

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: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627909 (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-SA6D-722-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N131
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

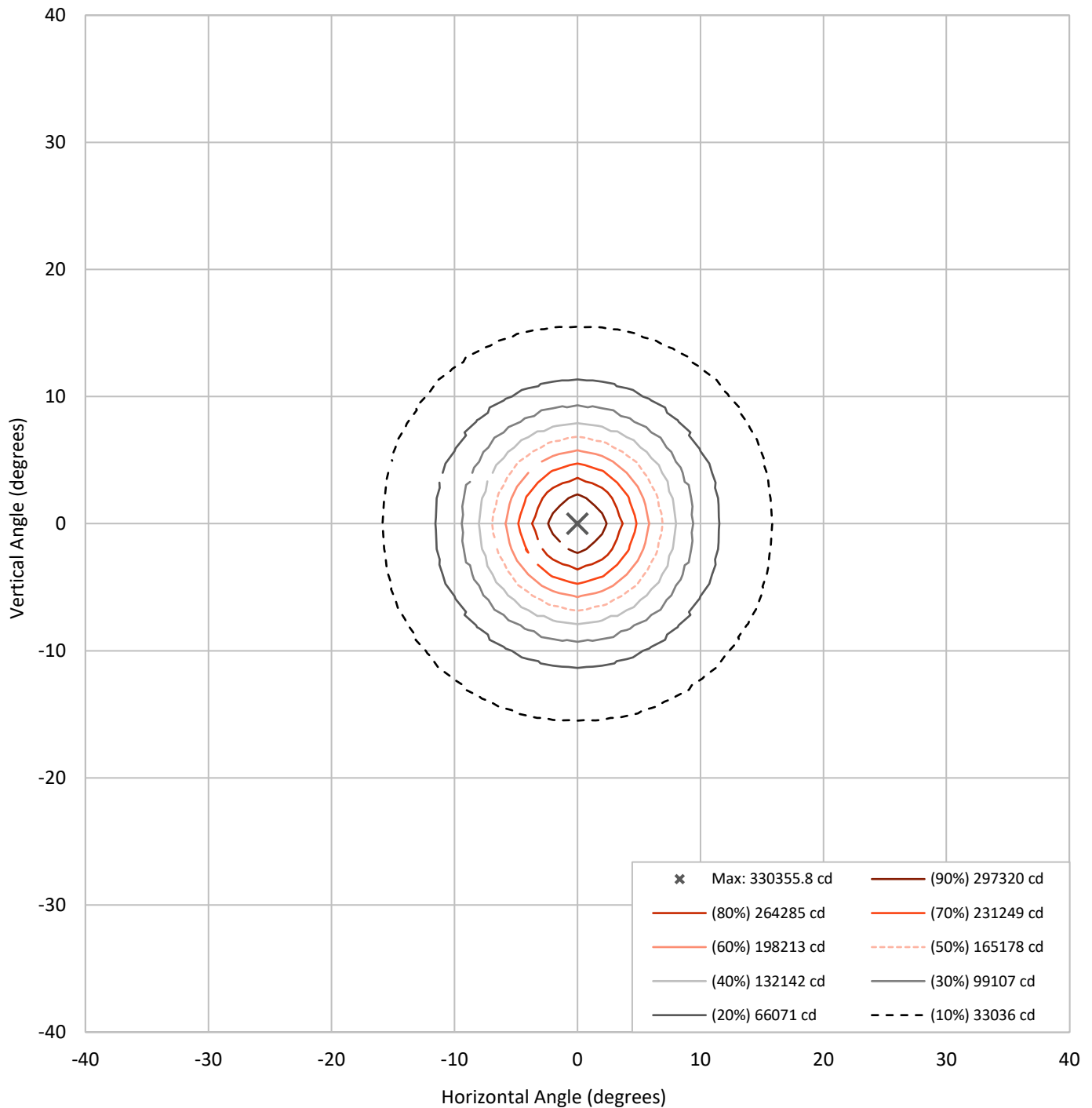
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	35078.9 lumens	Max Intensity:	330355.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.6 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:	10371.3 lumens	Field Lumens:	23339.7 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	325.9		
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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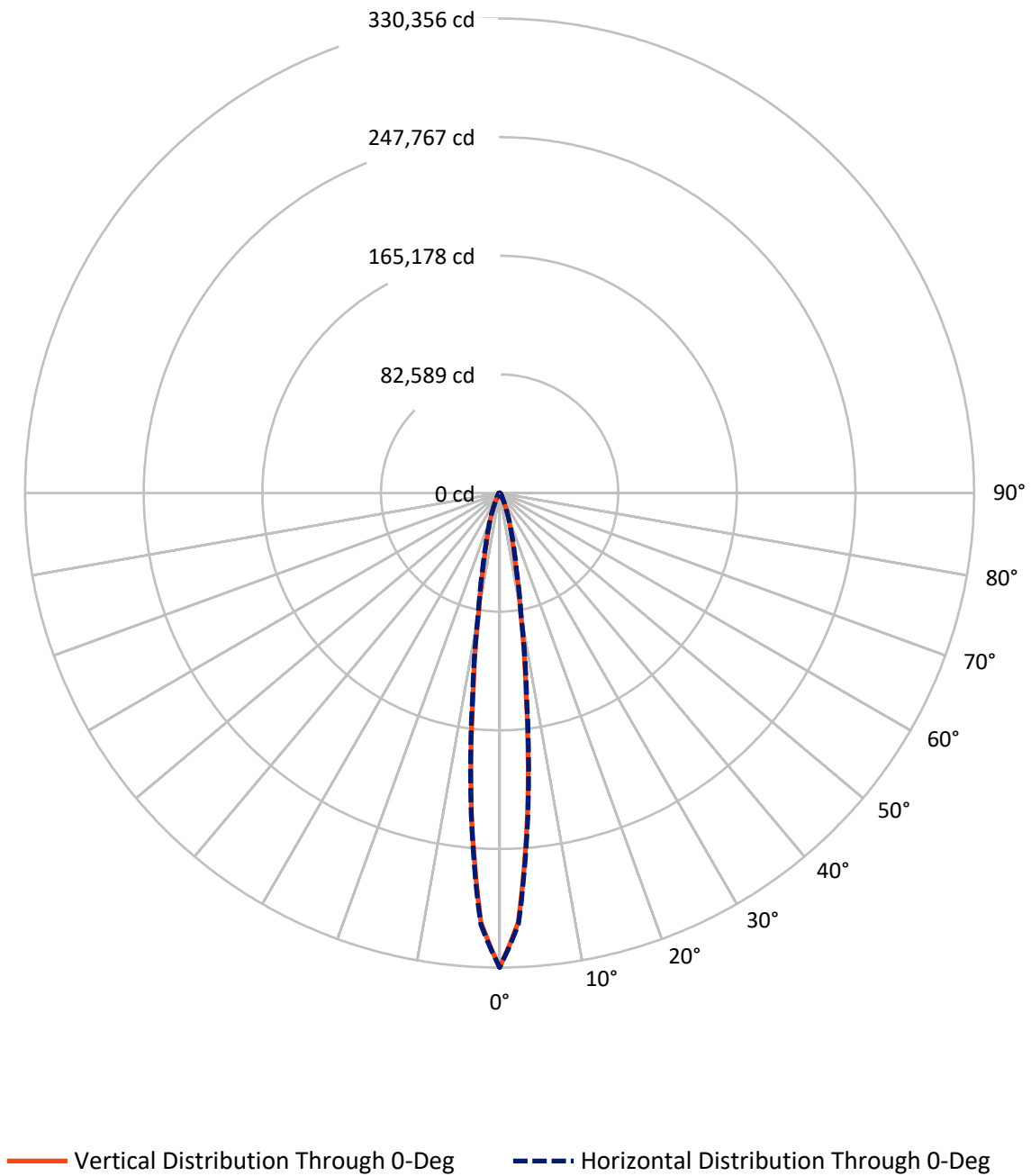
CATALOG NUMBER: GFLD-SA6D-722-U-NR-XX

Lumen Table

90	0.6	4.8	12.6	20.4	22.3	20.4	12.6	4.8	0.6							
80	0.6	4.8	12.6	20.4	22.3	20.4	12.6	4.8	0.6							
70	2.2	2.4	5.1	8.3	11.8	14.4	16.2	16.9	16.9	16.2	14.4	11.8	8.3	5.1	2.4	2.2
60		3.7	7.6	12.4	16.6	20.2	22.6	23.6	23.6	22.6	20.2	16.6	12.4	7.6	3.7	
50	3.8	4.9	9.9	15.2	20.3	25.5	30.0	32.4	32.4	30.0	25.5	20.3	15.2	9.9	4.9	3.8
40		5.9	11.6	17.6	24.9	35.9	50.6	62.6	62.6	50.6	35.9	24.9	17.6	11.6	5.9	
30	5.0	6.6	12.7	19.8	32.3	64.1	146.0	241.6	241.6	146.0	64.1	32.3	19.8	12.7	6.6	5.0
20		7.1	13.3	21.9	42.8	136.1	483.3	1040.9	1040.9	483.3	136.1	42.8	21.9	13.3	7.1	
10	5.3	7.4	13.6	23.2	51.8	224.3	1050.6	4538.3	4538.3	1050.6	224.3	51.8	23.2	13.6	7.4	5.3
0		7.4	13.6	23.2	51.8	224.3	1050.6	4538.3	4538.3	1050.6	224.3	51.8	23.2	13.6	7.4	
-10	5.0	7.1	13.3	21.9	42.8	136.1	483.3	1040.9	1040.9	483.3	136.1	42.8	21.9	13.3	7.1	5.0
-20		6.6	12.7	19.8	32.3	64.1	146.0	241.6	241.6	146.0	64.1	32.3	19.8	12.7	6.6	
-30	3.8	5.9	11.6	17.6	24.9	35.9	50.6	62.6	62.6	50.6	35.9	24.9	17.6	11.6	5.9	3.8
-40		4.9	9.9	15.2	20.3	25.5	30.0	32.4	32.4	30.0	25.5	20.3	15.2	9.9	4.9	
-50	2.2	3.7	7.6	12.4	16.6	20.2	22.6	23.6	23.6	22.6	20.2	16.6	12.4	7.6	3.7	2.2
-60		2.4	5.1	8.3	11.8	14.4	16.2	16.9	16.9	16.2	14.4	11.8	8.3	5.1	2.4	
-70	0.6	4.8	12.6	20.4	22.3	20.4	12.6	4.8	0.6							
-80		0.6	4.8	12.6	20.4	22.3	20.4	12.6	4.8	0.6						
-90	0.6	4.8	12.6	20.4	22.3	20.4	12.6	4.8	0.6							

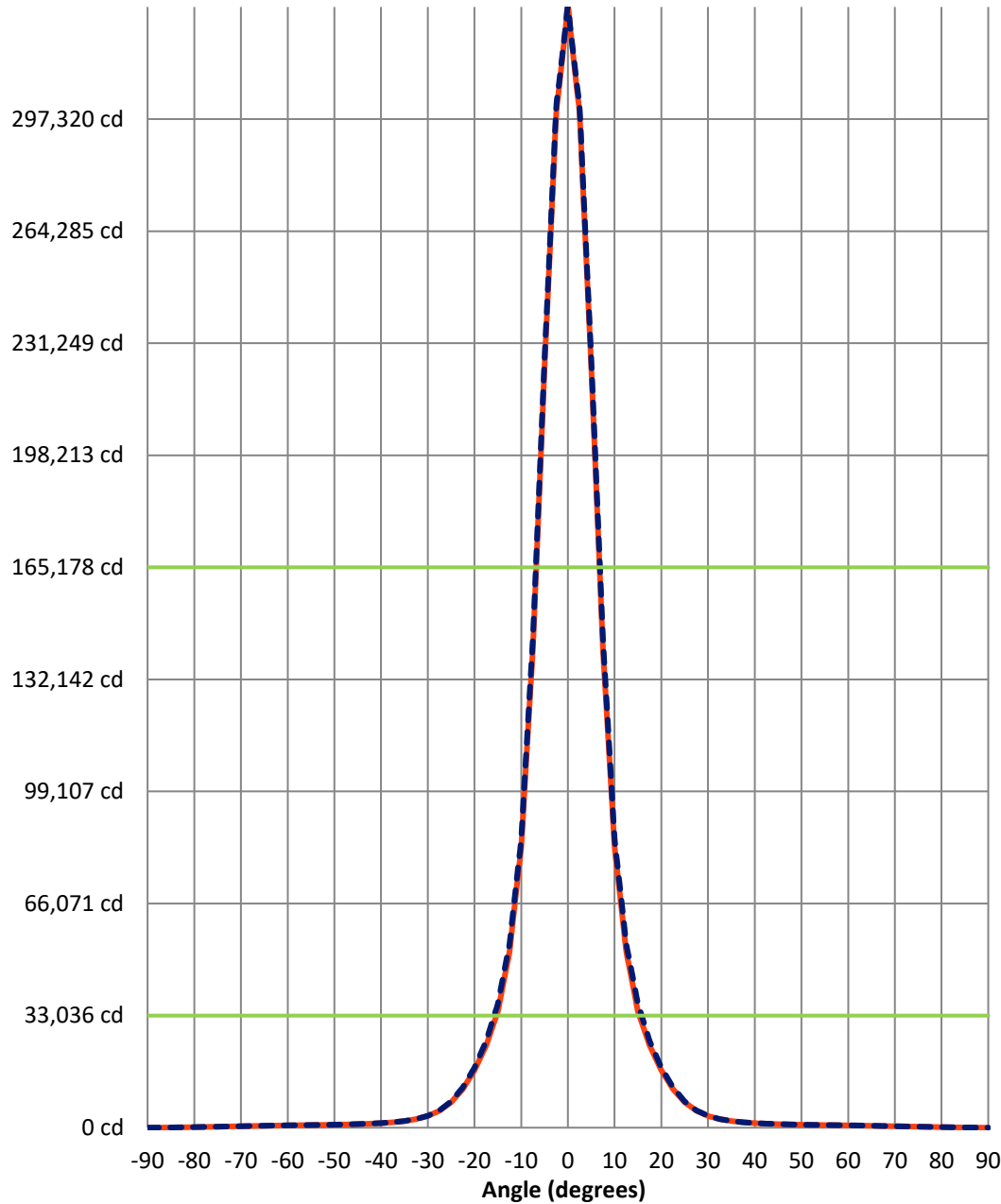
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 10371.3
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 23339.7
 Efficiency: 66.5%

Spill:
 Lumens: 11739.3
 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	1.1	2.5	3.7	4.9	6.1	7.3	8.5	9.7	10.8	12.0
85°	0.0	2.2	4.9	7.4	9.8	12.2	14.6	17.0	19.3	21.6	23.9
82.5°	0.0	3.2	7.4	11.1	14.7	18.3	21.9	25.5	29.3	34.5	39.6
80°	0.0	4.3	9.8	14.7	19.6	24.4	29.6	36.7	43.7	50.6	57.3
77.5°	0.0	5.3	12.2	18.3	24.4	31.3	40.3	49.2	58.0	66.6	75.7
75°	0.0	6.4	14.5	21.9	29.5	39.8	50.9	61.7	72.4	84.3	96.1
72.5°	0.0	7.4	16.8	25.5	35.9	48.2	61.3	74.5	88.7	102.6	116.4
70°	0.0	8.4	19.0	29.2	42.2	56.4	71.7	88.7	104.8	120.8	138.7
67.5°	0.0	9.4	21.2	33.6	48.4	64.4	83.6	102.6	120.8	141.2	161.2
65°	0.0	10.3	23.3	38.0	54.5	73.1	95.2	116.4	138.7	161.2	184.9
62.5°	0.0	11.2	25.4	42.3	60.3	82.6	106.5	131.2	156.2	181.7	211.5
60°	0.0	12.1	27.3	46.4	66.0	91.9	117.6	146.3	173.4	204.6	237.3
57.5°	0.0	13.0	29.9	50.4	73.2	100.9	129.9	160.9	192.3	226.7	262.3
55°	0.0	13.8	32.4	54.3	80.2	109.7	141.9	175.0	211.0	248.1	286.3
52.5°	0.0	14.6	34.8	58.0	87.0	118.3	153.6	190.2	229.0	268.6	309.4
50°	0.0	15.4	37.2	61.5	93.5	127.8	164.9	205.1	246.2	288.1	331.5
47.5°	0.0	16.1	39.5	65.3	99.8	136.8	176.0	219.5	262.6	306.8	353.2
45°	0.0	16.8	41.7	69.8	105.8	145.5	187.8	233.3	278.4	325.8	374.3
42.5°	0.0	17.4	43.9	74.1	111.6	153.8	199.1	246.5	293.5	344.3	394.9
40°	0.0	18.0	45.9	78.3	117.5	161.7	209.8	259.0	308.3	362.2	415.0
37.5°	0.0	18.5	47.9	82.4	123.5	169.2	220.0	270.9	323.1	378.8	434.4
35°	0.0	19.0	49.8	86.2	129.1	176.9	229.6	282.2	336.9	394.6	453.1
32.5°	0.0	19.5	51.6	89.8	134.4	184.4	238.6	292.7	349.6	409.3	469.3
30°	0.0	19.9	53.2	93.2	139.3	191.3	247.0	302.6	361.2	423.0	484.1
27.5°	0.0	20.3	54.8	96.3	144.1	197.7	254.7	312.0	371.9	435.6	497.3
25°	0.0	20.6	56.3	99.2	148.5	203.6	261.8	320.5	382.1	446.6	509.1
22.5°	0.0	20.8	57.6	101.8	152.5	208.9	268.2	328.0	391.2	456.2	519.3
20°	0.0	21.1	58.9	104.2	156.1	213.5	273.9	334.6	399.3	464.5	528.5
17.5°	0.0	21.2	60.0	106.3	159.3	217.3	278.7	340.2	406.3	471.4	536.7
15°	0.0	21.4	60.9	108.1	162.1	220.6	282.5	345.2	412.3	477.1	543.7
12.5°	0.0	21.4	61.8	109.7	164.5	223.1	285.6	349.8	417.3	481.4	549.6
10°	0.0	21.5	62.4	110.9	166.4	225.0	288.0	353.7	421.1	486.1	555.2
7.5°	0.0	21.5	63.0	111.9	167.9	226.3	289.7	356.8	423.7	490.1	561.7
5°	0.0	21.4	63.4	112.6	169.0	226.9	290.6	359.1	425.2	493.0	567.0
2.5°	0.0	21.3	63.6	113.1	169.7	227.0	290.8	360.5	425.5	494.9	570.9
0°	0.0	21.2	63.7	113.2	169.9	226.5	290.2	361.0	424.7	495.5	573.3
-2.5°	0.0	21.3	63.6	113.1	169.7	227.0	290.8	360.5	425.5	494.9	570.9
-5°	0.0	21.4	63.4	112.6	169.0	226.9	290.6	359.1	425.2	493.0	567.0
-7.5°	0.0	21.5	63.0	111.9	167.9	226.3	289.7	356.8	423.7	490.1	561.7
-10°	0.0	21.5	62.4	110.9	166.4	225.0	288.0	353.7	421.1	486.1	555.2
-12.5°	0.0	21.4	61.8	109.7	164.5	223.1	285.6	349.8	417.3	481.4	549.6
-15°	0.0	21.4	60.9	108.1	162.1	220.6	282.5	345.2	412.3	477.1	543.7
-17.5°	0.0	21.2	60.0	106.3	159.3	217.3	278.7	340.2	406.3	471.4	536.7
-20°	0.0	21.1	58.9	104.2	156.1	213.5	273.9	334.6	399.3	464.5	528.5

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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	20.8	57.6	101.8	152.5	208.9	268.2	328.0	391.2	456.2	519.3
-25°	0.0	20.6	56.3	99.2	148.5	203.6	261.8	320.5	382.1	446.6	509.1
-27.5°	0.0	20.3	54.8	96.3	144.1	197.7	254.7	312.0	371.9	435.6	497.3
-30°	0.0	19.9	53.2	93.2	139.3	191.3	247.0	302.6	361.2	423.0	484.1
-32.5°	0.0	19.5	51.6	89.8	134.4	184.4	238.6	292.7	349.6	409.3	469.3
-35°	0.0	19.0	49.8	86.2	129.1	176.9	229.6	282.2	336.9	394.6	453.1
-37.5°	0.0	18.5	47.9	82.4	123.5	169.2	220.0	270.9	323.1	378.8	434.4
-40°	0.0	18.0	45.9	78.3	117.5	161.7	209.8	259.0	308.3	362.2	415.0
-42.5°	0.0	17.4	43.9	74.1	111.6	153.8	199.1	246.5	293.5	344.3	394.9
-45°	0.0	16.8	41.7	69.8	105.8	145.5	187.8	233.3	278.4	325.8	374.3
-47.5°	0.0	16.1	39.5	65.3	99.8	136.8	176.0	219.5	262.6	306.8	353.2
-50°	0.0	15.4	37.2	61.5	93.5	127.8	164.9	205.1	246.2	288.1	331.5
-52.5°	0.0	14.6	34.8	58.0	87.0	118.3	153.6	190.2	229.0	268.6	309.4
-55°	0.0	13.8	32.4	54.3	80.2	109.7	141.9	175.0	211.0	248.1	286.3
-57.5°	0.0	13.0	29.9	50.4	73.2	100.9	129.9	160.9	192.3	226.7	262.3
-60°	0.0	12.1	27.3	46.4	66.0	91.9	117.6	146.3	173.4	204.6	237.3
-62.5°	0.0	11.2	25.4	42.3	60.3	82.6	106.5	131.2	156.2	181.7	211.5
-65°	0.0	10.3	23.3	38.0	54.5	73.1	95.2	116.4	138.7	161.2	184.9
-67.5°	0.0	9.4	21.2	33.6	48.4	64.4	83.6	102.6	120.8	141.2	161.2
-70°	0.0	8.4	19.0	29.2	42.2	56.4	71.7	88.7	104.8	120.8	138.7
-72.5°	0.0	7.4	16.8	25.5	35.9	48.2	61.3	74.5	88.7	102.6	116.4
-75°	0.0	6.4	14.5	21.9	29.5	39.8	50.9	61.7	72.4	84.3	96.1
-77.5°	0.0	5.3	12.2	18.3	24.4	31.3	40.3	49.2	58.0	66.6	75.7
-80°	0.0	4.3	9.8	14.7	19.6	24.4	29.6	36.7	43.7	50.6	57.3
-82.5°	0.0	3.2	7.4	11.1	14.7	18.3	21.9	25.5	29.3	34.5	39.6
-85°	0.0	2.2	4.9	7.4	9.8	12.2	14.6	17.0	19.3	21.6	23.9
-87.5°	0.0	1.1	2.5	3.7	4.9	6.1	7.3	8.5	9.7	10.8	12.0
-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°	13.1	14.1	15.2	16.2	17.2	18.2	19.1	20.0	20.9	21.7	22.4
85°	26.1	28.3	31.4	34.5	37.1	39.4	41.3	43.0	45.9	49.0	52.1
82.5°	44.5	49.4	54.2	58.8	62.0	64.5	66.9	70.5	76.8	82.8	88.3
80°	64.0	70.5	77.8	85.0	91.1	97.3	103.7	110.2	117.1	123.6	129.8
77.5°	85.4	94.8	104.0	113.0	121.9	131.6	140.9	149.8	158.4	166.6	174.4
75°	107.7	119.0	131.5	143.8	155.7	167.3	178.7	190.8	202.4	213.5	224.1
72.5°	131.2	146.3	161.0	175.4	190.9	206.1	220.8	235.0	248.8	263.2	278.4
70°	156.2	173.4	192.6	211.0	228.4	246.6	264.7	280.3	295.2	315.0	335.4
67.5°	181.9	205.2	226.9	247.7	270.8	292.1	310.6	330.5	351.7	374.6	394.7
65°	212.3	237.6	262.8	289.0	315.7	337.9	361.1	385.7	409.7	432.5	454.3
62.5°	242.2	270.8	299.7	328.3	355.8	382.5	410.4	437.7	464.1	490.8	514.2
60°	271.0	303.5	334.0	363.9	395.0	428.1	459.1	489.4	521.1	551.2	567.0
57.5°	298.9	333.5	365.5	399.0	435.5	472.9	505.4	539.9	567.0	587.9	608.3
55°	325.1	361.1	396.1	433.8	473.4	512.3	548.6	579.2	604.2	623.4	645.0
52.5°	349.6	387.6	425.7	466.9	508.9	550.4	588.3	617.0	639.5	659.2	679.5
50°	373.7	413.6	453.8	499.0	544.1	588.2	625.4	651.6	672.9	693.0	713.8
47.5°	397.4	439.2	482.6	530.7	579.5	622.2	657.3	681.3	702.8	726.5	749.3
45°	420.6	465.9	511.9	563.4	612.5	653.6	683.5	707.6	734.1	759.6	784.1
42.5°	443.3	492.1	541.9	595.4	642.9	679.9	707.8	736.2	764.8	792.0	819.6
40°	466.1	517.3	570.1	623.3	671.1	703.1	732.6	763.2	794.7	824.3	854.8
37.5°	488.1	541.0	595.4	649.2	692.6	725.0	755.7	789.5	822.7	854.9	894.8
35°	508.9	562.6	617.5	669.5	711.4	744.8	779.2	814.7	849.5	891.2	936.7
32.5°	527.5	582.0	637.6	686.1	727.0	763.2	801.6	838.8	880.6	927.8	982.4
30°	543.2	598.9	654.8	702.2	742.1	780.4	822.1	863.1	911.9	968.7	1033.6
27.5°	557.0	614.2	668.5	715.9	756.5	794.6	838.5	890.2	946.3	1010.0	1086.2
25°	569.9	629.6	681.4	728.5	768.0	807.8	854.8	912.0	979.5	1056.2	1149.5
22.5°	582.1	644.4	694.5	740.4	777.0	820.0	872.9	935.2	1008.6	1098.5	1212.0
20°	593.7	655.4	705.0	749.7	783.8	830.6	888.9	955.4	1038.8	1146.0	1277.3
17.5°	604.4	664.9	713.2	755.3	792.6	841.9	903.0	971.9	1065.1	1189.2	1337.3
15°	614.1	672.8	719.8	759.8	800.5	853.7	917.7	992.3	1094.1	1230.3	1390.4
12.5°	622.7	679.2	724.8	763.2	806.8	863.4	930.8	1013.6	1125.3	1270.7	1457.8
10°	630.1	684.1	728.4	765.6	811.5	870.9	941.7	1030.9	1150.2	1302.0	1509.7
7.5°	636.3	688.0	730.8	767.0	814.6	876.0	950.2	1044.1	1167.6	1324.3	1547.1
5°	640.7	691.1	733.7	771.4	819.4	880.1	956.4	1053.1	1177.9	1337.6	1570.4
2.5°	643.3	693.0	735.5	775.5	824.5	883.6	961.0	1063.0	1186.1	1350.5	1588.1
0°	644.1	693.6	736.1	778.6	828.1	884.7	962.6	1068.8	1189.1	1359.0	1599.6
-2.5°	643.3	693.0	735.5	775.5	824.5	883.6	961.0	1063.0	1186.1	1350.5	1588.1
-5°	640.7	691.1	733.7	771.4	819.4	880.1	956.4	1053.1	1177.9	1337.6	1570.4
-7.5°	636.3	688.0	730.8	767.0	814.6	876.0	950.2	1044.1	1167.6	1324.3	1547.1
-10°	630.1	684.1	728.4	765.6	811.5	870.9	941.7	1030.9	1150.2	1302.0	1509.7
-12.5°	622.7	679.2	724.8	763.2	806.8	863.4	930.8	1013.6	1125.3	1270.7	1457.8
-15°	614.1	672.8	719.8	759.8	800.5	853.7	917.7	992.3	1094.1	1230.3	1390.4
-17.5°	604.4	664.9	713.2	755.3	792.6	841.9	903.0	971.9	1065.1	1189.2	1337.3
-20°	593.7	655.4	705.0	749.7	783.8	830.6	888.9	955.4	1038.8	1146.0	1277.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	582.1	644.4	694.5	740.4	777.0	820.0	872.9	935.2	1008.6	1098.5	1212.0
-25°	569.9	629.6	681.4	728.5	768.0	807.8	854.8	912.0	979.5	1056.2	1149.5
-27.5°	557.0	614.2	668.5	715.9	756.5	794.6	838.5	890.2	946.3	1010.0	1086.2
-30°	543.2	598.9	654.8	702.2	742.1	780.4	822.1	863.1	911.9	968.7	1033.6
-32.5°	527.5	582.0	637.6	686.1	727.0	763.2	801.6	838.8	880.6	927.8	982.4
-35°	508.9	562.6	617.5	669.5	711.4	744.8	779.2	814.7	849.5	891.2	936.7
-37.5°	488.1	541.0	595.4	649.2	692.6	725.0	755.7	789.5	822.7	854.9	894.8
-40°	466.1	517.3	570.1	623.3	671.1	703.1	732.6	763.2	794.7	824.3	854.8
-42.5°	443.3	492.1	541.9	595.4	642.9	679.9	707.8	736.2	764.8	792.0	819.6
-45°	420.6	465.9	511.9	563.4	612.5	653.6	683.5	707.6	734.1	759.6	784.1
-47.5°	397.4	439.2	482.6	530.7	579.5	622.2	657.3	681.3	702.8	726.5	749.3
-50°	373.7	413.6	453.8	499.0	544.1	588.2	625.4	651.6	672.9	693.0	713.8
-52.5°	349.6	387.6	425.7	466.9	508.9	550.4	588.3	617.0	639.5	659.2	679.5
-55°	325.1	361.1	396.1	433.8	473.4	512.3	548.6	579.2	604.2	623.4	645.0
-57.5°	298.9	333.5	365.5	399.0	435.5	472.9	505.4	539.9	567.0	587.9	608.3
-60°	271.0	303.5	334.0	363.9	395.0	428.1	459.1	489.4	521.1	551.2	567.0
-62.5°	242.2	270.8	299.7	328.3	355.8	382.5	410.4	437.7	464.1	490.8	514.2
-65°	212.3	237.6	262.8	289.0	315.7	337.9	361.1	385.7	409.7	432.5	454.3
-67.5°	181.9	205.2	226.9	247.7	270.8	292.1	310.6	330.5	351.7	374.6	394.7
-70°	156.2	173.4	192.6	211.0	228.4	246.6	264.7	280.3	295.2	315.0	335.4
-72.5°	131.2	146.3	161.0	175.4	190.9	206.1	220.8	235.0	248.8	263.2	278.4
-75°	107.7	119.0	131.5	143.8	155.7	167.3	178.7	190.8	202.4	213.5	224.1
-77.5°	85.4	94.8	104.0	113.0	121.9	131.6	140.9	149.8	158.4	166.6	174.4
-80°	64.0	70.5	77.8	85.0	91.1	97.3	103.7	110.2	117.1	123.6	129.8
-82.5°	44.5	49.4	54.2	58.8	62.0	64.5	66.9	70.5	76.8	82.8	88.3
-85°	26.1	28.3	31.4	34.5	37.1	39.4	41.3	43.0	45.9	49.0	52.1
-87.5°	13.1	14.1	15.2	16.2	17.2	18.2	19.1	20.0	20.9	21.7	22.4
-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: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	23.2	23.9	24.5	25.1	25.6	26.1	26.6	27.0	27.3	25.9	24.4
85°	55.4	57.5	59.4	61.2	62.8	64.3	65.7	66.9	67.9	67.0	66.0
82.5°	93.2	96.9	100.3	103.4	106.3	108.9	111.3	113.4	115.2	115.1	114.5
80°	135.6	141.7	147.8	153.9	159.8	163.4	166.0	167.9	169.2	169.9	170.0
77.5°	182.3	191.7	201.5	211.2	220.6	226.0	229.9	233.1	235.7	236.3	235.8
75°	234.1	246.2	259.6	271.2	281.3	287.5	291.9	295.5	298.4	299.2	298.9
72.5°	294.2	309.1	321.1	331.0	339.5	346.2	351.6	356.2	359.9	361.5	361.7
70°	353.3	368.1	379.5	389.5	397.8	404.8	411.3	416.8	421.4	424.8	427.3
67.5°	413.2	430.1	441.8	450.8	458.0	465.3	473.9	481.3	487.6	491.8	493.9
65°	474.7	492.1	503.4	513.3	522.1	531.3	540.9	547.9	552.6	555.4	557.3
62.5°	534.3	550.5	564.7	577.8	590.5	601.0	607.6	613.5	618.5	622.8	626.0
60°	585.4	606.2	622.0	634.6	647.0	658.9	667.0	673.4	678.4	682.1	684.4
57.5°	629.1	650.2	668.9	681.1	694.5	708.8	718.2	723.6	728.6	732.8	734.8
55°	667.2	686.7	704.0	720.7	735.8	748.6	758.5	765.8	771.9	776.8	778.4
52.5°	701.6	722.8	743.0	760.8	775.6	787.9	797.7	806.7	813.6	818.3	820.4
50°	737.7	760.5	782.2	801.7	816.8	830.6	842.9	853.6	863.7	871.7	877.5
47.5°	773.1	797.5	821.4	842.8	861.0	881.0	898.9	914.1	928.9	940.9	949.1
45°	808.9	837.0	863.1	890.7	915.3	941.4	965.8	986.6	1008.1	1024.4	1035.3
42.5°	848.6	880.6	911.9	946.3	979.9	1014.0	1050.7	1083.5	1108.9	1132.7	1152.0
40°	891.2	927.8	968.7	1010.9	1060.4	1105.3	1154.7	1197.2	1235.5	1276.1	1308.3
37.5°	936.7	982.4	1036.2	1092.5	1156.6	1218.0	1282.5	1345.9	1401.3	1466.5	1516.3
35°	986.9	1047.9	1114.1	1190.3	1270.0	1358.1	1446.4	1548.3	1636.1	1732.6	1816.7
32.5°	1046.4	1119.1	1206.0	1306.5	1409.0	1542.7	1667.5	1829.8	1970.1	2123.4	2277.7
30°	1107.5	1202.6	1314.7	1441.5	1604.3	1788.0	1992.8	2234.3	2483.3	2724.1	3014.7
27.5°	1183.3	1298.0	1433.8	1618.9	1858.6	2106.9	2459.1	2821.7	3279.2	3657.7	4191.3
25°	1262.0	1397.0	1589.9	1841.8	2154.6	2585.6	3120.1	3699.4	4504.4	5211.7	6041.3
22.5°	1347.6	1530.0	1770.0	2080.9	2555.2	3216.8	4026.0	5116.5	6304.0	7564.8	8818.9
20°	1436.9	1657.5	1972.1	2422.7	3073.5	3969.6	5358.8	7042.3	8738.8	10819.0	12661.2
17.5°	1540.3	1821.0	2208.8	2772.1	3640.7	5013.3	6940.6	9290.8	11922.8	14913.8	17569.5
15°	1626.4	1961.1	2450.6	3238.8	4433.4	6196.0	8626.4	11859.6	15814.7	19831.8	23907.4
12.5°	1726.4	2113.6	2688.4	3628.3	5128.6	7471.1	10779.4	14871.7	19811.2	25383.1	31951.6
10°	1815.1	2263.3	2977.8	4141.2	5974.6	8801.0	12816.0	17739.3	24113.7	32130.5	42302.4
7.5°	1880.9	2382.4	3201.3	4531.6	6706.1	10079.6	14740.2	20879.5	28979.3	39565.3	53525.6
5°	1923.6	2468.6	3359.3	4832.8	7278.7	11031.2	16150.4	23106.8	32878.6	47850.8	71490.5
2.5°	1949.2	2519.7	3449.5	5009.5	7626.9	11661.7	17223.3	24790.9	35405.6	52971.1	83045.2
0°	1960.6	2533.9	3503.6	5103.2	7743.3	11905.1	17716.1	25558.4	36536.3	54167.5	85076.9
-2.5°	1949.2	2519.7	3449.5	5009.5	7626.9	11661.7	17223.3	24790.9	35405.6	52971.1	83045.2
-5°	1923.6	2468.6	3359.3	4832.8	7278.7	11031.2	16150.4	23106.8	32878.6	47850.8	71490.5
-7.5°	1880.9	2382.4	3201.3	4531.6	6706.1	10079.6	14740.2	20879.5	28979.3	39565.3	53525.6
-10°	1815.1	2263.3	2977.8	4141.2	5974.6	8801.0	12816.0	17739.3	24113.7	32130.5	42302.4
-12.5°	1726.4	2113.6	2688.4	3628.3	5128.6	7471.1	10779.4	14871.7	19811.2	25383.1	31951.6
-15°	1626.4	1961.1	2450.6	3238.8	4433.4	6196.0	8626.4	11859.6	15814.7	19831.8	23907.4
-17.5°	1540.3	1821.0	2208.8	2772.1	3640.7	5013.3	6940.6	9290.8	11922.8	14913.8	17569.5
-20°	1436.9	1657.5	1972.1	2422.7	3073.5	3969.6	5358.8	7042.3	8738.8	10819.0	12661.2

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	1347.6	1530.0	1770.0	2080.9	2555.2	3216.8	4026.0	5116.5	6304.0	7564.8	8818.9
-25°	1262.0	1397.0	1589.9	1841.8	2154.6	2585.6	3120.1	3699.4	4504.4	5211.7	6041.3
-27.5°	1183.3	1298.0	1433.8	1618.9	1858.6	2106.9	2459.1	2821.7	3279.2	3657.7	4191.3
-30°	1107.5	1202.6	1314.7	1441.5	1604.3	1788.0	1992.8	2234.3	2483.3	2724.1	3014.7
-32.5°	1046.4	1119.1	1206.0	1306.5	1409.0	1542.7	1667.5	1829.8	1970.1	2123.4	2277.7
-35°	986.9	1047.9	1114.1	1190.3	1270.0	1358.1	1446.4	1548.3	1636.1	1732.6	1816.7
-37.5°	936.7	982.4	1036.2	1092.5	1156.6	1218.0	1282.5	1345.9	1401.3	1466.5	1516.3
-40°	891.2	927.8	968.7	1010.9	1060.4	1105.3	1154.7	1197.2	1235.5	1276.1	1308.3
-42.5°	848.6	880.6	911.9	946.3	979.9	1014.0	1050.7	1083.5	1108.9	1132.7	1152.0
-45°	808.9	837.0	863.1	890.7	915.3	941.4	965.8	986.6	1008.1	1024.4	1035.3
-47.5°	773.1	797.5	821.4	842.8	861.0	881.0	898.9	914.1	928.9	940.9	949.1
-50°	737.7	760.5	782.2	801.7	816.8	830.6	842.9	853.6	863.7	871.7	877.5
-52.5°	701.6	722.8	743.0	760.8	775.6	787.9	797.7	806.7	813.6	818.3	820.4
-55°	667.2	686.7	704.0	720.7	735.8	748.6	758.5	765.8	771.9	776.8	778.4
-57.5°	629.1	650.2	668.9	681.1	694.5	708.8	718.2	723.6	728.6	732.8	734.8
-60°	585.4	606.2	622.0	634.6	647.0	658.9	667.0	673.4	678.4	682.1	684.4
-62.5°	534.3	550.5	564.7	577.8	590.5	601.0	607.6	613.5	618.5	622.8	626.0
-65°	474.7	492.1	503.4	513.3	522.1	531.3	540.9	547.9	552.6	555.4	557.3
-67.5°	413.2	430.1	441.8	450.8	458.0	465.3	473.9	481.3	487.6	491.8	493.9
-70°	353.3	368.1	379.5	389.5	397.8	404.8	411.3	416.8	421.4	424.8	427.3
-72.5°	294.2	309.1	321.1	331.0	339.5	346.2	351.6	356.2	359.9	361.5	361.7
-75°	234.1	246.2	259.6	271.2	281.3	287.5	291.9	295.5	298.4	299.2	298.9
-77.5°	182.3	191.7	201.5	211.2	220.6	226.0	229.9	233.1	235.7	236.3	235.8
-80°	135.6	141.7	147.8	153.9	159.8	163.4	166.0	167.9	169.2	169.9	170.0
-82.5°	93.2	96.9	100.3	103.4	106.3	108.9	111.3	113.4	115.2	115.1	114.5
-85°	55.4	57.5	59.4	61.2	62.8	64.3	65.7	66.9	67.9	67.0	66.0
-87.5°	23.2	23.9	24.5	25.1	25.6	26.1	26.6	27.0	27.3	25.9	24.4
-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: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	22.8	21.1	21.2	21.2	21.2	21.1	22.8	24.4	25.9	27.3	27.0
85°	64.8	63.4	63.6	63.7	63.6	63.4	64.8	66.0	67.0	67.9	66.9
82.5°	113.7	112.7	113.1	113.2	113.1	112.7	113.7	114.5	115.1	115.2	113.4
80°	169.8	169.1	166.2	162.8	166.2	169.1	169.8	170.0	169.9	169.2	167.9
77.5°	234.5	232.5	229.8	226.5	229.8	232.5	234.5	235.8	236.3	235.7	233.1
75°	297.8	296.1	296.9	297.3	296.9	296.1	297.8	298.9	299.2	298.4	295.5
72.5°	361.1	359.6	360.6	361.0	360.6	359.6	361.1	361.7	361.5	359.9	356.2
70°	429.0	429.8	427.9	424.7	427.9	429.8	429.0	427.3	424.8	421.4	416.8
67.5°	494.5	493.8	491.7	488.4	491.7	493.8	494.5	493.9	491.8	487.6	481.3
65°	558.0	557.3	558.5	559.2	558.5	557.3	558.0	557.3	555.4	552.6	547.9
62.5°	627.6	627.6	626.1	622.9	626.1	627.6	627.6	626.0	622.8	618.5	613.5
60°	685.3	684.8	682.9	679.5	682.9	684.8	685.3	684.4	682.1	678.4	673.4
57.5°	735.4	734.7	732.5	729.0	732.5	734.7	735.4	734.8	732.8	728.6	723.6
55°	778.6	777.6	775.2	771.5	775.2	777.6	778.6	778.4	776.8	771.9	765.8
52.5°	820.9	820.0	820.2	821.0	820.2	820.0	820.9	820.4	818.3	813.6	806.7
50°	881.0	882.2	881.1	877.7	881.1	882.2	881.0	877.5	871.7	863.7	853.6
47.5°	953.1	953.5	951.8	948.4	951.8	953.5	953.1	949.1	940.9	928.9	914.1
45°	1043.9	1049.0	1050.4	1047.5	1050.4	1049.0	1043.9	1035.3	1024.4	1008.1	986.6
42.5°	1166.8	1174.8	1177.1	1174.9	1177.1	1174.8	1166.8	1152.0	1132.7	1108.9	1083.5
40°	1328.1	1337.3	1339.0	1337.7	1339.0	1337.3	1328.1	1308.3	1276.1	1235.5	1197.2
37.5°	1551.3	1573.7	1584.2	1585.5	1584.2	1573.7	1551.3	1516.3	1466.5	1401.3	1345.9
35°	1880.8	1925.3	1949.1	1960.6	1949.1	1925.3	1880.8	1816.7	1732.6	1636.1	1548.3
32.5°	2394.6	2483.5	2532.8	2526.8	2532.8	2483.5	2394.6	2277.7	2123.4	1970.1	1829.8
30°	3233.8	3389.4	3467.7	3447.0	3467.7	3389.4	3233.8	3014.7	2724.1	2483.3	2234.3
27.5°	4574.5	4855.9	5018.5	4997.0	5018.5	4855.9	4574.5	4191.3	3657.7	3279.2	2821.7
25°	6734.9	7248.2	7576.9	7495.5	7576.9	7248.2	6734.9	6041.3	5211.7	4504.4	3699.4
22.5°	10021.2	10890.9	11466.4	11395.5	11466.4	10890.9	10021.2	8818.9	7564.8	6304.0	5116.5
20°	14529.1	15852.9	16798.1	16923.4	16798.1	15852.9	14529.1	12661.2	10819.0	8738.8	7042.3
17.5°	20438.2	22537.1	23998.1	24241.9	23998.1	22537.1	20438.2	17569.5	14913.8	11922.8	9290.8
15°	28117.8	31548.3	34031.1	34236.0	34031.1	31548.3	28117.8	23907.4	19831.8	15814.7	11859.6
12.5°	38545.5	45445.3	49948.3	51930.9	49948.3	45445.3	38545.5	31951.6	25383.1	19811.2	14871.7
10°	52977.0	68825.5	78975.1	82790.7	78975.1	68825.5	52977.0	42302.4	32130.5	24113.7	17739.3
7.5°	77081.9	101964.4	129627.2	141417.3	129627.2	101964.4	77081.9	53525.6	39565.3	28979.3	20879.5
5°	104378.8	156020.0	205140.0	224321.2	205140.0	156020.0	104378.8	71490.5	47850.8	32878.6	23106.8
2.5°	133102.2	205082.4	272533.5	298912.1	272533.5	205082.4	133102.2	83045.2	52971.1	35405.6	24790.9
0°	144319.3	226564.9	300777.2	330355.8	300777.2	226564.9	144319.3	85076.9	54167.5	36536.3	25558.4
-2.5°	133102.2	205082.4	272533.5	298912.1	272533.5	205082.4	133102.2	83045.2	52971.1	35405.6	24790.9
-5°	104378.8	156020.0	205140.0	224321.2	205140.0	156020.0	104378.8	71490.5	47850.8	32878.6	23106.8
-7.5°	77081.9	101964.4	129627.2	141417.3	129627.2	101964.4	77081.9	53525.6	39565.3	28979.3	20879.5
-10°	52977.0	68825.5	78975.1	82790.7	78975.1	68825.5	52977.0	42302.4	32130.5	24113.7	17739.3
-12.5°	38545.5	45445.3	49948.3	51930.9	49948.3	45445.3	38545.5	31951.6	25383.1	19811.2	14871.7
-15°	28117.8	31548.3	34031.1	34236.0	34031.1	31548.3	28117.8	23907.4	19831.8	15814.7	11859.6
-17.5°	20438.2	22537.1	23998.1	24241.9	23998.1	22537.1	20438.2	17569.5	14913.8	11922.8	9290.8
-20°	14529.1	15852.9	16798.1	16923.4	16798.1	15852.9	14529.1	12661.2	10819.0	8738.8	7042.3



REPORT NUMBER: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	10021.2	10890.9	11466.4	11395.5	11466.4	10890.9	10021.2	8818.9	7564.8	6304.0	5116.5
-25°	6734.9	7248.2	7576.9	7495.5	7576.9	7248.2	6734.9	6041.3	5211.7	4504.4	3699.4
-27.5°	4574.5	4855.9	5018.5	4997.0	5018.5	4855.9	4574.5	4191.3	3657.7	3279.2	2821.7
-30°	3233.8	3389.4	3467.7	3447.0	3467.7	3389.4	3233.8	3014.7	2724.1	2483.3	2234.3
-32.5°	2394.6	2483.5	2532.8	2526.8	2532.8	2483.5	2394.6	2277.7	2123.4	1970.1	1829.8
-35°	1880.8	1925.3	1949.1	1960.6	1949.1	1925.3	1880.8	1816.7	1732.6	1636.1	1548.3
-37.5°	1551.3	1573.7	1584.2	1585.5	1584.2	1573.7	1551.3	1516.3	1466.5	1401.3	1345.9
-40°	1328.1	1337.3	1339.0	1337.7	1339.0	1337.3	1328.1	1308.3	1276.1	1235.5	1197.2
-42.5°	1166.8	1174.8	1177.1	1174.9	1177.1	1174.8	1166.8	1152.0	1132.7	1108.9	1083.5
-45°	1043.9	1049.0	1050.4	1047.5	1050.4	1049.0	1043.9	1035.3	1024.4	1008.1	986.6
-47.5°	953.1	953.5	951.8	948.4	951.8	953.5	953.1	949.1	940.9	928.9	914.1
-50°	881.0	882.2	881.1	877.7	881.1	882.2	881.0	877.5	871.7	863.7	853.6
-52.5°	820.9	820.0	820.2	821.0	820.2	820.0	820.9	820.4	818.3	813.6	806.7
-55°	778.6	777.6	775.2	771.5	775.2	777.6	778.6	778.4	776.8	771.9	765.8
-57.5°	735.4	734.7	732.5	729.0	732.5	734.7	735.4	734.8	732.8	728.6	723.6
-60°	685.3	684.8	682.9	679.5	682.9	684.8	685.3	684.4	682.1	678.4	673.4
-62.5°	627.6	627.6	626.1	622.9	626.1	627.6	627.6	626.0	622.8	618.5	613.5
-65°	558.0	557.3	558.5	559.2	558.5	557.3	558.0	557.3	555.4	552.6	547.9
-67.5°	494.5	493.8	491.7	488.4	491.7	493.8	494.5	493.9	491.8	487.6	481.3
-70°	429.0	429.8	427.9	424.7	427.9	429.8	429.0	427.3	424.8	421.4	416.8
-72.5°	361.1	359.6	360.6	361.0	360.6	359.6	361.1	361.7	361.5	359.9	356.2
-75°	297.8	296.1	296.9	297.3	296.9	296.1	297.8	298.9	299.2	298.4	295.5
-77.5°	234.5	232.5	229.8	226.5	229.8	232.5	234.5	235.8	236.3	235.7	233.1
-80°	169.8	169.1	166.2	162.8	166.2	169.1	169.8	170.0	169.9	169.2	167.9
-82.5°	113.7	112.7	113.1	113.2	113.1	112.7	113.7	114.5	115.1	115.2	113.4
-85°	64.8	63.4	63.6	63.7	63.6	63.4	64.8	66.0	67.0	67.9	66.9
-87.5°	22.8	21.1	21.2	21.2	21.2	21.1	22.8	24.4	25.9	27.3	27.0
-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: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	26.6	26.1	25.6	25.1	24.5	23.9	23.2	22.4	21.7	20.9	20.0
85°	65.7	64.3	62.8	61.2	59.4	57.5	55.4	52.1	49.0	45.9	43.0
82.5°	111.3	108.9	106.3	103.4	100.3	96.9	93.2	88.3	82.8	76.8	70.5
80°	166.0	163.4	159.8	153.9	147.8	141.7	135.6	129.8	123.6	117.1	110.2
77.5°	229.9	226.0	220.6	211.2	201.5	191.7	182.3	174.4	166.6	158.4	149.8
75°	291.9	287.5	281.3	271.2	259.6	246.2	234.1	224.1	213.5	202.4	190.8
72.5°	351.6	346.2	339.5	331.0	321.1	309.1	294.2	278.4	263.2	248.8	235.0
70°	411.3	404.8	397.8	389.5	379.5	368.1	353.3	335.4	315.0	295.2	280.3
67.5°	473.9	465.3	458.0	450.8	441.8	430.1	413.2	394.7	374.6	351.7	330.5
65°	540.9	531.3	522.1	513.3	503.4	492.1	474.7	454.3	432.5	409.7	385.7
62.5°	607.6	601.0	590.5	577.8	564.7	550.5	534.3	514.2	490.8	464.1	437.7
60°	667.0	658.9	647.0	634.6	622.0	606.2	585.4	567.0	551.2	521.1	489.4
57.5°	718.2	708.8	694.5	681.1	668.9	650.2	629.1	608.3	587.9	567.0	539.9
55°	758.5	748.6	735.8	720.7	704.0	686.7	667.2	645.0	623.4	604.2	579.2
52.5°	797.7	787.9	775.6	760.8	743.0	722.8	701.6	679.5	659.2	639.5	617.0
50°	842.9	830.6	816.8	801.7	782.2	760.5	737.7	713.8	693.0	672.9	651.6
47.5°	898.9	881.0	861.0	842.8	821.4	797.5	773.1	749.3	726.5	702.8	681.3
45°	965.8	941.4	915.3	890.7	863.1	837.0	808.9	784.1	759.6	734.1	707.6
42.5°	1050.7	1014.0	979.9	946.3	911.9	880.6	848.6	819.6	792.0	764.8	736.2
40°	1154.7	1105.3	1060.4	1010.9	968.7	927.8	891.2	854.8	824.3	794.7	763.2
37.5°	1282.5	1218.0	1156.6	1092.5	1036.2	982.4	936.7	894.8	854.9	822.7	789.5
35°	1446.4	1358.1	1270.0	1190.3	1114.1	1047.9	986.9	936.7	891.2	849.5	814.7
32.5°	1667.5	1542.7	1409.0	1306.5	1206.0	1119.1	1046.4	982.4	927.8	880.6	838.8
30°	1992.8	1788.0	1604.3	1441.5	1314.7	1202.6	1107.5	1033.6	968.7	911.9	863.1
27.5°	2459.1	2106.9	1858.6	1618.9	1433.8	1298.0	1183.3	1086.2	1010.0	946.3	890.2
25°	3120.1	2585.6	2154.6	1841.8	1589.9	1397.0	1262.0	1149.5	1056.2	979.5	912.0
22.5°	4026.0	3216.8	2555.2	2080.9	1770.0	1530.0	1347.6	1212.0	1098.5	1008.6	935.2
20°	5358.8	3969.6	3073.5	2422.7	1972.1	1657.5	1436.9	1277.3	1146.0	1038.8	955.4
17.5°	6940.6	5013.3	3640.7	2772.1	2208.8	1821.0	1540.3	1337.3	1189.2	1065.1	971.9
15°	8626.4	6196.0	4433.4	3238.8	2450.6	1961.1	1626.4	1390.4	1230.3	1094.1	992.3
12.5°	10779.4	7471.1	5128.6	3628.3	2688.4	2113.6	1726.4	1457.8	1270.7	1125.3	1013.6
10°	12816.0	8801.0	5974.6	4141.2	2977.8	2263.3	1815.1	1509.7	1302.0	1150.2	1030.9
7.5°	14740.2	10079.6	6706.1	4531.6	3201.3	2382.4	1880.9	1547.1	1324.3	1167.6	1044.1
5°	16150.4	11031.2	7278.7	4832.8	3359.3	2468.6	1923.6	1570.4	1337.6	1177.9	1053.1
2.5°	17223.3	11661.7	7626.9	5009.5	3449.5	2519.7	1949.2	1588.1	1350.5	1186.1	1063.0
0°	17716.1	11905.1	7743.3	5103.2	3503.6	2533.9	1960.6	1599.6	1359.0	1189.1	1068.8
-2.5°	17223.3	11661.7	7626.9	5009.5	3449.5	2519.7	1949.2	1588.1	1350.5	1186.1	1063.0
-5°	16150.4	11031.2	7278.7	4832.8	3359.3	2468.6	1923.6	1570.4	1337.6	1177.9	1053.1
-7.5°	14740.2	10079.6	6706.1	4531.6	3201.3	2382.4	1880.9	1547.1	1324.3	1167.6	1044.1
-10°	12816.0	8801.0	5974.6	4141.2	2977.8	2263.3	1815.1	1509.7	1302.0	1150.2	1030.9
-12.5°	10779.4	7471.1	5128.6	3628.3	2688.4	2113.6	1726.4	1457.8	1270.7	1125.3	1013.6
-15°	8626.4	6196.0	4433.4	3238.8	2450.6	1961.1	1626.4	1390.4	1230.3	1094.1	992.3
-17.5°	6940.6	5013.3	3640.7	2772.1	2208.8	1821.0	1540.3	1337.3	1189.2	1065.1	971.9
-20°	5358.8	3969.6	3073.5	2422.7	1972.1	1657.5	1436.9	1277.3	1146.0	1038.8	955.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	4026.0	3216.8	2555.2	2080.9	1770.0	1530.0	1347.6	1212.0	1098.5	1008.6	935.2
-25°	3120.1	2585.6	2154.6	1841.8	1589.9	1397.0	1262.0	1149.5	1056.2	979.5	912.0
-27.5°	2459.1	2106.9	1858.6	1618.9	1433.8	1298.0	1183.3	1086.2	1010.0	946.3	890.2
-30°	1992.8	1788.0	1604.3	1441.5	1314.7	1202.6	1107.5	1033.6	968.7	911.9	863.1
-32.5°	1667.5	1542.7	1409.0	1306.5	1206.0	1119.1	1046.4	982.4	927.8	880.6	838.8
-35°	1446.4	1358.1	1270.0	1190.3	1114.1	1047.9	986.9	936.7	891.2	849.5	814.7
-37.5°	1282.5	1218.0	1156.6	1092.5	1036.2	982.4	936.7	894.8	854.9	822.7	789.5
-40°	1154.7	1105.3	1060.4	1010.9	968.7	927.8	891.2	854.8	824.3	794.7	763.2
-42.5°	1050.7	1014.0	979.9	946.3	911.9	880.6	848.6	819.6	792.0	764.8	736.2
-45°	965.8	941.4	915.3	890.7	863.1	837.0	808.9	784.1	759.6	734.1	707.6
-47.5°	898.9	881.0	861.0	842.8	821.4	797.5	773.1	749.3	726.5	702.8	681.3
-50°	842.9	830.6	816.8	801.7	782.2	760.5	737.7	713.8	693.0	672.9	651.6
-52.5°	797.7	787.9	775.6	760.8	743.0	722.8	701.6	679.5	659.2	639.5	617.0
-55°	758.5	748.6	735.8	720.7	704.0	686.7	667.2	645.0	623.4	604.2	579.2
-57.5°	718.2	708.8	694.5	681.1	668.9	650.2	629.1	608.3	587.9	567.0	539.9
-60°	667.0	658.9	647.0	634.6	622.0	606.2	585.4	567.0	551.2	521.1	489.4
-62.5°	607.6	601.0	590.5	577.8	564.7	550.5	534.3	514.2	490.8	464.1	437.7
-65°	540.9	531.3	522.1	513.3	503.4	492.1	474.7	454.3	432.5	409.7	385.7
-67.5°	473.9	465.3	458.0	450.8	441.8	430.1	413.2	394.7	374.6	351.7	330.5
-70°	411.3	404.8	397.8	389.5	379.5	368.1	353.3	335.4	315.0	295.2	280.3
-72.5°	351.6	346.2	339.5	331.0	321.1	309.1	294.2	278.4	263.2	248.8	235.0
-75°	291.9	287.5	281.3	271.2	259.6	246.2	234.1	224.1	213.5	202.4	190.8
-77.5°	229.9	226.0	220.6	211.2	201.5	191.7	182.3	174.4	166.6	158.4	149.8
-80°	166.0	163.4	159.8	153.9	147.8	141.7	135.6	129.8	123.6	117.1	110.2
-82.5°	111.3	108.9	106.3	103.4	100.3	96.9	93.2	88.3	82.8	76.8	70.5
-85°	65.7	64.3	62.8	61.2	59.4	57.5	55.4	52.1	49.0	45.9	43.0
-87.5°	26.6	26.1	25.6	25.1	24.5	23.9	23.2	22.4	21.7	20.9	20.0
-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: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	19.1	18.2	17.2	16.2	15.2	14.1	13.1	12.0	10.8	9.7	8.5
85°	41.3	39.4	37.1	34.5	31.4	28.3	26.1	23.9	21.6	19.3	17.0
82.5°	66.9	64.5	62.0	58.8	54.2	49.4	44.5	39.6	34.5	29.3	25.5
80°	103.7	97.3	91.1	85.0	77.8	70.5	64.0	57.3	50.6	43.7	36.7
77.5°	140.9	131.6	121.9	113.0	104.0	94.8	85.4	75.7	66.6	58.0	49.2
75°	178.7	167.3	155.7	143.8	131.5	119.0	107.7	96.1	84.3	72.4	61.7
72.5°	220.8	206.1	190.9	175.4	161.0	146.3	131.2	116.4	102.6	88.7	74.5
70°	264.7	246.6	228.4	211.0	192.6	173.4	156.2	138.7	120.8	104.8	88.7
67.5°	310.6	292.1	270.8	247.7	226.9	205.2	181.9	161.2	141.2	120.8	102.6
65°	361.1	337.9	315.7	289.0	262.8	237.6	212.3	184.9	161.2	138.7	116.4
62.5°	410.4	382.5	355.8	328.3	299.7	270.8	242.2	211.5	181.7	156.2	131.2
60°	459.1	428.1	395.0	363.9	334.0	303.5	271.0	237.3	204.6	173.4	146.3
57.5°	505.4	472.9	435.5	399.0	365.5	333.5	298.9	262.3	226.7	192.3	160.9
55°	548.6	512.3	473.4	433.8	396.1	361.1	325.1	286.3	248.1	211.0	175.0
52.5°	588.3	550.4	508.9	466.9	425.7	387.6	349.6	309.4	268.6	229.0	190.2
50°	625.4	588.2	544.1	499.0	453.8	413.6	373.7	331.5	288.1	246.2	205.1
47.5°	657.3	622.2	579.5	530.7	482.6	439.2	397.4	353.2	306.8	262.6	219.5
45°	683.5	653.6	612.5	563.4	511.9	465.9	420.6	374.3	325.8	278.4	233.3
42.5°	707.8	679.9	642.9	595.4	541.9	492.1	443.3	394.9	344.3	293.5	246.5
40°	732.6	703.1	671.1	623.3	570.1	517.3	466.1	415.0	362.2	308.3	259.0
37.5°	755.7	725.0	692.6	649.2	595.4	541.0	488.1	434.4	378.8	323.1	270.9
35°	779.2	744.8	711.4	669.5	617.5	562.6	508.9	453.1	394.6	336.9	282.2
32.5°	801.6	763.2	727.0	686.1	637.6	582.0	527.5	469.3	409.3	349.6	292.7
30°	822.1	780.4	742.1	702.2	654.8	598.9	543.2	484.1	423.0	361.2	302.6
27.5°	838.5	794.6	756.5	715.9	668.5	614.2	557.0	497.3	435.6	371.9	312.0
25°	854.8	807.8	768.0	728.5	681.4	629.6	569.9	509.1	446.6	382.1	320.5
22.5°	872.9	820.0	777.0	740.4	694.5	644.4	582.1	519.3	456.2	391.2	328.0
20°	888.9	830.6	783.8	749.7	705.0	655.4	593.7	528.5	464.5	399.3	334.6
17.5°	903.0	841.9	792.6	755.3	713.2	664.9	604.4	536.7	471.4	406.3	340.2
15°	917.7	853.7	800.5	759.8	719.8	672.8	614.1	543.7	477.1	412.3	345.2
12.5°	930.8	863.4	806.8	763.2	724.8	679.2	622.7	549.6	481.4	417.3	349.8
10°	941.7	870.9	811.5	765.6	728.4	684.1	630.1	555.2	486.1	421.1	353.7
7.5°	950.2	876.0	814.6	767.0	730.8	688.0	636.3	561.7	490.1	423.7	356.8
5°	956.4	880.1	819.4	771.4	733.7	691.1	640.7	567.0	493.0	425.2	359.1
2.5°	961.0	883.6	824.5	775.5	735.5	693.0	643.3	570.9	494.9	425.5	360.5
0°	962.6	884.7	828.1	778.6	736.1	693.6	644.1	573.3	495.5	424.7	361.0
-2.5°	961.0	883.6	824.5	775.5	735.5	693.0	643.3	570.9	494.9	425.5	360.5
-5°	956.4	880.1	819.4	771.4	733.7	691.1	640.7	567.0	493.0	425.2	359.1
-7.5°	950.2	876.0	814.6	767.0	730.8	688.0	636.3	561.7	490.1	423.7	356.8
-10°	941.7	870.9	811.5	765.6	728.4	684.1	630.1	555.2	486.1	421.1	353.7
-12.5°	930.8	863.4	806.8	763.2	724.8	679.2	622.7	549.6	481.4	417.3	349.8
-15°	917.7	853.7	800.5	759.8	719.8	672.8	614.1	543.7	477.1	412.3	345.2
-17.5°	903.0	841.9	792.6	755.3	713.2	664.9	604.4	536.7	471.4	406.3	340.2
-20°	888.9	830.6	783.8	749.7	705.0	655.4	593.7	528.5	464.5	399.3	334.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	872.9	820.0	777.0	740.4	694.5	644.4	582.1	519.3	456.2	391.2	328.0
-25°	854.8	807.8	768.0	728.5	681.4	629.6	569.9	509.1	446.6	382.1	320.5
-27.5°	838.5	794.6	756.5	715.9	668.5	614.2	557.0	497.3	435.6	371.9	312.0
-30°	822.1	780.4	742.1	702.2	654.8	598.9	543.2	484.1	423.0	361.2	302.6
-32.5°	801.6	763.2	727.0	686.1	637.6	582.0	527.5	469.3	409.3	349.6	292.7
-35°	779.2	744.8	711.4	669.5	617.5	562.6	508.9	453.1	394.6	336.9	282.2
-37.5°	755.7	725.0	692.6	649.2	595.4	541.0	488.1	434.4	378.8	323.1	270.9
-40°	732.6	703.1	671.1	623.3	570.1	517.3	466.1	415.0	362.2	308.3	259.0
-42.5°	707.8	679.9	642.9	595.4	541.9	492.1	443.3	394.9	344.3	293.5	246.5
-45°	683.5	653.6	612.5	563.4	511.9	465.9	420.6	374.3	325.8	278.4	233.3
-47.5°	657.3	622.2	579.5	530.7	482.6	439.2	397.4	353.2	306.8	262.6	219.5
-50°	625.4	588.2	544.1	499.0	453.8	413.6	373.7	331.5	288.1	246.2	205.1
-52.5°	588.3	550.4	508.9	466.9	425.7	387.6	349.6	309.4	268.6	229.0	190.2
-55°	548.6	512.3	473.4	433.8	396.1	361.1	325.1	286.3	248.1	211.0	175.0
-57.5°	505.4	472.9	435.5	399.0	365.5	333.5	298.9	262.3	226.7	192.3	160.9
-60°	459.1	428.1	395.0	363.9	334.0	303.5	271.0	237.3	204.6	173.4	146.3
-62.5°	410.4	382.5	355.8	328.3	299.7	270.8	242.2	211.5	181.7	156.2	131.2
-65°	361.1	337.9	315.7	289.0	262.8	237.6	212.3	184.9	161.2	138.7	116.4
-67.5°	310.6	292.1	270.8	247.7	226.9	205.2	181.9	161.2	141.2	120.8	102.6
-70°	264.7	246.6	228.4	211.0	192.6	173.4	156.2	138.7	120.8	104.8	88.7
-72.5°	220.8	206.1	190.9	175.4	161.0	146.3	131.2	116.4	102.6	88.7	74.5
-75°	178.7	167.3	155.7	143.8	131.5	119.0	107.7	96.1	84.3	72.4	61.7
-77.5°	140.9	131.6	121.9	113.0	104.0	94.8	85.4	75.7	66.6	58.0	49.2
-80°	103.7	97.3	91.1	85.0	77.8	70.5	64.0	57.3	50.6	43.7	36.7
-82.5°	66.9	64.5	62.0	58.8	54.2	49.4	44.5	39.6	34.5	29.3	25.5
-85°	41.3	39.4	37.1	34.5	31.4	28.3	26.1	23.9	21.6	19.3	17.0
-87.5°	19.1	18.2	17.2	16.2	15.2	14.1	13.1	12.0	10.8	9.7	8.5
-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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Scaled Data Report



REPORT NUMBER: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	7.3	6.1	4.9	3.7	2.5	1.1	0.0
85°	14.6	12.2	9.8	7.4	4.9	2.2	0.0
82.5°	21.9	18.3	14.7	11.1	7.4	3.2	0.0
80°	29.6	24.4	19.6	14.7	9.8	4.3	0.0
77.5°	40.3	31.3	24.4	18.3	12.2	5.3	0.0
75°	50.9	39.8	29.5	21.9	14.5	6.4	0.0
72.5°	61.3	48.2	35.9	25.5	16.8	7.4	0.0
70°	71.7	56.4	42.2	29.2	19.0	8.4	0.0
67.5°	83.6	64.4	48.4	33.6	21.2	9.4	0.0
65°	95.2	73.1	54.5	38.0	23.3	10.3	0.0
62.5°	106.5	82.6	60.3	42.3	25.4	11.2	0.0
60°	117.6	91.9	66.0	46.4	27.3	12.1	0.0
57.5°	129.9	100.9	73.2	50.4	29.9	13.0	0.0
55°	141.9	109.7	80.2	54.3	32.4	13.8	0.0
52.5°	153.6	118.3	87.0	58.0	34.8	14.6	0.0
50°	164.9	127.8	93.5	61.5	37.2	15.4	0.0
47.5°	176.0	136.8	99.8	65.3	39.5	16.1	0.0
45°	187.8	145.5	105.8	69.8	41.7	16.8	0.0
42.5°	199.1	153.8	111.6	74.1	43.9	17.4	0.0
40°	209.8	161.7	117.5	78.3	45.9	18.0	0.0
37.5°	220.0	169.2	123.5	82.4	47.9	18.5	0.0
35°	229.6	176.9	129.1	86.2	49.8	19.0	0.0
32.5°	238.6	184.4	134.4	89.8	51.6	19.5	0.0
30°	247.0	191.3	139.3	93.2	53.2	19.9	0.0
27.5°	254.7	197.7	144.1	96.3	54.8	20.3	0.0
25°	261.8	203.6	148.5	99.2	56.3	20.6	0.0
22.5°	268.2	208.9	152.5	101.8	57.6	20.8	0.0
20°	273.9	213.5	156.1	104.2	58.9	21.1	0.0
17.5°	278.7	217.3	159.3	106.3	60.0	21.2	0.0
15°	282.5	220.6	162.1	108.1	60.9	21.4	0.0
12.5°	285.6	223.1	164.5	109.7	61.8	21.4	0.0
10°	288.0	225.0	166.4	110.9	62.4	21.5	0.0
7.5°	289.7	226.3	167.9	111.9	63.0	21.5	0.0
5°	290.6	226.9	169.0	112.6	63.4	21.4	0.0
2.5°	290.8	227.0	169.7	113.1	63.6	21.3	0.0
0°	290.2	226.5	169.9	113.2	63.7	21.2	0.0
-2.5°	290.8	227.0	169.7	113.1	63.6	21.3	0.0
-5°	290.6	226.9	169.0	112.6	63.4	21.4	0.0
-7.5°	289.7	226.3	167.9	111.9	63.0	21.5	0.0
-10°	288.0	225.0	166.4	110.9	62.4	21.5	0.0
-12.5°	285.6	223.1	164.5	109.7	61.8	21.4	0.0
-15°	282.5	220.6	162.1	108.1	60.9	21.4	0.0
-17.5°	278.7	217.3	159.3	106.3	60.0	21.2	0.0
-20°	273.9	213.5	156.1	104.2	58.9	21.1	0.0

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REPORT NUMBER: P627909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	268.2	208.9	152.5	101.8	57.6	20.8	0.0
-25°	261.8	203.6	148.5	99.2	56.3	20.6	0.0
-27.5°	254.7	197.7	144.1	96.3	54.8	20.3	0.0
-30°	247.0	191.3	139.3	93.2	53.2	19.9	0.0
-32.5°	238.6	184.4	134.4	89.8	51.6	19.5	0.0
-35°	229.6	176.9	129.1	86.2	49.8	19.0	0.0
-37.5°	220.0	169.2	123.5	82.4	47.9	18.5	0.0
-40°	209.8	161.7	117.5	78.3	45.9	18.0	0.0
-42.5°	199.1	153.8	111.6	74.1	43.9	17.4	0.0
-45°	187.8	145.5	105.8	69.8	41.7	16.8	0.0
-47.5°	176.0	136.8	99.8	65.3	39.5	16.1	0.0
-50°	164.9	127.8	93.5	61.5	37.2	15.4	0.0
-52.5°	153.6	118.3	87.0	58.0	34.8	14.6	0.0
-55°	141.9	109.7	80.2	54.3	32.4	13.8	0.0
-57.5°	129.9	100.9	73.2	50.4	29.9	13.0	0.0
-60°	117.6	91.9	66.0	46.4	27.3	12.1	0.0
-62.5°	106.5	82.6	60.3	42.3	25.4	11.2	0.0
-65°	95.2	73.1	54.5	38.0	23.3	10.3	0.0
-67.5°	83.6	64.4	48.4	33.6	21.2	9.4	0.0
-70°	71.7	56.4	42.2	29.2	19.0	8.4	0.0
-72.5°	61.3	48.2	35.9	25.5	16.8	7.4	0.0
-75°	50.9	39.8	29.5	21.9	14.5	6.4	0.0
-77.5°	40.3	31.3	24.4	18.3	12.2	5.3	0.0
-80°	29.6	24.4	19.6	14.7	9.8	4.3	0.0
-82.5°	21.9	18.3	14.7	11.1	7.4	3.2	0.0
-85°	14.6	12.2	9.8	7.4	4.9	2.2	0.0
-87.5°	7.3	6.1	4.9	3.7	2.5	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)