

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: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627879 (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-SA6C-735-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N142
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

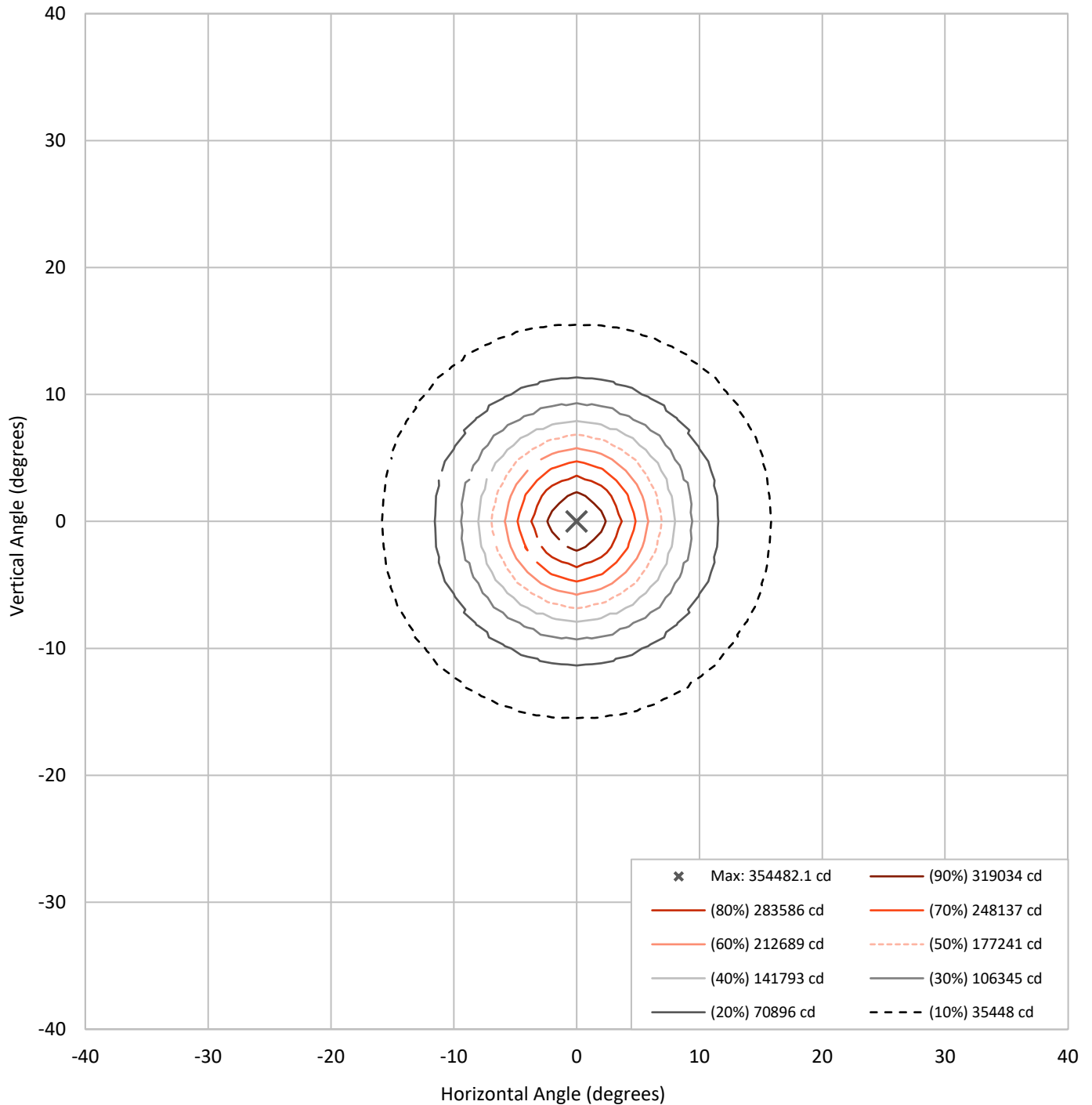
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	37640.8 lumens	Max Intensity:	354482.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.1 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:	11128.7 lumens	Field Lumens:	25044.2 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	247.5		
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





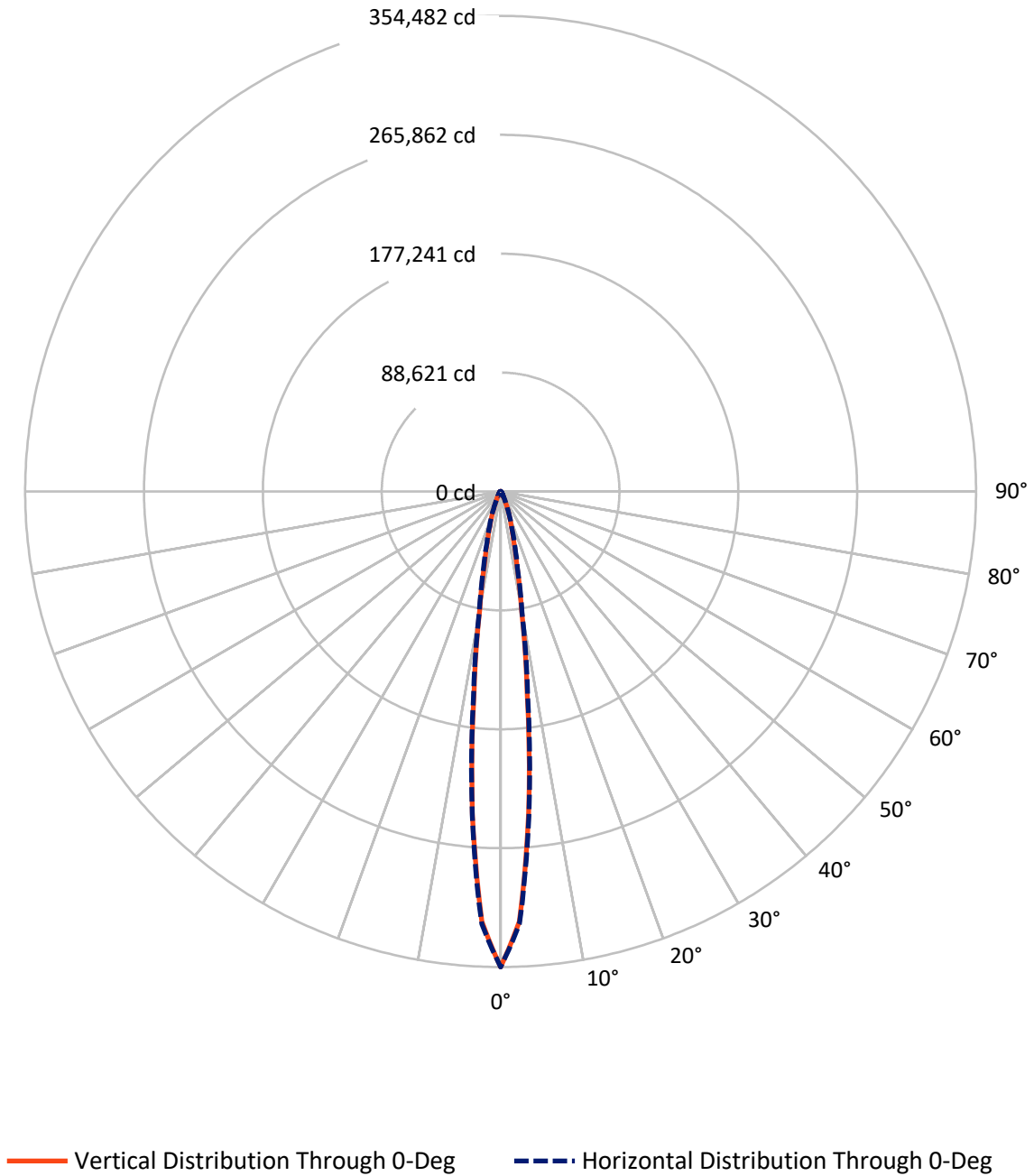
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Lumen Table

90																			
80	0.7	5.2		13.6		21.9		23.9		21.9		13.6		5.2		0.7			
70																			
60	2.3	2.6	5.4	8.9	12.6	15.5	17.4	18.2	18.2	17.4	15.5	12.6	8.9	5.4	2.6	2.3			
50		4.0	8.2	13.3	17.8	21.7	24.3	25.3	25.3	24.3	21.7	17.8	13.3	8.2	4.0				
40	4.1	5.2	10.6	16.4	21.7	27.3	32.2	34.8	34.8	32.2	27.3	21.7	16.4	10.6	5.2	4.1			
30		6.3	12.4	18.9	26.8	38.5	54.2	67.2	67.2	54.2	38.5	26.8	18.9	12.4	6.3				
20	5.3	7.1	13.6	21.3	34.7	68.8	156.6	259.2	259.2	156.6	68.8	34.7	21.3	13.6	7.1	5.3			
10		7.6	14.3	23.5	46.0	146.0	518.6	1116.9	1116.9	518.6	146.0	46.0	23.5	14.3	7.6				
0	5.7	7.9	14.6	24.9	55.6	240.7	1127.3	4869.7	4869.7	1127.3	240.7	55.6	24.9	14.6	7.9	5.7			
-10		7.9	14.6	24.9	55.6	240.7	1127.3	4869.7	4869.7	1127.3	240.7	55.6	24.9	14.6	7.9				
-20	5.3	7.6	14.3	23.5	46.0	146.0	518.6	1116.9	1116.9	518.6	146.0	46.0	23.5	14.3	7.6	5.3			
-30		7.1	13.6	21.3	34.7	68.8	156.6	259.2	259.2	156.6	68.8	34.7	21.3	13.6	7.1				
-40	4.1	6.3	12.4	18.9	26.8	38.5	54.2	67.2	67.2	54.2	38.5	26.8	18.9	12.4	6.3	4.1			
-50		5.2	10.6	16.4	21.7	27.3	32.2	34.8	34.8	32.2	27.3	21.7	16.4	10.6	5.2				
-60	2.3	4.0	8.2	13.3	17.8	21.7	24.3	25.3	25.3	24.3	21.7	17.8	13.3	8.2	4.0	2.3			
-70		2.6	5.4	8.9	12.6	15.5	17.4	18.2	18.2	17.4	15.5	12.6	8.9	5.4	2.6				
-80																			
-90	0.7	5.2		13.6		21.9		23.9		21.9		13.6		5.2		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

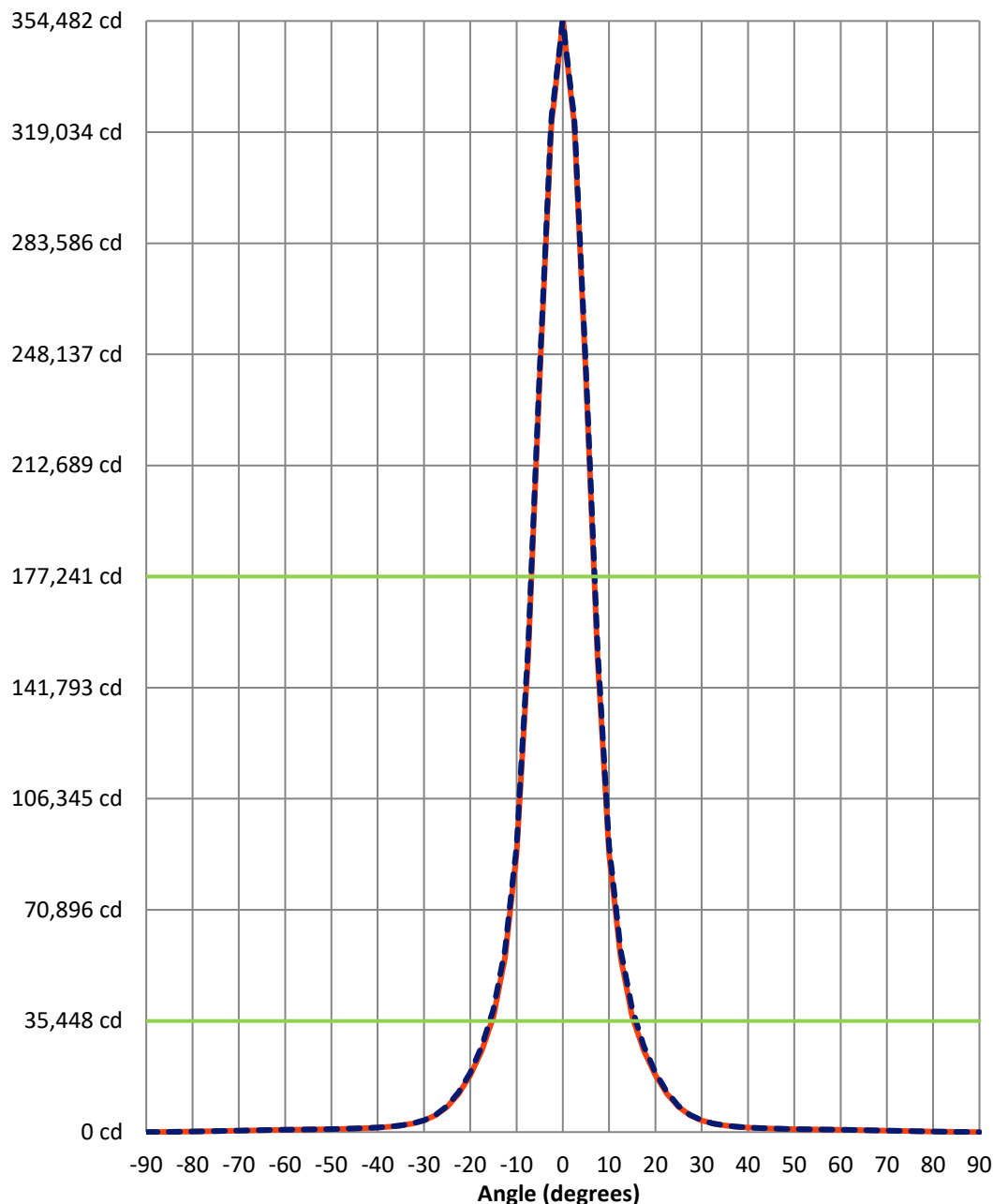
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 11128.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 25044.2
 Efficiency: 66.5%

Spill:
 Lumens: 12596.6
 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	1.2	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
85°	0.0	2.3	5.3	7.9	10.5	13.1	15.7	18.3	20.8	23.2	25.7
82.5°	0.0	3.5	7.9	11.9	15.8	19.7	23.5	27.4	31.5	37.0	42.5
80°	0.0	4.6	10.5	15.8	21.0	26.2	31.8	39.4	46.9	54.2	61.5
77.5°	0.0	5.7	13.1	19.7	26.2	33.6	43.3	52.8	62.2	71.4	81.2
75°	0.0	6.8	15.6	23.5	31.7	42.7	54.6	66.1	77.6	90.5	103.1
72.5°	0.0	7.9	18.1	27.4	38.6	51.7	65.7	79.9	95.1	110.1	124.9
70°	0.0	9.0	20.5	31.3	45.4	60.5	76.9	95.1	112.5	129.6	148.8
67.5°	0.0	10.1	22.8	36.1	52.0	69.1	89.6	110.1	129.6	151.5	173.1
65°	0.0	11.1	25.1	40.8	58.5	78.4	102.1	124.9	148.8	173.1	198.5
62.5°	0.0	12.1	27.3	45.4	64.8	88.6	114.3	140.8	167.7	195.0	227.0
60°	0.0	13.0	29.4	49.8	70.9	98.6	126.3	157.0	186.2	219.6	254.7
57.5°	0.0	14.0	32.1	54.1	78.5	108.3	139.4	172.7	206.4	243.3	281.4
55°	0.0	14.9	34.8	58.3	86.0	117.7	152.3	187.9	226.4	266.2	307.3
52.5°	0.0	15.7	37.4	62.3	93.3	127.0	164.9	204.1	245.7	288.2	332.0
50°	0.0	16.5	39.9	66.1	100.4	137.1	177.0	220.1	264.1	309.2	355.8
47.5°	0.0	17.3	42.4	70.1	107.1	146.8	188.9	235.5	281.7	329.1	379.0
45°	0.0	18.0	44.8	74.9	113.6	156.2	201.6	250.2	298.7	349.6	401.7
42.5°	0.0	18.7	47.1	79.6	119.8	165.1	213.6	264.4	314.9	369.4	423.8
40°	0.0	19.3	49.3	84.1	126.1	173.6	225.1	277.9	330.8	388.6	445.3
37.5°	0.0	19.9	51.4	88.4	132.5	181.6	236.1	290.7	346.7	406.5	466.1
35°	0.0	20.5	53.5	92.6	138.6	189.8	246.3	302.7	361.5	423.4	486.2
32.5°	0.0	21.0	55.4	96.4	144.2	197.8	256.0	314.1	375.1	439.2	503.6
30°	0.0	21.4	57.2	100.1	149.5	205.3	265.0	324.7	387.5	453.9	519.4
27.5°	0.0	21.8	58.9	103.4	154.6	212.1	273.3	334.8	399.1	467.4	533.6
25°	0.0	22.1	60.4	106.5	159.3	218.4	280.9	343.9	409.9	479.3	546.2
22.5°	0.0	22.4	61.9	109.3	163.6	224.1	287.8	351.9	419.7	489.5	557.2
20°	0.0	22.6	63.2	111.8	167.5	229.0	293.9	359.0	428.4	498.4	567.1
17.5°	0.0	22.8	64.4	114.1	170.9	233.2	299.0	365.0	435.9	505.8	575.8
15°	0.0	23.0	65.4	116.0	173.9	236.6	303.1	370.4	442.3	511.8	583.4
12.5°	0.0	23.1	66.3	117.7	176.5	239.4	306.5	375.3	447.7	516.5	589.7
10°	0.0	23.1	67.1	119.1	178.6	241.4	309.1	379.5	451.8	521.6	595.8
7.5°	0.0	23.1	67.6	120.1	180.2	242.8	310.9	382.8	454.7	525.8	602.8
5°	0.0	23.0	68.1	120.9	181.4	243.5	311.8	385.3	456.2	529.0	608.4
2.5°	0.0	22.9	68.3	121.3	182.1	243.5	312.0	386.8	456.5	530.9	612.6
0°	0.0	22.8	68.4	121.5	182.3	243.0	311.4	387.3	455.7	531.6	615.2
-2.5°	0.0	22.9	68.3	121.3	182.1	243.5	312.0	386.8	456.5	530.9	612.6
-5°	0.0	23.0	68.1	120.9	181.4	243.5	311.8	385.3	456.2	529.0	608.4
-7.5°	0.0	23.1	67.6	120.1	180.2	242.8	310.9	382.8	454.7	525.8	602.8
-10°	0.0	23.1	67.1	119.1	178.6	241.4	309.1	379.5	451.8	521.6	595.8
-12.5°	0.0	23.1	66.3	117.7	176.5	239.4	306.5	375.3	447.7	516.5	589.7
-15°	0.0	23.0	65.4	116.0	173.9	236.6	303.1	370.4	442.3	511.8	583.4
-17.5°	0.0	22.8	64.4	114.1	170.9	233.2	299.0	365.0	435.9	505.8	575.8
-20°	0.0	22.6	63.2	111.8	167.5	229.0	293.9	359.0	428.4	498.4	567.1

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CATALOG NUMBER: GFLD-SA6C-735-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	22.4	61.9	109.3	163.6	224.1	287.8	351.9	419.7	489.5	557.2
-25°	0.0	22.1	60.4	106.5	159.3	218.4	280.9	343.9	409.9	479.3	546.2
-27.5°	0.0	21.8	58.9	103.4	154.6	212.1	273.3	334.8	399.1	467.4	533.6
-30°	0.0	21.4	57.2	100.1	149.5	205.3	265.0	324.7	387.5	453.9	519.4
-32.5°	0.0	21.0	55.4	96.4	144.2	197.8	256.0	314.1	375.1	439.2	503.6
-35°	0.0	20.5	53.5	92.6	138.6	189.8	246.3	302.7	361.5	423.4	486.2
-37.5°	0.0	19.9	51.4	88.4	132.5	181.6	236.1	290.7	346.7	406.5	466.1
-40°	0.0	19.3	49.3	84.1	126.1	173.6	225.1	277.9	330.8	388.6	445.3
-42.5°	0.0	18.7	47.1	79.6	119.8	165.1	213.6	264.4	314.9	369.4	423.8
-45°	0.0	18.0	44.8	74.9	113.6	156.2	201.6	250.2	298.7	349.6	401.7
-47.5°	0.0	17.3	42.4	70.1	107.1	146.8	188.9	235.5	281.7	329.1	379.0
-50°	0.0	16.5	39.9	66.1	100.4	137.1	177.0	220.1	264.1	309.2	355.8
-52.5°	0.0	15.7	37.4	62.3	93.3	127.0	164.9	204.1	245.7	288.2	332.0
-55°	0.0	14.9	34.8	58.3	86.0	117.7	152.3	187.9	226.4	266.2	307.3
-57.5°	0.0	14.0	32.1	54.1	78.5	108.3	139.4	172.7	206.4	243.3	281.4
-60°	0.0	13.0	29.4	49.8	70.9	98.6	126.3	157.0	186.2	219.6	254.7
-62.5°	0.0	12.1	27.3	45.4	64.8	88.6	114.3	140.8	167.7	195.0	227.0
-65°	0.0	11.1	25.1	40.8	58.5	78.4	102.1	124.9	148.8	173.1	198.5
-67.5°	0.0	10.1	22.8	36.1	52.0	69.1	89.6	110.1	129.6	151.5	173.1
-70°	0.0	9.0	20.5	31.3	45.4	60.5	76.9	95.1	112.5	129.6	148.8
-72.5°	0.0	7.9	18.1	27.4	38.6	51.7	65.7	79.9	95.1	110.1	124.9
-75°	0.0	6.8	15.6	23.5	31.7	42.7	54.6	66.1	77.6	90.5	103.1
-77.5°	0.0	5.7	13.1	19.7	26.2	33.6	43.3	52.8	62.2	71.4	81.2
-80°	0.0	4.6	10.5	15.8	21.0	26.2	31.8	39.4	46.9	54.2	61.5
-82.5°	0.0	3.5	7.9	11.9	15.8	19.7	23.5	27.4	31.5	37.0	42.5
-85°	0.0	2.3	5.3	7.9	10.5	13.1	15.7	18.3	20.8	23.2	25.7
-87.5°	0.0	1.2	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
-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°	14.0	15.2	16.3	17.4	18.5	19.5	20.5	21.5	22.4	23.3	24.1
85°	28.0	30.4	33.8	37.1	39.9	42.3	44.4	46.1	49.3	52.5	55.9
82.5°	47.8	53.0	58.1	63.0	66.4	69.2	71.8	75.7	82.4	88.8	94.7
80°	68.6	75.6	83.4	91.1	97.7	104.4	111.3	118.3	125.7	132.6	139.3
77.5°	91.6	101.7	111.6	121.3	130.8	141.2	151.2	160.8	170.0	178.8	187.2
75°	115.6	127.7	141.1	154.3	167.2	179.6	191.8	204.8	217.2	229.1	240.4
72.5°	140.8	157.0	172.8	188.2	204.9	221.2	236.9	252.1	266.9	282.4	298.7
70°	167.7	186.2	206.7	226.4	245.0	264.5	284.0	300.7	316.7	338.0	359.9
67.5°	195.3	220.2	243.4	265.7	290.5	313.4	333.3	354.6	377.3	401.9	423.5
65°	227.8	254.9	281.9	310.1	338.7	362.6	387.5	413.8	439.6	464.2	487.6
62.5°	259.9	290.5	321.6	352.3	381.7	410.4	440.3	469.8	498.1	526.7	551.8
60°	290.8	325.7	358.4	390.5	423.8	459.4	492.7	525.2	559.2	591.5	608.4
57.5°	320.8	357.9	392.2	428.2	467.3	507.5	542.4	579.3	608.4	630.8	652.8
55°	348.9	387.5	425.0	465.5	508.1	549.8	588.7	621.5	648.4	669.0	692.1
52.5°	375.2	415.9	456.8	501.0	546.1	590.6	631.3	662.1	686.3	707.3	729.1
50°	401.0	443.8	487.0	535.4	583.8	631.2	671.1	699.2	722.0	743.6	766.0
47.5°	426.4	471.3	517.9	569.5	621.9	667.6	705.4	731.1	754.2	779.5	804.1
45°	451.3	499.9	549.2	604.6	657.3	701.4	733.4	759.3	787.7	815.1	841.4
42.5°	475.7	528.0	581.5	639.0	689.9	729.6	759.5	790.0	820.6	849.9	879.5
40°	500.2	555.0	611.8	668.9	720.1	754.4	786.1	818.9	852.7	884.5	917.3
37.5°	523.7	580.5	639.0	696.7	743.2	778.0	810.9	847.2	882.8	917.4	960.2
35°	546.0	603.7	662.6	718.4	763.3	799.2	836.0	874.2	911.6	956.3	1005.1
32.5°	566.0	624.5	684.2	736.3	780.1	818.9	860.2	900.1	944.9	995.5	1054.1
30°	582.9	642.7	702.6	753.5	796.3	837.3	882.1	926.1	978.6	1039.5	1109.1
27.5°	597.7	659.0	717.3	768.2	811.7	852.6	899.7	955.2	1015.5	1083.8	1165.5
25°	611.5	675.5	731.1	781.7	824.1	866.7	917.2	978.6	1051.1	1133.4	1233.4
22.5°	624.6	691.4	745.2	794.5	833.7	879.8	936.7	1003.5	1082.3	1178.7	1300.5
20°	637.0	703.2	756.5	804.5	840.9	891.2	953.8	1025.2	1114.7	1229.6	1370.5
17.5°	648.5	713.4	765.3	810.4	850.4	903.4	968.9	1042.9	1142.8	1276.0	1435.0
15°	659.0	721.9	772.4	815.3	858.9	916.1	984.7	1064.8	1174.0	1320.1	1492.0
12.5°	668.2	728.8	777.8	819.0	865.7	926.5	998.8	1087.6	1207.5	1363.5	1564.3
10°	676.0	734.1	781.6	821.5	870.8	934.5	1010.5	1106.2	1234.2	1397.1	1619.9
7.5°	682.8	738.3	784.2	822.9	874.1	940.1	1019.6	1120.3	1252.9	1421.0	1660.1
5°	687.5	741.6	787.4	827.6	879.2	944.5	1026.2	1130.0	1263.8	1435.2	1685.0
2.5°	690.2	743.6	789.3	832.1	884.8	948.2	1031.2	1140.6	1272.7	1449.1	1704.1
0°	691.1	744.3	789.9	835.4	888.6	949.4	1032.9	1146.8	1275.9	1458.2	1716.4
-2.5°	690.2	743.6	789.3	832.1	884.8	948.2	1031.2	1140.6	1272.7	1449.1	1704.1
-5°	687.5	741.6	787.4	827.6	879.2	944.5	1026.2	1130.0	1263.8	1435.2	1685.0
-7.5°	682.8	738.3	784.2	822.9	874.1	940.1	1019.6	1120.3	1252.9	1421.0	1660.1
-10°	676.0	734.1	781.6	821.5	870.8	934.5	1010.5	1106.2	1234.2	1397.1	1619.9
-12.5°	668.2	728.8	777.8	819.0	865.7	926.5	998.8	1087.6	1207.5	1363.5	1564.3
-15°	659.0	721.9	772.4	815.3	858.9	916.1	984.7	1064.8	1174.0	1320.1	1492.0
-17.5°	648.5	713.4	765.3	810.4	850.4	903.4	968.9	1042.9	1142.8	1276.0	1435.0
-20°	637.0	703.2	756.5	804.5	840.9	891.2	953.8	1025.2	1114.7	1229.6	1370.5

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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REPORT NUMBER: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	624.6	691.4	745.2	794.5	833.7	879.8	936.7	1003.5	1082.3	1178.7	1300.5
-25°	611.5	675.5	731.1	781.7	824.1	866.7	917.2	978.6	1051.1	1133.4	1233.4
-27.5°	597.7	659.0	717.3	768.2	811.7	852.6	899.7	955.2	1015.5	1083.8	1165.5
-30°	582.9	642.7	702.6	753.5	796.3	837.3	882.1	926.1	978.6	1039.5	1109.1
-32.5°	566.0	624.5	684.2	736.3	780.1	818.9	860.2	900.1	944.9	995.5	1054.1
-35°	546.0	603.7	662.6	718.4	763.3	799.2	836.0	874.2	911.6	956.3	1005.1
-37.5°	523.7	580.5	639.0	696.7	743.2	778.0	810.9	847.2	882.8	917.4	960.2
-40°	500.2	555.0	611.8	668.9	720.1	754.4	786.1	818.9	852.7	884.5	917.3
-42.5°	475.7	528.0	581.5	639.0	689.9	729.6	759.5	790.0	820.6	849.9	879.5
-45°	451.3	499.9	549.2	604.6	657.3	701.4	733.4	759.3	787.7	815.1	841.4
-47.5°	426.4	471.3	517.9	569.5	621.9	667.6	705.4	731.1	754.2	779.5	804.1
-50°	401.0	443.8	487.0	535.4	583.8	631.2	671.1	699.2	722.0	743.6	766.0
-52.5°	375.2	415.9	456.8	501.0	546.1	590.6	631.3	662.1	686.3	707.3	729.1
-55°	348.9	387.5	425.0	465.5	508.1	549.8	588.7	621.5	648.4	669.0	692.1
-57.5°	320.8	357.9	392.2	428.2	467.3	507.5	542.4	579.3	608.4	630.8	652.8
-60°	290.8	325.7	358.4	390.5	423.8	459.4	492.7	525.2	559.2	591.5	608.4
-62.5°	259.9	290.5	321.6	352.3	381.7	410.4	440.3	469.8	498.1	526.7	551.8
-65°	227.8	254.9	281.9	310.1	338.7	362.6	387.5	413.8	439.6	464.2	487.6
-67.5°	195.3	220.2	243.4	265.7	290.5	313.4	333.3	354.6	377.3	401.9	423.5
-70°	167.7	186.2	206.7	226.4	245.0	264.5	284.0	300.7	316.7	338.0	359.9
-72.5°	140.8	157.0	172.8	188.2	204.9	221.2	236.9	252.1	266.9	282.4	298.7
-75°	115.6	127.7	141.1	154.3	167.2	179.6	191.8	204.8	217.2	229.1	240.4
-77.5°	91.6	101.7	111.6	121.3	130.8	141.2	151.2	160.8	170.0	178.8	187.2
-80°	68.6	75.6	83.4	91.1	97.7	104.4	111.3	118.3	125.7	132.6	139.3
-82.5°	47.8	53.0	58.1	63.0	66.4	69.2	71.8	75.7	82.4	88.8	94.7
-85°	28.0	30.4	33.8	37.1	39.9	42.3	44.4	46.1	49.3	52.5	55.9
-87.5°	14.0	15.2	16.3	17.4	18.5	19.5	20.5	21.5	22.4	23.3	24.1
-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: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	24.9	25.6	26.3	27.0	27.6	28.1	28.6	29.0	29.4	27.8	26.2
85°	59.4	61.6	63.7	65.6	67.4	69.0	70.4	71.7	72.8	71.9	70.8
82.5°	100.0	104.0	107.6	111.0	114.1	116.9	119.4	121.7	123.6	123.5	122.9
80°	145.6	152.1	158.7	165.1	171.5	175.3	178.1	180.2	181.7	182.3	182.5
77.5°	195.7	205.8	216.3	226.6	236.7	242.6	246.7	250.2	252.9	253.5	253.0
75°	251.1	264.1	278.5	291.0	301.9	308.6	313.2	317.1	320.3	321.1	320.7
72.5°	315.7	331.7	344.6	355.2	364.3	371.5	377.3	382.2	386.2	387.9	388.1
70°	379.1	394.9	407.2	417.9	426.9	434.4	441.3	447.3	452.2	455.8	458.5
67.5°	443.4	461.5	474.1	483.8	491.5	499.3	508.5	516.5	523.2	527.7	530.0
65°	509.4	528.1	540.2	550.8	560.2	570.1	580.4	587.9	592.9	596.0	598.0
62.5°	573.3	590.7	606.0	620.1	633.6	644.9	652.0	658.3	663.7	668.2	671.7
60°	628.2	650.5	667.5	681.0	694.2	707.0	715.7	722.6	728.0	731.9	734.4
57.5°	675.0	697.7	717.7	730.9	745.3	760.6	770.7	776.4	781.8	786.4	788.5
55°	715.9	736.9	755.4	773.4	789.5	803.2	813.9	821.7	828.3	833.5	835.2
52.5°	752.8	775.6	797.3	816.4	832.2	845.4	856.0	865.6	873.1	878.1	880.3
50°	791.5	816.0	839.3	860.2	876.4	891.2	904.4	915.9	926.8	935.4	941.6
47.5°	829.6	855.7	881.4	904.4	923.9	945.3	964.5	980.7	996.7	1009.5	1018.4
45°	868.0	898.2	926.1	955.7	982.1	1010.2	1036.3	1058.7	1081.8	1099.2	1110.9
42.5°	910.7	944.9	978.6	1015.5	1051.5	1088.0	1127.5	1162.7	1189.8	1215.3	1236.0
40°	956.3	995.5	1039.5	1084.7	1137.8	1186.0	1239.0	1284.6	1325.7	1369.2	1403.8
37.5°	1005.1	1054.1	1111.8	1172.3	1241.0	1307.0	1376.2	1444.3	1503.6	1573.7	1627.1
35°	1059.0	1124.4	1195.4	1277.3	1362.8	1457.3	1552.0	1661.4	1755.6	1859.2	1949.5
32.5°	1122.8	1200.8	1294.0	1402.0	1512.0	1655.3	1789.3	1963.4	2114.0	2278.4	2444.0
30°	1188.4	1290.4	1410.8	1546.7	1721.5	1918.6	2138.4	2397.5	2664.6	2923.1	3234.9
27.5°	1269.7	1392.8	1538.5	1737.2	1994.4	2260.8	2638.7	3027.7	3518.7	3924.8	4497.4
25°	1354.1	1499.1	1706.1	1976.3	2312.0	2774.4	3347.9	3969.5	4833.4	5592.4	6482.6
22.5°	1446.1	1641.7	1899.3	2232.8	2741.8	3451.7	4320.1	5490.2	6764.5	8117.3	9463.0
20°	1541.9	1778.5	2116.2	2599.6	3297.9	4259.5	5750.1	7556.6	9377.0	11609.2	13585.9
17.5°	1652.8	1954.0	2370.1	2974.6	3906.6	5379.4	7447.4	9969.3	12793.5	16003.1	18852.7
15°	1745.1	2104.4	2629.6	3475.3	4757.1	6648.5	9256.5	12725.8	16969.7	21280.2	25653.5
12.5°	1852.4	2267.9	2884.7	3893.2	5503.0	8016.8	11566.6	15957.8	21258.0	27236.9	34285.1
10°	1947.7	2428.6	3195.3	4443.6	6411.0	9443.8	13752.0	19034.8	25874.9	34477.0	45391.8
7.5°	2018.3	2556.4	3435.1	4862.5	7195.9	10815.8	15816.7	22404.4	31095.7	42454.8	57434.5
5°	2064.1	2648.9	3604.7	5185.7	7810.3	11836.9	17329.9	24794.3	35279.7	51345.4	76711.5
2.5°	2091.6	2703.7	3701.5	5375.3	8184.0	12513.4	18481.2	26601.4	37991.3	56839.7	89110.2
0°	2103.8	2719.0	3759.5	5475.9	8308.8	12774.5	19009.9	27425.0	39204.6	58123.4	91290.1
-2.5°	2091.6	2703.7	3701.5	5375.3	8184.0	12513.4	18481.2	26601.4	37991.3	56839.7	89110.2
-5°	2064.1	2648.9	3604.7	5185.7	7810.3	11836.9	17329.9	24794.3	35279.7	51345.4	76711.5
-7.5°	2018.3	2556.4	3435.1	4862.5	7195.9	10815.8	15816.7	22404.4	31095.7	42454.8	57434.5
-10°	1947.7	2428.6	3195.3	4443.6	6411.0	9443.8	13752.0	19034.8	25874.9	34477.0	45391.8
-12.5°	1852.4	2267.9	2884.7	3893.2	5503.0	8016.8	11566.6	15957.8	21258.0	27236.9	34285.1
-15°	1745.1	2104.4	2629.6	3475.3	4757.1	6648.5	9256.5	12725.8	16969.7	21280.2	25653.5
-17.5°	1652.8	1954.0	2370.1	2974.6	3906.6	5379.4	7447.4	9969.3	12793.5	16003.1	18852.7
-20°	1541.9	1778.5	2116.2	2599.6	3297.9	4259.5	5750.1	7556.6	9377.0	11609.2	13585.9

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1446.1	1641.7	1899.3	2232.8	2741.8	3451.7	4320.1	5490.2	6764.5	8117.3	9463.0
-25°	1354.1	1499.1	1706.1	1976.3	2312.0	2774.4	3347.9	3969.5	4833.4	5592.4	6482.6
-27.5°	1269.7	1392.8	1538.5	1737.2	1994.4	2260.8	2638.7	3027.7	3518.7	3924.8	4497.4
-30°	1188.4	1290.4	1410.8	1546.7	1721.5	1918.6	2138.4	2397.5	2664.6	2923.1	3234.9
-32.5°	1122.8	1200.8	1294.0	1402.0	1512.0	1655.3	1789.3	1963.4	2114.0	2278.4	2444.0
-35°	1059.0	1124.4	1195.4	1277.3	1362.8	1457.3	1552.0	1661.4	1755.6	1859.2	1949.5
-37.5°	1005.1	1054.1	1111.8	1172.3	1241.0	1307.0	1376.2	1444.3	1503.6	1573.7	1627.1
-40°	956.3	995.5	1039.5	1084.7	1137.8	1186.0	1239.0	1284.6	1325.7	1369.2	1403.8
-42.5°	910.7	944.9	978.6	1015.5	1051.5	1088.0	1127.5	1162.7	1189.8	1215.3	1236.0
-45°	868.0	898.2	926.1	955.7	982.1	1010.2	1036.3	1058.7	1081.8	1099.2	1110.9
-47.5°	829.6	855.7	881.4	904.4	923.9	945.3	964.5	980.7	996.7	1009.5	1018.4
-50°	791.5	816.0	839.3	860.2	876.4	891.2	904.4	915.9	926.8	935.4	941.6
-52.5°	752.8	775.6	797.3	816.4	832.2	845.4	856.0	865.6	873.1	878.1	880.3
-55°	715.9	736.9	755.4	773.4	789.5	803.2	813.9	821.7	828.3	833.5	835.2
-57.5°	675.0	697.7	717.7	730.9	745.3	760.6	770.7	776.4	781.8	786.4	788.5
-60°	628.2	650.5	667.5	681.0	694.2	707.0	715.7	722.6	728.0	731.9	734.4
-62.5°	573.3	590.7	606.0	620.1	633.6	644.9	652.0	658.3	663.7	668.2	671.7
-65°	509.4	528.1	540.2	550.8	560.2	570.1	580.4	587.9	592.9	596.0	598.0
-67.5°	443.4	461.5	474.1	483.8	491.5	499.3	508.5	516.5	523.2	527.7	530.0
-70°	379.1	394.9	407.2	417.9	426.9	434.4	441.3	447.3	452.2	455.8	458.5
-72.5°	315.7	331.7	344.6	355.2	364.3	371.5	377.3	382.2	386.2	387.9	388.1
-75°	251.1	264.1	278.5	291.0	301.9	308.6	313.2	317.1	320.3	321.1	320.7
-77.5°	195.7	205.8	216.3	226.6	236.7	242.6	246.7	250.2	252.9	253.5	253.0
-80°	145.6	152.1	158.7	165.1	171.5	175.3	178.1	180.2	181.7	182.3	182.5
-82.5°	100.0	104.0	107.6	111.0	114.1	116.9	119.4	121.7	123.6	123.5	122.9
-85°	59.4	61.6	63.7	65.6	67.4	69.0	70.4	71.7	72.8	71.9	70.8
-87.5°	24.9	25.6	26.3	27.0	27.6	28.1	28.6	29.0	29.4	27.8	26.2
-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: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	24.5	22.7	22.8	22.8	22.8	22.7	24.5	26.2	27.8	29.4	29.0
85°	69.5	68.1	68.3	68.4	68.3	68.1	69.5	70.8	71.9	72.8	71.7
82.5°	122.1	120.9	121.3	121.5	121.3	120.9	122.1	122.9	123.5	123.6	121.7
80°	182.2	181.4	178.3	174.7	178.3	181.4	182.2	182.5	182.3	181.7	180.2
77.5°	251.6	249.5	246.6	243.0	246.6	249.5	251.6	253.0	253.5	252.9	250.2
75°	319.6	317.7	318.6	319.0	318.6	317.7	319.6	320.7	321.1	320.3	317.1
72.5°	387.4	385.8	386.8	387.3	386.8	385.8	387.4	388.1	387.9	386.2	382.2
70°	460.3	461.1	459.2	455.7	459.2	461.1	460.3	458.5	455.8	452.2	447.3
67.5°	530.6	529.7	527.5	524.0	527.5	529.7	530.6	530.0	527.7	523.2	516.5
65°	598.7	598.0	599.3	600.0	599.3	598.0	598.7	598.0	596.0	592.9	587.9
62.5°	673.4	673.4	671.8	668.3	671.8	673.4	673.4	671.7	668.2	663.7	658.3
60°	735.4	734.8	732.7	729.1	732.7	734.8	735.4	734.4	731.9	728.0	722.6
57.5°	789.2	788.3	786.1	782.3	786.1	788.3	789.2	788.5	786.4	781.8	776.4
55°	835.4	834.3	831.7	827.8	831.7	834.3	835.4	835.2	833.5	828.3	821.7
52.5°	880.9	879.9	880.2	881.0	880.2	879.9	880.9	880.3	878.1	873.1	865.6
50°	945.4	946.7	945.6	941.8	945.6	946.7	945.4	941.6	935.4	926.8	915.9
47.5°	1022.7	1023.2	1021.3	1017.7	1021.3	1023.2	1022.7	1018.4	1009.5	996.7	980.7
45°	1120.1	1125.6	1127.1	1124.0	1127.1	1125.6	1120.1	1110.9	1099.2	1081.8	1058.7
42.5°	1252.0	1260.6	1263.1	1260.7	1263.1	1260.6	1252.0	1236.0	1215.3	1189.8	1162.7
40°	1425.1	1434.9	1436.8	1435.4	1436.8	1434.9	1425.1	1403.8	1369.2	1325.7	1284.6
37.5°	1664.7	1688.6	1699.9	1701.2	1699.9	1688.6	1664.7	1627.1	1573.7	1503.6	1444.3
35°	2018.2	2066.0	2091.5	2103.8	2091.5	2066.0	2018.2	1949.5	1859.2	1755.6	1661.4
32.5°	2569.4	2664.9	2717.8	2711.4	2717.8	2664.9	2569.4	2444.0	2278.4	2114.0	1963.4
30°	3469.9	3636.9	3721.0	3698.7	3721.0	3636.9	3469.9	3234.9	2923.1	2664.6	2397.5
27.5°	4908.6	5210.5	5385.0	5362.0	5385.0	5210.5	4908.6	4497.4	3924.8	3518.7	3027.7
25°	7226.7	7777.6	8130.3	8042.9	8130.3	7777.6	7226.7	6482.6	5592.4	4833.4	3969.5
22.5°	10753.1	11686.3	12303.9	12227.7	12303.9	11686.3	10753.1	9463.0	8117.3	6764.5	5490.2
20°	15590.2	17010.6	18024.9	18159.3	18024.9	17010.6	15590.2	13585.9	11609.2	9377.0	7556.6
17.5°	21930.8	24183.0	25750.8	26012.4	25750.8	24183.0	21930.8	18852.7	16003.1	12793.5	9969.3
15°	30171.2	33852.3	36516.4	36736.3	36516.4	33852.3	30171.2	25653.5	21280.2	16969.7	12725.8
12.5°	41360.5	48764.2	53596.2	55723.4	53596.2	48764.2	41360.5	34285.1	27236.9	21258.0	15957.8
10°	56845.9	73851.8	84742.7	88837.0	84742.7	73851.8	56845.9	45391.8	34477.0	25874.9	19034.8
7.5°	82711.2	109410.9	139094.1	151745.1	139094.1	109410.9	82711.2	57434.5	42454.8	31095.7	22404.4
5°	112001.7	167414.3	220121.6	240703.6	220121.6	167414.3	112001.7	76711.5	51345.4	35279.7	24794.3
2.5°	142822.8	220059.8	292436.9	320742.0	292436.9	220059.8	142822.8	89110.2	56839.7	37991.3	26601.4
0°	154859.0	243111.2	322743.2	354482.1	322743.2	243111.2	154859.0	91290.1	58123.4	39204.6	27425.0
-2.5°	142822.8	220059.8	292436.9	320742.0	292436.9	220059.8	142822.8	89110.2	56839.7	37991.3	26601.4
-5°	112001.7	167414.3	220121.6	240703.6	220121.6	167414.3	112001.7	76711.5	51345.4	35279.7	24794.3
-7.5°	82711.2	109410.9	139094.1	151745.1	139094.1	109410.9	82711.2	57434.5	42454.8	31095.7	22404.4
-10°	56845.9	73851.8	84742.7	88837.0	84742.7	73851.8	56845.9	45391.8	34477.0	25874.9	19034.8
-12.5°	41360.5	48764.2	53596.2	55723.4	53596.2	48764.2	41360.5	34285.1	27236.9	21258.0	15957.8
-15°	30171.2	33852.3	36516.4	36736.3	36516.4	33852.3	30171.2	25653.5	21280.2	16969.7	12725.8
-17.5°	21930.8	24183.0	25750.8	26012.4	25750.8	24183.0	21930.8	18852.7	16003.1	12793.5	9969.3
-20°	15590.2	17010.6	18024.9	18159.3	18024.9	17010.6	15590.2	13585.9	11609.2	9377.0	7556.6



REPORT NUMBER: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	10753.1	11686.3	12303.9	12227.7	12303.9	11686.3	10753.1	9463.0	8117.3	6764.5	5490.2
-25°	7226.7	7777.6	8130.3	8042.9	8130.3	7777.6	7226.7	6482.6	5592.4	4833.4	3969.5
-27.5°	4908.6	5210.5	5385.0	5362.0	5385.0	5210.5	4908.6	4497.4	3924.8	3518.7	3027.7
-30°	3469.9	3636.9	3721.0	3698.7	3721.0	3636.9	3469.9	3234.9	2923.1	2664.6	2397.5
-32.5°	2569.4	2664.9	2717.8	2711.4	2717.8	2664.9	2569.4	2444.0	2278.4	2114.0	1963.4
-35°	2018.2	2066.0	2091.5	2103.8	2091.5	2066.0	2018.2	1949.5	1859.2	1755.6	1661.4
-37.5°	1664.7	1688.6	1699.9	1701.2	1699.9	1688.6	1664.7	1627.1	1573.7	1503.6	1444.3
-40°	1425.1	1434.9	1436.8	1435.4	1436.8	1434.9	1425.1	1403.8	1369.2	1325.7	1284.6
-42.5°	1252.0	1260.6	1263.1	1260.7	1263.1	1260.6	1252.0	1236.0	1215.3	1189.8	1162.7
-45°	1120.1	1125.6	1127.1	1124.0	1127.1	1125.6	1120.1	1110.9	1099.2	1081.8	1058.7
-47.5°	1022.7	1023.2	1021.3	1017.7	1021.3	1023.2	1022.7	1018.4	1009.5	996.7	980.7
-50°	945.4	946.7	945.6	941.8	945.6	946.7	945.4	941.6	935.4	926.8	915.9
-52.5°	880.9	879.9	880.2	881.0	880.2	879.9	880.9	880.3	878.1	873.1	865.6
-55°	835.4	834.3	831.7	827.8	831.7	834.3	835.4	835.2	833.5	828.3	821.7
-57.5°	789.2	788.3	786.1	782.3	786.1	788.3	789.2	788.5	786.4	781.8	776.4
-60°	735.4	734.8	732.7	729.1	732.7	734.8	735.4	734.4	731.9	728.0	722.6
-62.5°	673.4	673.4	671.8	668.3	671.8	673.4	673.4	671.7	668.2	663.7	658.3
-65°	598.7	598.0	599.3	600.0	599.3	598.0	598.7	598.0	596.0	592.9	587.9
-67.5°	530.6	529.7	527.5	524.0	527.5	529.7	530.6	530.0	527.7	523.2	516.5
-70°	460.3	461.1	459.2	455.7	459.2	461.1	460.3	458.5	455.8	452.2	447.3
-72.5°	387.4	385.8	386.8	387.3	386.8	385.8	387.4	388.1	387.9	386.2	382.2
-75°	319.6	317.7	318.6	319.0	318.6	317.7	319.6	320.7	321.1	320.3	317.1
-77.5°	251.6	249.5	246.6	243.0	246.6	249.5	251.6	253.0	253.5	252.9	250.2
-80°	182.2	181.4	178.3	174.7	178.3	181.4	182.2	182.5	182.3	181.7	180.2
-82.5°	122.1	120.9	121.3	121.5	121.3	120.9	122.1	122.9	123.5	123.6	121.7
-85°	69.5	68.1	68.3	68.4	68.3	68.1	69.5	70.8	71.9	72.8	71.7
-87.5°	24.5	22.7	22.8	22.8	22.8	22.7	24.5	26.2	27.8	29.4	29.0
-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: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	28.6	28.1	27.6	27.0	26.3	25.6	24.9	24.1	23.3	22.4	21.5
85°	70.4	69.0	67.4	65.6	63.7	61.6	59.4	55.9	52.5	49.3	46.1
82.5°	119.4	116.9	114.1	111.0	107.6	104.0	100.0	94.7	88.8	82.4	75.7
80°	178.1	175.3	171.5	165.1	158.7	152.1	145.6	139.3	132.6	125.7	118.3
77.5°	246.7	242.6	236.7	226.6	216.3	205.8	195.7	187.2	178.8	170.0	160.8
75°	313.2	308.6	301.9	291.0	278.5	264.1	251.1	240.4	229.1	217.2	204.8
72.5°	377.3	371.5	364.3	355.2	344.6	331.7	315.7	298.7	282.4	266.9	252.1
70°	441.3	434.4	426.9	417.9	407.2	394.9	379.1	359.9	338.0	316.7	300.7
67.5°	508.5	499.3	491.5	483.8	474.1	461.5	443.4	423.5	401.9	377.3	354.6
65°	580.4	570.1	560.2	550.8	540.2	528.1	509.4	487.6	464.2	439.6	413.8
62.5°	652.0	644.9	633.6	620.1	606.0	590.7	573.3	551.8	526.7	498.1	469.8
60°	715.7	707.0	694.2	681.0	667.5	650.5	628.2	608.4	591.5	559.2	525.2
57.5°	770.7	760.6	745.3	730.9	717.7	697.7	675.0	652.8	630.8	608.4	579.3
55°	813.9	803.2	789.5	773.4	755.4	736.9	715.9	692.1	669.0	648.4	621.5
52.5°	856.0	845.4	832.2	816.4	797.3	775.6	752.8	729.1	707.3	686.3	662.1
50°	904.4	891.2	876.4	860.2	839.3	816.0	791.5	766.0	743.6	722.0	699.2
47.5°	964.5	945.3	923.9	904.4	881.4	855.7	829.6	804.1	779.5	754.2	731.1
45°	1036.3	1010.2	982.1	955.7	926.1	898.2	868.0	841.4	815.1	787.7	759.3
42.5°	1127.5	1088.0	1051.5	1015.5	978.6	944.9	910.7	879.5	849.9	820.6	790.0
40°	1239.0	1186.0	1137.8	1084.7	1039.5	995.5	956.3	917.3	884.5	852.7	818.9
37.5°	1376.2	1307.0	1241.0	1172.3	1111.8	1054.1	1005.1	960.2	917.4	882.8	847.2
35°	1552.0	1457.3	1362.8	1277.3	1195.4	1124.4	1059.0	1005.1	956.3	911.6	874.2
32.5°	1789.3	1655.3	1512.0	1402.0	1294.0	1200.8	1122.8	1054.1	995.5	944.9	900.1
30°	2138.4	1918.6	1721.5	1546.7	1410.8	1290.4	1188.4	1109.1	1039.5	978.6	926.1
27.5°	2638.7	2260.8	1994.4	1737.2	1538.5	1392.8	1269.7	1165.5	1083.8	1015.5	955.2
25°	3347.9	2774.4	2312.0	1976.3	1706.1	1499.1	1354.1	1233.4	1133.4	1051.1	978.6
22.5°	4320.1	3451.7	2741.8	2232.8	1899.3	1641.7	1446.1	1300.5	1178.7	1082.3	1003.5
20°	5750.1	4259.5	3297.9	2599.6	2116.2	1778.5	1541.9	1370.5	1229.6	1114.7	1025.2
17.5°	7447.4	5379.4	3906.6	2974.6	2370.1	1954.0	1652.8	1435.0	1276.0	1142.8	1042.9
15°	9256.5	6648.5	4757.1	3475.3	2629.6	2104.4	1745.1	1492.0	1320.1	1174.0	1064.8
12.5°	11566.6	8016.8	5503.0	3893.2	2884.7	2267.9	1852.4	1564.3	1363.5	1207.5	1087.6
10°	13752.0	9443.8	6411.0	4443.6	3195.3	2428.6	1947.7	1619.9	1397.1	1234.2	1106.2
7.5°	15816.7	10815.8	7195.9	4862.5	3435.1	2556.4	2018.3	1660.1	1421.0	1252.9	1120.3
5°	17329.9	11836.9	7810.3	5185.7	3604.7	2648.9	2064.1	1685.0	1435.2	1263.8	1130.0
2.5°	18481.2	12513.4	8184.0	5375.3	3701.5	2703.7	2091.6	1704.1	1449.1	1272.7	1140.6
0°	19009.9	12774.5	8308.8	5475.9	3759.5	2719.0	2103.8	1716.4	1458.2	1275.9	1146.8
-2.5°	18481.2	12513.4	8184.0	5375.3	3701.5	2703.7	2091.6	1704.1	1449.1	1272.7	1140.6
-5°	17329.9	11836.9	7810.3	5185.7	3604.7	2648.9	2064.1	1685.0	1435.2	1263.8	1130.0
-7.5°	15816.7	10815.8	7195.9	4862.5	3435.1	2556.4	2018.3	1660.1	1421.0	1252.9	1120.3
-10°	13752.0	9443.8	6411.0	4443.6	3195.3	2428.6	1947.7	1619.9	1397.1	1234.2	1106.2
-12.5°	11566.6	8016.8	5503.0	3893.2	2884.7	2267.9	1852.4	1564.3	1363.5	1207.5	1087.6
-15°	9256.5	6648.5	4757.1	3475.3	2629.6	2104.4	1745.1	1492.0	1320.1	1174.0	1064.8
-17.5°	7447.4	5379.4	3906.6	2974.6	2370.1	1954.0	1652.8	1435.0	1276.0	1142.8	1042.9
-20°	5750.1	4259.5	3297.9	2599.6	2116.2	1778.5	1541.9	1370.5	1229.6	1114.7	1025.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4320.1	3451.7	2741.8	2232.8	1899.3	1641.7	1446.1	1300.5	1178.7	1082.3	1003.5
-25°	3347.9	2774.4	2312.0	1976.3	1706.1	1499.1	1354.1	1233.4	1133.4	1051.1	978.6
-27.5°	2638.7	2260.8	1994.4	1737.2	1538.5	1392.8	1269.7	1165.5	1083.8	1015.5	955.2
-30°	2138.4	1918.6	1721.5	1546.7	1410.8	1290.4	1188.4	1109.1	1039.5	978.6	926.1
-32.5°	1789.3	1655.3	1512.0	1402.0	1294.0	1200.8	1122.8	1054.1	995.5	944.9	900.1
-35°	1552.0	1457.3	1362.8	1277.3	1195.4	1124.4	1059.0	1005.1	956.3	911.6	874.2
-37.5°	1376.2	1307.0	1241.0	1172.3	1111.8	1054.1	1005.1	960.2	917.4	882.8	847.2
-40°	1239.0	1186.0	1137.8	1084.7	1039.5	995.5	956.3	917.3	884.5	852.7	818.9
-42.5°	1127.5	1088.0	1051.5	1015.5	978.6	944.9	910.7	879.5	849.9	820.6	790.0
-45°	1036.3	1010.2	982.1	955.7	926.1	898.2	868.0	841.4	815.1	787.7	759.3
-47.5°	964.5	945.3	923.9	904.4	881.4	855.7	829.6	804.1	779.5	754.2	731.1
-50°	904.4	891.2	876.4	860.2	839.3	816.0	791.5	766.0	743.6	722.0	699.2
-52.5°	856.0	845.4	832.2	816.4	797.3	775.6	752.8	729.1	707.3	686.3	662.1
-55°	813.9	803.2	789.5	773.4	755.4	736.9	715.9	692.1	669.0	648.4	621.5
-57.5°	770.7	760.6	745.3	730.9	717.7	697.7	675.0	652.8	630.8	608.4	579.3
-60°	715.7	707.0	694.2	681.0	667.5	650.5	628.2	608.4	591.5	559.2	525.2
-62.5°	652.0	644.9	633.6	620.1	606.0	590.7	573.3	551.8	526.7	498.1	469.8
-65°	580.4	570.1	560.2	550.8	540.2	528.1	509.4	487.6	464.2	439.6	413.8
-67.5°	508.5	499.3	491.5	483.8	474.1	461.5	443.4	423.5	401.9	377.3	354.6
-70°	441.3	434.4	426.9	417.9	407.2	394.9	379.1	359.9	338.0	316.7	300.7
-72.5°	377.3	371.5	364.3	355.2	344.6	331.7	315.7	298.7	282.4	266.9	252.1
-75°	313.2	308.6	301.9	291.0	278.5	264.1	251.1	240.4	229.1	217.2	204.8
-77.5°	246.7	242.6	236.7	226.6	216.3	205.8	195.7	187.2	178.8	170.0	160.8
-80°	178.1	175.3	171.5	165.1	158.7	152.1	145.6	139.3	132.6	125.7	118.3
-82.5°	119.4	116.9	114.1	111.0	107.6	104.0	100.0	94.7	88.8	82.4	75.7
-85°	70.4	69.0	67.4	65.6	63.7	61.6	59.4	55.9	52.5	49.3	46.1
-87.5°	28.6	28.1	27.6	27.0	26.3	25.6	24.9	24.1	23.3	22.4	21.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	20.5	19.5	18.5	17.4	16.3	15.2	14.0	12.8	11.6	10.4	9.1
85°	44.4	42.3	39.9	37.1	33.8	30.4	28.0	25.7	23.2	20.8	18.3
82.5°	71.8	69.2	66.4	63.0	58.1	53.0	47.8	42.5	37.0	31.5	27.4
80°	111.3	104.4	97.7	91.1	83.4	75.6	68.6	61.5	54.2	46.9	39.4
77.5°	151.2	141.2	130.8	121.3	111.6	101.7	91.6	81.2	71.4	62.2	52.8
75°	191.8	179.6	167.2	154.3	141.1	127.7	115.6	103.1	90.5	77.6	66.1
72.5°	236.9	221.2	204.9	188.2	172.8	157.0	140.8	124.9	110.1	95.1	79.9
70°	284.0	264.5	245.0	226.4	206.7	186.2	167.7	148.8	129.6	112.5	95.1
67.5°	333.3	313.4	290.5	265.7	243.4	220.2	195.3	173.1	151.5	129.6	110.1
65°	387.5	362.6	338.7	310.1	281.9	254.9	227.8	198.5	173.1	148.8	124.9
62.5°	440.3	410.4	381.7	352.3	321.6	290.5	259.9	227.0	195.0	167.7	140.8
60°	492.7	459.4	423.8	390.5	358.4	325.7	290.8	254.7	219.6	186.2	157.0
57.5°	542.4	507.5	467.3	428.2	392.2	357.9	320.8	281.4	243.3	206.4	172.7
55°	588.7	549.8	508.1	465.5	425.0	387.5	348.9	307.3	266.2	226.4	187.9
52.5°	631.3	590.6	546.1	501.0	456.8	415.9	375.2	332.0	288.2	245.7	204.1
50°	671.1	631.2	583.8	535.4	487.0	443.8	401.0	355.8	309.2	264.1	220.1
47.5°	705.4	667.6	621.9	569.5	517.9	471.3	426.4	379.0	329.1	281.7	235.5
45°	733.4	701.4	657.3	604.6	549.2	499.9	451.3	401.7	349.6	298.7	250.2
42.5°	759.5	729.6	689.9	639.0	581.5	528.0	475.7	423.8	369.4	314.9	264.4
40°	786.1	754.4	720.1	668.9	611.8	555.0	500.2	445.3	388.6	330.8	277.9
37.5°	810.9	778.0	743.2	696.7	639.0	580.5	523.7	466.1	406.5	346.7	290.7
35°	836.0	799.2	763.3	718.4	662.6	603.7	546.0	486.2	423.4	361.5	302.7
32.5°	860.2	818.9	780.1	736.3	684.2	624.5	566.0	503.6	439.2	375.1	314.1
30°	882.1	837.3	796.3	753.5	702.6	642.7	582.9	519.4	453.9	387.5	324.7
27.5°	899.7	852.6	811.7	768.2	717.3	659.0	597.7	533.6	467.4	399.1	334.8
25°	917.2	866.7	824.1	781.7	731.1	675.5	611.5	546.2	479.3	409.9	343.9
22.5°	936.7	879.8	833.7	794.5	745.2	691.4	624.6	557.2	489.5	419.7	351.9
20°	953.8	891.2	840.9	804.5	756.5	703.2	637.0	567.1	498.4	428.4	359.0
17.5°	968.9	903.4	850.4	810.4	765.3	713.4	648.5	575.8	505.8	435.9	365.0
15°	984.7	916.1	858.9	815.3	772.4	721.9	659.0	583.4	511.8	442.3	370.4
12.5°	998.8	926.5	865.7	819.0	777.8	728.8	668.2	589.7	516.5	447.7	375.3
10°	1010.5	934.5	870.8	821.5	781.6	734.1	676.0	595.8	521.6	451.8	379.5
7.5°	1019.6	940.1	874.1	822.9	784.2	738.3	682.8	602.8	525.8	454.7	382.8
5°	1026.2	944.5	879.2	827.6	787.4	741.6	687.5	608.4	529.0	456.2	385.3
2.5°	1031.2	948.2	884.8	832.1	789.3	743.6	690.2	612.6	530.9	456.5	386.8
0°	1032.9	949.4	888.6	835.4	789.9	744.3	691.1	615.2	531.6	455.7	387.3
-2.5°	1031.2	948.2	884.8	832.1	789.3	743.6	690.2	612.6	530.9	456.5	386.8
-5°	1026.2	944.5	879.2	827.6	787.4	741.6	687.5	608.4	529.0	456.2	385.3
-7.5°	1019.6	940.1	874.1	822.9	784.2	738.3	682.8	602.8	525.8	454.7	382.8
-10°	1010.5	934.5	870.8	821.5	781.6	734.1	676.0	595.8	521.6	451.8	379.5
-12.5°	998.8	926.5	865.7	819.0	777.8	728.8	668.2	589.7	516.5	447.7	375.3
-15°	984.7	916.1	858.9	815.3	772.4	721.9	659.0	583.4	511.8	442.3	370.4
-17.5°	968.9	903.4	850.4	810.4	765.3	713.4	648.5	575.8	505.8	435.9	365.0
-20°	953.8	891.2	840.9	804.5	756.5	703.2	637.0	567.1	498.4	428.4	359.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	936.7	879.8	833.7	794.5	745.2	691.4	624.6	557.2	489.5	419.7	351.9
-25°	917.2	866.7	824.1	781.7	731.1	675.5	611.5	546.2	479.3	409.9	343.9
-27.5°	899.7	852.6	811.7	768.2	717.3	659.0	597.7	533.6	467.4	399.1	334.8
-30°	882.1	837.3	796.3	753.5	702.6	642.7	582.9	519.4	453.9	387.5	324.7
-32.5°	860.2	818.9	780.1	736.3	684.2	624.5	566.0	503.6	439.2	375.1	314.1
-35°	836.0	799.2	763.3	718.4	662.6	603.7	546.0	486.2	423.4	361.5	302.7
-37.5°	810.9	778.0	743.2	696.7	639.0	580.5	523.7	466.1	406.5	346.7	290.7
-40°	786.1	754.4	720.1	668.9	611.8	555.0	500.2	445.3	388.6	330.8	277.9
-42.5°	759.5	729.6	689.9	639.0	581.5	528.0	475.7	423.8	369.4	314.9	264.4
-45°	733.4	701.4	657.3	604.6	549.2	499.9	451.3	401.7	349.6	298.7	250.2
-47.5°	705.4	667.6	621.9	569.5	517.9	471.3	426.4	379.0	329.1	281.7	235.5
-50°	671.1	631.2	583.8	535.4	487.0	443.8	401.0	355.8	309.2	264.1	220.1
-52.5°	631.3	590.6	546.1	501.0	456.8	415.9	375.2	332.0	288.2	245.7	204.1
-55°	588.7	549.8	508.1	465.5	425.0	387.5	348.9	307.3	266.2	226.4	187.9
-57.5°	542.4	507.5	467.3	428.2	392.2	357.9	320.8	281.4	243.3	206.4	172.7
-60°	492.7	459.4	423.8	390.5	358.4	325.7	290.8	254.7	219.6	186.2	157.0
-62.5°	440.3	410.4	381.7	352.3	321.6	290.5	259.9	227.0	195.0	167.7	140.8
-65°	387.5	362.6	338.7	310.1	281.9	254.9	227.8	198.5	173.1	148.8	124.9
-67.5°	333.3	313.4	290.5	265.7	243.4	220.2	195.3	173.1	151.5	129.6	110.1
-70°	284.0	264.5	245.0	226.4	206.7	186.2	167.7	148.8	129.6	112.5	95.1
-72.5°	236.9	221.2	204.9	188.2	172.8	157.0	140.8	124.9	110.1	95.1	79.9
-75°	191.8	179.6	167.2	154.3	141.1	127.7	115.6	103.1	90.5	77.6	66.1
-77.5°	151.2	141.2	130.8	121.3	111.6	101.7	91.6	81.2	71.4	62.2	52.8
-80°	111.3	104.4	97.7	91.1	83.4	75.6	68.6	61.5	54.2	46.9	39.4
-82.5°	71.8	69.2	66.4	63.0	58.1	53.0	47.8	42.5	37.0	31.5	27.4
-85°	44.4	42.3	39.9	37.1	33.8	30.4	28.0	25.7	23.2	20.8	18.3
-87.5°	20.5	19.5	18.5	17.4	16.3	15.2	14.0	12.8	11.6	10.4	9.1
-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: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	7.9	6.6	5.3	4.0	2.6	1.2	0.0
85°	15.7	13.1	10.5	7.9	5.3	2.3	0.0
82.5°	23.5	19.7	15.8	11.9	7.9	3.5	0.0
80°	31.8	26.2	21.0	15.8	10.5	4.6	0.0
77.5°	43.3	33.6	26.2	19.7	13.1	5.7	0.0
75°	54.6	42.7	31.7	23.5	15.6	6.8	0.0
72.5°	65.7	51.7	38.6	27.4	18.1	7.9	0.0
70°	76.9	60.5	45.4	31.3	20.5	9.0	0.0
67.5°	89.6	69.1	52.0	36.1	22.8	10.1	0.0
65°	102.1	78.4	58.5	40.8	25.1	11.1	0.0
62.5°	114.3	88.6	64.8	45.4	27.3	12.1	0.0
60°	126.3	98.6	70.9	49.8	29.4	13.0	0.0
57.5°	139.4	108.3	78.5	54.1	32.1	14.0	0.0
55°	152.3	117.7	86.0	58.3	34.8	14.9	0.0
52.5°	164.9	127.0	93.3	62.3	37.4	15.7	0.0
50°	177.0	137.1	100.4	66.1	39.9	16.5	0.0
47.5°	188.9	146.8	107.1	70.1	42.4	17.3	0.0
45°	201.6	156.2	113.6	74.9	44.8	18.0	0.0
42.5°	213.6	165.1	119.8	79.6	47.1	18.7	0.0
40°	225.1	173.6	126.1	84.1	49.3	19.3	0.0
37.5°	236.1	181.6	132.5	88.4	51.4	19.9	0.0
35°	246.3	189.8	138.6	92.6	53.5	20.5	0.0
32.5°	256.0	197.8	144.2	96.4	55.4	21.0	0.0
30°	265.0	205.3	149.5	100.1	57.2	21.4	0.0
27.5°	273.3	212.1	154.6	103.4	58.9	21.8	0.0
25°	280.9	218.4	159.3	106.5	60.4	22.1	0.0
22.5°	287.8	224.1	163.6	109.3	61.9	22.4	0.0
20°	293.9	229.0	167.5	111.8	63.2	22.6	0.0
17.5°	299.0	233.2	170.9	114.1	64.4	22.8	0.0
15°	303.1	236.6	173.9	116.0	65.4	23.0	0.0
12.5°	306.5	239.4	176.5	117.7	66.3	23.1	0.0
10°	309.1	241.4	178.6	119.1	67.1	23.1	0.0
7.5°	310.9	242.8	180.2	120.1	67.6	23.1	0.0
5°	311.8	243.5	181.4	120.9	68.1	23.0	0.0
2.5°	312.0	243.5	182.1	121.3	68.3	22.9	0.0
0°	311.4	243.0	182.3	121.5	68.4	22.8	0.0
-2.5°	312.0	243.5	182.1	121.3	68.3	22.9	0.0
-5°	311.8	243.5	181.4	120.9	68.1	23.0	0.0
-7.5°	310.9	242.8	180.2	120.1	67.6	23.1	0.0
-10°	309.1	241.4	178.6	119.1	67.1	23.1	0.0
-12.5°	306.5	239.4	176.5	117.7	66.3	23.1	0.0
-15°	303.1	236.6	173.9	116.0	65.4	23.0	0.0
-17.5°	299.0	233.2	170.9	114.1	64.4	22.8	0.0
-20°	293.9	229.0	167.5	111.8	63.2	22.6	0.0

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REPORT NUMBER: P627879 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	287.8	224.1	163.6	109.3	61.9	22.4	0.0
-25°	280.9	218.4	159.3	106.5	60.4	22.1	0.0
-27.5°	273.3	212.1	154.6	103.4	58.9	21.8	0.0
-30°	265.0	205.3	149.5	100.1	57.2	21.4	0.0
-32.5°	256.0	197.8	144.2	96.4	55.4	21.0	0.0
-35°	246.3	189.8	138.6	92.6	53.5	20.5	0.0
-37.5°	236.1	181.6	132.5	88.4	51.4	19.9	0.0
-40°	225.1	173.6	126.1	84.1	49.3	19.3	0.0
-42.5°	213.6	165.1	119.8	79.6	47.1	18.7	0.0
-45°	201.6	156.2	113.6	74.9	44.8	18.0	0.0
-47.5°	188.9	146.8	107.1	70.1	42.4	17.3	0.0
-50°	177.0	137.1	100.4	66.1	39.9	16.5	0.0
-52.5°	164.9	127.0	93.3	62.3	37.4	15.7	0.0
-55°	152.3	117.7	86.0	58.3	34.8	14.9	0.0
-57.5°	139.4	108.3	78.5	54.1	32.1	14.0	0.0
-60°	126.3	98.6	70.9	49.8	29.4	13.0	0.0
-62.5°	114.3	88.6	64.8	45.4	27.3	12.1	0.0
-65°	102.1	78.4	58.5	40.8	25.1	11.1	0.0
-67.5°	89.6	69.1	52.0	36.1	22.8	10.1	0.0
-70°	76.9	60.5	45.4	31.3	20.5	9.0	0.0
-72.5°	65.7	51.7	38.6	27.4	18.1	7.9	0.0
-75°	54.6	42.7	31.7	23.5	15.6	6.8	0.0
-77.5°	43.3	33.6	26.2	19.7	13.1	5.7	0.0
-80°	31.8	26.2	21.0	15.8	10.5	4.6	0.0
-82.5°	23.5	19.7	15.8	11.9	7.9	3.5	0.0
-85°	15.7	13.1	10.5	7.9	5.3	2.3	0.0
-87.5°	7.9	6.6	5.3	4.0	2.6	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)