

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: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626743 (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-SA1D-735-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N24
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

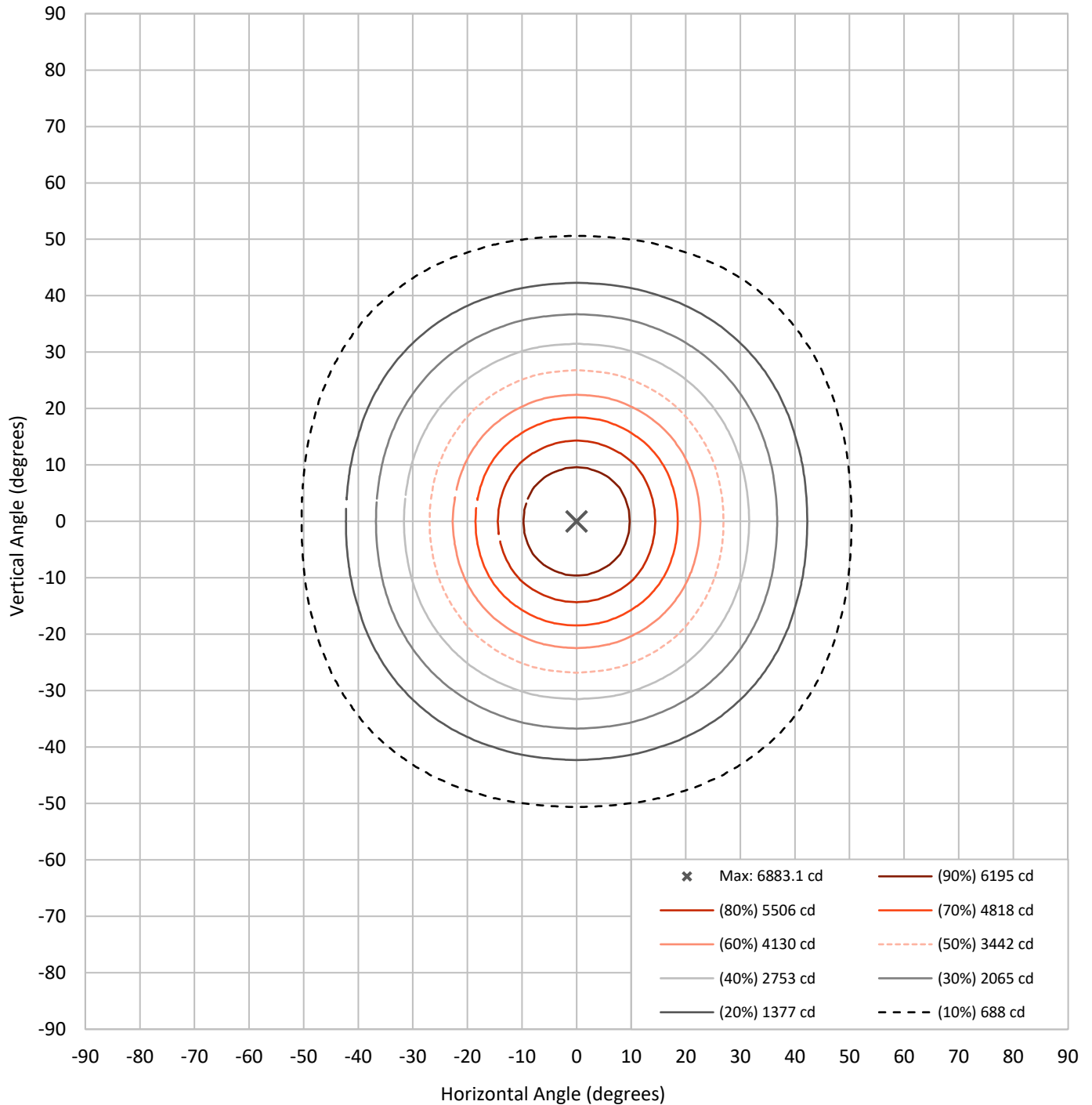
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7005.4 lumens	Max Intensity:	6883.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.3 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:	3349.6 lumens	Field Lumens:	6182.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	57.3		
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: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





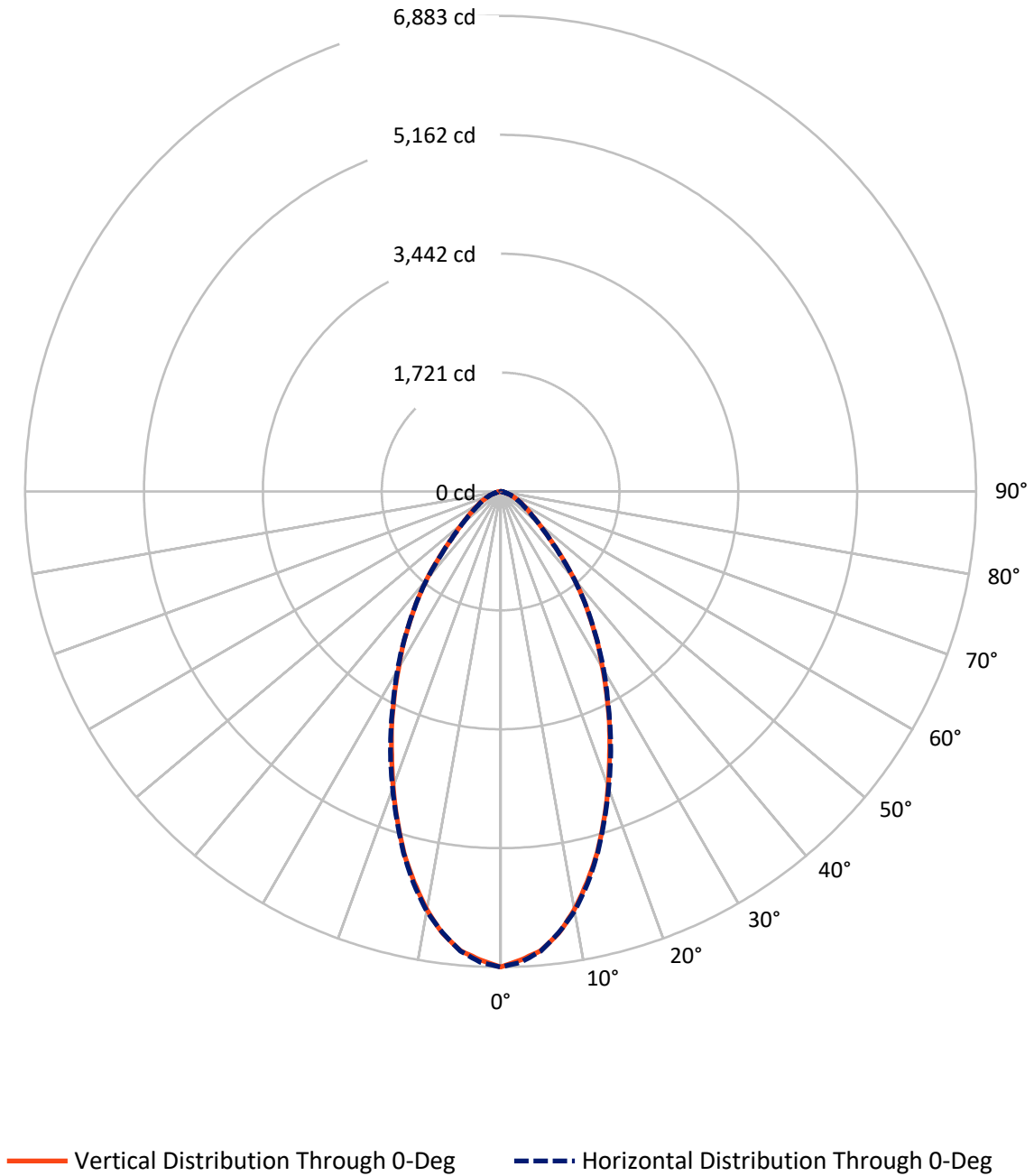
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Lumen Table

90															90				
80	0.3	1.9		4.4		7.3		6.3		7.3		4.4		1.9		0.3			
70															70				
60	0.9	1.1	2.0	3.2	4.7	6.1	7.1	7.6	7.6	7.1	6.1	4.7	3.2	2.0	1.1	0.9			
50		1.5	3.0	5.3	8.1	11.1	13.8	15.4	15.4	13.8	11.1	8.1	5.3	3.0	1.5				
40	1.3	1.9	4.2	7.8	13.2	20.3	28.0	33.2	33.2	28.0	20.3	13.2	7.8	4.2	1.9	1.3			
30		2.3	5.5	11.4	22.2	39.4	57.3	67.9	67.9	57.3	39.4	22.2	11.4	5.5	2.3				
20	1.6	2.7	6.9	16.0	35.9	64.5	92.3	110.4	110.4	92.3	64.5	35.9	16.0	6.9	2.7	1.6			
10		3.0	8.0	20.7	49.0	87.1	128.6	158.2	158.2	128.6	87.1	49.0	20.7	8.0	3.0				
0	1.7	3.2	8.7	23.8	56.4	101.3	154.1	193.8	193.8	154.1	101.3	56.4	23.8	8.7	3.2	1.7			
-10		3.2	8.7	23.8	56.4	101.3	154.1	193.8	193.8	154.1	101.3	56.4	23.8	8.7	3.2				
-20	1.6	3.0	8.0	20.7	49.0	87.1	128.6	158.2	158.2	128.6	87.1	49.0	20.7	8.0	3.0	1.6			
-30		2.7	6.9	16.0	35.9	64.5	92.3	110.4	110.4	92.3	64.5	35.9	16.0	6.9	2.7				
-40	1.3	2.3	5.5	11.4	22.2	39.4	57.3	67.9	67.9	57.3	39.4	22.2	11.4	5.5	2.3	1.3			
-50		1.9	4.2	7.8	13.2	20.3	28.0	33.2	33.2	28.0	20.3	13.2	7.8	4.2	1.9				
-60	0.9	1.5	3.0	5.3	8.1	11.1	13.8	15.4	15.4	13.8	11.1	8.1	5.3	3.0	1.5	0.9			
-70		1.1	2.0	3.2	4.7	6.1	7.1	7.6	7.6	7.1	6.1	4.7	3.2	2.0	1.1				
-80															-80				
-90	0.3	1.9		4.4		7.3		6.3		7.3		4.4		1.9		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

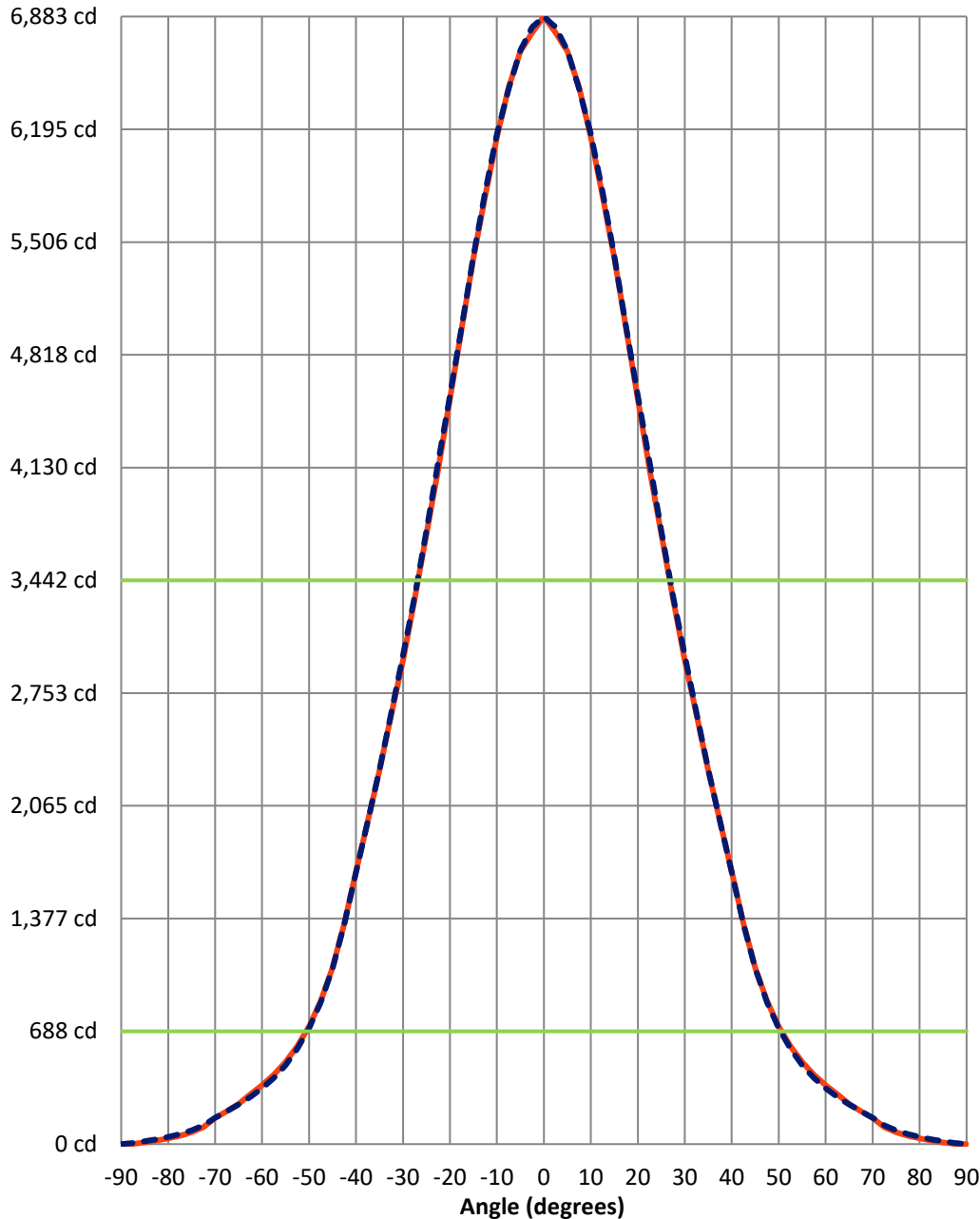
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 3349.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 6182.5
 Efficiency: 88.3%

Spill:
 Lumens: 822.9
 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	0.8	1.3	1.9	2.5	3.3	3.6	3.9	4.1	4.3
85°	0.0	0.7	1.6	2.6	3.8	5.1	6.5	7.2	7.8	8.3	8.6
82.5°	0.0	1.0	2.4	3.9	5.6	7.6	9.7	10.8	11.9	13.9	15.6
80°	0.0	1.4	3.2	5.2	7.5	10.1	13.2	16.4	19.3	21.8	24.0
77.5°	0.0	1.7	4.0	6.5	9.3	13.1	18.9	23.1	26.6	29.7	32.8
75°	0.0	2.1	4.7	7.7	11.3	17.2	24.4	29.7	33.9	38.1	42.7
72.5°	0.0	2.4	5.5	8.9	14.0	21.1	29.8	36.2	41.2	46.6	52.3
70°	0.0	2.7	6.2	10.2	16.6	24.8	34.8	42.3	48.4	54.9	62.6
67.5°	0.0	3.0	6.9	11.8	19.1	28.4	39.2	48.2	55.4	63.6	72.8
65°	0.0	3.3	7.6	13.3	21.5	31.8	43.4	54.1	62.4	71.9	82.4
62.5°	0.0	3.6	8.2	14.8	23.7	34.8	47.3	59.6	69.1	79.9	91.4
60°	0.0	3.9	8.9	16.1	25.8	37.6	51.0	64.9	75.4	87.6	100.0
57.5°	0.0	4.2	9.6	17.4	27.8	40.3	54.3	69.6	81.9	95.0	108.0
55°	0.0	4.5	10.4	18.6	29.6	42.7	57.4	73.4	88.2	102.2	115.7
52.5°	0.0	4.7	11.1	19.7	31.3	44.9	60.3	77.5	94.2	108.9	123.1
50°	0.0	5.0	11.8	20.6	32.8	47.0	62.8	81.4	100.1	115.6	131.3
47.5°	0.0	5.2	12.4	21.5	34.1	48.8	65.2	84.9	105.8	122.0	139.4
45°	0.0	5.4	13.1	22.4	35.3	50.5	67.9	88.1	110.0	129.0	147.2
42.5°	0.0	5.6	13.7	23.2	36.4	51.9	70.3	91.2	113.7	135.7	155.3
40°	0.0	5.8	14.2	24.0	37.3	53.1	72.4	94.2	117.5	142.0	163.0
37.5°	0.0	6.0	14.7	24.9	38.1	54.1	74.1	96.9	121.6	146.9	170.4
35°	0.0	6.1	15.2	25.7	38.8	55.2	75.6	99.3	125.5	152.4	178.0
32.5°	0.0	6.3	15.6	26.5	39.3	56.2	77.0	101.4	129.3	157.9	185.8
30°	0.0	6.4	16.0	27.1	39.7	57.0	78.5	103.5	132.8	163.5	193.1
27.5°	0.0	6.5	16.4	27.7	40.5	57.6	79.7	106.0	136.5	169.0	199.9
25°	0.0	6.6	16.7	28.2	41.3	58.0	80.7	108.3	140.6	174.5	206.3
22.5°	0.0	6.7	17.0	28.6	42.1	58.4	81.4	110.4	144.6	179.6	213.3
20°	0.0	6.8	17.2	29.0	42.7	59.5	81.8	112.1	148.3	184.1	219.5
17.5°	0.0	6.8	17.4	29.3	43.2	60.4	82.7	113.5	151.7	188.1	225.0
15°	0.0	6.9	17.5	29.5	43.6	61.0	83.8	114.8	154.7	191.5	229.8
12.5°	0.0	6.9	17.6	29.6	43.9	61.5	84.6	115.9	157.3	194.4	233.7
10°	0.0	6.9	17.7	29.7	44.1	61.9	85.1	116.6	159.4	196.8	236.9
7.5°	0.0	6.9	17.7	29.7	44.2	62.0	85.3	116.7	160.8	198.6	239.3
5°	0.0	6.9	17.7	29.6	44.2	61.9	85.2	116.4	161.5	199.9	241.0
2.5°	0.0	6.8	17.6	29.4	44.0	61.7	84.8	115.6	161.6	200.5	241.8
0°	0.0	6.8	17.5	29.2	43.8	61.3	84.2	114.3	161.0	200.4	241.8
-2.5°	0.0	6.8	17.6	29.4	44.0	61.7	84.8	115.6	161.6	200.5	241.8
-5°	0.0	6.9	17.7	29.6	44.2	61.9	85.2	116.4	161.5	199.9	241.0
-7.5°	0.0	6.9	17.7	29.7	44.2	62.0	85.3	116.7	160.8	198.6	239.3
-10°	0.0	6.9	17.7	29.7	44.1	61.9	85.1	116.6	159.4	196.8	236.9
-12.5°	0.0	6.9	17.6	29.6	43.9	61.5	84.6	115.9	157.3	194.4	233.7
-15°	0.0	6.9	17.5	29.5	43.6	61.0	83.8	114.8	154.7	191.5	229.8
-17.5°	0.0	6.8	17.4	29.3	43.2	60.4	82.7	113.5	151.7	188.1	225.0
-20°	0.0	6.8	17.2	29.0	42.7	59.5	81.8	112.1	148.3	184.1	219.5

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CATALOG NUMBER: GFLD-SA1D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.7	17.0	28.6	42.1	58.4	81.4	110.4	144.6	179.6	213.3
-25°	0.0	6.6	16.7	28.2	41.3	58.0	80.7	108.3	140.6	174.5	206.3
-27.5°	0.0	6.5	16.4	27.7	40.5	57.6	79.7	106.0	136.5	169.0	199.9
-30°	0.0	6.4	16.0	27.1	39.7	57.0	78.5	103.5	132.8	163.5	193.1
-32.5°	0.0	6.3	15.6	26.5	39.3	56.2	77.0	101.4	129.3	157.9	185.8
-35°	0.0	6.1	15.2	25.7	38.8	55.2	75.6	99.3	125.5	152.4	178.0
-37.5°	0.0	6.0	14.7	24.9	38.1	54.1	74.1	96.9	121.6	146.9	170.4
-40°	0.0	5.8	14.2	24.0	37.3	53.1	72.4	94.2	117.5	142.0	163.0
-42.5°	0.0	5.6	13.7	23.2	36.4	51.9	70.3	91.2	113.7	135.7	155.3
-45°	0.0	5.4	13.1	22.4	35.3	50.5	67.9	88.1	110.0	129.0	147.2
-47.5°	0.0	5.2	12.4	21.5	34.1	48.8	65.2	84.9	105.8	122.0	139.4
-50°	0.0	5.0	11.8	20.6	32.8	47.0	62.8	81.4	100.1	115.6	131.3
-52.5°	0.0	4.7	11.1	19.7	31.3	44.9	60.3	77.5	94.2	108.9	123.1
-55°	0.0	4.5	10.4	18.6	29.6	42.7	57.4	73.4	88.2	102.2	115.7
-57.5°	0.0	4.2	9.6	17.4	27.8	40.3	54.3	69.6	81.9	95.0	108.0
-60°	0.0	3.9	8.9	16.1	25.8	37.6	51.0	64.9	75.4	87.6	100.0
-62.5°	0.0	3.6	8.2	14.8	23.7	34.8	47.3	59.6	69.1	79.9	91.4
-65°	0.0	3.3	7.6	13.3	21.5	31.8	43.4	54.1	62.4	71.9	82.4
-67.5°	0.0	3.0	6.9	11.8	19.1	28.4	39.2	48.2	55.4	63.6	72.8
-70°	0.0	2.7	6.2	10.2	16.6	24.8	34.8	42.3	48.4	54.9	62.6
-72.5°	0.0	2.4	5.5	8.9	14.0	21.1	29.8	36.2	41.2	46.6	52.3
-75°	0.0	2.1	4.7	7.7	11.3	17.2	24.4	29.7	33.9	38.1	42.7
-77.5°	0.0	1.7	4.0	6.5	9.3	13.1	18.9	23.1	26.6	29.7	32.8
-80°	0.0	1.4	3.2	5.2	7.5	10.1	13.2	16.4	19.3	21.8	24.0
-82.5°	0.0	1.0	2.4	3.9	5.6	7.6	9.7	10.8	11.9	13.9	15.6
-85°	0.0	0.7	1.6	2.6	3.8	5.1	6.5	7.2	7.8	8.3	8.6
-87.5°	0.0	0.3	0.8	1.3	1.9	2.5	3.3	3.6	3.9	4.1	4.3
-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°	4.4	4.4	4.3	4.2	4.0	3.8	3.5	3.1	3.2	3.4	3.5
85°	8.8	8.8	9.5	10.2	10.5	10.5	10.3	9.9	11.2	12.6	14.2
82.5°	17.1	18.6	20.0	21.4	21.5	21.1	20.5	19.7	22.3	25.5	28.8
80°	26.3	28.5	31.0	33.3	33.9	33.6	32.9	31.7	35.2	40.0	45.3
77.5°	36.5	39.9	43.1	46.1	47.0	46.9	46.3	45.4	49.7	56.5	63.4
75°	47.2	51.4	55.5	59.2	60.8	60.9	60.7	61.8	67.5	75.4	82.3
72.5°	58.4	63.7	68.4	72.5	75.0	76.9	79.5	82.6	88.4	96.1	102.9
70°	70.2	76.2	81.1	85.6	89.5	93.7	99.1	104.4	110.5	118.2	125.3
67.5°	81.9	87.9	93.5	99.0	106.1	112.8	119.5	126.4	134.1	142.2	149.4
65°	92.7	99.5	106.4	114.3	123.5	131.1	139.4	148.4	158.5	167.7	176.0
62.5°	103.1	110.8	119.2	128.9	138.8	148.3	159.4	171.1	182.9	194.3	205.6
60°	111.9	121.4	131.7	142.6	154.0	167.0	180.0	193.9	208.0	221.7	235.8
57.5°	120.3	132.1	144.0	156.7	170.9	185.8	201.4	217.0	233.8	250.5	266.4
55°	129.0	143.0	156.5	171.5	187.8	205.3	223.0	241.9	260.5	281.4	300.8
52.5°	138.4	153.6	169.4	186.6	205.7	225.4	246.1	267.8	290.9	314.3	337.9
50°	147.5	164.6	182.2	202.9	224.2	246.7	270.6	295.9	322.8	349.8	378.5
47.5°	157.0	175.3	196.8	219.3	243.7	269.3	296.3	326.4	356.4	390.4	423.2
45°	166.4	187.4	210.8	236.9	263.7	292.5	324.6	357.7	395.9	434.3	477.4
42.5°	175.5	199.7	226.1	253.9	284.4	317.5	353.1	394.7	437.8	485.3	535.9
40°	185.9	211.4	241.1	272.2	305.2	343.1	385.9	432.1	484.7	541.0	598.5
37.5°	195.9	224.6	256.0	289.6	328.0	370.7	418.0	474.5	535.3	599.2	677.5
35°	205.4	237.2	271.2	308.1	349.7	399.2	455.7	518.2	588.2	670.7	762.0
32.5°	215.4	249.1	285.6	327.0	374.1	428.2	492.3	565.9	648.7	742.7	856.9
30°	225.5	261.4	299.9	344.8	397.1	459.7	532.6	613.9	709.2	827.0	961.1
27.5°	234.8	272.8	315.0	363.5	419.5	488.7	571.3	666.6	778.8	912.0	1068.6
25°	243.4	283.2	328.9	381.4	444.2	520.1	609.6	715.1	848.5	1007.3	1200.0
22.5°	251.6	292.7	341.5	397.5	466.5	550.5	651.2	772.0	919.4	1097.6	1328.7
20°	259.3	303.0	354.0	412.9	486.3	577.9	689.4	825.0	992.8	1203.8	1454.9
17.5°	266.0	312.1	365.8	429.6	508.5	605.8	725.5	871.8	1058.1	1298.6	1571.3
15°	271.8	319.9	376.1	444.0	528.4	633.4	763.4	923.2	1126.3	1384.8	1673.6
12.5°	276.6	326.4	384.6	456.1	545.2	656.9	795.7	969.0	1192.7	1466.0	1763.3
10°	280.5	331.7	391.5	465.9	558.7	675.9	822.4	1006.5	1247.9	1535.6	1839.2
7.5°	283.7	335.8	396.8	473.3	568.9	690.4	843.1	1035.4	1291.0	1590.7	1897.5
5°	286.0	338.7	400.9	478.5	576.4	700.6	857.6	1055.6	1321.7	1630.7	1937.4
2.5°	287.2	340.3	403.2	481.2	581.0	706.3	865.2	1068.2	1338.6	1653.5	1961.4
0°	287.5	340.5	403.8	481.6	582.3	707.3	866.4	1072.2	1342.2	1659.4	1970.2
-2.5°	287.2	340.3	403.2	481.2	581.0	706.3	865.2	1068.2	1338.6	1653.5	1961.4
-5°	286.0	338.7	400.9	478.5	576.4	700.6	857.6	1055.6	1321.7	1630.7	1937.4
-7.5°	283.7	335.8	396.8	473.3	568.9	690.4	843.1	1035.4	1291.0	1590.7	1897.5
-10°	280.5	331.7	391.5	465.9	558.7	675.9	822.4	1006.5	1247.9	1535.6	1839.2
-12.5°	276.6	326.4	384.6	456.1	545.2	656.9	795.7	969.0	1192.7	1466.0	1763.3
-15°	271.8	319.9	376.1	444.0	528.4	633.4	763.4	923.2	1126.3	1384.8	1673.6
-17.5°	266.0	312.1	365.8	429.6	508.5	605.8	725.5	871.8	1058.1	1298.6	1571.3
-20°	259.3	303.0	354.0	412.9	486.3	577.9	689.4	825.0	992.8	1203.8	1454.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	251.6	292.7	341.5	397.5	466.5	550.5	651.2	772.0	919.4	1097.6	1328.7
-25°	243.4	283.2	328.9	381.4	444.2	520.1	609.6	715.1	848.5	1007.3	1200.0
-27.5°	234.8	272.8	315.0	363.5	419.5	488.7	571.3	666.6	778.8	912.0	1068.6
-30°	225.5	261.4	299.9	344.8	397.1	459.7	532.6	613.9	709.2	827.0	961.1
-32.5°	215.4	249.1	285.6	327.0	374.1	428.2	492.3	565.9	648.7	742.7	856.9
-35°	205.4	237.2	271.2	308.1	349.7	399.2	455.7	518.2	588.2	670.7	762.0
-37.5°	195.9	224.6	256.0	289.6	328.0	370.7	418.0	474.5	535.3	599.2	677.5
-40°	185.9	211.4	241.1	272.2	305.2	343.1	385.9	432.1	484.7	541.0	598.5
-42.5°	175.5	199.7	226.1	253.9	284.4	317.5	353.1	394.7	437.8	485.3	535.9
-45°	166.4	187.4	210.8	236.9	263.7	292.5	324.6	357.7	395.9	434.3	477.4
-47.5°	157.0	175.3	196.8	219.3	243.7	269.3	296.3	326.4	356.4	390.4	423.2
-50°	147.5	164.6	182.2	202.9	224.2	246.7	270.6	295.9	322.8	349.8	378.5
-52.5°	138.4	153.6	169.4	186.6	205.7	225.4	246.1	267.8	290.9	314.3	337.9
-55°	129.0	143.0	156.5	171.5	187.8	205.3	223.0	241.9	260.5	281.4	300.8
-57.5°	120.3	132.1	144.0	156.7	170.9	185.8	201.4	217.0	233.8	250.5	266.4
-60°	111.9	121.4	131.7	142.6	154.0	167.0	180.0	193.9	208.0	221.7	235.8
-62.5°	103.1	110.8	119.2	128.9	138.8	148.3	159.4	171.1	182.9	194.3	205.6
-65°	92.7	99.5	106.4	114.3	123.5	131.1	139.4	148.4	158.5	167.7	176.0
-67.5°	81.9	87.9	93.5	99.0	106.1	112.8	119.5	126.4	134.1	142.2	149.4
-70°	70.2	76.2	81.1	85.6	89.5	93.7	99.1	104.4	110.5	118.2	125.3
-72.5°	58.4	63.7	68.4	72.5	75.0	76.9	79.5	82.6	88.4	96.1	102.9
-75°	47.2	51.4	55.5	59.2	60.8	60.9	60.7	61.8	67.5	75.4	82.3
-77.5°	36.5	39.9	43.1	46.1	47.0	46.9	46.3	45.4	49.7	56.5	63.4
-80°	26.3	28.5	31.0	33.3	33.9	33.6	32.9	31.7	35.2	40.0	45.3
-82.5°	17.1	18.6	20.0	21.4	21.5	21.1	20.5	19.7	22.3	25.5	28.8
-85°	8.8	8.8	9.5	10.2	10.5	10.5	10.3	9.9	11.2	12.6	14.2
-87.5°	4.4	4.4	4.3	4.2	4.0	3.8	3.5	3.1	3.2	3.4	3.5
-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: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-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°	3.6	3.5	3.4	3.2	3.1	3.0	3.0	2.9	2.8	2.6	2.4
85°	15.8	16.2	16.4	16.5	16.5	17.0	17.5	18.0	18.4	16.6	14.7
82.5°	32.2	33.7	35.0	36.4	37.7	38.5	39.2	39.7	40.0	36.2	32.0
80°	50.7	53.8	56.5	59.0	61.4	61.9	61.9	61.6	60.9	55.7	49.9
77.5°	70.5	74.6	77.9	81.1	84.3	85.5	86.1	86.6	86.9	80.5	72.6
75°	88.4	93.4	98.0	102.2	106.2	108.3	109.5	110.5	111.3	104.9	96.4
72.5°	108.9	114.1	119.1	123.9	128.0	130.8	132.6	134.1	135.3	131.6	126.3
70°	131.4	136.8	142.1	147.0	151.7	155.4	158.4	160.9	163.0	163.4	163.2
67.5°	156.3	162.7	169.0	174.3	180.0	185.3	189.9	193.7	196.8	198.8	200.0
65°	184.4	194.0	202.6	209.8	215.9	223.0	229.2	233.9	237.2	239.8	241.9
62.5°	217.4	229.1	238.9	248.6	258.6	268.3	274.4	280.4	286.4	292.0	296.8
60°	249.2	262.0	275.3	287.7	299.1	309.6	320.5	330.2	338.6	345.7	351.0
57.5°	283.1	298.7	313.8	329.5	344.3	358.1	371.5	383.9	394.7	403.7	411.1
55°	319.9	339.0	357.0	376.9	396.2	413.8	430.0	446.6	461.6	474.8	485.3
52.5°	359.6	384.4	408.2	431.5	456.5	479.1	499.3	522.4	542.9	559.8	572.9
50°	407.0	436.1	467.4	496.4	528.0	559.1	587.8	615.6	642.7	666.2	685.2
47.5°	460.9	496.7	535.5	574.0	613.2	655.7	693.6	728.9	766.9	799.8	826.3
45°	520.8	566.5	613.4	667.4	717.2	771.8	822.4	867.8	921.6	969.1	1007.3
42.5°	587.3	648.2	709.8	777.9	843.9	913.3	987.0	1052.3	1123.7	1191.8	1246.9
40°	669.8	742.5	825.1	907.4	1002.3	1091.4	1198.6	1296.1	1384.7	1465.9	1532.5
37.5°	761.4	855.0	958.7	1066.1	1195.8	1322.9	1448.5	1567.1	1671.8	1760.7	1835.2
35°	865.4	984.3	1110.0	1266.7	1418.7	1570.9	1712.8	1842.4	1956.3	2056.5	2141.8
32.5°	985.0	1127.7	1303.7	1479.7	1653.0	1820.7	1976.5	2117.8	2242.7	2355.3	2453.4
30°	1110.8	1305.5	1503.0	1696.1	1885.4	2069.1	2240.0	2395.7	2536.8	2662.2	2775.2
27.5°	1270.5	1486.4	1701.7	1909.9	2118.2	2319.2	2504.4	2677.4	2839.3	2981.0	3110.1
25°	1425.1	1663.6	1892.5	2119.4	2346.2	2562.0	2769.1	2964.5	3149.9	3312.5	3456.7
22.5°	1579.7	1829.3	2073.9	2317.9	2561.5	2802.1	3034.7	3258.5	3465.8	3651.0	3813.3
20°	1722.9	1983.7	2245.3	2508.4	2772.4	3035.8	3297.0	3548.9	3779.9	3993.7	4181.5
17.5°	1851.2	2128.6	2406.0	2687.4	2973.6	3259.5	3549.7	3832.1	4096.2	4339.4	4557.3
15°	1964.8	2254.3	2552.2	2855.9	3163.2	3473.7	3790.4	4106.3	4403.6	4679.8	4923.1
12.5°	2064.2	2365.2	2677.4	3000.0	3333.6	3671.9	4017.4	4363.7	4692.8	5011.8	5274.5
10°	2146.1	2459.5	2785.7	3124.8	3476.6	3840.6	4211.3	4584.1	4946.7	5285.1	5585.5
7.5°	2209.5	2534.5	2870.7	3223.4	3592.4	3976.3	4369.0	4764.6	5151.6	5516.2	5848.6
5°	2254.2	2589.2	2929.6	3296.4	3678.2	4076.1	4484.2	4896.5	5301.0	5684.4	6028.9
2.5°	2280.1	2622.0	2963.9	3340.8	3729.3	4136.5	4555.8	4974.8	5389.9	5787.6	6141.5
0°	2286.9	2631.8	2983.5	3345.5	3745.4	4164.7	4569.0	4989.3	5420.8	5812.9	6165.6
-2.5°	2280.1	2622.0	2963.9	3340.8	3729.3	4136.5	4555.8	4974.8	5389.9	5787.6	6141.5
-5°	2254.2	2589.2	2929.6	3296.4	3678.2	4076.1	4484.2	4896.5	5301.0	5684.4	6028.9
-7.5°	2209.5	2534.5	2870.7	3223.4	3592.4	3976.3	4369.0	4764.6	5151.6	5516.2	5848.6
-10°	2146.1	2459.5	2785.7	3124.8	3476.6	3840.6	4211.3	4584.1	4946.7	5285.1	5585.5
-12.5°	2064.2	2365.2	2677.4	3000.0	3333.6	3671.9	4017.4	4363.7	4692.8	5011.8	5274.5
-15°	1964.8	2254.3	2552.2	2855.9	3163.2	3473.7	3790.4	4106.3	4403.6	4679.8	4923.1
-17.5°	1851.2	2128.6	2406.0	2687.4	2973.6	3259.5	3549.7	3832.1	4096.2	4339.4	4557.3
-20°	1722.9	1983.7	2245.3	2508.4	2772.4	3035.8	3297.0	3548.9	3779.9	3993.7	4181.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1579.7	1829.3	2073.9	2317.9	2561.5	2802.1	3034.7	3258.5	3465.8	3651.0	3813.3
-25°	1425.1	1663.6	1892.5	2119.4	2346.2	2562.0	2769.1	2964.5	3149.9	3312.5	3456.7
-27.5°	1270.5	1486.4	1701.7	1909.9	2118.2	2319.2	2504.4	2677.4	2839.3	2981.0	3110.1
-30°	1110.8	1305.5	1503.0	1696.1	1885.4	2069.1	2240.0	2395.7	2536.8	2662.2	2775.2
-32.5°	985.0	1127.7	1303.7	1479.7	1653.0	1820.7	1976.5	2117.8	2242.7	2355.3	2453.4
-35°	865.4	984.3	1110.0	1266.7	1418.7	1570.9	1712.8	1842.4	1956.3	2056.5	2141.8
-37.5°	761.4	855.0	958.7	1066.1	1195.8	1322.9	1448.5	1567.1	1671.8	1760.7	1835.2
-40°	669.8	742.5	825.1	907.4	1002.3	1091.4	1198.6	1296.1	1384.7	1465.9	1532.5
-42.5°	587.3	648.2	709.8	777.9	843.9	913.3	987.0	1052.3	1123.7	1191.8	1246.9
-45°	520.8	566.5	613.4	667.4	717.2	771.8	822.4	867.8	921.6	969.1	1007.3
-47.5°	460.9	496.7	535.5	574.0	613.2	655.7	693.6	728.9	766.9	799.8	826.3
-50°	407.0	436.1	467.4	496.4	528.0	559.1	587.8	615.6	642.7	666.2	685.2
-52.5°	359.6	384.4	408.2	431.5	456.5	479.1	499.3	522.4	542.9	559.8	572.9
-55°	319.9	339.0	357.0	376.9	396.2	413.8	430.0	446.6	461.6	474.8	485.3
-57.5°	283.1	298.7	313.8	329.5	344.3	358.1	371.5	383.9	394.7	403.7	411.1
-60°	249.2	262.0	275.3	287.7	299.1	309.6	320.5	330.2	338.6	345.7	351.0
-62.5°	217.4	229.1	238.9	248.6	258.6	268.3	274.4	280.4	286.4	292.0	296.8
-65°	184.4	194.0	202.6	209.8	215.9	223.0	229.2	233.9	237.2	239.8	241.9
-67.5°	156.3	162.7	169.0	174.3	180.0	185.3	189.9	193.7	196.8	198.8	200.0
-70°	131.4	136.8	142.1	147.0	151.7	155.4	158.4	160.9	163.0	163.4	163.2
-72.5°	108.9	114.1	119.1	123.9	128.0	130.8	132.6	134.1	135.3	131.6	126.3
-75°	88.4	93.4	98.0	102.2	106.2	108.3	109.5	110.5	111.3	104.9	96.4
-77.5°	70.5	74.6	77.9	81.1	84.3	85.5	86.1	86.6	86.9	80.5	72.6
-80°	50.7	53.8	56.5	59.0	61.4	61.9	61.9	61.6	60.9	55.7	49.9
-82.5°	32.2	33.7	35.0	36.4	37.7	38.5	39.2	39.7	40.0	36.2	32.0
-85°	15.8	16.2	16.4	16.5	16.5	17.0	17.5	18.0	18.4	16.6	14.7
-87.5°	3.6	3.5	3.4	3.2	3.1	3.0	3.0	2.9	2.8	2.6	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: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	2.1	1.9	1.7	1.5	1.7	1.9	2.1	2.4	2.6	2.8	2.9
85°	12.7	10.6	10.4	10.2	10.4	10.6	12.7	14.7	16.6	18.4	18.0
82.5°	27.5	22.8	22.1	21.4	22.1	22.8	27.5	32.0	36.2	40.0	39.7
80°	43.8	37.5	36.2	35.0	36.2	37.5	43.8	49.9	55.7	60.9	61.6
77.5°	64.3	55.6	53.0	50.6	53.0	55.6	64.3	72.6	80.5	86.9	86.6
75°	87.6	78.4	75.4	72.5	75.4	78.4	87.6	96.4	104.9	111.3	110.5
72.5°	120.9	115.4	109.8	103.6	109.8	115.4	120.9	126.3	131.6	135.3	134.1
70°	163.0	162.6	161.2	159.1	161.2	162.6	163.0	163.2	163.4	163.0	160.9
67.5°	200.5	200.3	200.8	200.9	200.8	200.3	200.5	200.0	198.8	196.8	193.7
65°	243.3	243.7	244.8	245.2	244.8	243.7	243.3	241.9	239.8	237.2	233.9
62.5°	300.5	303.0	304.2	304.0	304.2	303.0	300.5	296.8	292.0	286.4	280.4
60°	354.9	357.5	359.1	359.5	359.1	357.5	354.9	351.0	345.7	338.6	330.2
57.5°	416.9	421.2	423.4	423.7	423.4	421.2	416.9	411.1	403.7	394.7	383.9
55°	493.3	498.9	501.4	501.1	501.4	498.9	493.3	485.3	474.8	461.6	446.6
52.5°	582.8	589.6	594.8	597.9	594.8	589.6	582.8	572.9	559.8	542.9	522.4
50°	699.5	709.2	715.5	718.0	715.5	709.2	699.5	685.2	666.2	642.7	615.6
47.5°	845.4	858.4	868.0	874.7	868.0	858.4	845.4	826.3	799.8	766.9	728.9
45°	1035.5	1055.3	1068.7	1076.6	1068.7	1055.3	1035.5	1007.3	969.1	921.6	867.8
42.5°	1289.9	1320.6	1339.4	1346.6	1339.4	1320.6	1289.9	1246.9	1191.8	1123.7	1052.3
40°	1585.1	1621.9	1646.1	1662.8	1646.1	1621.9	1585.1	1532.5	1465.9	1384.7	1296.1
37.5°	1892.5	1931.2	1954.8	1970.7	1954.8	1931.2	1892.5	1835.2	1760.7	1671.8	1567.1
35°	2206.1	2246.7	2268.8	2281.1	2268.8	2246.7	2206.1	2141.8	2056.5	1956.3	1842.4
32.5°	2528.1	2572.7	2596.8	2621.6	2596.8	2572.7	2528.1	2453.4	2355.3	2242.7	2117.8
30°	2864.4	2915.7	2940.8	2952.9	2940.8	2915.7	2864.4	2775.2	2662.2	2536.8	2395.7
27.5°	3214.4	3278.2	3309.7	3330.4	3309.7	3278.2	3214.4	3110.1	2981.0	2839.3	2677.4
25°	3578.5	3657.6	3693.7	3725.9	3693.7	3657.6	3578.5	3456.7	3312.5	3149.9	2964.5
22.5°	3956.3	4054.8	4096.6	4119.5	4096.6	4054.8	3956.3	3813.3	3651.0	3465.8	3258.5
20°	4344.0	4461.7	4519.7	4549.5	4519.7	4461.7	4344.0	4181.5	3993.7	3779.9	3548.9
17.5°	4740.4	4886.8	4961.8	4979.1	4961.8	4886.8	4740.4	4557.3	4339.4	4096.2	3832.1
15°	5129.5	5287.9	5376.6	5409.1	5376.6	5287.9	5129.5	4923.1	4679.8	4403.6	4106.3
12.5°	5498.0	5662.2	5768.2	5787.1	5768.2	5662.2	5498.0	5274.5	5011.8	4692.8	4363.7
10°	5832.3	6002.4	6119.4	6146.1	6119.4	6002.4	5832.3	5585.5	5285.1	4946.7	4584.1
7.5°	6111.7	6298.3	6427.7	6450.2	6427.7	6298.3	6111.7	5848.6	5516.2	5151.6	4764.6
5°	6316.1	6537.8	6643.9	6670.5	6643.9	6537.8	6316.1	6028.9	5684.4	5301.0	4896.5
2.5°	6428.3	6653.9	6801.4	6784.4	6801.4	6653.9	6428.3	6141.5	5787.6	5389.9	4974.8
0°	6440.9	6676.9	6817.9	6883.1	6817.9	6676.9	6440.9	6165.6	5812.9	5420.8	4989.3
-2.5°	6428.3	6653.9	6801.4	6784.4	6801.4	6653.9	6428.3	6141.5	5787.6	5389.9	4974.8
-5°	6316.1	6537.8	6643.9	6670.5	6643.9	6537.8	6316.1	6028.9	5684.4	5301.0	4896.5
-7.5°	6111.7	6298.3	6427.7	6450.2	6427.7	6298.3	6111.7	5848.6	5516.2	5151.6	4764.6
-10°	5832.3	6002.4	6119.4	6146.1	6119.4	6002.4	5832.3	5585.5	5285.1	4946.7	4584.1
-12.5°	5498.0	5662.2	5768.2	5787.1	5768.2	5662.2	5498.0	5274.5	5011.8	4692.8	4363.7
-15°	5129.5	5287.9	5376.6	5409.1	5376.6	5287.9	5129.5	4923.1	4679.8	4403.6	4106.3
-17.5°	4740.4	4886.8	4961.8	4979.1	4961.8	4886.8	4740.4	4557.3	4339.4	4096.2	3832.1
-20°	4344.0	4461.7	4519.7	4549.5	4519.7	4461.7	4344.0	4181.5	3993.7	3779.9	3548.9



REPORT NUMBER: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-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°	3956.3	4054.8	4096.6	4119.5	4096.6	4054.8	3956.3	3813.3	3651.0	3465.8	3258.5
-25°	3578.5	3657.6	3693.7	3725.9	3693.7	3657.6	3578.5	3456.7	3312.5	3149.9	2964.5
-27.5°	3214.4	3278.2	3309.7	3330.4	3309.7	3278.2	3214.4	3110.1	2981.0	2839.3	2677.4
-30°	2864.4	2915.7	2940.8	2952.9	2940.8	2915.7	2864.4	2775.2	2662.2	2536.8	2395.7
-32.5°	2528.1	2572.7	2596.8	2621.6	2596.8	2572.7	2528.1	2453.4	2355.3	2242.7	2117.8
-35°	2206.1	2246.7	2268.8	2281.1	2268.8	2246.7	2206.1	2141.8	2056.5	1956.3	1842.4
-37.5°	1892.5	1931.2	1954.8	1970.7	1954.8	1931.2	1892.5	1835.2	1760.7	1671.8	1567.1
-40°	1585.1	1621.9	1646.1	1662.8	1646.1	1621.9	1585.1	1532.5	1465.9	1384.7	1296.1
-42.5°	1289.9	1320.6	1339.4	1346.6	1339.4	1320.6	1289.9	1246.9	1191.8	1123.7	1052.3
-45°	1035.5	1055.3	1068.7	1076.6	1068.7	1055.3	1035.5	1007.3	969.1	921.6	867.8
-47.5°	845.4	858.4	868.0	874.7	868.0	858.4	845.4	826.3	799.8	766.9	728.9
-50°	699.5	709.2	715.5	718.0	715.5	709.2	699.5	685.2	666.2	642.7	615.6
-52.5°	582.8	589.6	594.8	597.9	594.8	589.6	582.8	572.9	559.8	542.9	522.4
-55°	493.3	498.9	501.4	501.1	501.4	498.9	493.3	485.3	474.8	461.6	446.6
-57.5°	416.9	421.2	423.4	423.7	423.4	421.2	416.9	411.1	403.7	394.7	383.9
-60°	354.9	357.5	359.1	359.5	359.1	357.5	354.9	351.0	345.7	338.6	330.2
-62.5°	300.5	303.0	304.2	304.0	304.2	303.0	300.5	296.8	292.0	286.4	280.4
-65°	243.3	243.7	244.8	245.2	244.8	243.7	243.3	241.9	239.8	237.2	233.9
-67.5°	200.5	200.3	200.8	200.9	200.8	200.3	200.5	200.0	198.8	196.8	193.7
-70°	163.0	162.6	161.2	159.1	161.2	162.6	163.0	163.2	163.4	163.0	160.9
-72.5°	120.9	115.4	109.8	103.6	109.8	115.4	120.9	126.3	131.6	135.3	134.1
-75°	87.6	78.4	75.4	72.5	75.4	78.4	87.6	96.4	104.9	111.3	110.5
-77.5°	64.3	55.6	53.0	50.6	53.0	55.6	64.3	72.6	80.5	86.9	86.6
-80°	43.8	37.5	36.2	35.0	36.2	37.5	43.8	49.9	55.7	60.9	61.6
-82.5°	27.5	22.8	22.1	21.4	22.1	22.8	27.5	32.0	36.2	40.0	39.7
-85°	12.7	10.6	10.4	10.2	10.4	10.6	12.7	14.7	16.6	18.4	18.0
-87.5°	2.1	1.9	1.7	1.5	1.7	1.9	2.1	2.4	2.6	2.8	2.9
-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: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-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°	3.0	3.0	3.1	3.2	3.4	3.5	3.6	3.5	3.4	3.2	3.1
85°	17.5	17.0	16.5	16.5	16.4	16.2	15.8	14.2	12.6	11.2	9.9
82.5°	39.2	38.5	37.7	36.4	35.0	33.7	32.2	28.8	25.5	22.3	19.7
80°	61.9	61.9	61.4	59.0	56.5	53.8	50.7	45.3	40.0	35.2	31.7
77.5°	86.1	85.5	84.3	81.1	77.9	74.6	70.5	63.4	56.5	49.7	45.4
75°	109.5	108.3	106.2	102.2	98.0	93.4	88.4	82.3	75.4	67.5	61.8
72.5°	132.6	130.8	128.0	123.9	119.1	114.1	108.9	102.9	96.1	88.4	82.6
70°	158.4	155.4	151.7	147.0	142.1	136.8	131.4	125.3	118.2	110.5	104.4
67.5°	189.9	185.3	180.0	174.3	169.0	162.7	156.3	149.4	142.2	134.1	126.4
65°	229.2	223.0	215.9	209.8	202.6	194.0	184.4	176.0	167.7	158.5	148.4
62.5°	274.4	268.3	258.6	248.6	238.9	229.1	217.4	205.6	194.3	182.9	171.1
60°	320.5	309.6	299.1	287.7	275.3	262.0	249.2	235.8	221.7	208.0	193.9
57.5°	371.5	358.1	344.3	329.5	313.8	298.7	283.1	266.4	250.5	233.8	217.0
55°	430.0	413.8	396.2	376.9	357.0	339.0	319.9	300.8	281.4	260.5	241.9
52.5°	499.3	479.1	456.5	431.5	408.2	384.4	359.6	337.9	314.3	290.9	267.8
50°	587.8	559.1	528.0	496.4	467.4	436.1	407.0	378.5	349.8	322.8	295.9
47.5°	693.6	655.7	613.2	574.0	535.5	496.7	460.9	423.2	390.4	356.4	326.4
45°	822.4	771.8	717.2	667.4	613.4	566.5	520.8	477.4	434.3	395.9	357.7
42.5°	987.0	913.3	843.9	777.9	709.8	648.2	587.3	535.9	485.3	437.8	394.7
40°	1198.6	1091.4	1002.3	907.4	825.1	742.5	669.8	598.5	541.0	484.7	432.1
37.5°	1448.5	1322.9	1195.8	1066.1	958.7	855.0	761.4	677.5	599.2	535.3	474.5
35°	1712.8	1570.9	1418.7	1266.7	1110.0	984.3	865.4	762.0	670.7	588.2	518.2
32.5°	1976.5	1820.7	1653.0	1479.7	1303.7	1127.7	985.0	856.9	742.7	648.7	565.9
30°	2240.0	2069.1	1885.4	1696.1	1503.0	1305.5	1110.8	961.1	827.0	709.2	613.9
27.5°	2504.4	2319.2	2118.2	1909.9	1701.7	1486.4	1270.5	1068.6	912.0	778.8	666.6
25°	2769.1	2562.0	2346.2	2119.4	1892.5	1663.6	1425.1	1200.0	1007.3	848.5	715.1
22.5°	3034.7	2802.1	2561.5	2317.9	2073.9	1829.3	1579.7	1328.7	1097.6	919.4	772.0
20°	3297.0	3035.8	2772.4	2508.4	2245.3	1983.7	1722.9	1454.9	1203.8	992.8	825.0
17.5°	3549.7	3259.5	2973.6	2687.4	2406.0	2128.6	1851.2	1571.3	1298.6	1058.1	871.8
15°	3790.4	3473.7	3163.2	2855.9	2552.2	2254.3	1964.8	1673.6	1384.8	1126.3	923.2
12.5°	4017.4	3671.9	3333.6	3000.0	2677.4	2365.2	2064.2	1763.3	1466.0	1192.7	969.0
10°	4211.3	3840.6	3476.6	3124.8	2785.7	2459.5	2146.1	1839.2	1535.6	1247.9	1006.5
7.5°	4369.0	3976.3	3592.4	3223.4	2870.7	2534.5	2209.5	1897.5	1590.7	1291.0	1035.4
5°	4484.2	4076.1	3678.2	3296.4	2929.6	2589.2	2254.2	1937.4	1630.7	1321.7	1055.6
2.5°	4555.8	4136.5	3729.3	3340.8	2963.9	2622.0	2280.1	1961.4	1653.5	1338.6	1068.2
0°	4569.0	4164.7	3745.4	3345.5	2983.5	2631.8	2286.9	1970.2	1659.4	1342.2	1072.2
-2.5°	4555.8	4136.5	3729.3	3340.8	2963.9	2622.0	2280.1	1961.4	1653.5	1338.6	1068.2
-5°	4484.2	4076.1	3678.2	3296.4	2929.6	2589.2	2254.2	1937.4	1630.7	1321.7	1055.6
-7.5°	4369.0	3976.3	3592.4	3223.4	2870.7	2534.5	2209.5	1897.5	1590.7	1291.0	1035.4
-10°	4211.3	3840.6	3476.6	3124.8	2785.7	2459.5	2146.1	1839.2	1535.6	1247.9	1006.5
-12.5°	4017.4	3671.9	3333.6	3000.0	2677.4	2365.2	2064.2	1763.3	1466.0	1192.7	969.0
-15°	3790.4	3473.7	3163.2	2855.9	2552.2	2254.3	1964.8	1673.6	1384.8	1126.3	923.2
-17.5°	3549.7	3259.5	2973.6	2687.4	2406.0	2128.6	1851.2	1571.3	1298.6	1058.1	871.8
-20°	3297.0	3035.8	2772.4	2508.4	2245.3	1983.7	1722.9	1454.9	1203.8	992.8	825.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3034.7	2802.1	2561.5	2317.9	2073.9	1829.3	1579.7	1328.7	1097.6	919.4	772.0
-25°	2769.1	2562.0	2346.2	2119.4	1892.5	1663.6	1425.1	1200.0	1007.3	848.5	715.1
-27.5°	2504.4	2319.2	2118.2	1909.9	1701.7	1486.4	1270.5	1068.6	912.0	778.8	666.6
-30°	2240.0	2069.1	1885.4	1696.1	1503.0	1305.5	1110.8	961.1	827.0	709.2	613.9
-32.5°	1976.5	1820.7	1653.0	1479.7	1303.7	1127.7	985.0	856.9	742.7	648.7	565.9
-35°	1712.8	1570.9	1418.7	1266.7	1110.0	984.3	865.4	762.0	670.7	588.2	518.2
-37.5°	1448.5	1322.9	1195.8	1066.1	958.7	855.0	761.4	677.5	599.2	535.3	474.5
-40°	1198.6	1091.4	1002.3	907.4	825.1	742.5	669.8	598.5	541.0	484.7	432.1
-42.5°	987.0	913.3	843.9	777.9	709.8	648.2	587.3	535.9	485.3	437.8	394.7
-45°	822.4	771.8	717.2	667.4	613.4	566.5	520.8	477.4	434.3	395.9	357.7
-47.5°	693.6	655.7	613.2	574.0	535.5	496.7	460.9	423.2	390.4	356.4	326.4
-50°	587.8	559.1	528.0	496.4	467.4	436.1	407.0	378.5	349.8	322.8	295.9
-52.5°	499.3	479.1	456.5	431.5	408.2	384.4	359.6	337.9	314.3	290.9	267.8
-55°	430.0	413.8	396.2	376.9	357.0	339.0	319.9	300.8	281.4	260.5	241.9
-57.5°	371.5	358.1	344.3	329.5	313.8	298.7	283.1	266.4	250.5	233.8	217.0
-60°	320.5	309.6	299.1	287.7	275.3	262.0	249.2	235.8	221.7	208.0	193.9
-62.5°	274.4	268.3	258.6	248.6	238.9	229.1	217.4	205.6	194.3	182.9	171.1
-65°	229.2	223.0	215.9	209.8	202.6	194.0	184.4	176.0	167.7	158.5	148.4
-67.5°	189.9	185.3	180.0	174.3	169.0	162.7	156.3	149.4	142.2	134.1	126.4
-70°	158.4	155.4	151.7	147.0	142.1	136.8	131.4	125.3	118.2	110.5	104.4
-72.5°	132.6	130.8	128.0	123.9	119.1	114.1	108.9	102.9	96.1	88.4	82.6
-75°	109.5	108.3	106.2	102.2	98.0	93.4	88.4	82.3	75.4	67.5	61.8
-77.5°	86.1	85.5	84.3	81.1	77.9	74.6	70.5	63.4	56.5	49.7	45.4
-80°	61.9	61.9	61.4	59.0	56.5	53.8	50.7	45.3	40.0	35.2	31.7
-82.5°	39.2	38.5	37.7	36.4	35.0	33.7	32.2	28.8	25.5	22.3	19.7
-85°	17.5	17.0	16.5	16.5	16.4	16.2	15.8	14.2	12.6	11.2	9.9
-87.5°	3.0	3.0	3.1	3.2	3.4	3.5	3.6	3.5	3.4	3.2	3.1
-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: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-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°	3.5	3.8	4.0	4.2	4.3	4.4	4.4	4.3	4.1	3.9	3.6
85°	10.3	10.5	10.5	10.2	9.5	8.8	8.8	8.6	8.3	7.8	7.2
82.5°	20.5	21.1	21.5	21.4	20.0	18.6	17.1	15.6	13.9	11.9	10.8
80°	32.9	33.6	33.9	33.3	31.0	28.5	26.3	24.0	21.8	19.3	16.4
77.5°	46.3	46.9	47.0	46.1	43.1	39.9	36.5	32.8	29.7	26.6	23.1
75°	60.7	60.9	60.8	59.2	55.5	51.4	47.2	42.7	38.1	33.9	29.7
72.5°	79.5	76.9	75.0	72.5	68.4	63.7	58.4	52.3	46.6	41.2	36.2
70°	99.1	93.7	89.5	85.6	81.1	76.2	70.2	62.6	54.9	48.4	42.3
67.5°	119.5	112.8	106.1	99.0	93.5	87.9	81.9	72.8	63.6	55.4	48.2
65°	139.4	131.1	123.5	114.3	106.4	99.5	92.7	82.4	71.9	62.4	54.1
62.5°	159.4	148.3	138.8	128.9	119.2	110.8	103.1	91.4	79.9	69.1	59.6
60°	180.0	167.0	154.0	142.6	131.7	121.4	111.9	100.0	87.6	75.4	64.9
57.5°	201.4	185.8	170.9	156.7	144.0	132.1	120.3	108.0	95.0	81.9	69.6
55°	223.0	205.3	187.8	171.5	156.5	143.0	129.0	115.7	102.2	88.2	73.4
52.5°	246.1	225.4	205.7	186.6	169.4	153.6	138.4	123.1	108.9	94.2	77.5
50°	270.6	246.7	224.2	202.9	182.2	164.6	147.5	131.3	115.6	100.1	81.4
47.5°	296.3	269.3	243.7	219.3	196.8	175.3	157.0	139.4	122.0	105.8	84.9
45°	324.6	292.5	263.7	236.9	210.8	187.4	166.4	147.2	129.0	110.0	88.1
42.5°	353.1	317.5	284.4	253.9	226.1	199.7	175.5	155.3	135.7	113.7	91.2
40°	385.9	343.1	305.2	272.2	241.1	211.4	185.9	163.0	142.0	117.5	94.2
37.5°	418.0	370.7	328.0	289.6	256.0	224.6	195.9	170.4	146.9	121.6	96.9
35°	455.7	399.2	349.7	308.1	271.2	237.2	205.4	178.0	152.4	125.5	99.3
32.5°	492.3	428.2	374.1	327.0	285.6	249.1	215.4	185.8	157.9	129.3	101.4
30°	532.6	459.7	397.1	344.8	299.9	261.4	225.5	193.1	163.5	132.8	103.5
27.5°	571.3	488.7	419.5	363.5	315.0	272.8	234.8	199.9	169.0	136.5	106.0
25°	609.6	520.1	444.2	381.4	328.9	283.2	243.4	206.3	174.5	140.6	108.3
22.5°	651.2	550.5	466.5	397.5	341.5	292.7	251.6	213.3	179.6	144.6	110.4
20°	689.4	577.9	486.3	412.9	354.0	303.0	259.3	219.5	184.1	148.3	112.1
17.5°	725.5	605.8	508.5	429.6	365.8	312.1	266.0	225.0	188.1	151.7	113.5
15°	763.4	633.4	528.4	444.0	376.1	319.9	271.8	229.8	191.5	154.7	114.8
12.5°	795.7	656.9	545.2	456.1	384.6	326.4	276.6	233.7	194.4	157.3	115.9
10°	822.4	675.9	558.7	465.9	391.5	331.7	280.5	236.9	196.8	159.4	116.6
7.5°	843.1	690.4	568.9	473.3	396.8	335.8	283.7	239.3	198.6	160.8	116.7
5°	857.6	700.6	576.4	478.5	400.9	338.7	286.0	241.0	199.9	161.5	116.4
2.5°	865.2	706.3	581.0	481.2	403.2	340.3	287.2	241.8	200.5	161.6	115.6
0°	866.4	707.3	582.3	481.6	403.8	340.5	287.5	241.8	200.4	161.0	114.3
-2.5°	865.2	706.3	581.0	481.2	403.2	340.3	287.2	241.8	200.5	161.6	115.6
-5°	857.6	700.6	576.4	478.5	400.9	338.7	286.0	241.0	199.9	161.5	116.4
-7.5°	843.1	690.4	568.9	473.3	396.8	335.8	283.7	239.3	198.6	160.8	116.7
-10°	822.4	675.9	558.7	465.9	391.5	331.7	280.5	236.9	196.8	159.4	116.6
-12.5°	795.7	656.9	545.2	456.1	384.6	326.4	276.6	233.7	194.4	157.3	115.9
-15°	763.4	633.4	528.4	444.0	376.1	319.9	271.8	229.8	191.5	154.7	114.8
-17.5°	725.5	605.8	508.5	429.6	365.8	312.1	266.0	225.0	188.1	151.7	113.5
-20°	689.4	577.9	486.3	412.9	354.0	303.0	259.3	219.5	184.1	148.3	112.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	651.2	550.5	466.5	397.5	341.5	292.7	251.6	213.3	179.6	144.6	110.4
-25°	609.6	520.1	444.2	381.4	328.9	283.2	243.4	206.3	174.5	140.6	108.3
-27.5°	571.3	488.7	419.5	363.5	315.0	272.8	234.8	199.9	169.0	136.5	106.0
-30°	532.6	459.7	397.1	344.8	299.9	261.4	225.5	193.1	163.5	132.8	103.5
-32.5°	492.3	428.2	374.1	327.0	285.6	249.1	215.4	185.8	157.9	129.3	101.4
-35°	455.7	399.2	349.7	308.1	271.2	237.2	205.4	178.0	152.4	125.5	99.3
-37.5°	418.0	370.7	328.0	289.6	256.0	224.6	195.9	170.4	146.9	121.6	96.9
-40°	385.9	343.1	305.2	272.2	241.1	211.4	185.9	163.0	142.0	117.5	94.2
-42.5°	353.1	317.5	284.4	253.9	226.1	199.7	175.5	155.3	135.7	113.7	91.2
-45°	324.6	292.5	263.7	236.9	210.8	187.4	166.4	147.2	129.0	110.0	88.1
-47.5°	296.3	269.3	243.7	219.3	196.8	175.3	157.0	139.4	122.0	105.8	84.9
-50°	270.6	246.7	224.2	202.9	182.2	164.6	147.5	131.3	115.6	100.1	81.4
-52.5°	246.1	225.4	205.7	186.6	169.4	153.6	138.4	123.1	108.9	94.2	77.5
-55°	223.0	205.3	187.8	171.5	156.5	143.0	129.0	115.7	102.2	88.2	73.4
-57.5°	201.4	185.8	170.9	156.7	144.0	132.1	120.3	108.0	95.0	81.9	69.6
-60°	180.0	167.0	154.0	142.6	131.7	121.4	111.9	100.0	87.6	75.4	64.9
-62.5°	159.4	148.3	138.8	128.9	119.2	110.8	103.1	91.4	79.9	69.1	59.6
-65°	139.4	131.1	123.5	114.3	106.4	99.5	92.7	82.4	71.9	62.4	54.1
-67.5°	119.5	112.8	106.1	99.0	93.5	87.9	81.9	72.8	63.6	55.4	48.2
-70°	99.1	93.7	89.5	85.6	81.1	76.2	70.2	62.6	54.9	48.4	42.3
-72.5°	79.5	76.9	75.0	72.5	68.4	63.7	58.4	52.3	46.6	41.2	36.2
-75°	60.7	60.9	60.8	59.2	55.5	51.4	47.2	42.7	38.1	33.9	29.7
-77.5°	46.3	46.9	47.0	46.1	43.1	39.9	36.5	32.8	29.7	26.6	23.1
-80°	32.9	33.6	33.9	33.3	31.0	28.5	26.3	24.0	21.8	19.3	16.4
-82.5°	20.5	21.1	21.5	21.4	20.0	18.6	17.1	15.6	13.9	11.9	10.8
-85°	10.3	10.5	10.5	10.2	9.5	8.8	8.8	8.6	8.3	7.8	7.2
-87.5°	3.5	3.8	4.0	4.2	4.3	4.4	4.4	4.3	4.1	3.9	3.6
-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: P626743 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	3.3	2.5	1.9	1.3	0.8	0.3	0.0
85°	6.5	5.1	3.8	2.6	1.6	0.7	0.0
82.5°	9.7	7.6	5.6	3.9	2.4	1.0	0.0
80°	13.2	10.1	7.5	5.2	3.2	1.4	0.0
77.5°	18.9	13.1	9.3	6.5	4.0	1.7	0.0
75°	24.4	17.2	11.3	7.7	4.7	2.1	0.0
72.5°	29.8	21.1	14.0	8.9	5.5	2.4	0.0
70°	34.8	24.8	16.6	10.2	6.2	2.7	0.0
67.5°	39.2	28.4	19.1	11.8	6.9	3.0	0.0
65°	43.4	31.8	21.5	13.3	7.6	3.3	0.0
62.5°	47.3	34.8	23.7	14.8	8.2	3.6	0.0
60°	51.0	37.6	25.8	16.1	8.9	3.9	0.0
57.5°	54.3	40.3	27.8	17.4	9.6	4.2	0.0
55°	57.4	42.7	29.6	18.6	10.4	4.5	0.0
52.5°	60.3	44.9	31.3	19.7	11.1	4.7	0.0
50°	62.8	47.0	32.8	20.6	11.8	5.0	0.0
47.5°	65.2	48.8	34.1	21.5	12.4	5.2	0.0
45°	67.9	50.5	35.3	22.4	13.1	5.4	0.0
42.5°	70.3	51.9	36.4	23.2	13.7	5.6	0.0
40°	72.4	53.1	37.3	24.0	14.2	5.8	0.0
37.5°	74.1	54.1	38.1	24.9	14.7	6.0	0.0
35°	75.6	55.2	38.8	25.7	15.2	6.1	0.0
32.5°	77.0	56.2	39.3	26.5	15.6	6.3	0.0
30°	78.5	57.0	39.7	27.1	16.0	6.4	0.0
27.5°	79.7	57.6	40.5	27.7	16.4	6.5	0.0
25°	80.7	58.0	41.3	28.2	16.7	6.6	0.0
22.5°	81.4	58.4	42.1	28.6	17.0	6.7	0.0
20°	81.8	59.5	42.7	29.0	17.2	6.8	0.0
17.5°	82.7	60.4	43.2	29.3	17.4	6.8	0.0
15°	83.8	61.0	43.6	29.5	17.5	6.9	0.0
12.5°	84.6	61.5	43.9	29.6	17.6	6.9	0.0
10°	85.1	61.9	44.1	29.7	17.7	6.9	0.0
7.5°	85.3	62.0	44.2	29.7	17.7	6.9	0.0
5°	85.2	61.9	44.2	29.6	17.7	6.9	0.0
2.5°	84.8	61.7	44.0	29.4	17.6	6.8	0.0
0°	84.2	61.3	43.8	29.2	17.5	6.8	0.0
-2.5°	84.8	61.7	44.0	29.4	17.6	6.8	0.0
-5°	85.2	61.9	44.2	29.6	17.7	6.9	0.0
-7.5°	85.3	62.0	44.2	29.7	17.7	6.9	0.0
-10°	85.1	61.9	44.1	29.7	17.7	6.9	0.0
-12.5°	84.6	61.5	43.9	29.6	17.6	6.9	0.0
-15°	83.8	61.0	43.6	29.5	17.5	6.9	0.0
-17.5°	82.7	60.4	43.2	29.3	17.4	6.8	0.0
-20°	81.8	59.5	42.7	29.0	17.2	6.8	0.0

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CATALOG NUMBER: GFLD-SA1D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	81.4	58.4	42.1	28.6	17.0	6.7	0.0
-25°	80.7	58.0	41.3	28.2	16.7	6.6	0.0
-27.5°	79.7	57.6	40.5	27.7	16.4	6.5	0.0
-30°	78.5	57.0	39.7	27.1	16.0	6.4	0.0
-32.5°	77.0	56.2	39.3	26.5	15.6	6.3	0.0
-35°	75.6	55.2	38.8	25.7	15.2	6.1	0.0
-37.5°	74.1	54.1	38.1	24.9	14.7	6.0	0.0
-40°	72.4	53.1	37.3	24.0	14.2	5.8	0.0
-42.5°	70.3	51.9	36.4	23.2	13.7	5.6	0.0
-45°	67.9	50.5	35.3	22.4	13.1	5.4	0.0
-47.5°	65.2	48.8	34.1	21.5	12.4	5.2	0.0
-50°	62.8	47.0	32.8	20.6	11.8	5.0	0.0
-52.5°	60.3	44.9	31.3	19.7	11.1	4.7	0.0
-55°	57.4	42.7	29.6	18.6	10.4	4.5	0.0
-57.5°	54.3	40.3	27.8	17.4	9.6	4.2	0.0
-60°	51.0	37.6	25.8	16.1	8.9	3.9	0.0
-62.5°	47.3	34.8	23.7	14.8	8.2	3.6	0.0
-65°	43.4	31.8	21.5	13.3	7.6	3.3	0.0
-67.5°	39.2	28.4	19.1	11.8	6.9	3.0	0.0
-70°	34.8	24.8	16.6	10.2	6.2	2.7	0.0
-72.5°	29.8	21.1	14.0	8.9	5.5	2.4	0.0
-75°	24.4	17.2	11.3	7.7	4.7	2.1	0.0
-77.5°	18.9	13.1	9.3	6.5	4.0	1.7	0.0
-80°	13.2	10.1	7.5	5.2	3.2	1.4	0.0
-82.5°	9.7	7.6	5.6	3.9	2.4	1.0	0.0
-85°	6.5	5.1	3.8	2.6	1.6	0.7	0.0
-87.5°	3.3	2.5	1.9	1.3	0.8	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)