

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: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626773 (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-SA1E-722-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N10
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

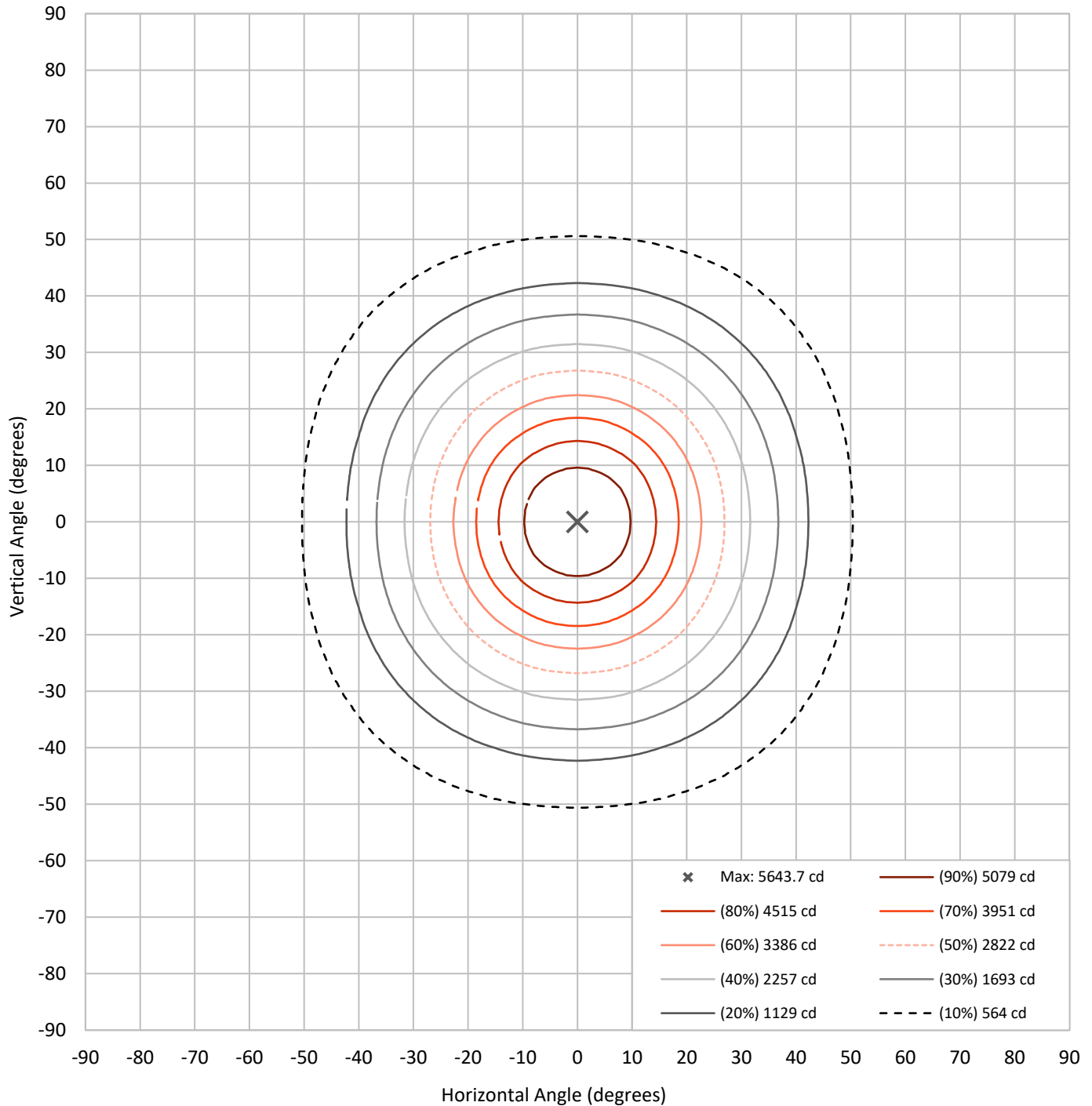
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5744 lumens	Max Intensity:	5643.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2746.4 lumens	Field Lumens:	5069.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	66.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





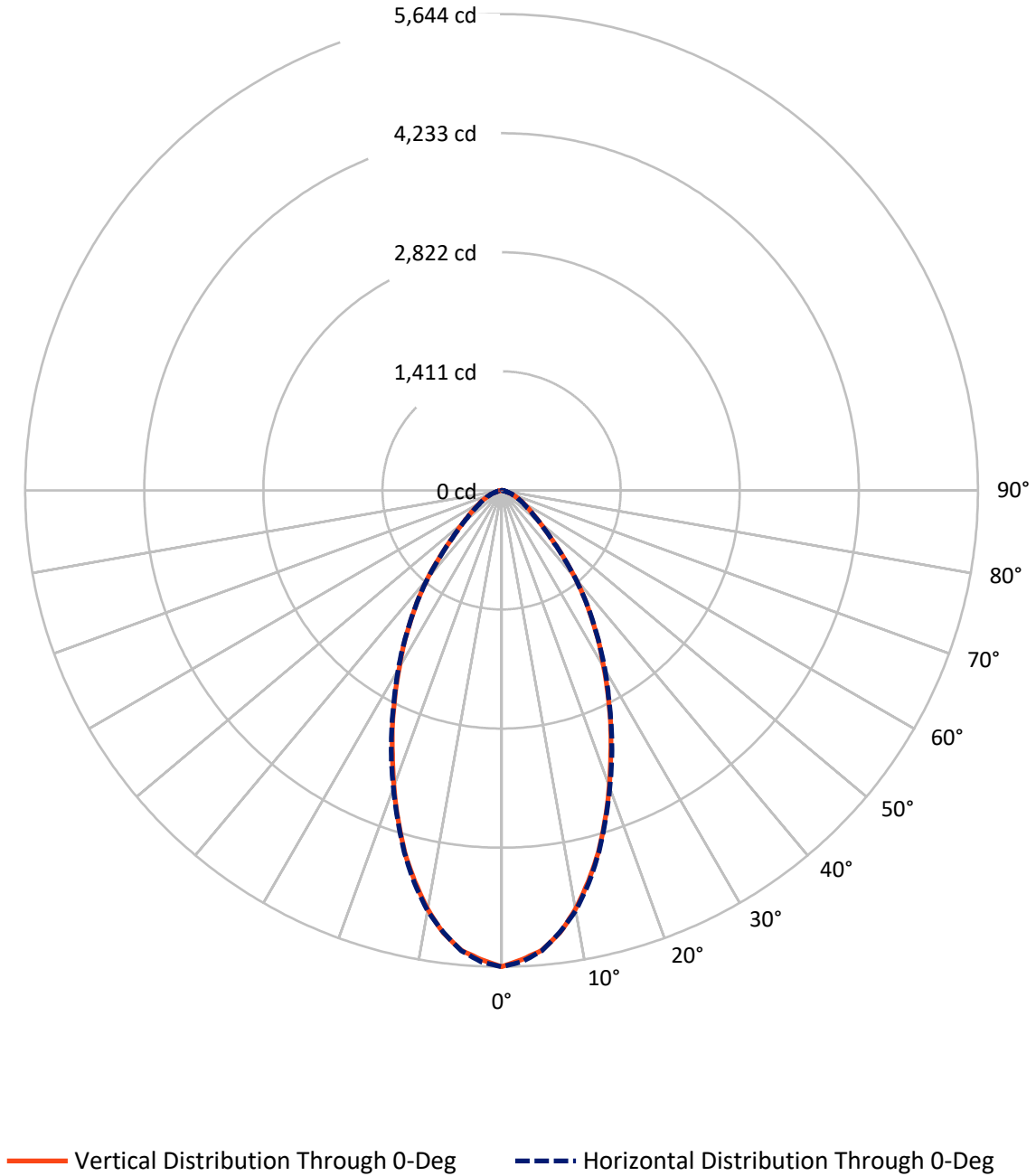
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Lumen Table

90																			
80	0.2	1.6		3.6		6.0		5.1		6.0		3.6		1.6		0.2			
70																			
60	0.7	0.9	1.6	2.6	3.8	5.0	5.8	6.2	6.2	5.8	5.0	3.8	2.6	1.6	0.9	0.7			
50		1.2	2.5	4.3	6.6	9.1	11.3	12.6	12.6	11.3	9.1	6.6	4.3	2.5	1.2				
40	1.1	1.6	3.4	6.4	10.8	16.7	23.0	27.2	27.2	23.0	16.7	10.8	6.4	3.4	1.6	1.1			
30		1.9	4.5	9.4	18.2	32.3	47.0	55.7	55.7	47.0	32.3	18.2	9.4	4.5	1.9				
20	1.3	2.2	5.6	13.1	29.4	52.9	75.7	90.5	90.5	75.7	52.9	29.4	13.1	5.6	2.2	1.3			
10		2.5	6.6	17.0	40.2	71.4	105.5	129.7	129.7	105.5	71.4	40.2	17.0	6.6	2.5				
0	1.4	2.6	7.1	19.5	46.2	83.1	126.4	158.9	158.9	126.4	83.1	46.2	19.5	7.1	2.6	1.4			
-10		2.6	7.1	19.5	46.2	83.1	126.4	158.9	158.9	126.4	83.1	46.2	19.5	7.1	2.6				
-20	1.3	2.5	6.6	17.0	40.2	71.4	105.5	129.7	129.7	105.5	71.4	40.2	17.0	6.6	2.5	1.3			
-30		2.2	5.6	13.1	29.4	52.9	75.7	90.5	90.5	75.7	52.9	29.4	13.1	5.6	2.2				
-40	1.1	1.9	4.5	9.4	18.2	32.3	47.0	55.7	55.7	47.0	32.3	18.2	9.4	4.5	1.9	1.1			
-50		1.6	3.4	6.4	10.8	16.7	23.0	27.2	27.2	23.0	16.7	10.8	6.4	3.4	1.6				
-60	0.7	1.2	2.5	4.3	6.6	9.1	11.3	12.6	12.6	11.3	9.1	6.6	4.3	2.5	1.2	0.7			
-70		0.9	1.6	2.6	3.8	5.0	5.8	6.2	6.2	5.8	5.0	3.8	2.6	1.6	0.9				
-80																			
-90	0.2	1.6		3.6		6.0		5.1		6.0		3.6		1.6		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

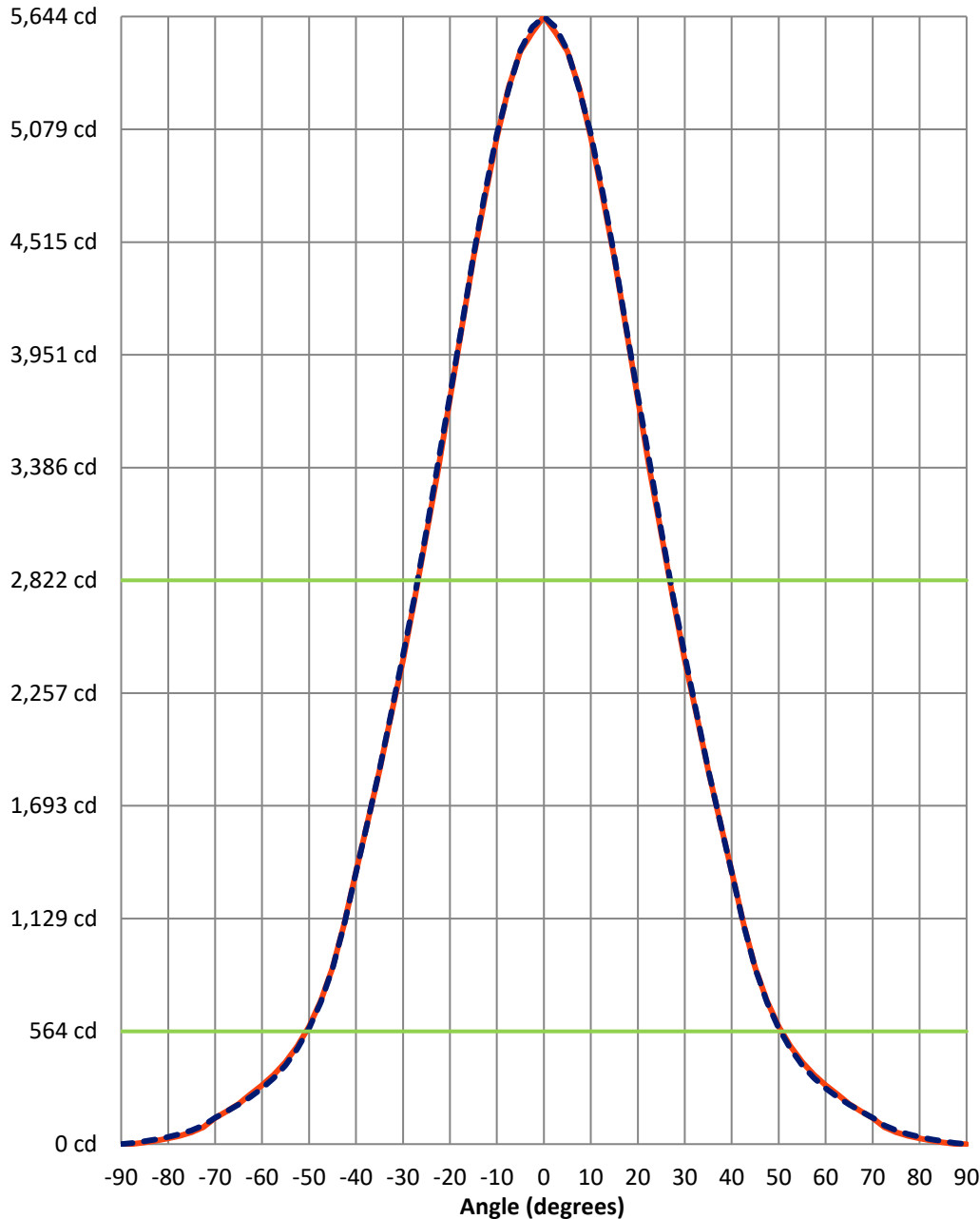
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2746.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 5069.2
 Efficiency: 88.3%

Spill:
 Lumens: 674.7
 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	0.7	1.1	1.6	2.1	2.7	3.0	3.2	3.4	3.6
85°	0.0	0.6	1.3	2.2	3.1	4.2	5.4	6.0	6.4	6.8	7.1
82.5°	0.0	0.9	2.0	3.2	4.7	6.3	8.0	8.9	9.8	11.4	12.8
80°	0.0	1.1	2.6	4.3	6.2	8.3	10.9	13.5	15.8	17.9	19.7
77.5°	0.0	1.4	3.3	5.3	7.7	10.8	15.5	18.9	21.8	24.3	26.9
75°	0.0	1.7	3.9	6.4	9.3	14.1	20.0	24.3	27.7	31.2	35.0
72.5°	0.0	2.0	4.5	7.4	11.5	17.3	24.4	29.6	33.8	38.2	42.9
70°	0.0	2.2	5.1	8.4	13.7	20.4	28.5	34.7	39.7	45.1	51.4
67.5°	0.0	2.5	5.7	9.7	15.7	23.3	32.2	39.6	45.5	52.1	59.7
65°	0.0	2.7	6.3	11.0	17.7	26.1	35.6	44.4	51.2	58.9	67.6
62.5°	0.0	3.0	6.8	12.2	19.5	28.5	38.8	48.9	56.6	65.4	74.9
60°	0.0	3.2	7.3	13.3	21.2	30.9	41.9	53.2	61.8	71.8	82.0
57.5°	0.0	3.5	8.0	14.3	22.8	33.0	44.6	57.1	67.1	77.9	88.6
55°	0.0	3.7	8.6	15.3	24.3	35.0	47.1	60.2	72.3	83.8	94.8
52.5°	0.0	3.9	9.2	16.2	25.7	36.8	49.4	63.6	77.3	89.3	101.0
50°	0.0	4.1	9.7	17.0	26.9	38.5	51.5	66.7	82.1	94.8	107.7
47.5°	0.0	4.3	10.3	17.7	28.0	40.0	53.4	69.6	86.8	100.0	114.3
45°	0.0	4.5	10.8	18.4	29.0	41.4	55.6	72.2	90.2	105.8	120.7
42.5°	0.0	4.6	11.2	19.1	29.8	42.5	57.6	74.7	93.2	111.3	127.3
40°	0.0	4.8	11.7	19.8	30.6	43.5	59.3	77.2	96.3	116.5	133.7
37.5°	0.0	4.9	12.1	20.5	31.2	44.3	60.8	79.4	99.7	120.5	139.8
35°	0.0	5.1	12.5	21.1	31.8	45.2	62.0	81.4	102.9	125.0	146.0
32.5°	0.0	5.2	12.9	21.7	32.2	46.1	63.1	83.2	106.0	129.5	152.3
30°	0.0	5.3	13.2	22.2	32.5	46.8	64.3	84.8	108.9	134.0	158.3
27.5°	0.0	5.4	13.5	22.7	33.2	47.2	65.3	87.0	111.9	138.6	163.9
25°	0.0	5.5	13.7	23.1	33.9	47.5	66.1	88.8	115.3	143.1	169.1
22.5°	0.0	5.5	14.0	23.5	34.5	47.9	66.7	90.5	118.5	147.2	174.9
20°	0.0	5.6	14.1	23.7	35.0	48.7	67.0	91.9	121.5	150.9	180.0
17.5°	0.0	5.6	14.3	24.0	35.4	49.5	67.8	93.0	124.3	154.2	184.5
15°	0.0	5.7	14.4	24.1	35.7	50.0	68.7	94.1	126.8	157.0	188.4
12.5°	0.0	5.7	14.5	24.2	36.0	50.4	69.3	95.0	129.0	159.3	191.6
10°	0.0	5.7	14.5	24.3	36.2	50.7	69.7	95.6	130.6	161.3	194.2
7.5°	0.0	5.7	14.6	24.3	36.2	50.8	69.9	95.7	131.8	162.8	196.2
5°	0.0	5.7	14.5	24.2	36.2	50.8	69.8	95.4	132.4	163.8	197.6
2.5°	0.0	5.6	14.5	24.1	36.1	50.6	69.5	94.7	132.5	164.3	198.2
0°	0.0	5.6	14.4	23.9	35.9	50.3	69.0	93.7	132.0	164.3	198.2
-2.5°	0.0	5.6	14.5	24.1	36.1	50.6	69.5	94.7	132.5	164.3	198.2
-5°	0.0	5.7	14.5	24.2	36.2	50.8	69.8	95.4	132.4	163.8	197.6
-7.5°	0.0	5.7	14.6	24.3	36.2	50.8	69.9	95.7	131.8	162.8	196.2
-10°	0.0	5.7	14.5	24.3	36.2	50.7	69.7	95.6	130.6	161.3	194.2
-12.5°	0.0	5.7	14.5	24.2	36.0	50.4	69.3	95.0	129.0	159.3	191.6
-15°	0.0	5.7	14.4	24.1	35.7	50.0	68.7	94.1	126.8	157.0	188.4
-17.5°	0.0	5.6	14.3	24.0	35.4	49.5	67.8	93.0	124.3	154.2	184.5
-20°	0.0	5.6	14.1	23.7	35.0	48.7	67.0	91.9	121.5	150.9	180.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1E-722-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	5.5	14.0	23.5	34.5	47.9	66.7	90.5	118.5	147.2	174.9
-25°	0.0	5.5	13.7	23.1	33.9	47.5	66.1	88.8	115.3	143.1	169.1
-27.5°	0.0	5.4	13.5	22.7	33.2	47.2	65.3	87.0	111.9	138.6	163.9
-30°	0.0	5.3	13.2	22.2	32.5	46.8	64.3	84.8	108.9	134.0	158.3
-32.5°	0.0	5.2	12.9	21.7	32.2	46.1	63.1	83.2	106.0	129.5	152.3
-35°	0.0	5.1	12.5	21.1	31.8	45.2	62.0	81.4	102.9	125.0	146.0
-37.5°	0.0	4.9	12.1	20.5	31.2	44.3	60.8	79.4	99.7	120.5	139.8
-40°	0.0	4.8	11.7	19.8	30.6	43.5	59.3	77.2	96.3	116.5	133.7
-42.5°	0.0	4.6	11.2	19.1	29.8	42.5	57.6	74.7	93.2	111.3	127.3
-45°	0.0	4.5	10.8	18.4	29.0	41.4	55.6	72.2	90.2	105.8	120.7
-47.5°	0.0	4.3	10.3	17.7	28.0	40.0	53.4	69.6	86.8	100.0	114.3
-50°	0.0	4.1	9.7	17.0	26.9	38.5	51.5	66.7	82.1	94.8	107.7
-52.5°	0.0	3.9	9.2	16.2	25.7	36.8	49.4	63.6	77.3	89.3	101.0
-55°	0.0	3.7	8.6	15.3	24.3	35.0	47.1	60.2	72.3	83.8	94.8
-57.5°	0.0	3.5	8.0	14.3	22.8	33.0	44.6	57.1	67.1	77.9	88.6
-60°	0.0	3.2	7.3	13.3	21.2	30.9	41.9	53.2	61.8	71.8	82.0
-62.5°	0.0	3.0	6.8	12.2	19.5	28.5	38.8	48.9	56.6	65.4	74.9
-65°	0.0	2.7	6.3	11.0	17.7	26.1	35.6	44.4	51.2	58.9	67.6
-67.5°	0.0	2.5	5.7	9.7	15.7	23.3	32.2	39.6	45.5	52.1	59.7
-70°	0.0	2.2	5.1	8.4	13.7	20.4	28.5	34.7	39.7	45.1	51.4
-72.5°	0.0	2.0	4.5	7.4	11.5	17.3	24.4	29.6	33.8	38.2	42.9
-75°	0.0	1.7	3.9	6.4	9.3	14.1	20.0	24.3	27.7	31.2	35.0
-77.5°	0.0	1.4	3.3	5.3	7.7	10.8	15.5	18.9	21.8	24.3	26.9
-80°	0.0	1.1	2.6	4.3	6.2	8.3	10.9	13.5	15.8	17.9	19.7
-82.5°	0.0	0.9	2.0	3.2	4.7	6.3	8.0	8.9	9.8	11.4	12.8
-85°	0.0	0.6	1.3	2.2	3.1	4.2	5.4	6.0	6.4	6.8	7.1
-87.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.2	3.4	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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	3.6	3.5	3.4	3.3	3.1	2.8	2.5	2.7	2.8	2.9
85°	7.2	7.2	7.8	8.3	8.6	8.6	8.5	8.1	9.2	10.4	11.6
82.5°	14.0	15.3	16.4	17.5	17.6	17.3	16.8	16.2	18.3	20.9	23.6
80°	21.5	23.3	25.4	27.3	27.8	27.6	27.0	26.0	28.8	32.8	37.1
77.5°	29.9	32.7	35.4	37.8	38.5	38.4	38.0	37.2	40.8	46.3	52.0
75°	38.7	42.1	45.6	48.6	49.8	49.9	49.8	50.7	55.4	61.8	67.5
72.5°	47.9	52.3	56.1	59.4	61.5	63.1	65.2	67.7	72.5	78.8	84.4
70°	57.6	62.4	66.5	70.2	73.4	76.8	81.2	85.6	90.6	96.9	102.7
67.5°	67.1	72.1	76.7	81.2	87.0	92.5	97.9	103.7	110.0	116.7	122.6
65°	76.0	81.6	87.2	93.8	101.2	107.5	114.3	121.8	130.0	137.5	144.3
62.5°	84.6	90.8	97.8	105.7	113.8	121.7	130.8	140.3	150.0	159.4	168.6
60°	91.7	99.6	108.0	117.0	126.3	137.0	147.6	159.0	170.6	181.9	193.4
57.5°	98.6	108.3	118.1	128.5	140.2	152.4	165.1	177.9	191.8	205.4	218.5
55°	105.8	117.3	128.3	140.7	154.0	168.3	182.8	198.3	213.6	230.8	246.7
52.5°	113.5	126.0	138.9	153.0	168.7	184.8	201.7	219.6	238.6	257.7	277.1
50°	121.0	135.0	149.4	166.3	183.8	202.2	221.8	242.6	264.7	286.8	310.3
47.5°	128.8	143.8	161.4	179.7	199.8	220.8	242.9	267.6	292.2	320.0	346.9
45°	136.5	153.7	172.8	194.2	216.2	239.8	266.2	293.3	324.6	356.1	391.4
42.5°	143.9	163.7	185.3	208.1	233.2	260.4	289.5	323.6	358.9	397.9	439.4
40°	152.4	173.3	197.7	223.2	250.3	281.4	316.4	354.2	397.4	443.5	490.7
37.5°	160.6	184.2	209.8	237.5	269.0	304.0	342.7	389.0	438.8	491.3	555.4
35°	168.4	194.5	222.4	252.6	286.7	327.3	373.6	424.8	482.2	549.9	624.7
32.5°	176.6	204.2	234.2	268.2	306.7	351.0	403.6	464.0	531.9	608.9	702.5
30°	184.9	214.3	245.9	282.7	325.6	376.9	436.7	503.3	581.4	678.1	788.0
27.5°	192.5	223.7	258.3	298.1	344.0	400.7	468.4	546.5	638.6	747.8	876.2
25°	199.6	232.2	269.7	312.8	364.2	426.4	499.8	586.3	695.7	826.0	983.9
22.5°	206.3	240.0	280.1	326.0	382.5	451.3	533.9	632.9	753.9	900.0	1089.4
20°	212.5	248.4	290.3	338.6	398.8	473.8	565.3	676.5	814.0	987.0	1192.9
17.5°	218.1	255.8	300.0	352.3	416.9	496.6	594.8	714.9	867.6	1064.8	1288.4
15°	222.8	262.3	308.4	364.1	433.3	519.4	625.9	757.0	923.5	1135.5	1372.2
12.5°	226.8	267.6	315.4	374.0	447.0	538.6	652.4	794.5	977.9	1202.1	1445.8
10°	229.9	271.9	321.1	382.0	458.1	554.2	674.3	825.2	1023.2	1259.1	1508.1
7.5°	232.6	275.3	325.4	388.1	466.5	566.1	691.3	848.9	1058.6	1304.3	1555.8
5°	234.4	277.7	328.7	392.4	472.7	574.4	703.2	865.5	1083.7	1337.1	1588.5
2.5°	235.5	279.0	330.6	394.6	476.4	579.1	709.4	875.9	1097.6	1355.8	1608.2
0°	235.7	279.2	331.1	394.9	477.5	580.0	710.4	879.1	1100.5	1360.6	1615.4
-2.5°	235.5	279.0	330.6	394.6	476.4	579.1	709.4	875.9	1097.6	1355.8	1608.2
-5°	234.4	277.7	328.7	392.4	472.7	574.4	703.2	865.5	1083.7	1337.1	1588.5
-7.5°	232.6	275.3	325.4	388.1	466.5	566.1	691.3	848.9	1058.6	1304.3	1555.8
-10°	229.9	271.9	321.1	382.0	458.1	554.2	674.3	825.2	1023.2	1259.1	1508.1
-12.5°	226.8	267.6	315.4	374.0	447.0	538.6	652.4	794.5	977.9	1202.1	1445.8
-15°	222.8	262.3	308.4	364.1	433.3	519.4	625.9	757.0	923.5	1135.5	1372.2
-17.5°	218.1	255.8	300.0	352.3	416.9	496.6	594.8	714.9	867.6	1064.8	1288.4
-20°	212.5	248.4	290.3	338.6	398.8	473.8	565.3	676.5	814.0	987.0	1192.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	206.3	240.0	280.1	326.0	382.5	451.3	533.9	632.9	753.9	900.0	1089.4
-25°	199.6	232.2	269.7	312.8	364.2	426.4	499.8	586.3	695.7	826.0	983.9
-27.5°	192.5	223.7	258.3	298.1	344.0	400.7	468.4	546.5	638.6	747.8	876.2
-30°	184.9	214.3	245.9	282.7	325.6	376.9	436.7	503.3	581.4	678.1	788.0
-32.5°	176.6	204.2	234.2	268.2	306.7	351.0	403.6	464.0	531.9	608.9	702.5
-35°	168.4	194.5	222.4	252.6	286.7	327.3	373.6	424.8	482.2	549.9	624.7
-37.5°	160.6	184.2	209.8	237.5	269.0	304.0	342.7	389.0	438.8	491.3	555.4
-40°	152.4	173.3	197.7	223.2	250.3	281.4	316.4	354.2	397.4	443.5	490.7
-42.5°	143.9	163.7	185.3	208.1	233.2	260.4	289.5	323.6	358.9	397.9	439.4
-45°	136.5	153.7	172.8	194.2	216.2	239.8	266.2	293.3	324.6	356.1	391.4
-47.5°	128.8	143.8	161.4	179.7	199.8	220.8	242.9	267.6	292.2	320.0	346.9
-50°	121.0	135.0	149.4	166.3	183.8	202.2	221.8	242.6	264.7	286.8	310.3
-52.5°	113.5	126.0	138.9	153.0	168.7	184.8	201.7	219.6	238.6	257.7	277.1
-55°	105.8	117.3	128.3	140.7	154.0	168.3	182.8	198.3	213.6	230.8	246.7
-57.5°	98.6	108.3	118.1	128.5	140.2	152.4	165.1	177.9	191.8	205.4	218.5
-60°	91.7	99.6	108.0	117.0	126.3	137.0	147.6	159.0	170.6	181.9	193.4
-62.5°	84.6	90.8	97.8	105.7	113.8	121.7	130.8	140.3	150.0	159.4	168.6
-65°	76.0	81.6	87.2	93.8	101.2	107.5	114.3	121.8	130.0	137.5	144.3
-67.5°	67.1	72.1	76.7	81.2	87.0	92.5	97.9	103.7	110.0	116.7	122.6
-70°	57.6	62.4	66.5	70.2	73.4	76.8	81.2	85.6	90.6	96.9	102.7
-72.5°	47.9	52.3	56.1	59.4	61.5	63.1	65.2	67.7	72.5	78.8	84.4
-75°	38.7	42.1	45.6	48.6	49.8	49.9	49.8	50.7	55.4	61.8	67.5
-77.5°	29.9	32.7	35.4	37.8	38.5	38.4	38.0	37.2	40.8	46.3	52.0
-80°	21.5	23.3	25.4	27.3	27.8	27.6	27.0	26.0	28.8	32.8	37.1
-82.5°	14.0	15.3	16.4	17.5	17.6	17.3	16.8	16.2	18.3	20.9	23.6
-85°	7.2	7.2	7.8	8.3	8.6	8.6	8.5	8.1	9.2	10.4	11.6
-87.5°	3.6	3.6	3.5	3.4	3.3	3.1	2.8	2.5	2.7	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: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.9	2.8	2.7	2.5	2.5	2.4	2.4	2.3	2.1	2.0
85°	12.9	13.2	13.4	13.5	13.5	14.0	14.4	14.7	15.1	13.7	12.1
82.5°	26.4	27.6	28.7	29.8	30.9	31.6	32.1	32.5	32.8	29.7	26.2
80°	41.5	44.1	46.3	48.3	50.3	50.8	50.8	50.5	50.0	45.7	40.9
77.5°	57.7	61.1	63.8	66.5	69.2	70.1	70.6	71.0	71.2	66.0	59.5
75°	72.5	76.5	80.3	83.8	87.0	88.8	89.8	90.6	91.2	85.9	79.0
72.5°	89.2	93.5	97.6	101.5	105.0	107.2	108.7	109.9	110.9	107.9	103.5
70°	107.7	112.2	116.5	120.5	124.4	127.5	129.9	131.9	133.7	134.0	133.8
67.5°	128.2	133.5	138.6	143.0	147.6	151.9	155.7	158.9	161.4	163.0	164.0
65°	151.2	159.1	166.1	172.1	177.0	182.8	187.9	191.8	194.5	196.6	198.3
62.5°	178.3	187.9	195.9	203.8	212.0	220.0	224.9	229.9	234.8	239.4	243.4
60°	204.4	214.9	225.7	235.9	245.3	253.9	262.8	270.8	277.7	283.5	287.8
57.5°	232.2	244.9	257.3	270.2	282.3	293.6	304.6	314.8	323.6	331.0	337.1
55°	262.3	278.0	292.7	309.0	324.8	339.3	352.5	366.2	378.4	389.3	397.8
52.5°	294.9	315.2	334.6	353.8	374.3	392.8	409.4	428.3	445.1	458.9	469.7
50°	333.7	357.5	383.2	407.0	432.9	458.4	481.9	504.7	527.0	546.2	561.8
47.5°	377.9	407.2	439.1	470.6	502.8	537.6	568.7	597.6	628.8	655.8	677.5
45°	427.0	464.5	502.9	547.2	588.1	632.9	674.3	711.6	755.7	794.6	825.9
42.5°	481.6	531.4	582.0	637.8	692.0	748.9	809.3	862.8	921.4	977.2	1022.4
40°	549.2	608.8	676.5	744.1	821.8	894.8	982.8	1062.8	1135.4	1202.0	1256.6
37.5°	624.3	701.1	786.2	874.1	980.5	1084.7	1187.7	1284.9	1370.7	1443.6	1504.8
35°	709.5	807.1	910.1	1038.6	1163.2	1288.0	1404.3	1510.6	1604.0	1686.2	1756.1
32.5°	807.6	924.7	1068.9	1213.2	1355.4	1492.8	1620.6	1736.5	1838.9	1931.2	2011.6
30°	910.8	1070.4	1232.3	1390.6	1545.9	1696.5	1836.7	1964.4	2080.0	2182.8	2275.4
27.5°	1041.8	1218.7	1395.3	1566.0	1736.8	1901.6	2053.5	2195.3	2328.0	2444.2	2550.1
25°	1168.5	1364.0	1551.7	1737.8	1923.7	2100.7	2270.5	2430.7	2582.7	2716.1	2834.3
22.5°	1295.2	1499.9	1700.5	1900.6	2100.3	2297.5	2488.2	2671.7	2841.7	2993.6	3126.7
20°	1412.6	1626.6	1841.1	2056.7	2273.2	2489.1	2703.3	2909.8	3099.2	3274.5	3428.5
17.5°	1517.8	1745.4	1972.8	2203.5	2438.2	2672.5	2910.5	3142.0	3358.6	3558.0	3736.6
15°	1611.0	1848.5	2092.7	2341.6	2593.6	2848.2	3107.8	3366.9	3610.6	3837.1	4036.6
12.5°	1692.5	1939.4	2195.3	2459.8	2733.3	3010.7	3294.0	3578.0	3847.8	4109.3	4324.7
10°	1759.7	2016.6	2284.1	2562.1	2850.5	3149.0	3453.0	3758.7	4056.0	4333.4	4579.7
7.5°	1811.6	2078.2	2353.8	2642.9	2945.5	3260.3	3582.3	3906.7	4224.0	4522.9	4795.4
5°	1848.3	2122.9	2402.1	2702.8	3015.9	3342.1	3676.8	4014.8	4346.5	4660.8	4943.3
2.5°	1869.5	2149.8	2430.2	2739.1	3057.7	3391.6	3735.4	4078.9	4419.4	4745.4	5035.6
0°	1875.1	2157.9	2446.3	2743.1	3070.9	3414.8	3746.2	4090.9	4444.7	4766.2	5055.4
-2.5°	1869.5	2149.8	2430.2	2739.1	3057.7	3391.6	3735.4	4078.9	4419.4	4745.4	5035.6
-5°	1848.3	2122.9	2402.1	2702.8	3015.9	3342.1	3676.8	4014.8	4346.5	4660.8	4943.3
-7.5°	1811.6	2078.2	2353.8	2642.9	2945.5	3260.3	3582.3	3906.7	4224.0	4522.9	4795.4
-10°	1759.7	2016.6	2284.1	2562.1	2850.5	3149.0	3453.0	3758.7	4056.0	4333.4	4579.7
-12.5°	1692.5	1939.4	2195.3	2459.8	2733.3	3010.7	3294.0	3578.0	3847.8	4109.3	4324.7
-15°	1611.0	1848.5	2092.7	2341.6	2593.6	2848.2	3107.8	3366.9	3610.6	3837.1	4036.6
-17.5°	1517.8	1745.4	1972.8	2203.5	2438.2	2672.5	2910.5	3142.0	3358.6	3558.0	3736.6
-20°	1412.6	1626.6	1841.1	2056.7	2273.2	2489.1	2703.3	2909.8	3099.2	3274.5	3428.5



REPORT NUMBER: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1295.2	1499.9	1700.5	1900.6	2100.3	2297.5	2488.2	2671.7	2841.7	2993.6	3126.7
-25°	1168.5	1364.0	1551.7	1737.8	1923.7	2100.7	2270.5	2430.7	2582.7	2716.1	2834.3
-27.5°	1041.8	1218.7	1395.3	1566.0	1736.8	1901.6	2053.5	2195.3	2328.0	2444.2	2550.1
-30°	910.8	1070.4	1232.3	1390.6	1545.9	1696.5	1836.7	1964.4	2080.0	2182.8	2275.4
-32.5°	807.6	924.7	1068.9	1213.2	1355.4	1492.8	1620.6	1736.5	1838.9	1931.2	2011.6
-35°	709.5	807.1	910.1	1038.6	1163.2	1288.0	1404.3	1510.6	1604.0	1686.2	1756.1
-37.5°	624.3	701.1	786.2	874.1	980.5	1084.7	1187.7	1284.9	1370.7	1443.6	1504.8
-40°	549.2	608.8	676.5	744.1	821.8	894.8	982.8	1062.8	1135.4	1202.0	1256.6
-42.5°	481.6	531.4	582.0	637.8	692.0	748.9	809.3	862.8	921.4	977.2	1022.4
-45°	427.0	464.5	502.9	547.2	588.1	632.9	674.3	711.6	755.7	794.6	825.9
-47.5°	377.9	407.2	439.1	470.6	502.8	537.6	568.7	597.6	628.8	655.8	677.5
-50°	333.7	357.5	383.2	407.0	432.9	458.4	481.9	504.7	527.0	546.2	561.8
-52.5°	294.9	315.2	334.6	353.8	374.3	392.8	409.4	428.3	445.1	458.9	469.7
-55°	262.3	278.0	292.7	309.0	324.8	339.3	352.5	366.2	378.4	389.3	397.8
-57.5°	232.2	244.9	257.3	270.2	282.3	293.6	304.6	314.8	323.6	331.0	337.1
-60°	204.4	214.9	225.7	235.9	245.3	253.9	262.8	270.8	277.7	283.5	287.8
-62.5°	178.3	187.9	195.9	203.8	212.0	220.0	224.9	229.9	234.8	239.4	243.4
-65°	151.2	159.1	166.1	172.1	177.0	182.8	187.9	191.8	194.5	196.6	198.3
-67.5°	128.2	133.5	138.6	143.0	147.6	151.9	155.7	158.9	161.4	163.0	164.0
-70°	107.7	112.2	116.5	120.5	124.4	127.5	129.9	131.9	133.7	134.0	133.8
-72.5°	89.2	93.5	97.6	101.5	105.0	107.2	108.7	109.9	110.9	107.9	103.5
-75°	72.5	76.5	80.3	83.8	87.0	88.8	89.8	90.6	91.2	85.9	79.0
-77.5°	57.7	61.1	63.8	66.5	69.2	70.1	70.6	71.0	71.2	66.0	59.5
-80°	41.5	44.1	46.3	48.3	50.3	50.8	50.8	50.5	50.0	45.7	40.9
-82.5°	26.4	27.6	28.7	29.8	30.9	31.6	32.1	32.5	32.8	29.7	26.2
-85°	12.9	13.2	13.4	13.5	13.5	14.0	14.4	14.7	15.1	13.7	12.1
-87.5°	2.9	2.9	2.8	2.7	2.5	2.5	2.4	2.4	2.3	2.1	2.0
-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: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.6	1.4	1.2	1.4	1.6	1.8	2.0	2.1	2.3	2.4
85°	10.5	8.8	8.6	8.4	8.6	8.8	10.5	12.1	13.7	15.1	14.7
82.5°	22.5	18.7	18.1	17.6	18.1	18.7	22.5	26.2	29.7	32.8	32.5
80°	35.9	30.7	29.7	28.7	29.7	30.7	35.9	40.9	45.7	50.0	50.5
77.5°	52.7	45.6	43.5	41.5	43.5	45.6	52.7	59.5	66.0	71.2	71.0
75°	71.8	64.3	61.8	59.4	61.8	64.3	71.8	79.0	85.9	91.2	90.6
72.5°	99.1	94.6	90.0	85.0	90.0	94.6	99.1	103.5	107.9	110.9	109.9
70°	133.7	133.4	132.2	130.4	132.2	133.4	133.7	133.8	134.0	133.7	131.9
67.5°	164.4	164.2	164.6	164.7	164.6	164.2	164.4	164.0	163.0	161.4	158.9
65°	199.4	199.8	200.6	201.0	200.6	199.8	199.4	198.3	196.6	194.5	191.8
62.5°	246.4	248.4	249.4	249.3	249.4	248.4	246.4	243.4	239.4	234.8	229.9
60°	291.0	293.1	294.5	294.8	294.5	293.1	291.0	287.8	283.5	277.7	270.8
57.5°	341.8	345.3	347.1	347.4	347.1	345.3	341.8	337.1	331.0	323.6	314.8
55°	404.4	409.0	411.0	410.8	411.0	409.0	404.4	397.8	389.3	378.4	366.2
52.5°	477.9	483.5	487.7	490.2	487.7	483.5	477.9	469.7	458.9	445.1	428.3
50°	573.5	581.5	586.6	588.7	586.6	581.5	573.5	561.8	546.2	527.0	504.7
47.5°	693.2	703.8	711.7	717.2	711.7	703.8	693.2	677.5	655.8	628.8	597.6
45°	849.1	865.3	876.3	882.7	876.3	865.3	849.1	825.9	794.6	755.7	711.6
42.5°	1057.6	1082.8	1098.2	1104.1	1098.2	1082.8	1057.6	1022.4	977.2	921.4	862.8
40°	1299.6	1329.9	1349.7	1363.4	1349.7	1329.9	1299.6	1256.6	1202.0	1135.4	1062.8
37.5°	1551.7	1583.5	1602.8	1615.8	1602.8	1583.5	1551.7	1504.8	1443.6	1370.7	1284.9
35°	1808.9	1842.1	1860.2	1870.3	1860.2	1842.1	1808.9	1756.1	1686.2	1604.0	1510.6
32.5°	2072.9	2109.5	2129.2	2149.5	2129.2	2109.5	2072.9	2011.6	1931.2	1838.9	1736.5
30°	2348.6	2390.6	2411.3	2421.2	2411.3	2390.6	2348.6	2275.4	2182.8	2080.0	1964.4
27.5°	2635.6	2687.9	2713.7	2730.7	2713.7	2687.9	2635.6	2550.1	2444.2	2328.0	2195.3
25°	2934.2	2999.0	3028.5	3055.0	3028.5	2999.0	2934.2	2834.3	2716.1	2582.7	2430.7
22.5°	3243.9	3324.7	3358.9	3377.7	3358.9	3324.7	3243.9	3126.7	2993.6	2841.7	2671.7
20°	3561.7	3658.3	3705.8	3730.3	3705.8	3658.3	3561.7	3428.5	3274.5	3099.2	2909.8
17.5°	3886.7	4006.8	4068.4	4082.5	4068.4	4006.8	3886.7	3736.6	3558.0	3358.6	3142.0
15°	4205.8	4335.7	4408.5	4435.1	4408.5	4335.7	4205.8	4036.6	3837.1	3610.6	3366.9
12.5°	4508.0	4642.7	4729.6	4745.0	4729.6	4642.7	4508.0	4324.7	4109.3	3847.8	3578.0
10°	4782.0	4921.5	5017.6	5039.4	5017.6	4921.5	4782.0	4579.7	4333.4	4056.0	3758.7
7.5°	5011.2	5164.2	5270.2	5288.7	5270.2	5164.2	5011.2	4795.4	4522.9	4224.0	3906.7
5°	5178.8	5360.5	5447.5	5469.4	5447.5	5360.5	5178.8	4943.3	4660.8	4346.5	4014.8
2.5°	5270.7	5455.7	5576.7	5562.7	5576.7	5455.7	5270.7	5035.6	4745.4	4419.4	4078.9
0°	5281.1	5474.6	5590.2	5643.7	5590.2	5474.6	5281.1	5055.4	4766.2	4444.7	4090.9
-2.5°	5270.7	5455.7	5576.7	5562.7	5576.7	5455.7	5270.7	5035.6	4745.4	4419.4	4078.9
-5°	5178.8	5360.5	5447.5	5469.4	5447.5	5360.5	5178.8	4943.3	4660.8	4346.5	4014.8
-7.5°	5011.2	5164.2	5270.2	5288.7	5270.2	5164.2	5011.2	4795.4	4522.9	4224.0	3906.7
-10°	4782.0	4921.5	5017.6	5039.4	5017.6	4921.5	4782.0	4579.7	4333.4	4056.0	3758.7
-12.5°	4508.0	4642.7	4729.6	4745.0	4729.6	4642.7	4508.0	4324.7	4109.3	3847.8	3578.0
-15°	4205.8	4335.7	4408.5	4435.1	4408.5	4335.7	4205.8	4036.6	3837.1	3610.6	3366.9
-17.5°	3886.7	4006.8	4068.4	4082.5	4068.4	4006.8	3886.7	3736.6	3558.0	3358.6	3142.0
-20°	3561.7	3658.3	3705.8	3730.3	3705.8	3658.3	3561.7	3428.5	3274.5	3099.2	2909.8



REPORT NUMBER: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-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°	3243.9	3324.7	3358.9	3377.7	3358.9	3324.7	3243.9	3126.7	2993.6	2841.7	2671.7
-25°	2934.2	2999.0	3028.5	3055.0	3028.5	2999.0	2934.2	2834.3	2716.1	2582.7	2430.7
-27.5°	2635.6	2687.9	2713.7	2730.7	2713.7	2687.9	2635.6	2550.1	2444.2	2328.0	2195.3
-30°	2348.6	2390.6	2411.3	2421.2	2411.3	2390.6	2348.6	2275.4	2182.8	2080.0	1964.4
-32.5°	2072.9	2109.5	2129.2	2149.5	2129.2	2109.5	2072.9	2011.6	1931.2	1838.9	1736.5
-35°	1808.9	1842.1	1860.2	1870.3	1860.2	1842.1	1808.9	1756.1	1686.2	1604.0	1510.6
-37.5°	1551.7	1583.5	1602.8	1615.8	1602.8	1583.5	1551.7	1504.8	1443.6	1370.7	1284.9
-40°	1299.6	1329.9	1349.7	1363.4	1349.7	1329.9	1299.6	1256.6	1202.0	1135.4	1062.8
-42.5°	1057.6	1082.8	1098.2	1104.1	1098.2	1082.8	1057.6	1022.4	977.2	921.4	862.8
-45°	849.1	865.3	876.3	882.7	876.3	865.3	849.1	825.9	794.6	755.7	711.6
-47.5°	693.2	703.8	711.7	717.2	711.7	703.8	693.2	677.5	655.8	628.8	597.6
-50°	573.5	581.5	586.6	588.7	586.6	581.5	573.5	561.8	546.2	527.0	504.7
-52.5°	477.9	483.5	487.7	490.2	487.7	483.5	477.9	469.7	458.9	445.1	428.3
-55°	404.4	409.0	411.0	410.8	411.0	409.0	404.4	397.8	389.3	378.4	366.2
-57.5°	341.8	345.3	347.1	347.4	347.1	345.3	341.8	337.1	331.0	323.6	314.8
-60°	291.0	293.1	294.5	294.8	294.5	293.1	291.0	287.8	283.5	277.7	270.8
-62.5°	246.4	248.4	249.4	249.3	249.4	248.4	246.4	243.4	239.4	234.8	229.9
-65°	199.4	199.8	200.6	201.0	200.6	199.8	199.4	198.3	196.6	194.5	191.8
-67.5°	164.4	164.2	164.6	164.7	164.6	164.2	164.4	164.0	163.0	161.4	158.9
-70°	133.7	133.4	132.2	130.4	132.2	133.4	133.7	133.8	134.0	133.7	131.9
-72.5°	99.1	94.6	90.0	85.0	90.0	94.6	99.1	103.5	107.9	110.9	109.9
-75°	71.8	64.3	61.8	59.4	61.8	64.3	71.8	79.0	85.9	91.2	90.6
-77.5°	52.7	45.6	43.5	41.5	43.5	45.6	52.7	59.5	66.0	71.2	71.0
-80°	35.9	30.7	29.7	28.7	29.7	30.7	35.9	40.9	45.7	50.0	50.5
-82.5°	22.5	18.7	18.1	17.6	18.1	18.7	22.5	26.2	29.7	32.8	32.5
-85°	10.5	8.8	8.6	8.4	8.6	8.8	10.5	12.1	13.7	15.1	14.7
-87.5°	1.8	1.6	1.4	1.2	1.4	1.6	1.8	2.0	2.1	2.3	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: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.5	2.5	2.7	2.8	2.9	2.9	2.9	2.8	2.7	2.5
85°	14.4	14.0	13.5	13.5	13.4	13.2	12.9	11.6	10.4	9.2	8.1
82.5°	32.1	31.6	30.9	29.8	28.7	27.6	26.4	23.6	20.9	18.3	16.2
80°	50.8	50.8	50.3	48.3	46.3	44.1	41.5	37.1	32.8	28.8	26.0
77.5°	70.6	70.1	69.2	66.5	63.8	61.1	57.7	52.0	46.3	40.8	37.2
75°	89.8	88.8	87.0	83.8	80.3	76.5	72.5	67.5	61.8	55.4	50.7
72.5°	108.7	107.2	105.0	101.5	97.6	93.5	89.2	84.4	78.8	72.5	67.7
70°	129.9	127.5	124.4	120.5	116.5	112.2	107.7	102.7	96.9	90.6	85.6
67.5°	155.7	151.9	147.6	143.0	138.6	133.5	128.2	122.6	116.7	110.0	103.7
65°	187.9	182.8	177.0	172.1	166.1	159.1	151.2	144.3	137.5	130.0	121.8
62.5°	224.9	220.0	212.0	203.8	195.9	187.9	178.3	168.6	159.4	150.0	140.3
60°	262.8	253.9	245.3	235.9	225.7	214.9	204.4	193.4	181.9	170.6	159.0
57.5°	304.6	293.6	282.3	270.2	257.3	244.9	232.2	218.5	205.4	191.8	177.9
55°	352.5	339.3	324.8	309.0	292.7	278.0	262.3	246.7	230.8	213.6	198.3
52.5°	409.4	392.8	374.3	353.8	334.6	315.2	294.9	277.1	257.7	238.6	219.6
50°	481.9	458.4	432.9	407.0	383.2	357.5	333.7	310.3	286.8	264.7	242.6
47.5°	568.7	537.6	502.8	470.6	439.1	407.2	377.9	346.9	320.0	292.2	267.6
45°	674.3	632.9	588.1	547.2	502.9	464.5	427.0	391.4	356.1	324.6	293.3
42.5°	809.3	748.9	692.0	637.8	582.0	531.4	481.6	439.4	397.9	358.9	323.6
40°	982.8	894.8	821.8	744.1	676.5	608.8	549.2	490.7	443.5	397.4	354.2
37.5°	1187.7	1084.7	980.5	874.1	786.2	701.1	624.3	555.4	491.3	438.8	389.0
35°	1404.3	1288.0	1163.2	1038.6	910.1	807.1	709.5	624.7	549.9	482.2	424.8
32.5°	1620.6	1492.8	1355.4	1213.2	1068.9	924.7	807.6	702.5	608.9	531.9	464.0
30°	1836.7	1696.5	1545.9	1390.6	1232.3	1070.4	910.8	788.0	678.1	581.4	503.3
27.5°	2053.5	1901.6	1736.8	1566.0	1395.3	1218.7	1041.8	876.2	747.8	638.6	546.5
25°	2270.5	2100.7	1923.7	1737.8	1551.7	1364.0	1168.5	983.9	826.0	695.7	586.3
22.5°	2488.2	2297.5	2100.3	1900.6	1700.5	1499.9	1295.2	1089.4	900.0	753.9	632.9
20°	2703.3	2489.1	2273.2	2056.7	1841.1	1626.6	1412.6	1192.9	987.0	814.0	676.5
17.5°	2910.5	2672.5	2438.2	2203.5	1972.8	1745.4	1517.8	1288.4	1064.8	867.6	714.9
15°	3107.8	2848.2	2593.6	2341.6	2092.7	1848.5	1611.0	1372.2	1135.5	923.5	757.0
12.5°	3294.0	3010.7	2733.3	2459.8	2195.3	1939.4	1692.5	1445.8	1202.1	977.9	794.5
10°	3453.0	3149.0	2850.5	2562.1	2284.1	2016.6	1759.7	1508.1	1259.1	1023.2	825.2
7.5°	3582.3	3260.3	2945.5	2642.9	2353.8	2078.2	1811.6	1555.8	1304.3	1058.6	848.9
5°	3676.8	3342.1	3015.9	2702.8	2402.1	2122.9	1848.3	1588.5	1337.1	1083.7	865.5
2.5°	3735.4	3391.6	3057.7	2739.1	2430.2	2149.8	1869.5	1608.2	1355.8	1097.6	875.9
0°	3746.2	3414.8	3070.9	2743.1	2446.3	2157.9	1875.1	1615.4	1360.6	1100.5	879.1
-2.5°	3735.4	3391.6	3057.7	2739.1	2430.2	2149.8	1869.5	1608.2	1355.8	1097.6	875.9
-5°	3676.8	3342.1	3015.9	2702.8	2402.1	2122.9	1848.3	1588.5	1337.1	1083.7	865.5
-7.5°	3582.3	3260.3	2945.5	2642.9	2353.8	2078.2	1811.6	1555.8	1304.3	1058.6	848.9
-10°	3453.0	3149.0	2850.5	2562.1	2284.1	2016.6	1759.7	1508.1	1259.1	1023.2	825.2
-12.5°	3294.0	3010.7	2733.3	2459.8	2195.3	1939.4	1692.5	1445.8	1202.1	977.9	794.5
-15°	3107.8	2848.2	2593.6	2341.6	2092.7	1848.5	1611.0	1372.2	1135.5	923.5	757.0
-17.5°	2910.5	2672.5	2438.2	2203.5	1972.8	1745.4	1517.8	1288.4	1064.8	867.6	714.9
-20°	2703.3	2489.1	2273.2	2056.7	1841.1	1626.6	1412.6	1192.9	987.0	814.0	676.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2488.2	2297.5	2100.3	1900.6	1700.5	1499.9	1295.2	1089.4	900.0	753.9	632.9
-25°	2270.5	2100.7	1923.7	1737.8	1551.7	1364.0	1168.5	983.9	826.0	695.7	586.3
-27.5°	2053.5	1901.6	1736.8	1566.0	1395.3	1218.7	1041.8	876.2	747.8	638.6	546.5
-30°	1836.7	1696.5	1545.9	1390.6	1232.3	1070.4	910.8	788.0	678.1	581.4	503.3
-32.5°	1620.6	1492.8	1355.4	1213.2	1068.9	924.7	807.6	702.5	608.9	531.9	464.0
-35°	1404.3	1288.0	1163.2	1038.6	910.1	807.1	709.5	624.7	549.9	482.2	424.8
-37.5°	1187.7	1084.7	980.5	874.1	786.2	701.1	624.3	555.4	491.3	438.8	389.0
-40°	982.8	894.8	821.8	744.1	676.5	608.8	549.2	490.7	443.5	397.4	354.2
-42.5°	809.3	748.9	692.0	637.8	582.0	531.4	481.6	439.4	397.9	358.9	323.6
-45°	674.3	632.9	588.1	547.2	502.9	464.5	427.0	391.4	356.1	324.6	293.3
-47.5°	568.7	537.6	502.8	470.6	439.1	407.2	377.9	346.9	320.0	292.2	267.6
-50°	481.9	458.4	432.9	407.0	383.2	357.5	333.7	310.3	286.8	264.7	242.6
-52.5°	409.4	392.8	374.3	353.8	334.6	315.2	294.9	277.1	257.7	238.6	219.6
-55°	352.5	339.3	324.8	309.0	292.7	278.0	262.3	246.7	230.8	213.6	198.3
-57.5°	304.6	293.6	282.3	270.2	257.3	244.9	232.2	218.5	205.4	191.8	177.9
-60°	262.8	253.9	245.3	235.9	225.7	214.9	204.4	193.4	181.9	170.6	159.0
-62.5°	224.9	220.0	212.0	203.8	195.9	187.9	178.3	168.6	159.4	150.0	140.3
-65°	187.9	182.8	177.0	172.1	166.1	159.1	151.2	144.3	137.5	130.0	121.8
-67.5°	155.7	151.9	147.6	143.0	138.6	133.5	128.2	122.6	116.7	110.0	103.7
-70°	129.9	127.5	124.4	120.5	116.5	112.2	107.7	102.7	96.9	90.6	85.6
-72.5°	108.7	107.2	105.0	101.5	97.6	93.5	89.2	84.4	78.8	72.5	67.7
-75°	89.8	88.8	87.0	83.8	80.3	76.5	72.5	67.5	61.8	55.4	50.7
-77.5°	70.6	70.1	69.2	66.5	63.8	61.1	57.7	52.0	46.3	40.8	37.2
-80°	50.8	50.8	50.3	48.3	46.3	44.1	41.5	37.1	32.8	28.8	26.0
-82.5°	32.1	31.6	30.9	29.8	28.7	27.6	26.4	23.6	20.9	18.3	16.2
-85°	14.4	14.0	13.5	13.5	13.4	13.2	12.9	11.6	10.4	9.2	8.1
-87.5°	2.4	2.5	2.5	2.7	2.8	2.9	2.9	2.9	2.8	2.7	2.5
-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: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	3.1	3.3	3.4	3.5	3.6	3.6	3.6	3.4	3.2	3.0
85°	8.5	8.6	8.6	8.3	7.8	7.2	7.2	7.1	6.8	6.4	6.0
82.5°	16.8	17.3	17.6	17.5	16.4	15.3	14.0	12.8	11.4	9.8	8.9
80°	27.0	27.6	27.8	27.3	25.4	23.3	21.5	19.7	17.9	15.8	13.5
77.5°	38.0	38.4	38.5	37.8	35.4	32.7	29.9	26.9	24.3	21.8	18.9
75°	49.8	49.9	49.8	48.6	45.6	42.1	38.7	35.0	31.2	27.7	24.3
72.5°	65.2	63.1	61.5	59.4	56.1	52.3	47.9	42.9	38.2	33.8	29.6
70°	81.2	76.8	73.4	70.2	66.5	62.4	57.6	51.4	45.1	39.7	34.7
67.5°	97.9	92.5	87.0	81.2	76.7	72.1	67.1	59.7	52.1	45.5	39.6
65°	114.3	107.5	101.2	93.8	87.2	81.6	76.0	67.6	58.9	51.2	44.4
62.5°	130.8	121.7	113.8	105.7	97.8	90.8	84.6	74.9	65.4	56.6	48.9
60°	147.6	137.0	126.3	117.0	108.0	99.6	91.7	82.0	71.8	61.8	53.2
57.5°	165.1	152.4	140.2	128.5	118.1	108.3	98.6	88.6	77.9	67.1	57.1
55°	182.8	168.3	154.0	140.7	128.3	117.3	105.8	94.8	83.8	72.3	60.2
52.5°	201.7	184.8	168.7	153.0	138.9	126.0	113.5	101.0	89.3	77.3	63.6
50°	221.8	202.2	183.8	166.3	149.4	135.0	121.0	107.7	94.8	82.1	66.7
47.5°	242.9	220.8	199.8	179.7	161.4	143.8	128.8	114.3	100.0	86.8	69.6
45°	266.2	239.8	216.2	194.2	172.8	153.7	136.5	120.7	105.8	90.2	72.2
42.5°	289.5	260.4	233.2	208.1	185.3	163.7	143.9	127.3	111.3	93.2	74.7
40°	316.4	281.4	250.3	223.2	197.7	173.3	152.4	133.7	116.5	96.3	77.2
37.5°	342.7	304.0	269.0	237.5	209.8	184.2	160.6	139.8	120.5	99.7	79.4
35°	373.6	327.3	286.7	252.6	222.4	194.5	168.4	146.0	125.0	102.9	81.4
32.5°	403.6	351.0	306.7	268.2	234.2	204.2	176.6	152.3	129.5	106.0	83.2
30°	436.7	376.9	325.6	282.7	245.9	214.3	184.9	158.3	134.0	108.9	84.8
27.5°	468.4	400.7	344.0	298.1	258.3	223.7	192.5	163.9	138.6	111.9	87.0
25°	499.8	426.4	364.2	312.8	269.7	232.2	199.6	169.1	143.1	115.3	88.8
22.5°	533.9	451.3	382.5	326.0	280.1	240.0	206.3	174.9	147.2	118.5	90.5
20°	565.3	473.8	398.8	338.6	290.3	248.4	212.5	180.0	150.9	121.5	91.9
17.5°	594.8	496.6	416.9	352.3	300.0	255.8	218.1	184.5	154.2	124.3	93.0
15°	625.9	519.4	433.3	364.1	308.4	262.3	222.8	188.4	157.0	126.8	94.1
12.5°	652.4	538.6	447.0	374.0	315.4	267.6	226.8	191.6	159.3	129.0	95.0
10°	674.3	554.2	458.1	382.0	321.1	271.9	229.9	194.2	161.3	130.6	95.6
7.5°	691.3	566.1	466.5	388.1	325.4	275.3	232.6	196.2	162.8	131.8	95.7
5°	703.2	574.4	472.7	392.4	328.7	277.7	234.4	197.6	163.8	132.4	95.4
2.5°	709.4	579.1	476.4	394.6	330.6	279.0	235.5	198.2	164.3	132.5	94.7
0°	710.4	580.0	477.5	394.9	331.1	279.2	235.7	198.2	164.3	132.0	93.7
-2.5°	709.4	579.1	476.4	394.6	330.6	279.0	235.5	198.2	164.3	132.5	94.7
-5°	703.2	574.4	472.7	392.4	328.7	277.7	234.4	197.6	163.8	132.4	95.4
-7.5°	691.3	566.1	466.5	388.1	325.4	275.3	232.6	196.2	162.8	131.8	95.7
-10°	674.3	554.2	458.1	382.0	321.1	271.9	229.9	194.2	161.3	130.6	95.6
-12.5°	652.4	538.6	447.0	374.0	315.4	267.6	226.8	191.6	159.3	129.0	95.0
-15°	625.9	519.4	433.3	364.1	308.4	262.3	222.8	188.4	157.0	126.8	94.1
-17.5°	594.8	496.6	416.9	352.3	300.0	255.8	218.1	184.5	154.2	124.3	93.0
-20°	565.3	473.8	398.8	338.6	290.3	248.4	212.5	180.0	150.9	121.5	91.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	533.9	451.3	382.5	326.0	280.1	240.0	206.3	174.9	147.2	118.5	90.5
-25°	499.8	426.4	364.2	312.8	269.7	232.2	199.6	169.1	143.1	115.3	88.8
-27.5°	468.4	400.7	344.0	298.1	258.3	223.7	192.5	163.9	138.6	111.9	87.0
-30°	436.7	376.9	325.6	282.7	245.9	214.3	184.9	158.3	134.0	108.9	84.8
-32.5°	403.6	351.0	306.7	268.2	234.2	204.2	176.6	152.3	129.5	106.0	83.2
-35°	373.6	327.3	286.7	252.6	222.4	194.5	168.4	146.0	125.0	102.9	81.4
-37.5°	342.7	304.0	269.0	237.5	209.8	184.2	160.6	139.8	120.5	99.7	79.4
-40°	316.4	281.4	250.3	223.2	197.7	173.3	152.4	133.7	116.5	96.3	77.2
-42.5°	289.5	260.4	233.2	208.1	185.3	163.7	143.9	127.3	111.3	93.2	74.7
-45°	266.2	239.8	216.2	194.2	172.8	153.7	136.5	120.7	105.8	90.2	72.2
-47.5°	242.9	220.8	199.8	179.7	161.4	143.8	128.8	114.3	100.0	86.8	69.6
-50°	221.8	202.2	183.8	166.3	149.4	135.0	121.0	107.7	94.8	82.1	66.7
-52.5°	201.7	184.8	168.7	153.0	138.9	126.0	113.5	101.0	89.3	77.3	63.6
-55°	182.8	168.3	154.0	140.7	128.3	117.3	105.8	94.8	83.8	72.3	60.2
-57.5°	165.1	152.4	140.2	128.5	118.1	108.3	98.6	88.6	77.9	67.1	57.1
-60°	147.6	137.0	126.3	117.0	108.0	99.6	91.7	82.0	71.8	61.8	53.2
-62.5°	130.8	121.7	113.8	105.7	97.8	90.8	84.6	74.9	65.4	56.6	48.9
-65°	114.3	107.5	101.2	93.8	87.2	81.6	76.0	67.6	58.9	51.2	44.4
-67.5°	97.9	92.5	87.0	81.2	76.7	72.1	67.1	59.7	52.1	45.5	39.6
-70°	81.2	76.8	73.4	70.2	66.5	62.4	57.6	51.4	45.1	39.7	34.7
-72.5°	65.2	63.1	61.5	59.4	56.1	52.3	47.9	42.9	38.2	33.8	29.6
-75°	49.8	49.9	49.8	48.6	45.6	42.1	38.7	35.0	31.2	27.7	24.3
-77.5°	38.0	38.4	38.5	37.8	35.4	32.7	29.9	26.9	24.3	21.8	18.9
-80°	27.0	27.6	27.8	27.3	25.4	23.3	21.5	19.7	17.9	15.8	13.5
-82.5°	16.8	17.3	17.6	17.5	16.4	15.3	14.0	12.8	11.4	9.8	8.9
-85°	8.5	8.6	8.6	8.3	7.8	7.2	7.2	7.1	6.8	6.4	6.0
-87.5°	2.8	3.1	3.3	3.4	3.5	3.6	3.6	3.6	3.4	3.2	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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REPORT NUMBER: P626773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
85°	5.4	4.2	3.1	2.2	1.3	0.6	0.0
82.5°	8.0	6.3	4.7	3.2	2.0	0.9	0.0
80°	10.9	8.3	6.2	4.3	2.6	1.1	0.0
77.5°	15.5	10.8	7.7	5.3	3.3	1.4	0.0
75°	20.0	14.1	9.3	6.4	3.9	1.7	0.0
72.5°	24.4	17.3	11.5	7.4	4.5	2.0	0.0
70°	28.5	20.4	13.7	8.4	5.1	2.2	0.0
67.5°	32.2	23.3	15.7	9.7	5.7	2.5	0.0
65°	35.6	26.1	17.7	11.0	6.3	2.7	0.0
62.5°	38.8	28.5	19.5	12.2	6.8	3.0	0.0
60°	41.9	30.9	21.2	13.3	7.3	3.2	0.0
57.5°	44.6	33.0	22.8	14.3	8.0	3.5	0.0
55°	47.1	35.0	24.3	15.3	8.6	3.7	0.0
52.5°	49.4	36.8	25.7	16.2	9.2	3.9	0.0
50°	51.5	38.5	26.9	17.0	9.7	4.1	0.0
47.5°	53.4	40.0	28.0	17.7	10.3	4.3	0.0
45°	55.6	41.4	29.0	18.4	10.8	4.5	0.0
42.5°	57.6	42.5	29.8	19.1	11.2	4.6	0.0
40°	59.3	43.5	30.6	19.8	11.7	4.8	0.0
37.5°	60.8	44.3	31.2	20.5	12.1	4.9	0.0
35°	62.0	45.2	31.8	21.1	12.5	5.1	0.0
32.5°	63.1	46.1	32.2	21.7	12.9	5.2	0.0
30°	64.3	46.8	32.5	22.2	13.2	5.3	0.0
27.5°	65.3	47.2	33.2	22.7	13.5	5.4	0.0
25°	66.1	47.5	33.9	23.1	13.7	5.5	0.0
22.5°	66.7	47.9	34.5	23.5	14.0	5.5	0.0
20°	67.0	48.7	35.0	23.7	14.1	5.6	0.0
17.5°	67.8	49.5	35.4	24.0	14.3	5.6	0.0
15°	68.7	50.0	35.7	24.1	14.4	5.7	0.0
12.5°	69.3	50.4	36.0	24.2	14.5	5.7	0.0
10°	69.7	50.7	36.2	24.3	14.5	5.7	0.0
7.5°	69.9	50.8	36.2	24.3	14.6	5.7	0.0
5°	69.8	50.8	36.2	24.2	14.5	5.7	0.0
2.5°	69.5	50.6	36.1	24.1	14.5	5.6	0.0
0°	69.0	50.3	35.9	23.9	14.4	5.6	0.0
-2.5°	69.5	50.6	36.1	24.1	14.5	5.6	0.0
-5°	69.8	50.8	36.2	24.2	14.5	5.7	0.0
-7.5°	69.9	50.8	36.2	24.3	14.6	5.7	0.0
-10°	69.7	50.7	36.2	24.3	14.5	5.7	0.0
-12.5°	69.3	50.4	36.0	24.2	14.5	5.7	0.0
-15°	68.7	50.0	35.7	24.1	14.4	5.7	0.0
-17.5°	67.8	49.5	35.4	24.0	14.3	5.6	0.0
-20°	67.0	48.7	35.0	23.7	14.1	5.6	0.0

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CATALOG NUMBER: GFLD-SA1E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.7	47.9	34.5	23.5	14.0	5.5	0.0
-25°	66.1	47.5	33.9	23.1	13.7	5.5	0.0
-27.5°	65.3	47.2	33.2	22.7	13.5	5.4	0.0
-30°	64.3	46.8	32.5	22.2	13.2	5.3	0.0
-32.5°	63.1	46.1	32.2	21.7	12.9	5.2	0.0
-35°	62.0	45.2	31.8	21.1	12.5	5.1	0.0
-37.5°	60.8	44.3	31.2	20.5	12.1	4.9	0.0
-40°	59.3	43.5	30.6	19.8	11.7	4.8	0.0
-42.5°	57.6	42.5	29.8	19.1	11.2	4.6	0.0
-45°	55.6	41.4	29.0	18.4	10.8	4.5	0.0
-47.5°	53.4	40.0	28.0	17.7	10.3	4.3	0.0
-50°	51.5	38.5	26.9	17.0	9.7	4.1	0.0
-52.5°	49.4	36.8	25.7	16.2	9.2	3.9	0.0
-55°	47.1	35.0	24.3	15.3	8.6	3.7	0.0
-57.5°	44.6	33.0	22.8	14.3	8.0	3.5	0.0
-60°	41.9	30.9	21.2	13.3	7.3	3.2	0.0
-62.5°	38.8	28.5	19.5	12.2	6.8	3.0	0.0
-65°	35.6	26.1	17.7	11.0	6.3	2.7	0.0
-67.5°	32.2	23.3	15.7	9.7	5.7	2.5	0.0
-70°	28.5	20.4	13.7	8.4	5.1	2.2	0.0
-72.5°	24.4	17.3	11.5	7.4	4.5	2.0	0.0
-75°	20.0	14.1	9.3	6.4	3.9	1.7	0.0
-77.5°	15.5	10.8	7.7	5.3	3.3	1.4	0.0
-80°	10.9	8.3	6.2	4.3	2.6	1.1	0.0
-82.5°	8.0	6.3	4.7	3.2	2.0	0.9	0.0
-85°	5.4	4.2	3.1	2.2	1.3	0.6	0.0
-87.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)