

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: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627073 (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-SA3B-722-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N60
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

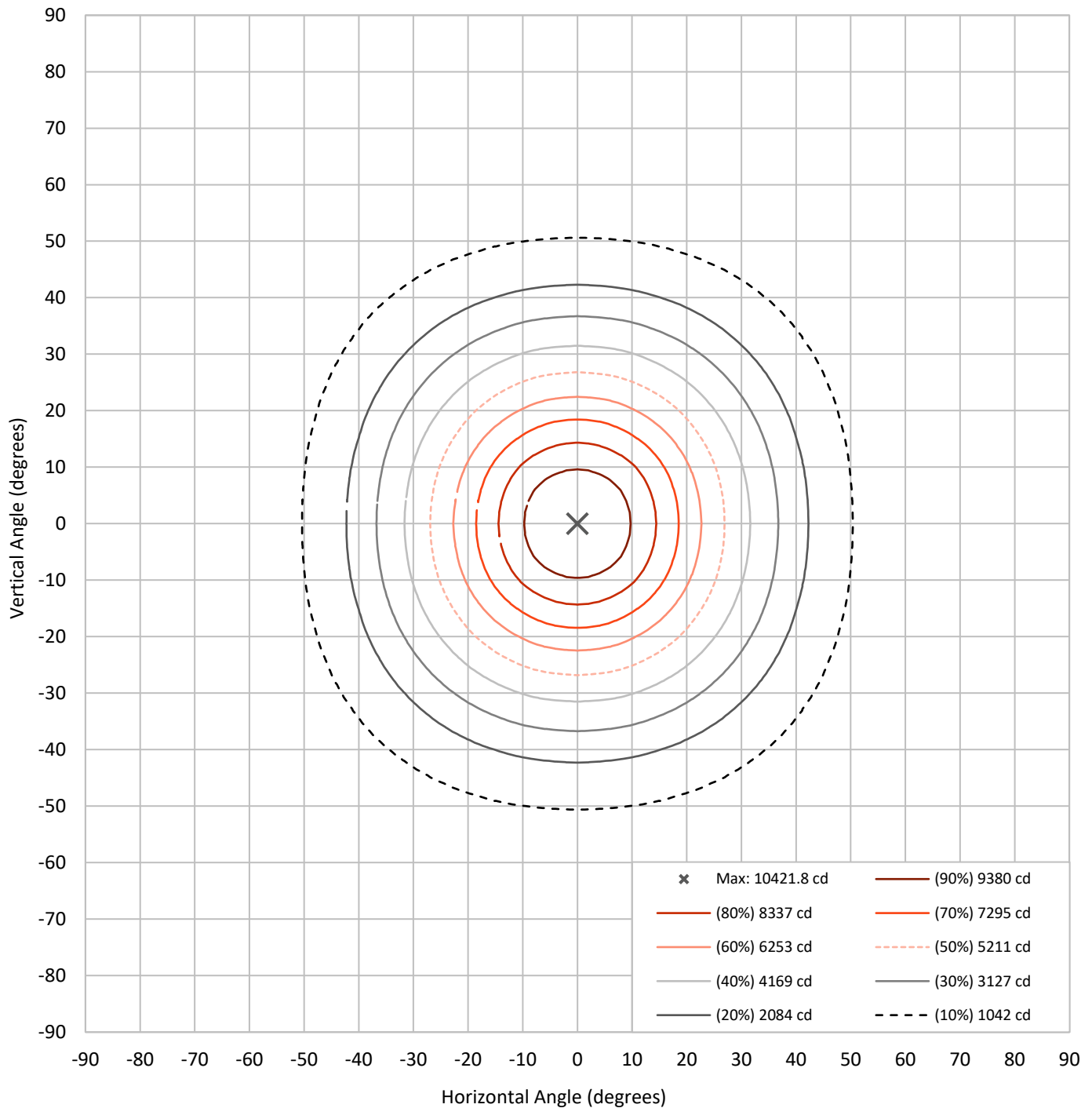
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10607 lumens	Max Intensity:	10421.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	5071.6 lumens	Field Lumens:	9361 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	93.7		
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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Iso-Candela Plot





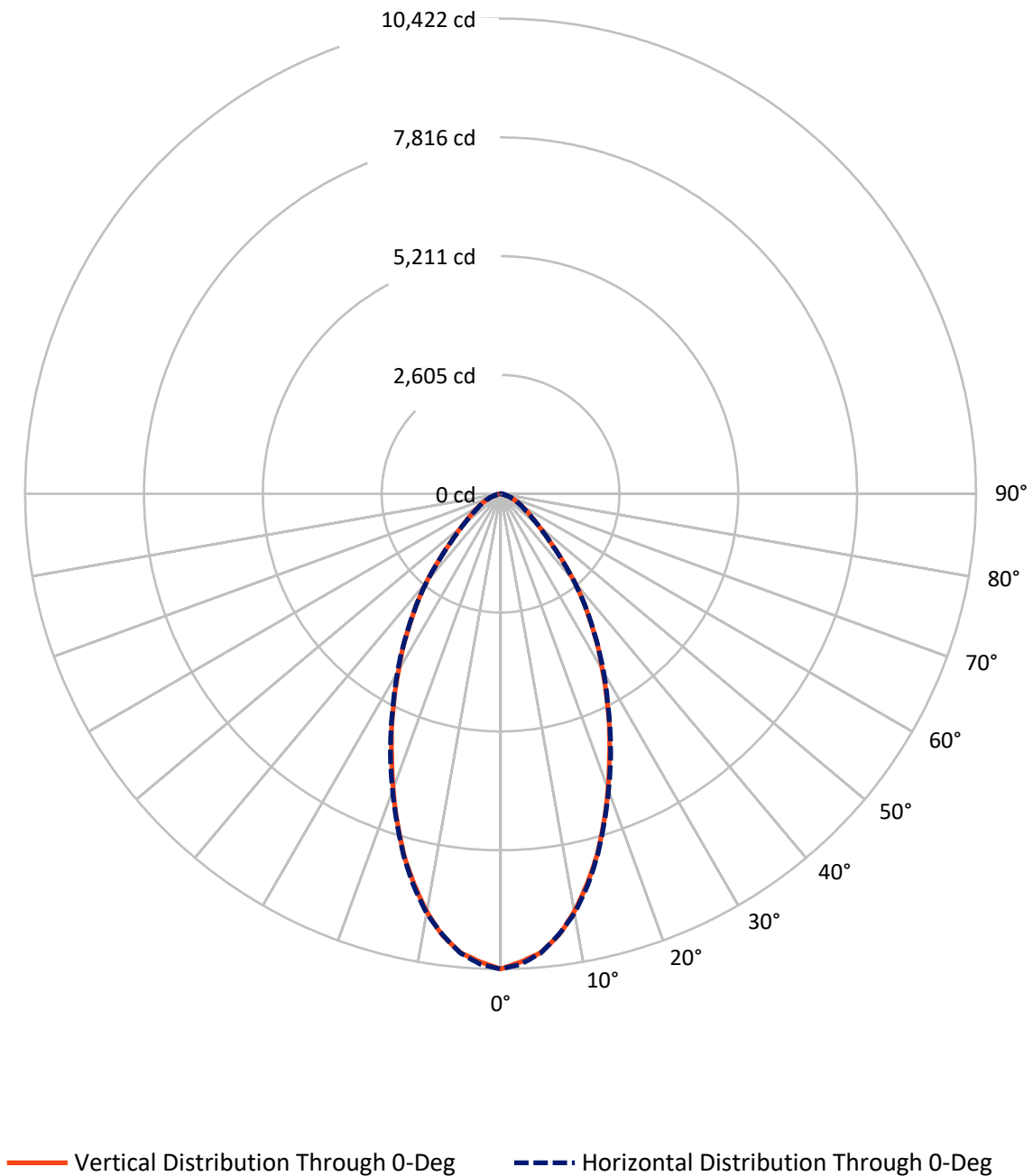
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Lumen Table

90																			
80	0.4	2.9		6.7		11.1		9.5		11.1		6.7		2.9		0.4			
70																			
60	1.4	1.6	3.0	4.9	7.1	9.2	10.8	11.5	11.5	10.8	9.2	7.1	4.9	3.0	1.6	1.4			
50		2.3	4.6	8.0	12.2	16.8	21.0	23.4	23.4	21.0	16.8	12.2	8.0	4.6	2.3				
40	2.0	2.9	6.3	11.9	20.0	30.8	42.4	50.2	50.2	42.4	30.8	20.0	11.9	6.3	2.9	2.0			
30		3.6	8.3	17.3	33.6	59.7	86.7	102.9	102.9	86.7	59.7	33.6	17.3	8.3	3.6				
20	2.4	4.1	10.4	24.2	54.3	97.7	139.8	167.1	167.1	139.8	97.7	54.3	24.2	10.4	4.1	2.4			
10		4.6	12.2	31.4	74.2	131.9	194.8	239.6	239.6	194.8	131.9	74.2	31.4	12.2	4.6				
0	2.5	4.8	13.2	36.0	85.4	153.4	233.4	293.5	293.5	233.4	153.4	85.4	36.0	13.2	4.8	2.5			
-10		4.8	13.2	36.0	85.4	153.4	233.4	293.5	293.5	233.4	153.4	85.4	36.0	13.2	4.8				
-20	2.4	4.6	12.2	31.4	74.2	131.9	194.8	239.6	239.6	194.8	131.9	74.2	31.4	12.2	4.6	2.4			
-30		4.1	10.4	24.2	54.3	97.7	139.8	167.1	167.1	139.8	97.7	54.3	24.2	10.4	4.1				
-40	2.0	3.6	8.3	17.3	33.6	59.7	86.7	102.9	102.9	86.7	59.7	33.6	17.3	8.3	3.6	2.0			
-50		2.9	6.3	11.9	20.0	30.8	42.4	50.2	50.2	42.4	30.8	20.0	11.9	6.3	2.9				
-60	1.4	2.3	4.6	8.0	12.2	16.8	21.0	23.4	23.4	21.0	16.8	12.2	8.0	4.6	2.3	1.4			
-70		1.6	3.0	4.9	7.1	9.2	10.8	11.5	11.5	10.8	9.2	7.1	4.9	3.0	1.6				
-80																			
-90	0.4	2.9		6.7		11.1		9.5		11.1		6.7		2.9		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

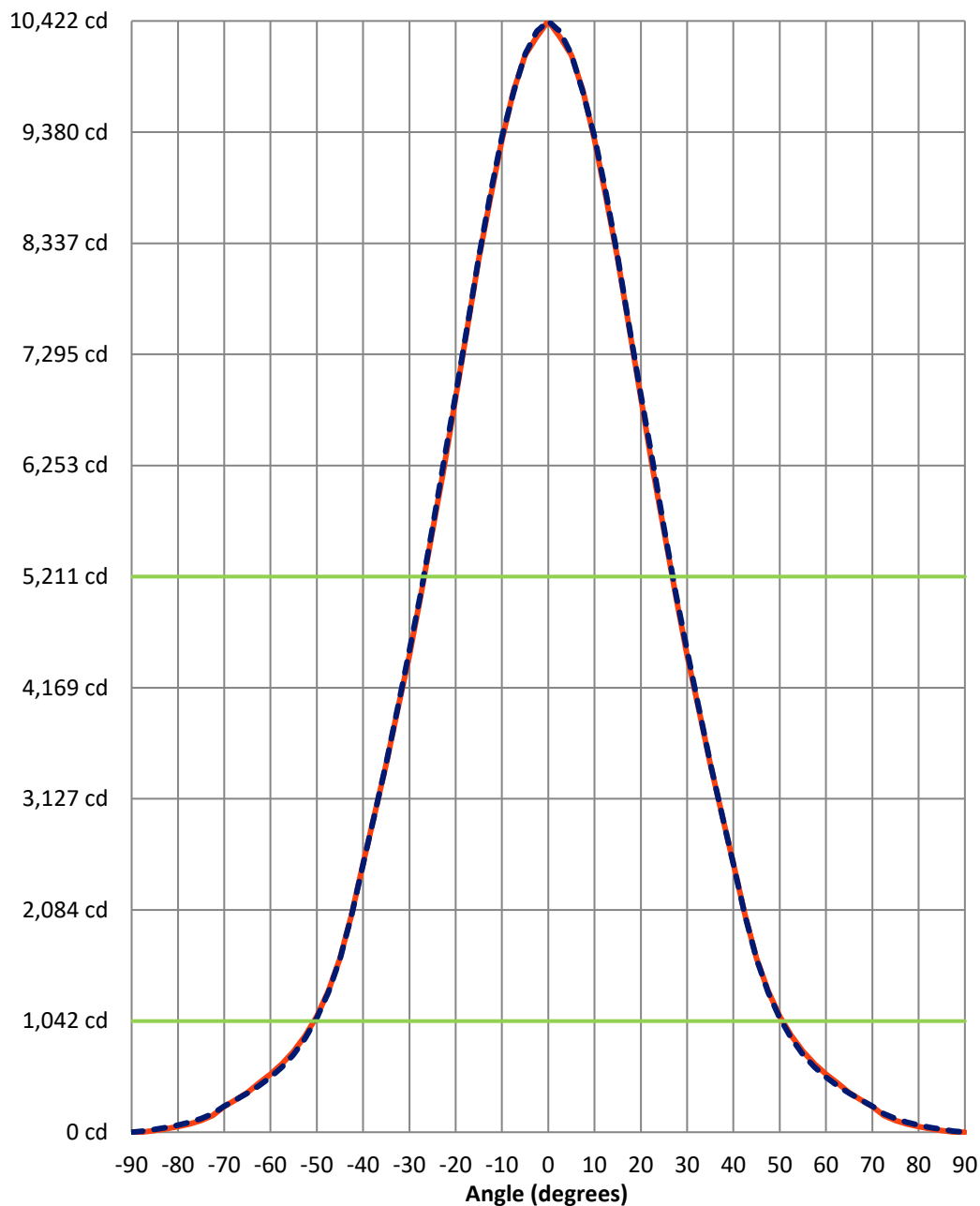
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 5071.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 9361
 Efficiency: 88.3%

Spill:
 Lumens: 1246
 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	0.5	1.2	2.0	2.9	3.9	5.0	5.5	5.9	6.3	6.6
85°	0.0	1.1	2.4	4.0	5.8	7.7	9.9	11.0	11.9	12.6	13.1
82.5°	0.0	1.6	3.6	6.0	8.6	11.6	14.8	16.5	18.2	21.0	23.6
80°	0.0	2.1	4.8	7.9	11.4	15.3	20.1	25.0	29.2	33.0	36.4
77.5°	0.0	2.6	6.0	9.8	14.2	19.9	28.7	35.0	40.3	45.0	49.7
75°	0.0	3.1	7.2	11.7	17.2	26.1	37.0	45.0	51.3	57.7	64.6
72.5°	0.0	3.6	8.3	13.6	21.3	32.0	45.1	54.8	62.4	70.6	79.3
70°	0.0	4.1	9.4	15.5	25.2	37.7	52.8	64.0	73.3	83.2	94.8
67.5°	0.0	4.6	10.5	18.0	29.0	43.1	59.4	73.1	83.9	96.3	110.2
65°	0.0	5.1	11.5	20.3	32.6	48.1	65.7	81.9	94.5	108.8	124.8
62.5°	0.0	5.5	12.5	22.4	36.0	52.7	71.7	90.3	104.6	120.9	138.3
60°	0.0	5.9	13.5	24.5	39.2	57.0	77.3	98.3	114.2	132.6	151.5
57.5°	0.0	6.4	14.7	26.4	42.1	61.0	82.3	105.5	124.0	143.9	163.6
55°	0.0	6.8	15.8	28.2	44.9	64.7	87.0	111.2	133.6	154.7	175.1
52.5°	0.0	7.2	16.9	29.8	47.4	68.0	91.3	117.4	142.7	165.0	186.5
50°	0.0	7.5	17.9	31.3	49.7	71.1	95.1	123.3	151.5	175.0	198.9
47.5°	0.0	7.9	18.9	32.6	51.7	73.9	98.7	128.6	160.3	184.8	211.1
45°	0.0	8.2	19.8	33.9	53.5	76.4	102.8	133.4	166.5	195.3	222.8
42.5°	0.0	8.5	20.7	35.1	55.1	78.5	106.4	138.0	172.2	205.5	235.1
40°	0.0	8.8	21.5	36.4	56.5	80.4	109.5	142.6	177.9	215.0	246.9
37.5°	0.0	9.1	22.3	37.7	57.7	81.8	112.2	146.7	184.1	222.5	258.1
35°	0.0	9.3	23.0	38.9	58.7	83.5	114.5	150.4	190.0	230.7	269.5
32.5°	0.0	9.5	23.7	40.0	59.5	85.1	116.5	153.6	195.7	239.0	281.3
30°	0.0	9.7	24.3	41.0	60.0	86.3	118.8	156.7	201.0	247.5	292.4
27.5°	0.0	9.9	24.8	41.9	61.3	87.2	120.7	160.6	206.6	256.0	302.7
25°	0.0	10.0	25.3	42.7	62.5	87.7	122.2	164.1	212.9	264.3	312.4
22.5°	0.0	10.2	25.7	43.3	63.6	88.4	123.2	167.1	218.8	271.9	323.0
20°	0.0	10.3	26.0	43.9	64.6	90.0	123.8	169.7	224.4	278.7	332.4
17.5°	0.0	10.4	26.3	44.3	65.4	91.3	125.2	171.8	229.6	284.7	340.7
15°	0.0	10.4	26.5	44.6	66.0	92.4	126.8	173.8	234.2	289.9	347.9
12.5°	0.0	10.4	26.7	44.8	66.4	93.1	128.1	175.5	238.2	294.3	353.8
10°	0.0	10.5	26.8	44.9	66.7	93.6	128.8	176.5	241.2	297.9	358.6
7.5°	0.0	10.5	26.8	44.9	66.9	93.8	129.1	176.7	243.4	300.7	362.4
5°	0.0	10.4	26.8	44.8	66.9	93.7	129.0	176.2	244.6	302.6	364.9
2.5°	0.0	10.4	26.7	44.5	66.7	93.4	128.4	175.0	244.7	303.6	366.1
0°	0.0	10.3	26.5	44.2	66.3	92.8	127.4	173.1	243.8	303.5	366.1
-2.5°	0.0	10.4	26.7	44.5	66.7	93.4	128.4	175.0	244.7	303.6	366.1
-5°	0.0	10.4	26.8	44.8	66.9	93.7	129.0	176.2	244.6	302.6	364.9
-7.5°	0.0	10.5	26.8	44.9	66.9	93.8	129.1	176.7	243.4	300.7	362.4
-10°	0.0	10.5	26.8	44.9	66.7	93.6	128.8	176.5	241.2	297.9	358.6
-12.5°	0.0	10.4	26.7	44.8	66.4	93.1	128.1	175.5	238.2	294.3	353.8
-15°	0.0	10.4	26.5	44.6	66.0	92.4	126.8	173.8	234.2	289.9	347.9
-17.5°	0.0	10.4	26.3	44.3	65.4	91.3	125.2	171.8	229.6	284.7	340.7
-20°	0.0	10.3	26.0	43.9	64.6	90.0	123.8	169.7	224.4	278.7	332.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.2	25.7	43.3	63.6	88.4	123.2	167.1	218.8	271.9	323.0
-25°	0.0	10.0	25.3	42.7	62.5	87.7	122.2	164.1	212.9	264.3	312.4
-27.5°	0.0	9.9	24.8	41.9	61.3	87.2	120.7	160.6	206.6	256.0	302.7
-30°	0.0	9.7	24.3	41.0	60.0	86.3	118.8	156.7	201.0	247.5	292.4
-32.5°	0.0	9.5	23.7	40.0	59.5	85.1	116.5	153.6	195.7	239.0	281.3
-35°	0.0	9.3	23.0	38.9	58.7	83.5	114.5	150.4	190.0	230.7	269.5
-37.5°	0.0	9.1	22.3	37.7	57.7	81.8	112.2	146.7	184.1	222.5	258.1
-40°	0.0	8.8	21.5	36.4	56.5	80.4	109.5	142.6	177.9	215.0	246.9
-42.5°	0.0	8.5	20.7	35.1	55.1	78.5	106.4	138.0	172.2	205.5	235.1
-45°	0.0	8.2	19.8	33.9	53.5	76.4	102.8	133.4	166.5	195.3	222.8
-47.5°	0.0	7.9	18.9	32.6	51.7	73.9	98.7	128.6	160.3	184.8	211.1
-50°	0.0	7.5	17.9	31.3	49.7	71.1	95.1	123.3	151.5	175.0	198.9
-52.5°	0.0	7.2	16.9	29.8	47.4	68.0	91.3	117.4	142.7	165.0	186.5
-55°	0.0	6.8	15.8	28.2	44.9	64.7	87.0	111.2	133.6	154.7	175.1
-57.5°	0.0	6.4	14.7	26.4	42.1	61.0	82.3	105.5	124.0	143.9	163.6
-60°	0.0	5.9	13.5	24.5	39.2	57.0	77.3	98.3	114.2	132.6	151.5
-62.5°	0.0	5.5	12.5	22.4	36.0	52.7	71.7	90.3	104.6	120.9	138.3
-65°	0.0	5.1	11.5	20.3	32.6	48.1	65.7	81.9	94.5	108.8	124.8
-67.5°	0.0	4.6	10.5	18.0	29.0	43.1	59.4	73.1	83.9	96.3	110.2
-70°	0.0	4.1	9.4	15.5	25.2	37.7	52.8	64.0	73.3	83.2	94.8
-72.5°	0.0	3.6	8.3	13.6	21.3	32.0	45.1	54.8	62.4	70.6	79.3
-75°	0.0	3.1	7.2	11.7	17.2	26.1	37.0	45.0	51.3	57.7	64.6
-77.5°	0.0	2.6	6.0	9.8	14.2	19.9	28.7	35.0	40.3	45.0	49.7
-80°	0.0	2.1	4.8	7.9	11.4	15.3	20.1	25.0	29.2	33.0	36.4
-82.5°	0.0	1.6	3.6	6.0	8.6	11.6	14.8	16.5	18.2	21.0	23.6
-85°	0.0	1.1	2.4	4.0	5.8	7.7	9.9	11.0	11.9	12.6	13.1
-87.5°	0.0	0.5	1.2	2.0	2.9	3.9	5.0	5.5	5.9	6.3	6.6
-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°	6.6	6.6	6.5	6.3	6.0	5.7	5.2	4.7	4.9	5.1	5.2
85°	13.3	13.3	14.4	15.4	15.8	15.9	15.6	14.9	16.9	19.1	21.5
82.5°	25.9	28.2	30.3	32.3	32.5	32.0	31.0	29.8	33.8	38.6	43.5
80°	39.8	43.1	46.9	50.5	51.3	50.9	49.8	48.0	53.2	60.6	68.5
77.5°	55.2	60.4	65.3	69.9	71.2	71.0	70.1	68.7	75.3	85.4	96.0
75°	71.5	77.8	84.1	89.7	92.0	92.2	91.9	93.5	102.2	114.1	124.6
72.5°	88.4	96.5	103.6	109.7	113.5	116.4	120.3	125.0	133.8	145.5	155.8
70°	106.3	115.3	122.8	129.6	135.4	141.8	150.0	158.1	167.3	179.0	189.7
67.5°	124.0	133.1	141.6	149.9	160.6	170.8	180.9	191.5	203.1	215.4	226.2
65°	140.4	150.7	161.0	173.1	187.0	198.6	211.1	224.8	240.1	253.9	266.4
62.5°	156.1	167.7	180.5	195.2	210.2	224.6	241.4	259.1	277.0	294.2	311.4
60°	169.4	183.9	199.4	216.0	233.3	253.0	272.6	293.6	314.9	335.8	357.0
57.5°	182.1	200.1	218.0	237.2	258.8	281.3	305.0	328.6	354.1	379.3	403.4
55°	195.4	216.5	236.9	259.7	284.5	310.9	337.6	366.2	394.4	426.2	455.4
52.5°	209.6	232.5	256.5	282.6	311.5	341.3	372.6	405.4	440.5	475.8	511.6
50°	223.4	249.3	276.0	307.2	339.5	373.5	409.6	447.9	488.8	529.6	573.0
47.5°	237.8	265.5	298.1	332.0	368.9	407.7	448.6	494.2	539.6	591.0	640.7
45°	252.0	283.9	319.2	358.6	399.2	442.8	491.5	541.6	599.5	657.6	722.9
42.5°	265.7	302.4	342.3	384.4	430.6	480.8	534.6	597.6	662.9	734.8	811.4
40°	281.4	320.2	365.1	412.1	462.2	519.6	584.4	654.2	733.9	819.1	906.1
37.5°	296.7	340.1	387.5	438.5	496.7	561.3	632.8	718.4	810.4	907.3	1025.7
35°	311.0	359.2	410.6	466.5	529.5	604.4	689.9	784.5	890.5	1015.5	1153.6
32.5°	326.2	377.2	432.5	495.2	566.4	648.2	745.4	856.8	982.2	1124.5	1297.4
30°	341.4	395.7	454.2	522.1	601.3	695.9	806.4	929.5	1073.7	1252.2	1455.2
27.5°	355.5	413.0	477.1	550.5	635.2	739.9	865.0	1009.3	1179.2	1380.9	1618.0
25°	368.5	428.8	498.1	577.6	672.5	787.4	923.0	1082.8	1284.7	1525.2	1816.9
22.5°	380.9	443.2	517.1	601.9	706.2	833.4	986.0	1168.9	1392.1	1662.0	2011.8
20°	392.5	458.8	536.0	625.2	736.3	875.0	1043.9	1249.2	1503.2	1822.7	2202.8
17.5°	402.7	472.5	553.9	650.4	769.8	917.2	1098.5	1320.1	1602.1	1966.2	2379.1
15°	411.5	484.3	569.4	672.2	800.1	959.1	1155.9	1397.9	1705.3	2096.8	2533.9
12.5°	418.8	494.2	582.4	690.6	825.4	994.6	1204.8	1467.2	1805.8	2219.7	2669.8
10°	424.7	502.1	592.9	705.4	845.9	1023.3	1245.2	1523.9	1889.4	2325.1	2784.8
7.5°	429.5	508.4	600.9	716.6	861.4	1045.3	1276.6	1567.6	1954.8	2408.6	2873.0
5°	433.0	512.8	607.0	724.5	872.8	1060.7	1298.5	1598.2	2001.2	2469.0	2933.4
2.5°	434.9	515.2	610.5	728.7	879.7	1069.4	1310.0	1617.4	2026.8	2503.6	2969.8
0°	435.3	515.6	611.4	729.2	881.7	1071.0	1311.8	1623.4	2032.2	2512.5	2983.1
-2.5°	434.9	515.2	610.5	728.7	879.7	1069.4	1310.0	1617.4	2026.8	2503.6	2969.8
-5°	433.0	512.8	607.0	724.5	872.8	1060.7	1298.5	1598.2	2001.2	2469.0	2933.4
-7.5°	429.5	508.4	600.9	716.6	861.4	1045.3	1276.6	1567.6	1954.8	2408.6	2873.0
-10°	424.7	502.1	592.9	705.4	845.9	1023.3	1245.2	1523.9	1889.4	2325.1	2784.8
-12.5°	418.8	494.2	582.4	690.6	825.4	994.6	1204.8	1467.2	1805.8	2219.7	2669.8
-15°	411.5	484.3	569.4	672.2	800.1	959.1	1155.9	1397.9	1705.3	2096.8	2533.9
-17.5°	402.7	472.5	553.9	650.4	769.8	917.2	1098.5	1320.1	1602.1	1966.2	2379.1
-20°	392.5	458.8	536.0	625.2	736.3	875.0	1043.9	1249.2	1503.2	1822.7	2202.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	380.9	443.2	517.1	601.9	706.2	833.4	986.0	1168.9	1392.1	1662.0	2011.8
-25°	368.5	428.8	498.1	577.6	672.5	787.4	923.0	1082.8	1284.7	1525.2	1816.9
-27.5°	355.5	413.0	477.1	550.5	635.2	739.9	865.0	1009.3	1179.2	1380.9	1618.0
-30°	341.4	395.7	454.2	522.1	601.3	695.9	806.4	929.5	1073.7	1252.2	1455.2
-32.5°	326.2	377.2	432.5	495.2	566.4	648.2	745.4	856.8	982.2	1124.5	1297.4
-35°	311.0	359.2	410.6	466.5	529.5	604.4	689.9	784.5	890.5	1015.5	1153.6
-37.5°	296.7	340.1	387.5	438.5	496.7	561.3	632.8	718.4	810.4	907.3	1025.7
-40°	281.4	320.2	365.1	412.1	462.2	519.6	584.4	654.2	733.9	819.1	906.1
-42.5°	265.7	302.4	342.3	384.4	430.6	480.8	534.6	597.6	662.9	734.8	811.4
-45°	252.0	283.9	319.2	358.6	399.2	442.8	491.5	541.6	599.5	657.6	722.9
-47.5°	237.8	265.5	298.1	332.0	368.9	407.7	448.6	494.2	539.6	591.0	640.7
-50°	223.4	249.3	276.0	307.2	339.5	373.5	409.6	447.9	488.8	529.6	573.0
-52.5°	209.6	232.5	256.5	282.6	311.5	341.3	372.6	405.4	440.5	475.8	511.6
-55°	195.4	216.5	236.9	259.7	284.5	310.9	337.6	366.2	394.4	426.2	455.4
-57.5°	182.1	200.1	218.0	237.2	258.8	281.3	305.0	328.6	354.1	379.3	403.4
-60°	169.4	183.9	199.4	216.0	233.3	253.0	272.6	293.6	314.9	335.8	357.0
-62.5°	156.1	167.7	180.5	195.2	210.2	224.6	241.4	259.1	277.0	294.2	311.4
-65°	140.4	150.7	161.0	173.1	187.0	198.6	211.1	224.8	240.1	253.9	266.4
-67.5°	124.0	133.1	141.6	149.9	160.6	170.8	180.9	191.5	203.1	215.4	226.2
-70°	106.3	115.3	122.8	129.6	135.4	141.8	150.0	158.1	167.3	179.0	189.7
-72.5°	88.4	96.5	103.6	109.7	113.5	116.4	120.3	125.0	133.8	145.5	155.8
-75°	71.5	77.8	84.1	89.7	92.0	92.2	91.9	93.5	102.2	114.1	124.6
-77.5°	55.2	60.4	65.3	69.9	71.2	71.0	70.1	68.7	75.3	85.4	96.0
-80°	39.8	43.1	46.9	50.5	51.3	50.9	49.8	48.0	53.2	60.6	68.5
-82.5°	25.9	28.2	30.3	32.3	32.5	32.0	31.0	29.8	33.8	38.6	43.5
-85°	13.3	13.3	14.4	15.4	15.8	15.9	15.6	14.9	16.9	19.1	21.5
-87.5°	6.6	6.6	6.5	6.3	6.0	5.7	5.2	4.7	4.9	5.1	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: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	5.4	5.3	5.1	4.9	4.7	4.6	4.5	4.4	4.3	3.9	3.6
85°	24.0	24.5	24.8	25.0	25.0	25.8	26.5	27.2	27.8	25.2	22.3
82.5°	48.7	51.0	53.0	55.0	57.0	58.3	59.4	60.1	60.6	54.8	48.4
80°	76.6	81.5	85.4	89.3	92.9	93.8	93.8	93.3	92.3	84.4	75.5
77.5°	106.6	112.9	117.9	122.8	127.7	129.5	130.4	131.1	131.5	121.8	109.8
75°	133.8	141.3	148.3	154.7	160.7	163.9	165.8	167.3	168.5	158.7	145.9
72.5°	164.8	172.7	180.3	187.5	193.8	198.0	200.7	203.0	204.8	199.2	191.2
70°	198.9	207.1	215.1	222.5	229.7	235.3	239.8	243.6	246.8	247.4	247.2
67.5°	236.7	246.4	255.9	264.0	272.5	280.5	287.6	293.4	298.1	301.1	302.8
65°	279.2	293.7	306.7	317.7	326.9	337.6	347.0	354.1	359.2	363.0	366.3
62.5°	329.2	346.9	361.7	376.4	391.5	406.2	415.4	424.6	433.6	442.1	449.4
60°	377.4	396.8	416.8	435.6	452.9	468.9	485.3	499.9	512.7	523.4	531.4
57.5°	428.7	452.3	475.1	498.9	521.3	542.1	562.5	581.3	597.6	611.3	622.4
55°	484.4	513.2	540.4	570.6	599.8	626.5	651.1	676.2	698.9	718.9	734.7
52.5°	544.5	582.0	617.9	653.4	691.3	725.5	756.1	791.0	821.9	847.5	867.4
50°	616.2	660.2	707.7	751.6	799.4	846.5	889.9	932.0	973.1	1008.7	1037.5
47.5°	697.8	752.1	810.9	869.1	928.4	992.8	1050.3	1103.7	1161.2	1211.1	1251.2
45°	788.6	857.7	928.7	1010.6	1086.0	1168.7	1245.2	1314.0	1395.5	1467.4	1525.2
42.5°	889.3	981.4	1074.8	1177.8	1277.8	1382.9	1494.4	1593.3	1701.5	1804.6	1888.0
40°	1014.1	1124.2	1249.3	1374.0	1517.6	1652.4	1814.9	1962.5	2096.6	2219.6	2320.4
37.5°	1152.8	1294.6	1451.7	1614.2	1810.6	2003.1	2193.3	2372.8	2531.3	2665.9	2778.8
35°	1310.3	1490.4	1680.7	1917.9	2148.0	2378.6	2593.4	2789.6	2962.0	3113.8	3243.0
32.5°	1491.4	1707.5	1973.9	2240.4	2502.9	2756.8	2992.6	3206.6	3395.7	3566.2	3714.7
30°	1681.8	1976.7	2275.7	2568.0	2854.8	3132.9	3391.7	3627.4	3841.1	4030.9	4201.9
27.5°	1923.8	2250.6	2576.6	2891.8	3207.2	3511.5	3792.0	4053.9	4299.1	4513.6	4709.1
25°	2157.8	2518.9	2865.5	3209.1	3552.4	3879.2	4192.8	4488.6	4769.4	5015.6	5233.9
22.5°	2391.8	2769.8	3140.1	3509.6	3878.4	4242.6	4594.8	4933.7	5247.7	5528.1	5773.8
20°	2608.6	3003.7	3399.7	3798.0	4197.8	4596.5	4992.0	5373.4	5723.2	6046.9	6331.3
17.5°	2802.9	3223.1	3642.9	4069.0	4502.3	4935.2	5374.6	5802.1	6202.1	6570.3	6900.3
15°	2975.0	3413.4	3864.3	4324.1	4789.4	5259.6	5739.0	6217.3	6667.5	7085.8	7454.2
12.5°	3125.4	3581.2	4053.8	4542.3	5047.5	5559.6	6082.8	6607.1	7105.5	7588.4	7986.2
10°	3249.5	3723.9	4218.0	4731.3	5263.9	5815.1	6376.4	6940.9	7489.9	8002.2	8457.0
7.5°	3345.4	3837.6	4346.7	4880.5	5439.3	6020.5	6615.2	7214.2	7800.1	8352.2	8855.4
5°	3413.1	3920.3	4435.8	4991.1	5569.3	6171.6	6789.7	7413.9	8026.4	8606.8	9128.3
2.5°	3452.3	3970.0	4487.6	5058.3	5646.6	6263.1	6897.9	7532.4	8161.0	8763.0	9299.0
0°	3462.7	3984.9	4517.4	5065.4	5670.9	6305.8	6917.9	7554.3	8207.7	8801.4	9335.4
-2.5°	3452.3	3970.0	4487.6	5058.3	5646.6	6263.1	6897.9	7532.4	8161.0	8763.0	9299.0
-5°	3413.1	3920.3	4435.8	4991.1	5569.3	6171.6	6789.7	7413.9	8026.4	8606.8	9128.3
-7.5°	3345.4	3837.6	4346.7	4880.5	5439.3	6020.5	6615.2	7214.2	7800.1	8352.2	8855.4
-10°	3249.5	3723.9	4218.0	4731.3	5263.9	5815.1	6376.4	6940.9	7489.9	8002.2	8457.0
-12.5°	3125.4	3581.2	4053.8	4542.3	5047.5	5559.6	6082.8	6607.1	7105.5	7588.4	7986.2
-15°	2975.0	3413.4	3864.3	4324.1	4789.4	5259.6	5739.0	6217.3	6667.5	7085.8	7454.2
-17.5°	2802.9	3223.1	3642.9	4069.0	4502.3	4935.2	5374.6	5802.1	6202.1	6570.3	6900.3
-20°	2608.6	3003.7	3399.7	3798.0	4197.8	4596.5	4992.0	5373.4	5723.2	6046.9	6331.3



REPORT NUMBER: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	2391.8	2769.8	3140.1	3509.6	3878.4	4242.6	4594.8	4933.7	5247.7	5528.1	5773.8
-25°	2157.8	2518.9	2865.5	3209.1	3552.4	3879.2	4192.8	4488.6	4769.4	5015.6	5233.9
-27.5°	1923.8	2250.6	2576.6	2891.8	3207.2	3511.5	3792.0	4053.9	4299.1	4513.6	4709.1
-30°	1681.8	1976.7	2275.7	2568.0	2854.8	3132.9	3391.7	3627.4	3841.1	4030.9	4201.9
-32.5°	1491.4	1707.5	1973.9	2240.4	2502.9	2756.8	2992.6	3206.6	3395.7	3566.2	3714.7
-35°	1310.3	1490.4	1680.7	1917.9	2148.0	2378.6	2593.4	2789.6	2962.0	3113.8	3243.0
-37.5°	1152.8	1294.6	1451.7	1614.2	1810.6	2003.1	2193.3	2372.8	2531.3	2665.9	2778.8
-40°	1014.1	1124.2	1249.3	1374.0	1517.6	1652.4	1814.9	1962.5	2096.6	2219.6	2320.4
-42.5°	889.3	981.4	1074.8	1177.8	1277.8	1382.9	1494.4	1593.3	1701.5	1804.6	1888.0
-45°	788.6	857.7	928.7	1010.6	1086.0	1168.7	1245.2	1314.0	1395.5	1467.4	1525.2
-47.5°	697.8	752.1	810.9	869.1	928.4	992.8	1050.3	1103.7	1161.2	1211.1	1251.2
-50°	616.2	660.2	707.7	751.6	799.4	846.5	889.9	932.0	973.1	1008.7	1037.5
-52.5°	544.5	582.0	617.9	653.4	691.3	725.5	756.1	791.0	821.9	847.5	867.4
-55°	484.4	513.2	540.4	570.6	599.8	626.5	651.1	676.2	698.9	718.9	734.7
-57.5°	428.7	452.3	475.1	498.9	521.3	542.1	562.5	581.3	597.6	611.3	622.4
-60°	377.4	396.8	416.8	435.6	452.9	468.9	485.3	499.9	512.7	523.4	531.4
-62.5°	329.2	346.9	361.7	376.4	391.5	406.2	415.4	424.6	433.6	442.1	449.4
-65°	279.2	293.7	306.7	317.7	326.9	337.6	347.0	354.1	359.2	363.0	366.3
-67.5°	236.7	246.4	255.9	264.0	272.5	280.5	287.6	293.4	298.1	301.1	302.8
-70°	198.9	207.1	215.1	222.5	229.7	235.3	239.8	243.6	246.8	247.4	247.2
-72.5°	164.8	172.7	180.3	187.5	193.8	198.0	200.7	203.0	204.8	199.2	191.2
-75°	133.8	141.3	148.3	154.7	160.7	163.9	165.8	167.3	168.5	158.7	145.9
-77.5°	106.6	112.9	117.9	122.8	127.7	129.5	130.4	131.1	131.5	121.8	109.8
-80°	76.6	81.5	85.4	89.3	92.9	93.8	93.8	93.3	92.3	84.4	75.5
-82.5°	48.7	51.0	53.0	55.0	57.0	58.3	59.4	60.1	60.6	54.8	48.4
-85°	24.0	24.5	24.8	25.0	25.0	25.8	26.5	27.2	27.8	25.2	22.3
-87.5°	5.4	5.3	5.1	4.9	4.7	4.6	4.5	4.4	4.3	3.9	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	3.2	2.9	2.5	2.2	2.5	2.9	3.2	3.6	3.9	4.3	4.4
85°	19.3	16.1	15.8	15.5	15.8	16.1	19.3	22.3	25.2	27.8	27.2
82.5°	41.6	34.5	33.5	32.4	33.5	34.5	41.6	48.4	54.8	60.6	60.1
80°	66.2	56.7	54.8	53.0	54.8	56.7	66.2	75.5	84.4	92.3	93.3
77.5°	97.2	84.1	80.3	76.6	80.3	84.1	97.2	109.8	121.8	131.5	131.1
75°	132.6	118.8	114.2	109.8	114.2	118.8	132.6	145.9	158.7	168.5	167.3
72.5°	183.1	174.7	166.2	156.9	166.2	174.7	183.1	191.2	199.2	204.8	203.0
70°	246.9	246.3	244.2	240.9	244.2	246.3	246.9	247.2	247.4	246.8	243.6
67.5°	303.6	303.3	304.0	304.2	304.0	303.3	303.6	302.8	301.1	298.1	293.4
65°	368.3	369.0	370.5	371.2	370.5	369.0	368.3	366.3	363.0	359.2	354.1
62.5°	455.0	458.7	460.6	460.4	460.6	458.7	455.0	449.4	442.1	433.6	424.6
60°	537.4	541.3	543.7	544.3	543.7	541.3	537.4	531.4	523.4	512.7	499.9
57.5°	631.3	637.7	641.1	641.6	641.1	637.7	631.3	622.4	611.3	597.6	581.3
55°	746.9	755.3	759.1	758.7	759.1	755.3	746.9	734.7	718.9	698.9	676.2
52.5°	882.5	892.8	900.6	905.3	900.6	892.8	882.5	867.4	847.5	821.9	791.0
50°	1059.1	1074.0	1083.4	1087.2	1083.4	1074.0	1059.1	1037.5	1008.7	973.1	932.0
47.5°	1280.1	1299.7	1314.3	1324.4	1314.3	1299.7	1280.1	1251.2	1211.1	1161.2	1103.7
45°	1567.9	1597.9	1618.2	1630.0	1618.2	1597.9	1567.9	1525.2	1467.4	1395.5	1314.0
42.5°	1953.0	1999.5	2027.9	2038.8	2027.9	1999.5	1953.0	1888.0	1804.6	1701.5	1593.3
40°	2399.9	2455.8	2492.3	2517.6	2492.3	2455.8	2399.9	2320.4	2219.6	2096.6	1962.5
37.5°	2865.4	2924.0	2959.7	2983.9	2959.7	2924.0	2865.4	2778.8	2665.9	2531.3	2372.8
35°	3340.3	3401.6	3435.1	3453.8	3435.1	3401.6	3340.3	3243.0	3113.8	2962.0	2789.6
32.5°	3827.8	3895.4	3931.8	3969.4	3931.8	3895.4	3827.8	3714.7	3566.2	3395.7	3206.6
30°	4337.1	4414.7	4452.7	4471.0	4452.7	4414.7	4337.1	4201.9	4030.9	3841.1	3627.4
27.5°	4866.9	4963.6	5011.2	5042.6	5011.2	4963.6	4866.9	4709.1	4513.6	4299.1	4053.9
25°	5418.3	5538.1	5592.6	5641.5	5592.6	5538.1	5418.3	5233.9	5015.6	4769.4	4488.6
22.5°	5990.3	6139.5	6202.6	6237.3	6202.6	6139.5	5990.3	5773.8	5528.1	5247.7	4933.7
20°	6577.2	6755.5	6843.3	6888.5	6843.3	6755.5	6577.2	6331.3	6046.9	5723.2	5373.4
17.5°	7177.4	7399.2	7512.8	7538.9	7512.8	7399.2	7177.4	6900.3	6570.3	6202.1	5802.1
15°	7766.7	8006.5	8140.8	8190.0	8140.8	8006.5	7766.7	7454.2	7085.8	6667.5	6217.3
12.5°	8324.7	8573.3	8733.8	8762.3	8733.8	8573.3	8324.7	7986.2	7588.4	7105.5	6607.1
10°	8830.7	9088.3	9265.5	9305.9	9265.5	9088.3	8830.7	8457.0	8002.2	7489.9	6940.9
7.5°	9253.8	9536.4	9732.2	9766.3	9732.2	9536.4	9253.8	8855.4	8352.2	7800.1	7214.2
5°	9563.4	9898.9	10059.7	10100.0	10059.7	9898.9	9563.4	9128.3	8606.8	8026.4	7413.9
2.5°	9733.2	10074.8	10298.1	10272.3	10298.1	10074.8	9733.2	9299.0	8763.0	8161.0	7532.4
0°	9752.3	10109.5	10323.1	10421.8	10323.1	10109.5	9752.3	9335.4	8801.4	8207.7	7554.3
-2.5°	9733.2	10074.8	10298.1	10272.3	10298.1	10074.8	9733.2	9299.0	8763.0	8161.0	7532.4
-5°	9563.4	9898.9	10059.7	10100.0	10059.7	9898.9	9563.4	9128.3	8606.8	8026.4	7413.9
-7.5°	9253.8	9536.4	9732.2	9766.3	9732.2	9536.4	9253.8	8855.4	8352.2	7800.1	7214.2
-10°	8830.7	9088.3	9265.5	9305.9	9265.5	9088.3	8830.7	8457.0	8002.2	7489.9	6940.9
-12.5°	8324.7	8573.3	8733.8	8762.3	8733.8	8573.3	8324.7	7986.2	7588.4	7105.5	6607.1
-15°	7766.7	8006.5	8140.8	8190.0	8140.8	8006.5	7766.7	7454.2	7085.8	6667.5	6217.3
-17.5°	7177.4	7399.2	7512.8	7538.9	7512.8	7399.2	7177.4	6900.3	6570.3	6202.1	5802.1
-20°	6577.2	6755.5	6843.3	6888.5	6843.3	6755.5	6577.2	6331.3	6046.9	5723.2	5373.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	5990.3	6139.5	6202.6	6237.3	6202.6	6139.5	5990.3	5773.8	5528.1	5247.7	4933.7
-25°	5418.3	5538.1	5592.6	5641.5	5592.6	5538.1	5418.3	5233.9	5015.6	4769.4	4488.6
-27.5°	4866.9	4963.6	5011.2	5042.6	5011.2	4963.6	4866.9	4709.1	4513.6	4299.1	4053.9
-30°	4337.1	4414.7	4452.7	4471.0	4452.7	4414.7	4337.1	4201.9	4030.9	3841.1	3627.4
-32.5°	3827.8	3895.4	3931.8	3969.4	3931.8	3895.4	3827.8	3714.7	3566.2	3395.7	3206.6
-35°	3340.3	3401.6	3435.1	3453.8	3435.1	3401.6	3340.3	3243.0	3113.8	2962.0	2789.6
-37.5°	2865.4	2924.0	2959.7	2983.9	2959.7	2924.0	2865.4	2778.8	2665.9	2531.3	2372.8
-40°	2399.9	2455.8	2492.3	2517.6	2492.3	2455.8	2399.9	2320.4	2219.6	2096.6	1962.5
-42.5°	1953.0	1999.5	2027.9	2038.8	2027.9	1999.5	1953.0	1888.0	1804.6	1701.5	1593.3
-45°	1567.9	1597.9	1618.2	1630.0	1618.2	1597.9	1567.9	1525.2	1467.4	1395.5	1314.0
-47.5°	1280.1	1299.7	1314.3	1324.4	1314.3	1299.7	1280.1	1251.2	1211.1	1161.2	1103.7
-50°	1059.1	1074.0	1083.4	1087.2	1083.4	1074.0	1059.1	1037.5	1008.7	973.1	932.0
-52.5°	882.5	892.8	900.6	905.3	900.6	892.8	882.5	867.4	847.5	821.9	791.0
-55°	746.9	755.3	759.1	758.7	759.1	755.3	746.9	734.7	718.9	698.9	676.2
-57.5°	631.3	637.7	641.1	641.6	641.1	637.7	631.3	622.4	611.3	597.6	581.3
-60°	537.4	541.3	543.7	544.3	543.7	541.3	537.4	531.4	523.4	512.7	499.9
-62.5°	455.0	458.7	460.6	460.4	460.6	458.7	455.0	449.4	442.1	433.6	424.6
-65°	368.3	369.0	370.5	371.2	370.5	369.0	368.3	366.3	363.0	359.2	354.1
-67.5°	303.6	303.3	304.0	304.2	304.0	303.3	303.6	302.8	301.1	298.1	293.4
-70°	246.9	246.3	244.2	240.9	244.2	246.3	246.9	247.2	247.4	246.8	243.6
-72.5°	183.1	174.7	166.2	156.9	166.2	174.7	183.1	191.2	199.2	204.8	203.0
-75°	132.6	118.8	114.2	109.8	114.2	118.8	132.6	145.9	158.7	168.5	167.3
-77.5°	97.2	84.1	80.3	76.6	80.3	84.1	97.2	109.8	121.8	131.5	131.1
-80°	66.2	56.7	54.8	53.0	54.8	56.7	66.2	75.5	84.4	92.3	93.3
-82.5°	41.6	34.5	33.5	32.4	33.5	34.5	41.6	48.4	54.8	60.6	60.1
-85°	19.3	16.1	15.8	15.5	15.8	16.1	19.3	22.3	25.2	27.8	27.2
-87.5°	3.2	2.9	2.5	2.2	2.5	2.9	3.2	3.6	3.9	4.3	4.4
-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: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	4.5	4.6	4.7	4.9	5.1	5.3	5.4	5.2	5.1	4.9	4.7
85°	26.5	25.8	25.0	25.0	24.8	24.5	24.0	21.5	19.1	16.9	14.9
82.5°	59.4	58.3	57.0	55.0	53.0	51.0	48.7	43.5	38.6	33.8	29.8
80°	93.8	93.8	92.9	89.3	85.4	81.5	76.6	68.5	60.6	53.2	48.0
77.5°	130.4	129.5	127.7	122.8	117.9	112.9	106.6	96.0	85.4	75.3	68.7
75°	165.8	163.9	160.7	154.7	148.3	141.3	133.8	124.6	114.1	102.2	93.5
72.5°	200.7	198.0	193.8	187.5	180.3	172.7	164.8	155.8	145.5	133.8	125.0
70°	239.8	235.3	229.7	222.5	215.1	207.1	198.9	189.7	179.0	167.3	158.1
67.5°	287.6	280.5	272.5	264.0	255.9	246.4	236.7	226.2	215.4	203.1	191.5
65°	347.0	337.6	326.9	317.7	306.7	293.7	279.2	266.4	253.9	240.1	224.8
62.5°	415.4	406.2	391.5	376.4	361.7	346.9	329.2	311.4	294.2	277.0	259.1
60°	485.3	468.9	452.9	435.6	416.8	396.8	377.4	357.0	335.8	314.9	293.6
57.5°	562.5	542.1	521.3	498.9	475.1	452.3	428.7	403.4	379.3	354.1	328.6
55°	651.1	626.5	599.8	570.6	540.4	513.2	484.4	455.4	426.2	394.4	366.2
52.5°	756.1	725.5	691.3	653.4	617.9	582.0	544.5	511.6	475.8	440.5	405.4
50°	889.9	846.5	799.4	751.6	707.7	660.2	616.2	573.0	529.6	488.8	447.9
47.5°	1050.3	992.8	928.4	869.1	810.9	752.1	697.8	640.7	591.0	539.6	494.2
45°	1245.2	1168.7	1086.0	1010.6	928.7	857.7	788.6	722.9	657.6	599.5	541.6
42.5°	1494.4	1382.9	1277.8	1177.8	1074.8	981.4	889.3	811.4	734.8	662.9	597.6
40°	1814.9	1652.4	1517.6	1374.0	1249.3	1124.2	1014.1	906.1	819.1	733.9	654.2
37.5°	2193.3	2003.1	1810.6	1614.2	1451.7	1294.6	1152.8	1025.7	907.3	810.4	718.4
35°	2593.4	2378.6	2148.0	1917.9	1680.7	1490.4	1310.3	1153.6	1015.5	890.5	784.5
32.5°	2992.6	2756.8	2502.9	2240.4	1973.9	1707.5	1491.4	1297.4	1124.5	982.2	856.8
30°	3391.7	3132.9	2854.8	2568.0	2275.7	1976.7	1681.8	1455.2	1252.2	1073.7	929.5
27.5°	3792.0	3511.5	3207.2	2891.8	2576.6	2250.6	1923.8	1618.0	1380.9	1179.2	1009.3
25°	4192.8	3879.2	3552.4	3209.1	2865.5	2518.9	2157.8	1816.9	1525.2	1284.7	1082.8
22.5°	4594.8	4242.6	3878.4	3509.6	3140.1	2769.8	2391.8	2011.8	1662.0	1392.1	1168.9
20°	4992.0	4596.5	4197.8	3798.0	3399.7	3003.7	2608.6	2202.8	1822.7	1503.2	1249.2
17.5°	5374.6	4935.2	4502.3	4069.0	3642.9	3223.1	2802.9	2379.1	1966.2	1602.1	1320.1
15°	5739.0	5259.6	4789.4	4324.1	3864.3	3413.4	2975.0	2533.9	2096.8	1705.3	1397.9
12.5°	6082.8	5559.6	5047.5	4542.3	4053.8	3581.2	3125.4	2669.8	2219.7	1805.8	1467.2
10°	6376.4	5815.1	5263.9	4731.3	4218.0	3723.9	3249.5	2784.8	2325.1	1889.4	1523.9
7.5°	6615.2	6020.5	5439.3	4880.5	4346.7	3837.6	3345.4	2873.0	2408.6	1954.8	1567.6
5°	6789.7	6171.6	5569.3	4991.1	4435.8	3920.3	3413.1	2933.4	2469.0	2001.2	1598.2
2.5°	6897.9	6263.1	5646.6	5058.3	4487.6	3970.0	3452.3	2969.8	2503.6	2026.8	1617.4
0°	6917.9	6305.8	5670.9	5065.4	4517.4	3984.9	3462.7	2983.1	2512.5	2032.2	1623.4
-2.5°	6897.9	6263.1	5646.6	5058.3	4487.6	3970.0	3452.3	2969.8	2503.6	2026.8	1617.4
-5°	6789.7	6171.6	5569.3	4991.1	4435.8	3920.3	3413.1	2933.4	2469.0	2001.2	1598.2
-7.5°	6615.2	6020.5	5439.3	4880.5	4346.7	3837.6	3345.4	2873.0	2408.6	1954.8	1567.6
-10°	6376.4	5815.1	5263.9	4731.3	4218.0	3723.9	3249.5	2784.8	2325.1	1889.4	1523.9
-12.5°	6082.8	5559.6	5047.5	4542.3	4053.8	3581.2	3125.4	2669.8	2219.7	1805.8	1467.2
-15°	5739.0	5259.6	4789.4	4324.1	3864.3	3413.4	2975.0	2533.9	2096.8	1705.3	1397.9
-17.5°	5374.6	4935.2	4502.3	4069.0	3642.9	3223.1	2802.9	2379.1	1966.2	1602.1	1320.1
-20°	4992.0	4596.5	4197.8	3798.0	3399.7	3003.7	2608.6	2202.8	1822.7	1503.2	1249.2



REPORT NUMBER: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	4594.8	4242.6	3878.4	3509.6	3140.1	2769.8	2391.8	2011.8	1662.0	1392.1	1168.9
-25°	4192.8	3879.2	3552.4	3209.1	2865.5	2518.9	2157.8	1816.9	1525.2	1284.7	1082.8
-27.5°	3792.0	3511.5	3207.2	2891.8	2576.6	2250.6	1923.8	1618.0	1380.9	1179.2	1009.3
-30°	3391.7	3132.9	2854.8	2568.0	2275.7	1976.7	1681.8	1455.2	1252.2	1073.7	929.5
-32.5°	2992.6	2756.8	2502.9	2240.4	1973.9	1707.5	1491.4	1297.4	1124.5	982.2	856.8
-35°	2593.4	2378.6	2148.0	1917.9	1680.7	1490.4	1310.3	1153.6	1015.5	890.5	784.5
-37.5°	2193.3	2003.1	1810.6	1614.2	1451.7	1294.6	1152.8	1025.7	907.3	810.4	718.4
-40°	1814.9	1652.4	1517.6	1374.0	1249.3	1124.2	1014.1	906.1	819.1	733.9	654.2
-42.5°	1494.4	1382.9	1277.8	1177.8	1074.8	981.4	889.3	811.4	734.8	662.9	597.6
-45°	1245.2	1168.7	1086.0	1010.6	928.7	857.7	788.6	722.9	657.6	599.5	541.6
-47.5°	1050.3	992.8	928.4	869.1	810.9	752.1	697.8	640.7	591.0	539.6	494.2
-50°	889.9	846.5	799.4	751.6	707.7	660.2	616.2	573.0	529.6	488.8	447.9
-52.5°	756.1	725.5	691.3	653.4	617.9	582.0	544.5	511.6	475.8	440.5	405.4
-55°	651.1	626.5	599.8	570.6	540.4	513.2	484.4	455.4	426.2	394.4	366.2
-57.5°	562.5	542.1	521.3	498.9	475.1	452.3	428.7	403.4	379.3	354.1	328.6
-60°	485.3	468.9	452.9	435.6	416.8	396.8	377.4	357.0	335.8	314.9	293.6
-62.5°	415.4	406.2	391.5	376.4	361.7	346.9	329.2	311.4	294.2	277.0	259.1
-65°	347.0	337.6	326.9	317.7	306.7	293.7	279.2	266.4	253.9	240.1	224.8
-67.5°	287.6	280.5	272.5	264.0	255.9	246.4	236.7	226.2	215.4	203.1	191.5
-70°	239.8	235.3	229.7	222.5	215.1	207.1	198.9	189.7	179.0	167.3	158.1
-72.5°	200.7	198.0	193.8	187.5	180.3	172.7	164.8	155.8	145.5	133.8	125.0
-75°	165.8	163.9	160.7	154.7	148.3	141.3	133.8	124.6	114.1	102.2	93.5
-77.5°	130.4	129.5	127.7	122.8	117.9	112.9	106.6	96.0	85.4	75.3	68.7
-80°	93.8	93.8	92.9	89.3	85.4	81.5	76.6	68.5	60.6	53.2	48.0
-82.5°	59.4	58.3	57.0	55.0	53.0	51.0	48.7	43.5	38.6	33.8	29.8
-85°	26.5	25.8	25.0	25.0	24.8	24.5	24.0	21.5	19.1	16.9	14.9
-87.5°	4.5	4.6	4.7	4.9	5.1	5.3	5.4	5.2	5.1	4.9	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	5.2	5.7	6.0	6.3	6.5	6.6	6.6	6.6	6.3	5.9	5.5
85°	15.6	15.9	15.8	15.4	14.4	13.3	13.3	13.1	12.6	11.9	11.0
82.5°	31.0	32.0	32.5	32.3	30.3	28.2	25.9	23.6	21.0	18.2	16.5
80°	49.8	50.9	51.3	50.5	46.9	43.1	39.8	36.4	33.0	29.2	25.0
77.5°	70.1	71.0	71.2	69.9	65.3	60.4	55.2	49.7	45.0	40.3	35.0
75°	91.9	92.2	92.0	89.7	84.1	77.8	71.5	64.6	57.7	51.3	45.0
72.5°	120.3	116.4	113.5	109.7	103.6	96.5	88.4	79.3	70.6	62.4	54.8
70°	150.0	141.8	135.4	129.6	122.8	115.3	106.3	94.8	83.2	73.3	64.0
67.5°	180.9	170.8	160.6	149.9	141.6	133.1	124.0	110.2	96.3	83.9	73.1
65°	211.1	198.6	187.0	173.1	161.0	150.7	140.4	124.8	108.8	94.5	81.9
62.5°	241.4	224.6	210.2	195.2	180.5	167.7	156.1	138.3	120.9	104.6	90.3
60°	272.6	253.0	233.3	216.0	199.4	183.9	169.4	151.5	132.6	114.2	98.3
57.5°	305.0	281.3	258.8	237.2	218.0	200.1	182.1	163.6	143.9	124.0	105.5
55°	337.6	310.9	284.5	259.7	236.9	216.5	195.4	175.1	154.7	133.6	111.2
52.5°	372.6	341.3	311.5	282.6	256.5	232.5	209.6	186.5	165.0	142.7	117.4
50°	409.6	373.5	339.5	307.2	276.0	249.3	223.4	198.9	175.0	151.5	123.3
47.5°	448.6	407.7	368.9	332.0	298.1	265.5	237.8	211.1	184.8	160.3	128.6
45°	491.5	442.8	399.2	358.6	319.2	283.9	252.0	222.8	195.3	166.5	133.4
42.5°	534.6	480.8	430.6	384.4	342.3	302.4	265.7	235.1	205.5	172.2	138.0
40°	584.4	519.6	462.2	412.1	365.1	320.2	281.4	246.9	215.0	177.9	142.6
37.5°	632.8	561.3	496.7	438.5	387.5	340.1	296.7	258.1	222.5	184.1	146.7
35°	689.9	604.4	529.5	466.5	410.6	359.2	311.0	269.5	230.7	190.0	150.4
32.5°	745.4	648.2	566.4	495.2	432.5	377.2	326.2	281.3	239.0	195.7	153.6
30°	806.4	695.9	601.3	522.1	454.2	395.7	341.4	292.4	247.5	201.0	156.7
27.5°	865.0	739.9	635.2	550.5	477.1	413.0	355.5	302.7	256.0	206.6	160.6
25°	923.0	787.4	672.5	577.6	498.1	428.8	368.5	312.4	264.3	212.9	164.1
22.5°	986.0	833.4	706.2	601.9	517.1	443.2	380.9	323.0	271.9	218.8	167.1
20°	1043.9	875.0	736.3	625.2	536.0	458.8	392.5	332.4	278.7	224.4	169.7
17.5°	1098.5	917.2	769.8	650.4	553.9	472.5	402.7	340.7	284.7	229.6	171.8
15°	1155.9	959.1	800.1	672.2	569.4	484.3	411.5	347.9	289.9	234.2	173.8
12.5°	1204.8	994.6	825.4	690.6	582.4	494.2	418.8	353.8	294.3	238.2	175.5
10°	1245.2	1023.3	845.9	705.4	592.9	502.1	424.7	358.6	297.9	241.2	176.5
7.5°	1276.6	1045.3	861.4	716.6	600.9	508.4	429.5	362.4	300.7	243.4	176.7
5°	1298.5	1060.7	872.8	724.5	607.0	512.8	433.0	364.9	302.6	244.6	176.2
2.5°	1310.0	1069.4	879.7	728.7	610.5	515.2	434.9	366.1	303.6	244.7	175.0
0°	1311.8	1071.0	881.7	729.2	611.4	515.6	435.3	366.1	303.5	243.8	173.1
-2.5°	1310.0	1069.4	879.7	728.7	610.5	515.2	434.9	366.1	303.6	244.7	175.0
-5°	1298.5	1060.7	872.8	724.5	607.0	512.8	433.0	364.9	302.6	244.6	176.2
-7.5°	1276.6	1045.3	861.4	716.6	600.9	508.4	429.5	362.4	300.7	243.4	176.7
-10°	1245.2	1023.3	845.9	705.4	592.9	502.1	424.7	358.6	297.9	241.2	176.5
-12.5°	1204.8	994.6	825.4	690.6	582.4	494.2	418.8	353.8	294.3	238.2	175.5
-15°	1155.9	959.1	800.1	672.2	569.4	484.3	411.5	347.9	289.9	234.2	173.8
-17.5°	1098.5	917.2	769.8	650.4	553.9	472.5	402.7	340.7	284.7	229.6	171.8
-20°	1043.9	875.0	736.3	625.2	536.0	458.8	392.5	332.4	278.7	224.4	169.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	986.0	833.4	706.2	601.9	517.1	443.2	380.9	323.0	271.9	218.8	167.1
-25°	923.0	787.4	672.5	577.6	498.1	428.8	368.5	312.4	264.3	212.9	164.1
-27.5°	865.0	739.9	635.2	550.5	477.1	413.0	355.5	302.7	256.0	206.6	160.6
-30°	806.4	695.9	601.3	522.1	454.2	395.7	341.4	292.4	247.5	201.0	156.7
-32.5°	745.4	648.2	566.4	495.2	432.5	377.2	326.2	281.3	239.0	195.7	153.6
-35°	689.9	604.4	529.5	466.5	410.6	359.2	311.0	269.5	230.7	190.0	150.4
-37.5°	632.8	561.3	496.7	438.5	387.5	340.1	296.7	258.1	222.5	184.1	146.7
-40°	584.4	519.6	462.2	412.1	365.1	320.2	281.4	246.9	215.0	177.9	142.6
-42.5°	534.6	480.8	430.6	384.4	342.3	302.4	265.7	235.1	205.5	172.2	138.0
-45°	491.5	442.8	399.2	358.6	319.2	283.9	252.0	222.8	195.3	166.5	133.4
-47.5°	448.6	407.7	368.9	332.0	298.1	265.5	237.8	211.1	184.8	160.3	128.6
-50°	409.6	373.5	339.5	307.2	276.0	249.3	223.4	198.9	175.0	151.5	123.3
-52.5°	372.6	341.3	311.5	282.6	256.5	232.5	209.6	186.5	165.0	142.7	117.4
-55°	337.6	310.9	284.5	259.7	236.9	216.5	195.4	175.1	154.7	133.6	111.2
-57.5°	305.0	281.3	258.8	237.2	218.0	200.1	182.1	163.6	143.9	124.0	105.5
-60°	272.6	253.0	233.3	216.0	199.4	183.9	169.4	151.5	132.6	114.2	98.3
-62.5°	241.4	224.6	210.2	195.2	180.5	167.7	156.1	138.3	120.9	104.6	90.3
-65°	211.1	198.6	187.0	173.1	161.0	150.7	140.4	124.8	108.8	94.5	81.9
-67.5°	180.9	170.8	160.6	149.9	141.6	133.1	124.0	110.2	96.3	83.9	73.1
-70°	150.0	141.8	135.4	129.6	122.8	115.3	106.3	94.8	83.2	73.3	64.0
-72.5°	120.3	116.4	113.5	109.7	103.6	96.5	88.4	79.3	70.6	62.4	54.8
-75°	91.9	92.2	92.0	89.7	84.1	77.8	71.5	64.6	57.7	51.3	45.0
-77.5°	70.1	71.0	71.2	69.9	65.3	60.4	55.2	49.7	45.0	40.3	35.0
-80°	49.8	50.9	51.3	50.5	46.9	43.1	39.8	36.4	33.0	29.2	25.0
-82.5°	31.0	32.0	32.5	32.3	30.3	28.2	25.9	23.6	21.0	18.2	16.5
-85°	15.6	15.9	15.8	15.4	14.4	13.3	13.3	13.1	12.6	11.9	11.0
-87.5°	5.2	5.7	6.0	6.3	6.5	6.6	6.6	6.6	6.3	5.9	5.5
-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: P627073 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	5.0	3.9	2.9	2.0	1.2	0.5	0.0
85°	9.9	7.7	5.8	4.0	2.4	1.1	0.0
82.5°	14.8	11.6	8.6	6.0	3.6	1.6	0.0
80°	20.1	15.3	11.4	7.9	4.8	2.1	0.0
77.5°	28.7	19.9	14.2	9.8	6.0	2.6	0.0
75°	37.0	26.1	17.2	11.7	7.2	3.1	0.0
72.5°	45.1	32.0	21.3	13.6	8.3	3.6	0.0
70°	52.8	37.7	25.2	15.5	9.4	4.1	0.0
67.5°	59.4	43.1	29.0	18.0	10.5	4.6	0.0
65°	65.7	48.1	32.6	20.3	11.5	5.1	0.0
62.5°	71.7	52.7	36.0	22.4	12.5	5.5	0.0
60°	77.3	57.0	39.2	24.5	13.5	5.9	0.0
57.5°	82.3	61.0	42.1	26.4	14.7	6.4	0.0
55°	87.0	64.7	44.9	28.2	15.8	6.8	0.0
52.5°	91.3	68.0	47.4	29.8	16.9	7.2	0.0
50°	95.1	71.1	49.7	31.3	17.9	7.5	0.0
47.5°	98.7	73.9	51.7	32.6	18.9	7.9	0.0
45°	102.8	76.4	53.5	33.9	19.8	8.2	0.0
42.5°	106.4	78.5	55.1	35.1	20.7	8.5	0.0
40°	109.5	80.4	56.5	36.4	21.5	8.8	0.0
37.5°	112.2	81.8	57.7	37.7	22.3	9.1	0.0
35°	114.5	83.5	58.7	38.9	23.0	9.3	0.0
32.5°	116.5	85.1	59.5	40.0	23.7	9.5	0.0
30°	118.8	86.3	60.0	41.0	24.3	9.7	0.0
27.5°	120.7	87.2	61.3	41.9	24.8	9.9	0.0
25°	122.2	87.7	62.5	42.7	25.3	10.0	0.0
22.5°	123.2	88.4	63.6	43.3	25.7	10.2	0.0
20°	123.8	90.0	64.6	43.9	26.0	10.3	0.0
17.5°	125.2	91.3	65.4	44.3	26.3	10.4	0.0
15°	126.8	92.4	66.0	44.6	26.5	10.4	0.0
12.5°	128.1	93.1	66.4	44.8	26.7	10.4	0.0
10°	128.8	93.6	66.7	44.9	26.8	10.5	0.0
7.5°	129.1	93.8	66.9	44.9	26.8	10.5	0.0
5°	129.0	93.7	66.9	44.8	26.8	10.4	0.0
2.5°	128.4	93.4	66.7	44.5	26.7	10.4	0.0
0°	127.4	92.8	66.3	44.2	26.5	10.3	0.0
-2.5°	128.4	93.4	66.7	44.5	26.7	10.4	0.0
-5°	129.0	93.7	66.9	44.8	26.8	10.4	0.0
-7.5°	129.1	93.8	66.9	44.9	26.8	10.5	0.0
-10°	128.8	93.6	66.7	44.9	26.8	10.5	0.0
-12.5°	128.1	93.1	66.4	44.8	26.7	10.4	0.0
-15°	126.8	92.4	66.0	44.6	26.5	10.4	0.0
-17.5°	125.2	91.3	65.4	44.3	26.3	10.4	0.0
-20°	123.8	90.0	64.6	43.9	26.0	10.3	0.0

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CATALOG NUMBER: GFLD-SA3B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.2	88.4	63.6	43.3	25.7	10.2	0.0
-25°	122.2	87.7	62.5	42.7	25.3	10.0	0.0
-27.5°	120.7	87.2	61.3	41.9	24.8	9.9	0.0
-30°	118.8	86.3	60.0	41.0	24.3	9.7	0.0
-32.5°	116.5	85.1	59.5	40.0	23.7	9.5	0.0
-35°	114.5	83.5	58.7	38.9	23.0	9.3	0.0
-37.5°	112.2	81.8	57.7	37.7	22.3	9.1	0.0
-40°	109.5	80.4	56.5	36.4	21.5	8.8	0.0
-42.5°	106.4	78.5	55.1	35.1	20.7	8.5	0.0
-45°	102.8	76.4	53.5	33.9	19.8	8.2	0.0
-47.5°	98.7	73.9	51.7	32.6	18.9	7.9	0.0
-50°	95.1	71.1	49.7	31.3	17.9	7.5	0.0
-52.5°	91.3	68.0	47.4	29.8	16.9	7.2	0.0
-55°	87.0	64.7	44.9	28.2	15.8	6.8	0.0
-57.5°	82.3	61.0	42.1	26.4	14.7	6.4	0.0
-60°	77.3	57.0	39.2	24.5	13.5	5.9	0.0
-62.5°	71.7	52.7	36.0	22.4	12.5	5.5	0.0
-65°	65.7	48.1	32.6	20.3	11.5	5.1	0.0
-67.5°	59.4	43.1	29.0	18.0	10.5	4.6	0.0
-70°	52.8	37.7	25.2	15.5	9.4	4.1	0.0
-72.5°	45.1	32.0	21.3	13.6	8.3	3.6	0.0
-75°	37.0	26.1	17.2	11.7	7.2	3.1	0.0
-77.5°	28.7	19.9	14.2	9.8	6.0	2.6	0.0
-80°	20.1	15.3	11.4	7.9	4.8	2.1	0.0
-82.5°	14.8	11.6	8.6	6.0	3.6	1.6	0.0
-85°	9.9	7.7	5.8	4.0	2.4	1.1	0.0
-87.5°	5.0	3.9	2.9	2.0	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)