

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: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4E-722-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N85
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

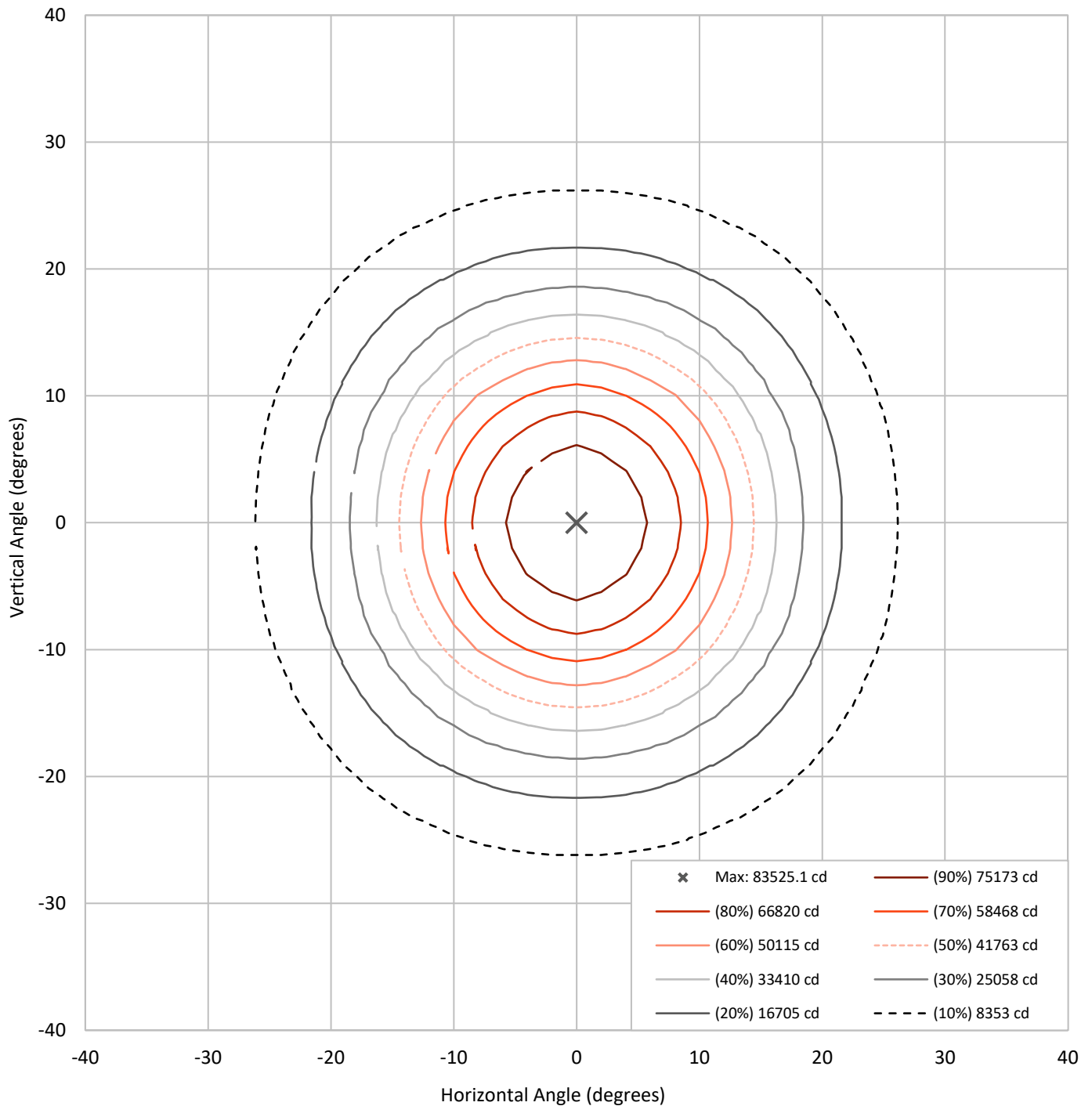
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	26096.1 lumens	Max Intensity:	83525.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	12687.6 lumens	Field Lumens:	21411.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	255.9		
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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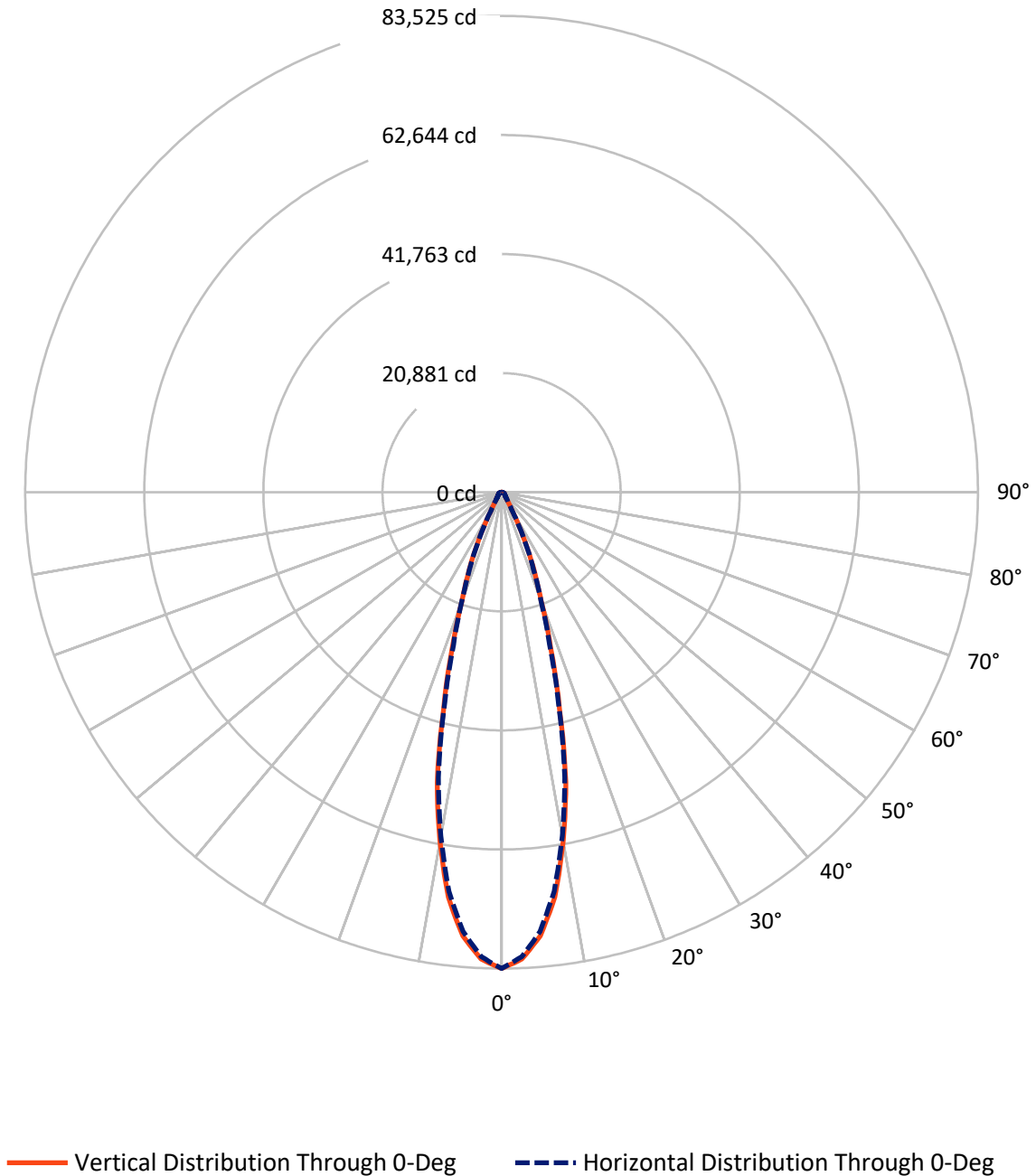
CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

Lumen Table

90	0.5	4.3	11.3	17.9	19.9	17.9	11.3	4.3	0.5							
80	0.5	4.3	11.3	17.9	19.9	17.9	11.3	4.3	0.5							
70	2.0	2.2	4.5	7.4	10.3	12.6	14.1	14.8	14.8	14.1	12.6	10.3	7.4	4.5	2.2	2.0
60		3.3	6.7	10.9	14.6	17.9	20.1	20.9	20.9	20.1	17.9	14.6	10.9	6.7	3.3	
50	3.4	4.3	8.7	13.4	17.9	22.6	26.6	28.5	28.5	26.6	22.6	17.9	13.4	8.7	4.3	3.4
40		5.0	10.1	15.5	21.9	31.2	45.2	58.8	58.8	45.2	31.2	21.9	15.5	10.1	5.0	
30	4.4	5.6	11.1	17.5	28.1	61.0	171.8	304.6	304.6	171.8	61.0	28.1	17.5	11.1	5.6	4.4
20		6.1	11.6	19.0	38.2	160.2	570.8	1093.9	1093.9	570.8	160.2	38.2	19.0	11.6	6.1	
10	4.7	6.3	11.9	20.0	48.6	276.5	1056.6	2078.3	2078.3	1056.6	276.5	48.6	20.0	11.9	6.3	4.7
0		6.3	11.9	20.0	48.6	276.5	1056.6	2078.3	2078.3	1056.6	276.5	48.6	20.0	11.9	6.3	
-10	4.4	6.1	11.6	19.0	38.2	160.2	570.8	1093.9	1093.9	570.8	160.2	38.2	19.0	11.6	6.1	4.4
-20		5.6	11.1	17.5	28.1	61.0	171.8	304.6	304.6	171.8	61.0	28.1	17.5	11.1	5.6	
-30	3.4	5.0	10.1	15.5	21.9	31.2	45.2	58.8	58.8	45.2	31.2	21.9	15.5	10.1	5.0	3.4
-40		4.3	8.7	13.4	17.9	22.6	26.6	28.5	28.5	26.6	22.6	17.9	13.4	8.7	4.3	
-50	2.0	3.3	6.7	10.9	14.6	17.9	20.1	20.9	20.9	20.1	17.9	14.6	10.9	6.7	3.3	2.0
-60		2.2	4.5	7.4	10.3	12.6	14.1	14.8	14.8	14.1	12.6	10.3	7.4	4.5	2.2	
-70	0.5	4.3	11.3	17.9	19.9	17.9	11.3	4.3	0.5							
-80		0.5	4.3	11.3	17.9	19.9	17.9	11.3	4.3	0.5						
-90	0.5	4.3	11.3	17.9	19.9	17.9	11.3	4.3	0.5							

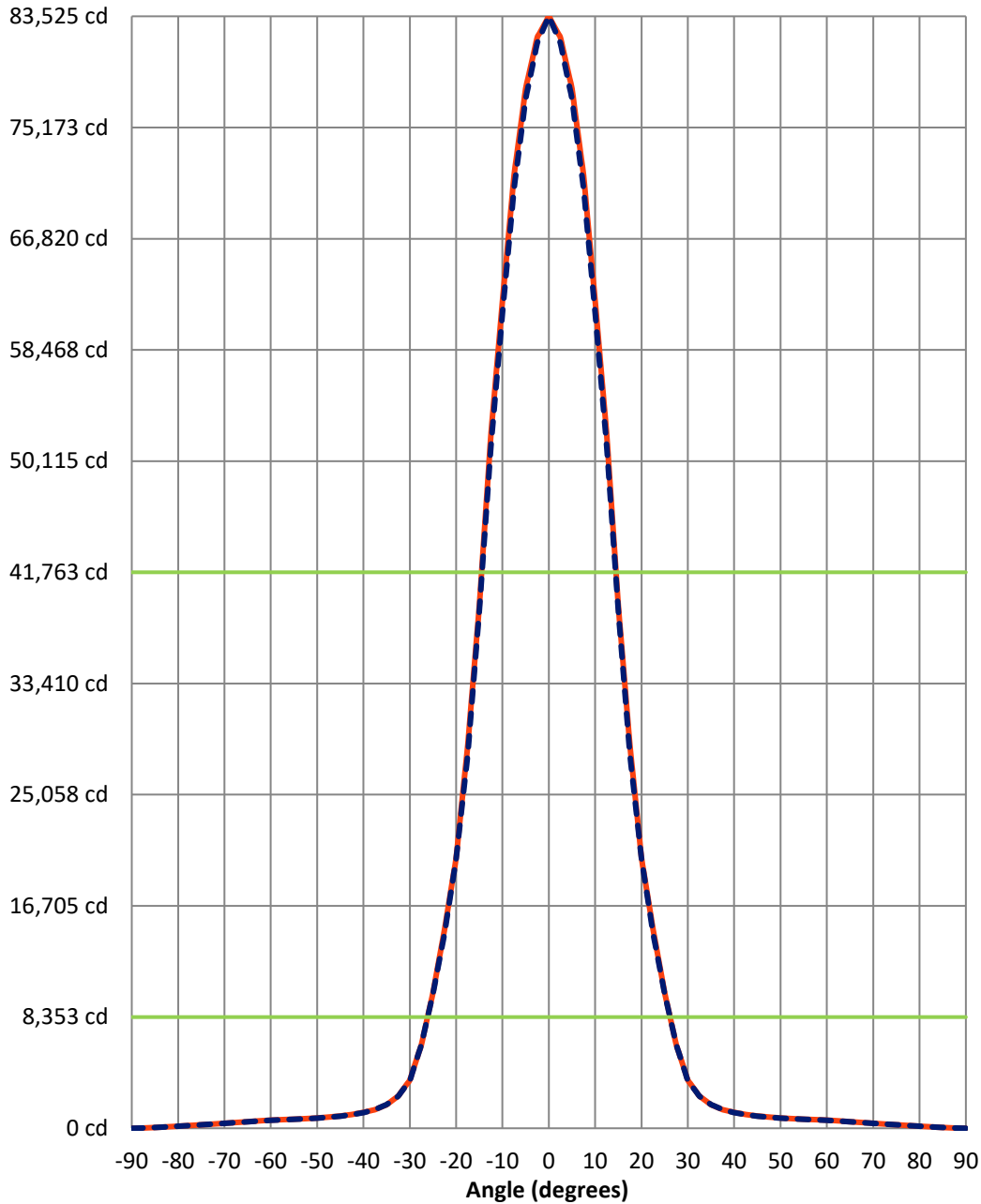
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12687.6
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 21411.5
 Efficiency: 82.0%

Spill:
 Lumens: 4684.6
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
85°	0.0	1.9	3.7	5.6	7.4	9.3	11.1	12.9	14.6	16.4	18.1
82.5°	0.0	2.8	5.6	8.4	11.1	13.9	16.6	19.3	22.3	27.4	32.7
80°	0.0	3.7	7.4	11.1	14.8	18.4	22.5	29.1	35.9	43.1	50.6
77.5°	0.0	4.6	9.3	13.9	18.4	24.2	32.1	40.5	49.3	58.6	68.8
75°	0.0	5.5	11.1	16.6	22.5	32.1	41.6	51.7	62.8	75.8	88.6
72.5°	0.0	6.4	12.9	19.3	28.8	39.9	50.9	63.5	78.6	93.5	108.2
70°	0.0	7.3	14.6	22.3	35.0	47.6	60.5	77.2	94.2	111.0	129.3
67.5°	0.0	8.2	16.4	26.9	41.1	55.3	72.2	90.7	109.6	130.2	150.4
65°	0.0	9.0	18.1	31.4	47.1	63.8	83.7	103.9	126.3	149.0	171.8
62.5°	0.0	9.9	19.7	35.8	53.0	73.2	94.9	117.9	142.8	167.6	193.7
60°	0.0	10.7	21.4	40.1	58.7	82.4	106.0	131.9	158.9	186.5	215.1
57.5°	0.0	11.5	24.2	44.3	65.8	91.4	117.5	145.7	174.8	204.9	236.2
55°	0.0	12.3	26.9	48.4	72.8	100.1	128.9	159.1	190.3	222.7	256.9
52.5°	0.0	13.0	29.5	52.3	79.6	108.7	139.8	172.1	205.2	240.8	277.0
50°	0.0	13.8	32.1	56.2	86.2	117.3	150.2	184.6	219.8	258.3	295.5
47.5°	0.0	14.5	34.6	60.1	92.5	125.6	160.3	196.7	234.8	275.1	313.1
45°	0.0	15.1	36.9	64.7	98.6	133.5	170.2	208.4	249.2	290.0	329.7
42.5°	0.0	15.8	39.2	69.1	104.4	141.0	179.8	220.0	262.9	304.0	345.1
40°	0.0	16.4	41.4	73.2	110.0	148.0	188.8	231.2	275.5	317.2	359.6
37.5°	0.0	17.0	43.4	77.0	115.4	154.7	197.4	241.8	286.7	329.8	373.2
35°	0.0	17.5	45.4	80.6	120.4	161.2	205.5	251.6	297.2	341.8	386.1
32.5°	0.0	18.0	47.2	83.9	125.1	167.6	213.2	260.7	307.0	352.9	398.6
30°	0.0	18.5	48.9	87.0	129.4	173.4	220.5	269.0	316.2	363.3	410.2
27.5°	0.0	19.0	50.5	89.7	133.3	178.9	227.1	276.3	324.6	372.8	420.8
25°	0.0	19.4	51.9	92.2	136.9	183.8	233.1	282.9	332.3	381.5	430.6
22.5°	0.0	19.8	53.3	94.4	140.3	188.3	238.4	288.9	339.2	389.3	440.4
20°	0.0	20.1	54.5	96.3	143.3	192.2	243.1	294.2	345.3	396.3	449.1
17.5°	0.0	20.4	55.5	98.0	146.1	195.5	247.4	298.9	350.6	402.3	456.7
15°	0.0	20.7	56.4	99.3	148.5	198.3	251.3	303.1	355.1	407.4	463.1
12.5°	0.0	20.9	57.2	100.4	150.6	200.5	254.6	307.1	359.3	411.6	468.4
10°	0.0	21.1	57.9	101.3	152.3	202.2	257.5	310.4	363.1	416.6	473.3
7.5°	0.0	21.2	58.4	101.8	153.7	203.3	259.7	313.0	366.1	421.0	478.7
5°	0.0	21.3	58.7	102.1	154.7	203.9	261.4	314.8	368.2	424.6	483.0
2.5°	0.0	21.4	58.9	102.1	155.3	204.1	262.4	315.9	369.5	427.3	486.0
0°	0.0	21.4	59.0	101.9	155.5	203.7	262.7	316.3	369.9	428.9	487.9
-2.5°	0.0	21.4	58.9	102.1	155.3	204.1	262.4	315.9	369.5	427.3	486.0
-5°	0.0	21.3	58.7	102.1	154.7	203.9	261.4	314.8	368.2	424.6	483.0
-7.5°	0.0	21.2	58.4	101.8	153.7	203.3	259.7	313.0	366.1	421.0	478.7
-10°	0.0	21.1	57.9	101.3	152.3	202.2	257.5	310.4	363.1	416.6	473.3
-12.5°	0.0	20.9	57.2	100.4	150.6	200.5	254.6	307.1	359.3	411.6	468.4
-15°	0.0	20.7	56.4	99.3	148.5	198.3	251.3	303.1	355.1	407.4	463.1
-17.5°	0.0	20.4	55.5	98.0	146.1	195.5	247.4	298.9	350.6	402.3	456.7
-20°	0.0	20.1	54.5	96.3	143.3	192.2	243.1	294.2	345.3	396.3	449.1

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Scaled Data Report



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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	19.8	53.3	94.4	140.3	188.3	238.4	288.9	339.2	389.3	440.4
-25°	0.0	19.4	51.9	92.2	136.9	183.8	233.1	282.9	332.3	381.5	430.6
-27.5°	0.0	19.0	50.5	89.7	133.3	178.9	227.1	276.3	324.6	372.8	420.8
-30°	0.0	18.5	48.9	87.0	129.4	173.4	220.5	269.0	316.2	363.3	410.2
-32.5°	0.0	18.0	47.2	83.9	125.1	167.6	213.2	260.7	307.0	352.9	398.6
-35°	0.0	17.5	45.4	80.6	120.4	161.2	205.5	251.6	297.2	341.8	386.1
-37.5°	0.0	17.0	43.4	77.0	115.4	154.7	197.4	241.8	286.7	329.8	373.2
-40°	0.0	16.4	41.4	73.2	110.0	148.0	188.8	231.2	275.5	317.2	359.6
-42.5°	0.0	15.8	39.2	69.1	104.4	141.0	179.8	220.0	262.9	304.0	345.1
-45°	0.0	15.1	36.9	64.7	98.6	133.5	170.2	208.4	249.2	290.0	329.7
-47.5°	0.0	14.5	34.6	60.1	92.5	125.6	160.3	196.7	234.8	275.1	313.1
-50°	0.0	13.8	32.1	56.2	86.2	117.3	150.2	184.6	219.8	258.3	295.5
-52.5°	0.0	13.0	29.5	52.3	79.6	108.7	139.8	172.1	205.2	240.8	277.0
-55°	0.0	12.3	26.9	48.4	72.8	100.1	128.9	159.1	190.3	222.7	256.9
-57.5°	0.0	11.5	24.2	44.3	65.8	91.4	117.5	145.7	174.8	204.9	236.2
-60°	0.0	10.7	21.4	40.1	58.7	82.4	106.0	131.9	158.9	186.5	215.1
-62.5°	0.0	9.9	19.7	35.8	53.0	73.2	94.9	117.9	142.8	167.6	193.7
-65°	0.0	9.0	18.1	31.4	47.1	63.8	83.7	103.9	126.3	149.0	171.8
-67.5°	0.0	8.2	16.4	26.9	41.1	55.3	72.2	90.7	109.6	130.2	150.4
-70°	0.0	7.3	14.6	22.3	35.0	47.6	60.5	77.2	94.2	111.0	129.3
-72.5°	0.0	6.4	12.9	19.3	28.8	39.9	50.9	63.5	78.6	93.5	108.2
-75°	0.0	5.5	11.1	16.6	22.5	32.1	41.6	51.7	62.8	75.8	88.6
-77.5°	0.0	4.6	9.3	13.9	18.4	24.2	32.1	40.5	49.3	58.6	68.8
-80°	0.0	3.7	7.4	11.1	14.8	18.4	22.5	29.1	35.9	43.1	50.6
-82.5°	0.0	2.8	5.6	8.4	11.1	13.9	16.6	19.3	22.3	27.4	32.7
-85°	0.0	1.9	3.7	5.6	7.4	9.3	11.1	12.9	14.6	16.4	18.1
-87.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
-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°	9.9	10.7	11.5	12.3	13.0	13.8	14.5	15.1	15.8	16.4	17.0
85°	19.7	21.4	24.6	27.7	30.7	33.6	36.4	39.1	41.7	44.2	46.5
82.5°	37.8	42.7	47.5	52.2	56.7	61.1	65.3	69.4	73.3	77.0	80.5
80°	57.4	64.0	70.6	76.7	82.6	88.5	94.1	99.5	104.7	110.3	116.2
77.5°	78.2	86.6	94.2	101.2	108.7	117.9	126.7	135.1	143.3	151.0	158.4
75°	99.6	109.2	119.6	129.9	140.8	151.7	162.4	172.6	182.6	192.9	203.1
72.5°	122.2	135.1	147.8	160.0	173.6	186.9	199.2	210.4	223.0	236.8	249.6
70°	146.0	161.0	176.9	192.7	208.1	222.9	238.1	253.3	268.7	283.7	297.9
67.5°	170.0	188.9	207.3	225.2	242.6	260.4	278.4	296.8	314.5	331.4	347.9
65°	195.6	216.7	237.2	257.3	276.7	298.4	319.7	340.2	362.7	383.5	401.6
62.5°	220.5	244.1	266.8	289.5	313.1	337.1	361.7	387.6	414.3	433.6	450.2
60°	244.4	271.0	296.3	322.3	348.7	375.8	404.2	431.7	456.1	477.2	494.6
57.5°	267.8	297.6	325.6	353.8	382.7	413.5	444.7	472.8	495.6	515.9	535.0
55°	290.4	323.4	353.2	383.3	416.1	452.2	484.1	509.5	532.8	549.6	567.9
52.5°	311.9	347.2	378.5	412.1	449.6	487.1	518.9	543.5	563.1	580.5	598.4
50°	332.5	368.0	402.7	441.0	480.6	518.1	550.3	573.0	592.7	610.8	628.0
47.5°	351.2	388.1	427.3	468.2	509.6	546.7	577.6	600.7	621.1	639.6	658.6
45°	368.8	408.4	450.1	494.9	537.3	574.1	602.2	627.0	646.6	667.5	691.2
42.5°	385.6	428.0	473.3	521.0	564.3	597.9	625.1	648.9	671.5	696.7	723.1
40°	402.2	446.3	495.3	545.4	589.5	618.7	645.9	671.1	697.2	725.7	754.6
37.5°	417.6	465.0	515.8	568.2	608.1	638.3	666.5	694.6	723.9	754.6	790.4
35°	431.8	482.2	535.5	586.1	624.4	657.4	687.6	718.1	750.9	788.3	827.9
32.5°	445.6	497.8	553.8	601.2	639.3	674.6	707.9	742.4	779.9	821.1	866.4
30°	459.1	513.1	569.8	616.7	652.6	688.7	727.8	766.2	807.8	853.7	906.8
27.5°	472.2	527.3	583.2	628.8	664.3	701.0	742.9	789.6	835.1	885.3	946.9
25°	484.3	542.0	596.4	638.4	674.3	712.8	756.5	806.2	859.8	919.5	994.9
22.5°	495.7	555.2	609.0	646.6	682.7	723.0	770.1	822.7	880.9	950.1	1042.2
20°	506.4	565.4	617.3	654.1	689.5	731.3	781.9	837.2	903.7	987.6	1097.7
17.5°	515.7	574.1	623.0	660.3	696.8	739.7	791.9	849.5	924.3	1020.6	1151.0
15°	523.7	581.3	628.0	665.0	703.0	748.4	802.2	864.9	946.8	1053.0	1197.0
12.5°	530.3	586.8	632.2	668.4	707.8	754.9	810.9	879.8	969.3	1088.4	1259.0
10°	535.4	590.8	635.5	670.6	711.2	759.2	817.8	891.4	987.5	1117.9	1312.1
7.5°	540.5	594.4	637.8	671.4	713.1	761.3	822.6	899.6	1000.8	1140.1	1354.5
5°	544.1	597.8	639.2	673.4	714.4	762.3	825.8	904.4	1009.2	1154.7	1384.4
2.5°	546.2	599.8	639.2	675.0	714.5	762.7	829.7	907.1	1018.4	1167.0	1401.4
0°	546.9	600.5	638.0	675.5	713.1	761.3	831.0	906.1	1024.0	1174.1	1404.7
-2.5°	546.2	599.8	639.2	675.0	714.5	762.7	829.7	907.1	1018.4	1167.0	1401.4
-5°	544.1	597.8	639.2	673.4	714.4	762.3	825.8	904.4	1009.2	1154.7	1384.4
-7.5°	540.5	594.4	637.8	671.4	713.1	761.3	822.6	899.6	1000.8	1140.1	1354.5
-10°	535.4	590.8	635.5	670.6	711.2	759.2	817.8	891.4	987.5	1117.9	1312.1
-12.5°	530.3	586.8	632.2	668.4	707.8	754.9	810.9	879.8	969.3	1088.4	1259.0
-15°	523.7	581.3	628.0	665.0	703.0	748.4	802.2	864.9	946.8	1053.0	1197.0
-17.5°	515.7	574.1	623.0	660.3	696.8	739.7	791.9	849.5	924.3	1020.6	1151.0
-20°	506.4	565.4	617.3	654.1	689.5	731.3	781.9	837.2	903.7	987.6	1097.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	495.7	555.2	609.0	646.6	682.7	723.0	770.1	822.7	880.9	950.1	1042.2
-25°	484.3	542.0	596.4	638.4	674.3	712.8	756.5	806.2	859.8	919.5	994.9
-27.5°	472.2	527.3	583.2	628.8	664.3	701.0	742.9	789.6	835.1	885.3	946.9
-30°	459.1	513.1	569.8	616.7	652.6	688.7	727.8	766.2	807.8	853.7	906.8
-32.5°	445.6	497.8	553.8	601.2	639.3	674.6	707.9	742.4	779.9	821.1	866.4
-35°	431.8	482.2	535.5	586.1	624.4	657.4	687.6	718.1	750.9	788.3	827.9
-37.5°	417.6	465.0	515.8	568.2	608.1	638.3	666.5	694.6	723.9	754.6	790.4
-40°	402.2	446.3	495.3	545.4	589.5	618.7	645.9	671.1	697.2	725.7	754.6
-42.5°	385.6	428.0	473.3	521.0	564.3	597.9	625.1	648.9	671.5	696.7	723.1
-45°	368.8	408.4	450.1	494.9	537.3	574.1	602.2	627.0	646.6	667.5	691.2
-47.5°	351.2	388.1	427.3	468.2	509.6	546.7	577.6	600.7	621.1	639.6	658.6
-50°	332.5	368.0	402.7	441.0	480.6	518.1	550.3	573.0	592.7	610.8	628.0
-52.5°	311.9	347.2	378.5	412.1	449.6	487.1	518.9	543.5	563.1	580.5	598.4
-55°	290.4	323.4	353.2	383.3	416.1	452.2	484.1	509.5	532.8	549.6	567.9
-57.5°	267.8	297.6	325.6	353.8	382.7	413.5	444.7	472.8	495.6	515.9	535.0
-60°	244.4	271.0	296.3	322.3	348.7	375.8	404.2	431.7	456.1	477.2	494.6
-62.5°	220.5	244.1	266.8	289.5	313.1	337.1	361.7	387.6	414.3	433.6	450.2
-65°	195.6	216.7	237.2	257.3	276.7	298.4	319.7	340.2	362.7	383.5	401.6
-67.5°	170.0	188.9	207.3	225.2	242.6	260.4	278.4	296.8	314.5	331.4	347.9
-70°	146.0	161.0	176.9	192.7	208.1	222.9	238.1	253.3	268.7	283.7	297.9
-72.5°	122.2	135.1	147.8	160.0	173.6	186.9	199.2	210.4	223.0	236.8	249.6
-75°	99.6	109.2	119.6	129.9	140.8	151.7	162.4	172.6	182.6	192.9	203.1
-77.5°	78.2	86.6	94.2	101.2	108.7	117.9	126.7	135.1	143.3	151.0	158.4
-80°	57.4	64.0	70.6	76.7	82.6	88.5	94.1	99.5	104.7	110.3	116.2
-82.5°	37.8	42.7	47.5	52.2	56.7	61.1	65.3	69.4	73.3	77.0	80.5
-85°	19.7	21.4	24.6	27.7	30.7	33.6	36.4	39.1	41.7	44.2	46.5
-87.5°	9.9	10.7	11.5	12.3	13.0	13.8	14.5	15.1	15.8	16.4	17.0
-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: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-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°	17.5	18.0	18.5	19.0	19.4	19.8	20.1	20.4	20.7	20.9	21.1
85°	48.8	50.8	52.8	54.6	56.2	56.7	56.8	56.7	56.5	57.2	57.9
82.5°	83.8	87.6	91.4	95.2	98.9	100.3	101.2	101.9	102.3	103.8	105.0
80°	121.7	127.7	133.2	138.1	142.5	145.6	148.4	151.1	153.4	154.6	155.1
77.5°	165.8	173.0	179.8	186.0	191.8	196.4	200.1	203.1	205.4	206.8	207.8
75°	213.2	222.4	230.5	238.0	245.0	249.8	253.2	255.7	257.4	259.2	260.6
72.5°	261.1	271.5	281.2	290.2	298.2	303.8	307.7	310.9	313.3	315.0	316.0
70°	311.5	323.9	334.5	343.6	350.8	356.2	360.4	363.8	366.5	368.2	369.2
67.5°	363.6	376.9	386.9	394.8	401.3	407.0	412.2	416.1	418.7	421.3	424.0
65°	416.8	430.3	440.5	448.9	455.7	463.1	469.8	474.8	478.1	481.2	484.3
62.5°	466.7	482.0	493.8	504.9	516.1	526.6	532.7	537.4	540.8	543.7	547.2
60°	512.1	529.4	543.9	557.3	570.9	584.6	590.3	594.7	598.9	602.8	606.3
57.5°	552.4	570.8	588.4	601.6	614.7	627.5	636.3	641.2	644.4	646.3	647.7
55°	587.5	605.9	623.4	638.6	652.8	665.9	675.8	680.6	684.1	686.3	687.7
52.5°	618.9	638.6	657.4	674.2	689.5	703.7	716.0	722.5	727.8	731.6	732.8
50°	649.8	671.1	691.4	709.4	727.2	744.2	759.9	768.9	775.3	779.2	780.4
47.5°	682.0	705.1	727.0	748.0	768.2	788.4	806.9	819.3	828.4	835.2	840.0
45°	715.5	740.4	764.7	789.4	812.7	838.6	862.1	880.1	893.4	905.0	914.2
42.5°	749.3	777.2	805.1	837.0	868.7	898.2	926.2	950.1	971.9	993.2	1009.8
40°	786.0	816.6	854.7	892.5	931.6	966.0	1006.8	1043.3	1076.8	1112.9	1142.9
37.5°	826.1	865.4	910.6	955.9	1006.8	1056.2	1113.2	1169.2	1217.9	1281.3	1332.2
35°	869.8	919.6	972.9	1033.8	1099.5	1177.0	1256.6	1350.1	1429.4	1530.1	1623.0
32.5°	918.5	977.1	1046.3	1129.9	1218.5	1343.0	1459.7	1618.1	1753.5	1928.2	2119.1
30°	968.0	1043.7	1137.9	1245.8	1395.7	1572.3	1778.2	2046.1	2335.8	2635.6	3039.0
27.5°	1026.7	1125.0	1242.6	1409.3	1633.5	1877.9	2297.4	2750.4	3381.3	3880.9	4770.6
25°	1089.9	1211.6	1385.3	1626.8	1936.7	2431.5	3139.5	3959.4	5222.0	6345.1	7635.8
22.5°	1164.8	1330.1	1560.0	1876.4	2416.5	3267.7	4372.9	6056.7	7928.4	9775.8	11464.3
20°	1244.1	1443.7	1765.3	2280.5	3115.4	4346.1	6318.0	8724.0	11208.8	13740.5	15874.1
17.5°	1336.7	1607.8	2031.4	2715.7	3906.7	6013.9	8647.8	11707.1	14953.4	18184.0	20990.2
15°	1416.2	1751.2	2321.6	3346.5	5122.7	7758.4	10995.5	14859.3	18941.7	23134.3	27678.3
12.5°	1517.7	1924.0	2620.7	3868.1	6201.5	9627.4	13588.3	18074.2	23059.4	28626.1	35710.1
10°	1610.8	2105.3	3014.0	4703.8	7498.4	11373.2	15827.8	20917.3	27383.4	35748.9	44293.9
7.5°	1685.4	2249.1	3319.1	5355.9	8586.0	12864.6	17844.4	23946.4	32013.4	41974.7	51738.0
5°	1737.3	2348.7	3537.3	5848.6	9460.9	14004.5	19275.4	26179.3	35916.0	47070.9	57039.8
2.5°	1769.9	2403.2	3644.1	6141.2	10031.5	14690.4	20168.2	27598.4	38307.8	50315.0	60408.2
0°	1785.3	2412.6	3576.0	6283.5	10111.6	14642.0	20250.0	28072.2	38875.4	51195.9	61248.5
-2.5°	1769.9	2403.2	3644.1	6141.2	10031.5	14690.4	20168.2	27598.4	38307.8	50315.0	60408.2
-5°	1737.3	2348.7	3537.3	5848.6	9460.9	14004.5	19275.4	26179.3	35916.0	47070.9	57039.8
-7.5°	1685.4	2249.1	3319.1	5355.9	8586.0	12864.6	17844.4	23946.4	32013.4	41974.7	51738.0
-10°	1610.8	2105.3	3014.0	4703.8	7498.4	11373.2	15827.8	20917.3	27383.4	35748.9	44293.9
-12.5°	1517.7	1924.0	2620.7	3868.1	6201.5	9627.4	13588.3	18074.2	23059.4	28626.1	35710.1
-15°	1416.2	1751.2	2321.6	3346.5	5122.7	7758.4	10995.5	14859.3	18941.7	23134.3	27678.3
-17.5°	1336.7	1607.8	2031.4	2715.7	3906.7	6013.9	8647.8	11707.1	14953.4	18184.0	20990.2
-20°	1244.1	1443.7	1765.3	2280.5	3115.4	4346.1	6318.0	8724.0	11208.8	13740.5	15874.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1164.8	1330.1	1560.0	1876.4	2416.5	3267.7	4372.9	6056.7	7928.4	9775.8	11464.3
-25°	1089.9	1211.6	1385.3	1626.8	1936.7	2431.5	3139.5	3959.4	5222.0	6345.1	7635.8
-27.5°	1026.7	1125.0	1242.6	1409.3	1633.5	1877.9	2297.4	2750.4	3381.3	3880.9	4770.6
-30°	968.0	1043.7	1137.9	1245.8	1395.7	1572.3	1778.2	2046.1	2335.8	2635.6	3039.0
-32.5°	918.5	977.1	1046.3	1129.9	1218.5	1343.0	1459.7	1618.1	1753.5	1928.2	2119.1
-35°	869.8	919.6	972.9	1033.8	1099.5	1177.0	1256.6	1350.1	1429.4	1530.1	1623.0
-37.5°	826.1	865.4	910.6	955.9	1006.8	1056.2	1113.2	1169.2	1217.9	1281.3	1332.2
-40°	786.0	816.6	854.7	892.5	931.6	966.0	1006.8	1043.3	1076.8	1112.9	1142.9
-42.5°	749.3	777.2	805.1	837.0	868.7	898.2	926.2	950.1	971.9	993.2	1009.8
-45°	715.5	740.4	764.7	789.4	812.7	838.6	862.1	880.1	893.4	905.0	914.2
-47.5°	682.0	705.1	727.0	748.0	768.2	788.4	806.9	819.3	828.4	835.2	840.0
-50°	649.8	671.1	691.4	709.4	727.2	744.2	759.9	768.9	775.3	779.2	780.4
-52.5°	618.9	638.6	657.4	674.2	689.5	703.7	716.0	722.5	727.8	731.6	732.8
-55°	587.5	605.9	623.4	638.6	652.8	665.9	675.8	680.6	684.1	686.3	687.7
-57.5°	552.4	570.8	588.4	601.6	614.7	627.5	636.3	641.2	644.4	646.3	647.7
-60°	512.1	529.4	543.9	557.3	570.9	584.6	590.3	594.7	598.9	602.8	606.3
-62.5°	466.7	482.0	493.8	504.9	516.1	526.6	532.7	537.4	540.8	543.7	547.2
-65°	416.8	430.3	440.5	448.9	455.7	463.1	469.8	474.8	478.1	481.2	484.3
-67.5°	363.6	376.9	386.9	394.8	401.3	407.0	412.2	416.1	418.7	421.3	424.0
-70°	311.5	323.9	334.5	343.6	350.8	356.2	360.4	363.8	366.5	368.2	369.2
-72.5°	261.1	271.5	281.2	290.2	298.2	303.8	307.7	310.9	313.3	315.0	316.0
-75°	213.2	222.4	230.5	238.0	245.0	249.8	253.2	255.7	257.4	259.2	260.6
-77.5°	165.8	173.0	179.8	186.0	191.8	196.4	200.1	203.1	205.4	206.8	207.8
-80°	121.7	127.7	133.2	138.1	142.5	145.6	148.4	151.1	153.4	154.6	155.1
-82.5°	83.8	87.6	91.4	95.2	98.9	100.3	101.2	101.9	102.3	103.8	105.0
-85°	48.8	50.8	52.8	54.6	56.2	56.7	56.8	56.7	56.5	57.2	57.9
-87.5°	17.5	18.0	18.5	19.0	19.4	19.8	20.1	20.4	20.7	20.9	21.1
-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: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-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°	21.2	21.3	21.4	21.4	21.4	21.3	21.2	21.1	20.9	20.7	20.4
85°	58.4	58.7	58.9	59.0	58.9	58.7	58.4	57.9	57.2	56.5	56.7
82.5°	106.0	106.6	107.1	107.2	107.1	106.6	106.0	105.0	103.8	102.3	101.9
80°	155.2	154.8	155.3	155.5	155.3	154.8	155.2	155.1	154.6	153.4	151.1
77.5°	208.2	208.1	208.8	209.1	208.8	208.1	208.2	207.8	206.8	205.4	203.1
75°	261.4	261.5	262.4	262.7	262.4	261.5	261.4	260.6	259.2	257.4	255.7
72.5°	316.0	315.1	315.9	316.3	315.9	315.1	316.0	316.0	315.0	313.3	310.9
70°	369.3	368.5	372.0	375.3	372.0	368.5	369.3	369.2	368.2	366.5	363.8
67.5°	425.9	427.0	430.8	434.3	430.8	427.0	425.9	424.0	421.3	418.7	416.1
65°	485.8	486.0	489.7	493.2	489.7	486.0	485.8	484.3	481.2	478.1	474.8
62.5°	549.3	550.0	553.8	557.6	553.8	550.0	549.3	547.2	543.7	540.8	537.4
60°	608.4	609.1	610.5	611.2	610.5	609.1	608.4	606.3	602.8	598.9	594.7
57.5°	648.2	647.6	648.2	648.7	648.2	647.6	648.2	647.7	646.3	644.4	641.2
55°	687.5	685.7	683.7	680.9	683.7	685.7	687.5	687.7	686.3	684.1	680.6
52.5°	731.8	729.0	726.4	723.8	726.4	729.0	731.8	732.8	731.6	727.8	722.5
50°	779.7	777.1	774.6	772.0	774.6	777.1	779.7	780.4	779.2	775.3	768.9
47.5°	843.4	844.5	844.0	841.7	844.0	844.5	843.4	840.0	835.2	828.4	819.3
45°	920.7	923.8	924.2	922.2	924.2	923.8	920.7	914.2	905.0	893.4	880.1
42.5°	1021.6	1028.4	1032.1	1034.7	1032.1	1028.4	1021.6	1009.8	993.2	971.9	950.1
40°	1164.7	1178.5	1187.3	1195.6	1187.3	1178.5	1164.7	1142.9	1112.9	1076.8	1043.3
37.5°	1369.9	1395.0	1406.2	1399.3	1406.2	1395.0	1369.9	1332.2	1281.3	1217.9	1169.2
35°	1694.6	1742.4	1767.2	1769.3	1767.2	1742.4	1694.6	1623.0	1530.1	1429.4	1350.1
32.5°	2260.1	2358.0	2410.6	2418.0	2410.6	2358.0	2260.1	2119.1	1928.2	1753.5	1618.1
30°	3347.9	3547.5	3641.1	3618.9	3641.1	3547.5	3347.9	3039.0	2635.6	2335.8	2046.1
27.5°	5462.2	5959.8	6254.7	6278.2	6254.7	5959.8	5462.2	4770.6	3880.9	3381.3	2750.4
25°	8779.0	9628.5	10172.5	10181.3	10172.5	9628.5	8779.0	7635.8	6345.1	5222.0	3959.4
22.5°	13025.5	14185.2	14820.5	14931.5	14820.5	14185.2	13025.5	11464.3	9775.8	7928.4	6056.7
20°	17945.4	19488.0	20313.3	20314.3	20313.3	19488.0	17945.4	15874.1	13740.5	11208.8	8724.0
17.5°	24004.4	26509.2	28081.6	28758.5	28081.6	26509.2	24004.4	20990.2	18184.0	14953.4	11707.1
15°	32053.8	36263.1	38785.4	39240.0	38785.4	36263.1	32053.8	27678.3	23134.3	18941.7	14859.3
12.5°	41854.9	47181.9	50762.7	52075.2	50762.7	47181.9	41854.9	35710.1	28626.1	23059.4	18074.2
10°	52088.1	57023.9	60860.1	62149.2	60860.1	57023.9	52088.1	44293.9	35748.9	27383.4	20917.3
7.5°	59480.8	65366.5	69687.7	71585.3	69687.7	65366.5	59480.8	51738.0	41974.7	32013.4	23946.4
5°	65316.5	72280.8	76303.4	78088.6	76303.4	72280.8	65316.5	57039.8	47070.9	35916.0	26179.3
2.5°	69145.6	76026.9	80286.6	81932.7	80286.6	76026.9	69145.6	60408.2	50315.0	38307.8	27598.4
0°	70577.3	77305.9	81514.5	83525.1	81514.5	77305.9	70577.3	61248.5	51195.9	38875.4	28072.2
-2.5°	69145.6	76026.9	80286.6	81932.7	80286.6	76026.9	69145.6	60408.2	50315.0	38307.8	27598.4
-5°	65316.5	72280.8	76303.4	78088.6	76303.4	72280.8	65316.5	57039.8	47070.9	35916.0	26179.3
-7.5°	59480.8	65366.5	69687.7	71585.3	69687.7	65366.5	59480.8	51738.0	41974.7	32013.4	23946.4
-10°	52088.1	57023.9	60860.1	62149.2	60860.1	57023.9	52088.1	44293.9	35748.9	27383.4	20917.3
-12.5°	41854.9	47181.9	50762.7	52075.2	50762.7	47181.9	41854.9	35710.1	28626.1	23059.4	18074.2
-15°	32053.8	36263.1	38785.4	39240.0	38785.4	36263.1	32053.8	27678.3	23134.3	18941.7	14859.3
-17.5°	24004.4	26509.2	28081.6	28758.5	28081.6	26509.2	24004.4	20990.2	18184.0	14953.4	11707.1
-20°	17945.4	19488.0	20313.3	20314.3	20313.3	19488.0	17945.4	15874.1	13740.5	11208.8	8724.0



REPORT NUMBER: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13025.5	14185.2	14820.5	14931.5	14820.5	14185.2	13025.5	11464.3	9775.8	7928.4	6056.7
-25°	8779.0	9628.5	10172.5	10181.3	10172.5	9628.5	8779.0	7635.8	6345.1	5222.0	3959.4
-27.5°	5462.2	5959.8	6254.7	6278.2	6254.7	5959.8	5462.2	4770.6	3880.9	3381.3	2750.4
-30°	3347.9	3547.5	3641.1	3618.9	3641.1	3547.5	3347.9	3039.0	2635.6	2335.8	2046.1
-32.5°	2260.1	2358.0	2410.6	2418.0	2410.6	2358.0	2260.1	2119.1	1928.2	1753.5	1618.1
-35°	1694.6	1742.4	1767.2	1769.3	1767.2	1742.4	1694.6	1623.0	1530.1	1429.4	1350.1
-37.5°	1369.9	1395.0	1406.2	1399.3	1406.2	1395.0	1369.9	1332.2	1281.3	1217.9	1169.2
-40°	1164.7	1178.5	1187.3	1195.6	1187.3	1178.5	1164.7	1142.9	1112.9	1076.8	1043.3
-42.5°	1021.6	1028.4	1032.1	1034.7	1032.1	1028.4	1021.6	1009.8	993.2	971.9	950.1
-45°	920.7	923.8	924.2	922.2	924.2	923.8	920.7	914.2	905.0	893.4	880.1
-47.5°	843.4	844.5	844.0	841.7	844.0	844.5	843.4	840.0	835.2	828.4	819.3
-50°	779.7	777.1	774.6	772.0	774.6	777.1	779.7	780.4	779.2	775.3	768.9
-52.5°	731.8	729.0	726.4	723.8	726.4	729.0	731.8	732.8	731.6	727.8	722.5
-55°	687.5	685.7	683.7	680.9	683.7	685.7	687.5	687.7	686.3	684.1	680.6
-57.5°	648.2	647.6	648.2	648.7	648.2	647.6	648.2	647.7	646.3	644.4	641.2
-60°	608.4	609.1	610.5	611.2	610.5	609.1	608.4	606.3	602.8	598.9	594.7
-62.5°	549.3	550.0	553.8	557.6	553.8	550.0	549.3	547.2	543.7	540.8	537.4
-65°	485.8	486.0	489.7	493.2	489.7	486.0	485.8	484.3	481.2	478.1	474.8
-67.5°	425.9	427.0	430.8	434.3	430.8	427.0	425.9	424.0	421.3	418.7	416.1
-70°	369.3	368.5	372.0	375.3	372.0	368.5	369.3	369.2	368.2	366.5	363.8
-72.5°	316.0	315.1	315.9	316.3	315.9	315.1	316.0	316.0	315.0	313.3	310.9
-75°	261.4	261.5	262.4	262.7	262.4	261.5	261.4	260.6	259.2	257.4	255.7
-77.5°	208.2	208.1	208.8	209.1	208.8	208.1	208.2	207.8	206.8	205.4	203.1
-80°	155.2	154.8	155.3	155.5	155.3	154.8	155.2	155.1	154.6	153.4	151.1
-82.5°	106.0	106.6	107.1	107.2	107.1	106.6	106.0	105.0	103.8	102.3	101.9
-85°	58.4	58.7	58.9	59.0	58.9	58.7	58.4	57.9	57.2	56.5	56.7
-87.5°	21.2	21.3	21.4	21.4	21.4	21.3	21.2	21.1	20.9	20.7	20.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-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°	20.1	19.8	19.4	19.0	18.5	18.0	17.5	17.0	16.4	15.8	15.1
85°	56.8	56.7	56.2	54.6	52.8	50.8	48.8	46.5	44.2	41.7	39.1
82.5°	101.2	100.3	98.9	95.2	91.4	87.6	83.8	80.5	77.0	73.3	69.4
80°	148.4	145.6	142.5	138.1	133.2	127.7	121.7	116.2	110.3	104.7	99.5
77.5°	200.1	196.4	191.8	186.0	179.8	173.0	165.8	158.4	151.0	143.3	135.1
75°	253.2	249.8	245.0	238.0	230.5	222.4	213.2	203.1	192.9	182.6	172.6
72.5°	307.7	303.8	298.2	290.2	281.2	271.5	261.1	249.6	236.8	223.0	210.4
70°	360.4	356.2	350.8	343.6	334.5	323.9	311.5	297.9	283.7	268.7	253.3
67.5°	412.2	407.0	401.3	394.8	386.9	376.9	363.6	347.9	331.4	314.5	296.8
65°	469.8	463.1	455.7	448.9	440.5	430.3	416.8	401.6	383.5	362.7	340.2
62.5°	532.7	526.6	516.1	504.9	493.8	482.0	466.7	450.2	433.6	414.3	387.6
60°	590.3	584.6	570.9	557.3	543.9	529.4	512.1	494.6	477.2	456.1	431.7
57.5°	636.3	627.5	614.7	601.6	588.4	570.8	552.4	535.0	515.9	495.6	472.8
55°	675.8	665.9	652.8	638.6	623.4	605.9	587.5	567.9	549.6	532.8	509.5
52.5°	716.0	703.7	689.5	674.2	657.4	638.6	618.9	598.4	580.5	563.1	543.5
50°	759.9	744.2	727.2	709.4	691.4	671.1	649.8	628.0	610.8	592.7	573.0
47.5°	806.9	788.4	768.2	748.0	727.0	705.1	682.0	658.6	639.6	621.1	600.7
45°	862.1	838.6	812.7	789.4	764.7	740.4	715.5	691.2	667.5	646.6	627.0
42.5°	926.2	898.2	868.7	837.0	805.1	777.2	749.3	723.1	696.7	671.5	648.9
40°	1006.8	966.0	931.6	892.5	854.7	816.6	786.0	754.6	725.7	697.2	671.1
37.5°	1113.2	1056.2	1006.8	955.9	910.6	865.4	826.1	790.4	754.6	723.9	694.6
35°	1256.6	1177.0	1099.5	1033.8	972.9	919.6	869.8	827.9	788.3	750.9	718.1
32.5°	1459.7	1343.0	1218.5	1129.9	1046.3	977.1	918.5	866.4	821.1	779.9	742.4
30°	1778.2	1572.3	1395.7	1245.8	1137.9	1043.7	968.0	906.8	853.7	807.8	766.2
27.5°	2297.4	1877.9	1633.5	1409.3	1242.6	1125.0	1026.7	946.9	885.3	835.1	789.6
25°	3139.5	2431.5	1936.7	1626.8	1385.3	1211.6	1089.9	994.9	919.5	859.8	806.2
22.5°	4372.9	3267.7	2416.5	1876.4	1560.0	1330.1	1164.8	1042.2	950.1	880.9	822.7
20°	6318.0	4346.1	3115.4	2280.5	1765.3	1443.7	1244.1	1097.7	987.6	903.7	837.2
17.5°	8647.8	6013.9	3906.7	2715.7	2031.4	1607.8	1336.7	1151.0	1020.6	924.3	849.5
15°	10995.5	7758.4	5122.7	3346.5	2321.6	1751.2	1416.2	1197.0	1053.0	946.8	864.9
12.5°	13588.3	9627.4	6201.5	3868.1	2620.7	1924.0	1517.7	1259.0	1088.4	969.3	879.8
10°	15827.8	11373.2	7498.4	4703.8	3014.0	2105.3	1610.8	1312.1	1117.9	987.5	891.4
7.5°	17844.4	12864.6	8586.0	5355.9	3319.1	2249.1	1685.4	1354.5	1140.1	1000.8	899.6
5°	19275.4	14004.5	9460.9	5848.6	3537.3	2348.7	1737.3	1384.4	1154.7	1009.2	904.4
2.5°	20168.2	14690.4	10031.5	6141.2	3644.1	2403.2	1769.9	1401.4	1167.0	1018.4	907.1
0°	20250.0	14642.0	10111.6	6283.5	3576.0	2412.6	1785.3	1404.7	1174.1	1024.0	906.1
-2.5°	20168.2	14690.4	10031.5	6141.2	3644.1	2403.2	1769.9	1401.4	1167.0	1018.4	907.1
-5°	19275.4	14004.5	9460.9	5848.6	3537.3	2348.7	1737.3	1384.4	1154.7	1009.2	904.4
-7.5°	17844.4	12864.6	8586.0	5355.9	3319.1	2249.1	1685.4	1354.5	1140.1	1000.8	899.6
-10°	15827.8	11373.2	7498.4	4703.8	3014.0	2105.3	1610.8	1312.1	1117.9	987.5	891.4
-12.5°	13588.3	9627.4	6201.5	3868.1	2620.7	1924.0	1517.7	1259.0	1088.4	969.3	879.8
-15°	10995.5	7758.4	5122.7	3346.5	2321.6	1751.2	1416.2	1197.0	1053.0	946.8	864.9
-17.5°	8647.8	6013.9	3906.7	2715.7	2031.4	1607.8	1336.7	1151.0	1020.6	924.3	849.5
-20°	6318.0	4346.1	3115.4	2280.5	1765.3	1443.7	1244.1	1097.7	987.6	903.7	837.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4372.9	3267.7	2416.5	1876.4	1560.0	1330.1	1164.8	1042.2	950.1	880.9	822.7
-25°	3139.5	2431.5	1936.7	1626.8	1385.3	1211.6	1089.9	994.9	919.5	859.8	806.2
-27.5°	2297.4	1877.9	1633.5	1409.3	1242.6	1125.0	1026.7	946.9	885.3	835.1	789.6
-30°	1778.2	1572.3	1395.7	1245.8	1137.9	1043.7	968.0	906.8	853.7	807.8	766.2
-32.5°	1459.7	1343.0	1218.5	1129.9	1046.3	977.1	918.5	866.4	821.1	779.9	742.4
-35°	1256.6	1177.0	1099.5	1033.8	972.9	919.6	869.8	827.9	788.3	750.9	718.1
-37.5°	1113.2	1056.2	1006.8	955.9	910.6	865.4	826.1	790.4	754.6	723.9	694.6
-40°	1006.8	966.0	931.6	892.5	854.7	816.6	786.0	754.6	725.7	697.2	671.1
-42.5°	926.2	898.2	868.7	837.0	805.1	777.2	749.3	723.1	696.7	671.5	648.9
-45°	862.1	838.6	812.7	789.4	764.7	740.4	715.5	691.2	667.5	646.6	627.0
-47.5°	806.9	788.4	768.2	748.0	727.0	705.1	682.0	658.6	639.6	621.1	600.7
-50°	759.9	744.2	727.2	709.4	691.4	671.1	649.8	628.0	610.8	592.7	573.0
-52.5°	716.0	703.7	689.5	674.2	657.4	638.6	618.9	598.4	580.5	563.1	543.5
-55°	675.8	665.9	652.8	638.6	623.4	605.9	587.5	567.9	549.6	532.8	509.5
-57.5°	636.3	627.5	614.7	601.6	588.4	570.8	552.4	535.0	515.9	495.6	472.8
-60°	590.3	584.6	570.9	557.3	543.9	529.4	512.1	494.6	477.2	456.1	431.7
-62.5°	532.7	526.6	516.1	504.9	493.8	482.0	466.7	450.2	433.6	414.3	387.6
-65°	469.8	463.1	455.7	448.9	440.5	430.3	416.8	401.6	383.5	362.7	340.2
-67.5°	412.2	407.0	401.3	394.8	386.9	376.9	363.6	347.9	331.4	314.5	296.8
-70°	360.4	356.2	350.8	343.6	334.5	323.9	311.5	297.9	283.7	268.7	253.3
-72.5°	307.7	303.8	298.2	290.2	281.2	271.5	261.1	249.6	236.8	223.0	210.4
-75°	253.2	249.8	245.0	238.0	230.5	222.4	213.2	203.1	192.9	182.6	172.6
-77.5°	200.1	196.4	191.8	186.0	179.8	173.0	165.8	158.4	151.0	143.3	135.1
-80°	148.4	145.6	142.5	138.1	133.2	127.7	121.7	116.2	110.3	104.7	99.5
-82.5°	101.2	100.3	98.9	95.2	91.4	87.6	83.8	80.5	77.0	73.3	69.4
-85°	56.8	56.7	56.2	54.6	52.8	50.8	48.8	46.5	44.2	41.7	39.1
-87.5°	20.1	19.8	19.4	19.0	18.5	18.0	17.5	17.0	16.4	15.8	15.1
-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: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-U-MR-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°	14.5	13.8	13.0	12.3	11.5	10.7	9.9	9.0	8.2	7.3	6.4
85°	36.4	33.6	30.7	27.7	24.6	21.4	19.7	18.1	16.4	14.6	12.9
82.5°	65.3	61.1	56.7	52.2	47.5	42.7	37.8	32.7	27.4	22.3	19.3
80°	94.1	88.5	82.6	76.7	70.6	64.0	57.4	50.6	43.1	35.9	29.1
77.5°	126.7	117.9	108.7	101.2	94.2	86.6	78.2	68.8	58.6	49.3	40.5
75°	162.4	151.7	140.8	129.9	119.6	109.2	99.6	88.6	75.8	62.8	51.7
72.5°	199.2	186.9	173.6	160.0	147.8	135.1	122.2	108.2	93.5	78.6	63.5
70°	238.1	222.9	208.1	192.7	176.9	161.0	146.0	129.3	111.0	94.2	77.2
67.5°	278.4	260.4	242.6	225.2	207.3	188.9	170.0	150.4	130.2	109.6	90.7
65°	319.7	298.4	276.7	257.3	237.2	216.7	195.6	171.8	149.0	126.3	103.9
62.5°	361.7	337.1	313.1	289.5	266.8	244.1	220.5	193.7	167.6	142.8	117.9
60°	404.2	375.8	348.7	322.3	296.3	271.0	244.4	215.1	186.5	158.9	131.9
57.5°	444.7	413.5	382.7	353.8	325.6	297.6	267.8	236.2	204.9	174.8	145.7
55°	484.1	452.2	416.1	383.3	353.2	323.4	290.4	256.9	222.7	190.3	159.1
52.5°	518.9	487.1	449.6	412.1	378.5	347.2	311.9	277.0	240.8	205.2	172.1
50°	550.3	518.1	480.6	441.0	402.7	368.0	332.5	295.5	258.3	219.8	184.6
47.5°	577.6	546.7	509.6	468.2	427.3	388.1	351.2	313.1	275.1	234.8	196.7
45°	602.2	574.1	537.3	494.9	450.1	408.4	368.8	329.7	290.0	249.2	208.4
42.5°	625.1	597.9	564.3	521.0	473.3	428.0	385.6	345.1	304.0	262.9	220.0
40°	645.9	618.7	589.5	545.4	495.3	446.3	402.2	359.6	317.2	275.5	231.2
37.5°	666.5	638.3	608.1	568.2	515.8	465.0	417.6	373.2	329.8	286.7	241.8
35°	687.6	657.4	624.4	586.1	535.5	482.2	431.8	386.1	341.8	297.2	251.6
32.5°	707.9	674.6	639.3	601.2	553.8	497.8	445.6	398.6	352.9	307.0	260.7
30°	727.8	688.7	652.6	616.7	569.8	513.1	459.1	410.2	363.3	316.2	269.0
27.5°	742.9	701.0	664.3	628.8	583.2	527.3	472.2	420.8	372.8	324.6	276.3
25°	756.5	712.8	674.3	638.4	596.4	542.0	484.3	430.6	381.5	332.3	282.9
22.5°	770.1	723.0	682.7	646.6	609.0	555.2	495.7	440.4	389.3	339.2	288.9
20°	781.9	731.3	689.5	654.1	617.3	565.4	506.4	449.1	396.3	345.3	294.2
17.5°	791.9	739.7	696.8	660.3	623.0	574.1	515.7	456.7	402.3	350.6	298.9
15°	802.2	748.4	703.0	665.0	628.0	581.3	523.7	463.1	407.4	355.1	303.1
12.5°	810.9	754.9	707.8	668.4	632.2	586.8	530.3	468.4	411.6	359.3	307.1
10°	817.8	759.2	711.2	670.6	635.5	590.8	535.4	473.3	416.6	363.1	310.4
7.5°	822.6	761.3	713.1	671.4	637.8	594.4	540.5	478.7	421.0	366.1	313.0
5°	825.8	762.3	714.4	673.4	639.2	597.8	544.1	483.0	424.6	368.2	314.8
2.5°	829.7	762.7	714.5	675.0	639.2	599.8	546.2	486.0	427.3	369.5	315.9
0°	831.0	761.3	713.1	675.5	638.0	600.5	546.9	487.9	428.9	369.9	316.3
-2.5°	829.7	762.7	714.5	675.0	639.2	599.8	546.2	486.0	427.3	369.5	315.9
-5°	825.8	762.3	714.4	673.4	639.2	597.8	544.1	483.0	424.6	368.2	314.8
-7.5°	822.6	761.3	713.1	671.4	637.8	594.4	540.5	478.7	421.0	366.1	313.0
-10°	817.8	759.2	711.2	670.6	635.5	590.8	535.4	473.3	416.6	363.1	310.4
-12.5°	810.9	754.9	707.8	668.4	632.2	586.8	530.3	468.4	411.6	359.3	307.1
-15°	802.2	748.4	703.0	665.0	628.0	581.3	523.7	463.1	407.4	355.1	303.1
-17.5°	791.9	739.7	696.8	660.3	623.0	574.1	515.7	456.7	402.3	350.6	298.9
-20°	781.9	731.3	689.5	654.1	617.3	565.4	506.4	449.1	396.3	345.3	294.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	770.1	723.0	682.7	646.6	609.0	555.2	495.7	440.4	389.3	339.2	288.9
-25°	756.5	712.8	674.3	638.4	596.4	542.0	484.3	430.6	381.5	332.3	282.9
-27.5°	742.9	701.0	664.3	628.8	583.2	527.3	472.2	420.8	372.8	324.6	276.3
-30°	727.8	688.7	652.6	616.7	569.8	513.1	459.1	410.2	363.3	316.2	269.0
-32.5°	707.9	674.6	639.3	601.2	553.8	497.8	445.6	398.6	352.9	307.0	260.7
-35°	687.6	657.4	624.4	586.1	535.5	482.2	431.8	386.1	341.8	297.2	251.6
-37.5°	666.5	638.3	608.1	568.2	515.8	465.0	417.6	373.2	329.8	286.7	241.8
-40°	645.9	618.7	589.5	545.4	495.3	446.3	402.2	359.6	317.2	275.5	231.2
-42.5°	625.1	597.9	564.3	521.0	473.3	428.0	385.6	345.1	304.0	262.9	220.0
-45°	602.2	574.1	537.3	494.9	450.1	408.4	368.8	329.7	290.0	249.2	208.4
-47.5°	577.6	546.7	509.6	468.2	427.3	388.1	351.2	313.1	275.1	234.8	196.7
-50°	550.3	518.1	480.6	441.0	402.7	368.0	332.5	295.5	258.3	219.8	184.6
-52.5°	518.9	487.1	449.6	412.1	378.5	347.2	311.9	277.0	240.8	205.2	172.1
-55°	484.1	452.2	416.1	383.3	353.2	323.4	290.4	256.9	222.7	190.3	159.1
-57.5°	444.7	413.5	382.7	353.8	325.6	297.6	267.8	236.2	204.9	174.8	145.7
-60°	404.2	375.8	348.7	322.3	296.3	271.0	244.4	215.1	186.5	158.9	131.9
-62.5°	361.7	337.1	313.1	289.5	266.8	244.1	220.5	193.7	167.6	142.8	117.9
-65°	319.7	298.4	276.7	257.3	237.2	216.7	195.6	171.8	149.0	126.3	103.9
-67.5°	278.4	260.4	242.6	225.2	207.3	188.9	170.0	150.4	130.2	109.6	90.7
-70°	238.1	222.9	208.1	192.7	176.9	161.0	146.0	129.3	111.0	94.2	77.2
-72.5°	199.2	186.9	173.6	160.0	147.8	135.1	122.2	108.2	93.5	78.6	63.5
-75°	162.4	151.7	140.8	129.9	119.6	109.2	99.6	88.6	75.8	62.8	51.7
-77.5°	126.7	117.9	108.7	101.2	94.2	86.6	78.2	68.8	58.6	49.3	40.5
-80°	94.1	88.5	82.6	76.7	70.6	64.0	57.4	50.6	43.1	35.9	29.1
-82.5°	65.3	61.1	56.7	52.2	47.5	42.7	37.8	32.7	27.4	22.3	19.3
-85°	36.4	33.6	30.7	27.7	24.6	21.4	19.7	18.1	16.4	14.6	12.9
-87.5°	14.5	13.8	13.0	12.3	11.5	10.7	9.9	9.0	8.2	7.3	6.4
-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: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
85°	11.1	9.3	7.4	5.6	3.7	1.9	0.0
82.5°	16.6	13.9	11.1	8.4	5.6	2.8	0.0
80°	22.5	18.4	14.8	11.1	7.4	3.7	0.0
77.5°	32.1	24.2	18.4	13.9	9.3	4.6	0.0
75°	41.6	32.1	22.5	16.6	11.1	5.5	0.0
72.5°	50.9	39.9	28.8	19.3	12.9	6.4	0.0
70°	60.5	47.6	35.0	22.3	14.6	7.3	0.0
67.5°	72.2	55.3	41.1	26.9	16.4	8.2	0.0
65°	83.7	63.8	47.1	31.4	18.1	9.0	0.0
62.5°	94.9	73.2	53.0	35.8	19.7	9.9	0.0
60°	106.0	82.4	58.7	40.1	21.4	10.7	0.0
57.5°	117.5	91.4	65.8	44.3	24.2	11.5	0.0
55°	128.9	100.1	72.8	48.4	26.9	12.3	0.0
52.5°	139.8	108.7	79.6	52.3	29.5	13.0	0.0
50°	150.2	117.3	86.2	56.2	32.1	13.8	0.0
47.5°	160.3	125.6	92.5	60.1	34.6	14.5	0.0
45°	170.2	133.5	98.6	64.7	36.9	15.1	0.0
42.5°	179.8	141.0	104.4	69.1	39.2	15.8	0.0
40°	188.8	148.0	110.0	73.2	41.4	16.4	0.0
37.5°	197.4	154.7	115.4	77.0	43.4	17.0	0.0
35°	205.5	161.2	120.4	80.6	45.4	17.5	0.0
32.5°	213.2	167.6	125.1	83.9	47.2	18.0	0.0
30°	220.5	173.4	129.4	87.0	48.9	18.5	0.0
27.5°	227.1	178.9	133.3	89.7	50.5	19.0	0.0
25°	233.1	183.8	136.9	92.2	51.9	19.4	0.0
22.5°	238.4	188.3	140.3	94.4	53.3	19.8	0.0
20°	243.1	192.2	143.3	96.3	54.5	20.1	0.0
17.5°	247.4	195.5	146.1	98.0	55.5	20.4	0.0
15°	251.3	198.3	148.5	99.3	56.4	20.7	0.0
12.5°	254.6	200.5	150.6	100.4	57.2	20.9	0.0
10°	257.5	202.2	152.3	101.3	57.9	21.1	0.0
7.5°	259.7	203.3	153.7	101.8	58.4	21.2	0.0
5°	261.4	203.9	154.7	102.1	58.7	21.3	0.0
2.5°	262.4	204.1	155.3	102.1	58.9	21.4	0.0
0°	262.7	203.7	155.5	101.9	59.0	21.4	0.0
-2.5°	262.4	204.1	155.3	102.1	58.9	21.4	0.0
-5°	261.4	203.9	154.7	102.1	58.7	21.3	0.0
-7.5°	259.7	203.3	153.7	101.8	58.4	21.2	0.0
-10°	257.5	202.2	152.3	101.3	57.9	21.1	0.0
-12.5°	254.6	200.5	150.6	100.4	57.2	20.9	0.0
-15°	251.3	198.3	148.5	99.3	56.4	20.7	0.0
-17.5°	247.4	195.5	146.1	98.0	55.5	20.4	0.0
-20°	243.1	192.2	143.3	96.3	54.5	20.1	0.0

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REPORT NUMBER: P627485 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	238.4	188.3	140.3	94.4	53.3	19.8	0.0
-25°	233.1	183.8	136.9	92.2	51.9	19.4	0.0
-27.5°	227.1	178.9	133.3	89.7	50.5	19.0	0.0
-30°	220.5	173.4	129.4	87.0	48.9	18.5	0.0
-32.5°	213.2	167.6	125.1	83.9	47.2	18.0	0.0
-35°	205.5	161.2	120.4	80.6	45.4	17.5	0.0
-37.5°	197.4	154.7	115.4	77.0	43.4	17.0	0.0
-40°	188.8	148.0	110.0	73.2	41.4	16.4	0.0
-42.5°	179.8	141.0	104.4	69.1	39.2	15.8	0.0
-45°	170.2	133.5	98.6	64.7	36.9	15.1	0.0
-47.5°	160.3	125.6	92.5	60.1	34.6	14.5	0.0
-50°	150.2	117.3	86.2	56.2	32.1	13.8	0.0
-52.5°	139.8	108.7	79.6	52.3	29.5	13.0	0.0
-55°	128.9	100.1	72.8	48.4	26.9	12.3	0.0
-57.5°	117.5	91.4	65.8	44.3	24.2	11.5	0.0
-60°	106.0	82.4	58.7	40.1	21.4	10.7	0.0
-62.5°	94.9	73.2	53.0	35.8	19.7	9.9	0.0
-65°	83.7	63.8	47.1	31.4	18.1	9.0	0.0
-67.5°	72.2	55.3	41.1	26.9	16.4	8.2	0.0
-70°	60.5	47.6	35.0	22.3	14.6	7.3	0.0
-72.5°	50.9	39.9	28.8	19.3	12.9	6.4	0.0
-75°	41.6	32.1	22.5	16.6	11.1	5.5	0.0
-77.5°	32.1	24.2	18.4	13.9	9.3	4.6	0.0
-80°	22.5	18.4	14.8	11.1	7.4	3.7	0.0
-82.5°	16.6	13.9	11.1	8.4	5.6	2.8	0.0
-85°	11.1	9.3	7.4	5.6	3.7	1.9	0.0
-87.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)