

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: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-730-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N18
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

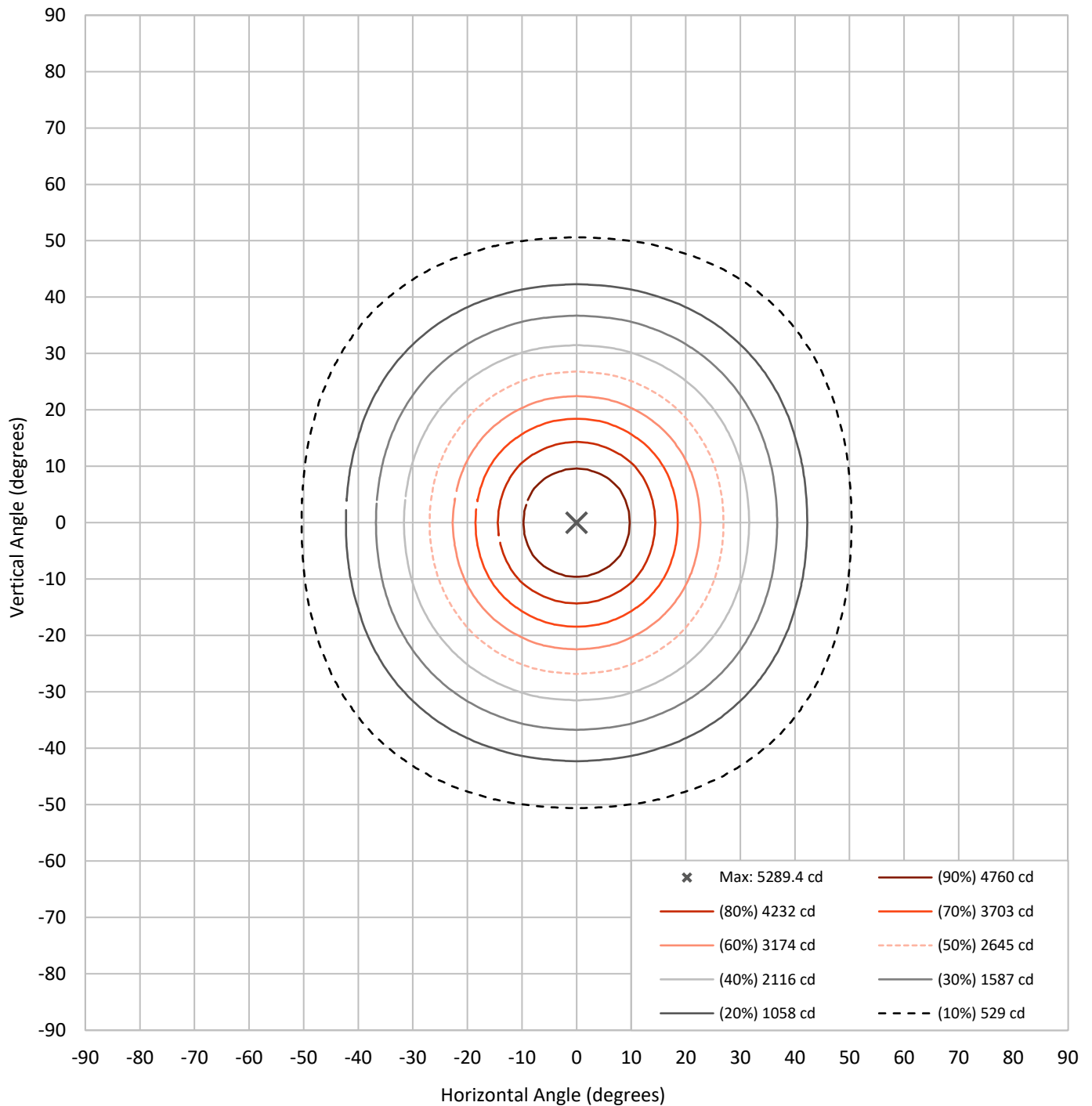
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5383.4 lumens	Max Intensity:	5289.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2574 lumens	Field Lumens:	4751 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





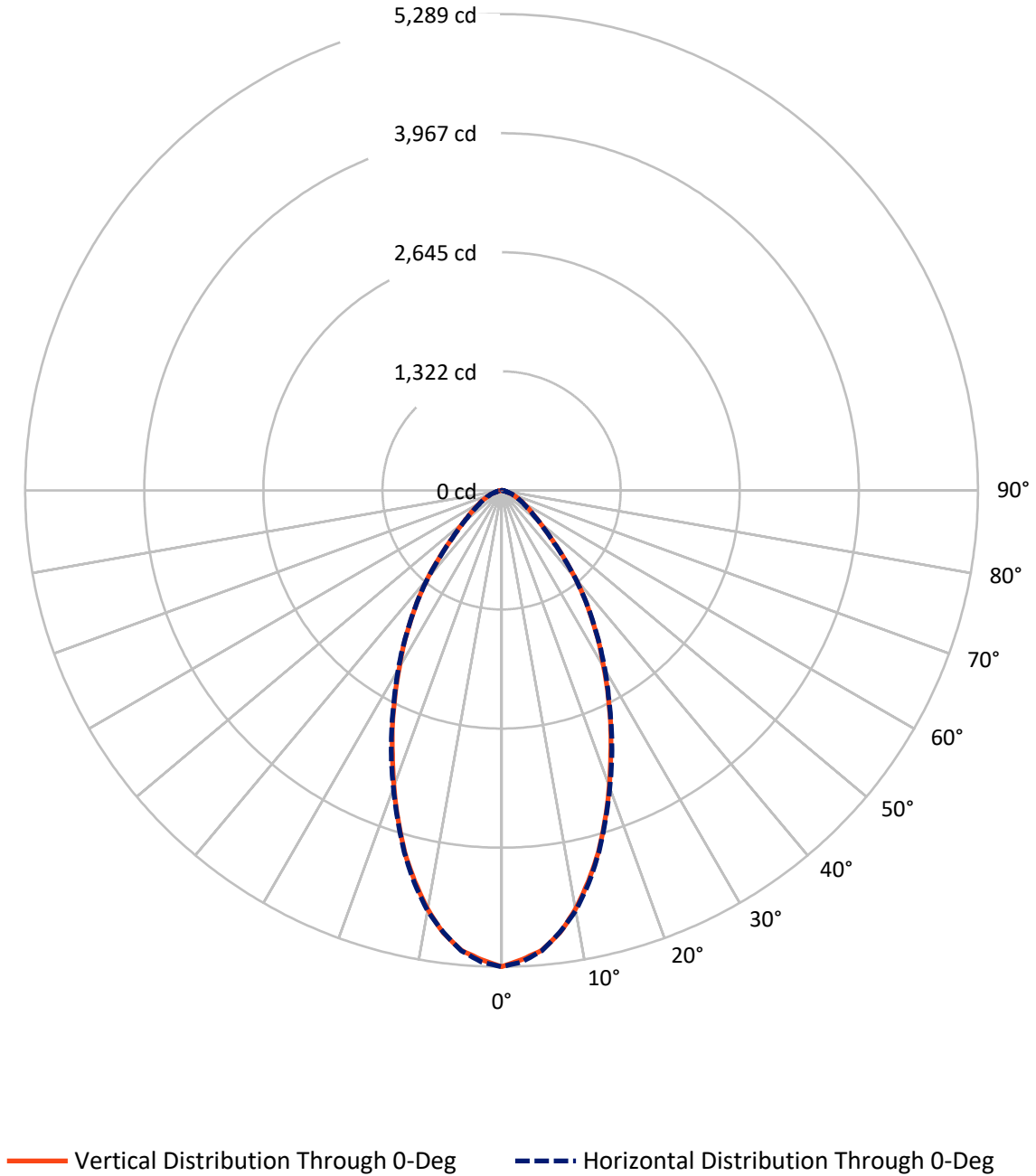
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Lumen Table

90	0.2	1.5	3.4	5.6	4.8	5.6	3.4	1.5	0.2							
80	0.2	1.5	3.4	5.6	4.8	5.6	3.4	1.5	0.2							
70	0.7	0.8	1.5	2.5	3.6	4.7	5.5	5.9	5.9	5.5	4.7	3.6	2.5	1.5	0.8	0.7
60		1.2	2.3	4.0	6.2	8.5	10.6	11.9	11.9	10.6	8.5	6.2	4.0	2.3	1.2	
50	1.0	1.5	3.2	6.0	10.2	15.6	21.5	25.5	25.5	21.5	15.6	10.2	6.0	3.2	1.5	1.0
40		1.8	4.2	8.8	17.1	30.3	44.0	52.2	52.2	44.0	30.3	17.1	8.8	4.2	1.8	
30	1.2	2.1	5.3	12.3	27.6	49.6	70.9	84.8	84.8	70.9	49.6	27.6	12.3	5.3	2.1	1.2
20		2.3	6.2	15.9	37.6	67.0	98.8	121.6	121.6	98.8	67.0	37.6	15.9	6.2	2.3	
10	1.3	2.5	6.7	18.3	43.3	77.8	118.4	149.0	149.0	118.4	77.8	43.3	18.3	6.7	2.5	1.3
0		2.5	6.7	18.3	43.3	77.8	118.4	149.0	149.0	118.4	77.8	43.3	18.3	6.7	2.5	
-10	1.2	2.3	6.2	15.9	37.6	67.0	98.8	121.6	121.6	98.8	67.0	37.6	15.9	6.2	2.3	1.2
-20		2.1	5.3	12.3	27.6	49.6	70.9	84.8	84.8	70.9	49.6	27.6	12.3	5.3	2.1	
-30	1.0	1.8	4.2	8.8	17.1	30.3	44.0	52.2	52.2	44.0	30.3	17.1	8.8	4.2	1.8	1.0
-40		1.5	3.2	6.0	10.2	15.6	21.5	25.5	25.5	21.5	15.6	10.2	6.0	3.2	1.5	
-50	0.7	1.2	2.3	4.0	6.2	8.5	10.6	11.9	11.9	10.6	8.5	6.2	4.0	2.3	1.2	0.7
-60		0.8	1.5	2.5	3.6	4.7	5.5	5.9	5.9	5.5	4.7	3.6	2.5	1.5	0.8	
-70	0.2	1.5	3.4	5.6	4.8	5.6	3.4	1.5	0.2							
-80		0.2	1.5	3.4	5.6	4.8	5.6	3.4	1.5	0.2						
-90	0.2	1.5	3.4	5.6	4.8	5.6	3.4	1.5	0.2							

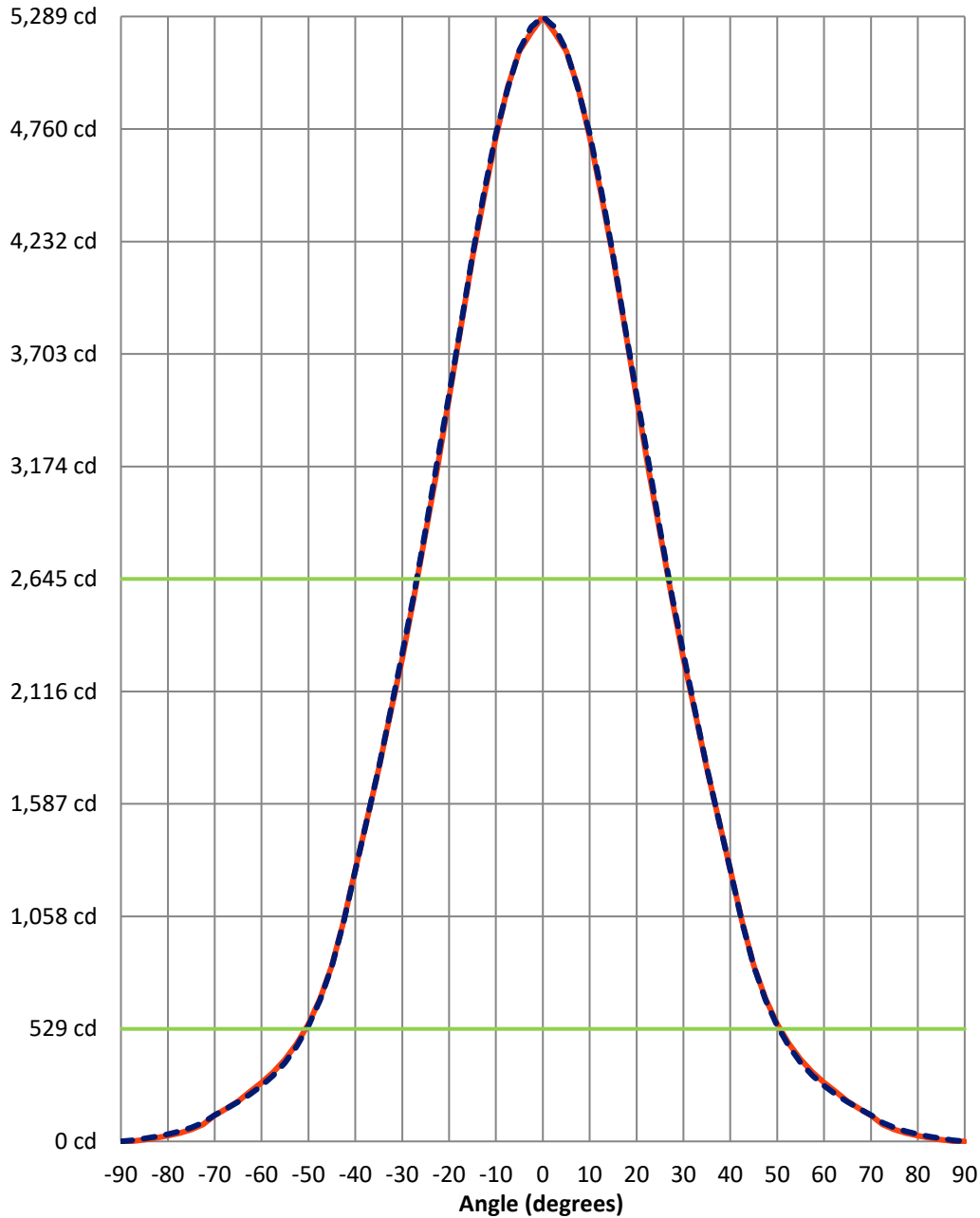
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2574
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 4751
 Efficiency: 88.3%

Spill:
 Lumens: 632.4
 Efficiency: 11.7%

— 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	0.3	0.6	1.0	1.5	2.0	2.5	2.8	3.0	3.2	3.3
85°	0.0	0.5	1.2	2.0	2.9	3.9	5.0	5.6	6.0	6.4	6.7
82.5°	0.0	0.8	1.8	3.0	4.4	5.8	7.5	8.3	9.2	10.7	12.0
80°	0.0	1.1	2.5	4.0	5.8	7.8	10.2	12.7	14.8	16.8	18.5
77.5°	0.0	1.3	3.1	5.0	7.2	10.1	14.5	17.8	20.4	22.8	25.2
75°	0.0	1.6	3.6	6.0	8.7	13.2	18.8	22.8	26.0	29.3	32.8
72.5°	0.0	1.8	4.2	6.9	10.8	16.2	22.9	27.8	31.7	35.8	40.2
70°	0.0	2.1	4.8	7.9	12.8	19.1	26.8	32.5	37.2	42.2	48.1
67.5°	0.0	2.3	5.3	9.1	14.7	21.9	30.1	37.1	42.6	48.8	55.9
65°	0.0	2.6	5.8	10.3	16.5	24.4	33.4	41.6	47.9	55.2	63.3
62.5°	0.0	2.8	6.4	11.4	18.3	26.7	36.4	45.8	53.1	61.3	70.2
60°	0.0	3.0	6.8	12.4	19.9	28.9	39.2	49.9	57.9	67.3	76.8
57.5°	0.0	3.2	7.4	13.4	21.4	30.9	41.8	53.5	62.9	73.0	83.0
55°	0.0	3.4	8.0	14.3	22.8	32.8	44.1	56.4	67.7	78.4	88.9
52.5°	0.0	3.6	8.6	15.1	24.0	34.5	46.3	59.5	72.4	83.7	94.6
50°	0.0	3.8	9.1	15.9	25.2	36.1	48.3	62.5	76.9	88.8	101.0
47.5°	0.0	4.0	9.6	16.6	26.2	37.5	50.1	65.2	81.3	93.8	107.1
45°	0.0	4.2	10.1	17.2	27.1	38.8	52.1	67.6	84.5	99.2	113.1
42.5°	0.0	4.3	10.5	17.8	27.9	39.9	54.0	70.0	87.4	104.3	119.3
40°	0.0	4.5	10.9	18.5	28.6	40.8	55.6	72.4	90.3	109.1	125.3
37.5°	0.0	4.6	11.3	19.2	29.3	41.6	57.0	74.5	93.5	112.9	131.0
35°	0.0	4.7	11.7	19.8	29.8	42.4	58.1	76.3	96.5	117.1	136.8
32.5°	0.0	4.8	12.0	20.3	30.2	43.2	59.2	78.0	99.3	121.3	142.8
30°	0.0	4.9	12.3	20.8	30.5	43.9	60.3	79.6	102.1	125.6	148.4
27.5°	0.0	5.0	12.6	21.3	31.1	44.3	61.3	81.5	104.9	129.9	153.6
25°	0.0	5.1	12.8	21.7	31.8	44.6	62.0	83.3	108.1	134.1	158.5
22.5°	0.0	5.1	13.1	22.0	32.3	44.9	62.6	84.8	111.1	138.0	163.9
20°	0.0	5.2	13.2	22.3	32.8	45.7	62.9	86.2	114.0	141.5	168.7
17.5°	0.0	5.2	13.4	22.5	33.2	46.4	63.6	87.2	116.6	144.5	172.9
15°	0.0	5.3	13.5	22.6	33.5	46.9	64.4	88.2	118.9	147.2	176.6
12.5°	0.0	5.3	13.6	22.7	33.7	47.3	65.0	89.1	120.9	149.4	179.6
10°	0.0	5.3	13.6	22.8	33.9	47.5	65.4	89.6	122.5	151.2	182.0
7.5°	0.0	5.3	13.6	22.8	33.9	47.6	65.6	89.7	123.5	152.6	183.9
5°	0.0	5.3	13.6	22.7	33.9	47.6	65.5	89.5	124.1	153.6	185.2
2.5°	0.0	5.2	13.6	22.6	33.8	47.4	65.2	88.9	124.2	154.0	185.8
0°	0.0	5.2	13.5	22.4	33.6	47.1	64.7	87.9	123.7	154.0	185.8
-2.5°	0.0	5.2	13.6	22.6	33.8	47.4	65.2	88.9	124.2	154.0	185.8
-5°	0.0	5.3	13.6	22.7	33.9	47.6	65.5	89.5	124.1	153.6	185.2
-7.5°	0.0	5.3	13.6	22.8	33.9	47.6	65.6	89.7	123.5	152.6	183.9
-10°	0.0	5.3	13.6	22.8	33.9	47.5	65.4	89.6	122.5	151.2	182.0
-12.5°	0.0	5.3	13.6	22.7	33.7	47.3	65.0	89.1	120.9	149.4	179.6
-15°	0.0	5.3	13.5	22.6	33.5	46.9	64.4	88.2	118.9	147.2	176.6
-17.5°	0.0	5.2	13.4	22.5	33.2	46.4	63.6	87.2	116.6	144.5	172.9
-20°	0.0	5.2	13.2	22.3	32.8	45.7	62.9	86.2	114.0	141.5	168.7

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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	5.1	13.1	22.0	32.3	44.9	62.6	84.8	111.1	138.0	163.9
-25°	0.0	5.1	12.8	21.7	31.8	44.6	62.0	83.3	108.1	134.1	158.5
-27.5°	0.0	5.0	12.6	21.3	31.1	44.3	61.3	81.5	104.9	129.9	153.6
-30°	0.0	4.9	12.3	20.8	30.5	43.9	60.3	79.6	102.1	125.6	148.4
-32.5°	0.0	4.8	12.0	20.3	30.2	43.2	59.2	78.0	99.3	121.3	142.8
-35°	0.0	4.7	11.7	19.8	29.8	42.4	58.1	76.3	96.5	117.1	136.8
-37.5°	0.0	4.6	11.3	19.2	29.3	41.6	57.0	74.5	93.5	112.9	131.0
-40°	0.0	4.5	10.9	18.5	28.6	40.8	55.6	72.4	90.3	109.1	125.3
-42.5°	0.0	4.3	10.5	17.8	27.9	39.9	54.0	70.0	87.4	104.3	119.3
-45°	0.0	4.2	10.1	17.2	27.1	38.8	52.1	67.6	84.5	99.2	113.1
-47.5°	0.0	4.0	9.6	16.6	26.2	37.5	50.1	65.2	81.3	93.8	107.1
-50°	0.0	3.8	9.1	15.9	25.2	36.1	48.3	62.5	76.9	88.8	101.0
-52.5°	0.0	3.6	8.6	15.1	24.0	34.5	46.3	59.5	72.4	83.7	94.6
-55°	0.0	3.4	8.0	14.3	22.8	32.8	44.1	56.4	67.7	78.4	88.9
-57.5°	0.0	3.2	7.4	13.4	21.4	30.9	41.8	53.5	62.9	73.0	83.0
-60°	0.0	3.0	6.8	12.4	19.9	28.9	39.2	49.9	57.9	67.3	76.8
-62.5°	0.0	2.8	6.4	11.4	18.3	26.7	36.4	45.8	53.1	61.3	70.2
-65°	0.0	2.6	5.8	10.3	16.5	24.4	33.4	41.6	47.9	55.2	63.3
-67.5°	0.0	2.3	5.3	9.1	14.7	21.9	30.1	37.1	42.6	48.8	55.9
-70°	0.0	2.1	4.8	7.9	12.8	19.1	26.8	32.5	37.2	42.2	48.1
-72.5°	0.0	1.8	4.2	6.9	10.8	16.2	22.9	27.8	31.7	35.8	40.2
-75°	0.0	1.6	3.6	6.0	8.7	13.2	18.8	22.8	26.0	29.3	32.8
-77.5°	0.0	1.3	3.1	5.0	7.2	10.1	14.5	17.8	20.4	22.8	25.2
-80°	0.0	1.1	2.5	4.0	5.8	7.8	10.2	12.7	14.8	16.8	18.5
-82.5°	0.0	0.8	1.8	3.0	4.4	5.8	7.5	8.3	9.2	10.7	12.0
-85°	0.0	0.5	1.2	2.0	2.9	3.9	5.0	5.6	6.0	6.4	6.7
-87.5°	0.0	0.3	0.6	1.0	1.5	2.0	2.5	2.8	3.0	3.2	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.3	3.2	3.1	2.9	2.7	2.4	2.5	2.6	2.7
85°	6.8	6.8	7.3	7.8	8.1	8.1	8.0	7.6	8.6	9.7	10.9
82.5°	13.2	14.3	15.4	16.4	16.5	16.3	15.8	15.2	17.2	19.6	22.1
80°	20.2	21.9	23.8	25.6	26.1	25.9	25.3	24.4	27.0	30.7	34.8
77.5°	28.0	30.7	33.2	35.5	36.2	36.0	35.6	34.9	38.2	43.4	48.8
75°	36.3	39.5	42.7	45.5	46.7	46.8	46.6	47.4	51.9	57.9	63.3
72.5°	44.9	49.0	52.6	55.7	57.6	59.1	61.1	63.5	67.9	73.9	79.1
70°	54.0	58.5	62.3	65.8	68.7	72.0	76.1	80.2	84.9	90.8	96.3
67.5°	63.0	67.6	71.8	76.1	81.5	86.7	91.8	97.2	103.1	109.3	114.8
65°	71.2	76.4	81.7	87.9	94.9	100.8	107.1	114.1	121.9	128.9	135.2
62.5°	79.2	85.1	91.6	99.1	106.7	114.0	122.6	131.5	140.6	149.3	158.0
60°	85.9	93.3	101.2	109.6	118.4	128.4	138.4	149.0	159.9	170.4	181.2
57.5°	92.4	101.6	110.7	120.4	131.4	142.8	154.8	166.8	179.7	192.5	204.7
55°	99.2	109.9	120.3	131.8	144.4	157.8	171.3	185.9	200.2	216.3	231.2
52.5°	106.4	118.0	130.2	143.4	158.1	173.2	189.1	205.8	223.6	241.5	259.7
50°	113.4	126.5	140.1	155.9	172.3	189.6	207.9	227.4	248.1	268.8	290.8
47.5°	120.7	134.7	151.3	168.5	187.2	206.9	227.7	250.8	273.9	300.0	325.2
45°	127.9	144.1	162.0	182.0	202.6	224.8	249.5	274.9	304.3	333.7	366.9
42.5°	134.9	153.5	173.7	195.1	218.6	244.0	271.4	303.3	336.4	372.9	411.8
40°	142.8	162.5	185.3	209.2	234.6	263.7	296.6	332.0	372.5	415.7	459.9
37.5°	150.6	172.6	196.7	222.6	252.1	284.9	321.2	364.6	411.3	460.5	520.6
35°	157.8	182.3	208.4	236.8	268.8	306.7	350.2	398.2	452.0	515.4	585.5
32.5°	165.5	191.4	219.5	251.4	287.5	329.0	378.4	434.9	498.5	570.7	658.5
30°	173.3	200.8	230.5	265.0	305.2	353.2	409.3	471.8	545.0	635.6	738.6
27.5°	180.5	209.6	242.1	279.4	322.4	375.6	439.0	512.2	598.5	700.9	821.2
25°	187.0	217.7	252.8	293.1	341.3	399.7	468.4	549.6	652.1	774.1	922.1
22.5°	193.3	225.0	262.5	305.5	358.5	423.0	500.4	593.2	706.5	843.5	1021.0
20°	199.2	232.8	272.0	317.3	373.7	444.0	529.8	634.0	762.9	925.0	1118.0
17.5°	204.4	239.8	281.1	330.1	390.8	465.5	557.6	670.0	813.1	997.9	1207.5
15°	208.9	245.8	289.0	341.2	406.1	486.8	586.7	709.5	865.5	1064.2	1286.1
12.5°	212.6	250.8	295.6	350.5	418.9	504.8	611.5	744.7	916.5	1126.6	1355.1
10°	215.5	254.9	300.9	358.0	429.3	519.4	632.0	773.4	958.9	1180.1	1413.4
7.5°	218.0	258.0	305.0	363.7	437.2	530.5	647.9	795.6	992.1	1222.4	1458.2
5°	219.7	260.3	308.1	367.7	442.9	538.3	659.1	811.2	1015.7	1253.1	1488.8
2.5°	220.7	261.5	309.8	369.8	446.5	542.8	664.9	820.9	1028.7	1270.7	1507.3
0°	220.9	261.7	310.3	370.1	447.5	543.6	665.8	823.9	1031.4	1275.2	1514.0
-2.5°	220.7	261.5	309.8	369.8	446.5	542.8	664.9	820.9	1028.7	1270.7	1507.3
-5°	219.7	260.3	308.1	367.7	442.9	538.3	659.1	811.2	1015.7	1253.1	1488.8
-7.5°	218.0	258.0	305.0	363.7	437.2	530.5	647.9	795.6	992.1	1222.4	1458.2
-10°	215.5	254.9	300.9	358.0	429.3	519.4	632.0	773.4	958.9	1180.1	1413.4
-12.5°	212.6	250.8	295.6	350.5	418.9	504.8	611.5	744.7	916.5	1126.6	1355.1
-15°	208.9	245.8	289.0	341.2	406.1	486.8	586.7	709.5	865.5	1064.2	1286.1
-17.5°	204.4	239.8	281.1	330.1	390.8	465.5	557.6	670.0	813.1	997.9	1207.5
-20°	199.2	232.8	272.0	317.3	373.7	444.0	529.8	634.0	762.9	925.0	1118.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	193.3	225.0	262.5	305.5	358.5	423.0	500.4	593.2	706.5	843.5	1021.0
-25°	187.0	217.7	252.8	293.1	341.3	399.7	468.4	549.6	652.1	774.1	922.1
-27.5°	180.5	209.6	242.1	279.4	322.4	375.6	439.0	512.2	598.5	700.9	821.2
-30°	173.3	200.8	230.5	265.0	305.2	353.2	409.3	471.8	545.0	635.6	738.6
-32.5°	165.5	191.4	219.5	251.4	287.5	329.0	378.4	434.9	498.5	570.7	658.5
-35°	157.8	182.3	208.4	236.8	268.8	306.7	350.2	398.2	452.0	515.4	585.5
-37.5°	150.6	172.6	196.7	222.6	252.1	284.9	321.2	364.6	411.3	460.5	520.6
-40°	142.8	162.5	185.3	209.2	234.6	263.7	296.6	332.0	372.5	415.7	459.9
-42.5°	134.9	153.5	173.7	195.1	218.6	244.0	271.4	303.3	336.4	372.9	411.8
-45°	127.9	144.1	162.0	182.0	202.6	224.8	249.5	274.9	304.3	333.7	366.9
-47.5°	120.7	134.7	151.3	168.5	187.2	206.9	227.7	250.8	273.9	300.0	325.2
-50°	113.4	126.5	140.1	155.9	172.3	189.6	207.9	227.4	248.1	268.8	290.8
-52.5°	106.4	118.0	130.2	143.4	158.1	173.2	189.1	205.8	223.6	241.5	259.7
-55°	99.2	109.9	120.3	131.8	144.4	157.8	171.3	185.9	200.2	216.3	231.2
-57.5°	92.4	101.6	110.7	120.4	131.4	142.8	154.8	166.8	179.7	192.5	204.7
-60°	85.9	93.3	101.2	109.6	118.4	128.4	138.4	149.0	159.9	170.4	181.2
-62.5°	79.2	85.1	91.6	99.1	106.7	114.0	122.6	131.5	140.6	149.3	158.0
-65°	71.2	76.4	81.7	87.9	94.9	100.8	107.1	114.1	121.9	128.9	135.2
-67.5°	63.0	67.6	71.8	76.1	81.5	86.7	91.8	97.2	103.1	109.3	114.8
-70°	54.0	58.5	62.3	65.8	68.7	72.0	76.1	80.2	84.9	90.8	96.3
-72.5°	44.9	49.0	52.6	55.7	57.6	59.1	61.1	63.5	67.9	73.9	79.1
-75°	36.3	39.5	42.7	45.5	46.7	46.8	46.6	47.4	51.9	57.9	63.3
-77.5°	28.0	30.7	33.2	35.5	36.2	36.0	35.6	34.9	38.2	43.4	48.8
-80°	20.2	21.9	23.8	25.6	26.1	25.9	25.3	24.4	27.0	30.7	34.8
-82.5°	13.2	14.3	15.4	16.4	16.5	16.3	15.8	15.2	17.2	19.6	22.1
-85°	6.8	6.8	7.3	7.8	8.1	8.1	8.0	7.6	8.6	9.7	10.9
-87.5°	3.4	3.4	3.3	3.2	3.1	2.9	2.7	2.4	2.5	2.6	2.7
-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: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-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°	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.0	1.8
85°	12.2	12.4	12.6	12.7	12.7	13.1	13.5	13.8	14.1	12.8	11.3
82.5°	24.7	25.9	26.9	27.9	28.9	29.6	30.1	30.5	30.7	27.8	24.6
80°	38.9	41.4	43.4	45.3	47.2	47.6	47.6	47.4	46.8	42.9	38.4
77.5°	54.2	57.3	59.9	62.4	64.8	65.7	66.2	66.5	66.8	61.8	55.7
75°	67.9	71.7	75.3	78.5	81.6	83.2	84.1	84.9	85.5	80.5	74.0
72.5°	83.6	87.6	91.5	95.1	98.3	100.5	101.9	103.0	103.9	101.1	97.0
70°	100.9	105.1	109.1	112.9	116.6	119.4	121.7	123.6	125.3	125.6	125.5
67.5°	120.1	125.1	129.9	134.0	138.3	142.4	145.9	148.9	151.3	152.8	153.7
65°	141.7	149.1	155.6	161.2	165.9	171.3	176.1	179.7	182.3	184.3	185.9
62.5°	167.1	176.0	183.5	191.0	198.7	206.1	210.8	215.5	220.1	224.4	228.1
60°	191.5	201.3	211.5	221.1	229.9	238.0	246.3	253.8	260.2	265.7	269.7
57.5°	217.6	229.6	241.2	253.2	264.6	275.2	285.5	295.1	303.3	310.2	315.9
55°	245.9	260.5	274.3	289.6	304.5	318.0	330.5	343.2	354.7	364.8	372.9
52.5°	276.4	295.4	313.6	331.6	350.9	368.2	383.8	401.5	417.1	430.1	440.2
50°	312.7	335.1	359.2	381.5	405.8	429.7	451.7	473.0	493.9	512.0	526.6
47.5°	354.2	381.7	411.5	441.1	471.2	503.9	533.1	560.2	589.3	614.7	635.0
45°	400.3	435.3	471.4	512.9	551.2	593.1	632.0	666.8	708.3	744.8	774.1
42.5°	451.3	498.1	545.5	597.8	648.5	701.8	758.4	808.7	863.6	915.9	958.2
40°	514.7	570.6	634.0	697.4	770.2	838.7	921.1	996.0	1064.1	1126.5	1177.7
37.5°	585.1	657.0	736.8	819.2	918.9	1016.7	1113.2	1204.3	1284.7	1353.1	1410.3
35°	665.0	756.4	853.0	973.4	1090.2	1207.2	1316.2	1415.8	1503.4	1580.4	1645.9
32.5°	756.9	866.6	1001.9	1137.1	1270.3	1399.2	1518.9	1627.5	1723.4	1809.9	1885.3
30°	853.6	1003.3	1155.0	1303.4	1448.9	1590.0	1721.4	1841.0	1949.4	2045.7	2132.6
27.5°	976.4	1142.3	1307.7	1467.7	1627.7	1782.2	1924.6	2057.5	2181.9	2290.8	2390.0
25°	1095.2	1278.4	1454.3	1628.7	1802.9	1968.8	2128.0	2278.1	2420.6	2545.6	2656.4
22.5°	1213.9	1405.7	1593.7	1781.2	1968.4	2153.3	2332.0	2504.0	2663.4	2805.7	2930.4
20°	1323.9	1524.4	1725.4	1927.6	2130.5	2332.9	2533.6	2727.2	2904.7	3069.0	3213.3
17.5°	1422.6	1635.8	1848.9	2065.1	2285.1	2504.8	2727.8	2944.7	3147.7	3334.7	3502.1
15°	1509.9	1732.4	1961.3	2194.6	2430.8	2669.4	2912.7	3155.5	3384.0	3596.3	3783.2
12.5°	1586.3	1817.6	2057.5	2305.4	2561.8	2821.7	3087.2	3353.3	3606.3	3851.4	4053.2
10°	1649.3	1890.1	2140.8	2401.3	2671.6	2951.4	3236.2	3522.7	3801.4	4061.4	4292.2
7.5°	1697.9	1947.7	2206.1	2477.0	2760.6	3055.6	3357.4	3661.4	3958.8	4238.9	4494.4
5°	1732.3	1989.7	2251.3	2533.1	2826.6	3132.3	3446.0	3762.7	4073.6	4368.2	4633.0
2.5°	1752.2	2014.9	2277.7	2567.3	2865.9	3178.7	3500.9	3822.9	4142.0	4447.5	4719.5
0°	1757.4	2022.5	2292.7	2570.9	2878.2	3200.4	3511.1	3834.1	4165.7	4467.0	4738.0
-2.5°	1752.2	2014.9	2277.7	2567.3	2865.9	3178.7	3500.9	3822.9	4142.0	4447.5	4719.5
-5°	1732.3	1989.7	2251.3	2533.1	2826.6	3132.3	3446.0	3762.7	4073.6	4368.2	4633.0
-7.5°	1697.9	1947.7	2206.1	2477.0	2760.6	3055.6	3357.4	3661.4	3958.8	4238.9	4494.4
-10°	1649.3	1890.1	2140.8	2401.3	2671.6	2951.4	3236.2	3522.7	3801.4	4061.4	4292.2
-12.5°	1586.3	1817.6	2057.5	2305.4	2561.8	2821.7	3087.2	3353.3	3606.3	3851.4	4053.2
-15°	1509.9	1732.4	1961.3	2194.6	2430.8	2669.4	2912.7	3155.5	3384.0	3596.3	3783.2
-17.5°	1422.6	1635.8	1848.9	2065.1	2285.1	2504.8	2727.8	2944.7	3147.7	3334.7	3502.1
-20°	1323.9	1524.4	1725.4	1927.6	2130.5	2332.9	2533.6	2727.2	2904.7	3069.0	3213.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1213.9	1405.7	1593.7	1781.2	1968.4	2153.3	2332.0	2504.0	2663.4	2805.7	2930.4
-25°	1095.2	1278.4	1454.3	1628.7	1802.9	1968.8	2128.0	2278.1	2420.6	2545.6	2656.4
-27.5°	976.4	1142.3	1307.7	1467.7	1627.7	1782.2	1924.6	2057.5	2181.9	2290.8	2390.0
-30°	853.6	1003.3	1155.0	1303.4	1448.9	1590.0	1721.4	1841.0	1949.4	2045.7	2132.6
-32.5°	756.9	866.6	1001.9	1137.1	1270.3	1399.2	1518.9	1627.5	1723.4	1809.9	1885.3
-35°	665.0	756.4	853.0	973.4	1090.2	1207.2	1316.2	1415.8	1503.4	1580.4	1645.9
-37.5°	585.1	657.0	736.8	819.2	918.9	1016.7	1113.2	1204.3	1284.7	1353.1	1410.3
-40°	514.7	570.6	634.0	697.4	770.2	838.7	921.1	996.0	1064.1	1126.5	1177.7
-42.5°	451.3	498.1	545.5	597.8	648.5	701.8	758.4	808.7	863.6	915.9	958.2
-45°	400.3	435.3	471.4	512.9	551.2	593.1	632.0	666.8	708.3	744.8	774.1
-47.5°	354.2	381.7	411.5	441.1	471.2	503.9	533.1	560.2	589.3	614.7	635.0
-50°	312.7	335.1	359.2	381.5	405.8	429.7	451.7	473.0	493.9	512.0	526.6
-52.5°	276.4	295.4	313.6	331.6	350.9	368.2	383.8	401.5	417.1	430.1	440.2
-55°	245.9	260.5	274.3	289.6	304.5	318.0	330.5	343.2	354.7	364.8	372.9
-57.5°	217.6	229.6	241.2	253.2	264.6	275.2	285.5	295.1	303.3	310.2	315.9
-60°	191.5	201.3	211.5	221.1	229.9	238.0	246.3	253.8	260.2	265.7	269.7
-62.5°	167.1	176.0	183.5	191.0	198.7	206.1	210.8	215.5	220.1	224.4	228.1
-65°	141.7	149.1	155.6	161.2	165.9	171.3	176.1	179.7	182.3	184.3	185.9
-67.5°	120.1	125.1	129.9	134.0	138.3	142.4	145.9	148.9	151.3	152.8	153.7
-70°	100.9	105.1	109.1	112.9	116.6	119.4	121.7	123.6	125.3	125.6	125.5
-72.5°	83.6	87.6	91.5	95.1	98.3	100.5	101.9	103.0	103.9	101.1	97.0
-75°	67.9	71.7	75.3	78.5	81.6	83.2	84.1	84.9	85.5	80.5	74.0
-77.5°	54.2	57.3	59.9	62.4	64.8	65.7	66.2	66.5	66.8	61.8	55.7
-80°	38.9	41.4	43.4	45.3	47.2	47.6	47.6	47.4	46.8	42.9	38.4
-82.5°	24.7	25.9	26.9	27.9	28.9	29.6	30.1	30.5	30.7	27.8	24.6
-85°	12.2	12.4	12.6	12.7	12.7	13.1	13.5	13.8	14.1	12.8	11.3
-87.5°	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.0	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: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-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°	1.7	1.5	1.3	1.1	1.3	1.5	1.7	1.8	2.0	2.1	2.2
85°	9.8	8.2	8.0	7.9	8.0	8.2	9.8	11.3	12.8	14.1	13.8
82.5°	21.1	17.6	17.0	16.4	17.0	17.6	21.1	24.6	27.8	30.7	30.5
80°	33.6	28.8	27.8	26.9	27.8	28.8	33.6	38.4	42.9	46.8	47.4
77.5°	49.3	42.7	40.7	38.9	40.7	42.7	49.3	55.7	61.8	66.8	66.5
75°	67.3	60.3	57.9	55.7	57.9	60.3	67.3	74.0	80.5	85.5	84.9
72.5°	92.9	88.7	84.3	79.6	84.3	88.7	92.9	97.0	101.1	103.9	103.0
70°	125.3	125.0	123.9	122.2	123.9	125.0	125.3	125.5	125.6	125.3	123.6
67.5°	154.1	154.0	154.3	154.4	154.3	154.0	154.1	153.7	152.8	151.3	148.9
65°	186.9	187.3	188.1	188.4	188.1	187.3	186.9	185.9	184.3	182.3	179.7
62.5°	230.9	232.8	233.8	233.6	233.8	232.8	230.9	228.1	224.4	220.1	215.5
60°	272.7	274.7	275.9	276.3	275.9	274.7	272.7	269.7	265.7	260.2	253.8
57.5°	320.4	323.7	325.4	325.6	325.4	323.7	320.4	315.9	310.2	303.3	295.1
55°	379.0	383.3	385.3	385.1	385.3	383.3	379.0	372.9	364.8	354.7	343.2
52.5°	447.9	453.1	457.1	459.4	457.1	453.1	447.9	440.2	430.1	417.1	401.5
50°	537.5	545.0	549.8	551.8	549.8	545.0	537.5	526.6	512.0	493.9	473.0
47.5°	649.7	659.6	667.0	672.2	667.0	659.6	649.7	635.0	614.7	589.3	560.2
45°	795.8	811.0	821.3	827.3	821.3	811.0	795.8	774.1	744.8	708.3	666.8
42.5°	991.2	1014.8	1029.2	1034.8	1029.2	1014.8	991.2	958.2	915.9	863.6	808.7
40°	1218.1	1246.4	1265.0	1277.8	1265.0	1246.4	1218.1	1177.7	1126.5	1064.1	996.0
37.5°	1454.3	1484.1	1502.1	1514.4	1502.1	1484.1	1454.3	1410.3	1353.1	1284.7	1204.3
35°	1695.3	1726.5	1743.4	1752.9	1743.4	1726.5	1695.3	1645.9	1580.4	1503.4	1415.8
32.5°	1942.7	1977.1	1995.5	2014.6	1995.5	1977.1	1942.7	1885.3	1809.9	1723.4	1627.5
30°	2201.2	2240.6	2259.8	2269.2	2259.8	2240.6	2201.2	2132.6	2045.7	1949.4	1841.0
27.5°	2470.1	2519.2	2543.3	2559.3	2543.3	2519.2	2470.1	2390.0	2290.8	2181.9	2057.5
25°	2750.0	2810.8	2838.4	2863.2	2838.4	2810.8	2750.0	2656.4	2545.6	2420.6	2278.1
22.5°	3040.3	3116.0	3148.0	3165.7	3148.0	3116.0	3040.3	2930.4	2805.7	2663.4	2504.0
20°	3338.2	3428.6	3473.2	3496.1	3473.2	3428.6	3338.2	3213.3	3069.0	2904.7	2727.2
17.5°	3642.8	3755.3	3813.0	3826.2	3813.0	3755.3	3642.8	3502.1	3334.7	3147.7	2944.7
15°	3941.8	4063.6	4131.7	4156.7	4131.7	4063.6	3941.8	3783.2	3596.3	3384.0	3155.5
12.5°	4225.0	4351.2	4432.7	4447.2	4432.7	4351.2	4225.0	4053.2	3851.4	3606.3	3353.3
10°	4481.9	4612.6	4702.5	4723.1	4702.5	4612.6	4481.9	4292.2	4061.4	3801.4	3522.7
7.5°	4696.6	4840.0	4939.4	4956.7	4939.4	4840.0	4696.6	4494.4	4238.9	3958.8	3661.4
5°	4853.7	5024.0	5105.6	5126.1	5105.6	5024.0	4853.7	4633.0	4368.2	4073.6	3762.7
2.5°	4939.9	5113.3	5226.6	5213.5	5226.6	5113.3	4939.9	4719.5	4447.5	4142.0	3822.9
0°	4949.6	5130.9	5239.3	5289.4	5239.3	5130.9	4949.6	4738.0	4467.0	4165.7	3834.1
-2.5°	4939.9	5113.3	5226.6	5213.5	5226.6	5113.3	4939.9	4719.5	4447.5	4142.0	3822.9
-5°	4853.7	5024.0	5105.6	5126.1	5105.6	5024.0	4853.7	4633.0	4368.2	4073.6	3762.7
-7.5°	4696.6	4840.0	4939.4	4956.7	4939.4	4840.0	4696.6	4494.4	4238.9	3958.8	3661.4
-10°	4481.9	4612.6	4702.5	4723.1	4702.5	4612.6	4481.9	4292.2	4061.4	3801.4	3522.7
-12.5°	4225.0	4351.2	4432.7	4447.2	4432.7	4351.2	4225.0	4053.2	3851.4	3606.3	3353.3
-15°	3941.8	4063.6	4131.7	4156.7	4131.7	4063.6	3941.8	3783.2	3596.3	3384.0	3155.5
-17.5°	3642.8	3755.3	3813.0	3826.2	3813.0	3755.3	3642.8	3502.1	3334.7	3147.7	2944.7
-20°	3338.2	3428.6	3473.2	3496.1	3473.2	3428.6	3338.2	3213.3	3069.0	2904.7	2727.2



REPORT NUMBER: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3040.3	3116.0	3148.0	3165.7	3148.0	3116.0	3040.3	2930.4	2805.7	2663.4	2504.0
-25°	2750.0	2810.8	2838.4	2863.2	2838.4	2810.8	2750.0	2656.4	2545.6	2420.6	2278.1
-27.5°	2470.1	2519.2	2543.3	2559.3	2543.3	2519.2	2470.1	2390.0	2290.8	2181.9	2057.5
-30°	2201.2	2240.6	2259.8	2269.2	2259.8	2240.6	2201.2	2132.6	2045.7	1949.4	1841.0
-32.5°	1942.7	1977.1	1995.5	2014.6	1995.5	1977.1	1942.7	1885.3	1809.9	1723.4	1627.5
-35°	1695.3	1726.5	1743.4	1752.9	1743.4	1726.5	1695.3	1645.9	1580.4	1503.4	1415.8
-37.5°	1454.3	1484.1	1502.1	1514.4	1502.1	1484.1	1454.3	1410.3	1353.1	1284.7	1204.3
-40°	1218.1	1246.4	1265.0	1277.8	1265.0	1246.4	1218.1	1177.7	1126.5	1064.1	996.0
-42.5°	991.2	1014.8	1029.2	1034.8	1029.2	1014.8	991.2	958.2	915.9	863.6	808.7
-45°	795.8	811.0	821.3	827.3	821.3	811.0	795.8	774.1	744.8	708.3	666.8
-47.5°	649.7	659.6	667.0	672.2	667.0	659.6	649.7	635.0	614.7	589.3	560.2
-50°	537.5	545.0	549.8	551.8	549.8	545.0	537.5	526.6	512.0	493.9	473.0
-52.5°	447.9	453.1	457.1	459.4	457.1	453.1	447.9	440.2	430.1	417.1	401.5
-55°	379.0	383.3	385.3	385.1	385.3	383.3	379.0	372.9	364.8	354.7	343.2
-57.5°	320.4	323.7	325.4	325.6	325.4	323.7	320.4	315.9	310.2	303.3	295.1
-60°	272.7	274.7	275.9	276.3	275.9	274.7	272.7	269.7	265.7	260.2	253.8
-62.5°	230.9	232.8	233.8	233.6	233.8	232.8	230.9	228.1	224.4	220.1	215.5
-65°	186.9	187.3	188.1	188.4	188.1	187.3	186.9	185.9	184.3	182.3	179.7
-67.5°	154.1	154.0	154.3	154.4	154.3	154.0	154.1	153.7	152.8	151.3	148.9
-70°	125.3	125.0	123.9	122.2	123.9	125.0	125.3	125.5	125.6	125.3	123.6
-72.5°	92.9	88.7	84.3	79.6	84.3	88.7	92.9	97.0	101.1	103.9	103.0
-75°	67.3	60.3	57.9	55.7	57.9	60.3	67.3	74.0	80.5	85.5	84.9
-77.5°	49.3	42.7	40.7	38.9	40.7	42.7	49.3	55.7	61.8	66.8	66.5
-80°	33.6	28.8	27.8	26.9	27.8	28.8	33.6	38.4	42.9	46.8	47.4
-82.5°	21.1	17.6	17.0	16.4	17.0	17.6	21.1	24.6	27.8	30.7	30.5
-85°	9.8	8.2	8.0	7.9	8.0	8.2	9.8	11.3	12.8	14.1	13.8
-87.5°	1.7	1.5	1.3	1.1	1.3	1.5	1.7	1.8	2.0	2.1	2.2
-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: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-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°	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.7	2.6	2.5	2.4
85°	13.5	13.1	12.7	12.7	12.6	12.4	12.2	10.9	9.7	8.6	7.6
82.5°	30.1	29.6	28.9	27.9	26.9	25.9	24.7	22.1	19.6	17.2	15.2
80°	47.6	47.6	47.2	45.3	43.4	41.4	38.9	34.8	30.7	27.0	24.4
77.5°	66.2	65.7	64.8	62.4	59.9	57.3	54.2	48.8	43.4	38.2	34.9
75°	84.1	83.2	81.6	78.5	75.3	71.7	67.9	63.3	57.9	51.9	47.4
72.5°	101.9	100.5	98.3	95.1	91.5	87.6	83.6	79.1	73.9	67.9	63.5
70°	121.7	119.4	116.6	112.9	109.1	105.1	100.9	96.3	90.8	84.9	80.2
67.5°	145.9	142.4	138.3	134.0	129.9	125.1	120.1	114.8	109.3	103.1	97.2
65°	176.1	171.3	165.9	161.2	155.6	149.1	141.7	135.2	128.9	121.9	114.1
62.5°	210.8	206.1	198.7	191.0	183.5	176.0	167.1	158.0	149.3	140.6	131.5
60°	246.3	238.0	229.9	221.1	211.5	201.3	191.5	181.2	170.4	159.9	149.0
57.5°	285.5	275.2	264.6	253.2	241.2	229.6	217.6	204.7	192.5	179.7	166.8
55°	330.5	318.0	304.5	289.6	274.3	260.5	245.9	231.2	216.3	200.2	185.9
52.5°	383.8	368.2	350.9	331.6	313.6	295.4	276.4	259.7	241.5	223.6	205.8
50°	451.7	429.7	405.8	381.5	359.2	335.1	312.7	290.8	268.8	248.1	227.4
47.5°	533.1	503.9	471.2	441.1	411.5	381.7	354.2	325.2	300.0	273.9	250.8
45°	632.0	593.1	551.2	512.9	471.4	435.3	400.3	366.9	333.7	304.3	274.9
42.5°	758.4	701.8	648.5	597.8	545.5	498.1	451.3	411.8	372.9	336.4	303.3
40°	921.1	838.7	770.2	697.4	634.0	570.6	514.7	459.9	415.7	372.5	332.0
37.5°	1113.2	1016.7	918.9	819.2	736.8	657.0	585.1	520.6	460.5	411.3	364.6
35°	1316.2	1207.2	1090.2	973.4	853.0	756.4	665.0	585.5	515.4	452.0	398.2
32.5°	1518.9	1399.2	1270.3	1137.1	1001.9	866.6	756.9	658.5	570.7	498.5	434.9
30°	1721.4	1590.0	1448.9	1303.4	1155.0	1003.3	853.6	738.6	635.6	545.0	471.8
27.5°	1924.6	1782.2	1627.7	1467.7	1307.7	1142.3	976.4	821.2	700.9	598.5	512.2
25°	2128.0	1968.8	1802.9	1628.7	1454.3	1278.4	1095.2	922.1	774.1	652.1	549.6
22.5°	2332.0	2153.3	1968.4	1781.2	1593.7	1405.7	1213.9	1021.0	843.5	706.5	593.2
20°	2533.6	2332.9	2130.5	1927.6	1725.4	1524.4	1323.9	1118.0	925.0	762.9	634.0
17.5°	2727.8	2504.8	2285.1	2065.1	1848.9	1635.8	1422.6	1207.5	997.9	813.1	670.0
15°	2912.7	2669.4	2430.8	2194.6	1961.3	1732.4	1509.9	1286.1	1064.2	865.5	709.5
12.5°	3087.2	2821.7	2561.8	2305.4	2057.5	1817.6	1586.3	1355.1	1126.6	916.5	744.7
10°	3236.2	2951.4	2671.6	2401.3	2140.8	1890.1	1649.3	1413.4	1180.1	958.9	773.4
7.5°	3357.4	3055.6	2760.6	2477.0	2206.1	1947.7	1697.9	1458.2	1222.4	992.1	795.6
5°	3446.0	3132.3	2826.6	2533.1	2251.3	1989.7	1732.3	1488.8	1253.1	1015.7	811.2
2.5°	3500.9	3178.7	2865.9	2567.3	2277.7	2014.9	1752.2	1507.3	1270.7	1028.7	820.9
0°	3511.1	3200.4	2878.2	2570.9	2292.7	2022.5	1757.4	1514.0	1275.2	1031.4	823.9
-2.5°	3500.9	3178.7	2865.9	2567.3	2277.7	2014.9	1752.2	1507.3	1270.7	1028.7	820.9
-5°	3446.0	3132.3	2826.6	2533.1	2251.3	1989.7	1732.3	1488.8	1253.1	1015.7	811.2
-7.5°	3357.4	3055.6	2760.6	2477.0	2206.1	1947.7	1697.9	1458.2	1222.4	992.1	795.6
-10°	3236.2	2951.4	2671.6	2401.3	2140.8	1890.1	1649.3	1413.4	1180.1	958.9	773.4
-12.5°	3087.2	2821.7	2561.8	2305.4	2057.5	1817.6	1586.3	1355.1	1126.6	916.5	744.7
-15°	2912.7	2669.4	2430.8	2194.6	1961.3	1732.4	1509.9	1286.1	1064.2	865.5	709.5
-17.5°	2727.8	2504.8	2285.1	2065.1	1848.9	1635.8	1422.6	1207.5	997.9	813.1	670.0
-20°	2533.6	2332.9	2130.5	1927.6	1725.4	1524.4	1323.9	1118.0	925.0	762.9	634.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2332.0	2153.3	1968.4	1781.2	1593.7	1405.7	1213.9	1021.0	843.5	706.5	593.2
-25°	2128.0	1968.8	1802.9	1628.7	1454.3	1278.4	1095.2	922.1	774.1	652.1	549.6
-27.5°	1924.6	1782.2	1627.7	1467.7	1307.7	1142.3	976.4	821.2	700.9	598.5	512.2
-30°	1721.4	1590.0	1448.9	1303.4	1155.0	1003.3	853.6	738.6	635.6	545.0	471.8
-32.5°	1518.9	1399.2	1270.3	1137.1	1001.9	866.6	756.9	658.5	570.7	498.5	434.9
-35°	1316.2	1207.2	1090.2	973.4	853.0	756.4	665.0	585.5	515.4	452.0	398.2
-37.5°	1113.2	1016.7	918.9	819.2	736.8	657.0	585.1	520.6	460.5	411.3	364.6
-40°	921.1	838.7	770.2	697.4	634.0	570.6	514.7	459.9	415.7	372.5	332.0
-42.5°	758.4	701.8	648.5	597.8	545.5	498.1	451.3	411.8	372.9	336.4	303.3
-45°	632.0	593.1	551.2	512.9	471.4	435.3	400.3	366.9	333.7	304.3	274.9
-47.5°	533.1	503.9	471.2	441.1	411.5	381.7	354.2	325.2	300.0	273.9	250.8
-50°	451.7	429.7	405.8	381.5	359.2	335.1	312.7	290.8	268.8	248.1	227.4
-52.5°	383.8	368.2	350.9	331.6	313.6	295.4	276.4	259.7	241.5	223.6	205.8
-55°	330.5	318.0	304.5	289.6	274.3	260.5	245.9	231.2	216.3	200.2	185.9
-57.5°	285.5	275.2	264.6	253.2	241.2	229.6	217.6	204.7	192.5	179.7	166.8
-60°	246.3	238.0	229.9	221.1	211.5	201.3	191.5	181.2	170.4	159.9	149.0
-62.5°	210.8	206.1	198.7	191.0	183.5	176.0	167.1	158.0	149.3	140.6	131.5
-65°	176.1	171.3	165.9	161.2	155.6	149.1	141.7	135.2	128.9	121.9	114.1
-67.5°	145.9	142.4	138.3	134.0	129.9	125.1	120.1	114.8	109.3	103.1	97.2
-70°	121.7	119.4	116.6	112.9	109.1	105.1	100.9	96.3	90.8	84.9	80.2
-72.5°	101.9	100.5	98.3	95.1	91.5	87.6	83.6	79.1	73.9	67.9	63.5
-75°	84.1	83.2	81.6	78.5	75.3	71.7	67.9	63.3	57.9	51.9	47.4
-77.5°	66.2	65.7	64.8	62.4	59.9	57.3	54.2	48.8	43.4	38.2	34.9
-80°	47.6	47.6	47.2	45.3	43.4	41.4	38.9	34.8	30.7	27.0	24.4
-82.5°	30.1	29.6	28.9	27.9	26.9	25.9	24.7	22.1	19.6	17.2	15.2
-85°	13.5	13.1	12.7	12.7	12.6	12.4	12.2	10.9	9.7	8.6	7.6
-87.5°	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.7	2.6	2.5	2.4
-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: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-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°	2.7	2.9	3.1	3.2	3.3	3.4	3.4	3.3	3.2	3.0	2.8
85°	8.0	8.1	8.1	7.8	7.3	6.8	6.8	6.7	6.4	6.0	5.6
82.5°	15.8	16.3	16.5	16.4	15.4	14.3	13.2	12.0	10.7	9.2	8.3
80°	25.3	25.9	26.1	25.6	23.8	21.9	20.2	18.5	16.8	14.8	12.7
77.5°	35.6	36.0	36.2	35.5	33.2	30.7	28.0	25.2	22.8	20.4	17.8
75°	46.6	46.8	46.7	45.5	42.7	39.5	36.3	32.8	29.3	26.0	22.8
72.5°	61.1	59.1	57.6	55.7	52.6	49.0	44.9	40.2	35.8	31.7	27.8
70°	76.1	72.0	68.7	65.8	62.3	58.5	54.0	48.1	42.2	37.2	32.5
67.5°	91.8	86.7	81.5	76.1	71.8	67.6	63.0	55.9	48.8	42.6	37.1
65°	107.1	100.8	94.9	87.9	81.7	76.4	71.2	63.3	55.2	47.9	41.6
62.5°	122.6	114.0	106.7	99.1	91.6	85.1	79.2	70.2	61.3	53.1	45.8
60°	138.4	128.4	118.4	109.6	101.2	93.3	85.9	76.8	67.3	57.9	49.9
57.5°	154.8	142.8	131.4	120.4	110.7	101.6	92.4	83.0	73.0	62.9	53.5
55°	171.3	157.8	144.4	131.8	120.3	109.9	99.2	88.9	78.4	67.7	56.4
52.5°	189.1	173.2	158.1	143.4	130.2	118.0	106.4	94.6	83.7	72.4	59.5
50°	207.9	189.6	172.3	155.9	140.1	126.5	113.4	101.0	88.8	76.9	62.5
47.5°	227.7	206.9	187.2	168.5	151.3	134.7	120.7	107.1	93.8	81.3	65.2
45°	249.5	224.8	202.6	182.0	162.0	144.1	127.9	113.1	99.2	84.5	67.6
42.5°	271.4	244.0	218.6	195.1	173.7	153.5	134.9	119.3	104.3	87.4	70.0
40°	296.6	263.7	234.6	209.2	185.3	162.5	142.8	125.3	109.1	90.3	72.4
37.5°	321.2	284.9	252.1	222.6	196.7	172.6	150.6	131.0	112.9	93.5	74.5
35°	350.2	306.7	268.8	236.8	208.4	182.3	157.8	136.8	117.1	96.5	76.3
32.5°	378.4	329.0	287.5	251.4	219.5	191.4	165.5	142.8	121.3	99.3	78.0
30°	409.3	353.2	305.2	265.0	230.5	200.8	173.3	148.4	125.6	102.1	79.6
27.5°	439.0	375.6	322.4	279.4	242.1	209.6	180.5	153.6	129.9	104.9	81.5
25°	468.4	399.7	341.3	293.1	252.8	217.7	187.0	158.5	134.1	108.1	83.3
22.5°	500.4	423.0	358.5	305.5	262.5	225.0	193.3	163.9	138.0	111.1	84.8
20°	529.8	444.0	373.7	317.3	272.0	232.8	199.2	168.7	141.5	114.0	86.2
17.5°	557.6	465.5	390.8	330.1	281.1	239.8	204.4	172.9	144.5	116.6	87.2
15°	586.7	486.8	406.1	341.2	289.0	245.8	208.9	176.6	147.2	118.9	88.2
12.5°	611.5	504.8	418.9	350.5	295.6	250.8	212.6	179.6	149.4	120.9	89.1
10°	632.0	519.4	429.3	358.0	300.9	254.9	215.5	182.0	151.2	122.5	89.6
7.5°	647.9	530.5	437.2	363.7	305.0	258.0	218.0	183.9	152.6	123.5	89.7
5°	659.1	538.3	442.9	367.7	308.1	260.3	219.7	185.2	153.6	124.1	89.5
2.5°	664.9	542.8	446.5	369.8	309.8	261.5	220.7	185.8	154.0	124.2	88.9
0°	665.8	543.6	447.5	370.1	310.3	261.7	220.9	185.8	154.0	123.7	87.9
-2.5°	664.9	542.8	446.5	369.8	309.8	261.5	220.7	185.8	154.0	124.2	88.9
-5°	659.1	538.3	442.9	367.7	308.1	260.3	219.7	185.2	153.6	124.1	89.5
-7.5°	647.9	530.5	437.2	363.7	305.0	258.0	218.0	183.9	152.6	123.5	89.7
-10°	632.0	519.4	429.3	358.0	300.9	254.9	215.5	182.0	151.2	122.5	89.6
-12.5°	611.5	504.8	418.9	350.5	295.6	250.8	212.6	179.6	149.4	120.9	89.1
-15°	586.7	486.8	406.1	341.2	289.0	245.8	208.9	176.6	147.2	118.9	88.2
-17.5°	557.6	465.5	390.8	330.1	281.1	239.8	204.4	172.9	144.5	116.6	87.2
-20°	529.8	444.0	373.7	317.3	272.0	232.8	199.2	168.7	141.5	114.0	86.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	500.4	423.0	358.5	305.5	262.5	225.0	193.3	163.9	138.0	111.1	84.8
-25°	468.4	399.7	341.3	293.1	252.8	217.7	187.0	158.5	134.1	108.1	83.3
-27.5°	439.0	375.6	322.4	279.4	242.1	209.6	180.5	153.6	129.9	104.9	81.5
-30°	409.3	353.2	305.2	265.0	230.5	200.8	173.3	148.4	125.6	102.1	79.6
-32.5°	378.4	329.0	287.5	251.4	219.5	191.4	165.5	142.8	121.3	99.3	78.0
-35°	350.2	306.7	268.8	236.8	208.4	182.3	157.8	136.8	117.1	96.5	76.3
-37.5°	321.2	284.9	252.1	222.6	196.7	172.6	150.6	131.0	112.9	93.5	74.5
-40°	296.6	263.7	234.6	209.2	185.3	162.5	142.8	125.3	109.1	90.3	72.4
-42.5°	271.4	244.0	218.6	195.1	173.7	153.5	134.9	119.3	104.3	87.4	70.0
-45°	249.5	224.8	202.6	182.0	162.0	144.1	127.9	113.1	99.2	84.5	67.6
-47.5°	227.7	206.9	187.2	168.5	151.3	134.7	120.7	107.1	93.8	81.3	65.2
-50°	207.9	189.6	172.3	155.9	140.1	126.5	113.4	101.0	88.8	76.9	62.5
-52.5°	189.1	173.2	158.1	143.4	130.2	118.0	106.4	94.6	83.7	72.4	59.5
-55°	171.3	157.8	144.4	131.8	120.3	109.9	99.2	88.9	78.4	67.7	56.4
-57.5°	154.8	142.8	131.4	120.4	110.7	101.6	92.4	83.0	73.0	62.9	53.5
-60°	138.4	128.4	118.4	109.6	101.2	93.3	85.9	76.8	67.3	57.9	49.9
-62.5°	122.6	114.0	106.7	99.1	91.6	85.1	79.2	70.2	61.3	53.1	45.8
-65°	107.1	100.8	94.9	87.9	81.7	76.4	71.2	63.3	55.2	47.9	41.6
-67.5°	91.8	86.7	81.5	76.1	71.8	67.6	63.0	55.9	48.8	42.6	37.1
-70°	76.1	72.0	68.7	65.8	62.3	58.5	54.0	48.1	42.2	37.2	32.5
-72.5°	61.1	59.1	57.6	55.7	52.6	49.0	44.9	40.2	35.8	31.7	27.8
-75°	46.6	46.8	46.7	45.5	42.7	39.5	36.3	32.8	29.3	26.0	22.8
-77.5°	35.6	36.0	36.2	35.5	33.2	30.7	28.0	25.2	22.8	20.4	17.8
-80°	25.3	25.9	26.1	25.6	23.8	21.9	20.2	18.5	16.8	14.8	12.7
-82.5°	15.8	16.3	16.5	16.4	15.4	14.3	13.2	12.0	10.7	9.2	8.3
-85°	8.0	8.1	8.1	7.8	7.3	6.8	6.8	6.7	6.4	6.0	5.6
-87.5°	2.7	2.9	3.1	3.2	3.3	3.4	3.4	3.3	3.2	3.0	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-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°	2.5	2.0	1.5	1.0	0.6	0.3	0.0
85°	5.0	3.9	2.9	2.0	1.2	0.5	0.0
82.5°	7.5	5.8	4.4	3.0	1.8	0.8	0.0
80°	10.2	7.8	5.8	4.0	2.5	1.1	0.0
77.5°	14.5	10.1	7.2	5.0	3.1	1.3	0.0
75°	18.8	13.2	8.7	6.0	3.6	1.6	0.0
72.5°	22.9	16.2	10.8	6.9	4.2	1.8	0.0
70°	26.8	19.1	12.8	7.9	4.8	2.1	0.0
67.5°	30.1	21.9	14.7	9.1	5.3	2.3	0.0
65°	33.4	24.4	16.5	10.3	5.8	2.6	0.0
62.5°	36.4	26.7	18.3	11.4	6.4	2.8	0.0
60°	39.2	28.9	19.9	12.4	6.8	3.0	0.0
57.5°	41.8	30.9	21.4	13.4	7.4	3.2	0.0
55°	44.1	32.8	22.8	14.3	8.0	3.4	0.0
52.5°	46.3	34.5	24.0	15.1	8.6	3.6	0.0
50°	48.3	36.1	25.2	15.9	9.1	3.8	0.0
47.5°	50.1	37.5	26.2	16.6	9.6	4.0	0.0
45°	52.1	38.8	27.1	17.2	10.1	4.2	0.0
42.5°	54.0	39.9	27.9	17.8	10.5	4.3	0.0
40°	55.6	40.8	28.6	18.5	10.9	4.5	0.0
37.5°	57.0	41.6	29.3	19.2	11.3	4.6	0.0
35°	58.1	42.4	29.8	19.8	11.7	4.7	0.0
32.5°	59.2	43.2	30.2	20.3	12.0	4.8	0.0
30°	60.3	43.9	30.5	20.8	12.3	4.9	0.0
27.5°	61.3	44.3	31.1	21.3	12.6	5.0	0.0
25°	62.0	44.6	31.8	21.7	12.8	5.1	0.0
22.5°	62.6	44.9	32.3	22.0	13.1	5.1	0.0
20°	62.9	45.7	32.8	22.3	13.2	5.2	0.0
17.5°	63.6	46.4	33.2	22.5	13.4	5.2	0.0
15°	64.4	46.9	33.5	22.6	13.5	5.3	0.0
12.5°	65.0	47.3	33.7	22.7	13.6	5.3	0.0
10°	65.4	47.5	33.9	22.8	13.6	5.3	0.0
7.5°	65.6	47.6	33.9	22.8	13.6	5.3	0.0
5°	65.5	47.6	33.9	22.7	13.6	5.3	0.0
2.5°	65.2	47.4	33.8	22.6	13.6	5.2	0.0
0°	64.7	47.1	33.6	22.4	13.5	5.2	0.0
-2.5°	65.2	47.4	33.8	22.6	13.6	5.2	0.0
-5°	65.5	47.6	33.9	22.7	13.6	5.3	0.0
-7.5°	65.6	47.6	33.9	22.8	13.6	5.3	0.0
-10°	65.4	47.5	33.9	22.8	13.6	5.3	0.0
-12.5°	65.0	47.3	33.7	22.7	13.6	5.3	0.0
-15°	64.4	46.9	33.5	22.6	13.5	5.3	0.0
-17.5°	63.6	46.4	33.2	22.5	13.4	5.2	0.0
-20°	62.9	45.7	32.8	22.3	13.2	5.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.6	44.9	32.3	22.0	13.1	5.1	0.0
-25°	62.0	44.6	31.8	21.7	12.8	5.1	0.0
-27.5°	61.3	44.3	31.1	21.3	12.6	5.0	0.0
-30°	60.3	43.9	30.5	20.8	12.3	4.9	0.0
-32.5°	59.2	43.2	30.2	20.3	12.0	4.8	0.0
-35°	58.1	42.4	29.8	19.8	11.7	4.7	0.0
-37.5°	57.0	41.6	29.3	19.2	11.3	4.6	0.0
-40°	55.6	40.8	28.6	18.5	10.9	4.5	0.0
-42.5°	54.0	39.9	27.9	17.8	10.5	4.3	0.0
-45°	52.1	38.8	27.1	17.2	10.1	4.2	0.0
-47.5°	50.1	37.5	26.2	16.6	9.6	4.0	0.0
-50°	48.3	36.1	25.2	15.9	9.1	3.8	0.0
-52.5°	46.3	34.5	24.0	15.1	8.6	3.6	0.0
-55°	44.1	32.8	22.8	14.3	8.0	3.4	0.0
-57.5°	41.8	30.9	21.4	13.4	7.4	3.2	0.0
-60°	39.2	28.9	19.9	12.4	6.8	3.0	0.0
-62.5°	36.4	26.7	18.3	11.4	6.4	2.8	0.0
-65°	33.4	24.4	16.5	10.3	5.8	2.6	0.0
-67.5°	30.1	21.9	14.7	9.1	5.3	2.3	0.0
-70°	26.8	19.1	12.8	7.9	4.8	2.1	0.0
-72.5°	22.9	16.2	10.8	6.9	4.2	1.8	0.0
-75°	18.8	13.2	8.7	6.0	3.6	1.6	0.0
-77.5°	14.5	10.1	7.2	5.0	3.1	1.3	0.0
-80°	10.2	7.8	5.8	4.0	2.5	1.1	0.0
-82.5°	7.5	5.8	4.4	3.0	1.8	0.8	0.0
-85°	5.0	3.9	2.9	2.0	1.2	0.5	0.0
-87.5°	2.5	2.0	1.5	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)