

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: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-722-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N107
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

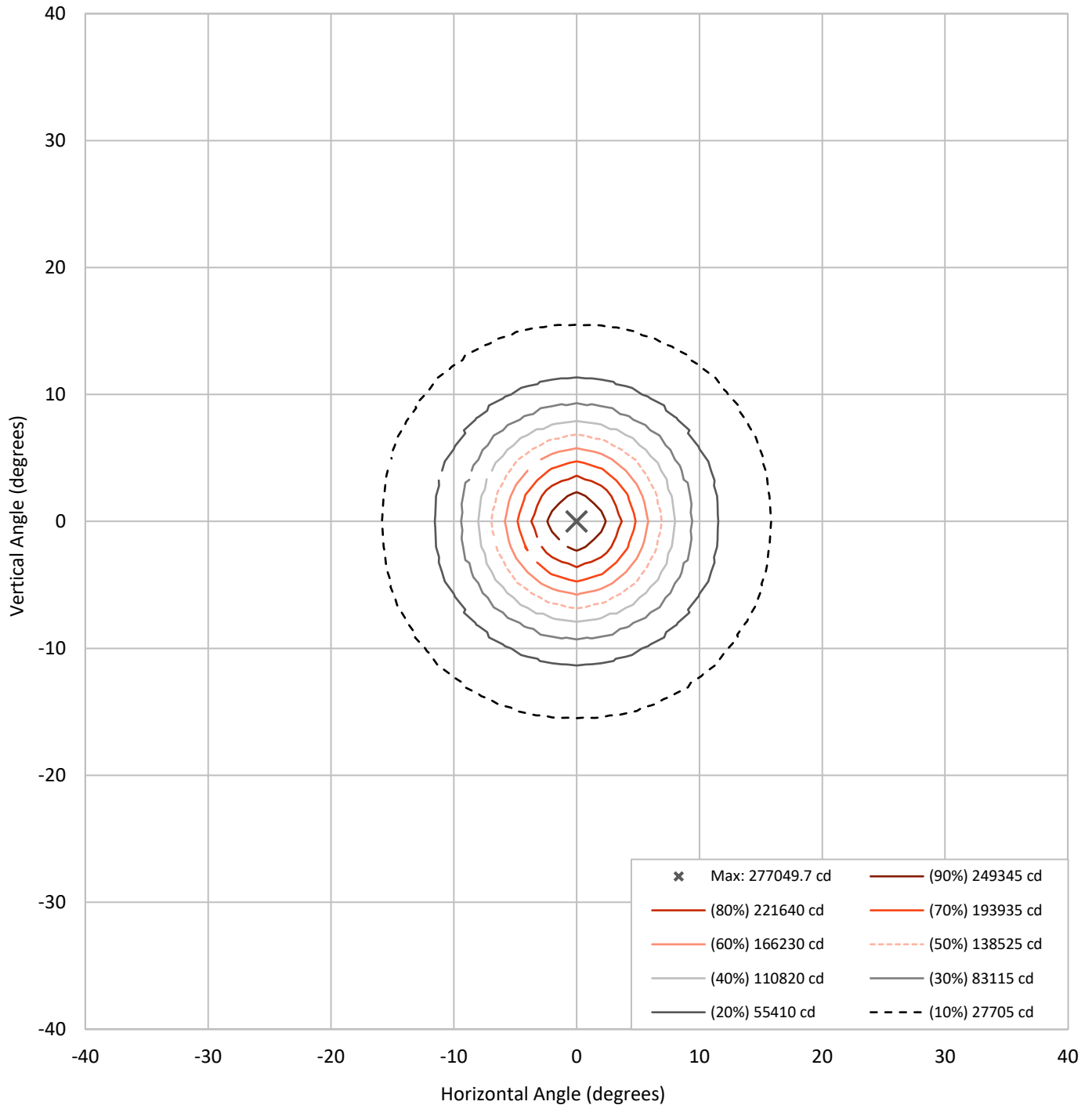
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	29418.6 lumens	Max Intensity:	277049.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	8697.8 lumens	Field Lumens:	19573.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





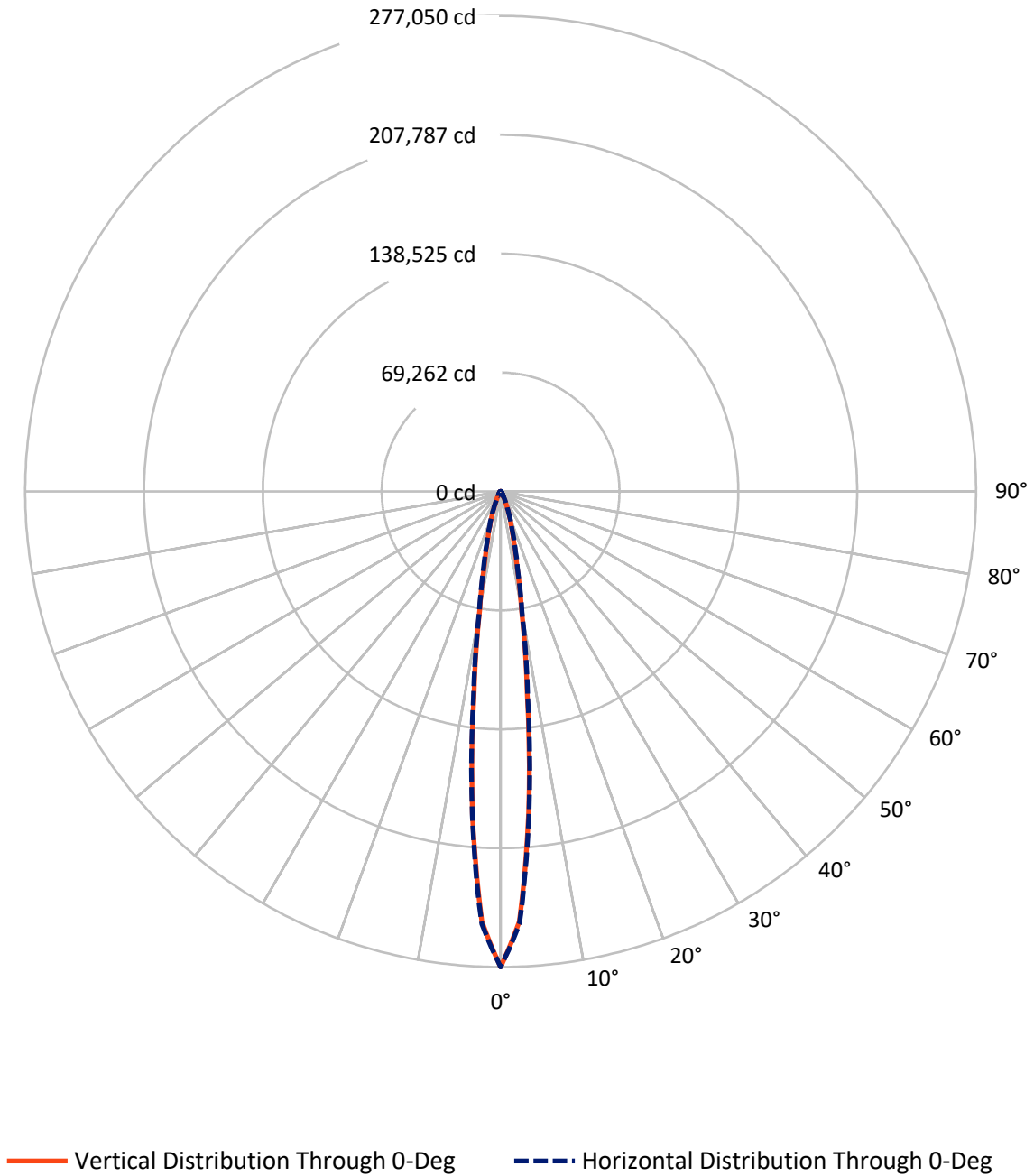
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Lumen Table

90	0.5		4.0		10.6		17.1		18.7		17.1		10.6		4.0		0.5		
80	0.5		4.0		10.6		17.1		18.7		17.1		10.6		4.0		0.5		
70	1.8	2.1	4.2	7.0	9.9	12.1	13.6	14.2	14.2	13.6	12.1	9.9	7.0	4.2	2.1	1.8			
60		3.1	6.4	10.4	13.9	17.0	19.0	19.8	19.8	19.0	17.0	13.9	10.4	6.4	3.1				
50	3.2	4.1	8.3	12.8	17.0	21.4	25.2	27.2	27.2	25.2	21.4	17.0	12.8	8.3	4.1	3.2			
40		4.9	9.7	14.7	20.9	30.1	42.4	52.5	52.5	42.4	30.1	20.9	14.7	9.7	4.9				
30	4.2	5.5	10.6	16.6	27.1	53.8	122.4	202.6	202.6	122.4	53.8	27.1	16.6	10.6	5.5	4.2			
20		5.9	11.2	18.3	35.9	114.1	405.3	872.9	872.9	405.3	114.1	35.9	18.3	11.2	5.9				
10	4.5	6.2	11.4	19.5	43.4	188.1	881.0	3806.0	3806.0	881.0	188.1	43.4	19.5	11.4	6.2	4.5			
0		6.2	11.4	19.5	43.4	188.1	881.0	3806.0	3806.0	881.0	188.1	43.4	19.5	11.4	6.2				
-10	4.2	5.9	11.2	18.3	35.9	114.1	405.3	872.9	872.9	405.3	114.1	35.9	18.3	11.2	5.9	4.2			
-20		5.5	10.6	16.6	27.1	53.8	122.4	202.6	202.6	122.4	53.8	27.1	16.6	10.6	5.5				
-30	3.2	4.9	9.7	14.7	20.9	30.1	42.4	52.5	52.5	42.4	30.1	20.9	14.7	9.7	4.9	3.2			
-40		4.1	8.3	12.8	17.0	21.4	25.2	27.2	27.2	25.2	21.4	17.0	12.8	8.3	4.1				
-50	1.8	3.1	6.4	10.4	13.9	17.0	19.0	19.8	19.8	19.0	17.0	13.9	10.4	6.4	3.1	1.8			
-60		2.1	4.2	7.0	9.9	12.1	13.6	14.2	14.2	13.6	12.1	9.9	7.0	4.2	2.1				
-70	0.5		4.0		10.6		17.1		18.7		17.1		10.6		4.0		0.5		
-80	0.5		4.0		10.6		17.1		18.7		17.1		10.6		4.0		0.5		
-90	0.5		4.0		10.6		17.1		18.7		17.1		10.6		4.0		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

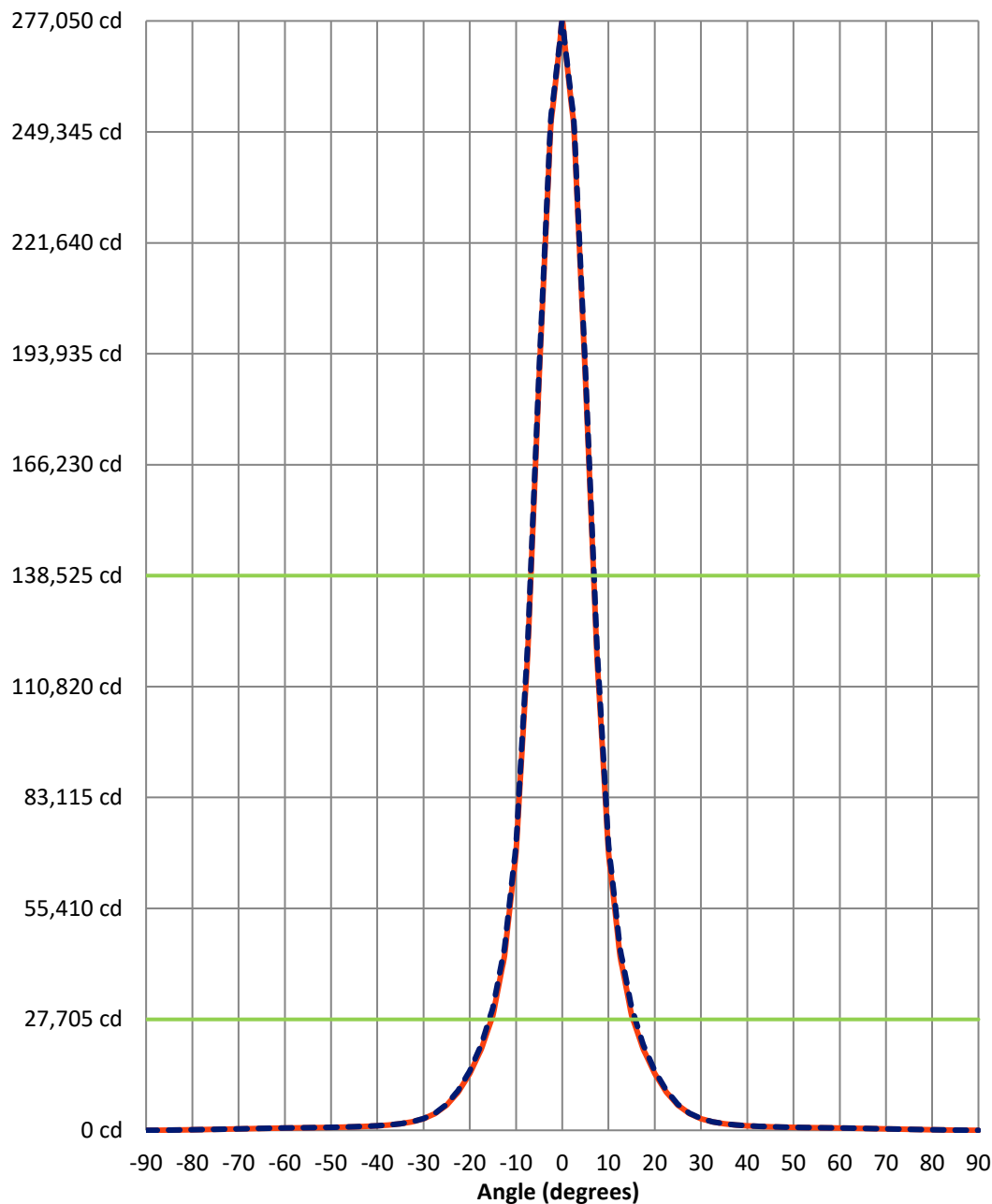
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 8697.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 19573.6
 Efficiency: 66.5%

Spill:
 Lumens: 9845
 Efficiency: 33.5%

— 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	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
85°	0.0	1.8	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
82.5°	0.0	2.7	6.2	9.3	12.3	15.3	18.4	21.3	24.5	28.9	33.2
80°	0.0	3.6	8.2	12.3	16.4	20.4	24.8	30.7	36.6	42.4	48.1
77.5°	0.0	4.5	10.2	15.3	20.4	26.2	33.8	41.3	48.6	55.8	63.5
75°	0.0	5.3	12.2	18.4	24.7	33.4	42.7	51.7	60.7	70.8	80.6
72.5°	0.0	6.2	14.1	21.3	30.1	40.4	51.4	62.5	74.4	86.1	97.6
70°	0.0	7.0	16.0	24.4	35.4	47.3	60.2	74.4	87.9	101.3	116.3
67.5°	0.0	7.9	17.8	28.2	40.6	54.0	70.1	86.1	101.3	118.4	135.2
65°	0.0	8.7	19.5	31.9	45.7	61.3	79.8	97.6	116.3	135.2	155.1
62.5°	0.0	9.4	21.3	35.4	50.6	69.3	89.4	110.0	131.0	152.4	177.4
60°	0.0	10.2	22.9	38.9	55.4	77.1	98.7	122.7	145.5	171.6	199.1
57.5°	0.0	10.9	25.0	42.3	61.4	84.6	108.9	135.0	161.3	190.2	220.0
55°	0.0	11.6	27.1	45.5	67.2	92.0	119.1	146.8	177.0	208.0	240.1
52.5°	0.0	12.3	29.2	48.6	72.9	99.3	128.9	159.5	192.0	225.2	259.4
50°	0.0	12.9	31.2	51.6	78.4	107.2	138.3	172.0	206.4	241.6	278.0
47.5°	0.0	13.5	33.1	54.7	83.7	114.8	147.6	184.0	220.2	257.2	296.2
45°	0.0	14.1	35.0	58.5	88.8	122.1	157.5	195.6	233.4	273.2	313.9
42.5°	0.0	14.6	36.8	62.1	93.7	129.0	167.0	206.6	246.1	288.7	331.2
40°	0.0	15.1	38.5	65.7	98.6	135.7	176.0	217.2	258.5	303.7	348.1
37.5°	0.0	15.5	40.1	69.1	103.6	141.9	184.5	227.2	271.0	317.7	364.3
35°	0.0	16.0	41.7	72.3	108.3	148.4	192.6	236.6	282.5	330.9	380.0
32.5°	0.0	16.3	43.2	75.4	112.8	154.6	200.1	245.4	293.2	343.3	393.6
30°	0.0	16.7	44.6	78.2	116.9	160.4	207.1	253.8	302.9	354.7	406.0
27.5°	0.0	17.0	46.0	80.8	120.8	165.8	213.6	261.6	311.9	365.3	417.1
25°	0.0	17.3	47.2	83.2	124.5	170.7	219.5	268.7	320.4	374.6	426.9
22.5°	0.0	17.5	48.3	85.5	127.9	175.2	224.9	275.1	328.1	382.6	435.5
20°	0.0	17.7	49.3	87.4	130.9	179.0	229.7	280.6	334.8	389.5	443.2
17.5°	0.0	17.8	50.3	89.2	133.6	182.3	233.7	285.3	340.7	395.3	450.1
15°	0.0	17.9	51.1	90.7	136.0	185.0	236.9	289.5	345.7	400.1	456.0
12.5°	0.0	18.0	51.8	92.0	138.0	187.1	239.5	293.3	349.9	403.7	460.9
10°	0.0	18.0	52.3	93.1	139.6	188.7	241.6	296.6	353.2	407.7	465.6
7.5°	0.0	18.0	52.8	93.9	140.9	189.7	243.0	299.2	355.4	411.0	471.1
5°	0.0	18.0	53.1	94.5	141.8	190.3	243.7	301.1	356.6	413.4	475.5
2.5°	0.0	17.9	53.3	94.9	142.3	190.3	243.9	302.3	356.8	415.0	478.8
0°	0.0	17.8	53.4	95.0	142.5	189.9	243.4	302.7	356.2	415.5	480.8
-2.5°	0.0	17.9	53.3	94.9	142.3	190.3	243.9	302.3	356.8	415.0	478.8
-5°	0.0	18.0	53.1	94.5	141.8	190.3	243.7	301.1	356.6	413.4	475.5
-7.5°	0.0	18.0	52.8	93.9	140.9	189.7	243.0	299.2	355.4	411.0	471.1
-10°	0.0	18.0	52.3	93.1	139.6	188.7	241.6	296.6	353.2	407.7	465.6
-12.5°	0.0	18.0	51.8	92.0	138.0	187.1	239.5	293.3	349.9	403.7	460.9
-15°	0.0	17.9	51.1	90.7	136.0	185.0	236.9	289.5	345.7	400.1	456.0
-17.5°	0.0	17.8	50.3	89.2	133.6	182.3	233.7	285.3	340.7	395.3	450.1
-20°	0.0	17.7	49.3	87.4	130.9	179.0	229.7	280.6	334.8	389.5	443.2

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CATALOG NUMBER: GFLD-SA5D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.5	48.3	85.5	127.9	175.2	224.9	275.1	328.1	382.6	435.5
-25°	0.0	17.3	47.2	83.2	124.5	170.7	219.5	268.7	320.4	374.6	426.9
-27.5°	0.0	17.0	46.0	80.8	120.8	165.8	213.6	261.6	311.9	365.3	417.1
-30°	0.0	16.7	44.6	78.2	116.9	160.4	207.1	253.8	302.9	354.7	406.0
-32.5°	0.0	16.3	43.2	75.4	112.8	154.6	200.1	245.4	293.2	343.3	393.6
-35°	0.0	16.0	41.7	72.3	108.3	148.4	192.6	236.6	282.5	330.9	380.0
-37.5°	0.0	15.5	40.1	69.1	103.6	141.9	184.5	227.2	271.0	317.7	364.3
-40°	0.0	15.1	38.5	65.7	98.6	135.7	176.0	217.2	258.5	303.7	348.1
-42.5°	0.0	14.6	36.8	62.1	93.7	129.0	167.0	206.6	246.1	288.7	331.2
-45°	0.0	14.1	35.0	58.5	88.8	122.1	157.5	195.6	233.4	273.2	313.9
-47.5°	0.0	13.5	33.1	54.7	83.7	114.8	147.6	184.0	220.2	257.2	296.2
-50°	0.0	12.9	31.2	51.6	78.4	107.2	138.3	172.0	206.4	241.6	278.0
-52.5°	0.0	12.3	29.2	48.6	72.9	99.3	128.9	159.5	192.0	225.2	259.4
-55°	0.0	11.6	27.1	45.5	67.2	92.0	119.1	146.8	177.0	208.0	240.1
-57.5°	0.0	10.9	25.0	42.3	61.4	84.6	108.9	135.0	161.3	190.2	220.0
-60°	0.0	10.2	22.9	38.9	55.4	77.1	98.7	122.7	145.5	171.6	199.1
-62.5°	0.0	9.4	21.3	35.4	50.6	69.3	89.4	110.0	131.0	152.4	177.4
-65°	0.0	8.7	19.5	31.9	45.7	61.3	79.8	97.6	116.3	135.2	155.1
-67.5°	0.0	7.9	17.8	28.2	40.6	54.0	70.1	86.1	101.3	118.4	135.2
-70°	0.0	7.0	16.0	24.4	35.4	47.3	60.2	74.4	87.9	101.3	116.3
-72.5°	0.0	6.2	14.1	21.3	30.1	40.4	51.4	62.5	74.4	86.1	97.6
-75°	0.0	5.3	12.2	18.4	24.7	33.4	42.7	51.7	60.7	70.8	80.6
-77.5°	0.0	4.5	10.2	15.3	20.4	26.2	33.8	41.3	48.6	55.8	63.5
-80°	0.0	3.6	8.2	12.3	16.4	20.4	24.8	30.7	36.6	42.4	48.1
-82.5°	0.0	2.7	6.2	9.3	12.3	15.3	18.4	21.3	24.5	28.9	33.2
-85°	0.0	1.8	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
-87.5°	0.0	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
-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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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°	10.9	11.8	12.7	13.6	14.4	15.2	16.0	16.8	17.5	18.2	18.8
85°	21.9	23.7	26.3	28.9	31.1	33.0	34.7	36.0	38.4	41.0	43.7
82.5°	37.3	41.4	45.4	49.3	52.0	54.1	56.1	59.1	64.4	69.4	74.0
80°	53.7	59.1	65.3	71.3	76.4	81.6	86.9	92.5	98.2	103.6	108.9
77.5°	71.6	79.5	87.3	94.8	102.3	110.3	118.2	125.7	132.9	139.7	146.3
75°	90.3	99.8	110.3	120.6	130.6	140.4	149.9	160.0	169.8	179.1	187.9
72.5°	110.0	122.7	135.1	147.1	160.1	172.9	185.2	197.0	208.6	220.7	233.4
70°	131.0	145.5	161.6	177.0	191.5	206.7	221.9	235.0	247.5	264.1	281.2
67.5°	152.6	172.1	190.3	207.7	227.0	244.9	260.5	277.1	294.9	314.2	331.0
65°	178.1	199.3	220.4	242.3	264.7	283.4	302.8	323.4	343.6	362.8	381.1
62.5°	203.2	227.1	251.4	275.3	298.4	320.8	344.2	367.2	389.3	411.6	431.3
60°	227.3	254.5	280.1	305.2	331.3	359.1	385.1	410.5	437.0	462.3	475.5
57.5°	250.7	279.7	306.5	334.6	365.3	396.7	423.9	452.8	475.5	493.0	510.1
55°	272.6	302.8	332.2	363.8	397.1	429.7	460.1	485.7	506.7	522.8	540.9
52.5°	293.2	325.0	357.0	391.6	426.8	461.6	493.4	517.5	536.4	552.8	569.8
50°	313.4	346.9	380.7	418.5	456.3	493.3	524.5	546.5	564.3	581.2	598.6
47.5°	333.3	368.4	404.7	445.1	486.0	521.8	551.3	571.4	589.4	609.2	628.4
45°	352.7	390.7	429.2	472.5	513.7	548.2	573.3	593.4	615.6	637.0	657.6
42.5°	371.8	412.7	454.5	499.4	539.2	570.2	593.6	617.4	641.4	664.2	687.4
40°	391.0	433.8	478.1	522.8	562.8	589.6	614.4	640.1	666.5	691.3	716.9
37.5°	409.3	453.7	499.4	544.5	580.9	608.0	633.7	662.1	689.9	717.0	750.4
35°	426.8	471.8	517.9	561.5	596.5	624.6	653.4	683.3	712.4	747.4	785.6
32.5°	442.4	488.1	534.8	575.4	609.7	640.0	672.3	703.4	738.5	778.1	823.9
30°	455.6	502.3	549.2	588.8	622.3	654.4	689.4	723.8	764.9	812.5	866.9
27.5°	467.1	515.1	560.6	600.3	634.4	666.4	703.2	746.6	793.7	847.1	911.0
25°	477.9	528.0	571.4	610.9	644.0	677.4	716.8	764.9	821.5	885.8	964.0
22.5°	488.1	540.4	582.4	620.9	651.6	687.6	732.1	784.3	845.9	921.2	1016.4
20°	497.9	549.7	591.2	628.7	657.3	696.5	745.5	801.3	871.2	961.0	1071.1
17.5°	506.9	557.6	598.1	633.4	664.7	706.0	757.4	815.1	893.2	997.2	1121.5
15°	515.1	564.2	603.6	637.2	671.3	716.0	769.7	832.2	917.6	1031.7	1166.1
12.5°	522.3	569.6	607.8	640.1	676.6	724.1	780.6	850.0	943.7	1065.7	1222.6
10°	528.4	573.7	610.8	642.1	680.6	730.4	789.7	864.5	964.6	1091.9	1266.1
7.5°	533.7	577.0	612.9	643.2	683.2	734.7	796.9	875.6	979.2	1110.6	1297.5
5°	537.4	579.6	615.3	646.9	687.2	738.2	802.1	883.2	987.8	1121.7	1317.0
2.5°	539.5	581.2	616.8	650.3	691.5	741.1	806.0	891.5	994.7	1132.5	1331.9
0°	540.2	581.7	617.3	652.9	694.5	742.0	807.3	896.3	997.2	1139.7	1341.5
-2.5°	539.5	581.2	616.8	650.3	691.5	741.1	806.0	891.5	994.7	1132.5	1331.9
-5°	537.4	579.6	615.3	646.9	687.2	738.2	802.1	883.2	987.8	1121.7	1317.0
-7.5°	533.7	577.0	612.9	643.2	683.2	734.7	796.9	875.6	979.2	1110.6	1297.5
-10°	528.4	573.7	610.8	642.1	680.6	730.4	789.7	864.5	964.6	1091.9	1266.1
-12.5°	522.3	569.6	607.8	640.1	676.6	724.1	780.6	850.0	943.7	1065.7	1222.6
-15°	515.1	564.2	603.6	637.2	671.3	716.0	769.7	832.2	917.6	1031.7	1166.1
-17.5°	506.9	557.6	598.1	633.4	664.7	706.0	757.4	815.1	893.2	997.2	1121.5
-20°	497.9	549.7	591.2	628.7	657.3	696.5	745.5	801.3	871.2	961.0	1071.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	488.1	540.4	582.4	620.9	651.6	687.6	732.1	784.3	845.9	921.2	1016.4
-25°	477.9	528.0	571.4	610.9	644.0	677.4	716.8	764.9	821.5	885.8	964.0
-27.5°	467.1	515.1	560.6	600.3	634.4	666.4	703.2	746.6	793.7	847.1	911.0
-30°	455.6	502.3	549.2	588.8	622.3	654.4	689.4	723.8	764.9	812.5	866.9
-32.5°	442.4	488.1	534.8	575.4	609.7	640.0	672.3	703.4	738.5	778.1	823.9
-35°	426.8	471.8	517.9	561.5	596.5	624.6	653.4	683.3	712.4	747.4	785.6
-37.5°	409.3	453.7	499.4	544.5	580.9	608.0	633.7	662.1	689.9	717.0	750.4
-40°	391.0	433.8	478.1	522.8	562.8	589.6	614.4	640.1	666.5	691.3	716.9
-42.5°	371.8	412.7	454.5	499.4	539.2	570.2	593.6	617.4	641.4	664.2	687.4
-45°	352.7	390.7	429.2	472.5	513.7	548.2	573.3	593.4	615.6	637.0	657.6
-47.5°	333.3	368.4	404.7	445.1	486.0	521.8	551.3	571.4	589.4	609.2	628.4
-50°	313.4	346.9	380.7	418.5	456.3	493.3	524.5	546.5	564.3	581.2	598.6
-52.5°	293.2	325.0	357.0	391.6	426.8	461.6	493.4	517.5	536.4	552.8	569.8
-55°	272.6	302.8	332.2	363.8	397.1	429.7	460.1	485.7	506.7	522.8	540.9
-57.5°	250.7	279.7	306.5	334.6	365.3	396.7	423.9	452.8	475.5	493.0	510.1
-60°	227.3	254.5	280.1	305.2	331.3	359.1	385.1	410.5	437.0	462.3	475.5
-62.5°	203.2	227.1	251.4	275.3	298.4	320.8	344.2	367.2	389.3	411.6	431.3
-65°	178.1	199.3	220.4	242.3	264.7	283.4	302.8	323.4	343.6	362.8	381.1
-67.5°	152.6	172.1	190.3	207.7	227.0	244.9	260.5	277.1	294.9	314.2	331.0
-70°	131.0	145.5	161.6	177.0	191.5	206.7	221.9	235.0	247.5	264.1	281.2
-72.5°	110.0	122.7	135.1	147.1	160.1	172.9	185.2	197.0	208.6	220.7	233.4
-75°	90.3	99.8	110.3	120.6	130.6	140.4	149.9	160.0	169.8	179.1	187.9
-77.5°	71.6	79.5	87.3	94.8	102.3	110.3	118.2	125.7	132.9	139.7	146.3
-80°	53.7	59.1	65.3	71.3	76.4	81.6	86.9	92.5	98.2	103.6	108.9
-82.5°	37.3	41.4	45.4	49.3	52.0	54.1	56.1	59.1	64.4	69.4	74.0
-85°	21.9	23.7	26.3	28.9	31.1	33.0	34.7	36.0	38.4	41.0	43.7
-87.5°	10.9	11.8	12.7	13.6	14.4	15.2	16.0	16.8	17.5	18.2	18.8
-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: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-NR-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°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	21.7	20.4
85°	46.4	48.2	49.8	51.3	52.7	54.0	55.1	56.1	57.0	56.2	55.3
82.5°	78.2	81.3	84.1	86.8	89.2	91.4	93.4	95.1	96.6	96.5	96.1
80°	113.8	118.9	124.0	129.0	134.0	137.0	139.2	140.8	142.0	142.5	142.6
77.5°	152.9	160.8	169.0	177.1	185.0	189.6	192.8	195.6	197.7	198.2	197.8
75°	196.3	206.4	217.6	227.5	236.0	241.1	244.8	247.9	250.3	251.0	250.7
72.5°	246.7	259.2	269.3	277.5	284.7	290.3	294.9	298.7	301.9	303.2	303.4
70°	296.3	308.7	318.2	326.6	333.6	339.5	344.9	349.6	353.4	356.2	358.3
67.5°	346.6	360.7	370.5	378.1	384.1	390.2	397.4	403.7	408.9	412.5	414.2
65°	398.2	412.7	422.2	430.5	437.8	445.5	453.6	459.5	463.4	465.8	467.4
62.5°	448.1	461.7	473.6	484.6	495.2	504.0	509.6	514.5	518.7	522.3	525.0
60°	490.9	508.4	521.7	532.2	542.6	552.6	559.4	564.7	568.9	572.0	574.0
57.5°	527.6	545.3	561.0	571.2	582.5	594.4	602.3	606.8	611.0	614.5	616.2
55°	559.6	575.9	590.4	604.4	617.0	627.8	636.1	642.2	647.3	651.4	652.8
52.5°	588.4	606.2	623.1	638.1	650.4	660.8	669.1	676.6	682.4	686.2	688.0
50°	618.6	637.8	656.0	672.3	685.0	696.6	706.9	715.8	724.3	731.1	735.9
47.5°	648.4	668.9	688.9	706.8	722.1	738.8	753.8	766.5	779.0	789.0	796.0
45°	678.5	702.0	723.8	747.0	767.7	789.5	809.9	827.4	845.4	859.0	868.2
42.5°	711.7	738.5	764.9	793.7	821.8	850.4	881.2	908.7	930.0	949.9	966.0
40°	747.4	778.1	812.5	847.8	889.3	927.0	968.4	1004.0	1036.1	1070.1	1097.2
37.5°	785.6	823.9	869.0	916.2	969.9	1021.5	1075.6	1128.8	1175.2	1229.9	1271.7
35°	827.7	878.8	934.3	998.3	1065.1	1139.0	1213.0	1298.5	1372.1	1453.1	1523.6
32.5°	877.6	938.5	1011.4	1095.7	1181.7	1293.7	1398.4	1534.6	1652.2	1780.7	1910.1
30°	928.8	1008.5	1102.6	1208.8	1345.4	1499.5	1671.3	1873.8	2082.6	2284.6	2528.3
27.5°	992.3	1088.5	1202.4	1357.7	1558.7	1767.0	2062.3	2366.3	2750.1	3067.5	3515.0
25°	1058.3	1171.6	1333.4	1544.6	1806.9	2168.4	2616.6	3102.4	3777.6	4370.8	5066.6
22.5°	1130.2	1283.1	1484.4	1745.1	2142.9	2697.7	3376.4	4290.9	5286.8	6344.2	7396.0
20°	1205.0	1390.0	1653.9	2031.7	2577.5	3329.0	4494.1	5905.9	7328.7	9073.3	10618.2
17.5°	1291.7	1527.2	1852.4	2324.8	3053.2	4204.4	5820.6	7791.6	9998.9	12507.4	14734.5
15°	1363.9	1644.7	2055.2	2716.2	3718.0	5196.3	7234.5	9946.0	13262.9	16631.8	20049.8
12.5°	1447.8	1772.5	2254.6	3042.8	4301.0	6265.6	9040.0	12472.0	16614.4	21287.3	26795.9
10°	1522.2	1898.1	2497.3	3472.9	5010.6	7380.9	10748.0	14876.9	20222.8	26945.9	35476.5
7.5°	1577.4	1998.0	2684.7	3800.4	5624.1	8453.2	12361.8	17510.4	24303.2	33181.1	44888.7
5°	1613.2	2070.3	2817.3	4053.0	6104.3	9251.2	13544.4	19378.3	27573.3	40129.5	59954.8
2.5°	1634.6	2113.1	2892.9	4201.1	6396.3	9780.0	14444.2	20790.7	29692.6	44423.7	69645.1
0°	1644.2	2125.0	2938.2	4279.7	6493.8	9984.1	14857.4	21434.3	30640.8	45427.0	71348.9
-2.5°	1634.6	2113.1	2892.9	4201.1	6396.3	9780.0	14444.2	20790.7	29692.6	44423.7	69645.1
-5°	1613.2	2070.3	2817.3	4053.0	6104.3	9251.2	13544.4	19378.3	27573.3	40129.5	59954.8
-7.5°	1577.4	1998.0	2684.7	3800.4	5624.1	8453.2	12361.8	17510.4	24303.2	33181.1	44888.7
-10°	1522.2	1898.1	2497.3	3472.9	5010.6	7380.9	10748.0	14876.9	20222.8	26945.9	35476.5
-12.5°	1447.8	1772.5	2254.6	3042.8	4301.0	6265.6	9040.0	12472.0	16614.4	21287.3	26795.9
-15°	1363.9	1644.7	2055.2	2716.2	3718.0	5196.3	7234.5	9946.0	13262.9	16631.8	20049.8
-17.5°	1291.7	1527.2	1852.4	2324.8	3053.2	4204.4	5820.6	7791.6	9998.9	12507.4	14734.5
-20°	1205.0	1390.0	1653.9	2031.7	2577.5	3329.0	4494.1	5905.9	7328.7	9073.3	10618.2



REPORT NUMBER: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1130.2	1283.1	1484.4	1745.1	2142.9	2697.7	3376.4	4290.9	5286.8	6344.2	7396.0
-25°	1058.3	1171.6	1333.4	1544.6	1806.9	2168.4	2616.6	3102.4	3777.6	4370.8	5066.6
-27.5°	992.3	1088.5	1202.4	1357.7	1558.7	1767.0	2062.3	2366.3	2750.1	3067.5	3515.0
-30°	928.8	1008.5	1102.6	1208.8	1345.4	1499.5	1671.3	1873.8	2082.6	2284.6	2528.3
-32.5°	877.6	938.5	1011.4	1095.7	1181.7	1293.7	1398.4	1534.6	1652.2	1780.7	1910.1
-35°	827.7	878.8	934.3	998.3	1065.1	1139.0	1213.0	1298.5	1372.1	1453.1	1523.6
-37.5°	785.6	823.9	869.0	916.2	969.9	1021.5	1075.6	1128.8	1175.2	1229.9	1271.7
-40°	747.4	778.1	812.5	847.8	889.3	927.0	968.4	1004.0	1036.1	1070.1	1097.2
-42.5°	711.7	738.5	764.9	793.7	821.8	850.4	881.2	908.7	930.0	949.9	966.0
-45°	678.5	702.0	723.8	747.0	767.7	789.5	809.9	827.4	845.4	859.0	868.2
-47.5°	648.4	668.9	688.9	706.8	722.1	738.8	753.8	766.5	779.0	789.0	796.0
-50°	618.6	637.8	656.0	672.3	685.0	696.6	706.9	715.8	724.3	731.1	735.9
-52.5°	588.4	606.2	623.1	638.1	650.4	660.8	669.1	676.6	682.4	686.2	688.0
-55°	559.6	575.9	590.4	604.4	617.0	627.8	636.1	642.2	647.3	651.4	652.8
-57.5°	527.6	545.3	561.0	571.2	582.5	594.4	602.3	606.8	611.0	614.5	616.2
-60°	490.9	508.4	521.7	532.2	542.6	552.6	559.4	564.7	568.9	572.0	574.0
-62.5°	448.1	461.7	473.6	484.6	495.2	504.0	509.6	514.5	518.7	522.3	525.0
-65°	398.2	412.7	422.2	430.5	437.8	445.5	453.6	459.5	463.4	465.8	467.4
-67.5°	346.6	360.7	370.5	378.1	384.1	390.2	397.4	403.7	408.9	412.5	414.2
-70°	296.3	308.7	318.2	326.6	333.6	339.5	344.9	349.6	353.4	356.2	358.3
-72.5°	246.7	259.2	269.3	277.5	284.7	290.3	294.9	298.7	301.9	303.2	303.4
-75°	196.3	206.4	217.6	227.5	236.0	241.1	244.8	247.9	250.3	251.0	250.7
-77.5°	152.9	160.8	169.0	177.1	185.0	189.6	192.8	195.6	197.7	198.2	197.8
-80°	113.8	118.9	124.0	129.0	134.0	137.0	139.2	140.8	142.0	142.5	142.6
-82.5°	78.2	81.3	84.1	86.8	89.2	91.4	93.4	95.1	96.6	96.5	96.1
-85°	46.4	48.2	49.8	51.3	52.7	54.0	55.1	56.1	57.0	56.2	55.3
-87.5°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	21.7	20.4
-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: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-NR-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°	19.1	17.7	17.8	17.8	17.8	17.7	19.1	20.4	21.7	22.9	22.6
85°	54.3	53.1	53.3	53.4	53.3	53.1	54.3	55.3	56.2	57.0	56.1
82.5°	95.4	94.5	94.9	95.0	94.9	94.5	95.4	96.1	96.5	96.6	95.1
80°	142.4	141.8	139.4	136.5	139.4	141.8	142.4	142.6	142.5	142.0	140.8
77.5°	196.7	195.0	192.7	189.9	192.7	195.0	196.7	197.8	198.2	197.7	195.6
75°	249.8	248.3	249.0	249.3	249.0	248.3	249.8	250.7	251.0	250.3	247.9
72.5°	302.8	301.5	302.3	302.7	302.3	301.5	302.8	303.4	303.2	301.9	298.7
70°	359.7	360.4	358.9	356.2	358.9	360.4	359.7	358.3	356.2	353.4	349.6
67.5°	414.7	414.1	412.3	409.6	412.3	414.1	414.7	414.2	412.5	408.9	403.7
65°	467.9	467.3	468.3	468.9	468.3	467.3	467.9	467.4	465.8	463.4	459.5
62.5°	526.3	526.4	525.1	522.4	525.1	526.4	526.3	525.0	522.3	518.7	514.5
60°	574.7	574.3	572.7	569.8	572.7	574.3	574.7	574.0	572.0	568.9	564.7
57.5°	616.7	616.1	614.3	611.4	614.3	616.1	616.7	616.2	614.5	611.0	606.8
55°	652.9	652.0	650.1	647.0	650.1	652.0	652.9	652.8	651.4	647.3	642.2
52.5°	688.5	687.7	688.0	688.6	688.0	687.7	688.5	688.0	686.2	682.4	676.6
50°	738.9	739.9	739.0	736.0	739.0	739.9	738.9	735.9	731.1	724.3	715.8
47.5°	799.3	799.6	798.2	795.4	798.2	799.6	799.3	796.0	789.0	779.0	766.5
45°	875.4	879.7	880.9	878.5	880.9	879.7	875.4	868.2	859.0	845.4	827.4
42.5°	978.5	985.2	987.2	985.4	987.2	985.2	978.5	966.0	949.9	930.0	908.7
40°	1113.8	1121.5	1122.9	1121.9	1122.9	1121.5	1113.8	1097.2	1070.1	1036.1	1004.0
37.5°	1301.0	1319.8	1328.6	1329.6	1328.6	1319.8	1301.0	1271.7	1229.9	1175.2	1128.8
35°	1577.4	1614.6	1634.6	1644.2	1634.6	1614.6	1577.4	1523.6	1453.1	1372.1	1298.5
32.5°	2008.1	2082.8	2124.1	2119.1	2124.1	2082.8	2008.1	1910.1	1780.7	1652.2	1534.6
30°	2711.9	2842.4	2908.1	2890.8	2908.1	2842.4	2711.9	2528.3	2284.6	2082.6	1873.8
27.5°	3836.4	4072.3	4208.7	4190.7	4208.7	4072.3	3836.4	3515.0	3067.5	2750.1	2366.3
25°	5648.2	6078.7	6354.4	6286.1	6354.4	6078.7	5648.2	5066.6	4370.8	3777.6	3102.4
22.5°	8404.2	9133.6	9616.3	9556.7	9616.3	9133.6	8404.2	7396.0	6344.2	5286.8	4290.9
20°	12184.7	13294.8	14087.6	14192.6	14087.6	13294.8	12184.7	10618.2	9073.3	7328.7	5905.9
17.5°	17140.3	18900.5	20125.8	20330.3	20125.8	18900.5	17140.3	14734.5	12507.4	9998.9	7791.6
15°	23580.7	26457.7	28539.9	28711.7	28539.9	26457.7	23580.7	20049.8	16631.8	13262.9	9946.0
12.5°	32325.8	38112.3	41888.7	43551.3	41888.7	38112.3	32325.8	26795.9	21287.3	16614.4	12472.0
10°	44428.6	57719.8	66231.7	69431.6	66231.7	57719.8	44428.6	35476.5	26945.9	20222.8	14876.9
7.5°	64644.0	85511.5	108710.6	118598.2	108710.6	85511.5	64644.0	44888.7	33181.1	24303.2	17510.4
5°	87536.2	130844.7	172038.6	188124.8	172038.6	130844.7	87536.2	59954.8	40129.5	27573.3	19378.3
2.5°	111624.8	171990.4	228557.6	250679.7	228557.6	171990.4	111624.8	69645.1	44423.7	29692.6	20790.7
0°	121031.9	190006.4	252243.8	277049.7	252243.8	190006.4	121031.9	71348.9	45427.0	30640.8	21434.3
-2.5°	111624.8	171990.4	228557.6	250679.7	228557.6	171990.4	111624.8	69645.1	44423.7	29692.6	20790.7
-5°	87536.2	130844.7	172038.6	188124.8	172038.6	130844.7	87536.2	59954.8	40129.5	27573.3	19378.3
-7.5°	64644.0	85511.5	108710.6	118598.2	108710.6	85511.5	64644.0	44888.7	33181.1	24303.2	17510.4
-10°	44428.6	57719.8	66231.7	69431.6	66231.7	57719.8	44428.6	35476.5	26945.9	20222.8	14876.9
-12.5°	32325.8	38112.3	41888.7	43551.3	41888.7	38112.3	32325.8	26795.9	21287.3	16614.4	12472.0
-15°	23580.7	26457.7	28539.9	28711.7	28539.9	26457.7	23580.7	20049.8	16631.8	13262.9	9946.0
-17.5°	17140.3	18900.5	20125.8	20330.3	20125.8	18900.5	17140.3	14734.5	12507.4	9998.9	7791.6
-20°	12184.7	13294.8	14087.6	14192.6	14087.6	13294.8	12184.7	10618.2	9073.3	7328.7	5905.9



REPORT NUMBER: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8404.2	9133.6	9616.3	9556.7	9616.3	9133.6	8404.2	7396.0	6344.2	5286.8	4290.9
-25°	5648.2	6078.7	6354.4	6286.1	6354.4	6078.7	5648.2	5066.6	4370.8	3777.6	3102.4
-27.5°	3836.4	4072.3	4208.7	4190.7	4208.7	4072.3	3836.4	3515.0	3067.5	2750.1	2366.3
-30°	2711.9	2842.4	2908.1	2890.8	2908.1	2842.4	2711.9	2528.3	2284.6	2082.6	1873.8
-32.5°	2008.1	2082.8	2124.1	2119.1	2124.1	2082.8	2008.1	1910.1	1780.7	1652.2	1534.6
-35°	1577.4	1614.6	1634.6	1644.2	1634.6	1614.6	1577.4	1523.6	1453.1	1372.1	1298.5
-37.5°	1301.0	1319.8	1328.6	1329.6	1328.6	1319.8	1301.0	1271.7	1229.9	1175.2	1128.8
-40°	1113.8	1121.5	1122.9	1121.9	1122.9	1121.5	1113.8	1097.2	1070.1	1036.1	1004.0
-42.5°	978.5	985.2	987.2	985.4	987.2	985.2	978.5	966.0	949.9	930.0	908.7
-45°	875.4	879.7	880.9	878.5	880.9	879.7	875.4	868.2	859.0	845.4	827.4
-47.5°	799.3	799.6	798.2	795.4	798.2	799.6	799.3	796.0	789.0	779.0	766.5
-50°	738.9	739.9	739.0	736.0	739.0	739.9	738.9	735.9	731.1	724.3	715.8
-52.5°	688.5	687.7	688.0	688.6	688.0	687.7	688.5	688.0	686.2	682.4	676.6
-55°	652.9	652.0	650.1	647.0	650.1	652.0	652.9	652.8	651.4	647.3	642.2
-57.5°	616.7	616.1	614.3	611.4	614.3	616.1	616.7	616.2	614.5	611.0	606.8
-60°	574.7	574.3	572.7	569.8	572.7	574.3	574.7	574.0	572.0	568.9	564.7
-62.5°	526.3	526.4	525.1	522.4	525.1	526.4	526.3	525.0	522.3	518.7	514.5
-65°	467.9	467.3	468.3	468.9	468.3	467.3	467.9	467.4	465.8	463.4	459.5
-67.5°	414.7	414.1	412.3	409.6	412.3	414.1	414.7	414.2	412.5	408.9	403.7
-70°	359.7	360.4	358.9	356.2	358.9	360.4	359.7	358.3	356.2	353.4	349.6
-72.5°	302.8	301.5	302.3	302.7	302.3	301.5	302.8	303.4	303.2	301.9	298.7
-75°	249.8	248.3	249.0	249.3	249.0	248.3	249.8	250.7	251.0	250.3	247.9
-77.5°	196.7	195.0	192.7	189.9	192.7	195.0	196.7	197.8	198.2	197.7	195.6
-80°	142.4	141.8	139.4	136.5	139.4	141.8	142.4	142.6	142.5	142.0	140.8
-82.5°	95.4	94.5	94.9	95.0	94.9	94.5	95.4	96.1	96.5	96.6	95.1
-85°	54.3	53.1	53.3	53.4	53.3	53.1	54.3	55.3	56.2	57.0	56.1
-87.5°	19.1	17.7	17.8	17.8	17.8	17.7	19.1	20.4	21.7	22.9	22.6
-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: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-NR-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°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8
85°	55.1	54.0	52.7	51.3	49.8	48.2	46.4	43.7	41.0	38.4	36.0
82.5°	93.4	91.4	89.2	86.8	84.1	81.3	78.2	74.0	69.4	64.4	59.1
80°	139.2	137.0	134.0	129.0	124.0	118.9	113.8	108.9	103.6	98.2	92.5
77.5°	192.8	189.6	185.0	177.1	169.0	160.8	152.9	146.3	139.7	132.9	125.7
75°	244.8	241.1	236.0	227.5	217.6	206.4	196.3	187.9	179.1	169.8	160.0
72.5°	294.9	290.3	284.7	277.5	269.3	259.2	246.7	233.4	220.7	208.6	197.0
70°	344.9	339.5	333.6	326.6	318.2	308.7	296.3	281.2	264.1	247.5	235.0
67.5°	397.4	390.2	384.1	378.1	370.5	360.7	346.6	331.0	314.2	294.9	277.1
65°	453.6	445.5	437.8	430.5	422.2	412.7	398.2	381.1	362.8	343.6	323.4
62.5°	509.6	504.0	495.2	484.6	473.6	461.7	448.1	431.3	411.6	389.3	367.2
60°	559.4	552.6	542.6	532.2	521.7	508.4	490.9	475.5	462.3	437.0	410.5
57.5°	602.3	594.4	582.5	571.2	561.0	545.3	527.6	510.1	493.0	475.5	452.8
55°	636.1	627.8	617.0	604.4	590.4	575.9	559.6	540.9	522.8	506.7	485.7
52.5°	669.1	660.8	650.4	638.1	623.1	606.2	588.4	569.8	552.8	536.4	517.5
50°	706.9	696.6	685.0	672.3	656.0	637.8	618.6	598.6	581.2	564.3	546.5
47.5°	753.8	738.8	722.1	706.8	688.9	668.9	648.4	628.4	609.2	589.4	571.4
45°	809.9	789.5	767.7	747.0	723.8	702.0	678.5	657.6	637.0	615.6	593.4
42.5°	881.2	850.4	821.8	793.7	764.9	738.5	711.7	687.4	664.2	641.4	617.4
40°	968.4	927.0	889.3	847.8	812.5	778.1	747.4	716.9	691.3	666.5	640.1
37.5°	1075.6	1021.5	969.9	916.2	869.0	823.9	785.6	750.4	717.0	689.9	662.1
35°	1213.0	1139.0	1065.1	998.3	934.3	878.8	827.7	785.6	747.4	712.4	683.3
32.5°	1398.4	1293.7	1181.7	1095.7	1011.4	938.5	877.6	823.9	778.1	738.5	703.4
30°	1671.3	1499.5	1345.4	1208.8	1102.6	1008.5	928.8	866.9	812.5	764.9	723.8
27.5°	2062.3	1767.0	1558.7	1357.7	1202.4	1088.5	992.3	911.0	847.1	793.7	746.6
25°	2616.6	2168.4	1806.9	1544.6	1333.4	1171.6	1058.3	964.0	885.8	821.5	764.9
22.5°	3376.4	2697.7	2142.9	1745.1	1484.4	1283.1	1130.2	1016.4	921.2	845.9	784.3
20°	4494.1	3329.0	2577.5	2031.7	1653.9	1390.0	1205.0	1071.1	961.0	871.2	801.3
17.5°	5820.6	4204.4	3053.2	2324.8	1852.4	1527.2	1291.7	1121.5	997.2	893.2	815.1
15°	7234.5	5196.3	3718.0	2716.2	2055.2	1644.7	1363.9	1166.1	1031.7	917.6	832.2
12.5°	9040.0	6265.6	4301.0	3042.8	2254.6	1772.5	1447.8	1222.6	1065.7	943.7	850.0
10°	10748.0	7380.9	5010.6	3472.9	2497.3	1898.1	1522.2	1266.1	1091.9	964.6	864.5
7.5°	12361.8	8453.2	5624.1	3800.4	2684.7	1998.0	1577.4	1297.5	1110.6	979.2	875.6
5°	13544.4	9251.2	6104.3	4053.0	2817.3	2070.3	1613.2	1317.0	1121.7	987.8	883.2
2.5°	14444.2	9780.0	6396.3	4201.1	2892.9	2113.1	1634.6	1331.9	1132.5	994.7	891.5
0°	14857.4	9984.1	6493.8	4279.7	2938.2	2125.0	1644.2	1341.5	1139.7	997.2	896.3
-2.5°	14444.2	9780.0	6396.3	4201.1	2892.9	2113.1	1634.6	1331.9	1132.5	994.7	891.5
-5°	13544.4	9251.2	6104.3	4053.0	2817.3	2070.3	1613.2	1317.0	1121.7	987.8	883.2
-7.5°	12361.8	8453.2	5624.1	3800.4	2684.7	1998.0	1577.4	1297.5	1110.6	979.2	875.6
-10°	10748.0	7380.9	5010.6	3472.9	2497.3	1898.1	1522.2	1266.1	1091.9	964.6	864.5
-12.5°	9040.0	6265.6	4301.0	3042.8	2254.6	1772.5	1447.8	1222.6	1065.7	943.7	850.0
-15°	7234.5	5196.3	3718.0	2716.2	2055.2	1644.7	1363.9	1166.1	1031.7	917.6	832.2
-17.5°	5820.6	4204.4	3053.2	2324.8	1852.4	1527.2	1291.7	1121.5	997.2	893.2	815.1
-20°	4494.1	3329.0	2577.5	2031.7	1653.9	1390.0	1205.0	1071.1	961.0	871.2	801.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3376.4	2697.7	2142.9	1745.1	1484.4	1283.1	1130.2	1016.4	921.2	845.9	784.3
-25°	2616.6	2168.4	1806.9	1544.6	1333.4	1171.6	1058.3	964.0	885.8	821.5	764.9
-27.5°	2062.3	1767.0	1558.7	1357.7	1202.4	1088.5	992.3	911.0	847.1	793.7	746.6
-30°	1671.3	1499.5	1345.4	1208.8	1102.6	1008.5	928.8	866.9	812.5	764.9	723.8
-32.5°	1398.4	1293.7	1181.7	1095.7	1011.4	938.5	877.6	823.9	778.1	738.5	703.4
-35°	1213.0	1139.0	1065.1	998.3	934.3	878.8	827.7	785.6	747.4	712.4	683.3
-37.5°	1075.6	1021.5	969.9	916.2	869.0	823.9	785.6	750.4	717.0	689.9	662.1
-40°	968.4	927.0	889.3	847.8	812.5	778.1	747.4	716.9	691.3	666.5	640.1
-42.5°	881.2	850.4	821.8	793.7	764.9	738.5	711.7	687.4	664.2	641.4	617.4
-45°	809.9	789.5	767.7	747.0	723.8	702.0	678.5	657.6	637.0	615.6	593.4
-47.5°	753.8	738.8	722.1	706.8	688.9	668.9	648.4	628.4	609.2	589.4	571.4
-50°	706.9	696.6	685.0	672.3	656.0	637.8	618.6	598.6	581.2	564.3	546.5
-52.5°	669.1	660.8	650.4	638.1	623.1	606.2	588.4	569.8	552.8	536.4	517.5
-55°	636.1	627.8	617.0	604.4	590.4	575.9	559.6	540.9	522.8	506.7	485.7
-57.5°	602.3	594.4	582.5	571.2	561.0	545.3	527.6	510.1	493.0	475.5	452.8
-60°	559.4	552.6	542.6	532.2	521.7	508.4	490.9	475.5	462.3	437.0	410.5
-62.5°	509.6	504.0	495.2	484.6	473.6	461.7	448.1	431.3	411.6	389.3	367.2
-65°	453.6	445.5	437.8	430.5	422.2	412.7	398.2	381.1	362.8	343.6	323.4
-67.5°	397.4	390.2	384.1	378.1	370.5	360.7	346.6	331.0	314.2	294.9	277.1
-70°	344.9	339.5	333.6	326.6	318.2	308.7	296.3	281.2	264.1	247.5	235.0
-72.5°	294.9	290.3	284.7	277.5	269.3	259.2	246.7	233.4	220.7	208.6	197.0
-75°	244.8	241.1	236.0	227.5	217.6	206.4	196.3	187.9	179.1	169.8	160.0
-77.5°	192.8	189.6	185.0	177.1	169.0	160.8	152.9	146.3	139.7	132.9	125.7
-80°	139.2	137.0	134.0	129.0	124.0	118.9	113.8	108.9	103.6	98.2	92.5
-82.5°	93.4	91.4	89.2	86.8	84.1	81.3	78.2	74.0	69.4	64.4	59.1
-85°	55.1	54.0	52.7	51.3	49.8	48.2	46.4	43.7	41.0	38.4	36.0
-87.5°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8
-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: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-NR-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°	16.0	15.2	14.4	13.6	12.7	11.8	10.9	10.0	9.1	8.1	7.1
85°	34.7	33.0	31.1	28.9	26.3	23.7	21.9	20.0	18.1	16.2	14.2
82.5°	56.1	54.1	52.0	49.3	45.4	41.4	37.3	33.2	28.9	24.5	21.3
80°	86.9	81.6	76.4	71.3	65.3	59.1	53.7	48.1	42.4	36.6	30.7
77.5°	118.2	110.3	102.3	94.8	87.3	79.5	71.6	63.5	55.8	48.6	41.3
75°	149.9	140.4	130.6	120.6	110.3	99.8	90.3	80.6	70.8	60.7	51.7
72.5°	185.2	172.9	160.1	147.1	135.1	122.7	110.0	97.6	86.1	74.4	62.5
70°	221.9	206.7	191.5	177.0	161.6	145.5	131.0	116.3	101.3	87.9	74.4
67.5°	260.5	244.9	227.0	207.7	190.3	172.1	152.6	135.2	118.4	101.3	86.1
65°	302.8	283.4	264.7	242.3	220.4	199.3	178.1	155.1	135.2	116.3	97.6
62.5°	344.2	320.8	298.4	275.3	251.4	227.1	203.2	177.4	152.4	131.0	110.0
60°	385.1	359.1	331.3	305.2	280.1	254.5	227.3	199.1	171.6	145.5	122.7
57.5°	423.9	396.7	365.3	334.6	306.5	279.7	250.7	220.0	190.2	161.3	135.0
55°	460.1	429.7	397.1	363.8	332.2	302.8	272.6	240.1	208.0	177.0	146.8
52.5°	493.4	461.6	426.8	391.6	357.0	325.0	293.2	259.4	225.2	192.0	159.5
50°	524.5	493.3	456.3	418.5	380.7	346.9	313.4	278.0	241.6	206.4	172.0
47.5°	551.3	521.8	486.0	445.1	404.7	368.4	333.3	296.2	257.2	220.2	184.0
45°	573.3	548.2	513.7	472.5	429.2	390.7	352.7	313.9	273.2	233.4	195.6
42.5°	593.6	570.2	539.2	499.4	454.5	412.7	371.8	331.2	288.7	246.1	206.6
40°	614.4	589.6	562.8	522.8	478.1	433.8	391.0	348.1	303.7	258.5	217.2
37.5°	633.7	608.0	580.9	544.5	499.4	453.7	409.3	364.3	317.7	271.0	227.2
35°	653.4	624.6	596.5	561.5	517.9	471.8	426.8	380.0	330.9	282.5	236.6
32.5°	672.3	640.0	609.7	575.4	534.8	488.1	442.4	393.6	343.3	293.2	245.4
30°	689.4	654.4	622.3	588.8	549.2	502.3	455.6	406.0	354.7	302.9	253.8
27.5°	703.2	666.4	634.4	600.3	560.6	515.1	467.1	417.1	365.3	311.9	261.6
25°	716.8	677.4	644.0	610.9	571.4	528.0	477.9	426.9	374.6	320.4	268.7
22.5°	732.1	687.6	651.6	620.9	582.4	540.4	488.1	435.5	382.6	328.1	275.1
20°	745.5	696.5	657.3	628.7	591.2	549.7	497.9	443.2	389.5	334.8	280.6
17.5°	757.4	706.0	664.7	633.4	598.1	557.6	506.9	450.1	395.3	340.7	285.3
15°	769.7	716.0	671.3	637.2	603.6	564.2	515.1	456.0	400.1	345.7	289.5
12.5°	780.6	724.1	676.6	640.1	607.8	569.6	522.3	460.9	403.7	349.9	293.3
10°	789.7	730.4	680.6	642.1	610.8	573.7	528.4	465.6	407.7	353.2	296.6
7.5°	796.9	734.7	683.2	643.2	612.9	577.0	533.7	471.1	411.0	355.4	299.2
5°	802.1	738.2	687.2	646.9	615.3	579.6	537.4	475.5	413.4	356.6	301.1
2.5°	806.0	741.1	691.5	650.3	616.8	581.2	539.5	478.8	415.0	356.8	302.3
0°	807.3	742.0	694.5	652.9	617.3	581.7	540.2	480.8	415.5	356.2	302.7
-2.5°	806.0	741.1	691.5	650.3	616.8	581.2	539.5	478.8	415.0	356.8	302.3
-5°	802.1	738.2	687.2	646.9	615.3	579.6	537.4	475.5	413.4	356.6	301.1
-7.5°	796.9	734.7	683.2	643.2	612.9	577.0	533.7	471.1	411.0	355.4	299.2
-10°	789.7	730.4	680.6	642.1	610.8	573.7	528.4	465.6	407.7	353.2	296.6
-12.5°	780.6	724.1	676.6	640.1	607.8	569.6	522.3	460.9	403.7	349.9	293.3
-15°	769.7	716.0	671.3	637.2	603.6	564.2	515.1	456.0	400.1	345.7	289.5
-17.5°	757.4	706.0	664.7	633.4	598.1	557.6	506.9	450.1	395.3	340.7	285.3
-20°	745.5	696.5	657.3	628.7	591.2	549.7	497.9	443.2	389.5	334.8	280.6

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	732.1	687.6	651.6	620.9	582.4	540.4	488.1	435.5	382.6	328.1	275.1
-25°	716.8	677.4	644.0	610.9	571.4	528.0	477.9	426.9	374.6	320.4	268.7
-27.5°	703.2	666.4	634.4	600.3	560.6	515.1	467.1	417.1	365.3	311.9	261.6
-30°	689.4	654.4	622.3	588.8	549.2	502.3	455.6	406.0	354.7	302.9	253.8
-32.5°	672.3	640.0	609.7	575.4	534.8	488.1	442.4	393.6	343.3	293.2	245.4
-35°	653.4	624.6	596.5	561.5	517.9	471.8	426.8	380.0	330.9	282.5	236.6
-37.5°	633.7	608.0	580.9	544.5	499.4	453.7	409.3	364.3	317.7	271.0	227.2
-40°	614.4	589.6	562.8	522.8	478.1	433.8	391.0	348.1	303.7	258.5	217.2
-42.5°	593.6	570.2	539.2	499.4	454.5	412.7	371.8	331.2	288.7	246.1	206.6
-45°	573.3	548.2	513.7	472.5	429.2	390.7	352.7	313.9	273.2	233.4	195.6
-47.5°	551.3	521.8	486.0	445.1	404.7	368.4	333.3	296.2	257.2	220.2	184.0
-50°	524.5	493.3	456.3	418.5	380.7	346.9	313.4	278.0	241.6	206.4	172.0
-52.5°	493.4	461.6	426.8	391.6	357.0	325.0	293.2	259.4	225.2	192.0	159.5
-55°	460.1	429.7	397.1	363.8	332.2	302.8	272.6	240.1	208.0	177.0	146.8
-57.5°	423.9	396.7	365.3	334.6	306.5	279.7	250.7	220.0	190.2	161.3	135.0
-60°	385.1	359.1	331.3	305.2	280.1	254.5	227.3	199.1	171.6	145.5	122.7
-62.5°	344.2	320.8	298.4	275.3	251.4	227.1	203.2	177.4	152.4	131.0	110.0
-65°	302.8	283.4	264.7	242.3	220.4	199.3	178.1	155.1	135.2	116.3	97.6
-67.5°	260.5	244.9	227.0	207.7	190.3	172.1	152.6	135.2	118.4	101.3	86.1
-70°	221.9	206.7	191.5	177.0	161.6	145.5	131.0	116.3	101.3	87.9	74.4
-72.5°	185.2	172.9	160.1	147.1	135.1	122.7	110.0	97.6	86.1	74.4	62.5
-75°	149.9	140.4	130.6	120.6	110.3	99.8	90.3	80.6	70.8	60.7	51.7
-77.5°	118.2	110.3	102.3	94.8	87.3	79.5	71.6	63.5	55.8	48.6	41.3
-80°	86.9	81.6	76.4	71.3	65.3	59.1	53.7	48.1	42.4	36.6	30.7
-82.5°	56.1	54.1	52.0	49.3	45.4	41.4	37.3	33.2	28.9	24.5	21.3
-85°	34.7	33.0	31.1	28.9	26.3	23.7	21.9	20.0	18.1	16.2	14.2
-87.5°	16.0	15.2	14.4	13.6	12.7	11.8	10.9	10.0	9.1	8.1	7.1
-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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Scaled Data Report



REPORT NUMBER: P627669 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-NR-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°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
85°	12.3	10.2	8.2	6.2	4.1	1.8	0.0
82.5°	18.4	15.3	12.3	9.3	6.2	2.7	0.0
80°	24.8	20.4	16.4	12.3	8.2	3.6	0.0
77.5°	33.8	26.2	20.4	15.3	10.2	4.5	0.0
75°	42.7	33.4	24.7	18.4	12.2	5.3	0.0
72.5°	51.4	40.4	30.1	21.3	14.1	6.2	0.0
70°	60.2	47.3	35.4	24.4	16.0	7.0	0.0
67.5°	70.1	54.0	40.6	28.2	17.8	7.9	0.0
65°	79.8	61.3	45.7	31.9	19.5	8.7	0.0
62.5°	89.4	69.3	50.6	35.4	21.3	9.4	0.0
60°	98.7	77.1	55.4	38.9	22.9	10.2	0.0
57.5°	108.9	84.6	61.4	42.3	25.0	10.9	0.0
55°	119.1	92.0	67.2	45.5	27.1	11.6	0.0
52.5°	128.9	99.3	72.9	48.6	29.2	12.3	0.0
50°	138.3	107.2	78.4	51.6	31.2	12.9	0.0
47.5°	147.6	114.8	83.7	54.7	33.1	13.5	0.0
45°	157.5	122.1	88.8	58.5	35.0	14.1	0.0
42.5°	167.0	129.0	93.7	62.1	36.8	14.6	0.0
40°	176.0	135.7	98.6	65.7	38.5	15.1	0.0
37.5°	184.5	141.9	103.6	69.1	40.1	15.5	0.0
35°	192.6	148.4	108.3	72.3	41.7	16.0	0.0
32.5°	200.1	154.6	112.8	75.4	43.2	16.3	0.0
30°	207.1	160.4	116.9	78.2	44.6	16.7	0.0
27.5°	213.6	165.8	120.8	80.8	46.0	17.0	0.0
25°	219.5	170.7	124.5	83.2	47.2	17.3	0.0
22.5°	224.9	175.2	127.9	85.5	48.3	17.5	0.0
20°	229.7	179.0	130.9	87.4	49.3	17.7	0.0
17.5°	233.7	182.3	133.6	89.2	50.3	17.8	0.0
15°	236.9	185.0	136.0	90.7	51.1	17.9	0.0
12.5°	239.5	187.1	138.0	92.0	51.8	18.0	0.0
10°	241.6	188.7	139.6	93.1	52.3	18.0	0.0
7.5°	243.0	189.7	140.9	93.9	52.8	18.0	0.0
5°	243.7	190.3	141.8	94.5	53.1	18.0	0.0
2.5°	243.9	190.3	142.3	94.9	53.3	17.9	0.0
0°	243.4	189.9	142.5	95.0	53.4	17.8	0.0
-2.5°	243.9	190.3	142.3	94.9	53.3	17.9	0.0
-5°	243.7	190.3	141.8	94.5	53.1	18.0	0.0
-7.5°	243.0	189.7	140.9	93.9	52.8	18.0	0.0
-10°	241.6	188.7	139.6	93.1	52.3	18.0	0.0
-12.5°	239.5	187.1	138.0	92.0	51.8	18.0	0.0
-15°	236.9	185.0	136.0	90.7	51.1	17.9	0.0
-17.5°	233.7	182.3	133.6	89.2	50.3	17.8	0.0
-20°	229.7	179.0	130.9	87.4	49.3	17.7	0.0

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CATALOG NUMBER: GFLD-SA5D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	224.9	175.2	127.9	85.5	48.3	17.5	0.0
-25°	219.5	170.7	124.5	83.2	47.2	17.3	0.0
-27.5°	213.6	165.8	120.8	80.8	46.0	17.0	0.0
-30°	207.1	160.4	116.9	78.2	44.6	16.7	0.0
-32.5°	200.1	154.6	112.8	75.4	43.2	16.3	0.0
-35°	192.6	148.4	108.3	72.3	41.7	16.0	0.0
-37.5°	184.5	141.9	103.6	69.1	40.1	15.5	0.0
-40°	176.0	135.7	98.6	65.7	38.5	15.1	0.0
-42.5°	167.0	129.0	93.7	62.1	36.8	14.6	0.0
-45°	157.5	122.1	88.8	58.5	35.0	14.1	0.0
-47.5°	147.6	114.8	83.7	54.7	33.1	13.5	0.0
-50°	138.3	107.2	78.4	51.6	31.2	12.9	0.0
-52.5°	128.9	99.3	72.9	48.6	29.2	12.3	0.0
-55°	119.1	92.0	67.2	45.5	27.1	11.6	0.0
-57.5°	108.9	84.6	61.4	42.3	25.0	10.9	0.0
-60°	98.7	77.1	55.4	38.9	22.9	10.2	0.0
-62.5°	89.4	69.3	50.6	35.4	21.3	9.4	0.0
-65°	79.8	61.3	45.7	31.9	19.5	8.7	0.0
-67.5°	70.1	54.0	40.6	28.2	17.8	7.9	0.0
-70°	60.2	47.3	35.4	24.4	16.0	7.0	0.0
-72.5°	51.4	40.4	30.1	21.3	14.1	6.2	0.0
-75°	42.7	33.4	24.7	18.4	12.2	5.3	0.0
-77.5°	33.8	26.2	20.4	15.3	10.2	4.5	0.0
-80°	24.8	20.4	16.4	12.3	8.2	3.6	0.0
-82.5°	18.4	15.3	12.3	9.3	6.2	2.7	0.0
-85°	12.3	10.2	8.2	6.2	4.1	1.8	0.0
-87.5°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)