5	3.4	7.7	14.1	22.2	30.4	39.3	48.1	57.1
-57.5°	0.0	0.5	1.4	3.2	6.8	13.0	20.3	28.2	35.8	44.1	52.4
-60°	0.0	0.4	1.4	3.0	5.9	11.7	18.4	25.8	32.3	40.1	47.8
-62.5°	0.0	0.4	1.3	2.8	5.5	10.4	16.6	23.1	29.1	36.0	43.2
-65°	0.0	0.4	1.2	2.6	5.0	8.9	14.7	20.4	25.7	31.8	38.5
-67.5°	0.0	0.3	1.1	2.3	4.5	7.7	12.7	17.7	22.1	27.5	33.5
-70°	0.0	0.3	1.0	2.0	3.9	6.7	10.5	14.9	18.9	23.0	28.1
-72.5°	0.0	0.3	0.9	1.8	3.3	5.7	8.9	12.1	15.6	19.2	22.8
-75°	0.0	0.2	0.8	1.5	2.6	4.6	7.3	9.7	12.3	15.5	18.6
-77.5°	0.0	0.2	0.6	1.3	2.2	3.4	5.6	7.5	9.6	11.8	14.3
-80°	0.0	0.2	0.5	1.0	1.7	2.6	3.8	5.3	6.8	8.6	10.4
-82.5°	0.0	0.1	0.4	0.8	1.3	2.0	2.8	3.4	4.1	5.3	6.6
-85°	0.0	0.1	0.3	0.5	0.9	1.3	1.9	2.3	2.7	3.1	3.5
-87.5°	0.0	0.0	0.1	0.3	0.4	0.7	0.9	1.1	1.3	1.5	1.8
-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: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-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°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
67.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
65°	0.3	0.2	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
62.5°	0.4	0.5	0.6	1.2	0.9	0.3	0.4	0.5	0.4	0.3	0.3
60°	1.3	0.9	2.7	3.8	2.4	0.9	1.1	3.5	3.0	0.5	1.9
57.5°	2.8	3.8	7.0	7.1	4.9	3.4	9.9	11.4	8.6	5.1	7.7
55°	6.1	9.4	11.6	10.7	11.7	17.8	21.2	19.0	16.0	24.6	31.4
52.5°	11.9	15.3	16.0	18.4	26.4	30.3	29.0	31.0	40.2	49.9	52.0
50°	17.6	20.3	22.5	32.5	38.7	39.1	42.0	51.1	63.4	69.3	67.9
47.5°	23.1	25.9	35.9	45.5	48.3	52.1	59.3	76.9	89.9	90.2	88.7
45°	28.9	36.5	49.1	55.4	59.9	67.3	84.7	109.0	110.3	113.9	135.6
42.5°	35.1	48.4	59.4	65.9	73.3	87.1	110.3	126.3	131.8	147.2	164.6
40°	45.2	59.9	69.5	77.9	87.3	107.4	132.9	147.8	152.2	165.6	178.7
37.5°	55.4	69.5	80.3	90.4	103.4	130.6	160.0	172.3	174.6	177.1	206.1
35°	65.2	79.3	92.3	105.4	121.4	160.5	186.3	197.9	197.5	214.1	244.5
32.5°	74.4	89.4	104.7	122.3	148.7	188.7	214.5	221.4	232.0	256.0	297.6
30°	83.6	100.6	118.1	139.2	172.6	207.3	236.7	247.9	265.9	293.3	323.6
27.5°	93.0	112.1	133.3	157.9	191.5	223.4	248.5	275.1	292.6	317.2	338.7
25°	102.5	124.3	148.3	174.4	204.9	234.7	260.7	291.4	310.2	330.0	350.1
22.5°	112.3	136.6	163.8	187.4	216.3	244.3	275.2	308.6	333.0	345.6	359.1
20°	122.6	150.0	179.0	205.2	227.5	253.2	289.9	330.4	361.9	376.1	377.9
17.5°	132.8	163.0	194.1	222.4	246.6	269.5	305.2	356.5	395.7	408.9	414.7
15°	142.7	175.4	209.2	239.3	265.8	293.7	331.9	384.1	429.0	443.5	452.7
12.5°	152.3	187.3	224.0	255.5	285.0	316.4	356.2	404.0	444.9	473.1	489.9
10°	161.4	198.6	238.3	271.1	303.9	337.3	376.3	418.8	452.1	479.2	503.2
7.5°	166.0	205.9	250.7	286.0	322.5	356.7	392.7	429.2	457.2	483.9	507.1
5°	169.1	208.9	254.5	291.2	332.3	369.6	404.6	436.1	460.6	487.0	509.6
2.5°	171.4	210.8	257.2	294.0	336.0	373.6	408.0	438.3	463.4	489.3	512.4
0°	172.7	211.7	258.5	295.7	338.3	376.2	410.0	439.2	465.2	490.3	515.3
-2.5°	173.5	214.6	259.4	300.2	340.5	378.4	412.8	441.3	468.5	492.4	517.4
-5°	173.4	216.3	259.1	303.2	341.6	379.3	414.1	442.2	470.3	493.9	518.3
-7.5°	172.4	216.7	258.0	304.2	341.6	379.0	413.5	442.7	470.2	495.3	518.3
-10°	170.8	215.2	256.9	301.7	340.3	377.5	411.7	441.7	469.1	495.0	517.9
-12.5°	168.8	212.0	254.6	298.2	337.6	374.6	408.8	439.1	467.1	492.9	516.9
-15°	165.8	207.8	250.9	293.8	333.6	370.5	405.2	435.0	463.9	489.2	513.8
-17.5°	161.8	202.6	245.7	288.5	328.1	365.0	400.5	429.6	458.3	484.5	508.2
-20°	156.8	196.4	238.9	282.4	321.2	357.7	392.0	422.5	451.1	477.7	502.6

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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°	150.7	189.3	230.8	274.3	312.6	348.7	382.6	413.5	443.1	468.8	495.4
-25°	144.6	181.8	221.8	263.1	302.5	338.4	372.5	402.6	432.9	459.6	484.9
-27.5°	138.8	173.1	211.4	250.7	291.1	326.9	360.6	390.8	420.2	449.4	473.7
-30°	132.2	163.1	199.9	237.5	276.9	313.3	347.2	378.6	406.6	435.5	461.6
-32.5°	125.0	152.4	187.8	224.0	261.1	298.3	331.9	363.1	392.2	419.5	446.9
-35°	117.9	143.8	175.0	209.4	244.4	280.9	314.6	345.4	375.6	402.7	428.9
-37.5°	111.6	134.5	161.3	194.3	227.7	262.2	296.5	326.3	355.0	384.8	410.4
-40°	104.7	124.5	149.6	178.6	210.1	243.0	275.8	306.6	333.6	363.1	391.2
-42.5°	97.5	116.3	137.9	162.1	191.8	222.8	254.5	284.6	312.7	340.4	368.3
-45°	91.2	107.6	126.1	148.2	172.4	201.5	231.5	261.6	288.5	314.9	342.4
-47.5°	84.5	98.9	116.0	133.7	154.7	179.1	207.2	235.0	262.5	287.7	312.0
-50°	77.8	91.2	105.1	121.1	138.4	158.2	181.6	207.3	232.5	258.4	282.5
-52.5°	72.1	82.9	95.6	108.9	123.7	140.0	158.8	180.0	202.9	224.8	248.9
-55°	66.1	75.9	86.1	97.8	110.2	123.9	139.3	157.1	174.6	194.8	214.5
-57.5°	60.6	68.9	77.6	87.3	98.0	109.1	122.5	136.3	152.2	167.9	183.5
-60°	55.5	62.3	69.7	77.8	86.5	96.3	106.3	118.2	131.0	143.6	156.7
-62.5°	50.4	56.0	62.0	68.8	76.4	83.8	92.3	101.5	110.9	121.6	132.0
-65°	45.0	49.6	54.7	60.3	66.4	72.7	79.2	86.0	94.0	101.8	109.4
-67.5°	39.3	43.3	47.4	51.8	56.9	61.8	66.8	72.5	78.4	84.2	90.2
-70°	33.1	36.8	40.2	43.8	47.6	51.5	55.7	59.9	64.0	68.3	73.2
-72.5°	26.7	30.1	33.1	35.8	38.9	42.1	45.2	48.2	51.3	54.6	57.8
-75°	21.3	23.5	26.3	28.7	31.2	33.5	35.5	38.0	40.6	43.0	45.0
-77.5°	16.6	18.7	20.5	22.2	24.1	26.4	28.4	30.1	31.8	33.6	35.5
-80°	12.1	13.8	15.5	17.0	18.1	19.4	20.9	22.7	24.2	25.4	26.5
-82.5°	7.8	9.0	10.3	11.5	12.0	12.4	12.7	13.3	14.3	15.2	16.1
-85°	3.9	4.2	5.0	5.8	6.0	6.2	6.4	6.4	6.8	7.1	7.3
-87.5°	2.0	2.1	2.3	2.5	2.4	2.3	2.1	1.9	1.9	1.8	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



REPORT NUMBER: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
62.5°	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3
60°	2.1	1.2	0.7	0.9	0.8	0.5	0.7	0.8	0.8	0.7	0.6
57.5°	11.7	8.8	6.5	15.5	15.5	7.4	8.9	14.0	11.6	3.8	3.5
55°	32.6	39.0	51.4	48.8	49.6	57.1	62.3	55.2	54.1	57.7	66.6
52.5°	58.6	64.8	68.9	72.8	77.6	82.6	87.9	91.2	94.3	97.6	99.6
50°	74.9	83.5	89.5	87.3	99.5	104.5	99.4	104.0	109.5	111.0	111.7
47.5°	110.6	123.3	125.8	133.9	141.2	141.0	134.8	135.2	151.7	166.2	173.3
45°	159.0	159.4	167.3	181.7	192.0	188.7	197.4	217.0	223.6	229.9	235.1
42.5°	177.8	185.6	198.3	211.0	218.6	225.2	231.6	238.9	247.4	254.3	259.8
40°	196.1	202.4	215.3	225.5	231.8	238.0	245.5	253.5	261.3	267.4	271.5
37.5°	224.2	229.0	232.2	241.6	253.6	248.1	262.3	272.4	277.0	283.2	283.8
35°	266.6	263.4	259.2	296.9	299.2	286.4	299.7	315.4	307.1	324.4	333.7
32.5°	304.3	303.8	336.7	356.6	345.2	354.5	385.0	383.7	404.0	413.4	410.7
30°	339.8	351.8	370.9	385.7	387.7	402.4	415.9	427.8	440.1	451.1	451.9
27.5°	357.7	373.5	386.5	395.0	404.6	416.9	429.2	442.6	453.1	460.0	461.7
25°	368.6	384.8	394.5	403.8	414.3	425.0	438.8	453.4	461.7	466.0	467.3
22.5°	378.2	392.7	403.2	410.8	422.1	433.6	446.4	458.8	467.9	469.7	470.4
20°	387.5	401.4	419.0	430.0	429.4	442.4	454.8	464.6	472.2	472.1	472.3
17.5°	414.2	419.2	451.1	475.3	463.3	457.0	491.1	491.8	493.8	489.7	481.0
15°	453.8	462.9	502.1	528.3	520.1	519.7	568.9	556.7	567.1	564.4	576.2
12.5°	495.8	506.5	535.8	561.6	573.9	576.9	593.3	608.7	611.9	610.6	608.3
10°	524.3	539.6	551.4	567.1	579.5	592.1	601.6	612.7	616.3	614.2	611.2
7.5°	528.1	543.2	557.0	570.8	582.6	592.7	602.6	611.6	615.3	614.0	612.0
5°	530.4	544.1	557.5	571.5	582.7	592.2	602.0	611.1	613.3	611.8	609.9
2.5°	531.9	544.6	557.5	571.3	581.6	590.6	600.6	610.3	610.3	609.6	608.5
0°	532.6	545.3	560.3	572.8	584.3	592.8	602.7	612.1	611.5	609.7	607.7
-2.5°	534.1	547.0	562.3	572.7	585.6	593.4	603.6	611.8	611.5	610.6	609.6
-5°	535.4	549.9	564.3	575.2	588.2	598.4	608.5	614.9	615.3	614.0	612.3
-7.5°	536.3	552.3	566.0	577.0	589.6	601.4	611.7	618.4	618.6	616.9	614.9
-10°	536.0	552.9	567.0	578.4	591.2	602.9	613.7	622.2	621.9	620.4	618.7
-12.5°	535.0	551.9	566.3	577.7	592.3	604.4	616.5	625.0	625.4	624.3	622.4
-15°	532.8	550.2	564.3	576.7	591.0	605.1	617.5	626.9	628.6	627.6	626.2
-17.5°	528.4	546.8	561.7	575.1	588.9	603.9	618.0	628.2	630.5	630.1	628.9
-20°	522.6	541.7	556.7	570.8	585.8	601.2	617.7	627.0	630.3	630.5	629.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	516.1	534.7	550.8	564.6	580.8	596.5	611.4	622.3	627.9	628.9	629.0
-25°	508.3	527.4	543.4	558.1	573.2	589.4	604.4	616.6	622.3	625.0	625.8
-27.5°	497.3	517.1	532.8	548.3	563.7	580.4	596.2	609.5	614.1	617.8	619.3
-30°	484.5	504.0	520.0	534.2	551.8	568.8	585.1	596.7	603.6	607.8	610.2
-32.5°	469.7	489.4	506.2	521.0	537.7	554.8	570.1	582.3	591.9	596.7	599.2
-35°	453.7	473.8	491.3	507.0	522.7	538.9	554.8	567.6	578.5	582.7	585.7
-37.5°	434.3	456.5	474.5	490.6	505.6	520.8	537.4	552.0	562.5	566.6	569.9
-40°	414.4	435.9	454.1	471.3	486.1	502.7	518.6	534.0	543.1	547.9	551.6
-42.5°	393.5	412.9	430.1	446.8	463.3	480.4	496.4	512.3	520.2	525.9	530.5
-45°	369.3	387.3	404.1	419.7	436.7	453.6	469.5	483.5	493.0	500.4	506.2
-47.5°	337.0	359.0	375.8	390.7	407.6	423.8	439.3	452.5	462.8	471.5	478.2
-50°	304.3	325.3	344.3	361.0	376.7	391.7	406.4	419.4	430.3	439.7	446.5
-52.5°	272.0	291.8	310.6	327.8	342.8	357.0	370.5	383.5	395.1	405.2	411.8
-55°	235.5	256.0	274.7	290.8	305.7	319.8	333.0	345.4	356.8	367.1	373.4
-57.5°	201.3	219.3	236.6	251.5	265.7	279.1	291.6	303.4	314.4	324.0	330.1
-60°	169.9	183.0	197.9	211.6	224.2	235.5	247.3	258.3	268.4	276.9	282.5
-62.5°	142.1	153.0	163.8	174.2	184.4	194.6	204.4	213.6	221.9	228.9	233.9
-65°	117.4	126.1	133.9	141.3	148.3	156.4	163.9	170.9	177.4	182.8	186.6
-67.5°	96.6	102.8	108.2	113.2	118.8	124.5	129.8	134.5	138.5	141.6	144.1
-70°	77.9	82.4	86.5	90.5	94.6	98.3	101.8	105.3	108.6	111.2	113.2
-72.5°	61.0	64.1	66.9	70.0	72.9	75.7	78.2	80.2	81.7	83.2	84.5
-75°	46.5	48.8	52.0	54.6	56.8	58.7	60.5	62.0	63.4	64.7	65.7
-77.5°	37.4	39.4	41.4	43.3	45.2	46.6	47.8	49.1	50.4	51.4	52.4
-80°	27.7	29.2	30.7	32.3	33.8	34.6	35.2	35.8	36.3	36.9	37.5
-82.5°	17.0	17.8	18.6	19.5	20.4	20.6	20.6	20.6	20.5	20.3	19.9
-85°	7.6	7.6	7.6	7.5	7.3	7.0	6.7	6.3	5.8	5.7	5.6
-87.5°	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5
-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: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-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°	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	0.1	0.1	0.1
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
62.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3
60°	0.5	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.7	0.8	0.8
57.5°	3.0	2.2	1.9	1.8	1.9	2.2	3.0	3.5	3.8	11.6	14.0
55°	73.0	76.7	79.5	80.8	79.5	76.7	73.0	66.6	57.7	54.1	55.2
52.5°	101.3	102.9	103.8	103.8	103.8	102.9	101.3	99.6	97.6	94.3	91.2
50°	112.9	113.7	114.0	113.8	114.0	113.7	112.9	111.7	111.0	109.5	104.0
47.5°	166.8	152.4	141.8	139.2	141.8	152.4	166.8	173.3	166.2	151.7	135.2
45°	237.6	243.1	248.5	250.2	248.5	243.1	237.6	235.1	229.9	223.6	217.0
42.5°	262.1	263.9	265.0	265.0	265.0	263.9	262.1	259.8	254.3	247.4	238.9
40°	273.8	275.5	276.5	276.6	276.5	275.5	273.8	271.5	267.4	261.3	253.5
37.5°	284.4	285.9	286.8	287.8	286.8	285.9	284.4	283.8	283.2	277.0	272.4
35°	332.4	321.6	306.0	308.3	306.0	321.6	332.4	333.7	324.4	307.1	315.4
32.5°	415.0	419.6	422.4	427.3	422.4	419.6	415.0	410.7	413.4	404.0	383.7
30°	453.1	454.6	456.9	459.3	456.9	454.6	453.1	451.9	451.1	440.1	427.8
27.5°	462.6	464.1	465.5	466.6	465.5	464.1	462.6	461.7	460.0	453.1	442.6
25°	467.5	468.5	470.0	471.3	470.0	468.5	467.5	467.3	466.0	461.7	453.4
22.5°	470.0	470.1	471.3	472.9	471.3	470.1	470.0	470.4	469.7	467.9	458.8
20°	471.7	470.8	472.0	473.1	472.0	470.8	471.7	472.3	472.1	472.2	464.6
17.5°	493.3	481.0	475.9	476.0	475.9	481.0	493.3	481.0	489.7	493.8	491.8
15°	563.0	567.6	585.3	594.9	585.3	567.6	563.0	576.2	564.4	567.1	556.7
12.5°	607.9	606.3	604.2	607.0	604.2	606.3	607.9	608.3	610.6	611.9	608.7
10°	610.0	609.8	606.0	610.1	606.0	609.8	610.0	611.2	614.2	616.3	612.7
7.5°	608.7	608.8	607.2	611.2	607.2	608.8	608.7	612.0	614.0	615.3	611.6
5°	609.5	606.8	607.8	610.1	607.8	606.8	609.5	609.9	611.8	613.3	611.1
2.5°	607.2	606.9	604.9	606.5	604.9	606.9	607.2	608.5	609.6	610.3	610.3
0°	605.4	603.9	603.9	605.3	603.9	603.9	605.4	607.7	609.7	611.5	612.1
-2.5°	608.6	608.3	608.1	607.1	608.1	608.3	608.6	609.6	610.6	611.5	611.8
-5°	611.2	610.4	608.2	611.2	608.2	610.4	611.2	612.3	614.0	615.3	614.9
-7.5°	614.1	612.0	609.9	614.6	609.9	612.0	614.1	614.9	616.9	618.6	618.4
-10°	616.6	613.7	611.6	616.2	611.6	613.7	616.6	618.7	620.4	621.9	622.2
-12.5°	620.0	616.6	615.2	617.7	615.2	616.6	620.0	622.4	624.3	625.4	625.0
-15°	623.7	621.2	620.9	622.4	620.9	621.2	623.7	626.2	627.6	628.6	626.9
-17.5°	626.8	625.2	626.0	627.7	626.0	625.2	626.8	628.9	630.1	630.5	628.2
-20°	628.3	627.4	628.4	632.5	628.4	627.4	628.3	629.6	630.5	630.3	627.0



REPORT NUMBER: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	628.2	628.3	630.0	631.3	630.0	628.3	628.2	629.0	628.9	627.9	622.3
-25°	625.9	627.1	629.0	631.7	629.0	627.1	625.9	625.8	625.0	622.3	616.6
-27.5°	620.1	622.2	624.2	627.0	624.2	622.2	620.1	619.3	617.8	614.1	609.5
-30°	611.7	614.2	615.9	619.0	615.9	614.2	611.7	610.2	607.8	603.6	596.7
-32.5°	601.5	604.3	606.4	608.6	606.4	604.3	601.5	599.2	596.7	591.9	582.3
-35°	588.8	591.9	594.1	596.1	594.1	591.9	588.8	585.7	582.7	578.5	567.6
-37.5°	573.5	576.8	579.4	581.6	579.4	576.8	573.5	569.9	566.6	562.5	552.0
-40°	555.8	559.1	561.8	564.3	561.8	559.1	555.8	551.6	547.9	543.1	534.0
-42.5°	535.0	538.4	541.1	543.7	541.1	538.4	535.0	530.5	525.9	520.2	512.3
-45°	510.9	514.4	517.3	520.0	517.3	514.4	510.9	506.2	500.4	493.0	483.5
-47.5°	483.2	487.0	489.5	490.7	489.5	487.0	483.2	478.2	471.5	462.8	452.5
-50°	451.5	455.3	458.3	460.5	458.3	455.3	451.5	446.5	439.7	430.3	419.4
-52.5°	416.6	420.1	422.7	424.3	422.7	420.1	416.6	411.8	405.2	395.1	383.5
-55°	378.4	382.1	384.5	385.7	384.5	382.1	378.4	373.4	367.1	356.8	345.4
-57.5°	335.0	338.5	341.1	342.6	341.1	338.5	335.0	330.1	324.0	314.4	303.4
-60°	287.0	290.1	292.1	292.9	292.1	290.1	287.0	282.5	276.9	268.4	258.3
-62.5°	237.9	240.9	242.8	243.5	242.8	240.9	237.9	233.9	228.9	221.9	213.6
-65°	189.4	191.3	192.3	192.4	192.3	191.3	189.4	186.6	182.8	177.4	170.9
-67.5°	146.1	147.5	148.4	148.7	148.4	147.5	146.1	144.1	141.6	138.5	134.5
-70°	114.6	115.6	116.2	116.3	116.2	115.6	114.6	113.2	111.2	108.6	105.3
-72.5°	85.5	86.2	85.9	85.3	85.9	86.2	85.5	84.5	83.2	81.7	80.2
-75°	66.7	67.5	67.1	66.6	67.1	67.5	66.7	65.7	64.7	63.4	62.0
-77.5°	53.3	54.0	53.6	53.1	53.6	54.0	53.3	52.4	51.4	50.4	49.1
-80°	38.1	38.5	38.8	38.9	38.8	38.5	38.1	37.5	36.9	36.3	35.8
-82.5°	19.4	18.9	18.5	18.1	18.5	18.9	19.4	19.9	20.3	20.5	20.6
-85°	5.5	5.4	5.4	5.5	5.4	5.4	5.5	5.6	5.7	5.8	6.3
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.5
-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: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-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°	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
62.5°	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.5
60°	0.7	0.5	0.8	0.9	0.7	1.2	2.1	1.9	0.5	3.0	3.5
57.5°	8.9	7.4	15.5	15.5	6.5	8.8	11.7	7.7	5.1	8.6	11.4
55°	62.3	57.1	49.6	48.8	51.4	39.0	32.6	31.4	24.6	16.0	19.0
52.5°	87.9	82.6	77.6	72.8	68.9	64.8	58.6	52.0	49.9	40.2	31.0
50°	99.4	104.5	99.5	87.3	89.5	83.5	74.9	67.9	69.3	63.4	51.1
47.5°	134.8	141.0	141.2	133.9	125.8	123.3	110.6	88.7	90.2	89.9	76.9
45°	197.4	188.7	192.0	181.7	167.3	159.4	159.0	135.6	113.9	110.3	109.0
42.5°	231.6	225.2	218.6	211.0	198.3	185.6	177.8	164.6	147.2	131.8	126.3
40°	245.5	238.0	231.8	225.5	215.3	202.4	196.1	178.7	165.6	152.2	147.8
37.5°	262.3	248.1	253.6	241.6	232.2	229.0	224.2	206.1	177.1	174.6	172.3
35°	299.7	286.4	299.2	296.9	259.2	263.4	266.6	244.5	214.1	197.5	197.9
32.5°	385.0	354.5	345.2	356.6	336.7	303.8	304.3	297.6	256.0	232.0	221.4
30°	415.9	402.4	387.7	385.7	370.9	351.8	339.8	323.6	293.3	265.9	247.9
27.5°	429.2	416.9	404.6	395.0	386.5	373.5	357.7	338.7	317.2	292.6	275.1
25°	438.8	425.0	414.3	403.8	394.5	384.8	368.6	350.1	330.0	310.2	291.4
22.5°	446.4	433.6	422.1	410.8	403.2	392.7	378.2	359.1	345.6	333.0	308.6
20°	454.8	442.4	429.4	430.0	419.0	401.4	387.5	377.9	376.1	361.9	330.4
17.5°	491.1	457.0	463.3	475.3	451.1	419.2	414.2	414.7	408.9	395.7	356.5
15°	568.9	519.7	520.1	528.3	502.1	462.9	453.8	452.7	443.5	429.0	384.1
12.5°	593.3	576.9	573.9	561.6	535.8	506.5	495.8	489.9	473.1	444.9	404.0
10°	601.6	592.1	579.5	567.1	551.4	539.6	524.3	503.2	479.2	452.1	418.8
7.5°	602.6	592.7	582.6	570.8	557.0	543.2	528.1	507.1	483.9	457.2	429.2
5°	602.0	592.2	582.7	571.5	557.5	544.1	530.4	509.6	487.0	460.6	436.1
2.5°	600.6	590.6	581.6	571.3	557.5	544.6	531.9	512.4	489.3	463.4	438.3
0°	602.7	592.8	584.3	572.8	560.3	545.3	532.6	515.3	490.3	465.2	439.2
-2.5°	603.6	593.4	585.6	572.7	562.3	547.0	534.1	517.4	492.4	468.5	441.3
-5°	608.5	598.4	588.2	575.2	564.3	549.9	535.4	518.3	493.9	470.3	442.2
-7.5°	611.7	601.4	589.6	577.0	566.0	552.3	536.3	518.3	495.3	470.2	442.7
-10°	613.7	602.9	591.2	578.4	567.0	552.9	536.0	517.9	495.0	469.1	441.7
-12.5°	616.5	604.4	592.3	577.7	566.3	551.9	535.0	516.9	492.9	467.1	439.1
-15°	617.5	605.1	591.0	576.7	564.3	550.2	532.8	513.8	489.2	463.9	435.0
-17.5°	618.0	603.9	588.9	575.1	561.7	546.8	528.4	508.2	484.5	458.3	429.6
-20°	617.7	601.2	585.8	570.8	556.7	541.7	522.6	502.6	477.7	451.1	422.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	611.4	596.5	580.8	564.6	550.8	534.7	516.1	495.4	468.8	443.1	413.5
-25°	604.4	589.4	573.2	558.1	543.4	527.4	508.3	484.9	459.6	432.9	402.6
-27.5°	596.2	580.4	563.7	548.3	532.8	517.1	497.3	473.7	449.4	420.2	390.8
-30°	585.1	568.8	551.8	534.2	520.0	504.0	484.5	461.6	435.5	406.6	378.6
-32.5°	570.1	554.8	537.7	521.0	506.2	489.4	469.7	446.9	419.5	392.2	363.1
-35°	554.8	538.9	522.7	507.0	491.3	473.8	453.7	428.9	402.7	375.6	345.4
-37.5°	537.4	520.8	505.6	490.6	474.5	456.5	434.3	410.4	384.8	355.0	326.3
-40°	518.6	502.7	486.1	471.3	454.1	435.9	414.4	391.2	363.1	333.6	306.6
-42.5°	496.4	480.4	463.3	446.8	430.1	412.9	393.5	368.3	340.4	312.7	284.6
-45°	469.5	453.6	436.7	419.7	404.1	387.3	369.3	342.4	314.9	288.5	261.6
-47.5°	439.3	423.8	407.6	390.7	375.8	359.0	337.0	312.0	287.7	262.5	235.0
-50°	406.4	391.7	376.7	361.0	344.3	325.3	304.3	282.5	258.4	232.5	207.3
-52.5°	370.5	357.0	342.8	327.8	310.6	291.8	272.0	248.9	224.8	202.9	180.0
-55°	333.0	319.8	305.7	290.8	274.7	256.0	235.5	214.5	194.8	174.6	157.1
-57.5°	291.6	279.1	265.7	251.5	236.6	219.3	201.3	183.5	167.9	152.2	136.3
-60°	247.3	235.5	224.2	211.6	197.9	183.0	169.9	156.7	143.6	131.0	118.2
-62.5°	204.4	194.6	184.4	174.2	163.8	153.0	142.1	132.0	121.6	110.9	101.5
-65°	163.9	156.4	148.3	141.3	133.9	126.1	117.4	109.4	101.8	94.0	86.0
-67.5°	129.8	124.5	118.8	113.2	108.2	102.8	96.6	90.2	84.2	78.4	72.5
-70°	101.8	98.3	94.6	90.5	86.5	82.4	77.9	73.2	68.3	64.0	59.9
-72.5°	78.2	75.7	72.9	70.0	66.9	64.1	61.0	57.8	54.6	51.3	48.2
-75°	60.5	58.7	56.8	54.6	52.0	48.8	46.5	45.0	43.0	40.6	38.0
-77.5°	47.8	46.6	45.2	43.3	41.4	39.4	37.4	35.5	33.6	31.8	30.1
-80°	35.2	34.6	33.8	32.3	30.7	29.2	27.7	26.5	25.4	24.2	22.7
-82.5°	20.6	20.6	20.4	19.5	18.6	17.8	17.0	16.1	15.2	14.3	13.3
-85°	6.7	7.0	7.3	7.5	7.6	7.6	7.6	7.3	7.1	6.8	6.4
-87.5°	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.8	1.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-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°	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
80°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3
77.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3
72.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.3
70°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.3
65°	0.2	0.3	0.3	0.4	0.3	0.2	0.3	0.6	0.4	0.4	0.3
62.5°	0.4	0.3	0.9	1.2	0.6	0.5	0.4	1.2	0.8	0.5	0.4
60°	1.1	0.9	2.4	3.8	2.7	0.9	1.3	2.1	1.9	0.6	0.5
57.5°	9.9	3.4	4.9	7.1	7.0	3.8	2.8	3.7	3.2	1.8	0.7
55°	21.2	17.8	11.7	10.7	11.6	9.4	6.1	6.0	4.9	3.4	1.2
52.5°	29.0	30.3	26.4	18.4	16.0	15.3	11.9	8.7	7.7	5.1	3.0
50°	42.0	39.1	38.7	32.5	22.5	20.3	17.6	13.6	10.9	7.3	5.0
47.5°	59.3	52.1	48.3	45.5	35.9	25.9	23.1	18.6	14.3	10.6	7.1
45°	84.7	67.3	59.9	55.4	49.1	36.5	28.9	23.4	18.6	14.2	9.4
42.5°	110.3	87.1	73.3	65.9	59.4	48.4	35.1	29.0	22.8	17.9	12.2
40°	132.9	107.4	87.3	77.9	69.5	59.9	45.2	35.0	27.0	21.6	15.5
37.5°	160.0	130.6	103.4	90.4	80.3	69.5	55.4	41.2	31.9	25.6	18.7
35°	186.3	160.5	121.4	105.4	92.3	79.3	65.2	48.6	38.0	29.6	21.9
32.5°	214.5	188.7	148.7	122.3	104.7	89.4	74.4	57.6	44.1	33.7	25.2
30°	236.7	207.3	172.6	139.2	118.1	100.6	83.6	66.2	50.3	37.8	28.4
27.5°	248.5	223.4	191.5	157.9	133.3	112.1	93.0	74.4	56.4	42.3	31.8
25°	260.7	234.7	204.9	174.4	148.3	124.3	102.5	82.3	63.1	47.4	35.2
22.5°	275.2	244.3	216.3	187.4	163.8	136.6	112.3	90.2	69.8	52.4	38.4
20°	289.9	253.2	227.5	205.2	179.0	150.0	122.6	98.0	76.1	57.3	41.7
17.5°	305.2	269.5	246.6	222.4	194.1	163.0	132.8	105.5	82.1	62.0	44.8
15°	331.9	293.7	265.8	239.3	209.2	175.4	142.7	112.7	87.6	66.5	47.7
12.5°	356.2	316.4	285.0	255.5	224.0	187.3	152.3	119.6	92.7	70.1	50.3
10°	376.3	337.3	303.9	271.1	238.3	198.6	161.4	125.2	95.8	72.8	52.7
7.5°	392.7	356.7	322.5	286.0	250.7	205.9	166.0	128.4	98.2	75.1	54.9
5°	404.6	369.6	332.3	291.2	254.5	208.9	169.1	131.1	100.1	77.0	56.8
2.5°	408.0	373.6	336.0	294.0	257.2	210.8	171.4	133.1	101.6	78.6	58.6
0°	410.0	376.2	338.3	295.7	258.5	211.7	172.7	134.5	102.6	79.8	60.1
-2.5°	412.8	378.4	340.5	300.2	259.4	214.6	173.5	135.4	103.9	80.2	61.0
-5°	414.1	379.3	341.6	303.2	259.1	216.3	173.4	135.7	104.8	80.4	61.6
-7.5°	413.5	379.0	341.6	304.2	258.0	216.7	172.4	135.4	105.2	80.3	62.0
-10°	411.7	377.5	340.3	301.7	256.9	215.2	170.8	134.6	105.0	80.0	62.2
-12.5°	408.8	374.6	337.6	298.2	254.6	212.0	168.8	133.1	104.2	79.4	62.1
-15°	405.2	370.5	333.6	293.8	250.9	207.8	165.8	130.9	102.5	78.8	61.7
-17.5°	400.5	365.0	328.1	288.5	245.7	202.6	161.8	128.2	100.4	78.0	61.0
-20°	392.0	357.7	321.2	282.4	238.9	196.4	156.8	124.7	98.0	76.9	59.9

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Scaled Data Report



REPORT NUMBER: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	382.6	348.7	312.6	274.3	230.8	189.3	150.7	120.6	95.1	75.5	58.6
-25°	372.5	338.4	302.5	263.1	221.8	181.8	144.6	115.9	91.9	73.7	57.1
-27.5°	360.6	326.9	291.1	250.7	211.4	173.1	138.8	111.7	88.8	71.6	55.5
-30°	347.2	313.3	276.9	237.5	199.9	163.1	132.2	107.2	86.2	69.4	53.6
-32.5°	331.9	298.3	261.1	224.0	187.8	152.4	125.0	102.4	83.2	66.9	51.8
-35°	314.6	280.9	244.4	209.4	175.0	143.8	117.9	97.3	79.8	64.3	50.0
-37.5°	296.5	262.2	227.7	194.3	161.3	134.5	111.6	92.3	76.0	61.5	48.0
-40°	275.8	243.0	210.1	178.6	149.6	124.5	104.7	87.4	72.4	58.5	45.8
-42.5°	254.5	222.8	191.8	162.1	137.9	116.3	97.5	82.1	68.5	55.6	43.4
-45°	231.5	201.5	172.4	148.2	126.1	107.6	91.2	76.6	64.4	52.6	40.9
-47.5°	207.2	179.1	154.7	133.7	116.0	98.9	84.5	71.8	60.1	49.5	38.4
-50°	181.6	158.2	138.4	121.1	105.1	91.2	77.8	66.8	56.2	46.0	35.8
-52.5°	158.8	140.0	123.7	108.9	95.6	82.9	72.1	61.6	52.2	42.6	33.1
-55°	139.3	123.9	110.2	97.8	86.1	75.9	66.1	57.1	48.1	39.3	30.4
-57.5°	122.5	109.1	98.0	87.3	77.6	68.9	60.6	52.4	44.1	35.8	28.2
-60°	106.3	96.3	86.5	77.8	69.7	62.3	55.5	47.8	40.1	32.3	25.8
-62.5°	92.3	83.8	76.4	68.8	62.0	56.0	50.4	43.2	36.0	29.1	23.1
-65°	79.2	72.7	66.4	60.3	54.7	49.6	45.0	38.5	31.8	25.7	20.4
-67.5°	66.8	61.8	56.9	51.8	47.4	43.3	39.3	33.5	27.5	22.1	17.7
-70°	55.7	51.5	47.6	43.8	40.2	36.8	33.1	28.1	23.0	18.9	14.9
-72.5°	45.2	42.1	38.9	35.8	33.1	30.1	26.7	22.8	19.2	15.6	12.1
-75°	35.5	33.5	31.2	28.7	26.3	23.5	21.3	18.6	15.5	12.3	9.7
-77.5°	28.4	26.4	24.1	22.2	20.5	18.7	16.6	14.3	11.8	9.6	7.5
-80°	20.9	19.4	18.1	17.0	15.5	13.8	12.1	10.4	8.6	6.8	5.3
-82.5°	12.7	12.4	12.0	11.5	10.3	9.0	7.8	6.6	5.3	4.1	3.4
-85°	6.4	6.2	6.0	5.8	5.0	4.2	3.9	3.5	3.1	2.7	2.3
-87.5°	2.1	2.3	2.4	2.5	2.3	2.1	2.0	1.8	1.5	1.3	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P645295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-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°	0.1	0.1	0.1	0.0	0.0	0.0	0.0
85°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
82.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
80°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
77.5°	0.3	0.3	0.3	0.2	0.1	0.1	0.0
75°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
72.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
70°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
67.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
65°	0.4	0.4	0.3	0.3	0.3	0.1	0.0
62.5°	0.5	0.5	0.4	0.3	0.3	0.2	0.0
60°	0.5	0.6	0.4	0.3	0.3	0.2	0.0
57.5°	0.9	0.7	0.5	0.4	0.3	0.2	0.0
55°	1.5	0.8	0.6	0.4	0.3	0.2	0.0
52.5°	2.1	1.0	0.7	0.4	0.4	0.2	0.0
50°	2.8	1.7	0.8	0.4	0.4	0.2	0.0
47.5°	3.8	2.4	1.0	0.4	0.4	0.2	0.0
45°	5.8	3.2	1.1	0.5	0.4	0.3	0.0
42.5°	7.8	4.1	1.2	0.6	0.4	0.3	0.0
40°	9.8	5.0	1.7	0.8	0.4	0.3	0.0
37.5°	11.9	5.9	2.4	0.9	0.4	0.3	0.0
35°	14.0	7.4	3.1	1.1	0.5	0.3	0.0
32.5°	16.3	9.0	3.8	1.3	0.5	0.3	0.0
30°	19.0	10.7	4.5	1.5	0.5	0.3	0.0
27.5°	21.5	12.3	5.4	1.8	0.5	0.3	0.0
25°	24.0	13.9	6.3	2.0	0.5	0.3	0.0
22.5°	26.5	15.6	7.3	2.3	0.6	0.4	0.0
20°	28.8	17.3	8.2	2.5	0.6	0.4	0.0
17.5°	31.1	19.0	9.1	2.8	0.6	0.4	0.0
15°	33.4	20.7	9.9	3.0	0.6	0.4	0.0
12.5°	35.4	22.2	10.8	3.3	0.6	0.4	0.0
10°	37.4	23.7	11.6	3.6	0.6	0.4	0.0
7.5°	39.2	25.1	12.4	3.8	0.7	0.4	0.0
5°	40.8	26.3	13.1	4.1	0.7	0.4	0.0
2.5°	42.2	27.5	13.7	4.3	0.7	0.4	0.0
0°	43.5	28.5	14.3	4.5	0.7	0.4	0.0
-2.5°	44.1	29.2	14.8	4.8	0.8	0.4	0.0
-5°	44.6	29.7	15.3	5.0	0.9	0.4	0.0
-7.5°	44.9	30.0	15.7	5.3	1.0	0.5	0.0
-10°	45.0	30.3	16.0	5.5	1.1	0.5	0.0
-12.5°	45.0	30.4	16.2	5.6	1.2	0.5	0.0
-15°	44.8	30.3	16.2	5.8	1.3	0.5	0.0
-17.5°	44.5	30.1	16.2	5.9	1.4	0.5	0.0
-20°	44.0	29.8	16.1	5.9	1.4	0.6	0.0

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CATALOG NUMBER: GFLD-SA1A-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	43.3	29.4	15.9	5.9	1.5	0.6	0.0
-25°	42.4	28.6	15.5	5.9	1.6	0.6	0.0
-27.5°	41.3	27.8	15.1	5.8	1.6	0.6	0.0
-30°	40.0	26.8	14.5	5.7	1.6	0.6	0.0
-32.5°	38.6	25.6	13.9	5.5	1.7	0.6	0.0
-35°	37.1	24.4	13.1	5.3	1.7	0.6	0.0
-37.5°	35.4	23.2	12.3	5.1	1.7	0.6	0.0
-40°	33.7	22.0	11.4	4.7	1.7	0.6	0.0
-42.5°	31.8	20.8	10.8	4.4	1.7	0.6	0.0
-45°	29.8	19.5	10.3	4.1	1.7	0.6	0.0
-47.5°	27.6	18.2	9.8	3.7	1.7	0.5	0.0
-50°	25.9	16.7	9.1	3.5	1.6	0.5	0.0
-52.5°	24.1	15.2	8.5	3.5	1.6	0.5	0.0
-55°	22.2	14.1	7.7	3.4	1.5	0.5	0.0
-57.5°	20.3	13.0	6.8	3.2	1.4	0.5	0.0
-60°	18.4	11.7	5.9	3.0	1.4	0.4	0.0
-62.5°	16.6	10.4	5.5	2.8	1.3	0.4	0.0
-65°	14.7	8.9	5.0	2.6	1.2	0.4	0.0
-67.5°	12.7	7.7	4.5	2.3	1.1	0.3	0.0
-70°	10.5	6.7	3.9	2.0	1.0	0.3	0.0
-72.5°	8.9	5.7	3.3	1.8	0.9	0.3	0.0
-75°	7.3	4.6	2.6	1.5	0.8	0.2	0.0
-77.5°	5.6	3.4	2.2	1.3	0.6	0.2	0.0
-80°	3.8	2.6	1.7	1.0	0.5	0.2	0.0
-82.5°	2.8	2.0	1.3	0.8	0.4	0.1	0.0
-85°	1.9	1.3	0.9	0.5	0.3	0.1	0.0
-87.5°	0.9	0.7	0.4	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)