

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: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-740-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28671.5 lumens
Efficiency: N/A
Efficacy: 150.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 290632.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 9153.2 lumens
Beam Efficiency: 31.9%

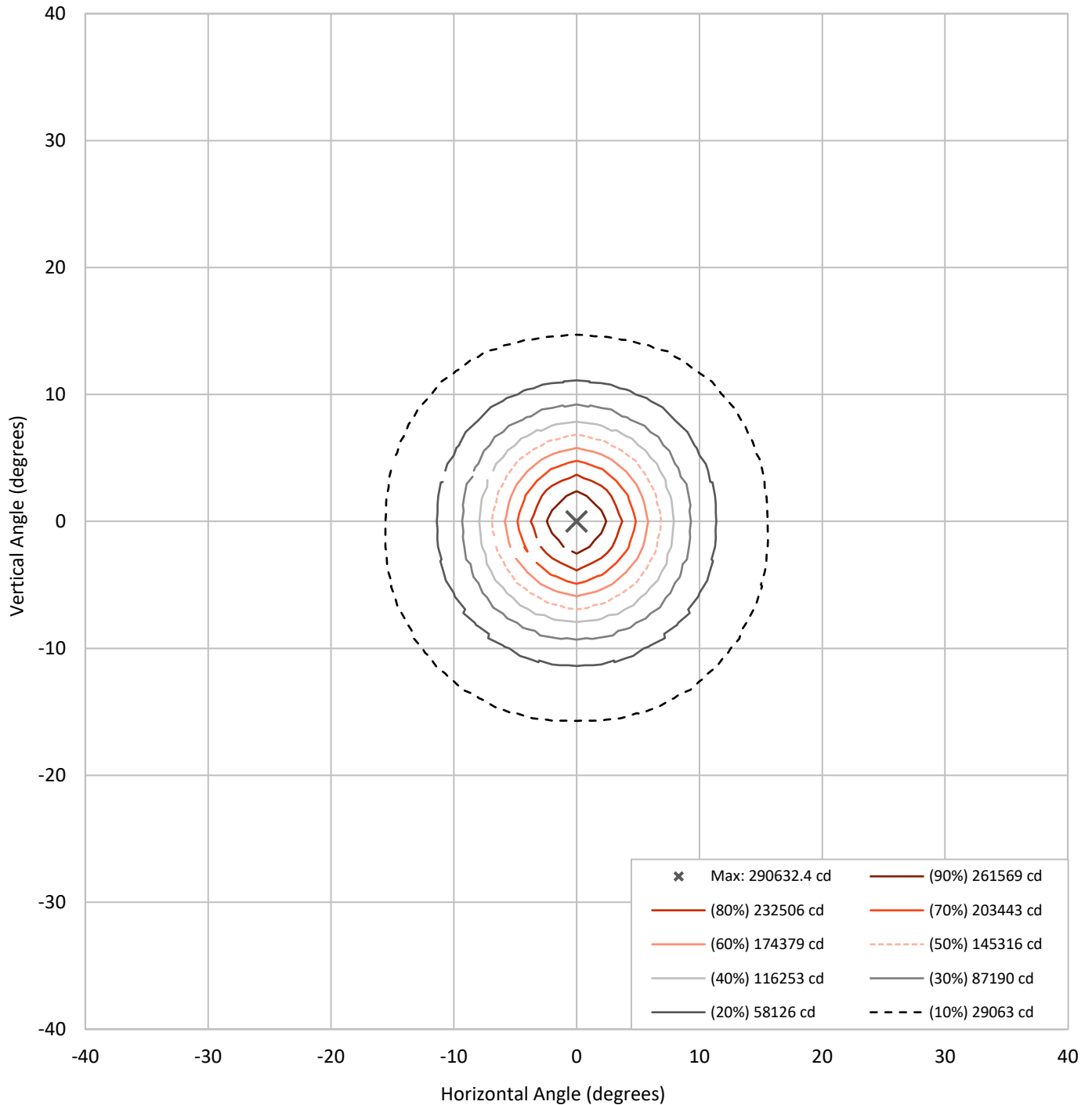
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 20387.2 lumens
Field Efficiency: 71.1%

Input Watts (W): 190.6
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: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





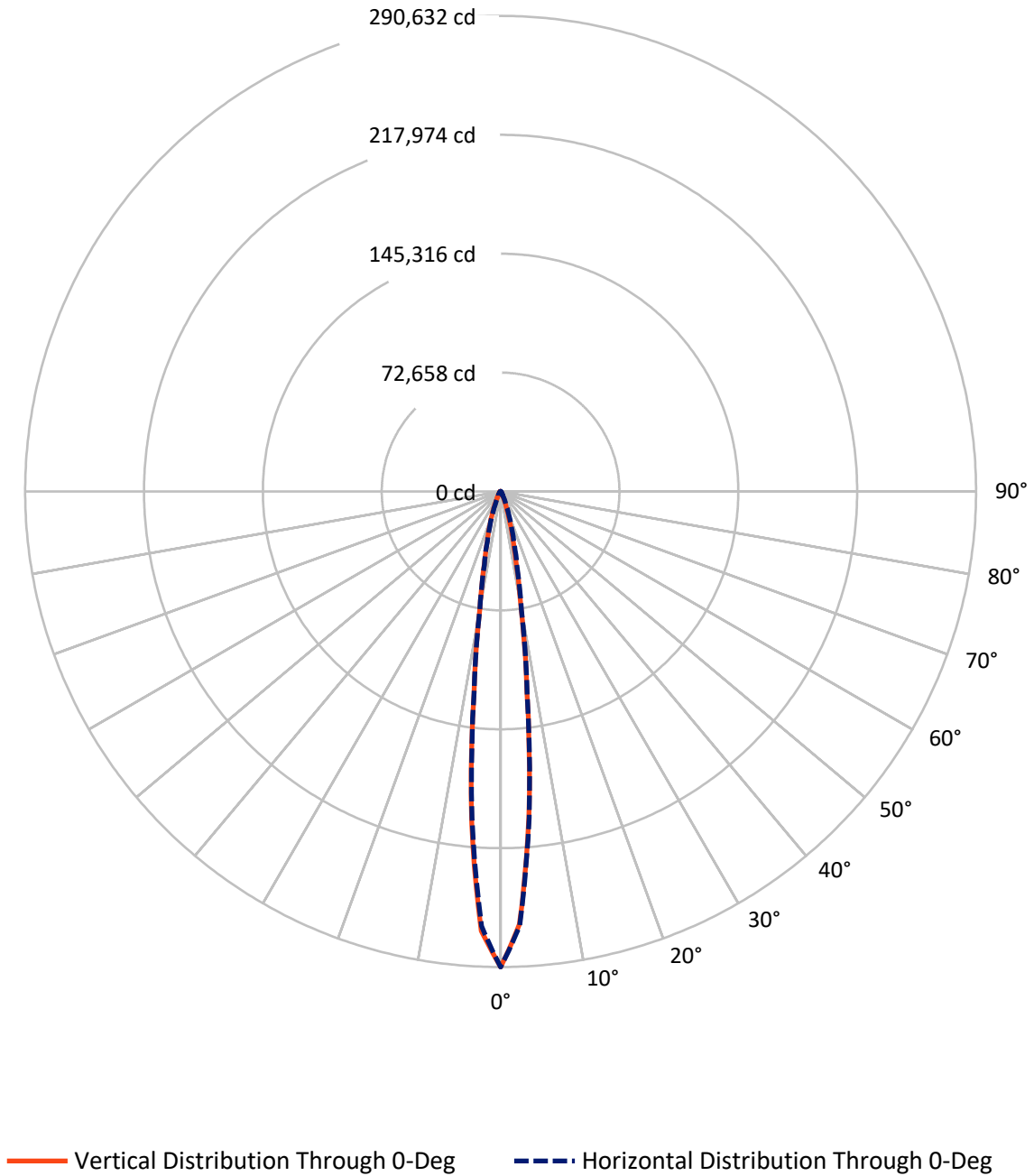
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Lumen Table

90	0.0															
80	0.0															
70	0.0															
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
50	0.1	0.1	0.2	0.7	1.6	2.5	3.4	4.1	4.1	3.4	2.5	1.6	0.7	0.2	0.1	0.1
40		0.2	0.9	2.5	4.7	6.9	9.7	11.4	11.4	9.7	6.9	4.7	2.5	0.9	0.2	
30	0.3	0.4	2.0	4.9	8.7	13.7	23.3	29.7	29.7	23.3	13.7	8.7	4.9	2.0	0.4	0.3
20		0.8	3.2	7.4	13.4	29.2	77.9	129.0	129.0	77.9	29.2	13.4	7.4	3.2	0.8	
10	0.4	1.2	4.4	10.2	22.2	87.2	367.5	807.9	807.9	367.5	87.2	22.2	10.2	4.4	1.2	0.4
0		1.5	5.3	12.0	30.1	163.7	880.7	3949.7	3949.7	880.7	163.7	30.1	12.0	5.3	1.5	
-10	0.5	1.8	5.8	12.6	32.4	174.4	911.6	4016.7	4016.7	911.6	174.4	32.4	12.6	5.8	1.8	0.5
-20		1.9	5.9	12.4	28.4	111.0	442.5	946.5	946.5	442.5	111.0	28.4	12.4	5.9	1.9	
-30	0.5	1.8	5.7	11.4	21.9	51.9	136.3	227.3	227.3	136.3	51.9	21.9	11.4	5.7	1.8	0.5
-40		1.6	5.1	10.1	17.2	28.5	46.4	58.9	58.9	46.4	28.5	17.2	10.1	5.1	1.6	
-50	0.3	1.3	4.1	8.4	13.9	19.9	26.7	29.8	29.8	26.7	19.9	13.9	8.4	4.1	1.3	0.3
-60		1.0	3.1	6.6	10.9	15.3	19.3	21.1	21.1	19.3	15.3	10.9	6.6	3.1	1.0	
-70	0.1	0.6	1.9	4.2	7.3	10.6	13.5	14.8	14.8	13.5	10.6	7.3	4.2	1.9	0.6	0.1
-80		1.7	7.2	15.8	20.1	15.8	7.2	1.7	0.1							
-90	0.0															

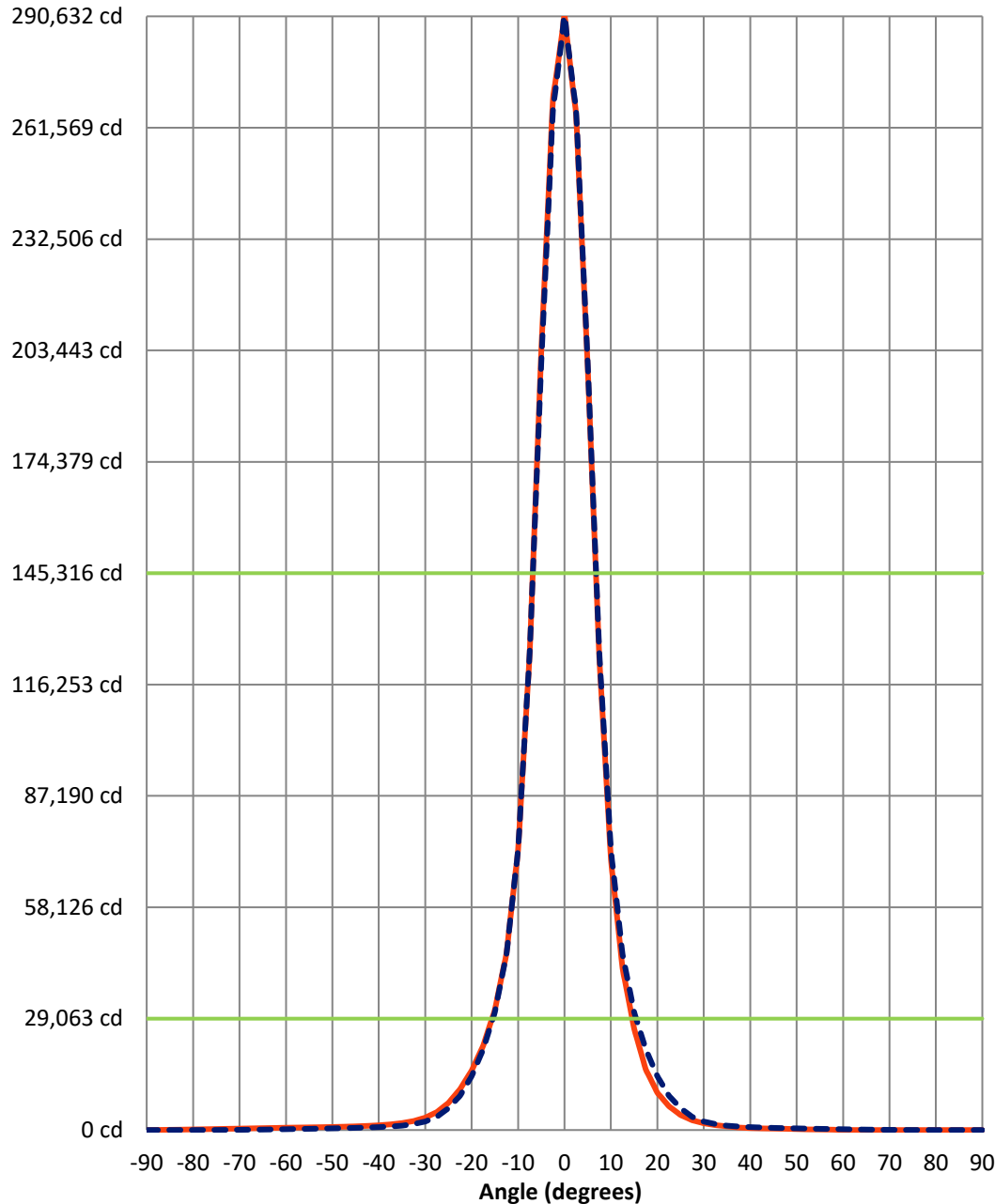
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 9153.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 20387.2
 Efficiency: 71.1%

Spill:
 Lumens: 8284.2
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.8	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.5	0.2
72.5°	0.0	1.0	0.2	0.0	0.7	0.9	0.3	0.4	1.3	1.4	0.6
70°	0.0	1.1	0.3	0.1	1.3	1.4	0.7	1.9	2.6	2.3	0.8
67.5°	0.0	1.3	0.4	0.7	1.9	1.9	2.2	3.5	4.0	2.5	1.0
65°	0.0	1.4	0.5	1.3	2.5	2.6	3.6	5.2	4.2	2.7	1.9
62.5°	0.0	1.6	0.6	2.0	3.2	3.5	4.9	5.8	4.4	3.2	3.9
60°	0.0	1.8	0.8	2.6	3.9	4.3	6.1	6.0	4.7	4.5	5.7
57.5°	0.0	1.9	1.4	3.3	4.4	5.1	6.2	6.2	5.2	5.5	6.2
55°	0.0	2.1	1.9	3.9	4.8	5.7	6.2	6.2	5.7	6.2	6.2
52.5°	0.0	2.3	2.3	4.6	5.1	6.2	6.2	6.2	6.1	6.2	6.2
50°	0.0	2.5	2.8	5.3	5.5	6.2	6.2	6.2	6.2	6.2	7.2
47.5°	0.0	2.6	3.2	5.9	5.7	6.2	6.2	6.2	6.2	6.2	8.5
45°	0.0	2.8	3.6	6.0	6.0	6.2	6.2	6.2	6.4	7.7	10.1
42.5°	0.0	3.0	4.0	6.2	6.1	6.2	6.2	6.4	6.8	9.4	13.6
40°	0.0	3.2	4.3	6.2	6.2	6.2	6.2	6.9	7.9	11.3	17.5
37.5°	0.0	3.4	4.6	6.2	6.2	6.2	6.2	7.5	10.0	14.2	21.6
35°	0.0	3.6	4.9	6.2	6.2	6.2	6.2	8.2	12.3	18.1	26.5
32.5°	0.0	3.8	5.2	6.2	6.2	6.2	6.4	9.1	14.6	21.9	32.9
30°	0.0	4.0	5.4	6.2	6.2	6.2	7.0	10.3	17.1	25.5	39.8
27.5°	0.0	4.2	5.6	6.2	6.2	6.2	7.7	12.2	19.8	29.0	47.3
25°	0.0	4.4	5.7	6.2	6.2	6.2	8.4	14.2	22.7	34.1	55.2
22.5°	0.0	4.6	5.8	6.2	6.2	6.3	9.2	16.2	25.5	40.3	64.6
20°	0.0	4.8	5.9	6.2	6.2	6.8	10.0	18.1	28.2	46.6	73.3
17.5°	0.0	5.0	6.0	6.2	6.2	7.3	11.1	20.1	30.6	52.9	81.2
15°	0.0	5.2	6.1	6.2	6.2	7.9	12.3	22.0	32.9	59.1	88.4
12.5°	0.0	5.4	6.1	6.2	6.2	8.6	13.5	23.9	36.1	65.2	94.8
10°	0.0	5.6	6.2	6.2	6.2	9.3	14.6	25.6	40.0	70.8	100.5
7.5°	0.0	5.7	6.2	6.2	6.2	10.1	15.7	27.1	44.1	75.7	105.5
5°	0.0	5.9	6.2	6.2	6.2	10.9	16.7	28.5	48.0	79.8	109.9
2.5°	0.0	6.1	6.2	6.2	6.2	11.6	17.6	29.7	51.9	83.3	113.7
0°	0.0	6.2	6.2	6.2	6.2	12.3	18.5	30.8	55.4	86.1	116.9
-2.5°	0.0	6.2	6.2	6.2	6.7	13.0	20.1	32.7	58.5	88.4	120.9
-5°	0.0	6.2	6.2	6.2	7.3	13.6	21.6	34.3	61.2	90.2	124.1
-7.5°	0.0	6.1	6.2	6.2	7.8	14.1	23.0	35.8	63.4	91.5	126.5
-10°	0.0	6.1	6.2	6.2	8.2	14.6	24.2	37.2	65.0	92.5	128.0
-12.5°	0.0	6.1	6.2	6.2	8.6	15.0	25.2	38.3	66.0	93.4	130.4
-15°	0.0	6.0	6.2	6.2	8.9	15.3	26.0	39.3	66.3	95.3	132.7
-17.5°	0.0	5.9	6.2	6.2	9.2	15.6	26.5	40.2	65.8	96.3	133.7
-20°	0.0	5.8	6.2	6.2	9.4	15.8	26.8	41.0	64.9	96.2	133.5

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Scaled Data Report



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-NR-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	5.7	6.2	6.2	9.5	15.9	27.2	41.5	63.4	95.2	131.9
-25°	0.0	5.6	6.2	6.2	9.4	16.3	27.3	41.7	61.5	92.9	129.0
-27.5°	0.0	5.5	6.2	6.2	9.3	16.7	27.3	41.6	59.0	89.8	126.3
-30°	0.0	5.4	6.2	6.2	9.1	17.0	27.2	41.1	57.7	86.5	122.1
-32.5°	0.0	5.2	6.2	6.2	9.0	17.1	26.9	40.6	57.0	82.6	116.3
-35°	0.0	5.1	6.2	6.2	8.9	17.1	26.8	40.1	55.9	78.2	108.9
-37.5°	0.0	4.9	6.2	6.2	8.7	16.9	26.7	39.3	54.3	73.3	104.7
-40°	0.0	4.7	6.2	6.2	8.4	16.6	26.4	38.4	52.2	70.2	100.8
-42.5°	0.0	4.6	6.2	6.3	8.3	16.1	25.8	37.3	50.5	68.8	96.0
-45°	0.0	4.4	6.2	6.4	8.6	15.5	25.0	36.2	49.1	66.7	90.8
-47.5°	0.0	4.2	6.2	6.5	8.7	14.6	24.0	34.9	47.4	63.8	87.3
-50°	0.0	4.0	6.2	6.6	8.8	13.7	22.8	33.4	45.6	61.4	82.8
-52.5°	0.0	3.8	6.2	6.7	8.8	12.6	21.3	31.6	43.3	58.0	77.4
-55°	0.0	3.6	6.2	6.7	8.7	12.2	19.7	29.5	40.7	53.7	71.8
-57.5°	0.0	3.3	6.2	6.7	8.6	11.9	17.9	27.2	37.8	49.8	65.1
-60°	0.0	3.1	6.2	6.7	8.4	11.5	16.0	24.6	34.5	45.8	58.3
-62.5°	0.0	2.9	5.7	6.6	8.2	11.1	15.2	21.7	31.0	41.4	53.0
-65°	0.0	2.6	5.2	6.5	7.9	10.5	14.2	19.1	27.1	36.7	47.3
-67.5°	0.0	2.4	4.7	6.4	7.6	9.8	13.1	17.5	23.0	31.7	41.3
-70°	0.0	2.1	4.2	6.2	7.2	9.1	11.9	15.8	20.6	26.3	34.9
-72.5°	0.0	1.9	3.7	5.6	6.7	8.3	10.7	13.9	18.0	22.9	28.6
-75°	0.0	1.6	3.2	4.8	6.3	7.4	9.3	12.2	15.3	19.4	24.1
-77.5°	0.0	1.3	2.7	4.0	5.3	6.5	7.9	10.5	13.3	16.0	19.4
-80°	0.0	1.1	2.2	3.2	4.3	5.3	6.4	8.8	11.3	13.8	16.3
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	6.9	9.3	11.6	13.8
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	4.6	6.3	8.2	10.3
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	2.3	3.2	4.1	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-NR-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	0.0	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	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.8	2.1	1.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.0	4.0	3.1	1.6	0.1	1.5	2.1	1.7	0.2	0.0	0.0
62.5°	5.7	4.9	3.4	2.6	3.5	4.7	3.7	2.1	0.6	3.0	4.3
60°	6.2	5.2	4.4	4.9	6.3	5.6	4.1	6.0	9.0	11.3	13.7
57.5°	6.2	5.7	5.6	6.7	7.0	7.0	10.8	14.5	20.5	25.4	28.8
55°	6.4	6.1	7.0	8.4	10.4	14.7	20.1	28.4	35.0	45.1	53.7
52.5°	7.0	7.0	9.4	12.6	18.7	25.4	35.0	46.6	59.7	69.6	80.0
50°	8.0	10.3	13.1	21.1	29.4	40.0	55.7	72.6	83.7	94.8	109.8
47.5°	11.0	13.9	21.7	30.9	42.8	59.8	81.4	93.6	104.5	122.0	140.7
45°	14.8	21.0	30.5	43.2	59.7	83.4	100.4	110.4	129.4	149.6	170.9
42.5°	18.8	28.9	41.8	55.3	81.1	103.7	119.1	135.0	154.1	177.8	200.9
40°	25.6	36.8	54.3	75.4	101.7	123.8	143.1	161.3	180.1	211.1	235.6
37.5°	32.4	48.7	68.5	94.7	122.1	146.2	167.8	190.6	217.5	252.4	274.4
35°	39.1	61.0	85.3	113.2	142.3	169.6	195.5	222.2	257.0	290.0	316.4
32.5°	48.4	73.7	101.0	131.1	161.1	192.0	223.4	255.4	289.7	323.4	358.0
30°	60.1	87.2	115.9	148.3	178.4	214.2	250.6	284.4	318.9	354.4	393.5
27.5°	71.8	99.8	130.9	163.6	195.2	235.9	275.2	310.5	345.9	384.2	428.7
25°	82.7	112.5	145.0	177.2	214.3	258.0	301.0	341.8	371.9	415.4	467.5
22.5°	93.1	124.9	159.8	189.5	232.8	280.3	330.3	374.3	409.8	448.7	507.8
20°	103.5	137.7	173.7	207.0	251.3	302.4	361.8	407.1	451.2	501.3	561.7
17.5°	113.3	149.6	187.4	226.9	273.7	326.6	394.0	440.2	492.8	552.9	628.9
15°	122.7	160.6	201.2	245.5	293.9	350.8	415.9	473.4	536.4	605.8	695.6
12.5°	131.3	170.7	214.8	262.7	311.6	371.7	434.2	495.4	567.9	658.6	771.6
10°	139.3	179.8	227.9	278.5	327.1	389.4	450.4	514.1	590.6	690.2	819.6
7.5°	146.0	189.0	240.4	292.7	340.4	403.9	464.3	529.5	609.5	716.3	851.8
5°	151.6	198.7	252.0	302.0	351.6	416.4	476.0	541.7	624.6	736.7	874.8
2.5°	156.2	207.5	262.1	308.7	361.1	427.8	485.3	555.2	640.0	752.5	896.5
0°	159.9	215.3	270.7	313.7	369.1	436.8	492.1	566.0	652.1	762.8	916.6
-2.5°	167.4	221.7	275.8	319.5	377.6	438.3	496.6	567.5	656.7	770.8	920.3
-5°	173.7	226.9	279.5	324.0	383.9	438.1	498.5	566.2	658.2	775.4	927.0
-7.5°	178.5	230.8	282.0	327.5	387.3	440.1	501.2	570.6	663.0	779.6	935.8
-10°	181.6	233.7	284.1	331.9	388.2	442.2	502.3	571.5	662.2	776.9	931.0
-12.5°	183.2	235.4	285.0	334.3	388.0	442.0	500.9	568.9	655.4	767.1	911.9
-15°	183.8	236.0	284.9	334.5	387.0	439.4	497.0	562.4	643.2	750.7	882.1
-17.5°	183.2	235.7	283.7	332.5	385.7	434.3	490.8	553.7	630.9	731.3	857.9
-20°	181.6	234.4	281.6	328.0	383.6	429.6	484.7	545.5	618.0	709.0	822.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	179.1	232.2	278.5	323.6	376.8	425.3	476.7	534.7	599.7	681.9	782.5
-25°	176.1	227.9	274.7	320.1	369.0	418.6	466.6	521.7	581.5	660.5	751.0
-27.5°	172.2	222.6	269.3	315.3	360.8	409.6	456.5	508.5	567.7	637.5	718.4
-30°	166.5	215.1	261.8	308.7	353.6	399.5	444.8	494.4	550.1	615.9	690.6
-32.5°	159.3	206.8	252.5	298.8	345.5	389.3	431.9	479.6	531.9	589.6	660.6
-35°	152.0	197.7	242.3	286.5	335.7	377.9	419.0	462.7	511.4	565.0	622.9
-37.5°	145.2	188.0	231.6	273.2	319.8	363.8	403.8	445.3	490.3	539.5	592.1
-40°	137.8	177.7	220.2	260.8	301.7	346.5	386.5	426.5	468.1	517.5	564.2
-42.5°	130.2	168.9	208.3	248.1	287.1	327.2	367.1	405.5	449.4	496.1	542.0
-45°	123.8	159.8	196.3	235.0	273.5	309.7	347.1	383.0	427.6	474.3	519.1
-47.5°	116.4	150.5	185.8	220.9	258.7	294.9	328.4	364.8	402.7	446.8	493.8
-50°	108.6	140.9	173.6	206.6	242.4	278.6	312.7	346.3	382.0	418.2	458.9
-52.5°	102.0	130.3	160.5	190.9	224.7	260.1	294.5	328.1	361.1	395.1	429.8
-55°	94.3	120.1	146.8	175.2	204.9	238.8	273.0	305.8	339.3	371.2	405.1
-57.5°	85.6	108.8	133.2	159.8	186.8	214.6	247.7	280.3	311.9	344.1	379.1
-60°	75.9	96.6	118.7	143.2	169.5	195.0	221.9	252.1	282.6	313.0	345.4
-62.5°	65.8	83.8	103.7	125.1	149.2	174.2	198.8	224.6	252.0	278.5	306.5
-65°	59.0	71.7	88.5	107.5	127.3	149.7	172.9	196.7	220.8	243.3	264.9
-67.5°	51.8	63.3	75.6	89.7	107.7	126.5	145.1	166.3	188.0	208.7	228.9
-70°	44.2	54.4	65.3	77.0	89.8	105.2	122.6	139.6	156.2	173.6	192.3
-72.5°	36.2	45.1	54.6	64.7	75.6	87.8	101.2	115.7	130.5	144.8	159.4
-75°	29.8	35.6	43.4	51.9	61.3	70.9	80.6	92.1	104.6	117.2	129.5
-77.5°	24.5	29.9	35.2	40.5	47.2	55.9	64.6	73.1	81.8	91.3	101.4
-80°	19.9	24.1	29.0	33.8	38.4	43.7	49.7	56.4	62.5	68.9	75.8
-82.5°	16.6	19.8	23.3	27.1	29.8	32.6	35.7	39.6	43.7	48.0	52.4
-85°	12.7	15.3	17.7	20.2	21.5	22.9	24.4	26.1	28.7	31.3	33.8
-87.5°	6.4	7.7	9.1	10.6	11.3	11.9	12.5	13.1	14.7	16.5	18.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-NR-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°	0.0	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	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.1	1.5	1.3	0.6	0.0	0.0
62.5°	3.6	3.0	4.8	6.4	7.0	6.8	6.3	5.6	4.8	4.5	5.1
60°	14.8	14.5	20.2	22.9	20.9	14.7	23.2	27.4	26.3	22.6	22.4
57.5°	36.1	43.9	49.5	51.9	60.1	73.3	75.8	71.5	69.9	71.3	82.4
55°	62.6	68.8	72.1	83.2	93.1	100.3	104.6	108.9	115.1	122.8	130.8
52.5°	88.5	97.1	103.7	113.7	125.5	129.7	128.5	143.8	155.7	163.3	166.4
50°	121.5	132.3	147.5	163.2	170.0	176.7	183.6	196.1	214.3	237.0	250.0
47.5°	157.1	174.1	190.1	208.0	217.0	224.1	234.5	256.3	282.2	306.6	319.3
45°	189.2	204.2	222.6	238.1	249.2	262.8	278.0	297.6	326.6	352.1	369.7
42.5°	214.9	231.9	250.8	269.5	280.8	299.2	322.1	348.9	379.3	405.8	425.4
40°	251.0	265.4	295.5	313.2	317.7	334.8	380.8	417.4	451.8	484.4	500.7
37.5°	294.6	322.7	353.9	370.0	385.9	416.1	477.7	536.8	580.5	624.7	648.9
35°	344.2	381.0	423.6	442.6	476.6	542.5	614.9	697.0	799.3	842.2	881.2
32.5°	392.3	433.5	472.8	515.6	575.0	653.7	735.3	868.5	992.9	1089.2	1159.6
30°	435.0	478.7	527.5	582.5	666.2	774.7	910.9	1083.2	1258.6	1411.7	1541.2
27.5°	477.2	527.0	585.0	666.9	784.8	932.2	1149.4	1395.4	1688.2	1903.9	2161.4
25°	523.5	580.4	654.8	773.7	932.7	1153.0	1500.4	1899.8	2379.8	2769.1	3176.4
22.5°	578.2	662.3	756.5	889.1	1166.9	1529.9	2004.5	2687.1	3425.6	4108.4	4765.9
20°	644.4	759.2	910.6	1154.6	1511.3	2047.9	2872.6	3962.0	5048.0	6204.6	7318.0
17.5°	738.8	904.3	1139.5	1486.8	1956.9	3018.3	4356.4	6041.3	8206.0	10167.7	11880.4
15°	827.3	1025.1	1396.5	1915.7	2735.6	4142.4	6174.7	8955.7	12329.3	15403.9	18651.2
12.5°	920.3	1153.8	1580.4	2241.5	3380.7	5212.1	8068.2	11878.8	16103.0	20736.8	26014.9
10°	993.9	1277.5	1788.2	2626.4	4030.7	6311.3	9713.3	14334.6	19948.2	26805.8	35243.1
7.5°	1043.6	1376.6	1959.9	2908.1	4629.1	7435.4	11530.9	17085.5	24103.3	33188.2	44994.4
5°	1082.5	1452.2	2088.9	3165.1	5135.3	8293.6	12877.5	19494.4	27796.1	39968.4	59976.4
2.5°	1113.7	1510.1	2168.7	3342.0	5453.0	8891.1	13780.9	20857.2	29994.3	44981.1	70938.7
0°	1138.1	1562.5	2220.8	3451.1	5696.5	8950.8	14062.9	21106.6	30783.3	45885.8	73297.9
-2.5°	1148.5	1590.6	2238.7	3475.0	5672.2	9053.3	14148.9	21305.8	30753.6	45390.0	70663.0
-5°	1165.8	1590.1	2225.2	3450.6	5545.0	8788.1	13587.0	20191.0	28898.3	41486.2	62191.9
-7.5°	1178.2	1564.8	2160.8	3294.3	5212.1	8214.8	12599.6	18344.0	25521.5	35079.2	47902.9
-10°	1166.8	1516.1	2053.4	3032.0	4694.5	7295.0	11098.2	15905.7	21870.9	28954.0	37666.7
-12.5°	1122.9	1426.2	1878.1	2664.6	4024.3	6264.7	9587.7	13680.9	18096.0	23070.5	29091.1
-15°	1067.4	1329.4	1720.2	2412.6	3527.4	5243.5	7669.5	10990.1	14531.8	18308.7	22336.3
-17.5°	1024.2	1244.3	1567.9	2069.2	2889.1	4253.7	6160.1	8519.0	11121.7	13997.3	16383.9
-20°	965.6	1139.6	1411.3	1820.6	2446.2	3350.2	4738.7	6452.5	8170.0	10191.8	11840.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	907.0	1058.6	1265.3	1564.8	2030.3	2713.3	3571.2	4715.5	5971.5	7131.9	8274.3
-25°	852.6	969.4	1136.6	1382.3	1698.1	2164.2	2774.8	3431.2	4259.1	4965.5	5749.4
-27.5°	808.6	908.8	1032.2	1212.4	1457.4	1757.2	2194.5	2634.3	3069.7	3426.2	3965.9
-30°	766.0	846.8	949.9	1078.4	1262.1	1493.1	1777.0	2062.3	2313.5	2542.7	2823.8
-32.5°	724.3	790.0	869.1	975.7	1107.5	1281.2	1455.7	1660.1	1834.7	1995.9	2145.1
-35°	682.4	740.9	801.2	891.1	996.2	1119.5	1246.4	1384.9	1505.8	1614.4	1710.4
-37.5°	644.6	696.0	752.7	819.6	904.3	997.2	1100.8	1201.4	1281.3	1351.7	1409.9
-40°	612.7	659.5	708.0	761.5	826.0	899.3	987.2	1071.1	1127.1	1170.1	1205.4
-42.5°	584.2	625.4	666.7	712.2	761.7	825.1	894.5	963.8	1001.7	1035.0	1060.6
-45°	561.4	592.9	627.7	666.6	710.4	763.5	818.1	866.0	899.7	928.3	949.6
-47.5°	531.2	561.6	591.7	623.8	664.6	708.9	754.0	790.8	820.3	845.2	861.5
-50°	497.8	529.9	557.5	585.6	623.2	660.8	697.0	727.5	755.6	780.1	792.9
-52.5°	463.4	497.7	526.7	554.2	585.8	618.5	651.3	677.3	701.9	724.9	734.7
-55°	438.6	470.2	500.1	526.0	552.0	578.2	605.0	632.0	656.3	678.2	684.7
-57.5°	411.8	444.0	473.6	496.8	520.3	544.0	568.4	592.8	616.3	637.3	642.6
-60°	379.1	414.0	440.3	462.2	485.0	508.4	529.7	551.4	573.3	591.6	597.5
-62.5°	337.5	369.4	395.3	418.4	440.4	460.7	481.5	501.8	521.4	535.9	540.6
-65°	287.7	314.7	341.5	365.7	387.4	407.0	426.1	444.6	462.5	475.2	481.5
-67.5°	248.4	267.8	289.3	310.1	332.0	352.2	369.4	385.7	401.0	411.8	418.6
-70°	210.5	229.0	249.1	269.0	288.0	304.4	318.1	331.6	344.6	354.2	361.4
-72.5°	174.2	189.9	206.7	224.2	241.6	256.4	269.0	281.0	292.3	300.5	307.1
-75°	141.5	154.4	168.6	182.7	196.8	208.6	219.1	229.5	239.5	246.7	252.8
-77.5°	112.2	123.2	134.3	145.4	156.5	165.0	172.8	180.4	187.8	193.5	198.7
-80°	83.2	91.8	100.6	109.5	118.3	124.8	130.6	136.2	141.4	144.8	147.8
-82.5°	56.9	62.9	69.1	75.3	81.6	86.4	91.0	95.6	100.0	101.6	102.8
-85°	36.3	39.3	42.5	46.0	49.5	52.2	54.7	57.1	59.4	61.5	63.5
-87.5°	20.1	20.7	21.3	21.8	22.3	24.1	26.0	27.9	29.7	30.1	30.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-NR-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	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3
62.5°	5.6	5.9	6.1	6.2	6.1	5.9	5.6	5.1	4.5	4.8	5.6
60°	21.1	18.8	18.3	18.5	18.3	18.8	21.1	22.4	22.6	26.3	27.4
57.5°	93.6	104.0	107.0	104.6	107.0	104.0	93.6	82.4	71.3	69.9	71.5
55°	136.2	139.5	141.0	141.5	141.0	139.5	136.2	130.8	122.8	115.1	108.9
52.5°	167.0	165.9	165.7	166.1	165.7	165.9	167.0	166.4	163.3	155.7	143.8
50°	251.0	246.4	244.6	246.1	244.6	246.4	251.0	250.0	237.0	214.3	196.1
47.5°	320.8	322.2	324.4	326.0	324.4	322.2	320.8	319.3	306.6	282.2	256.3
45°	374.7	378.0	380.2	381.4	380.2	378.0	374.7	369.7	352.1	326.6	297.6
42.5°	429.7	430.1	429.4	430.6	429.4	430.1	429.7	425.4	405.8	379.3	348.9
40°	507.3	508.9	507.2	504.4	507.2	508.9	507.3	500.7	484.4	451.8	417.4
37.5°	662.9	665.2	657.9	652.1	657.9	665.2	662.9	648.9	624.7	580.5	536.8
35°	916.8	943.1	955.6	959.7	955.6	943.1	916.8	881.2	842.2	799.3	697.0
32.5°	1208.3	1244.9	1263.3	1279.6	1263.3	1244.9	1208.3	1159.6	1089.2	992.9	868.5
30°	1626.1	1693.6	1723.3	1765.5	1723.3	1693.6	1626.1	1541.2	1411.7	1258.6	1083.2
27.5°	2307.6	2426.3	2492.0	2553.0	2492.0	2426.3	2307.6	2161.4	1903.9	1688.2	1395.4
25°	3472.4	3700.9	3848.8	3918.7	3848.8	3700.9	3472.4	3176.4	2769.1	2379.8	1899.8
22.5°	5402.0	5823.3	6148.2	6213.2	6148.2	5823.3	5402.0	4765.9	4108.4	3425.6	2687.1
20°	8398.2	9001.0	9491.3	9738.2	9491.3	9001.0	8398.2	7318.0	6204.6	5048.0	3962.0
17.5°	13920.3	15174.0	15746.7	15840.7	15746.7	15174.0	13920.3	11880.4	10167.7	8206.0	6041.3
15°	22135.6	24257.0	25603.7	26470.9	25603.7	24257.0	22135.6	18651.2	15403.9	12329.3	8955.7
12.5°	31509.1	37537.0	40967.0	42274.7	40967.0	37537.0	31509.1	26014.9	20736.8	16103.0	11878.8
10°	44230.9	58421.5	66607.3	70726.5	66607.3	58421.5	44230.9	35243.1	26805.8	19948.2	14334.6
7.5°	65822.8	87740.5	112024.4	123259.2	112024.4	87740.5	65822.8	44994.4	33188.2	24103.3	17085.5
5°	88521.0	136643.5	178880.9	199107.0	178880.9	136643.5	88521.0	59976.4	39968.4	27796.1	19494.4
2.5°	114609.1	179506.8	239509.9	264739.8	239509.9	179506.8	114609.1	70938.7	44981.1	29994.3	20857.2
0°	124649.5	200245.0	265868.6	290632.4	265868.6	200245.0	124649.5	73297.9	45885.8	30783.3	21106.6
-2.5°	116161.3	182650.8	240540.8	268836.8	240540.8	182650.8	116161.3	70663.0	45390.0	30753.6	21305.8
-5°	92296.1	137396.5	180269.7	203327.1	180269.7	137396.5	92296.1	62191.9	41486.2	28898.3	20191.0
-7.5°	67739.6	92291.8	116102.0	124428.0	116102.0	92291.8	67739.6	47902.9	35079.2	25521.5	18344.0
-10°	47161.7	61221.1	70501.9	73150.2	70501.9	61221.1	47161.7	37666.7	28954.0	21870.9	15905.7
-12.5°	34965.7	41115.2	45394.0	46138.0	45394.0	41115.2	34965.7	29091.1	23070.5	18096.0	13680.9
-15°	25891.2	29018.4	31225.2	31373.8	31225.2	29018.4	25891.2	22336.3	18308.7	14531.8	10990.1
-17.5°	18926.5	21025.7	22139.4	22060.1	22139.4	21025.7	18926.5	16383.9	13997.3	11121.7	8519.0
-20°	13533.6	14798.9	15696.3	15520.8	15696.3	14798.9	13533.6	11840.5	10191.8	8170.0	6452.5



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9436.6	10276.6	10802.4	10667.1	10802.4	10276.6	9436.6	8274.3	7131.9	5971.5	4715.5
-25°	6412.0	6869.6	7130.1	7086.8	7130.1	6869.6	6412.0	5749.4	4965.5	4259.1	3431.2
-27.5°	4369.4	4611.2	4691.9	4687.6	4691.9	4611.2	4369.4	3965.9	3426.2	3069.7	2634.3
-30°	3032.8	3195.2	3288.1	3229.7	3288.1	3195.2	3032.8	2823.8	2542.7	2313.5	2062.3
-32.5°	2260.4	2352.0	2405.0	2350.0	2405.0	2352.0	2260.4	2145.1	1995.9	1834.7	1660.1
-35°	1781.4	1827.7	1846.4	1814.8	1846.4	1827.7	1781.4	1710.4	1614.4	1505.8	1384.9
-37.5°	1452.3	1479.5	1488.7	1470.3	1488.7	1479.5	1452.3	1409.9	1351.7	1281.3	1201.4
-40°	1230.6	1247.3	1251.4	1236.5	1251.4	1247.3	1230.6	1205.4	1170.1	1127.1	1071.1
-42.5°	1076.7	1086.7	1089.0	1082.7	1089.0	1086.7	1076.7	1060.6	1035.0	1001.7	963.8
-45°	962.3	970.8	972.4	965.8	972.4	970.8	962.3	949.6	928.3	899.7	866.0
-47.5°	869.6	874.9	876.2	873.5	876.2	874.9	869.6	861.5	845.2	820.3	790.8
-50°	798.7	802.3	802.7	799.7	802.7	802.3	798.7	792.9	780.1	755.6	727.5
-52.5°	739.3	741.8	743.6	744.4	743.6	741.8	739.3	734.7	724.9	701.9	677.3
-55°	689.2	692.5	694.4	695.1	694.4	692.5	689.2	684.7	678.2	656.3	632.0
-57.5°	646.7	649.7	651.5	652.1	651.5	649.7	646.7	642.6	637.3	616.3	592.8
-60°	602.3	605.9	608.2	609.0	608.2	605.9	602.3	597.5	591.6	573.3	551.4
-62.5°	543.8	545.4	546.9	547.5	546.9	545.4	543.8	540.6	535.9	521.4	501.8
-65°	486.3	489.6	491.5	492.1	491.5	489.6	486.3	481.5	475.2	462.5	444.6
-67.5°	424.1	428.3	432.9	436.8	432.9	428.3	424.1	418.6	411.8	401.0	385.7
-70°	367.7	373.1	374.9	375.3	374.9	373.1	367.7	361.4	354.2	344.6	331.6
-72.5°	313.0	318.1	322.4	326.0	322.4	318.1	313.0	307.1	300.5	292.3	281.0
-75°	258.2	263.0	264.2	264.5	264.2	263.0	258.2	252.8	246.7	239.5	229.5
-77.5°	203.6	208.0	208.9	209.2	208.9	208.0	203.6	198.7	193.5	187.8	180.4
-80°	150.5	153.0	156.6	159.9	156.6	153.0	150.5	147.8	144.8	141.4	136.2
-82.5°	103.6	104.2	104.5	104.6	104.5	104.2	103.6	102.8	101.6	100.0	95.6
-85°	65.5	67.4	67.6	67.7	67.6	67.4	65.5	63.5	61.5	59.4	57.1
-87.5°	30.5	30.7	30.8	30.8	30.8	30.7	30.5	30.3	30.1	29.7	27.9
-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: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-NR-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	0.0	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	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65°	1.5	1.1	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.7
62.5°	6.3	6.8	7.0	6.4	4.8	3.0	3.6	4.3	3.0	0.6	2.1
60°	23.2	14.7	20.9	22.9	20.2	14.5	14.8	13.7	11.3	9.0	6.0
57.5°	75.8	73.3	60.1	51.9	49.5	43.9	36.1	28.8	25.4	20.5	14.5
55°	104.6	100.3	93.1	83.2	72.1	68.8	62.6	53.7	45.1	35.0	28.4
52.5°	128.5	129.7	125.5	113.7	103.7	97.1	88.5	80.0	69.6	59.7	46.6
50°	183.6	176.7	170.0	163.2	147.5	132.3	121.5	109.8	94.8	83.7	72.6
47.5°	234.5	224.1	217.0	208.0	190.1	174.1	157.1	140.7	122.0	104.5	93.6
45°	278.0	262.8	249.2	238.1	222.6	204.2	189.2	170.9	149.6	129.4	110.4
42.5°	322.1	299.2	280.8	269.5	250.8	231.9	214.9	200.9	177.8	154.1	135.0
40°	380.8	334.8	317.7	313.2	295.5	265.4	251.0	235.6	211.1	180.1	161.3
37.5°	477.7	416.1	385.9	370.0	353.9	322.7	294.6	274.4	252.4	217.5	190.6
35°	614.9	542.5	476.6	442.6	423.6	381.0	344.2	316.4	290.0	257.0	222.2
32.5°	735.3	653.7	575.0	515.6	472.8	433.5	392.3	358.0	323.4	289.7	255.4
30°	910.9	774.7	666.2	582.5	527.5	478.7	435.0	393.5	354.4	318.9	284.4
27.5°	1149.4	932.2	784.8	666.9	585.0	527.0	477.2	428.7	384.2	345.9	310.5
25°	1500.4	1153.0	932.7	773.7	654.8	580.4	523.5	467.5	415.4	371.9	341.8
22.5°	2004.5	1529.9	1166.9	889.1	756.5	662.3	578.2	507.8	448.7	409.8	374.3
20°	2872.6	2047.9	1511.3	1154.6	910.6	759.2	644.4	561.7	501.3	451.2	407.1
17.5°	4356.4	3018.3	1956.9	1486.8	1139.5	904.3	738.8	628.9	552.9	492.8	440.2
15°	6174.7	4142.4	2735.6	1915.7	1396.5	1025.1	827.3	695.6	605.8	536.4	473.4
12.5°	8068.2	5212.1	3380.7	2241.5	1580.4	1153.8	920.3	771.6	658.6	567.9	495.4
10°	9713.3	6311.3	4030.7	2626.4	1788.2	1277.5	993.9	819.6	690.2	590.6	514.1
7.5°	11530.9	7435.4	4629.1	2908.1	1959.9	1376.6	1043.6	851.8	716.3	609.5	529.5
5°	12877.5	8293.6	5135.3	3165.1	2088.9	1452.2	1082.5	874.8	736.7	624.6	541.7
2.5°	13780.9	8891.1	5453.0	3342.0	2168.7	1510.1	1113.7	896.5	752.5	640.0	555.2
0°	14062.9	8950.8	5696.5	3451.1	2220.8	1562.5	1138.1	916.6	762.8	652.1	566.0
-2.5°	14148.9	9053.3	5672.2	3475.0	2238.7	1590.6	1148.5	920.3	770.8	656.7	567.5
-5°	13587.0	8788.1	5545.0	3450.6	2225.2	1590.1	1165.8	927.0	775.4	658.2	566.2
-7.5°	12599.6	8214.8	5212.1	3294.3	2160.8	1564.8	1178.2	935.8	779.6	663.0	570.6
-10°	11098.2	7295.0	4694.5	3032.0	2053.4	1516.1	1166.8	931.0	776.9	662.2	571.5
-12.5°	9587.7	6264.7	4024.3	2664.6	1878.1	1426.2	1122.9	911.9	767.1	655.4	568.9
-15°	7669.5	5243.5	3527.4	2412.6	1720.2	1329.4	1067.4	882.1	750.7	643.2	562.4
-17.5°	6160.1	4253.7	2889.1	2069.2	1567.9	1244.3	1024.2	857.9	731.3	630.9	553.7
-20°	4738.7	3350.2	2446.2	1820.6	1411.3	1139.6	965.6	822.2	709.0	618.0	545.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3571.2	2713.3	2030.3	1564.8	1265.3	1058.6	907.0	782.5	681.9	599.7	534.7
-25°	2774.8	2164.2	1698.1	1382.3	1136.6	969.4	852.6	751.0	660.5	581.5	521.7
-27.5°	2194.5	1757.2	1457.4	1212.4	1032.2	908.8	808.6	718.4	637.5	567.7	508.5
-30°	1777.0	1493.1	1262.1	1078.4	949.9	846.8	766.0	690.6	615.9	550.1	494.4
-32.5°	1455.7	1281.2	1107.5	975.7	869.1	790.0	724.3	660.6	589.6	531.9	479.6
-35°	1246.4	1119.5	996.2	891.1	801.2	740.9	682.4	622.9	565.0	511.4	462.7
-37.5°	1100.8	997.2	904.3	819.6	752.7	696.0	644.6	592.1	539.5	490.3	445.3
-40°	987.2	899.3	826.0	761.5	708.0	659.5	612.7	564.2	517.5	468.1	426.5
-42.5°	894.5	825.1	761.7	712.2	666.7	625.4	584.2	542.0	496.1	449.4	405.5
-45°	818.1	763.5	710.4	666.6	627.7	592.9	561.4	519.1	474.3	427.6	383.0
-47.5°	754.0	708.9	664.6	623.8	591.7	561.6	531.2	493.8	446.8	402.7	364.8
-50°	697.0	660.8	623.2	585.6	557.5	529.9	497.8	458.9	418.2	382.0	346.3
-52.5°	651.3	618.5	585.8	554.2	526.7	497.7	463.4	429.8	395.1	361.1	328.1
-55°	605.0	578.2	552.0	526.0	500.1	470.2	438.6	405.1	371.2	339.3	305.8
-57.5°	568.4	544.0	520.3	496.8	473.6	444.0	411.8	379.1	344.1	311.9	280.3
-60°	529.7	508.4	485.0	462.2	440.3	414.0	379.1	345.4	313.0	282.6	252.1
-62.5°	481.5	460.7	440.4	418.4	395.3	369.4	337.5	306.5	278.5	252.0	224.6
-65°	426.1	407.0	387.4	365.7	341.5	314.7	287.7	264.9	243.3	220.8	196.7
-67.5°	369.4	352.2	332.0	310.1	289.3	267.8	248.4	228.9	208.7	188.0	166.3
-70°	318.1	304.4	288.0	269.0	249.1	229.0	210.5	192.3	173.6	156.2	139.6
-72.5°	269.0	256.4	241.6	224.2	206.7	189.9	174.2	159.4	144.8	130.5	115.7
-75°	219.1	208.6	196.8	182.7	168.6	154.4	141.5	129.5	117.2	104.6	92.1
-77.5°	172.8	165.0	156.5	145.4	134.3	123.2	112.2	101.4	91.3	81.8	73.1
-80°	130.6	124.8	118.3	109.5	100.6	91.8	83.2	75.8	68.9	62.5	56.4
-82.5°	91.0	86.4	81.6	75.3	69.1	62.9	56.9	52.4	48.0	43.7	39.6
-85°	54.7	52.2	49.5	46.0	42.5	39.3	36.3	33.8	31.3	28.7	26.1
-87.5°	26.0	24.1	22.3	21.8	21.3	20.7	20.1	18.3	16.5	14.7	13.1
-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: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-NR-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°	0.0	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	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	1.3	0.4
70°	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.8	2.3	2.6	1.9
67.5°	0.0	0.0	0.0	1.3	2.1	1.8	0.4	1.0	2.5	4.0	3.5
65°	2.1	1.5	0.1	1.6	3.1	4.0	3.0	1.9	2.7	4.2	5.2
62.5°	3.7	4.7	3.5	2.6	3.4	4.9	5.7	3.9	3.2	4.4	5.8
60°	4.1	5.6	6.3	4.9	4.4	5.2	6.2	5.7	4.5	4.7	6.0
57.5°	10.8	7.0	7.0	6.7	5.6	5.7	6.2	6.2	5.5	5.2	6.2
55°	20.1	14.7	10.4	8.4	7.0	6.1	6.4	6.2	6.2	5.7	6.2
52.5°	35.0	25.4	18.7	12.6	9.4	7.0	7.0	6.2	6.2	6.1	6.2
50°	55.7	40.0	29.4	21.1	13.1	10.3	8.0	7.2	6.2	6.2	6.2
47.5°	81.4	59.8	42.8	30.9	21.7	13.9	11.0	8.5	6.2	6.2	6.2
45°	100.4	83.4	59.7	43.2	30.5	21.0	14.8	10.1	7.7	6.4	6.2
42.5°	119.1	103.7	81.1	55.3	41.8	28.9	18.8	13.6	9.4	6.8	6.4
40°	143.1	123.8	101.7	75.4	54.3	36.8	25.6	17.5	11.3	7.9	6.9
37.5°	167.8	146.2	122.1	94.7	68.5	48.7	32.4	21.6	14.2	10.0	7.5
35°	195.5	169.6	142.3	113.2	85.3	61.0	39.1	26.5	18.1	12.3	8.2
32.5°	223.4	192.0	161.1	131.1	101.0	73.7	48.4	32.9	21.9	14.6	9.1
30°	250.6	214.2	178.4	148.3	115.9	87.2	60.1	39.8	25.5	17.1	10.3
27.5°	275.2	235.9	195.2	163.6	130.9	99.8	71.8	47.3	29.0	19.8	12.2
25°	301.0	258.0	214.3	177.2	145.0	112.5	82.7	55.2	34.1	22.7	14.2
22.5°	330.3	280.3	232.8	189.5	159.8	124.9	93.1	64.6	40.3	25.5	16.2
20°	361.8	302.4	251.3	207.0	173.7	137.7	103.5	73.3	46.6	28.2	18.1
17.5°	394.0	326.6	273.7	226.9	187.4	149.6	113.3	81.2	52.9	30.6	20.1
15°	415.9	350.8	293.9	245.5	201.2	160.6	122.7	88.4	59.1	32.9	22.0
12.5°	434.2	371.7	311.6	262.7	214.8	170.7	131.3	94.8	65.2	36.1	23.9
10°	450.4	389.4	327.1	278.5	227.9	179.8	139.3	100.5	70.8	40.0	25.6
7.5°	464.3	403.9	340.4	292.7	240.4	189.0	146.0	105.5	75.7	44.1	27.1
5°	476.0	416.4	351.6	302.0	252.0	198.7	151.6	109.9	79.8	48.0	28.5
2.5°	485.3	427.8	361.1	308.7	262.1	207.5	156.2	113.7	83.3	51.9	29.7
0°	492.1	436.8	369.1	313.7	270.7	215.3	159.9	116.9	86.1	55.4	30.8
-2.5°	496.6	438.3	377.6	319.5	275.8	221.7	167.4	120.9	88.4	58.5	32.7
-5°	498.5	438.1	383.9	324.0	279.5	226.9	173.7	124.1	90.2	61.2	34.3
-7.5°	501.2	440.1	387.3	327.5	282.0	230.8	178.5	126.5	91.5	63.4	35.8
-10°	502.3	442.2	388.2	331.9	284.1	233.7	181.6	128.0	92.5	65.0	37.2
-12.5°	500.9	442.0	388.0	334.3	285.0	235.4	183.2	130.4	93.4	66.0	38.3
-15°	497.0	439.4	387.0	334.5	284.9	236.0	183.8	132.7	95.3	66.3	39.3
-17.5°	490.8	434.3	385.7	332.5	283.7	235.7	183.2	133.7	96.3	65.8	40.2
-20°	484.7	429.6	383.6	328.0	281.6	234.4	181.6	133.5	96.2	64.9	41.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627828 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	476.7	425.3	376.8	323.6	278.5	232.2	179.1	131.9	95.2	63.4	41.5
-25°	466.6	418.6	369.0	320.1	274.7	227.9	176.1	129.0	92.9	61.5	41.7
-27.5°	456.5	409.6	360.8	315.3	269.3	222.6	172.2	126.3	89.8	59.0	41.6
-30°	444.8	399.5	353.6	308.7	261.8	215.1	166.5	122.1	86.5	57.7	41.1
-32.5°	431.9	389.3	345.5	298.8	252.5	206.8	159.3	116.3	82.6	57.0	40.6
-35°	419.0	377.9	335.7	286.5	242.3	197.7	152.0	108.9	78.2	55.9	40.1
-37.5°	403.8	363.8	319.8	273.2	231.6	188.0	145.2	104.7	73.3	54.3	39.3
-40°	386.5	346.5	301.7	260.8	220.2	177.7	137.8	100.8	70.2	52.2	38.4
-42.5°	367.1	327.2	287.1	248.1	208.3	168.9	130.2	96.0	68.8	50.5	37.3
-45°	347.1	309.7	273.5	235.0	196.3	159.8	123.8	90.8	66.7	49.1	36.2
-47.5°	328.4	294.9	258.7	220.9	185.8	150.5	116.4	87.3	63.8	47.4	34.9
-50°	312.7	278.6	242.4	206.6	173.6	140.9	108.6	82.8	61.4	45.6	33.4
-52.5°	294.5	260.1	224.7	190.9	160.5	130.3	102.0	77.4	58.0	43.3	31.6
-55°	273.0	238.8	204.9	175.2	146.8	120.1	94.3	71.8	53.7	40.7	29.5
-57.5°	247.7	214.6	186.8	159.8	133.2	108.8	85.6	65.1	49.8	37.8	27.2
-60°	221.9	195.0	169.5	143.2	118.7	96.6	75.9	58.3	45.8	34.5	24.6
-62.5°	198.8	174.2	149.2	125.1	103.7	83.8	65.8	53.0	41.4	31.0	21.7
-65°	172.9	149.7	127.3	107.5	88.5	71.7	59.0	47.3	36.7	27.1	19.1
-67.5°	145.1	126.5	107.7	89.7	75.6	63.3	51.8	41.3	31.7	23.0	17.5
-70°	122.6	105.2	89.8	77.0	65.3	54.4	44.2	34.9	26.3	20.6	15.8
-72.5°	101.2	87.8	75.6	64.7	54.6	45.1	36.2	28.6	22.9	18.0	13.9
-75°	80.6	70.9	61.3	51.9	43.4	35.6	29.8	24.1	19.4	15.3	12.2
-77.5°	64.6	55.9	47.2	40.5	35.2	29.9	24.5	19.4	16.0	13.3	10.5
-80°	49.7	43.7	38.4	33.8	29.0	24.1	19.9	16.3	13.8	11.3	8.8
-82.5°	35.7	32.6	29.8	27.1	23.3	19.8	16.6	13.8	11.6	9.3	6.9
-85°	24.4	22.9	21.5	20.2	17.7	15.3	12.7	10.3	8.2	6.3	4.6
-87.5°	12.5	11.9	11.3	10.6	9.1	7.7	6.4	5.2	4.1	3.2	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA6B-740-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.8	0.0
72.5°	0.3	0.9	0.7	0.0	0.2	1.0	0.0
70°	0.7	1.4	1.3	0.1	0.3	1.1	0.0
67.5°	2.2	1.9	1.9	0.7	0.4	1.3	0.0
65°	3.6	2.6	2.5	1.3	0.5	1.4	0.0
62.5°	4.9	3.5	3.2	2.0	0.6	1.6	0.0
60°	6.1	4.3	3.9	2.6	0.8	1.8	0.0
57.5°	6.2	5.1	4.4	3.3	1.4	1.9	0.0
55°	6.2	5.7	4.8	3.9	1.9	2.1	0.0
52.5°	6.2	6.2	5.1	4.6	2.3	2.3	0.0
50°	6.2	6.2	5.5	5.3	2.8	2.5	0.0
47.5°	6.2	6.2	5.7	5.9	3.2	2.6	0.0
45°	6.2	6.2	6.0	6.0	3.6	2.8	0.0
42.5°	6.2	6.2	6.1	6.2	4.0	3.0	0.0
40°	6.2	6.2	6.2	6.2	4.3	3.2	0.0
37.5°	6.2	6.2	6.2	6.2	4.6	3.4	0.0
35°	6.2	6.2	6.2	6.2	4.9	3.6	0.0
32.5°	6.4	6.2	6.2	6.2	5.2	3.8	0.0
30°	7.0	6.2	6.2	6.2	5.4	4.0	0.0
27.5°	7.7	6.2	6.2	6.2	5.6	4.2	0.0
25°	8.4	6.2	6.2	6.2	5.7	4.4	0.0
22.5°	9.2	6.3	6.2	6.2	5.8	4.6	0.0
20°	10.0	6.8	6.2	6.2	5.9	4.8	0.0
17.5°	11.1	7.3	6.2	6.2	6.0	5.0	0.0
15°	12.3	7.9	6.2	6.2	6.1	5.2	0.0
12.5°	13.5	8.6	6.2	6.2	6.1	5.4	0.0
10°	14.6	9.3	6.2	6.2	6.2	5.6	0.0
7.5°	15.7	10.1	6.2	6.2	6.2	5.7	0.0
5°	16.7	10.9	6.2	6.2	6.2	5.9	0.0
2.5°	17.6	11.6	6.2	6.2	6.2	6.1	0.0
0°	18.5	12.3	6.2	6.2	6.2	6.2	0.0
-2.5°	20.1	13.0	6.7	6.2	6.2	6.2	0.0
-5°	21.6	13.6	7.3	6.2	6.2	6.2	0.0
-7.5°	23.0	14.1	7.8	6.2	6.2	6.1	0.0
-10°	24.2	14.6	8.2	6.2	6.2	6.1	0.0
-12.5°	25.2	15.0	8.6	6.2	6.2	6.1	0.0
-15°	26.0	15.3	8.9	6.2	6.2	6.0	0.0
-17.5°	26.5	15.6	9.2	6.2	6.2	5.9	0.0
-20°	26.8	15.8	9.4	6.2	6.2	5.8	0.0

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CATALOG NUMBER: GFLD-SA6B-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.2	15.9	9.5	6.2	6.2	5.7	0.0
-25°	27.3	16.3	9.4	6.2	6.2	5.6	0.0
-27.5°	27.3	16.7	9.3	6.2	6.2	5.5	0.0
-30°	27.2	17.0	9.1	6.2	6.2	5.4	0.0
-32.5°	26.9	17.1	9.0	6.2	6.2	5.2	0.0
-35°	26.8	17.1	8.9	6.2	6.2	5.1	0.0
-37.5°	26.7	16.9	8.7	6.2	6.2	4.9	0.0
-40°	26.4	16.6	8.4	6.2	6.2	4.7	0.0
-42.5°	25.8	16.1	8.3	6.3	6.2	4.6	0.0
-45°	25.0	15.5	8.6	6.4	6.2	4.4	0.0
-47.5°	24.0	14.6	8.7	6.5	6.2	4.2	0.0
-50°	22.8	13.7	8.8	6.6	6.2	4.0	0.0
-52.5°	21.3	12.6	8.8	6.7	6.2	3.8	0.0
-55°	19.7	12.2	8.7	6.7	6.2	3.6	0.0
-57.5°	17.9	11.9	8.6	6.7	6.2	3.3	0.0
-60°	16.0	11.5	8.4	6.7	6.2	3.1	0.0
-62.5°	15.2	11.1	8.2	6.6	5.7	2.9	0.0
-65°	14.2	10.5	7.9	6.5	5.2	2.6	0.0
-67.5°	13.1	9.8	7.6	6.4	4.7	2.4	0.0
-70°	11.9	9.1	7.2	6.2	4.2	2.1	0.0
-72.5°	10.7	8.3	6.7	5.6	3.7	1.9	0.0
-75°	9.3	7.4	6.3	4.8	3.2	1.6	0.0
-77.5°	7.9	6.5	5.3	4.0	2.7	1.3	0.0
-80°	6.4	5.3	4.3	3.2	2.2	1.1	0.0
-82.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)