

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: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627748 (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-SA5E-730-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

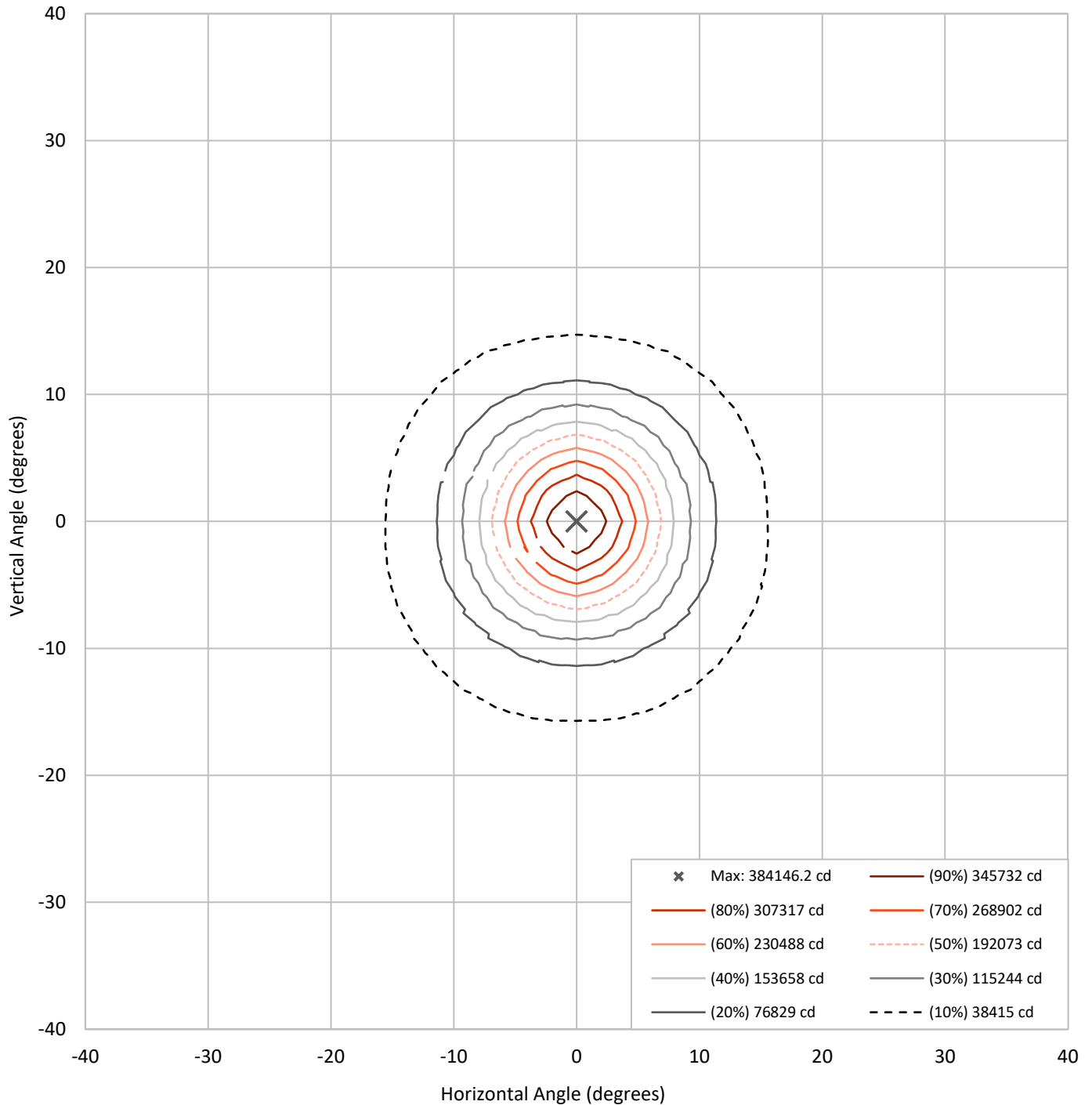
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	37896.8 lumens	Max Intensity:	384146.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	12098.4 lumens	Field Lumens:	26947 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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CATALOG NUMBER: GFLD-SA5E-730-U-NR-VSR-XX

Iso-Candela Plot





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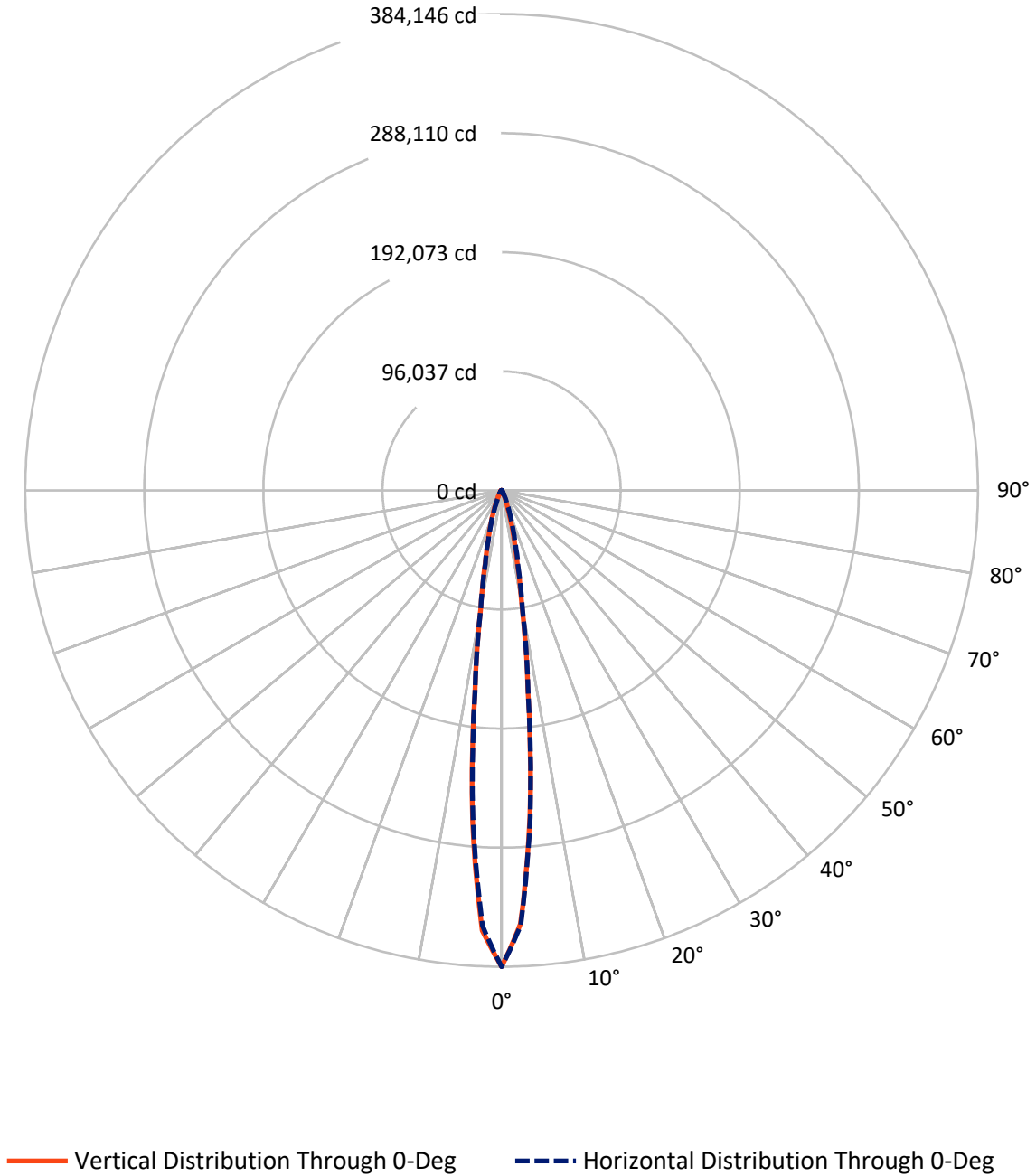
CATALOG NUMBER: GFLD-SA5E-730-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1			
50		0.1	0.3	0.9	2.1	3.4	4.5	5.4	5.4	4.5	3.4	2.1	0.9	0.3	0.1				
40	0.2	0.2	1.1	3.3	6.2	9.1	12.8	15.1	15.1	12.8	9.1	6.2	3.3	1.1	0.2	0.2			
30		0.5	2.7	6.4	11.5	18.1	30.8	39.2	39.2	30.8	18.1	11.5	6.4	2.7	0.5				
20	0.3	1.1	4.2	9.7	17.8	38.5	102.9	170.5	170.5	102.9	38.5	17.8	9.7	4.2	1.1	0.3			
10		1.6	5.8	13.5	29.3	115.2	485.8	1067.8	1067.8	485.8	115.2	29.3	13.5	5.8	1.6				
0	0.6	2.0	7.1	15.9	39.8	216.3	1164.1	5220.5	5220.5	1164.1	216.3	39.8	15.9	7.1	2.0	0.6			
-10		2.3	7.7	16.7	42.8	230.5	1204.9	5309.1	5309.1	1204.9	230.5	42.8	16.7	7.7	2.3				
-20	0.7	2.5	7.8	16.4	37.5	146.7	584.9	1251.0	1251.0	584.9	146.7	37.5	16.4	7.8	2.5	0.7			
-30		2.4	7.5	15.1	29.0	68.5	180.2	300.4	300.4	180.2	68.5	29.0	15.1	7.5	2.4				
-40	0.7	2.1	6.7	13.3	22.7	37.6	61.3	77.8	77.8	61.3	37.6	22.7	13.3	6.7	2.1	0.7			
-50		1.7	5.5	11.1	18.3	26.3	35.4	39.4	39.4	35.4	26.3	18.3	11.1	5.5	1.7				
-60	0.5	1.3	4.1	8.7	14.4	20.2	25.5	27.9	27.9	25.5	20.2	14.4	8.7	4.1	1.3	0.5			
-70		0.8	2.6	5.6	9.7	14.1	17.8	19.5	19.5	17.8	14.1	9.7	5.6	2.6	0.8				
-80	0.2	2.3		9.5		20.9		26.5		20.9		9.5		2.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

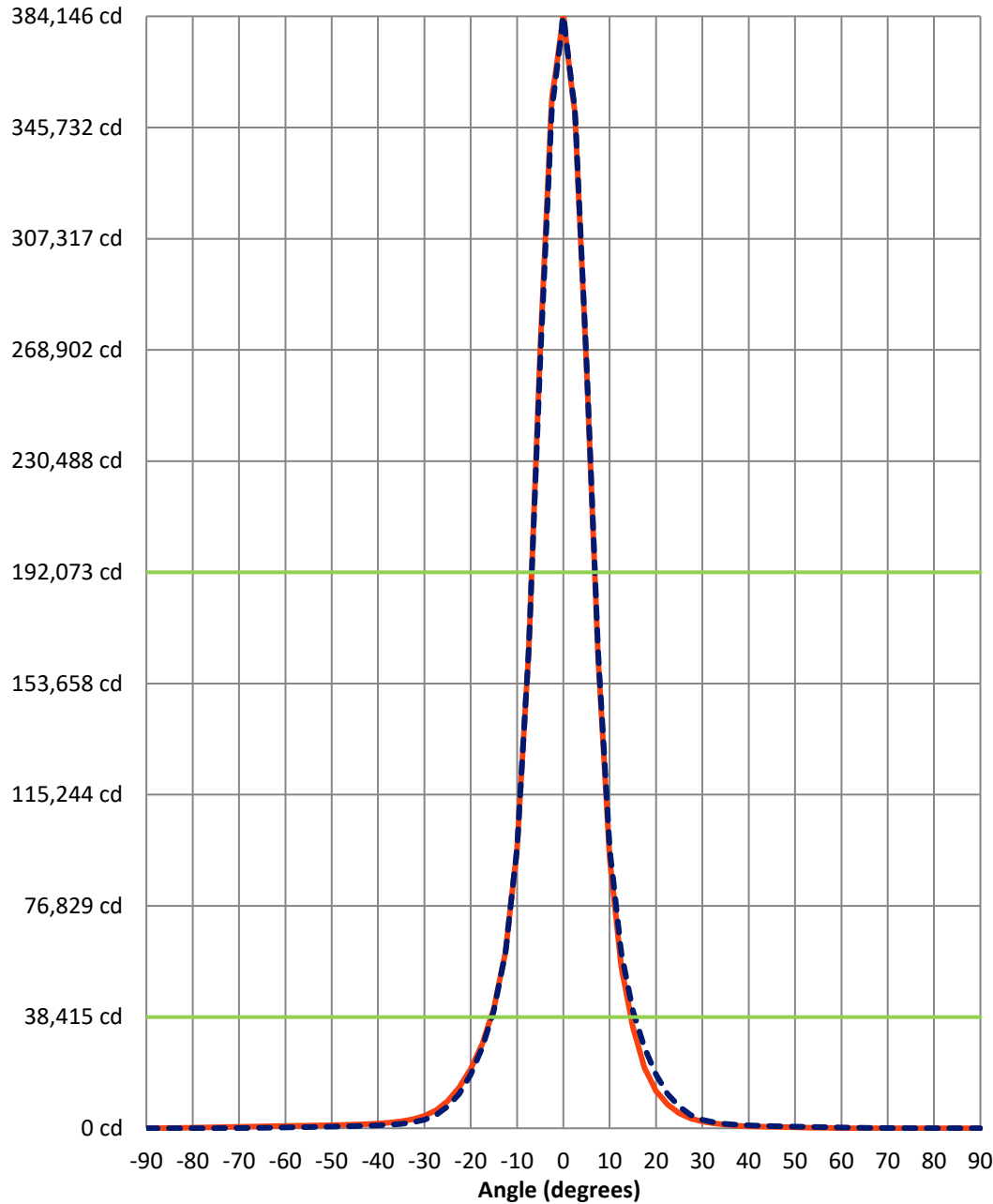
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 12098.4
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 26947
 Efficiency: 71.1%

Spill:
 Lumens: 10949.8
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.9	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.1	0.1	0.0	0.1	0.7	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.3	0.2	0.0	0.9	1.2	0.4	0.5	1.7	1.8	0.8
70°	0.0	1.5	0.3	0.2	1.6	1.8	0.9	2.5	3.4	3.0	1.1
67.5°	0.0	1.7	0.5	0.9	2.4	2.5	2.9	4.6	5.2	3.3	1.4
65°	0.0	1.9	0.6	1.8	3.3	3.5	4.7	6.7	5.5	3.6	2.4
62.5°	0.0	2.1	0.8	2.6	4.2	4.6	6.4	7.6	5.8	4.2	5.1
60°	0.0	2.3	1.1	3.4	5.1	5.7	7.9	7.9	6.1	5.8	7.4
57.5°	0.0	2.5	1.8	4.3	5.7	6.6	8.1	8.1	6.8	7.2	8.1
55°	0.0	2.7	2.4	5.1	6.2	7.5	8.1	8.1	7.5	8.1	8.1
52.5°	0.0	3.0	3.1	6.0	6.7	8.1	8.1	8.1	7.9	8.1	8.1
50°	0.0	3.2	3.7	6.9	7.1	8.1	8.1	8.1	8.1	8.1	9.4
47.5°	0.0	3.5	4.2	7.7	7.5	8.1	8.1	8.1	8.1	8.1	11.2
45°	0.0	3.7	4.7	7.9	7.8	8.1	8.1	8.1	8.4	10.1	13.4
42.5°	0.0	4.0	5.2	8.0	8.0	8.1	8.1	8.4	8.9	12.4	18.0
40°	0.0	4.2	5.7	8.1	8.1	8.1	8.1	9.1	10.3	14.9	23.2
37.5°	0.0	4.5	6.1	8.1	8.1	8.1	8.1	9.9	13.2	18.8	28.6
35°	0.0	4.7	6.4	8.1	8.1	8.1	8.1	10.8	16.2	23.9	35.0
32.5°	0.0	5.0	6.7	8.1	8.1	8.1	8.3	12.0	19.3	28.9	43.4
30°	0.0	5.3	7.0	8.1	8.1	8.1	9.2	13.5	22.6	33.7	52.6
27.5°	0.0	5.5	7.3	8.1	8.1	8.1	10.1	16.2	26.2	38.3	62.4
25°	0.0	5.8	7.5	8.1	8.1	8.1	11.1	18.8	30.1	45.1	73.0
22.5°	0.0	6.1	7.6	8.1	8.1	8.3	12.1	21.4	33.7	53.3	85.4
20°	0.0	6.3	7.8	8.1	8.1	8.9	13.1	24.0	37.2	61.6	96.9
17.5°	0.0	6.6	7.9	8.1	8.1	9.6	14.6	26.5	40.5	69.9	107.3
15°	0.0	6.8	8.0	8.1	8.1	10.4	16.3	29.1	43.6	78.2	116.8
12.5°	0.0	7.1	8.0	8.1	8.1	11.3	17.8	31.5	47.7	86.2	125.3
10°	0.0	7.3	8.1	8.1	8.1	12.3	19.3	33.8	52.9	93.7	132.8
7.5°	0.0	7.5	8.1	8.1	8.1	13.3	20.7	35.8	58.2	100.1	139.4
5°	0.0	7.7	8.1	8.1	8.1	14.4	22.0	37.7	63.5	105.5	145.3
2.5°	0.0	7.9	8.1	8.1	8.1	15.4	23.3	39.3	68.5	110.1	150.3
0°	0.0	8.1	8.1	8.1	8.1	16.3	24.4	40.7	73.2	113.8	154.5
-2.5°	0.0	8.1	8.1	8.1	8.8	17.2	26.5	43.1	77.4	116.8	159.8
-5°	0.0	8.1	8.1	8.1	9.5	17.9	28.5	45.4	80.9	119.2	164.0
-7.5°	0.0	8.0	8.1	8.1	10.2	18.6	30.3	47.3	83.8	121.0	167.3
-10°	0.0	8.0	8.1	8.1	10.8	19.2	31.9	49.1	86.0	122.3	169.3
-12.5°	0.0	7.9	8.1	8.1	11.3	19.8	33.3	50.6	87.3	123.5	172.5
-15°	0.0	7.8	8.1	8.1	11.8	20.2	34.3	51.8	87.6	126.0	175.4
-17.5°	0.0	7.7	8.1	8.1	12.1	20.6	35.0	53.1	87.0	127.3	176.7
-20°	0.0	7.6	8.1	8.1	12.4	20.8	35.4	54.1	85.7	127.2	176.4

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REPORT NUMBER: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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	7.5	8.1	8.1	12.5	21.0	35.9	54.8	83.8	125.8	174.4
-25°	0.0	7.3	8.1	8.1	12.4	21.6	36.1	55.1	81.2	122.8	170.6
-27.5°	0.0	7.2	8.1	8.1	12.3	22.1	36.1	54.9	78.0	118.7	166.9
-30°	0.0	7.0	8.1	8.1	11.9	22.5	35.9	54.3	76.3	114.3	161.3
-32.5°	0.0	6.8	8.1	8.1	11.9	22.7	35.5	53.7	75.4	109.2	153.7
-35°	0.0	6.6	8.1	8.1	11.8	22.6	35.4	52.9	73.8	103.4	143.9
-37.5°	0.0	6.4	8.1	8.1	11.5	22.4	35.3	52.0	71.7	97.0	138.3
-40°	0.0	6.2	8.1	8.1	11.0	21.9	34.8	50.7	69.0	92.8	133.3
-42.5°	0.0	6.0	8.1	8.2	10.9	21.3	34.1	49.2	66.8	90.9	127.0
-45°	0.0	5.7	8.1	8.4	11.2	20.4	33.1	47.7	64.8	88.2	120.0
-47.5°	0.0	5.5	8.1	8.6	11.4	19.3	31.7	46.1	62.6	84.3	115.4
-50°	0.0	5.2	8.1	8.7	11.5	18.0	30.1	44.1	60.2	81.1	109.5
-52.5°	0.0	4.9	8.1	8.7	11.6	16.6	28.2	41.7	57.2	76.6	102.3
-55°	0.0	4.6	8.1	8.8	11.5	16.1	26.0	39.0	53.8	70.9	94.9
-57.5°	0.0	4.4	8.1	8.8	11.3	15.7	23.6	35.9	49.9	65.7	85.9
-60°	0.0	4.0	8.1	8.7	11.1	15.2	21.1	32.4	45.6	60.5	77.0
-62.5°	0.0	3.7	7.5	8.6	10.8	14.6	20.0	28.7	40.9	54.7	70.0
-65°	0.0	3.4	6.8	8.5	10.4	13.8	18.8	25.2	35.8	48.5	62.5
-67.5°	0.0	3.1	6.2	8.3	9.9	13.0	17.4	23.2	30.4	41.8	54.5
-70°	0.0	2.8	5.5	8.1	9.4	12.0	15.8	20.9	27.2	34.8	46.1
-72.5°	0.0	2.4	4.9	7.3	8.8	10.9	14.1	18.4	23.8	30.3	37.8
-75°	0.0	2.1	4.2	6.3	8.2	9.8	12.3	16.1	20.2	25.6	31.8
-77.5°	0.0	1.8	3.5	5.2	7.0	8.5	10.4	13.9	17.5	21.2	25.6
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	11.6	14.9	18.3	21.6
-82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	9.0	12.3	15.3	18.3
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	6.1	8.3	10.8	13.7
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	3.0	4.2	5.4	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.3	2.7	1.7	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	4.0	5.3	4.0	2.1	0.1	1.9	2.7	2.2	0.3	0.0	0.0
62.5°	7.5	6.4	4.5	3.4	4.6	6.1	4.8	2.8	0.8	3.9	5.7
60°	8.1	6.8	5.7	6.4	8.2	7.3	5.3	7.9	11.9	15.0	18.2
57.5°	8.1	7.5	7.3	8.8	9.2	9.2	14.3	19.1	27.0	33.6	38.1
55°	8.3	8.0	9.2	11.0	13.7	19.4	26.6	37.5	46.2	59.6	71.0
52.5°	9.2	9.2	12.4	16.7	24.6	33.6	46.2	61.5	78.9	92.0	105.8
50°	10.5	13.6	17.4	27.9	38.8	52.9	73.6	96.0	110.7	125.4	145.2
47.5°	14.5	18.4	28.6	40.8	56.6	79.0	107.5	123.7	138.2	161.3	185.9
45°	19.5	27.7	40.2	57.1	78.8	110.2	132.7	146.0	171.0	197.7	225.9
42.5°	24.9	38.2	55.3	73.1	107.3	137.1	157.5	178.4	203.7	235.0	265.5
40°	33.8	48.6	71.8	99.7	134.5	163.7	189.1	213.2	238.1	279.0	311.4
37.5°	42.9	64.3	90.5	125.2	161.4	193.2	221.7	252.0	287.5	333.5	362.7
35°	51.6	80.6	112.8	149.6	188.0	224.1	258.3	293.6	339.7	383.3	418.2
32.5°	63.9	97.4	133.5	173.4	212.9	253.7	295.3	337.5	382.9	427.5	473.2
30°	79.3	115.2	153.2	196.0	235.8	283.0	331.2	375.8	421.6	468.5	520.2
27.5°	94.9	131.9	173.0	216.2	257.9	311.8	363.7	410.4	457.2	507.8	566.7
25°	109.3	148.7	191.7	234.2	283.3	341.0	397.8	451.8	491.5	549.1	617.9
22.5°	123.1	165.1	211.3	250.4	307.7	370.5	436.6	494.7	541.6	593.1	671.1
20°	136.7	182.0	229.6	273.5	332.2	399.7	478.2	538.1	596.3	662.6	742.3
17.5°	149.8	197.7	247.8	299.8	361.8	431.7	520.8	581.8	651.4	730.7	831.2
15°	162.1	212.3	266.0	324.4	388.5	463.8	549.7	625.8	709.1	800.6	919.4
12.5°	173.6	225.7	283.9	347.2	412.0	491.4	573.9	654.9	750.7	870.5	1019.9
10°	184.2	237.7	301.2	368.1	432.4	514.7	595.3	679.6	780.7	912.2	1083.3
7.5°	192.9	249.9	317.7	386.9	450.0	533.8	613.7	699.9	805.7	946.7	1125.9
5°	200.3	262.7	333.0	399.1	464.8	550.4	629.2	716.0	825.6	973.7	1156.3
2.5°	206.5	274.4	346.4	408.0	477.4	565.4	641.5	733.9	845.9	994.7	1184.9
0°	211.4	284.6	357.8	414.7	487.9	577.3	650.5	748.1	861.9	1008.3	1211.5
-2.5°	221.3	293.1	364.6	422.4	499.1	579.2	656.4	750.1	868.0	1018.9	1216.5
-5°	229.6	299.9	369.5	428.3	507.5	579.0	658.9	748.4	870.1	1024.9	1225.3
-7.5°	235.9	305.1	372.8	432.9	512.0	581.7	662.6	754.2	876.4	1030.4	1236.9
-10°	240.1	308.9	375.5	438.7	513.1	584.5	664.0	755.5	875.3	1026.9	1230.6
-12.5°	242.2	311.1	376.8	441.8	512.8	584.2	662.1	751.9	866.4	1014.0	1205.4
-15°	242.9	312.0	376.6	442.2	511.6	580.8	656.9	743.4	850.2	992.3	1165.9
-17.5°	242.2	311.5	375.1	439.5	509.8	574.1	648.8	731.9	833.9	966.6	1133.9
-20°	240.1	309.8	372.2	433.6	507.0	567.9	640.7	721.0	816.9	937.2	1086.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	236.7	306.9	368.2	427.7	498.0	562.1	630.1	706.7	792.6	901.5	1034.3
-25°	232.8	301.2	363.1	423.1	487.8	553.3	616.8	689.6	768.5	873.1	992.7
-27.5°	227.5	294.2	356.0	416.8	476.9	541.4	603.5	672.2	750.4	842.6	949.5
-30°	220.0	284.3	346.1	408.1	467.4	528.0	587.9	653.4	727.1	814.0	912.7
-32.5°	210.5	273.2	333.7	395.0	456.7	514.6	571.0	633.9	703.1	779.3	873.2
-35°	200.9	261.3	320.3	378.7	443.7	499.5	553.8	611.6	675.9	746.8	823.3
-37.5°	191.9	248.5	306.0	361.2	422.7	480.9	533.8	588.6	648.1	713.1	782.6
-40°	182.1	234.8	291.0	344.7	398.8	458.0	510.8	563.8	618.8	683.9	745.8
-42.5°	172.1	223.3	275.3	327.9	379.5	432.5	485.2	536.0	594.0	655.7	716.3
-45°	163.6	211.2	259.4	310.6	361.5	409.4	458.8	506.2	565.2	626.9	686.2
-47.5°	153.8	198.9	245.6	292.0	341.9	389.8	434.2	482.2	532.3	590.5	652.8
-50°	143.6	186.3	229.4	273.1	320.4	368.2	413.3	457.7	504.9	552.8	606.5
-52.5°	134.9	172.2	212.1	252.3	297.0	343.8	389.3	433.7	477.2	522.2	568.0
-55°	124.6	158.8	194.1	231.6	270.8	315.6	360.8	404.1	448.5	490.5	535.4
-57.5°	113.2	143.9	176.0	211.2	246.9	283.7	327.4	370.5	412.3	454.8	501.0
-60°	100.2	127.7	156.9	189.3	224.1	257.8	293.2	333.1	373.5	413.8	456.5
-62.5°	86.9	110.7	137.0	165.4	197.2	230.3	262.7	296.8	333.0	368.1	405.1
-65°	78.0	94.7	116.9	142.1	168.3	197.9	228.6	259.9	291.9	321.6	350.2
-67.5°	68.4	83.6	99.9	118.5	142.3	167.3	191.8	219.9	248.5	275.9	302.5
-70°	58.4	71.8	86.3	101.8	118.7	139.1	162.1	184.6	206.5	229.5	254.2
-72.5°	47.9	59.5	72.1	85.5	99.9	116.0	133.7	152.9	172.5	191.4	210.7
-75°	39.3	47.0	57.3	68.6	81.0	93.7	106.5	121.7	138.2	154.9	171.2
-77.5°	32.4	39.5	46.5	53.5	62.3	73.9	85.3	96.6	108.1	120.7	134.1
-80°	26.3	31.8	38.3	44.7	50.8	57.7	65.7	74.5	82.7	91.1	100.2
-82.5°	22.0	26.2	30.8	35.8	39.3	43.0	47.2	52.4	57.8	63.4	69.2
-85°	16.8	20.3	23.3	26.7	28.3	30.2	32.2	34.4	37.9	41.3	44.7
-87.5°	8.5	10.2	12.0	14.0	14.9	15.7	16.5	17.3	19.5	21.8	24.2
-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: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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°	0.4	0.1	0.0	0.0	0.1	1.5	2.0	1.7	0.8	0.0	0.0
62.5°	4.8	3.9	6.3	8.4	9.3	9.0	8.3	7.4	6.3	5.8	6.6
60°	19.5	19.2	26.7	30.3	27.6	19.5	30.6	36.1	34.7	29.8	29.6
57.5°	47.7	58.0	65.4	68.7	79.5	96.9	100.2	94.4	92.4	94.3	108.9
55°	82.7	91.0	95.3	110.1	123.1	132.6	138.2	143.9	152.2	162.4	172.9
52.5°	117.0	128.3	137.1	150.3	166.0	171.4	169.9	190.1	205.7	215.8	219.9
50°	160.6	174.8	195.1	215.7	224.7	233.5	242.8	259.2	283.3	313.3	330.4
47.5°	207.7	230.0	251.3	274.9	286.8	296.2	309.9	338.7	373.0	405.3	422.1
45°	250.0	270.0	294.2	314.7	329.4	347.4	367.4	393.4	431.7	465.4	488.7
42.5°	284.1	306.5	331.5	356.2	371.2	395.5	425.8	461.1	501.3	536.4	562.3
40°	331.8	350.8	390.6	414.1	419.9	442.5	503.4	551.7	597.1	640.3	661.8
37.5°	389.5	426.5	467.8	489.1	510.0	550.0	631.4	709.5	767.4	825.8	857.7
35°	454.9	503.6	559.9	585.1	630.0	717.1	812.7	921.3	1056.5	1113.1	1164.7
32.5°	518.6	573.0	625.0	681.5	760.0	864.0	971.8	1147.9	1312.4	1439.7	1532.8
30°	575.0	632.8	697.2	769.9	880.6	1024.0	1203.9	1431.8	1663.6	1865.9	2037.1
27.5°	630.7	696.5	773.2	881.5	1037.3	1232.1	1519.3	1844.4	2231.4	2516.4	2856.9
25°	691.9	767.1	865.5	1022.6	1232.8	1523.9	1983.2	2511.0	3145.5	3660.0	4198.5
22.5°	764.3	875.3	1000.0	1175.1	1542.4	2022.1	2649.5	3551.7	4527.8	5430.2	6299.3
20°	851.7	1003.5	1203.6	1526.2	1997.6	2706.8	3796.9	5236.8	6672.2	8201.0	9672.6
17.5°	976.5	1195.3	1506.2	1965.3	2586.6	3989.5	5758.1	7985.2	10846.3	13439.2	15703.0
15°	1093.5	1355.0	1845.9	2532.1	3615.8	5475.2	8161.5	11837.3	16296.4	20360.2	24652.4
12.5°	1216.4	1525.1	2088.9	2962.6	4468.5	6889.1	10664.2	15700.8	21284.3	27409.0	34385.4
10°	1313.7	1688.5	2363.6	3471.4	5327.6	8342.0	12838.7	18946.9	26366.6	35430.8	46582.9
7.5°	1379.4	1819.5	2590.5	3843.8	6118.6	9827.9	15241.0	22582.9	31858.8	43866.9	59471.7
5°	1430.7	1919.5	2761.1	4183.5	6787.6	10962.1	17020.9	25766.9	36739.8	52828.5	79274.3
2.5°	1471.9	1996.1	2866.6	4417.2	7207.6	11751.9	18215.0	27568.2	39645.3	59454.1	93763.9
0°	1504.3	2065.3	2935.3	4561.6	7529.4	11830.8	18587.7	27897.8	40688.1	60650.0	96882.2
-2.5°	1518.0	2102.4	2959.0	4593.2	7497.3	11966.4	18701.5	28161.1	40648.9	59994.7	93399.5
-5°	1540.9	2101.8	2941.2	4560.9	7329.2	11615.8	17958.8	26687.7	38196.6	54834.8	82202.8
-7.5°	1557.2	2068.3	2856.0	4354.2	6889.1	10858.0	16653.7	24246.4	33733.3	46366.3	63316.2
-10°	1542.2	2003.9	2714.1	4007.6	6205.1	9642.2	14669.2	21023.5	28908.1	38270.2	49786.3
-12.5°	1484.2	1885.1	2482.4	3522.0	5319.2	8280.4	12672.6	18082.9	23918.6	30493.6	38451.4
-15°	1410.8	1757.1	2273.7	3188.9	4662.3	6930.6	10137.2	14526.3	19207.6	24199.7	29523.2
-17.5°	1353.7	1644.7	2072.4	2735.0	3818.7	5622.3	8142.2	11260.1	14700.3	18501.1	21655.7
-20°	1276.3	1506.3	1865.4	2406.4	3233.3	4428.2	6263.5	8528.7	10798.7	13471.0	15650.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	1198.8	1399.2	1672.4	2068.4	2683.6	3586.4	4720.2	6232.7	7892.8	9426.7	10936.6
-25°	1126.9	1281.2	1502.2	1827.1	2244.4	2860.5	3667.6	4535.2	5629.5	6563.2	7599.3
-27.5°	1068.7	1201.2	1364.3	1602.5	1926.3	2322.6	2900.5	3481.9	4057.3	4528.5	5241.9
-30°	1012.5	1119.2	1255.6	1425.4	1668.1	1973.6	2348.7	2725.8	3057.9	3360.8	3732.3
-32.5°	957.3	1044.1	1148.7	1289.7	1463.9	1693.4	1924.0	2194.3	2425.1	2638.1	2835.3
-35°	902.0	979.2	1058.9	1177.8	1316.7	1479.8	1647.4	1830.5	1990.3	2133.8	2260.7
-37.5°	852.0	919.9	994.8	1083.3	1195.3	1318.0	1454.9	1587.9	1693.5	1786.6	1863.6
-40°	809.9	871.6	935.7	1006.6	1091.8	1188.7	1304.9	1415.7	1489.7	1546.6	1593.3
-42.5°	772.2	826.6	881.2	941.3	1006.7	1090.6	1182.4	1273.9	1324.0	1368.1	1401.9
-45°	742.0	783.7	829.7	881.0	939.0	1009.2	1081.4	1144.6	1189.2	1227.1	1255.2
-47.5°	702.1	742.2	782.1	824.4	878.4	937.0	996.6	1045.3	1084.2	1117.2	1138.7
-50°	658.1	700.4	736.8	774.1	823.8	873.4	921.4	961.6	998.8	1031.1	1048.0
-52.5°	612.5	657.9	696.2	732.5	774.2	817.5	860.8	895.2	927.7	958.2	971.1
-55°	579.7	621.5	661.1	695.3	729.6	764.3	799.6	835.3	867.5	896.4	905.0
-57.5°	544.3	586.9	626.0	656.7	687.7	719.0	751.3	783.6	814.6	842.3	849.3
-60°	501.0	547.2	581.9	610.9	641.1	672.0	700.1	728.8	757.7	782.0	789.8
-62.5°	446.1	488.1	522.4	553.0	582.1	608.9	636.4	663.2	689.2	708.3	714.6
-65°	380.3	416.0	451.3	483.3	512.0	537.9	563.2	587.7	611.3	628.1	636.5
-67.5°	328.4	354.1	382.5	410.0	438.8	465.5	488.3	509.8	530.0	544.3	553.2
-70°	278.2	302.7	329.3	355.5	380.6	402.3	420.5	438.2	455.5	468.1	477.6
-72.5°	230.3	251.1	273.3	296.4	319.3	338.9	355.6	371.4	386.3	397.2	405.9
-75°	187.0	204.1	222.8	241.6	260.2	275.7	289.7	303.3	316.5	326.1	334.1
-77.5°	148.4	162.9	177.5	192.2	206.8	218.1	228.4	238.4	248.1	255.7	262.6
-80°	110.0	121.3	133.0	144.7	156.4	165.0	172.7	180.0	186.9	191.4	195.3
-82.5°	75.2	83.1	91.3	99.5	107.8	114.1	120.3	126.3	132.2	134.3	135.8
-85°	48.0	51.9	56.2	60.7	65.4	69.0	72.3	75.5	78.5	81.3	84.0
-87.5°	26.6	27.4	28.1	28.8	29.5	31.9	34.4	36.8	39.3	39.7	40.1
-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: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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	0.8	1.7
62.5°	7.3	7.7	8.0	8.1	8.0	7.7	7.3	6.6	5.8	6.3	7.4
60°	27.8	24.8	24.2	24.4	24.2	24.8	27.8	29.6	29.8	34.7	36.1
57.5°	123.7	137.6	141.4	138.2	141.4	137.6	123.7	108.9	94.3	92.4	94.4
55°	180.1	184.4	186.3	187.0	186.3	184.4	180.1	172.9	162.4	152.2	143.9
52.5°	220.7	219.3	219.0	219.5	219.0	219.3	220.7	219.9	215.8	205.7	190.1
50°	331.8	325.7	323.3	325.2	323.3	325.7	331.8	330.4	313.3	283.3	259.2
47.5°	424.1	425.9	428.8	430.9	428.8	425.9	424.1	422.1	405.3	373.0	338.7
45°	495.2	499.6	502.5	504.1	502.5	499.6	495.2	488.7	465.4	431.7	393.4
42.5°	568.0	568.5	567.7	569.2	567.7	568.5	568.0	562.3	536.4	501.3	461.1
40°	670.5	672.7	670.4	666.8	670.4	672.7	670.5	661.8	640.3	597.1	551.7
37.5°	876.3	879.3	869.5	861.9	869.5	879.3	876.3	857.7	825.8	767.4	709.5
35°	1211.8	1246.6	1263.1	1268.5	1263.1	1246.6	1211.8	1164.7	1113.1	1056.5	921.3
32.5°	1597.1	1645.5	1669.7	1691.3	1669.7	1645.5	1597.1	1532.8	1439.7	1312.4	1147.9
30°	2149.3	2238.5	2277.8	2333.6	2277.8	2238.5	2149.3	2037.1	1865.9	1663.6	1431.8
27.5°	3050.2	3207.0	3293.8	3374.4	3293.8	3207.0	3050.2	2856.9	2516.4	2231.4	1844.4
25°	4589.8	4891.8	5087.3	5179.5	5087.3	4891.8	4589.8	4198.5	3660.0	3145.5	2511.0
22.5°	7140.2	7697.0	8126.4	8212.4	8126.4	7697.0	7140.2	6299.3	5430.2	4527.8	3551.7
20°	11100.4	11897.1	12545.2	12871.5	12545.2	11897.1	11100.4	9672.6	8201.0	6672.2	5236.8
17.5°	18399.4	20056.4	20813.3	20937.6	20813.3	20056.4	18399.4	15703.0	13439.2	10846.3	7985.2
15°	29258.0	32062.0	33842.0	34988.2	33842.0	32062.0	29258.0	24652.4	20360.2	16296.4	11837.3
12.5°	41647.4	49614.9	54148.5	55877.0	54148.5	49614.9	41647.4	34385.4	27409.0	21284.3	15700.8
10°	58462.5	77219.2	88038.9	93483.4	88038.9	77219.2	58462.5	46582.9	35430.8	26366.6	18946.9
7.5°	87001.8	115971.8	148069.3	162919.0	148069.3	115971.8	87001.8	59471.7	43866.9	31858.8	22582.9
5°	117003.5	180609.8	236437.5	263171.6	236437.5	180609.8	117003.5	79274.3	52828.5	36739.8	25766.9
2.5°	151485.7	237264.8	316574.5	349922.4	316574.5	237264.8	151485.7	93763.9	59454.1	39645.3	27568.2
0°	164756.7	264675.8	351414.4	384146.2	351414.4	264675.8	164756.7	96882.2	60650.0	40688.1	27897.8
-2.5°	153537.3	241420.4	317937.1	355337.7	317937.1	241420.4	153537.3	93399.5	59994.7	40648.9	28161.1
-5°	121993.3	181605.2	238273.2	268749.5	238273.2	181605.2	121993.3	82202.8	54834.8	38196.6	26687.7
-7.5°	89535.5	121987.6	153458.9	164464.0	153458.9	121987.6	89535.5	63316.2	46366.3	33733.3	24246.4
-10°	62336.4	80919.6	93186.5	96687.0	93186.5	80919.6	62336.4	49786.3	38270.2	28908.1	21023.5
-12.5°	46216.2	54344.5	60000.0	60983.3	60000.0	54344.5	46216.2	38451.4	30493.6	23918.6	18082.9
-15°	34221.9	38355.4	41272.3	41468.7	41272.3	38355.4	34221.9	29523.2	24199.7	19207.6	14526.3
-17.5°	25016.4	27791.0	29263.0	29158.2	29263.0	27791.0	25016.4	21655.7	18501.1	14700.3	11260.1
-20°	17888.2	19560.6	20746.8	20514.8	20746.8	19560.6	17888.2	15650.3	13471.0	10798.7	8528.7



REPORT NUMBER: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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°	12472.9	13583.1	14278.2	14099.3	14278.2	13583.1	12472.9	10936.6	9426.7	7892.8	6232.7
-25°	8475.1	9080.0	9424.3	9367.0	9424.3	9080.0	8475.1	7599.3	6563.2	5629.5	4535.2
-27.5°	5775.3	6094.8	6201.5	6195.9	6201.5	6094.8	5775.3	5241.9	4528.5	4057.3	3481.9
-30°	4008.6	4223.3	4346.1	4268.8	4346.1	4223.3	4008.6	3732.3	3360.8	3057.9	2725.8
-32.5°	2987.7	3108.8	3178.8	3106.1	3178.8	3108.8	2987.7	2835.3	2638.1	2425.1	2194.3
-35°	2354.6	2415.8	2440.5	2398.7	2440.5	2415.8	2354.6	2260.7	2133.8	1990.3	1830.5
-37.5°	1919.6	1955.5	1967.7	1943.3	1967.7	1955.5	1919.6	1863.6	1786.6	1693.5	1587.9
-40°	1626.6	1648.6	1654.0	1634.4	1654.0	1648.6	1626.6	1593.3	1546.6	1489.7	1415.7
-42.5°	1423.2	1436.3	1439.4	1431.1	1439.4	1436.3	1423.2	1401.9	1368.1	1324.0	1273.9
-45°	1271.9	1283.2	1285.3	1276.6	1285.3	1283.2	1271.9	1255.2	1227.1	1189.2	1144.6
-47.5°	1149.4	1156.4	1158.1	1154.6	1158.1	1156.4	1149.4	1138.7	1117.2	1084.2	1045.3
-50°	1055.7	1060.5	1060.9	1057.0	1060.9	1060.5	1055.7	1048.0	1031.1	998.8	961.6
-52.5°	977.2	980.5	982.8	983.9	982.8	980.5	977.2	971.1	958.2	927.7	895.2
-55°	911.0	915.3	917.9	918.8	917.9	915.3	911.0	905.0	896.4	867.5	835.3
-57.5°	854.8	858.7	861.1	861.9	861.1	858.7	854.8	849.3	842.3	814.6	783.6
-60°	796.1	800.9	804.0	805.0	804.0	800.9	796.1	789.8	782.0	757.7	728.8
-62.5°	718.7	720.9	722.9	723.7	722.9	720.9	718.7	714.6	708.3	689.2	663.2
-65°	642.8	647.2	649.7	650.5	649.7	647.2	642.8	636.5	628.1	611.3	587.7
-67.5°	560.5	566.2	572.2	577.3	572.2	566.2	560.5	553.2	544.3	530.0	509.8
-70°	485.9	493.2	495.4	496.0	495.4	493.2	485.9	477.6	468.1	455.5	438.2
-72.5°	413.6	420.4	426.1	430.9	426.1	420.4	413.6	405.9	397.2	386.3	371.4
-75°	341.3	347.6	349.2	349.6	349.2	347.6	341.3	334.1	326.1	316.5	303.3
-77.5°	269.0	274.9	276.2	276.5	276.2	274.9	269.0	262.6	255.7	248.1	238.4
-80°	199.0	202.2	207.0	211.4	207.0	202.2	199.0	195.3	191.4	186.9	180.0
-82.5°	136.9	137.6	138.1	138.2	138.1	137.6	136.9	135.8	134.3	132.2	126.3
-85°	86.6	89.0	89.3	89.4	89.3	89.0	86.6	84.0	81.3	78.5	75.5
-87.5°	40.4	40.5	40.7	40.7	40.7	40.5	40.4	40.1	39.7	39.3	36.8
-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: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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	0.5
65°	2.0	1.5	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.3	2.2
62.5°	8.3	9.0	9.3	8.4	6.3	3.9	4.8	5.7	3.9	0.8	2.8
60°	30.6	19.5	27.6	30.3	26.7	19.2	19.5	18.2	15.0	11.9	7.9
57.5°	100.2	96.9	79.5	68.7	65.4	58.0	47.7	38.1	33.6	27.0	19.1
55°	138.2	132.6	123.1	110.1	95.3	91.0	82.7	71.0	59.6	46.2	37.5
52.5°	169.9	171.4	166.0	150.3	137.1	128.3	117.0	105.8	92.0	78.9	61.5
50°	242.8	233.5	224.7	215.7	195.1	174.8	160.6	145.2	125.4	110.7	96.0
47.5°	309.9	296.2	286.8	274.9	251.3	230.0	207.7	185.9	161.3	138.2	123.7
45°	367.4	347.4	329.4	314.7	294.2	270.0	250.0	225.9	197.7	171.0	146.0
42.5°	425.8	395.5	371.2	356.2	331.5	306.5	284.1	265.5	235.0	203.7	178.4
40°	503.4	442.5	419.9	414.1	390.6	350.8	331.8	311.4	279.0	238.1	213.2
37.5°	631.4	550.0	510.0	489.1	467.8	426.5	389.5	362.7	333.5	287.5	252.0
35°	812.7	717.1	630.0	585.1	559.9	503.6	454.9	418.2	383.3	339.7	293.6
32.5°	971.8	864.0	760.0	681.5	625.0	573.0	518.6	473.2	427.5	382.9	337.5
30°	1203.9	1024.0	880.6	769.9	697.2	632.8	575.0	520.2	468.5	421.6	375.8
27.5°	1519.3	1232.1	1037.3	881.5	773.2	696.5	630.7	566.7	507.8	457.2	410.4
25°	1983.2	1523.9	1232.8	1022.6	865.5	767.1	691.9	617.9	549.1	491.5	451.8
22.5°	2649.5	2022.1	1542.4	1175.1	1000.0	875.3	764.3	671.1	593.1	541.6	494.7
20°	3796.9	2706.8	1997.6	1526.2	1203.6	1003.5	851.7	742.3	662.6	596.3	538.1
17.5°	5758.1	3989.5	2586.6	1965.3	1506.2	1195.3	976.5	831.2	730.7	651.4	581.8
15°	8161.5	5475.2	3615.8	2532.1	1845.9	1355.0	1093.5	919.4	800.6	709.1	625.8
12.5°	10664.2	6889.1	4468.5	2962.6	2088.9	1525.1	1216.4	1019.9	870.5	750.7	654.9
10°	12838.7	8342.0	5327.6	3471.4	2363.6	1688.5	1313.7	1083.3	912.2	780.7	679.6
7.5°	15241.0	9827.9	6118.6	3843.8	2590.5	1819.5	1379.4	1125.9	946.7	805.7	699.9
5°	17020.9	10962.1	6787.6	4183.5	2761.1	1919.5	1430.7	1156.3	973.7	825.6	716.0
2.5°	18215.0	11751.9	7207.6	4417.2	2866.6	1996.1	1471.9	1184.9	994.7	845.9	733.9
0°	18587.7	11830.8	7529.4	4561.6	2935.3	2065.3	1504.3	1211.5	1008.3	861.9	748.1
-2.5°	18701.5	11966.4	7497.3	4593.2	2959.0	2102.4	1518.0	1216.5	1018.9	868.0	750.1
-5°	17958.8	11615.8	7329.2	4560.9	2941.2	2101.8	1540.9	1225.3	1024.9	870.1	748.4
-7.5°	16653.7	10858.0	6889.1	4354.2	2856.0	2068.3	1557.2	1236.9	1030.4	876.4	754.2
-10°	14669.2	9642.2	6205.1	4007.6	2714.1	2003.9	1542.2	1230.6	1026.9	875.3	755.5
-12.5°	12672.6	8280.4	5319.2	3522.0	2482.4	1885.1	1484.2	1205.4	1014.0	866.4	751.9
-15°	10137.2	6930.6	4662.3	3188.9	2273.7	1757.1	1410.8	1165.9	992.3	850.2	743.4
-17.5°	8142.2	5622.3	3818.7	2735.0	2072.4	1644.7	1353.7	1133.9	966.6	833.9	731.9
-20°	6263.5	4428.2	3233.3	2406.4	1865.4	1506.3	1276.3	1086.8	937.2	816.9	721.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	4720.2	3586.4	2683.6	2068.4	1672.4	1399.2	1198.8	1034.3	901.5	792.6	706.7
-25°	3667.6	2860.5	2244.4	1827.1	1502.2	1281.2	1126.9	992.7	873.1	768.5	689.6
-27.5°	2900.5	2322.6	1926.3	1602.5	1364.3	1201.2	1068.7	949.5	842.6	750.4	672.2
-30°	2348.7	1973.6	1668.1	1425.4	1255.6	1119.2	1012.5	912.7	814.0	727.1	653.4
-32.5°	1924.0	1693.4	1463.9	1289.7	1148.7	1044.1	957.3	873.2	779.3	703.1	633.9
-35°	1647.4	1479.8	1316.7	1177.8	1058.9	979.2	902.0	823.3	746.8	675.9	611.6
-37.5°	1454.9	1318.0	1195.3	1083.3	994.8	919.9	852.0	782.6	713.1	648.1	588.6
-40°	1304.9	1188.7	1091.8	1006.6	935.7	871.6	809.9	745.8	683.9	618.8	563.8
-42.5°	1182.4	1090.6	1006.7	941.3	881.2	826.6	772.2	716.3	655.7	594.0	536.0
-45°	1081.4	1009.2	939.0	881.0	829.7	783.7	742.0	686.2	626.9	565.2	506.2
-47.5°	996.6	937.0	878.4	824.4	782.1	742.2	702.1	652.8	590.5	532.3	482.2
-50°	921.4	873.4	823.8	774.1	736.8	700.4	658.1	606.5	552.8	504.9	457.7
-52.5°	860.8	817.5	774.2	732.5	696.2	657.9	612.5	568.0	522.2	477.2	433.7
-55°	799.6	764.3	729.6	695.3	661.1	621.5	579.7	535.4	490.5	448.5	404.1
-57.5°	751.3	719.0	687.7	656.7	626.0	586.9	544.3	501.0	454.8	412.3	370.5
-60°	700.1	672.0	641.1	610.9	581.9	547.2	501.0	456.5	413.8	373.5	333.1
-62.5°	636.4	608.9	582.1	553.0	522.4	488.1	446.1	405.1	368.1	333.0	296.8
-65°	563.2	537.9	512.0	483.3	451.3	416.0	380.3	350.2	321.6	291.9	259.9
-67.5°	488.3	465.5	438.8	410.0	382.5	354.1	328.4	302.5	275.9	248.5	219.9
-70°	420.5	402.3	380.6	355.5	329.3	302.7	278.2	254.2	229.5	206.5	184.6
-72.5°	355.6	338.9	319.3	296.4	273.3	251.1	230.3	210.7	191.4	172.5	152.9
-75°	289.7	275.7	260.2	241.6	222.8	204.1	187.0	171.2	154.9	138.2	121.7
-77.5°	228.4	218.1	206.8	192.2	177.5	162.9	148.4	134.1	120.7	108.1	96.6
-80°	172.7	165.0	156.4	144.7	133.0	121.3	110.0	100.2	91.1	82.7	74.5
-82.5°	120.3	114.1	107.8	99.5	91.3	83.1	75.2	69.2	63.4	57.8	52.4
-85°	72.3	69.0	65.4	60.7	56.2	51.9	48.0	44.7	41.3	37.9	34.4
-87.5°	34.4	31.9	29.5	28.8	28.1	27.4	26.6	24.2	21.8	19.5	17.3
-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: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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	0.3	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	1.7	0.5
70°	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.1	3.0	3.4	2.5
67.5°	0.0	0.0	0.0	1.7	2.7	2.3	0.5	1.4	3.3	5.2	4.6
65°	2.7	1.9	0.1	2.1	4.0	5.3	4.0	2.4	3.6	5.5	6.7
62.5°	4.8	6.1	4.6	3.4	4.5	6.4	7.5	5.1	4.2	5.8	7.6
60°	5.3	7.3	8.2	6.4	5.7	6.8	8.1	7.4	5.8	6.1	7.9
57.5°	14.3	9.2	9.2	8.8	7.3	7.5	8.1	8.1	7.2	6.8	8.1
55°	26.6	19.4	13.7	11.0	9.2	8.0	8.3	8.1	8.1	7.5	8.1
52.5°	46.2	33.6	24.6	16.7	12.4	9.2	9.2	8.1	8.1	7.9	8.1
50°	73.6	52.9	38.8	27.9	17.4	13.6	10.5	9.4	8.1	8.1	8.1
47.5°	107.5	79.0	56.6	40.8	28.6	18.4	14.5	11.2	8.1	8.1	8.1
45°	132.7	110.2	78.8	57.1	40.2	27.7	19.5	13.4	10.1	8.4	8.1
42.5°	157.5	137.1	107.3	73.1	55.3	38.2	24.9	18.0	12.4	8.9	8.4
40°	189.1	163.7	134.5	99.7	71.8	48.6	33.8	23.2	14.9	10.3	9.1
37.5°	221.7	193.2	161.4	125.2	90.5	64.3	42.9	28.6	18.8	13.2	9.9
35°	258.3	224.1	188.0	149.6	112.8	80.6	51.6	35.0	23.9	16.2	10.8
32.5°	295.3	253.7	212.9	173.4	133.5	97.4	63.9	43.4	28.9	19.3	12.0
30°	331.2	283.0	235.8	196.0	153.2	115.2	79.3	52.6	33.7	22.6	13.5
27.5°	363.7	311.8	257.9	216.2	173.0	131.9	94.9	62.4	38.3	26.2	16.2
25°	397.8	341.0	283.3	234.2	191.7	148.7	109.3	73.0	45.1	30.1	18.8
22.5°	436.6	370.5	307.7	250.4	211.3	165.1	123.1	85.4	53.3	33.7	21.4
20°	478.2	399.7	332.2	273.5	229.6	182.0	136.7	96.9	61.6	37.2	24.0
17.5°	520.8	431.7	361.8	299.8	247.8	197.7	149.8	107.3	69.9	40.5	26.5
15°	549.7	463.8	388.5	324.4	266.0	212.3	162.1	116.8	78.2	43.6	29.1
12.5°	573.9	491.4	412.0	347.2	283.9	225.7	173.6	125.3	86.2	47.7	31.5
10°	595.3	514.7	432.4	368.1	301.2	237.7	184.2	132.8	93.7	52.9	33.8
7.5°	613.7	533.8	450.0	386.9	317.7	249.9	192.9	139.4	100.1	58.2	35.8
5°	629.2	550.4	464.8	399.1	333.0	262.7	200.3	145.3	105.5	63.5	37.7
2.5°	641.5	565.4	477.4	408.0	346.4	274.4	206.5	150.3	110.1	68.5	39.3
0°	650.5	577.3	487.9	414.7	357.8	284.6	211.4	154.5	113.8	73.2	40.7
-2.5°	656.4	579.2	499.1	422.4	364.6	293.1	221.3	159.8	116.8	77.4	43.1
-5°	658.9	579.0	507.5	428.3	369.5	299.9	229.6	164.0	119.2	80.9	45.4
-7.5°	662.6	581.7	512.0	432.9	372.8	305.1	235.9	167.3	121.0	83.8	47.3
-10°	664.0	584.5	513.1	438.7	375.5	308.9	240.1	169.3	122.3	86.0	49.1
-12.5°	662.1	584.2	512.8	441.8	376.8	311.1	242.2	172.5	123.5	87.3	50.6
-15°	656.9	580.8	511.6	442.2	376.6	312.0	242.9	175.4	126.0	87.6	51.8
-17.5°	648.8	574.1	509.8	439.5	375.1	311.5	242.2	176.7	127.3	87.0	53.1
-20°	640.7	567.9	507.0	433.6	372.2	309.8	240.1	176.4	127.2	85.7	54.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	630.1	562.1	498.0	427.7	368.2	306.9	236.7	174.4	125.8	83.8	54.8
-25°	616.8	553.3	487.8	423.1	363.1	301.2	232.8	170.6	122.8	81.2	55.1
-27.5°	603.5	541.4	476.9	416.8	356.0	294.2	227.5	166.9	118.7	78.0	54.9
-30°	587.9	528.0	467.4	408.1	346.1	284.3	220.0	161.3	114.3	76.3	54.3
-32.5°	571.0	514.6	456.7	395.0	333.7	273.2	210.5	153.7	109.2	75.4	53.7
-35°	553.8	499.5	443.7	378.7	320.3	261.3	200.9	143.9	103.4	73.8	52.9
-37.5°	533.8	480.9	422.7	361.2	306.0	248.5	191.9	138.3	97.0	71.7	52.0
-40°	510.8	458.0	398.8	344.7	291.0	234.8	182.1	133.3	92.8	69.0	50.7
-42.5°	485.2	432.5	379.5	327.9	275.3	223.3	172.1	127.0	90.9	66.8	49.2
-45°	458.8	409.4	361.5	310.6	259.4	211.2	163.6	120.0	88.2	64.8	47.7
-47.5°	434.2	389.8	341.9	292.0	245.6	198.9	153.8	115.4	84.3	62.6	46.1
-50°	413.3	368.2	320.4	273.1	229.4	186.3	143.6	109.5	81.1	60.2	44.1
-52.5°	389.3	343.8	297.0	252.3	212.1	172.2	134.9	102.3	76.6	57.2	41.7
-55°	360.8	315.6	270.8	231.6	194.1	158.8	124.6	94.9	70.9	53.8	39.0
-57.5°	327.4	283.7	246.9	211.2	176.0	143.9	113.2	85.9	65.7	49.9	35.9
-60°	293.2	257.8	224.1	189.3	156.9	127.7	100.2	77.0	60.5	45.6	32.4
-62.5°	262.7	230.3	197.2	165.4	137.0	110.7	86.9	70.0	54.7	40.9	28.7
-65°	228.6	197.9	168.3	142.1	116.9	94.7	78.0	62.5	48.5	35.8	25.2
-67.5°	191.8	167.3	142.3	118.5	99.9	83.6	68.4	54.5	41.8	30.4	23.2
-70°	162.1	139.1	118.7	101.8	86.3	71.8	58.4	46.1	34.8	27.2	20.9
-72.5°	133.7	116.0	99.9	85.5	72.1	59.5	47.9	37.8	30.3	23.8	18.4
-75°	106.5	93.7	81.0	68.6	57.3	47.0	39.3	31.8	25.6	20.2	16.1
-77.5°	85.3	73.9	62.3	53.5	46.5	39.5	32.4	25.6	21.2	17.5	13.9
-80°	65.7	57.7	50.8	44.7	38.3	31.8	26.3	21.6	18.3	14.9	11.6
-82.5°	47.2	43.0	39.3	35.8	30.8	26.2	22.0	18.3	15.3	12.3	9.0
-85°	32.2	30.2	28.3	26.7	23.3	20.3	16.8	13.7	10.8	8.3	6.1
-87.5°	16.5	15.7	14.9	14.0	12.0	10.2	8.5	6.9	5.4	4.2	3.0
-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-SA5E-730-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	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.9	0.0
75°	0.2	0.7	0.1	0.0	0.1	1.1	0.0
72.5°	0.4	1.2	0.9	0.0	0.2	1.3	0.0
70°	0.9	1.8	1.6	0.2	0.3	1.5	0.0
67.5°	2.9	2.5	2.4	0.9	0.5	1.7	0.0
65°	4.7	3.5	3.3	1.8	0.6	1.9	0.0
62.5°	6.4	4.6	4.2	2.6	0.8	2.1	0.0
60°	7.9	5.7	5.1	3.4	1.1	2.3	0.0
57.5°	8.1	6.6	5.7	4.3	1.8	2.5	0.0
55°	8.1	7.5	6.2	5.1	2.4	2.7	0.0
52.5°	8.1	8.1	6.7	6.0	3.1	3.0	0.0
50°	8.1	8.1	7.1	6.9	3.7	3.2	0.0
47.5°	8.1	8.1	7.5	7.7	4.2	3.5	0.0
45°	8.1	8.1	7.8	7.9	4.7	3.7	0.0
42.5°	8.1	8.1	8.0	8.0	5.2	4.0	0.0
40°	8.1	8.1	8.1	8.1	5.7	4.2	0.0
37.5°	8.1	8.1	8.1	8.1	6.1	4.5	0.0
35°	8.1	8.1	8.1	8.1	6.4	4.7	0.0
32.5°	8.3	8.1	8.1	8.1	6.7	5.0	0.0
30°	9.2	8.1	8.1	8.1	7.0	5.3	0.0
27.5°	10.1	8.1	8.1	8.1	7.3	5.5	0.0
25°	11.1	8.1	8.1	8.1	7.5	5.8	0.0
22.5°	12.1	8.3	8.1	8.1	7.6	6.1	0.0
20°	13.1	8.9	8.1	8.1	7.8	6.3	0.0
17.5°	14.6	9.6	8.1	8.1	7.9	6.6	0.0
15°	16.3	10.4	8.1	8.1	8.0	6.8	0.0
12.5°	17.8	11.3	8.1	8.1	8.0	7.1	0.0
10°	19.3	12.3	8.1	8.1	8.1	7.3	0.0
7.5°	20.7	13.3	8.1	8.1	8.1	7.5	0.0
5°	22.0	14.4	8.1	8.1	8.1	7.7	0.0
2.5°	23.3	15.4	8.1	8.1	8.1	7.9	0.0
0°	24.4	16.3	8.1	8.1	8.1	8.1	0.0
-2.5°	26.5	17.2	8.8	8.1	8.1	8.1	0.0
-5°	28.5	17.9	9.5	8.1	8.1	8.1	0.0
-7.5°	30.3	18.6	10.2	8.1	8.1	8.0	0.0
-10°	31.9	19.2	10.8	8.1	8.1	8.0	0.0
-12.5°	33.3	19.8	11.3	8.1	8.1	7.9	0.0
-15°	34.3	20.2	11.8	8.1	8.1	7.8	0.0
-17.5°	35.0	20.6	12.1	8.1	8.1	7.7	0.0
-20°	35.4	20.8	12.4	8.1	8.1	7.6	0.0

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CATALOG NUMBER: GFLD-SA5E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.9	21.0	12.5	8.1	8.1	7.5	0.0
-25°	36.1	21.6	12.4	8.1	8.1	7.3	0.0
-27.5°	36.1	22.1	12.3	8.1	8.1	7.2	0.0
-30°	35.9	22.5	11.9	8.1	8.1	7.0	0.0
-32.5°	35.5	22.7	11.9	8.1	8.1	6.8	0.0
-35°	35.4	22.6	11.8	8.1	8.1	6.6	0.0
-37.5°	35.3	22.4	11.5	8.1	8.1	6.4	0.0
-40°	34.8	21.9	11.0	8.1	8.1	6.2	0.0
-42.5°	34.1	21.3	10.9	8.2	8.1	6.0	0.0
-45°	33.1	20.4	11.2	8.4	8.1	5.7	0.0
-47.5°	31.7	19.3	11.4	8.6	8.1	5.5	0.0
-50°	30.1	18.0	11.5	8.7	8.1	5.2	0.0
-52.5°	28.2	16.6	11.6	8.7	8.1	4.9	0.0
-55°	26.0	16.1	11.5	8.8	8.1	4.6	0.0
-57.5°	23.6	15.7	11.3	8.8	8.1	4.4	0.0
-60°	21.1	15.2	11.1	8.7	8.1	4.0	0.0
-62.5°	20.0	14.6	10.8	8.6	7.5	3.7	0.0
-65°	18.8	13.8	10.4	8.5	6.8	3.4	0.0
-67.5°	17.4	13.0	9.9	8.3	6.2	3.1	0.0
-70°	15.8	12.0	9.4	8.1	5.5	2.8	0.0
-72.5°	14.1	10.9	8.8	7.3	4.9	2.4	0.0
-75°	12.3	9.8	8.2	6.3	4.2	2.1	0.0
-77.5°	10.4	8.5	7.0	5.2	3.5	1.8	0.0
-80°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)