

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: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627969 (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-SA6E-722-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N132
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

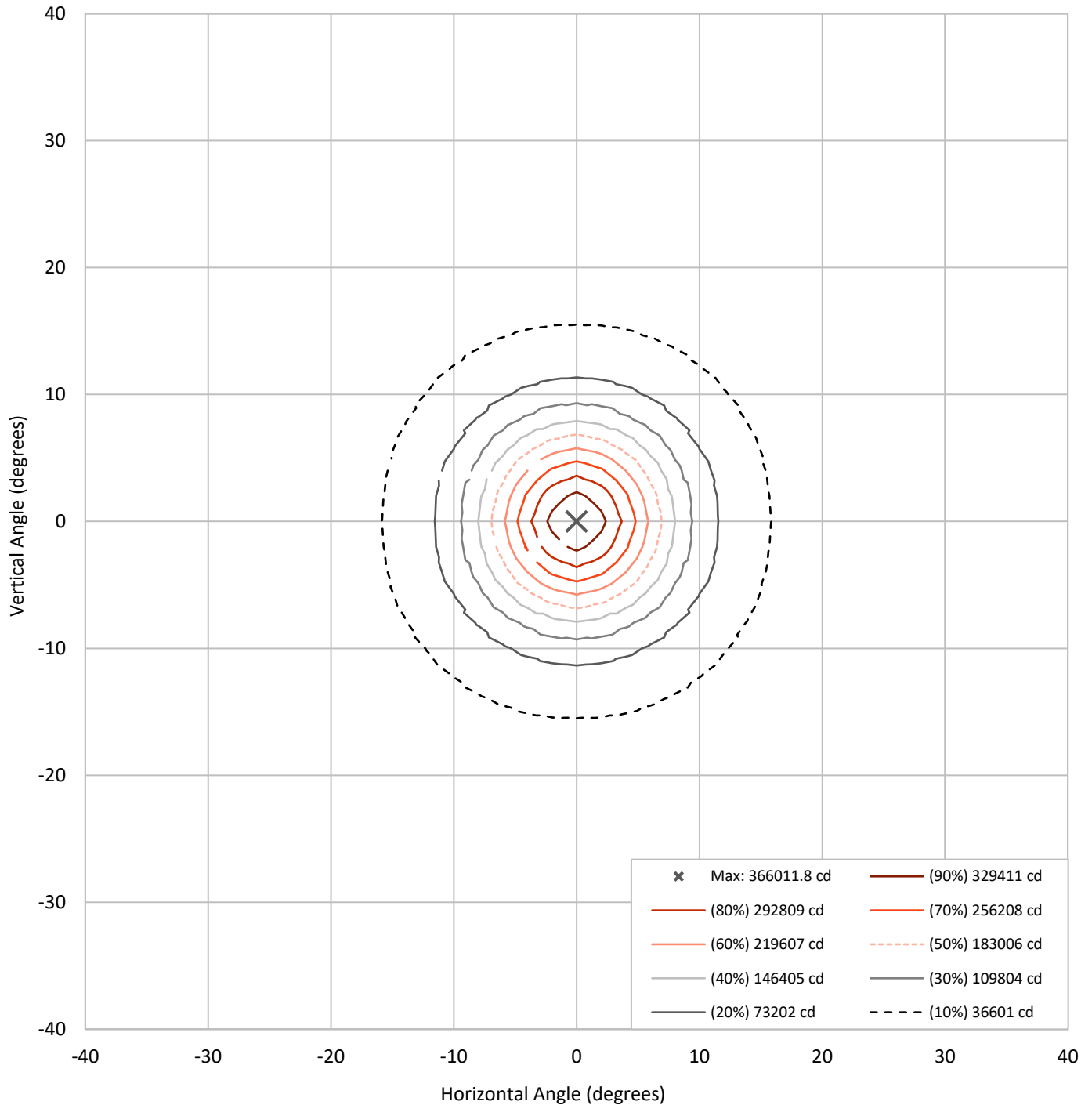
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	38865.1 lumens	Max Intensity:	366011.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.2 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:	11490.7 lumens	Field Lumens:	25858.7 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	376.7		
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





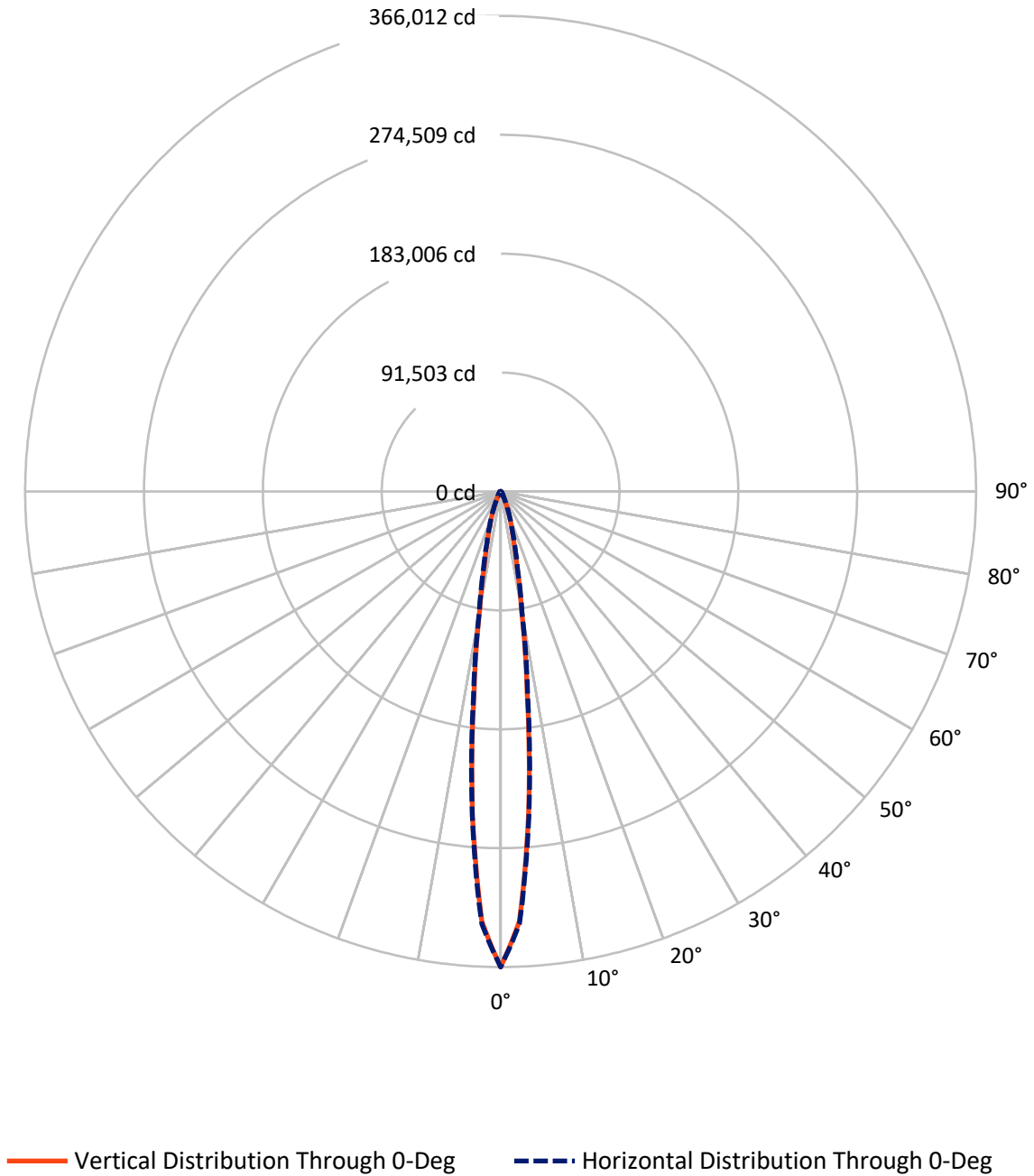
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Lumen Table

90																
80	0.7	5.3		14.0		22.6		24.7		22.6		14.0		5.3	0.7	
70																
60	2.4	2.7	5.6	9.2	13.0	16.0	17.9	18.7	18.7	17.9	16.0	13.0	9.2	5.6	2.7	2.4
50		4.1	8.4	13.7	18.4	22.4	25.1	26.1	26.1	25.1	22.4	18.4	13.7	8.4	4.1	
40	4.2	5.4	10.9	16.9	22.5	28.2	33.3	35.9	35.9	33.3	28.2	22.5	16.9	10.9	5.4	4.2
30		6.5	12.9	19.5	27.6	39.8	56.0	69.4	69.4	56.0	39.8	27.6	19.5	12.9	6.5	
20	5.5	7.3	14.0	22.0	35.8	71.0	161.7	267.7	267.7	161.7	71.0	35.8	22.0	14.0	7.3	5.5
10		7.9	14.8	24.2	47.5	150.8	535.4	1153.2	1153.2	535.4	150.8	47.5	24.2	14.8	7.9	
0	5.9	8.1	15.1	25.7	57.4	248.5	1163.9	5028.1	5028.1	1163.9	248.5	57.4	25.7	15.1	8.1	5.9
-10		8.1	15.1	25.7	57.4	248.5	1163.9	5028.1	5028.1	1163.9	248.5	57.4	25.7	15.1	8.1	
-20	5.5	7.9	14.8	24.2	47.5	150.8	535.4	1153.2	1153.2	535.4	150.8	47.5	24.2	14.8	7.9	5.5
-30		7.3	14.0	22.0	35.8	71.0	161.7	267.7	267.7	161.7	71.0	35.8	22.0	14.0	7.3	
-40	4.2	6.5	12.9	19.5	27.6	39.8	56.0	69.4	69.4	56.0	39.8	27.6	19.5	12.9	6.5	4.2
-50		5.4	10.9	16.9	22.5	28.2	33.3	35.9	35.9	33.3	28.2	22.5	16.9	10.9	5.4	
-60	2.4	4.1	8.4	13.7	18.4	22.4	25.1	26.1	26.1	25.1	22.4	18.4	13.7	8.4	4.1	2.4
-70		2.7	5.6	9.2	13.0	16.0	17.9	18.7	18.7	17.9	16.0	13.0	9.2	5.6	2.7	
-80																
-90	0.7	5.3		14.0		22.6		24.7		22.6		14.0		5.3	0.7	
Horizontal Angle (degrees)																

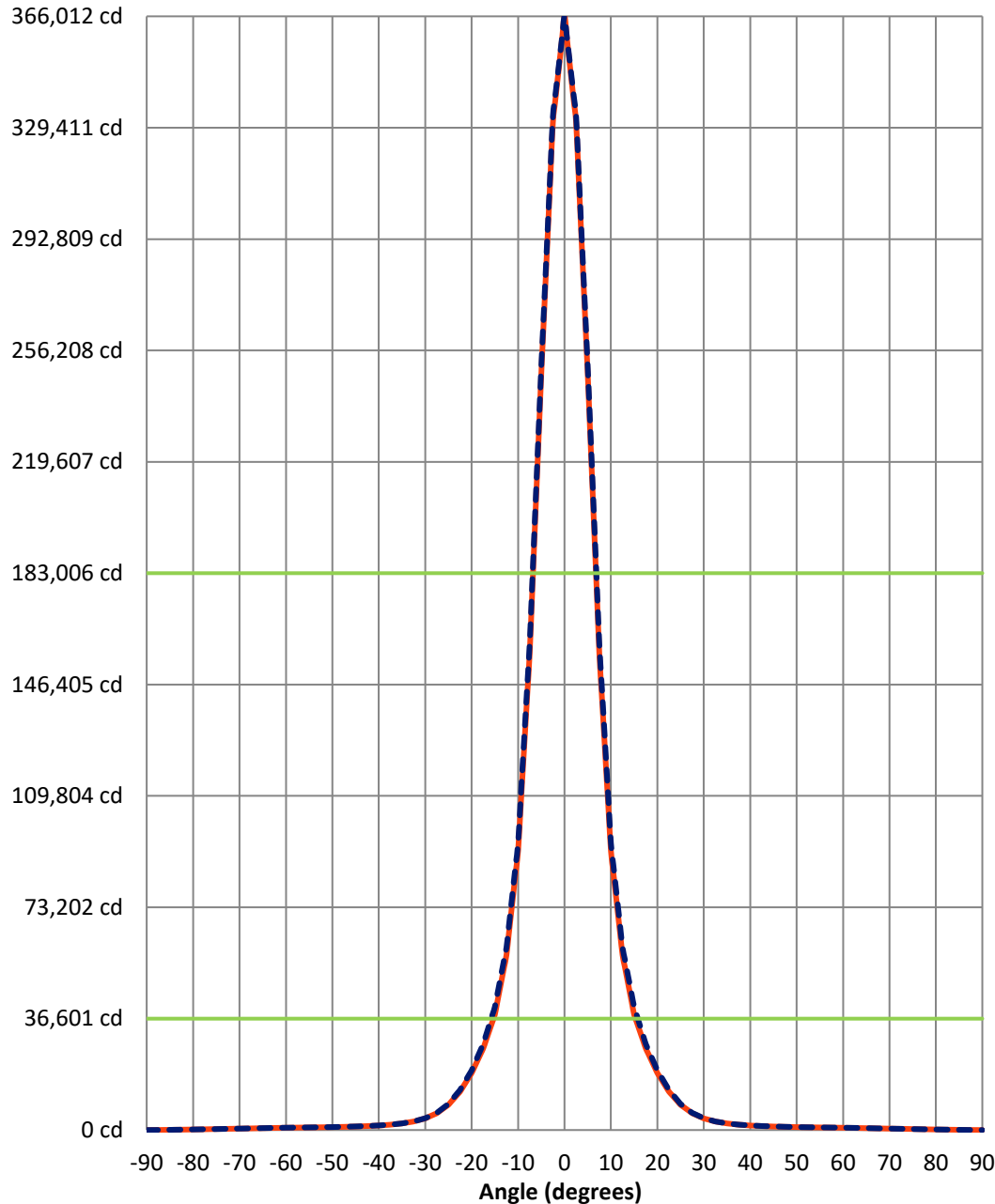
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 11490.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 25858.7
 Efficiency: 66.5%

Spill:
 Lumens: 13006.3
 Efficiency: 33.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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Scaled Data Report



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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	1.2	2.7	4.1	5.5	6.8	8.1	9.4	10.7	12.0	13.3
85°	0.0	2.4	5.5	8.2	10.9	13.6	16.2	18.9	21.5	24.0	26.5
82.5°	0.0	3.6	8.2	12.3	16.3	20.3	24.3	28.3	32.5	38.2	43.8
80°	0.0	4.8	10.9	16.3	21.7	27.1	32.8	40.7	48.4	56.0	63.5
77.5°	0.0	5.9	13.5	20.3	27.1	34.7	44.7	54.6	64.2	73.7	83.9
75°	0.0	7.1	16.1	24.3	32.7	44.1	56.4	68.3	80.1	93.4	106.5
72.5°	0.0	8.2	18.6	28.3	39.8	53.4	67.9	82.5	98.2	113.7	128.9
70°	0.0	9.3	21.1	32.4	46.8	62.5	79.4	98.2	116.1	133.8	153.6
67.5°	0.0	10.4	23.5	37.3	53.7	71.3	92.6	113.7	133.8	156.4	178.6
65°	0.0	11.4	25.9	42.2	60.4	81.0	105.4	128.9	153.6	178.6	204.9
62.5°	0.0	12.5	28.1	46.9	66.9	91.5	118.1	145.4	173.1	201.3	234.3
60°	0.0	13.5	30.3	51.5	73.2	101.8	130.4	162.1	192.2	226.7	263.0
57.5°	0.0	14.4	33.1	55.9	81.1	111.8	143.9	178.3	213.0	251.2	290.6
55°	0.0	15.3	35.9	60.2	88.8	121.5	157.3	193.9	233.8	274.8	317.2
52.5°	0.0	16.2	38.6	64.3	96.4	131.2	170.2	210.7	253.7	297.5	342.8
50°	0.0	17.0	41.2	68.2	103.6	141.6	182.7	227.2	272.7	319.2	367.3
47.5°	0.0	17.8	43.8	72.3	110.6	151.6	195.0	243.1	290.9	339.8	391.3
45°	0.0	18.6	46.2	77.3	117.3	161.2	208.1	258.4	308.4	360.9	414.8
42.5°	0.0	19.3	48.6	82.1	123.7	170.4	220.6	273.0	325.1	381.5	437.6
40°	0.0	19.9	50.9	86.8	130.3	179.2	232.5	286.9	341.6	401.3	459.8
37.5°	0.0	20.5	53.1	91.3	136.9	187.5	243.7	300.1	358.0	419.7	481.2
35°	0.0	21.1	55.2	95.6	143.1	195.9	254.4	312.6	373.2	437.1	501.9
32.5°	0.0	21.6	57.2	99.6	148.9	204.2	264.4	324.3	387.3	453.5	520.0
30°	0.0	22.1	59.0	103.3	154.4	211.9	273.6	335.3	400.2	468.6	536.3
27.5°	0.0	22.5	60.8	106.8	159.6	219.0	282.2	345.7	412.1	482.6	551.0
25°	0.0	22.8	62.4	110.0	164.5	225.5	290.1	355.1	423.3	494.8	564.0
22.5°	0.0	23.1	63.9	112.9	168.9	231.4	297.2	363.4	433.4	505.4	575.3
20°	0.0	23.4	65.2	115.5	172.9	236.5	303.5	370.7	442.3	514.6	585.5
17.5°	0.0	23.5	66.5	117.8	176.5	240.8	308.7	376.9	450.1	522.3	594.6
15°	0.0	23.7	67.5	119.9	179.6	244.3	313.0	382.4	456.7	528.5	602.4
12.5°	0.0	23.8	68.4	121.6	182.2	247.2	316.5	387.5	462.3	533.3	608.9
10°	0.0	23.8	69.2	123.0	184.4	249.3	319.1	391.8	466.6	538.5	615.2
7.5°	0.0	23.8	69.8	124.1	186.0	250.7	321.0	395.3	469.5	542.9	622.4
5°	0.0	23.8	70.2	124.9	187.2	251.4	322.0	397.8	471.0	546.2	628.2
2.5°	0.0	23.6	70.5	125.3	188.0	251.5	322.1	399.4	471.4	548.2	632.5
0°	0.0	23.5	70.6	125.5	188.2	250.9	321.5	399.9	470.5	548.9	635.2
-2.5°	0.0	23.6	70.5	125.3	188.0	251.5	322.1	399.4	471.4	548.2	632.5
-5°	0.0	23.8	70.2	124.9	187.2	251.4	322.0	397.8	471.0	546.2	628.2
-7.5°	0.0	23.8	69.8	124.1	186.0	250.7	321.0	395.3	469.5	542.9	622.4
-10°	0.0	23.8	69.2	123.0	184.4	249.3	319.1	391.8	466.6	538.5	615.2
-12.5°	0.0	23.8	68.4	121.6	182.2	247.2	316.5	387.5	462.3	533.3	608.9
-15°	0.0	23.7	67.5	119.9	179.6	244.3	313.0	382.4	456.7	528.5	602.4
-17.5°	0.0	23.5	66.5	117.8	176.5	240.8	308.7	376.9	450.1	522.3	594.6
-20°	0.0	23.4	65.2	115.5	172.9	236.5	303.5	370.7	442.3	514.6	585.5



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CATALOG NUMBER: GFLD-SA6E-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	23.1	63.9	112.9	168.9	231.4	297.2	363.4	433.4	505.4	575.3
-25°	0.0	22.8	62.4	110.0	164.5	225.5	290.1	355.1	423.3	494.8	564.0
-27.5°	0.0	22.5	60.8	106.8	159.6	219.0	282.2	345.7	412.1	482.6	551.0
-30°	0.0	22.1	59.0	103.3	154.4	211.9	273.6	335.3	400.2	468.6	536.3
-32.5°	0.0	21.6	57.2	99.6	148.9	204.2	264.4	324.3	387.3	453.5	520.0
-35°	0.0	21.1	55.2	95.6	143.1	195.9	254.4	312.6	373.2	437.1	501.9
-37.5°	0.0	20.5	53.1	91.3	136.9	187.5	243.7	300.1	358.0	419.7	481.2
-40°	0.0	19.9	50.9	86.8	130.3	179.2	232.5	286.9	341.6	401.3	459.8
-42.5°	0.0	19.3	48.6	82.1	123.7	170.4	220.6	273.0	325.1	381.5	437.6
-45°	0.0	18.6	46.2	77.3	117.3	161.2	208.1	258.4	308.4	360.9	414.8
-47.5°	0.0	17.8	43.8	72.3	110.6	151.6	195.0	243.1	290.9	339.8	391.3
-50°	0.0	17.0	41.2	68.2	103.6	141.6	182.7	227.2	272.7	319.2	367.3
-52.5°	0.0	16.2	38.6	64.3	96.4	131.2	170.2	210.7	253.7	297.5	342.8
-55°	0.0	15.3	35.9	60.2	88.8	121.5	157.3	193.9	233.8	274.8	317.2
-57.5°	0.0	14.4	33.1	55.9	81.1	111.8	143.9	178.3	213.0	251.2	290.6
-60°	0.0	13.5	30.3	51.5	73.2	101.8	130.4	162.1	192.2	226.7	263.0
-62.5°	0.0	12.5	28.1	46.9	66.9	91.5	118.1	145.4	173.1	201.3	234.3
-65°	0.0	11.4	25.9	42.2	60.4	81.0	105.4	128.9	153.6	178.6	204.9
-67.5°	0.0	10.4	23.5	37.3	53.7	71.3	92.6	113.7	133.8	156.4	178.6
-70°	0.0	9.3	21.1	32.4	46.8	62.5	79.4	98.2	116.1	133.8	153.6
-72.5°	0.0	8.2	18.6	28.3	39.8	53.4	67.9	82.5	98.2	113.7	128.9
-75°	0.0	7.1	16.1	24.3	32.7	44.1	56.4	68.3	80.1	93.4	106.5
-77.5°	0.0	5.9	13.5	20.3	27.1	34.7	44.7	54.6	64.2	73.7	83.9
-80°	0.0	4.8	10.9	16.3	21.7	27.1	32.8	40.7	48.4	56.0	63.5
-82.5°	0.0	3.6	8.2	12.3	16.3	20.3	24.3	28.3	32.5	38.2	43.8
-85°	0.0	2.4	5.5	8.2	10.9	13.6	16.2	18.9	21.5	24.0	26.5
-87.5°	0.0	1.2	2.7	4.1	5.5	6.8	8.1	9.4	10.7	12.0	13.3
-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°	14.5	15.7	16.9	18.0	19.1	20.2	21.2	22.2	23.1	24.1	24.9
85°	29.0	31.4	34.9	38.3	41.2	43.7	45.8	47.6	50.9	54.3	57.7
82.5°	49.4	54.7	60.0	65.1	68.6	71.4	74.2	78.2	85.1	91.7	97.8
80°	70.9	78.0	86.2	94.1	100.9	107.8	114.9	122.2	129.8	136.9	143.8
77.5°	94.6	105.0	115.3	125.2	135.1	145.8	156.1	166.0	175.5	184.6	193.2
75°	119.3	131.9	145.7	159.3	172.6	185.4	198.0	211.4	224.3	236.5	248.2
72.5°	145.4	162.1	178.4	194.3	211.5	228.3	244.6	260.3	275.6	291.6	308.4
70°	173.1	192.2	213.4	233.8	253.0	273.1	293.2	310.5	327.0	349.0	371.6
67.5°	201.5	227.4	251.3	274.3	299.9	323.6	344.1	366.1	389.6	415.0	437.3
65°	235.2	263.2	291.1	320.2	349.7	374.4	400.1	427.3	453.9	479.3	503.4
62.5°	268.4	300.0	332.1	363.8	394.2	423.7	454.7	485.0	514.3	543.8	569.8
60°	300.3	336.3	370.1	403.2	437.6	474.4	508.7	542.3	577.4	610.8	628.2
57.5°	331.2	369.6	405.0	442.1	482.5	524.0	560.0	598.2	628.2	651.4	674.0
55°	360.2	400.1	438.9	480.6	524.6	567.7	607.8	641.8	669.5	690.7	714.7
52.5°	387.4	429.4	471.6	517.3	563.9	609.9	651.9	683.7	708.6	730.4	752.8
50°	414.1	458.2	502.8	552.9	602.9	651.7	692.8	721.9	745.5	767.8	790.9
47.5°	440.3	486.6	534.7	588.0	642.1	689.3	728.3	754.9	778.7	804.8	830.1
45°	466.0	516.1	567.1	624.3	678.7	724.1	757.3	784.0	813.3	841.6	868.7
42.5°	491.1	545.2	600.5	659.7	712.3	753.3	784.2	815.7	847.4	877.5	908.1
40°	516.5	573.2	631.6	690.6	743.5	778.9	811.7	845.6	880.5	913.2	947.2
37.5°	540.8	599.4	659.7	719.3	767.4	803.3	837.3	874.8	911.5	947.3	991.4
35°	563.9	623.3	684.1	741.8	788.1	825.2	863.3	902.7	941.3	987.4	1037.8
32.5°	584.5	644.8	706.4	760.2	805.5	845.6	888.2	929.4	975.7	1027.9	1088.4
30°	601.9	663.6	725.5	777.9	822.2	864.6	910.8	956.3	1010.4	1073.3	1145.1
27.5°	617.1	680.4	740.6	793.1	838.1	880.3	929.0	986.3	1048.5	1119.0	1203.5
25°	631.4	697.5	754.9	807.0	850.8	894.9	947.1	1010.4	1085.3	1170.2	1273.5
22.5°	644.9	713.9	769.4	820.2	860.8	908.4	967.1	1036.1	1117.4	1217.0	1342.8
20°	657.7	726.1	781.0	830.6	868.3	920.2	984.8	1058.5	1150.9	1269.7	1415.1
17.5°	669.6	736.6	790.1	836.8	878.1	932.7	1000.5	1076.8	1180.0	1317.5	1481.6
15°	680.4	745.4	797.5	841.8	886.8	945.9	1016.8	1099.4	1212.2	1363.1	1540.5
12.5°	689.9	752.5	803.1	845.6	893.9	956.6	1031.2	1123.0	1246.8	1407.9	1615.2
10°	698.1	757.9	807.0	848.3	899.1	964.9	1043.3	1142.1	1274.4	1442.6	1672.6
7.5°	705.0	762.3	809.7	849.8	902.6	970.6	1052.7	1156.8	1293.6	1467.3	1714.1
5°	709.9	765.7	813.0	854.6	907.9	975.1	1059.6	1166.8	1305.0	1481.9	1739.9
2.5°	712.7	767.8	814.9	859.2	913.6	979.0	1064.8	1177.7	1314.1	1496.2	1759.6
0°	713.6	768.5	815.6	862.6	917.5	980.2	1066.5	1184.1	1317.4	1505.6	1772.3
-2.5°	712.7	767.8	814.9	859.2	913.6	979.0	1064.8	1177.7	1314.1	1496.2	1759.6
-5°	709.9	765.7	813.0	854.6	907.9	975.1	1059.6	1166.8	1305.0	1481.9	1739.9
-7.5°	705.0	762.3	809.7	849.8	902.6	970.6	1052.7	1156.8	1293.6	1467.3	1714.1
-10°	698.1	757.9	807.0	848.3	899.1	964.9	1043.3	1142.1	1274.4	1442.6	1672.6
-12.5°	689.9	752.5	803.1	845.6	893.9	956.6	1031.2	1123.0	1246.8	1407.9	1615.2
-15°	680.4	745.4	797.5	841.8	886.8	945.9	1016.8	1099.4	1212.2	1363.1	1540.5
-17.5°	669.6	736.6	790.1	836.8	878.1	932.7	1000.5	1076.8	1180.0	1317.5	1481.6
-20°	657.7	726.1	781.0	830.6	868.3	920.2	984.8	1058.5	1150.9	1269.7	1415.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	644.9	713.9	769.4	820.2	860.8	908.4	967.1	1036.1	1117.4	1217.0	1342.8
-25°	631.4	697.5	754.9	807.0	850.8	894.9	947.1	1010.4	1085.3	1170.2	1273.5
-27.5°	617.1	680.4	740.6	793.1	838.1	880.3	929.0	986.3	1048.5	1119.0	1203.5
-30°	601.9	663.6	725.5	777.9	822.2	864.6	910.8	956.3	1010.4	1073.3	1145.1
-32.5°	584.5	644.8	706.4	760.2	805.5	845.6	888.2	929.4	975.7	1027.9	1088.4
-35°	563.9	623.3	684.1	741.8	788.1	825.2	863.3	902.7	941.3	987.4	1037.8
-37.5°	540.8	599.4	659.7	719.3	767.4	803.3	837.3	874.8	911.5	947.3	991.4
-40°	516.5	573.2	631.6	690.6	743.5	778.9	811.7	845.6	880.5	913.2	947.2
-42.5°	491.1	545.2	600.5	659.7	712.3	753.3	784.2	815.7	847.4	877.5	908.1
-45°	466.0	516.1	567.1	624.3	678.7	724.1	757.3	784.0	813.3	841.6	868.7
-47.5°	440.3	486.6	534.7	588.0	642.1	689.3	728.3	754.9	778.7	804.8	830.1
-50°	414.1	458.2	502.8	552.9	602.9	651.7	692.8	721.9	745.5	767.8	790.9
-52.5°	387.4	429.4	471.6	517.3	563.9	609.9	651.9	683.7	708.6	730.4	752.8
-55°	360.2	400.1	438.9	480.6	524.6	567.7	607.8	641.8	669.5	690.7	714.7
-57.5°	331.2	369.6	405.0	442.1	482.5	524.0	560.0	598.2	628.2	651.4	674.0
-60°	300.3	336.3	370.1	403.2	437.6	474.4	508.7	542.3	577.4	610.8	628.2
-62.5°	268.4	300.0	332.1	363.8	394.2	423.7	454.7	485.0	514.3	543.8	569.8
-65°	235.2	263.2	291.1	320.2	349.7	374.4	400.1	427.3	453.9	479.3	503.4
-67.5°	201.5	227.4	251.3	274.3	299.9	323.6	344.1	366.1	389.6	415.0	437.3
-70°	173.1	192.2	213.4	233.8	253.0	273.1	293.2	310.5	327.0	349.0	371.6
-72.5°	145.4	162.1	178.4	194.3	211.5	228.3	244.6	260.3	275.6	291.6	308.4
-75°	119.3	131.9	145.7	159.3	172.6	185.4	198.0	211.4	224.3	236.5	248.2
-77.5°	94.6	105.0	115.3	125.2	135.1	145.8	156.1	166.0	175.5	184.6	193.2
-80°	70.9	78.0	86.2	94.1	100.9	107.8	114.9	122.2	129.8	136.9	143.8
-82.5°	49.4	54.7	60.0	65.1	68.6	71.4	74.2	78.2	85.1	91.7	97.8
-85°	29.0	31.4	34.9	38.3	41.2	43.7	45.8	47.6	50.9	54.3	57.7
-87.5°	14.5	15.7	16.9	18.0	19.1	20.2	21.2	22.2	23.1	24.1	24.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	25.7	26.5	27.2	27.9	28.5	29.0	29.5	29.9	30.3	28.7	27.0
85°	61.3	63.6	65.8	67.8	69.6	71.2	72.7	74.0	75.2	74.3	73.1
82.5°	103.3	107.4	111.1	114.6	117.8	120.7	123.3	125.6	127.7	127.5	126.9
80°	150.3	157.0	163.8	170.5	177.0	181.0	183.9	186.0	187.5	188.2	188.4
77.5°	202.0	212.4	223.3	234.0	244.4	250.5	254.7	258.3	261.2	261.8	261.3
75°	259.3	272.7	287.5	300.5	311.7	318.6	323.4	327.4	330.7	331.5	331.2
72.5°	325.9	342.5	355.8	366.7	376.2	383.6	389.6	394.6	398.8	400.5	400.8
70°	391.4	407.8	420.4	431.5	440.8	448.5	455.7	461.8	466.9	470.6	473.4
67.5°	457.8	476.5	489.5	499.5	507.4	515.5	525.0	533.3	540.2	544.9	547.2
65°	526.0	545.3	557.8	568.8	578.4	588.7	599.3	607.1	612.2	615.4	617.5
62.5°	592.0	610.0	625.7	640.2	654.2	665.9	673.2	679.7	685.3	690.0	693.5
60°	648.6	671.6	689.1	703.1	716.8	730.0	739.0	746.0	751.6	755.7	758.3
57.5°	697.0	720.3	741.1	754.6	769.5	785.3	795.7	801.7	807.2	811.9	814.1
55°	739.3	760.8	780.0	798.5	815.2	829.4	840.4	848.5	855.2	860.6	862.4
52.5°	777.3	800.8	823.3	843.0	859.3	872.9	883.8	893.8	901.4	906.6	908.9
50°	817.2	842.6	866.6	888.2	905.0	920.2	933.8	945.6	956.9	965.8	972.2
47.5°	856.6	883.6	910.1	933.8	954.0	976.1	995.9	1012.7	1029.1	1042.4	1051.6
45°	896.2	927.4	956.3	986.8	1014.1	1043.0	1070.0	1093.1	1116.9	1134.9	1147.0
42.5°	940.3	975.7	1010.4	1048.5	1085.7	1123.4	1164.1	1200.5	1228.5	1254.9	1276.2
40°	987.4	1027.9	1073.3	1120.0	1174.8	1224.6	1279.3	1326.3	1368.8	1413.8	1449.5
37.5°	1037.8	1088.4	1147.9	1210.4	1281.3	1349.5	1420.9	1491.2	1552.5	1624.9	1680.1
35°	1093.4	1161.0	1234.3	1318.8	1407.1	1504.7	1602.5	1715.5	1812.7	1919.6	2012.9
32.5°	1159.3	1239.9	1336.1	1447.5	1561.1	1709.1	1847.4	2027.3	2182.8	2352.5	2523.5
30°	1227.0	1332.4	1456.6	1597.0	1777.4	1981.0	2208.0	2475.5	2751.3	3018.1	3340.1
27.5°	1311.0	1438.1	1588.5	1793.7	2059.2	2334.4	2724.6	3126.1	3633.1	4052.4	4643.7
25°	1398.2	1547.8	1761.5	2040.6	2387.2	2864.7	3456.8	4098.6	4990.6	5774.3	6693.4
22.5°	1493.1	1695.1	1961.1	2305.4	2831.0	3564.0	4460.6	5668.8	6984.5	8381.3	9770.8
20°	1592.0	1836.4	2185.0	2684.1	3405.2	4398.0	5937.2	7802.4	9682.0	11986.8	14027.7
17.5°	1706.5	2017.6	2447.2	3071.3	4033.7	5554.3	7689.6	10293.6	13209.6	16523.5	19465.8
15°	1801.9	2172.9	2715.1	3588.4	4911.8	6864.8	9557.5	13139.7	17521.7	21972.3	26487.8
12.5°	1912.7	2341.8	2978.6	4019.9	5682.1	8277.5	11942.8	16476.8	21949.4	28122.7	35400.2
10°	2011.0	2507.6	3299.2	4588.1	6619.5	9750.9	14199.2	19653.9	26716.4	35598.4	46868.2
7.5°	2084.0	2639.6	3546.8	5020.6	7429.9	11167.5	16331.2	23133.1	32107.1	43835.7	59302.6
5°	2131.3	2735.1	3721.9	5354.4	8064.3	12221.8	17893.6	25600.7	36427.2	53015.4	79206.6
2.5°	2159.6	2791.6	3821.9	5550.1	8450.2	12920.4	19082.3	27466.7	39227.0	58688.4	92008.5
0°	2172.2	2807.4	3881.7	5654.0	8579.0	13190.0	19628.2	28317.0	40479.8	60013.9	94259.4
-2.5°	2159.6	2791.6	3821.9	5550.1	8450.2	12920.4	19082.3	27466.7	39227.0	58688.4	92008.5
-5°	2131.3	2735.1	3721.9	5354.4	8064.3	12221.8	17893.6	25600.7	36427.2	53015.4	79206.6
-7.5°	2084.0	2639.6	3546.8	5020.6	7429.9	11167.5	16331.2	23133.1	32107.1	43835.7	59302.6
-10°	2011.0	2507.6	3299.2	4588.1	6619.5	9750.9	14199.2	19653.9	26716.4	35598.4	46868.2
-12.5°	1912.7	2341.8	2978.6	4019.9	5682.1	8277.5	11942.8	16476.8	21949.4	28122.7	35400.2
-15°	1801.9	2172.9	2715.1	3588.4	4911.8	6864.8	9557.5	13139.7	17521.7	21972.3	26487.8
-17.5°	1706.5	2017.6	2447.2	3071.3	4033.7	5554.3	7689.6	10293.6	13209.6	16523.5	19465.8
-20°	1592.0	1836.4	2185.0	2684.1	3405.2	4398.0	5937.2	7802.4	9682.0	11986.8	14027.7



REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1493.1	1695.1	1961.1	2305.4	2831.0	3564.0	4460.6	5668.8	6984.5	8381.3	9770.8
-25°	1398.2	1547.8	1761.5	2040.6	2387.2	2864.7	3456.8	4098.6	4990.6	5774.3	6693.4
-27.5°	1311.0	1438.1	1588.5	1793.7	2059.2	2334.4	2724.6	3126.1	3633.1	4052.4	4643.7
-30°	1227.0	1332.4	1456.6	1597.0	1777.4	1981.0	2208.0	2475.5	2751.3	3018.1	3340.1
-32.5°	1159.3	1239.9	1336.1	1447.5	1561.1	1709.1	1847.4	2027.3	2182.8	2352.5	2523.5
-35°	1093.4	1161.0	1234.3	1318.8	1407.1	1504.7	1602.5	1715.5	1812.7	1919.6	2012.9
-37.5°	1037.8	1088.4	1147.9	1210.4	1281.3	1349.5	1420.9	1491.2	1552.5	1624.9	1680.1
-40°	987.4	1027.9	1073.3	1120.0	1174.8	1224.6	1279.3	1326.3	1368.8	1413.8	1449.5
-42.5°	940.3	975.7	1010.4	1048.5	1085.7	1123.4	1164.1	1200.5	1228.5	1254.9	1276.2
-45°	896.2	927.4	956.3	986.8	1014.1	1043.0	1070.0	1093.1	1116.9	1134.9	1147.0
-47.5°	856.6	883.6	910.1	933.8	954.0	976.1	995.9	1012.7	1029.1	1042.4	1051.6
-50°	817.2	842.6	866.6	888.2	905.0	920.2	933.8	945.6	956.9	965.8	972.2
-52.5°	777.3	800.8	823.3	843.0	859.3	872.9	883.8	893.8	901.4	906.6	908.9
-55°	739.3	760.8	780.0	798.5	815.2	829.4	840.4	848.5	855.2	860.6	862.4
-57.5°	697.0	720.3	741.1	754.6	769.5	785.3	795.7	801.7	807.2	811.9	814.1
-60°	648.6	671.6	689.1	703.1	716.8	730.0	739.0	746.0	751.6	755.7	758.3
-62.5°	592.0	610.0	625.7	640.2	654.2	665.9	673.2	679.7	685.3	690.0	693.5
-65°	526.0	545.3	557.8	568.8	578.4	588.7	599.3	607.1	612.2	615.4	617.5
-67.5°	457.8	476.5	489.5	499.5	507.4	515.5	525.0	533.3	540.2	544.9	547.2
-70°	391.4	407.8	420.4	431.5	440.8	448.5	455.7	461.8	466.9	470.6	473.4
-72.5°	325.9	342.5	355.8	366.7	376.2	383.6	389.6	394.6	398.8	400.5	400.8
-75°	259.3	272.7	287.5	300.5	311.7	318.6	323.4	327.4	330.7	331.5	331.2
-77.5°	202.0	212.4	223.3	234.0	244.4	250.5	254.7	258.3	261.2	261.8	261.3
-80°	150.3	157.0	163.8	170.5	177.0	181.0	183.9	186.0	187.5	188.2	188.4
-82.5°	103.3	107.4	111.1	114.6	117.8	120.7	123.3	125.6	127.7	127.5	126.9
-85°	61.3	63.6	65.8	67.8	69.6	71.2	72.7	74.0	75.2	74.3	73.1
-87.5°	25.7	26.5	27.2	27.9	28.5	29.0	29.5	29.9	30.3	28.7	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: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	25.3	23.4	23.5	23.5	23.5	23.4	25.3	27.0	28.7	30.3	29.9
85°	71.8	70.3	70.5	70.6	70.5	70.3	71.8	73.1	74.3	75.2	74.0
82.5°	126.1	124.9	125.3	125.5	125.3	124.9	126.1	126.9	127.5	127.7	125.6
80°	188.1	187.3	184.1	180.4	184.1	187.3	188.1	188.4	188.2	187.5	186.0
77.5°	259.8	257.6	254.6	250.9	254.6	257.6	259.8	261.3	261.8	261.2	258.3
75°	330.0	328.0	329.0	329.4	329.0	328.0	330.0	331.2	331.5	330.7	327.4
72.5°	400.0	398.3	399.4	399.9	399.4	398.3	400.0	400.8	400.5	398.8	394.6
70°	475.3	476.2	474.1	470.5	474.1	476.2	475.3	473.4	470.6	466.9	461.8
67.5°	547.9	547.0	544.7	541.1	544.7	547.0	547.9	547.2	544.9	540.2	533.3
65°	618.2	617.4	618.7	619.5	618.7	617.4	618.2	617.5	615.4	612.2	607.1
62.5°	695.3	695.3	693.6	690.1	693.6	695.3	695.3	693.5	690.0	685.3	679.7
60°	759.3	758.7	756.6	752.8	756.6	758.7	759.3	758.3	755.7	751.6	746.0
57.5°	814.8	814.0	811.6	807.7	811.6	814.0	814.8	814.1	811.9	807.2	801.7
55°	862.6	861.5	858.8	854.8	858.8	861.5	862.6	862.4	860.6	855.2	848.5
52.5°	909.5	908.6	908.9	909.7	908.9	908.6	909.5	908.9	906.6	901.4	893.8
50°	976.1	977.4	976.2	972.4	976.2	977.4	976.1	972.2	965.8	956.9	945.6
47.5°	1056.0	1056.5	1054.6	1050.8	1054.6	1056.5	1056.0	1051.6	1042.4	1029.1	1012.7
45°	1156.5	1162.2	1163.7	1160.6	1163.7	1162.2	1156.5	1147.0	1134.9	1116.9	1093.1
42.5°	1292.7	1301.6	1304.2	1301.8	1304.2	1301.6	1292.7	1276.2	1254.9	1228.5	1200.5
40°	1471.5	1481.6	1483.6	1482.1	1483.6	1481.6	1471.5	1449.5	1413.8	1368.8	1326.3
37.5°	1718.8	1743.6	1755.2	1756.6	1755.2	1743.6	1718.8	1680.1	1624.9	1552.5	1491.2
35°	2083.9	2133.1	2159.5	2172.2	2159.5	2133.1	2083.9	2012.9	1919.6	1812.7	1715.5
32.5°	2653.0	2751.6	2806.2	2799.6	2806.2	2751.6	2653.0	2523.5	2352.5	2182.8	2027.3
30°	3582.7	3755.2	3841.9	3819.0	3841.9	3755.2	3582.7	3340.1	3018.1	2751.3	2475.5
27.5°	5068.2	5379.9	5560.2	5536.4	5560.2	5379.9	5068.2	4643.7	4052.4	3633.1	3126.1
25°	7461.8	8030.6	8394.7	8304.5	8394.7	8030.6	7461.8	6693.4	5774.3	4990.6	4098.6
22.5°	11102.8	12066.4	12704.1	12625.4	12704.1	12066.4	11102.8	9770.8	8381.3	6984.5	5668.8
20°	16097.2	17563.9	18611.2	18749.9	18611.2	17563.9	16097.2	14027.7	11986.8	9682.0	7802.4
17.5°	22644.1	24969.6	26588.3	26858.4	26588.3	24969.6	22644.1	19465.8	16523.5	13209.6	10293.6
15°	31152.6	34953.4	37704.2	37931.2	37704.2	34953.4	31152.6	26487.8	21972.3	17521.7	13139.7
12.5°	42705.8	50350.3	55339.4	57535.9	55339.4	50350.3	42705.8	35400.2	28122.7	21949.4	16476.8
10°	58694.9	76253.9	87499.0	91726.4	87499.0	76253.9	58694.9	46868.2	35598.4	26716.4	19653.9
7.5°	85401.4	112969.6	143618.1	156680.8	143618.1	112969.6	85401.4	59302.6	43835.7	32107.1	23133.1
5°	115644.6	172859.5	227281.1	248532.6	227281.1	172859.5	115644.6	79206.6	53015.4	36427.2	25600.7
2.5°	147468.1	227217.4	301948.6	331174.3	301948.6	227217.4	147468.1	92008.5	58688.4	39227.0	27466.7
0°	159895.9	251018.5	333240.6	366011.8	333240.6	251018.5	159895.9	94259.4	60013.9	40479.8	28317.0
-2.5°	147468.1	227217.4	301948.6	331174.3	301948.6	227217.4	147468.1	92008.5	58688.4	39227.0	27466.7
-5°	115644.6	172859.5	227281.1	248532.6	227281.1	172859.5	115644.6	79206.6	53015.4	36427.2	25600.7
-7.5°	85401.4	112969.6	143618.1	156680.8	143618.1	112969.6	85401.4	59302.6	43835.7	32107.1	23133.1
-10°	58694.9	76253.9	87499.0	91726.4	87499.0	76253.9	58694.9	46868.2	35598.4	26716.4	19653.9
-12.5°	42705.8	50350.3	55339.4	57535.9	55339.4	50350.3	42705.8	35400.2	28122.7	21949.4	16476.8
-15°	31152.6	34953.4	37704.2	37931.2	37704.2	34953.4	31152.6	26487.8	21972.3	17521.7	13139.7
-17.5°	22644.1	24969.6	26588.3	26858.4	26588.3	24969.6	22644.1	19465.8	16523.5	13209.6	10293.6
-20°	16097.2	17563.9	18611.2	18749.9	18611.2	17563.9	16097.2	14027.7	11986.8	9682.0	7802.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	11102.8	12066.4	12704.1	12625.4	12704.1	12066.4	11102.8	9770.8	8381.3	6984.5	5668.8
-25°	7461.8	8030.6	8394.7	8304.5	8394.7	8030.6	7461.8	6693.4	5774.3	4990.6	4098.6
-27.5°	5068.2	5379.9	5560.2	5536.4	5560.2	5379.9	5068.2	4643.7	4052.4	3633.1	3126.1
-30°	3582.7	3755.2	3841.9	3819.0	3841.9	3755.2	3582.7	3340.1	3018.1	2751.3	2475.5
-32.5°	2653.0	2751.6	2806.2	2799.6	2806.2	2751.6	2653.0	2523.5	2352.5	2182.8	2027.3
-35°	2083.9	2133.1	2159.5	2172.2	2159.5	2133.1	2083.9	2012.9	1919.6	1812.7	1715.5
-37.5°	1718.8	1743.6	1755.2	1756.6	1755.2	1743.6	1718.8	1680.1	1624.9	1552.5	1491.2
-40°	1471.5	1481.6	1483.6	1482.1	1483.6	1481.6	1471.5	1449.5	1413.8	1368.8	1326.3
-42.5°	1292.7	1301.6	1304.2	1301.8	1304.2	1301.6	1292.7	1276.2	1254.9	1228.5	1200.5
-45°	1156.5	1162.2	1163.7	1160.6	1163.7	1162.2	1156.5	1147.0	1134.9	1116.9	1093.1
-47.5°	1056.0	1056.5	1054.6	1050.8	1054.6	1056.5	1056.0	1051.6	1042.4	1029.1	1012.7
-50°	976.1	977.4	976.2	972.4	976.2	977.4	976.1	972.2	965.8	956.9	945.6
-52.5°	909.5	908.6	908.9	909.7	908.9	908.6	909.5	908.9	906.6	901.4	893.8
-55°	862.6	861.5	858.8	854.8	858.8	861.5	862.6	862.4	860.6	855.2	848.5
-57.5°	814.8	814.0	811.6	807.7	811.6	814.0	814.8	814.1	811.9	807.2	801.7
-60°	759.3	758.7	756.6	752.8	756.6	758.7	759.3	758.3	755.7	751.6	746.0
-62.5°	695.3	695.3	693.6	690.1	693.6	695.3	695.3	693.5	690.0	685.3	679.7
-65°	618.2	617.4	618.7	619.5	618.7	617.4	618.2	617.5	615.4	612.2	607.1
-67.5°	547.9	547.0	544.7	541.1	544.7	547.0	547.9	547.2	544.9	540.2	533.3
-70°	475.3	476.2	474.1	470.5	474.1	476.2	475.3	473.4	470.6	466.9	461.8
-72.5°	400.0	398.3	399.4	399.9	399.4	398.3	400.0	400.8	400.5	398.8	394.6
-75°	330.0	328.0	329.0	329.4	329.0	328.0	330.0	331.2	331.5	330.7	327.4
-77.5°	259.8	257.6	254.6	250.9	254.6	257.6	259.8	261.3	261.8	261.2	258.3
-80°	188.1	187.3	184.1	180.4	184.1	187.3	188.1	188.4	188.2	187.5	186.0
-82.5°	126.1	124.9	125.3	125.5	125.3	124.9	126.1	126.9	127.5	127.7	125.6
-85°	71.8	70.3	70.5	70.6	70.5	70.3	71.8	73.1	74.3	75.2	74.0
-87.5°	25.3	23.4	23.5	23.5	23.5	23.4	25.3	27.0	28.7	30.3	29.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	29.5	29.0	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.1	22.2
85°	72.7	71.2	69.6	67.8	65.8	63.6	61.3	57.7	54.3	50.9	47.6
82.5°	123.3	120.7	117.8	114.6	111.1	107.4	103.3	97.8	91.7	85.1	78.2
80°	183.9	181.0	177.0	170.5	163.8	157.0	150.3	143.8	136.9	129.8	122.2
77.5°	254.7	250.5	244.4	234.0	223.3	212.4	202.0	193.2	184.6	175.5	166.0
75°	323.4	318.6	311.7	300.5	287.5	272.7	259.3	248.2	236.5	224.3	211.4
72.5°	389.6	383.6	376.2	366.7	355.8	342.5	325.9	308.4	291.6	275.6	260.3
70°	455.7	448.5	440.8	431.5	420.4	407.8	391.4	371.6	349.0	327.0	310.5
67.5°	525.0	515.5	507.4	499.5	489.5	476.5	457.8	437.3	415.0	389.6	366.1
65°	599.3	588.7	578.4	568.8	557.8	545.3	526.0	503.4	479.3	453.9	427.3
62.5°	673.2	665.9	654.2	640.2	625.7	610.0	592.0	569.8	543.8	514.3	485.0
60°	739.0	730.0	716.8	703.1	689.1	671.6	648.6	628.2	610.8	577.4	542.3
57.5°	795.7	785.3	769.5	754.6	741.1	720.3	697.0	674.0	651.4	628.2	598.2
55°	840.4	829.4	815.2	798.5	780.0	760.8	739.3	714.7	690.7	669.5	641.8
52.5°	883.8	872.9	859.3	843.0	823.3	800.8	777.3	752.8	730.4	708.6	683.7
50°	933.8	920.2	905.0	888.2	866.6	842.6	817.2	790.9	767.8	745.5	721.9
47.5°	995.9	976.1	954.0	933.8	910.1	883.6	856.6	830.1	804.8	778.7	754.9
45°	1070.0	1043.0	1014.1	986.8	956.3	927.4	896.2	868.7	841.6	813.3	784.0
42.5°	1164.1	1123.4	1085.7	1048.5	1010.4	975.7	940.3	908.1	877.5	847.4	815.7
40°	1279.3	1224.6	1174.8	1120.0	1073.3	1027.9	987.4	947.2	913.2	880.5	845.6
37.5°	1420.9	1349.5	1281.3	1210.4	1147.9	1088.4	1037.8	991.4	947.3	911.5	874.8
35°	1602.5	1504.7	1407.1	1318.8	1234.3	1161.0	1093.4	1037.8	987.4	941.3	902.7
32.5°	1847.4	1709.1	1561.1	1447.5	1336.1	1239.9	1159.3	1088.4	1027.9	975.7	929.4
30°	2208.0	1981.0	1777.4	1597.0	1456.6	1332.4	1227.0	1145.1	1073.3	1010.4	956.3
27.5°	2724.6	2334.4	2059.2	1793.7	1588.5	1438.1	1311.0	1203.5	1119.0	1048.5	986.3
25°	3456.8	2864.7	2387.2	2040.6	1761.5	1547.8	1398.2	1273.5	1170.2	1085.3	1010.4
22.5°	4460.6	3564.0	2831.0	2305.4	1961.1	1695.1	1493.1	1342.8	1217.0	1117.4	1036.1
20°	5937.2	4398.0	3405.2	2684.1	2185.0	1836.4	1592.0	1415.1	1269.7	1150.9	1058.5
17.5°	7689.6	5554.3	4033.7	3071.3	2447.2	2017.6	1706.5	1481.6	1317.5	1180.0	1076.8
15°	9557.5	6864.8	4911.8	3588.4	2715.1	2172.9	1801.9	1540.5	1363.1	1212.2	1099.4
12.5°	11942.8	8277.5	5682.1	4019.9	2978.6	2341.8	1912.7	1615.2	1407.9	1246.8	1123.0
10°	14199.2	9750.9	6619.5	4588.1	3299.2	2507.6	2011.0	1672.6	1442.6	1274.4	1142.1
7.5°	16331.2	11167.5	7429.9	5020.6	3546.8	2639.6	2084.0	1714.1	1467.3	1293.6	1156.8
5°	17893.6	12221.8	8064.3	5354.4	3721.9	2735.1	2131.3	1739.9	1481.9	1305.0	1166.8
2.5°	19082.3	12920.4	8450.2	5550.1	3821.9	2791.6	2159.6	1759.6	1496.2	1314.1	1177.7
0°	19628.2	13190.0	8579.0	5654.0	3881.7	2807.4	2172.2	1772.3	1505.6	1317.4	1184.1
-2.5°	19082.3	12920.4	8450.2	5550.1	3821.9	2791.6	2159.6	1759.6	1496.2	1314.1	1177.7
-5°	17893.6	12221.8	8064.3	5354.4	3721.9	2735.1	2131.3	1739.9	1481.9	1305.0	1166.8
-7.5°	16331.2	11167.5	7429.9	5020.6	3546.8	2639.6	2084.0	1714.1	1467.3	1293.6	1156.8
-10°	14199.2	9750.9	6619.5	4588.1	3299.2	2507.6	2011.0	1672.6	1442.6	1274.4	1142.1
-12.5°	11942.8	8277.5	5682.1	4019.9	2978.6	2341.8	1912.7	1615.2	1407.9	1246.8	1123.0
-15°	9557.5	6864.8	4911.8	3588.4	2715.1	2172.9	1801.9	1540.5	1363.1	1212.2	1099.4
-17.5°	7689.6	5554.3	4033.7	3071.3	2447.2	2017.6	1706.5	1481.6	1317.5	1180.0	1076.8
-20°	5937.2	4398.0	3405.2	2684.1	2185.0	1836.4	1592.0	1415.1	1269.7	1150.9	1058.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	4460.6	3564.0	2831.0	2305.4	1961.1	1695.1	1493.1	1342.8	1217.0	1117.4	1036.1
-25°	3456.8	2864.7	2387.2	2040.6	1761.5	1547.8	1398.2	1273.5	1170.2	1085.3	1010.4
-27.5°	2724.6	2334.4	2059.2	1793.7	1588.5	1438.1	1311.0	1203.5	1119.0	1048.5	986.3
-30°	2208.0	1981.0	1777.4	1597.0	1456.6	1332.4	1227.0	1145.1	1073.3	1010.4	956.3
-32.5°	1847.4	1709.1	1561.1	1447.5	1336.1	1239.9	1159.3	1088.4	1027.9	975.7	929.4
-35°	1602.5	1504.7	1407.1	1318.8	1234.3	1161.0	1093.4	1037.8	987.4	941.3	902.7
-37.5°	1420.9	1349.5	1281.3	1210.4	1147.9	1088.4	1037.8	991.4	947.3	911.5	874.8
-40°	1279.3	1224.6	1174.8	1120.0	1073.3	1027.9	987.4	947.2	913.2	880.5	845.6
-42.5°	1164.1	1123.4	1085.7	1048.5	1010.4	975.7	940.3	908.1	877.5	847.4	815.7
-45°	1070.0	1043.0	1014.1	986.8	956.3	927.4	896.2	868.7	841.6	813.3	784.0
-47.5°	995.9	976.1	954.0	933.8	910.1	883.6	856.6	830.1	804.8	778.7	754.9
-50°	933.8	920.2	905.0	888.2	866.6	842.6	817.2	790.9	767.8	745.5	721.9
-52.5°	883.8	872.9	859.3	843.0	823.3	800.8	777.3	752.8	730.4	708.6	683.7
-55°	840.4	829.4	815.2	798.5	780.0	760.8	739.3	714.7	690.7	669.5	641.8
-57.5°	795.7	785.3	769.5	754.6	741.1	720.3	697.0	674.0	651.4	628.2	598.2
-60°	739.0	730.0	716.8	703.1	689.1	671.6	648.6	628.2	610.8	577.4	542.3
-62.5°	673.2	665.9	654.2	640.2	625.7	610.0	592.0	569.8	543.8	514.3	485.0
-65°	599.3	588.7	578.4	568.8	557.8	545.3	526.0	503.4	479.3	453.9	427.3
-67.5°	525.0	515.5	507.4	499.5	489.5	476.5	457.8	437.3	415.0	389.6	366.1
-70°	455.7	448.5	440.8	431.5	420.4	407.8	391.4	371.6	349.0	327.0	310.5
-72.5°	389.6	383.6	376.2	366.7	355.8	342.5	325.9	308.4	291.6	275.6	260.3
-75°	323.4	318.6	311.7	300.5	287.5	272.7	259.3	248.2	236.5	224.3	211.4
-77.5°	254.7	250.5	244.4	234.0	223.3	212.4	202.0	193.2	184.6	175.5	166.0
-80°	183.9	181.0	177.0	170.5	163.8	157.0	150.3	143.8	136.9	129.8	122.2
-82.5°	123.3	120.7	117.8	114.6	111.1	107.4	103.3	97.8	91.7	85.1	78.2
-85°	72.7	71.2	69.6	67.8	65.8	63.6	61.3	57.7	54.3	50.9	47.6
-87.5°	29.5	29.0	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.1	22.2
-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: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	21.2	20.2	19.1	18.0	16.9	15.7	14.5	13.3	12.0	10.7	9.4
85°	45.8	43.7	41.2	38.3	34.9	31.4	29.0	26.5	24.0	21.5	18.9
82.5°	74.2	71.4	68.6	65.1	60.0	54.7	49.4	43.8	38.2	32.5	28.3
80°	114.9	107.8	100.9	94.1	86.2	78.0	70.9	63.5	56.0	48.4	40.7
77.5°	156.1	145.8	135.1	125.2	115.3	105.0	94.6	83.9	73.7	64.2	54.6
75°	198.0	185.4	172.6	159.3	145.7	131.9	119.3	106.5	93.4	80.1	68.3
72.5°	244.6	228.3	211.5	194.3	178.4	162.1	145.4	128.9	113.7	98.2	82.5
70°	293.2	273.1	253.0	233.8	213.4	192.2	173.1	153.6	133.8	116.1	98.2
67.5°	344.1	323.6	299.9	274.3	251.3	227.4	201.5	178.6	156.4	133.8	113.7
65°	400.1	374.4	349.7	320.2	291.1	263.2	235.2	204.9	178.6	153.6	128.9
62.5°	454.7	423.7	394.2	363.8	332.1	300.0	268.4	234.3	201.3	173.1	145.4
60°	508.7	474.4	437.6	403.2	370.1	336.3	300.3	263.0	226.7	192.2	162.1
57.5°	560.0	524.0	482.5	442.1	405.0	369.6	331.2	290.6	251.2	213.0	178.3
55°	607.8	567.7	524.6	480.6	438.9	400.1	360.2	317.2	274.8	233.8	193.9
52.5°	651.9	609.9	563.9	517.3	471.6	429.4	387.4	342.8	297.5	253.7	210.7
50°	692.8	651.7	602.9	552.9	502.8	458.2	414.1	367.3	319.2	272.7	227.2
47.5°	728.3	689.3	642.1	588.0	534.7	486.6	440.3	391.3	339.8	290.9	243.1
45°	757.3	724.1	678.7	624.3	567.1	516.1	466.0	414.8	360.9	308.4	258.4
42.5°	784.2	753.3	712.3	659.7	600.5	545.2	491.1	437.6	381.5	325.1	273.0
40°	811.7	778.9	743.5	690.6	631.6	573.2	516.5	459.8	401.3	341.6	286.9
37.5°	837.3	803.3	767.4	719.3	659.7	599.4	540.8	481.2	419.7	358.0	300.1
35°	863.3	825.2	788.1	741.8	684.1	623.3	563.9	501.9	437.1	373.2	312.6
32.5°	888.2	845.6	805.5	760.2	706.4	644.8	584.5	520.0	453.5	387.3	324.3
30°	910.8	864.6	822.2	777.9	725.5	663.6	601.9	536.3	468.6	400.2	335.3
27.5°	929.0	880.3	838.1	793.1	740.6	680.4	617.1	551.0	482.6	412.1	345.7
25°	947.1	894.9	850.8	807.0	754.9	697.5	631.4	564.0	494.8	423.3	355.1
22.5°	967.1	908.4	860.8	820.2	769.4	713.9	644.9	575.3	505.4	433.4	363.4
20°	984.8	920.2	868.3	830.6	781.0	726.1	657.7	585.5	514.6	442.3	370.7
17.5°	1000.5	932.7	878.1	836.8	790.1	736.6	669.6	594.6	522.3	450.1	376.9
15°	1016.8	945.9	886.8	841.8	797.5	745.4	680.4	602.4	528.5	456.7	382.4
12.5°	1031.2	956.6	893.9	845.6	803.1	752.5	689.9	608.9	533.3	462.3	387.5
10°	1043.3	964.9	899.1	848.3	807.0	757.9	698.1	615.2	538.5	466.6	391.8
7.5°	1052.7	970.6	902.6	849.8	809.7	762.3	705.0	622.4	542.9	469.5	395.3
5°	1059.6	975.1	907.9	854.6	813.0	765.7	709.9	628.2	546.2	471.0	397.8
2.5°	1064.8	979.0	913.6	859.2	814.9	767.8	712.7	632.5	548.2	471.4	399.4
0°	1066.5	980.2	917.5	862.6	815.6	768.5	713.6	635.2	548.9	470.5	399.9
-2.5°	1064.8	979.0	913.6	859.2	814.9	767.8	712.7	632.5	548.2	471.4	399.4
-5°	1059.6	975.1	907.9	854.6	813.0	765.7	709.9	628.2	546.2	471.0	397.8
-7.5°	1052.7	970.6	902.6	849.8	809.7	762.3	705.0	622.4	542.9	469.5	395.3
-10°	1043.3	964.9	899.1	848.3	807.0	757.9	698.1	615.2	538.5	466.6	391.8
-12.5°	1031.2	956.6	893.9	845.6	803.1	752.5	689.9	608.9	533.3	462.3	387.5
-15°	1016.8	945.9	886.8	841.8	797.5	745.4	680.4	602.4	528.5	456.7	382.4
-17.5°	1000.5	932.7	878.1	836.8	790.1	736.6	669.6	594.6	522.3	450.1	376.9
-20°	984.8	920.2	868.3	830.6	781.0	726.1	657.7	585.5	514.6	442.3	370.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	967.1	908.4	860.8	820.2	769.4	713.9	644.9	575.3	505.4	433.4	363.4
-25°	947.1	894.9	850.8	807.0	754.9	697.5	631.4	564.0	494.8	423.3	355.1
-27.5°	929.0	880.3	838.1	793.1	740.6	680.4	617.1	551.0	482.6	412.1	345.7
-30°	910.8	864.6	822.2	777.9	725.5	663.6	601.9	536.3	468.6	400.2	335.3
-32.5°	888.2	845.6	805.5	760.2	706.4	644.8	584.5	520.0	453.5	387.3	324.3
-35°	863.3	825.2	788.1	741.8	684.1	623.3	563.9	501.9	437.1	373.2	312.6
-37.5°	837.3	803.3	767.4	719.3	659.7	599.4	540.8	481.2	419.7	358.0	300.1
-40°	811.7	778.9	743.5	690.6	631.6	573.2	516.5	459.8	401.3	341.6	286.9
-42.5°	784.2	753.3	712.3	659.7	600.5	545.2	491.1	437.6	381.5	325.1	273.0
-45°	757.3	724.1	678.7	624.3	567.1	516.1	466.0	414.8	360.9	308.4	258.4
-47.5°	728.3	689.3	642.1	588.0	534.7	486.6	440.3	391.3	339.8	290.9	243.1
-50°	692.8	651.7	602.9	552.9	502.8	458.2	414.1	367.3	319.2	272.7	227.2
-52.5°	651.9	609.9	563.9	517.3	471.6	429.4	387.4	342.8	297.5	253.7	210.7
-55°	607.8	567.7	524.6	480.6	438.9	400.1	360.2	317.2	274.8	233.8	193.9
-57.5°	560.0	524.0	482.5	442.1	405.0	369.6	331.2	290.6	251.2	213.0	178.3
-60°	508.7	474.4	437.6	403.2	370.1	336.3	300.3	263.0	226.7	192.2	162.1
-62.5°	454.7	423.7	394.2	363.8	332.1	300.0	268.4	234.3	201.3	173.1	145.4
-65°	400.1	374.4	349.7	320.2	291.1	263.2	235.2	204.9	178.6	153.6	128.9
-67.5°	344.1	323.6	299.9	274.3	251.3	227.4	201.5	178.6	156.4	133.8	113.7
-70°	293.2	273.1	253.0	233.8	213.4	192.2	173.1	153.6	133.8	116.1	98.2
-72.5°	244.6	228.3	211.5	194.3	178.4	162.1	145.4	128.9	113.7	98.2	82.5
-75°	198.0	185.4	172.6	159.3	145.7	131.9	119.3	106.5	93.4	80.1	68.3
-77.5°	156.1	145.8	135.1	125.2	115.3	105.0	94.6	83.9	73.7	64.2	54.6
-80°	114.9	107.8	100.9	94.1	86.2	78.0	70.9	63.5	56.0	48.4	40.7
-82.5°	74.2	71.4	68.6	65.1	60.0	54.7	49.4	43.8	38.2	32.5	28.3
-85°	45.8	43.7	41.2	38.3	34.9	31.4	29.0	26.5	24.0	21.5	18.9
-87.5°	21.2	20.2	19.1	18.0	16.9	15.7	14.5	13.3	12.0	10.7	9.4
-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: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	8.1	6.8	5.5	4.1	2.7	1.2	0.0
85°	16.2	13.6	10.9	8.2	5.5	2.4	0.0
82.5°	24.3	20.3	16.3	12.3	8.2	3.6	0.0
80°	32.8	27.1	21.7	16.3	10.9	4.8	0.0
77.5°	44.7	34.7	27.1	20.3	13.5	5.9	0.0
75°	56.4	44.1	32.7	24.3	16.1	7.1	0.0
72.5°	67.9	53.4	39.8	28.3	18.6	8.2	0.0
70°	79.4	62.5	46.8	32.4	21.1	9.3	0.0
67.5°	92.6	71.3	53.7	37.3	23.5	10.4	0.0
65°	105.4	81.0	60.4	42.2	25.9	11.4	0.0
62.5°	118.1	91.5	66.9	46.9	28.1	12.5	0.0
60°	130.4	101.8	73.2	51.5	30.3	13.5	0.0
57.5°	143.9	111.8	81.1	55.9	33.1	14.4	0.0
55°	157.3	121.5	88.8	60.2	35.9	15.3	0.0
52.5°	170.2	131.2	96.4	64.3	38.6	16.2	0.0
50°	182.7	141.6	103.6	68.2	41.2	17.0	0.0
47.5°	195.0	151.6	110.6	72.3	43.8	17.8	0.0
45°	208.1	161.2	117.3	77.3	46.2	18.6	0.0
42.5°	220.6	170.4	123.7	82.1	48.6	19.3	0.0
40°	232.5	179.2	130.3	86.8	50.9	19.9	0.0
37.5°	243.7	187.5	136.9	91.3	53.1	20.5	0.0
35°	254.4	195.9	143.1	95.6	55.2	21.1	0.0
32.5°	264.4	204.2	148.9	99.6	57.2	21.6	0.0
30°	273.6	211.9	154.4	103.3	59.0	22.1	0.0
27.5°	282.2	219.0	159.6	106.8	60.8	22.5	0.0
25°	290.1	225.5	164.5	110.0	62.4	22.8	0.0
22.5°	297.2	231.4	168.9	112.9	63.9	23.1	0.0
20°	303.5	236.5	172.9	115.5	65.2	23.4	0.0
17.5°	308.7	240.8	176.5	117.8	66.5	23.5	0.0
15°	313.0	244.3	179.6	119.9	67.5	23.7	0.0
12.5°	316.5	247.2	182.2	121.6	68.4	23.8	0.0
10°	319.1	249.3	184.4	123.0	69.2	23.8	0.0
7.5°	321.0	250.7	186.0	124.1	69.8	23.8	0.0
5°	322.0	251.4	187.2	124.9	70.2	23.8	0.0
2.5°	322.1	251.5	188.0	125.3	70.5	23.6	0.0
0°	321.5	250.9	188.2	125.5	70.6	23.5	0.0
-2.5°	322.1	251.5	188.0	125.3	70.5	23.6	0.0
-5°	322.0	251.4	187.2	124.9	70.2	23.8	0.0
-7.5°	321.0	250.7	186.0	124.1	69.8	23.8	0.0
-10°	319.1	249.3	184.4	123.0	69.2	23.8	0.0
-12.5°	316.5	247.2	182.2	121.6	68.4	23.8	0.0
-15°	313.0	244.3	179.6	119.9	67.5	23.7	0.0
-17.5°	308.7	240.8	176.5	117.8	66.5	23.5	0.0
-20°	303.5	236.5	172.9	115.5	65.2	23.4	0.0

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REPORT NUMBER: P627969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	297.2	231.4	168.9	112.9	63.9	23.1	0.0
-25°	290.1	225.5	164.5	110.0	62.4	22.8	0.0
-27.5°	282.2	219.0	159.6	106.8	60.8	22.5	0.0
-30°	273.6	211.9	154.4	103.3	59.0	22.1	0.0
-32.5°	264.4	204.2	148.9	99.6	57.2	21.6	0.0
-35°	254.4	195.9	143.1	95.6	55.2	21.1	0.0
-37.5°	243.7	187.5	136.9	91.3	53.1	20.5	0.0
-40°	232.5	179.2	130.3	86.8	50.9	19.9	0.0
-42.5°	220.6	170.4	123.7	82.1	48.6	19.3	0.0
-45°	208.1	161.2	117.3	77.3	46.2	18.6	0.0
-47.5°	195.0	151.6	110.6	72.3	43.8	17.8	0.0
-50°	182.7	141.6	103.6	68.2	41.2	17.0	0.0
-52.5°	170.2	131.2	96.4	64.3	38.6	16.2	0.0
-55°	157.3	121.5	88.8	60.2	35.9	15.3	0.0
-57.5°	143.9	111.8	81.1	55.9	33.1	14.4	0.0
-60°	130.4	101.8	73.2	51.5	30.3	13.5	0.0
-62.5°	118.1	91.5	66.9	46.9	28.1	12.5	0.0
-65°	105.4	81.0	60.4	42.2	25.9	11.4	0.0
-67.5°	92.6	71.3	53.7	37.3	23.5	10.4	0.0
-70°	79.4	62.5	46.8	32.4	21.1	9.3	0.0
-72.5°	67.9	53.4	39.8	28.3	18.6	8.2	0.0
-75°	56.4	44.1	32.7	24.3	16.1	7.1	0.0
-77.5°	44.7	34.7	27.1	20.3	13.5	5.9	0.0
-80°	32.8	27.1	21.7	16.3	10.9	4.8	0.0
-82.5°	24.3	20.3	16.3	12.3	8.2	3.6	0.0
-85°	16.2	13.6	10.9	8.2	5.5	2.4	0.0
-87.5°	8.1	6.8	5.5	4.1	2.7	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)