

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: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-740-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N100
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

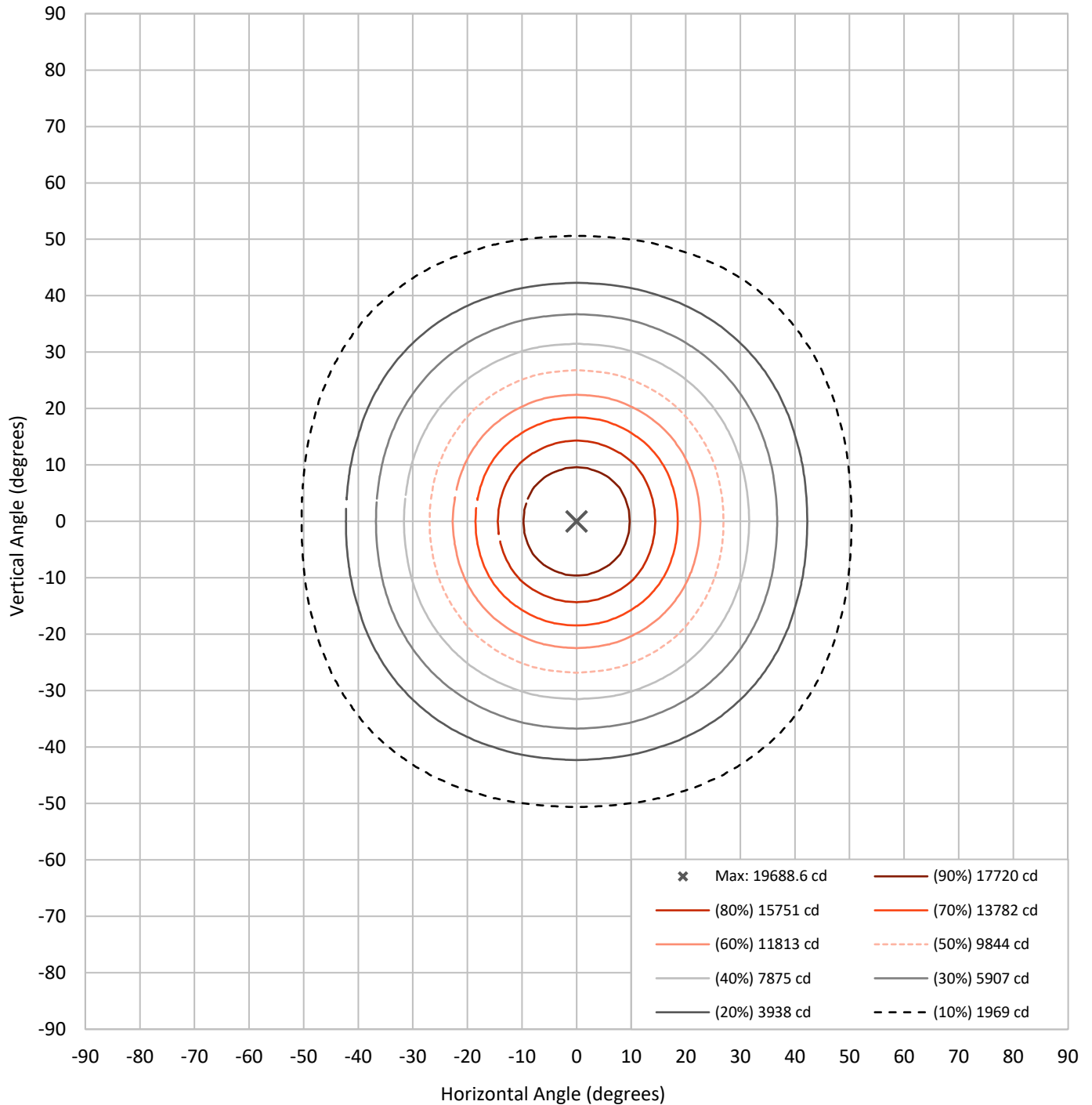
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20038.4 lumens	Max Intensity:	19688.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	154.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	9581.2 lumens	Field Lumens:	17684.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	129.5		
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





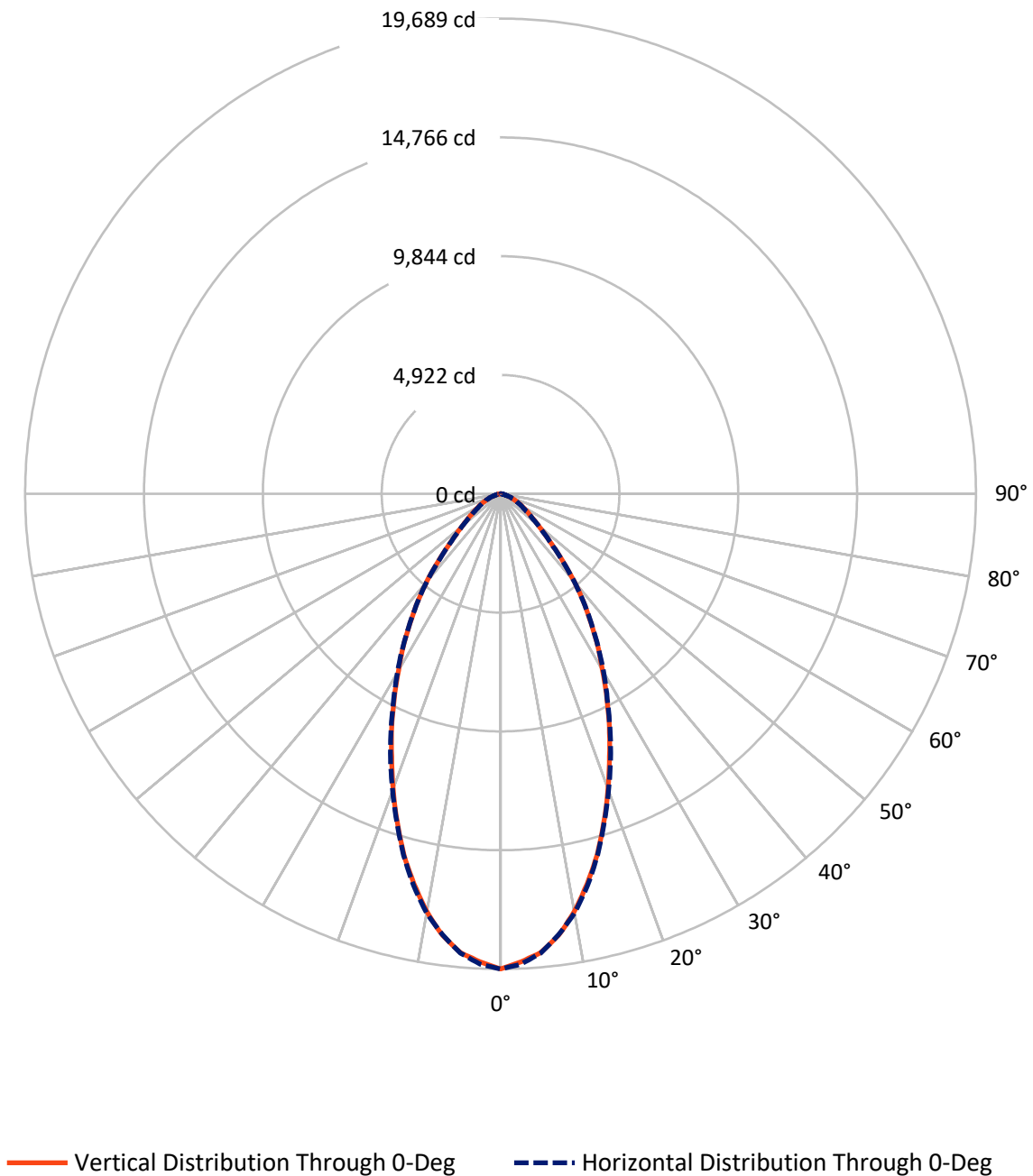
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Lumen Table

90																			
80	0.8	5.5		12.6		21.0		18.0		21.0		12.6		5.5		0.8			
70																			
60	2.6	3.0	5.7	9.2	13.4	17.3	20.4	21.8	21.8	20.4	17.3	13.4	9.2	5.7	3.0	2.6			
50		4.3	8.7	15.0	23.1	31.7	39.6	44.1	44.1	39.6	31.7	23.1	15.0	8.7	4.3				
40	3.8	5.5	12.0	22.4	37.8	58.2	80.2	94.9	94.9	80.2	58.2	37.8	22.4	12.0	5.5	3.8			
30		6.7	15.7	32.6	63.5	112.8	163.8	194.4	194.4	163.8	112.8	63.5	32.6	15.7	6.7				
20	4.5	7.8	19.6	45.7	102.7	184.6	264.1	315.7	315.7	264.1	184.6	102.7	45.7	19.6	7.8	4.5			
10		8.7	23.0	59.2	140.1	249.2	367.9	452.6	452.6	367.9	249.2	140.1	59.2	23.0	8.7				
0	4.8	9.1	24.9	68.0	161.3	289.7	440.9	554.5	554.5	440.9	289.7	161.3	68.0	24.9	9.1	4.8			
-10		9.1	24.9	68.0	161.3	289.7	440.9	554.5	554.5	440.9	289.7	161.3	68.0	24.9	9.1				
-20	4.5	8.7	23.0	59.2	140.1	249.2	367.9	452.6	452.6	367.9	249.2	140.1	59.2	23.0	8.7	4.5			
-30		7.8	19.6	45.7	102.7	184.6	264.1	315.7	315.7	264.1	184.6	102.7	45.7	19.6	7.8				
-40	3.8	6.7	15.7	32.6	63.5	112.8	163.8	194.4	194.4	163.8	112.8	63.5	32.6	15.7	6.7	3.8			
-50		5.5	12.0	22.4	37.8	58.2	80.2	94.9	94.9	80.2	58.2	37.8	22.4	12.0	5.5				
-60	2.6	4.3	8.7	15.0	23.1	31.7	39.6	44.1	44.1	39.6	31.7	23.1	15.0	8.7	4.3	2.6			
-70		3.0	5.7	9.2	13.4	17.3	20.4	21.8	21.8	20.4	17.3	13.4	9.2	5.7	3.0				
-80																			
-90	0.8	5.5		12.6		21.0		18.0		21.0		12.6		5.5		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

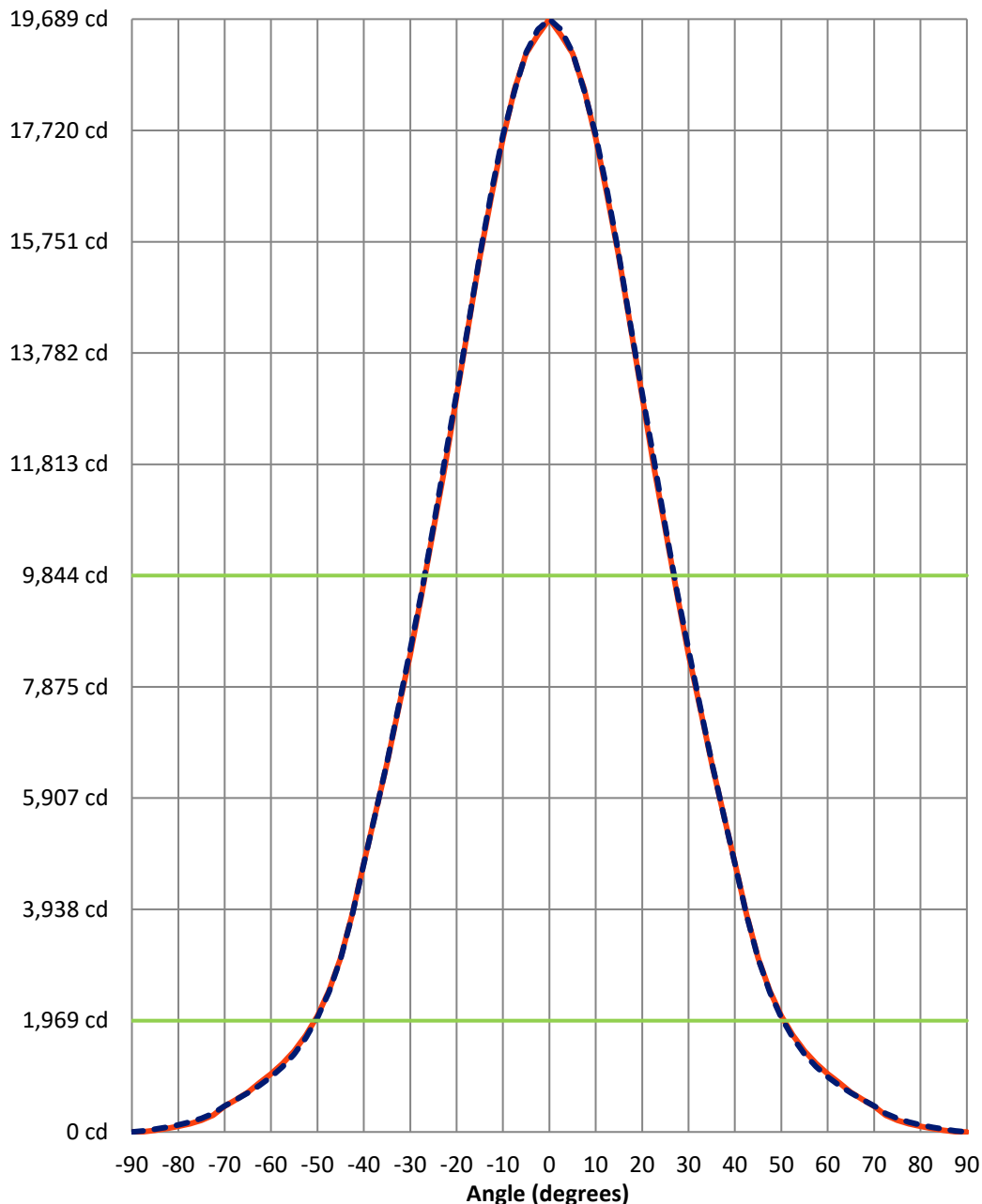
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 9581.2
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 17684.6
 Efficiency: 88.3%

Spill:
 Lumens: 2353.8
 Efficiency: 11.7%

- 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	1.0	2.3	3.8	5.4	7.3	9.4	10.4	11.2	11.8	12.3
85°	0.0	2.0	4.6	7.5	10.8	14.6	18.7	20.7	22.4	23.7	24.7
82.5°	0.0	3.0	6.9	11.2	16.2	21.8	27.9	31.1	34.3	39.7	44.5
80°	0.0	4.0	9.1	14.9	21.5	28.9	38.0	47.2	55.1	62.3	68.6
77.5°	0.0	4.9	11.3	18.6	26.8	37.6	54.2	66.1	76.0	84.9	93.8
75°	0.0	5.9	13.5	22.1	32.4	49.2	69.9	85.0	96.9	109.0	122.0
72.5°	0.0	6.9	15.7	25.7	40.2	60.4	85.2	103.5	117.8	133.3	149.7
70°	0.0	7.8	17.8	29.3	47.6	71.2	99.6	120.9	138.4	157.1	179.1
67.5°	0.0	8.7	19.8	33.9	54.8	81.4	112.2	138.0	158.6	181.8	208.2
65°	0.0	9.6	21.7	38.2	61.6	90.9	124.1	154.8	178.5	205.6	235.7
62.5°	0.0	10.4	23.6	42.4	68.0	99.5	135.4	170.6	197.6	228.4	261.3
60°	0.0	11.2	25.5	46.3	74.0	107.6	145.9	185.7	215.8	250.4	286.1
57.5°	0.0	12.0	27.7	49.9	79.5	115.2	155.5	199.2	234.2	271.7	309.0
55°	0.0	12.8	29.8	53.3	84.7	122.1	164.3	210.0	252.2	292.2	330.9
52.5°	0.0	13.5	31.8	56.3	89.5	128.5	172.4	221.8	269.5	311.6	352.3
50°	0.0	14.2	33.8	59.1	93.8	134.4	179.7	232.8	286.2	330.6	375.7
47.5°	0.0	14.9	35.7	61.6	97.7	139.7	186.5	242.9	302.7	349.1	398.8
45°	0.0	15.5	37.4	64.1	101.1	144.3	194.2	251.9	314.5	369.1	421.0
42.5°	0.0	16.1	39.1	66.4	104.0	148.4	201.0	260.7	325.3	388.3	444.1
40°	0.0	16.6	40.7	68.8	106.7	151.9	206.9	269.3	336.1	406.2	466.4
37.5°	0.0	17.1	42.1	71.3	109.0	154.7	212.0	277.1	347.8	420.3	487.6
35°	0.0	17.6	43.5	73.6	110.9	157.8	216.3	284.0	359.0	435.9	509.3
32.5°	0.0	18.0	44.7	75.7	112.4	160.8	220.2	290.1	369.7	451.7	531.5
30°	0.0	18.4	45.9	77.5	113.4	163.2	224.5	296.0	379.8	467.6	552.3
27.5°	0.0	18.7	46.9	79.2	115.9	164.8	228.0	303.3	390.3	483.6	571.9
25°	0.0	19.0	47.8	80.6	118.2	165.8	230.8	309.9	402.1	499.3	590.2
22.5°	0.0	19.2	48.5	81.9	120.3	167.1	232.7	315.6	413.4	513.6	610.1
20°	0.0	19.4	49.2	82.9	122.0	170.2	233.8	320.5	424.0	526.6	628.0
17.5°	0.0	19.6	49.7	83.7	123.5	172.6	236.5	324.5	433.8	538.0	643.7
15°	0.0	19.7	50.1	84.3	124.7	174.6	239.6	328.2	442.5	547.8	657.3
12.5°	0.0	19.8	50.4	84.7	125.5	176.0	241.9	331.6	450.0	556.0	668.5
10°	0.0	19.8	50.6	84.8	126.1	176.9	243.3	333.4	455.8	562.8	677.6
7.5°	0.0	19.8	50.7	84.8	126.4	177.3	243.9	333.8	459.8	568.1	684.7
5°	0.0	19.7	50.6	84.6	126.3	177.1	243.6	332.9	462.0	571.7	689.4
2.5°	0.0	19.6	50.4	84.1	125.9	176.5	242.6	330.6	462.3	573.5	691.7
0°	0.0	19.5	50.1	83.5	125.2	175.3	240.7	327.0	460.6	573.3	691.6
-2.5°	0.0	19.6	50.4	84.1	125.9	176.5	242.6	330.6	462.3	573.5	691.7
-5°	0.0	19.7	50.6	84.6	126.3	177.1	243.6	332.9	462.0	571.7	689.4
-7.5°	0.0	19.8	50.7	84.8	126.4	177.3	243.9	333.8	459.8	568.1	684.7
-10°	0.0	19.8	50.6	84.8	126.1	176.9	243.3	333.4	455.8	562.8	677.6
-12.5°	0.0	19.8	50.4	84.7	125.5	176.0	241.9	331.6	450.0	556.0	668.5
-15°	0.0	19.7	50.1	84.3	124.7	174.6	239.6	328.2	442.5	547.8	657.3
-17.5°	0.0	19.6	49.7	83.7	123.5	172.6	236.5	324.5	433.8	538.0	643.7
-20°	0.0	19.4	49.2	82.9	122.0	170.2	233.8	320.5	424.0	526.6	628.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.2	48.5	81.9	120.3	167.1	232.7	315.6	413.4	513.6	610.1
-25°	0.0	19.0	47.8	80.6	118.2	165.8	230.8	309.9	402.1	499.3	590.2
-27.5°	0.0	18.7	46.9	79.2	115.9	164.8	228.0	303.3	390.3	483.6	571.9
-30°	0.0	18.4	45.9	77.5	113.4	163.2	224.5	296.0	379.8	467.6	552.3
-32.5°	0.0	18.0	44.7	75.7	112.4	160.8	220.2	290.1	369.7	451.7	531.5
-35°	0.0	17.6	43.5	73.6	110.9	157.8	216.3	284.0	359.0	435.9	509.3
-37.5°	0.0	17.1	42.1	71.3	109.0	154.7	212.0	277.1	347.8	420.3	487.6
-40°	0.0	16.6	40.7	68.8	106.7	151.9	206.9	269.3	336.1	406.2	466.4
-42.5°	0.0	16.1	39.1	66.4	104.0	148.4	201.0	260.7	325.3	388.3	444.1
-45°	0.0	15.5	37.4	64.1	101.1	144.3	194.2	251.9	314.5	369.1	421.0
-47.5°	0.0	14.9	35.7	61.6	97.7	139.7	186.5	242.9	302.7	349.1	398.8
-50°	0.0	14.2	33.8	59.1	93.8	134.4	179.7	232.8	286.2	330.6	375.7
-52.5°	0.0	13.5	31.8	56.3	89.5	128.5	172.4	221.8	269.5	311.6	352.3
-55°	0.0	12.8	29.8	53.3	84.7	122.1	164.3	210.0	252.2	292.2	330.9
-57.5°	0.0	12.0	27.7	49.9	79.5	115.2	155.5	199.2	234.2	271.7	309.0
-60°	0.0	11.2	25.5	46.3	74.0	107.6	145.9	185.7	215.8	250.4	286.1
-62.5°	0.0	10.4	23.6	42.4	68.0	99.5	135.4	170.6	197.6	228.4	261.3
-65°	0.0	9.6	21.7	38.2	61.6	90.9	124.1	154.8	178.5	205.6	235.7
-67.5°	0.0	8.7	19.8	33.9	54.8	81.4	112.2	138.0	158.6	181.8	208.2
-70°	0.0	7.8	17.8	29.3	47.6	71.2	99.6	120.9	138.4	157.1	179.1
-72.5°	0.0	6.9	15.7	25.7	40.2	60.4	85.2	103.5	117.8	133.3	149.7
-75°	0.0	5.9	13.5	22.1	32.4	49.2	69.9	85.0	96.9	109.0	122.0
-77.5°	0.0	4.9	11.3	18.6	26.8	37.6	54.2	66.1	76.0	84.9	93.8
-80°	0.0	4.0	9.1	14.9	21.5	28.9	38.0	47.2	55.1	62.3	68.6
-82.5°	0.0	3.0	6.9	11.2	16.2	21.8	27.9	31.1	34.3	39.7	44.5
-85°	0.0	2.0	4.6	7.5	10.8	14.6	18.7	20.7	22.4	23.7	24.7
-87.5°	0.0	1.0	2.3	3.8	5.4	7.3	9.4	10.4	11.2	11.8	12.3
-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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CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

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°	12.5	12.5	12.4	12.0	11.5	10.7	9.9	8.9	9.2	9.6	9.9
85°	25.1	25.1	27.2	29.1	30.0	30.1	29.5	28.2	31.9	36.1	40.6
82.5°	49.0	53.2	57.2	61.0	61.4	60.4	58.6	56.4	63.8	72.8	82.2
80°	75.1	81.3	88.6	95.3	96.9	96.2	94.1	90.7	100.5	114.4	129.4
77.5°	104.2	114.2	123.4	131.9	134.4	134.0	132.5	129.8	142.2	161.5	181.4
75°	135.0	147.0	158.9	169.4	173.8	174.2	173.7	176.7	193.1	215.6	235.5
72.5°	167.0	182.3	195.7	207.3	214.5	220.0	227.3	236.2	252.8	274.9	294.4
70°	200.8	217.8	232.0	244.8	255.8	267.8	283.3	298.5	316.0	338.1	358.3
67.5°	234.2	251.5	267.5	283.2	303.3	322.6	341.8	361.7	383.8	406.9	427.4
65°	265.2	284.7	304.2	327.1	353.2	375.1	398.7	424.7	453.5	479.6	503.4
62.5°	294.9	316.9	341.1	368.7	397.0	424.4	456.1	489.4	523.2	555.9	588.3
60°	320.0	347.4	376.7	407.9	440.7	477.8	515.0	554.7	595.0	634.3	674.5
57.5°	344.1	378.0	411.8	448.2	488.9	531.4	576.0	620.7	668.9	716.6	762.1
55°	369.1	409.0	447.6	490.6	537.3	587.3	637.7	691.8	745.0	805.1	860.4
52.5°	395.9	439.3	484.6	533.9	588.4	644.7	703.8	765.9	832.2	898.9	966.5
50°	422.0	470.9	521.3	580.3	641.2	705.6	773.8	846.2	923.4	1000.6	1082.4
47.5°	449.2	501.5	563.0	627.1	696.9	770.2	847.5	933.5	1019.3	1116.5	1210.4
45°	476.2	536.2	603.0	677.4	754.1	836.6	928.5	1023.1	1132.5	1242.3	1365.6
42.5°	502.0	571.3	646.6	726.2	813.4	908.3	1010.0	1128.9	1252.3	1388.2	1532.9
40°	531.7	604.8	689.7	778.5	873.1	981.5	1103.9	1235.9	1386.4	1547.4	1711.9
37.5°	560.5	642.6	732.1	828.5	938.3	1060.4	1195.5	1357.3	1531.0	1714.0	1937.7
35°	587.5	678.5	775.8	881.4	1000.3	1141.8	1303.4	1482.2	1682.3	1918.4	2179.4
32.5°	616.1	712.6	817.0	935.6	1070.1	1224.7	1408.3	1618.7	1855.5	2124.3	2451.0
30°	645.0	747.6	858.0	986.2	1136.0	1314.8	1523.4	1755.9	2028.5	2365.6	2749.1
27.5°	671.7	780.4	901.3	1039.9	1200.0	1397.9	1634.0	1906.7	2227.7	2608.7	3056.6
25°	696.3	810.2	941.0	1091.1	1270.6	1487.7	1743.7	2045.6	2427.1	2881.4	3432.4
22.5°	719.7	837.4	977.0	1137.2	1334.2	1574.5	1862.7	2208.2	2629.9	3139.7	3800.6
20°	741.6	866.7	1012.7	1181.2	1391.1	1652.9	1972.1	2359.9	2839.8	3443.4	4161.5
17.5°	760.9	892.6	1046.5	1228.8	1454.4	1732.7	2075.3	2493.9	3026.7	3714.5	4494.6
15°	777.5	915.0	1075.7	1270.0	1511.5	1811.9	2183.6	2640.8	3221.6	3961.1	4787.1
12.5°	791.3	933.6	1100.3	1304.6	1559.4	1878.9	2276.1	2771.7	3411.4	4193.4	5043.8
10°	802.3	948.6	1120.0	1332.7	1598.0	1933.2	2352.3	2878.8	3569.4	4392.5	5261.1
7.5°	811.5	960.4	1135.2	1353.9	1627.3	1974.8	2411.6	2961.5	3692.9	4550.2	5427.7
5°	818.0	968.8	1146.7	1368.7	1648.7	2003.8	2453.1	3019.3	3780.7	4664.4	5541.7
2.5°	821.7	973.4	1153.4	1376.6	1661.9	2020.2	2474.9	3055.6	3829.0	4729.6	5610.6
0°	822.4	974.1	1155.0	1377.6	1665.7	2023.3	2478.3	3066.9	3839.2	4746.5	5635.7
-2.5°	821.7	973.4	1153.4	1376.6	1661.9	2020.2	2474.9	3055.6	3829.0	4729.6	5610.6
-5°	818.0	968.8	1146.7	1368.7	1648.7	2003.8	2453.1	3019.3	3780.7	4664.4	5541.7
-7.5°	811.5	960.4	1135.2	1353.9	1627.3	1974.8	2411.6	2961.5	3692.9	4550.2	5427.7
-10°	802.3	948.6	1120.0	1332.7	1598.0	1933.2	2352.3	2878.8	3569.4	4392.5	5261.1
-12.5°	791.3	933.6	1100.3	1304.6	1559.4	1878.9	2276.1	2771.7	3411.4	4193.4	5043.8
-15°	777.5	915.0	1075.7	1270.0	1511.5	1811.9	2183.6	2640.8	3221.6	3961.1	4787.1
-17.5°	760.9	892.6	1046.5	1228.8	1454.4	1732.7	2075.3	2493.9	3026.7	3714.5	4494.6
-20°	741.6	866.7	1012.7	1181.2	1391.1	1652.9	1972.1	2359.9	2839.8	3443.4	4161.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	719.7	837.4	977.0	1137.2	1334.2	1574.5	1862.7	2208.2	2629.9	3139.7	3800.6
-25°	696.3	810.2	941.0	1091.1	1270.6	1487.7	1743.7	2045.6	2427.1	2881.4	3432.4
-27.5°	671.7	780.4	901.3	1039.9	1200.0	1397.9	1634.0	1906.7	2227.7	2608.7	3056.6
-30°	645.0	747.6	858.0	986.2	1136.0	1314.8	1523.4	1755.9	2028.5	2365.6	2749.1
-32.5°	616.1	712.6	817.0	935.6	1070.1	1224.7	1408.3	1618.7	1855.5	2124.3	2451.0
-35°	587.5	678.5	775.8	881.4	1000.3	1141.8	1303.4	1482.2	1682.3	1918.4	2179.4
-37.5°	560.5	642.6	732.1	828.5	938.3	1060.4	1195.5	1357.3	1531.0	1714.0	1937.7
-40°	531.7	604.8	689.7	778.5	873.1	981.5	1103.9	1235.9	1386.4	1547.4	1711.9
-42.5°	502.0	571.3	646.6	726.2	813.4	908.3	1010.0	1128.9	1252.3	1388.2	1532.9
-45°	476.2	536.2	603.0	677.4	754.1	836.6	928.5	1023.1	1132.5	1242.3	1365.6
-47.5°	449.2	501.5	563.0	627.1	696.9	770.2	847.5	933.5	1019.3	1116.5	1210.4
-50°	422.0	470.9	521.3	580.3	641.2	705.6	773.8	846.2	923.4	1000.6	1082.4
-52.5°	395.9	439.3	484.6	533.9	588.4	644.7	703.8	765.9	832.2	898.9	966.5
-55°	369.1	409.0	447.6	490.6	537.3	587.3	637.7	691.8	745.0	805.1	860.4
-57.5°	344.1	378.0	411.8	448.2	488.9	531.4	576.0	620.7	668.9	716.6	762.1
-60°	320.0	347.4	376.7	407.9	440.7	477.8	515.0	554.7	595.0	634.3	674.5
-62.5°	294.9	316.9	341.1	368.7	397.0	424.4	456.1	489.4	523.2	555.9	588.3
-65°	265.2	284.7	304.2	327.1	353.2	375.1	398.7	424.7	453.5	479.6	503.4
-67.5°	234.2	251.5	267.5	283.2	303.3	322.6	341.8	361.7	383.8	406.9	427.4
-70°	200.8	217.8	232.0	244.8	255.8	267.8	283.3	298.5	316.0	338.1	358.3
-72.5°	167.0	182.3	195.7	207.3	214.5	220.0	227.3	236.2	252.8	274.9	294.4
-75°	135.0	147.0	158.9	169.4	173.8	174.2	173.7	176.7	193.1	215.6	235.5
-77.5°	104.2	114.2	123.4	131.9	134.4	134.0	132.5	129.8	142.2	161.5	181.4
-80°	75.1	81.3	88.6	95.3	96.9	96.2	94.1	90.7	100.5	114.4	129.4
-82.5°	49.0	53.2	57.2	61.0	61.4	60.4	58.6	56.4	63.8	72.8	82.2
-85°	25.1	25.1	27.2	29.1	30.0	30.1	29.5	28.2	31.9	36.1	40.6
-87.5°	12.5	12.5	12.4	12.0	11.5	10.7	9.9	8.9	9.2	9.6	9.9
-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: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-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°	10.2	10.0	9.6	9.2	8.8	8.6	8.5	8.3	8.0	7.4	6.8
85°	45.2	46.3	46.8	47.1	47.1	48.6	50.1	51.3	52.5	47.5	42.1
82.5°	92.0	96.3	100.1	103.9	107.6	110.2	112.1	113.5	114.5	103.6	91.4
80°	144.8	153.9	161.4	168.6	175.5	177.2	177.2	176.2	174.3	159.5	142.7
77.5°	201.5	213.3	222.8	232.1	241.3	244.7	246.3	247.6	248.4	230.1	207.5
75°	252.8	266.9	280.1	292.4	303.7	309.7	313.2	316.1	318.4	299.9	275.7
72.5°	311.3	326.3	340.6	354.2	366.2	374.1	379.3	383.5	386.8	376.3	361.2
70°	375.7	391.2	406.3	420.4	434.0	444.7	453.0	460.3	466.3	467.4	466.9
67.5°	447.2	465.5	483.4	498.8	514.9	530.0	543.2	554.3	563.1	568.9	572.1
65°	527.4	554.9	579.4	600.2	617.6	637.7	655.5	669.0	678.6	685.8	692.0
62.5°	621.9	655.3	683.3	711.0	739.6	767.4	784.7	802.2	819.2	835.2	849.0
60°	712.9	749.5	787.5	822.8	855.6	885.7	916.9	944.5	968.6	988.9	1003.9
57.5°	809.9	854.4	897.6	942.5	984.8	1024.2	1062.7	1098.2	1128.9	1154.7	1175.9
55°	915.1	969.6	1020.9	1077.9	1133.2	1183.6	1230.0	1277.5	1320.3	1358.0	1388.0
52.5°	1028.6	1099.5	1167.4	1234.3	1305.9	1370.5	1428.4	1494.3	1552.8	1601.1	1638.7
50°	1164.1	1247.4	1337.0	1419.9	1510.2	1599.2	1681.2	1760.7	1838.4	1905.6	1960.0
47.5°	1318.4	1420.8	1531.9	1641.8	1754.0	1875.6	1984.1	2085.0	2193.6	2287.9	2363.6
45°	1489.8	1620.4	1754.6	1909.1	2051.6	2207.8	2352.4	2482.3	2636.3	2772.1	2881.3
42.5°	1680.0	1854.0	2030.5	2225.2	2414.1	2612.5	2823.1	3010.0	3214.4	3409.2	3566.6
40°	1915.8	2123.8	2360.1	2595.8	2866.9	3121.7	3428.6	3707.5	3960.8	4193.1	4383.5
37.5°	2177.9	2445.6	2742.4	3049.4	3420.4	3784.1	4143.4	4482.6	4782.1	5036.3	5249.6
35°	2475.3	2815.6	3175.1	3623.2	4057.9	4493.5	4899.4	5270.1	5595.8	5882.6	6126.6
32.5°	2817.5	3225.9	3729.1	4232.6	4728.5	5208.1	5653.6	6057.9	6415.1	6737.2	7017.7
30°	3177.2	3734.4	4299.3	4851.6	5393.1	5918.5	6407.4	6852.8	7256.4	7615.0	7938.1
27.5°	3634.4	4251.8	4867.7	5463.1	6058.9	6633.9	7163.8	7658.6	8121.7	8526.9	8896.3
25°	4076.5	4758.7	5413.4	6062.5	6711.1	7328.4	7920.9	8479.7	9010.1	9475.2	9887.6
22.5°	4518.6	5232.6	5932.2	6630.2	7327.0	8015.1	8680.4	9320.6	9913.8	10443.4	10907.6
20°	4928.1	5674.4	6422.6	7175.1	7930.3	8683.5	9430.8	10151.3	10812.1	11423.6	11960.9
17.5°	5295.1	6088.9	6882.2	7687.0	8505.7	9323.5	10153.6	10961.3	11716.8	12412.5	13035.8
15°	5620.2	6448.5	7300.4	8169.0	9048.1	9936.2	10842.0	11745.6	12596.1	13386.3	14082.2
12.5°	5904.4	6765.5	7658.4	8581.3	9535.5	10503.0	11491.5	12482.0	13423.5	14335.8	15087.3
10°	6138.9	7035.2	7968.5	8938.2	9944.3	10985.7	12046.2	13112.5	14149.7	15117.5	15976.8
7.5°	6320.1	7249.9	8211.6	9220.1	10275.8	11373.9	12497.3	13628.8	14735.8	15778.6	16729.3
5°	6447.9	7406.2	8379.9	9429.0	10521.4	11659.3	12826.9	14006.1	15163.3	16259.7	17245.1
2.5°	6522.0	7500.0	8477.9	9556.0	10667.4	11832.0	13031.3	14229.9	15417.6	16554.8	17567.3
0°	6541.5	7528.1	8534.2	9569.5	10713.3	11912.8	13069.2	14271.5	15505.7	16627.3	17636.2
-2.5°	6522.0	7500.0	8477.9	9556.0	10667.4	11832.0	13031.3	14229.9	15417.6	16554.8	17567.3
-5°	6447.9	7406.2	8379.9	9429.0	10521.4	11659.3	12826.9	14006.1	15163.3	16259.7	17245.1
-7.5°	6320.1	7249.9	8211.6	9220.1	10275.8	11373.9	12497.3	13628.8	14735.8	15778.6	16729.3
-10°	6138.9	7035.2	7968.5	8938.2	9944.3	10985.7	12046.2	13112.5	14149.7	15117.5	15976.8
-12.5°	5904.4	6765.5	7658.4	8581.3	9535.5	10503.0	11491.5	12482.0	13423.5	14335.8	15087.3
-15°	5620.2	6448.5	7300.4	8169.0	9048.1	9936.2	10842.0	11745.6	12596.1	13386.3	14082.2
-17.5°	5295.1	6088.9	6882.2	7687.0	8505.7	9323.5	10153.6	10961.3	11716.8	12412.5	13035.8
-20°	4928.1	5674.4	6422.6	7175.1	7930.3	8683.5	9430.8	10151.3	10812.1	11423.6	11960.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4518.6	5232.6	5932.2	6630.2	7327.0	8015.1	8680.4	9320.6	9913.8	10443.4	10907.6
-25°	4076.5	4758.7	5413.4	6062.5	6711.1	7328.4	7920.9	8479.7	9010.1	9475.2	9887.6
-27.5°	3634.4	4251.8	4867.7	5463.1	6058.9	6633.9	7163.8	7658.6	8121.7	8526.9	8896.3
-30°	3177.2	3734.4	4299.3	4851.6	5393.1	5918.5	6407.4	6852.8	7256.4	7615.0	7938.1
-32.5°	2817.5	3225.9	3729.1	4232.6	4728.5	5208.1	5653.6	6057.9	6415.1	6737.2	7017.7
-35°	2475.3	2815.6	3175.1	3623.2	4057.9	4493.5	4899.4	5270.1	5595.8	5882.6	6126.6
-37.5°	2177.9	2445.6	2742.4	3049.4	3420.4	3784.1	4143.4	4482.6	4782.1	5036.3	5249.6
-40°	1915.8	2123.8	2360.1	2595.8	2866.9	3121.7	3428.6	3707.5	3960.8	4193.1	4383.5
-42.5°	1680.0	1854.0	2030.5	2225.2	2414.1	2612.5	2823.1	3010.0	3214.4	3409.2	3566.6
-45°	1489.8	1620.4	1754.6	1909.1	2051.6	2207.8	2352.4	2482.3	2636.3	2772.1	2881.3
-47.5°	1318.4	1420.8	1531.9	1641.8	1754.0	1875.6	1984.1	2085.0	2193.6	2287.9	2363.6
-50°	1164.1	1247.4	1337.0	1419.9	1510.2	1599.2	1681.2	1760.7	1838.4	1905.6	1960.0
-52.5°	1028.6	1099.5	1167.4	1234.3	1305.9	1370.5	1428.4	1494.3	1552.8	1601.1	1638.7
-55°	915.1	969.6	1020.9	1077.9	1133.2	1183.6	1230.0	1277.5	1320.3	1358.0	1388.0
-57.5°	809.9	854.4	897.6	942.5	984.8	1024.2	1062.7	1098.2	1128.9	1154.7	1175.9
-60°	712.9	749.5	787.5	822.8	855.6	885.7	916.9	944.5	968.6	988.9	1003.9
-62.5°	621.9	655.3	683.3	711.0	739.6	767.4	784.7	802.2	819.2	835.2	849.0
-65°	527.4	554.9	579.4	600.2	617.6	637.7	655.5	669.0	678.6	685.8	692.0
-67.5°	447.2	465.5	483.4	498.8	514.9	530.0	543.2	554.3	563.1	568.9	572.1
-70°	375.7	391.2	406.3	420.4	434.0	444.7	453.0	460.3	466.3	467.4	466.9
-72.5°	311.3	326.3	340.6	354.2	366.2	374.1	379.3	383.5	386.8	376.3	361.2
-75°	252.8	266.9	280.1	292.4	303.7	309.7	313.2	316.1	318.4	299.9	275.7
-77.5°	201.5	213.3	222.8	232.1	241.3	244.7	246.3	247.6	248.4	230.1	207.5
-80°	144.8	153.9	161.4	168.6	175.5	177.2	177.2	176.2	174.3	159.5	142.7
-82.5°	92.0	96.3	100.1	103.9	107.6	110.2	112.1	113.5	114.5	103.6	91.4
-85°	45.2	46.3	46.8	47.1	47.1	48.6	50.1	51.3	52.5	47.5	42.1
-87.5°	10.2	10.0	9.6	9.2	8.8	8.6	8.5	8.3	8.0	7.4	6.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-WR-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°	6.2	5.6	4.9	4.2	4.9	5.6	6.2	6.8	7.4	8.0	8.3
85°	36.4	30.5	29.9	29.2	29.9	30.5	36.4	42.1	47.5	52.5	51.3
82.5°	78.6	65.2	63.2	61.2	63.2	65.2	78.6	91.4	103.6	114.5	113.5
80°	125.1	107.0	103.5	100.2	103.5	107.0	125.1	142.7	159.5	174.3	176.2
77.5°	183.6	158.8	151.6	144.7	151.6	158.8	183.6	207.5	230.1	248.4	247.6
75°	250.5	224.4	215.6	207.3	215.6	224.4	250.5	275.7	299.9	318.4	316.1
72.5°	345.9	330.0	314.0	296.4	314.0	330.0	345.9	361.2	376.3	386.8	383.5
70°	466.4	465.2	461.2	455.0	461.2	465.2	466.4	466.9	467.4	466.3	460.3
67.5°	573.5	573.0	574.4	574.7	574.4	573.0	573.5	572.1	568.9	563.1	554.3
65°	695.8	697.1	700.0	701.3	700.0	697.1	695.8	692.0	685.8	678.6	669.0
62.5°	859.5	866.6	870.1	869.7	870.1	866.6	859.5	849.0	835.2	819.2	802.2
60°	1015.1	1022.5	1027.1	1028.3	1027.1	1022.5	1015.1	1003.9	988.9	968.6	944.5
57.5°	1192.6	1204.7	1211.1	1212.0	1211.1	1204.7	1192.6	1175.9	1154.7	1128.9	1098.2
55°	1410.9	1426.9	1434.1	1433.3	1434.1	1426.9	1410.9	1388.0	1358.0	1320.3	1277.5
52.5°	1667.2	1686.7	1701.3	1710.2	1701.3	1686.7	1667.2	1638.7	1601.1	1552.8	1494.3
50°	2000.8	2028.8	2046.6	2053.9	2046.6	2028.8	2000.8	1960.0	1905.6	1838.4	1760.7
47.5°	2418.3	2455.4	2482.9	2502.0	2482.9	2455.4	2418.3	2363.6	2287.9	2193.6	2085.0
45°	2962.1	3018.6	3057.0	3079.4	3057.0	3018.6	2962.1	2881.3	2772.1	2636.3	2482.3
42.5°	3689.6	3777.4	3831.1	3851.7	3831.1	3777.4	3689.6	3566.6	3409.2	3214.4	3010.0
40°	4533.9	4639.3	4708.4	4756.2	4708.4	4639.3	4533.9	4383.5	4193.1	3960.8	3707.5
37.5°	5413.3	5524.0	5591.3	5637.1	5591.3	5524.0	5413.3	5249.6	5036.3	4782.1	4482.6
35°	6310.4	6426.3	6489.5	6524.8	6489.5	6426.3	6310.4	6126.6	5882.6	5595.8	5270.1
32.5°	7231.5	7359.2	7427.9	7498.9	7427.9	7359.2	7231.5	7017.7	6737.2	6415.1	6057.9
30°	8193.4	8340.0	8411.9	8446.5	8411.9	8340.0	8193.4	7938.1	7615.0	7256.4	6852.8
27.5°	9194.4	9377.1	9467.1	9526.4	9467.1	9377.1	9194.4	8896.3	8526.9	8121.7	7658.6
25°	10236.0	10462.4	10565.5	10657.7	10565.5	10462.4	10236.0	9887.6	9475.2	9010.1	8479.7
22.5°	11316.6	11598.5	11717.9	11783.4	11717.9	11598.5	11316.6	10907.6	10443.4	9913.8	9320.6
20°	12425.5	12762.3	12928.2	13013.5	12928.2	12762.3	12425.5	11960.9	11423.6	10812.1	10151.3
17.5°	13559.4	13978.4	14192.9	14242.2	14192.9	13978.4	13559.4	13035.8	12412.5	11716.8	10961.3
15°	14672.5	15125.7	15379.4	15472.3	15379.4	15125.7	14672.5	14082.2	13386.3	12596.1	11745.6
12.5°	15726.7	16196.4	16499.6	16553.5	16499.6	16196.4	15726.7	15087.3	14335.8	13423.5	12482.0
10°	16682.8	17169.4	17504.2	17580.5	17504.2	17169.4	16682.8	15976.8	15117.5	14149.7	13112.5
7.5°	17482.0	18016.0	18385.8	18450.2	18385.8	18016.0	17482.0	16729.3	15778.6	14735.8	13628.8
5°	18066.9	18700.7	19004.3	19080.6	19004.3	18700.7	18066.9	17245.1	16259.7	15163.3	14006.1
2.5°	18387.7	19032.9	19454.9	19406.2	19454.9	19032.9	18387.7	17567.3	16554.8	15417.6	14229.9
0°	18423.8	19098.6	19502.2	19688.6	19502.2	19098.6	18423.8	17636.2	16627.3	15505.7	14271.5
-2.5°	18387.7	19032.9	19454.9	19406.2	19454.9	19032.9	18387.7	17567.3	16554.8	15417.6	14229.9
-5°	18066.9	18700.7	19004.3	19080.6	19004.3	18700.7	18066.9	17245.1	16259.7	15163.3	14006.1
-7.5°	17482.0	18016.0	18385.8	18450.2	18385.8	18016.0	17482.0	16729.3	15778.6	14735.8	13628.8
-10°	16682.8	17169.4	17504.2	17580.5	17504.2	17169.4	16682.8	15976.8	15117.5	14149.7	13112.5
-12.5°	15726.7	16196.4	16499.6	16553.5	16499.6	16196.4	15726.7	15087.3	14335.8	13423.5	12482.0
-15°	14672.5	15125.7	15379.4	15472.3	15379.4	15125.7	14672.5	14082.2	13386.3	12596.1	11745.6
-17.5°	13559.4	13978.4	14192.9	14242.2	14192.9	13978.4	13559.4	13035.8	12412.5	11716.8	10961.3
-20°	12425.5	12762.3	12928.2	13013.5	12928.2	12762.3	12425.5	11960.9	11423.6	10812.1	10151.3



REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11316.6	11598.5	11717.9	11783.4	11717.9	11598.5	11316.6	10907.6	10443.4	9913.8	9320.6
-25°	10236.0	10462.4	10565.5	10657.7	10565.5	10462.4	10236.0	9887.6	9475.2	9010.1	8479.7
-27.5°	9194.4	9377.1	9467.1	9526.4	9467.1	9377.1	9194.4	8896.3	8526.9	8121.7	7658.6
-30°	8193.4	8340.0	8411.9	8446.5	8411.9	8340.0	8193.4	7938.1	7615.0	7256.4	6852.8
-32.5°	7231.5	7359.2	7427.9	7498.9	7427.9	7359.2	7231.5	7017.7	6737.2	6415.1	6057.9
-35°	6310.4	6426.3	6489.5	6524.8	6489.5	6426.3	6310.4	6126.6	5882.6	5595.8	5270.1
-37.5°	5413.3	5524.0	5591.3	5637.1	5591.3	5524.0	5413.3	5249.6	5036.3	4782.1	4482.6
-40°	4533.9	4639.3	4708.4	4756.2	4708.4	4639.3	4533.9	4383.5	4193.1	3960.8	3707.5
-42.5°	3689.6	3777.4	3831.1	3851.7	3831.1	3777.4	3689.6	3566.6	3409.2	3214.4	3010.0
-45°	2962.1	3018.6	3057.0	3079.4	3057.0	3018.6	2962.1	2881.3	2772.1	2636.3	2482.3
-47.5°	2418.3	2455.4	2482.9	2502.0	2482.9	2455.4	2418.3	2363.6	2287.9	2193.6	2085.0
-50°	2000.8	2028.8	2046.6	2053.9	2046.6	2028.8	2000.8	1960.0	1905.6	1838.4	1760.7
-52.5°	1667.2	1686.7	1701.3	1710.2	1701.3	1686.7	1667.2	1638.7	1601.1	1552.8	1494.3
-55°	1410.9	1426.9	1434.1	1433.3	1434.1	1426.9	1410.9	1388.0	1358.0	1320.3	1277.5
-57.5°	1192.6	1204.7	1211.1	1212.0	1211.1	1204.7	1192.6	1175.9	1154.7	1128.9	1098.2
-60°	1015.1	1022.5	1027.1	1028.3	1027.1	1022.5	1015.1	1003.9	988.9	968.6	944.5
-62.5°	859.5	866.6	870.1	869.7	870.1	866.6	859.5	849.0	835.2	819.2	802.2
-65°	695.8	697.1	700.0	701.3	700.0	697.1	695.8	692.0	685.8	678.6	669.0
-67.5°	573.5	573.0	574.4	574.7	574.4	573.0	573.5	572.1	568.9	563.1	554.3
-70°	466.4	465.2	461.2	455.0	461.2	465.2	466.4	466.9	467.4	466.3	460.3
-72.5°	345.9	330.0	314.0	296.4	314.0	330.0	345.9	361.2	376.3	386.8	383.5
-75°	250.5	224.4	215.6	207.3	215.6	224.4	250.5	275.7	299.9	318.4	316.1
-77.5°	183.6	158.8	151.6	144.7	151.6	158.8	183.6	207.5	230.1	248.4	247.6
-80°	125.1	107.0	103.5	100.2	103.5	107.0	125.1	142.7	159.5	174.3	176.2
-82.5°	78.6	65.2	63.2	61.2	63.2	65.2	78.6	91.4	103.6	114.5	113.5
-85°	36.4	30.5	29.9	29.2	29.9	30.5	36.4	42.1	47.5	52.5	51.3
-87.5°	6.2	5.6	4.9	4.2	4.9	5.6	6.2	6.8	7.4	8.0	8.3
-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: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-WR-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°	8.5	8.6	8.8	9.2	9.6	10.0	10.2	9.9	9.6	9.2	8.9
85°	50.1	48.6	47.1	47.1	46.8	46.3	45.2	40.6	36.1	31.9	28.2
82.5°	112.1	110.2	107.6	103.9	100.1	96.3	92.0	82.2	72.8	63.8	56.4
80°	177.2	177.2	175.5	168.6	161.4	153.9	144.8	129.4	114.4	100.5	90.7
77.5°	246.3	244.7	241.3	232.1	222.8	213.3	201.5	181.4	161.5	142.2	129.8
75°	313.2	309.7	303.7	292.4	280.1	266.9	252.8	235.5	215.6	193.1	176.7
72.5°	379.3	374.1	366.2	354.2	340.6	326.3	311.3	294.4	274.9	252.8	236.2
70°	453.0	444.7	434.0	420.4	406.3	391.2	375.7	358.3	338.1	316.0	298.5
67.5°	543.2	530.0	514.9	498.8	483.4	465.5	447.2	427.4	406.9	383.8	361.7
65°	655.5	637.7	617.6	600.2	579.4	554.9	527.4	503.4	479.6	453.5	424.7
62.5°	784.7	767.4	739.6	711.0	683.3	655.3	621.9	588.3	555.9	523.2	489.4
60°	916.9	885.7	855.6	822.8	787.5	749.5	712.9	674.5	634.3	595.0	554.7
57.5°	1062.7	1024.2	984.8	942.5	897.6	854.4	809.9	762.1	716.6	668.9	620.7
55°	1230.0	1183.6	1133.2	1077.9	1020.9	969.6	915.1	860.4	805.1	745.0	691.8
52.5°	1428.4	1370.5	1305.9	1234.3	1167.4	1099.5	1028.6	966.5	898.9	832.2	765.9
50°	1681.2	1599.2	1510.2	1419.9	1337.0	1247.4	1164.1	1082.4	1000.6	923.4	846.2
47.5°	1984.1	1875.6	1754.0	1641.8	1531.9	1420.8	1318.4	1210.4	1116.5	1019.3	933.5
45°	2352.4	2207.8	2051.6	1909.1	1754.6	1620.4	1489.8	1365.6	1242.3	1132.5	1023.1
42.5°	2823.1	2612.5	2414.1	2225.2	2030.5	1854.0	1680.0	1532.9	1388.2	1252.3	1128.9
40°	3428.6	3121.7	2866.9	2595.8	2360.1	2123.8	1915.8	1711.9	1547.4	1386.4	1235.9
37.5°	4143.4	3784.1	3420.4	3049.4	2742.4	2445.6	2177.9	1937.7	1714.0	1531.0	1357.3
35°	4899.4	4493.5	4057.9	3623.2	3175.1	2815.6	2475.3	2179.4	1918.4	1682.3	1482.2
32.5°	5653.6	5208.1	4728.5	4232.6	3729.1	3225.9	2817.5	2451.0	2124.3	1855.5	1618.7
30°	6407.4	5918.5	5393.1	4851.6	4299.3	3734.4	3177.2	2749.1	2365.6	2028.5	1755.9
27.5°	7163.8	6633.9	6058.9	5463.1	4867.7	4251.8	3634.4	3056.6	2608.7	2227.7	1906.7
25°	7920.9	7328.4	6711.1	6062.5	5413.4	4758.7	4076.5	3432.4	2881.4	2427.1	2045.6
22.5°	8680.4	8015.1	7327.0	6630.2	5932.2	5232.6	4518.6	3800.6	3139.7	2629.9	2208.2
20°	9430.8	8683.5	7930.3	7175.1	6422.6	5674.4	4928.1	4161.5	3443.4	2839.8	2359.9
17.5°	10153.6	9323.5	8505.7	7687.0	6882.2	6088.9	5295.1	4494.6	3714.5	3026.7	2493.9
15°	10842.0	9936.2	9048.1	8169.0	7300.4	6448.5	5620.2	4787.1	3961.1	3221.6	2640.8
12.5°	11491.5	10503.0	9535.5	8581.3	7658.4	6765.5	5904.4	5043.8	4193.4	3411.4	2771.7
10°	12046.2	10985.7	9944.3	8938.2	7968.5	7035.2	6138.9	5261.1	4392.5	3569.4	2878.8
7.5°	12497.3	11373.9	10275.8	9220.1	8211.6	7249.9	6320.1	5427.7	4550.2	3692.9	2961.5
5°	12826.9	11659.3	10521.4	9429.0	8379.9	7406.2	6447.9	5541.7	4664.4	3780.7	3019.3
2.5°	13031.3	11832.0	10667.4	9556.0	8477.9	7500.0	6522.0	5610.6	4729.6	3829.0	3055.6
0°	13069.2	11912.8	10713.3	9569.5	8534.2	7528.1	6541.5	5635.7	4746.5	3839.2	3066.9
-2.5°	13031.3	11832.0	10667.4	9556.0	8477.9	7500.0	6522.0	5610.6	4729.6	3829.0	3055.6
-5°	12826.9	11659.3	10521.4	9429.0	8379.9	7406.2	6447.9	5541.7	4664.4	3780.7	3019.3
-7.5°	12497.3	11373.9	10275.8	9220.1	8211.6	7249.9	6320.1	5427.7	4550.2	3692.9	2961.5
-10°	12046.2	10985.7	9944.3	8938.2	7968.5	7035.2	6138.9	5261.1	4392.5	3569.4	2878.8
-12.5°	11491.5	10503.0	9535.5	8581.3	7658.4	6765.5	5904.4	5043.8	4193.4	3411.4	2771.7
-15°	10842.0	9936.2	9048.1	8169.0	7300.4	6448.5	5620.2	4787.1	3961.1	3221.6	2640.8
-17.5°	10153.6	9323.5	8505.7	7687.0	6882.2	6088.9	5295.1	4494.6	3714.5	3026.7	2493.9
-20°	9430.8	8683.5	7930.3	7175.1	6422.6	5674.4	4928.1	4161.5	3443.4	2839.8	2359.9



REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8680.4	8015.1	7327.0	6630.2	5932.2	5232.6	4518.6	3800.6	3139.7	2629.9	2208.2
-25°	7920.9	7328.4	6711.1	6062.5	5413.4	4758.7	4076.5	3432.4	2881.4	2427.1	2045.6
-27.5°	7163.8	6633.9	6058.9	5463.1	4867.7	4251.8	3634.4	3056.6	2608.7	2227.7	1906.7
-30°	6407.4	5918.5	5393.1	4851.6	4299.3	3734.4	3177.2	2749.1	2365.6	2028.5	1755.9
-32.5°	5653.6	5208.1	4728.5	4232.6	3729.1	3225.9	2817.5	2451.0	2124.3	1855.5	1618.7
-35°	4899.4	4493.5	4057.9	3623.2	3175.1	2815.6	2475.3	2179.4	1918.4	1682.3	1482.2
-37.5°	4143.4	3784.1	3420.4	3049.4	2742.4	2445.6	2177.9	1937.7	1714.0	1531.0	1357.3
-40°	3428.6	3121.7	2866.9	2595.8	2360.1	2123.8	1915.8	1711.9	1547.4	1386.4	1235.9
-42.5°	2823.1	2612.5	2414.1	2225.2	2030.5	1854.0	1680.0	1532.9	1388.2	1252.3	1128.9
-45°	2352.4	2207.8	2051.6	1909.1	1754.6	1620.4	1489.8	1365.6	1242.3	1132.5	1023.1
-47.5°	1984.1	1875.6	1754.0	1641.8	1531.9	1420.8	1318.4	1210.4	1116.5	1019.3	933.5
-50°	1681.2	1599.2	1510.2	1419.9	1337.0	1247.4	1164.1	1082.4	1000.6	923.4	846.2
-52.5°	1428.4	1370.5	1305.9	1234.3	1167.4	1099.5	1028.6	966.5	898.9	832.2	765.9
-55°	1230.0	1183.6	1133.2	1077.9	1020.9	969.6	915.1	860.4	805.1	745.0	691.8
-57.5°	1062.7	1024.2	984.8	942.5	897.6	854.4	809.9	762.1	716.6	668.9	620.7
-60°	916.9	885.7	855.6	822.8	787.5	749.5	712.9	674.5	634.3	595.0	554.7
-62.5°	784.7	767.4	739.6	711.0	683.3	655.3	621.9	588.3	555.9	523.2	489.4
-65°	655.5	637.7	617.6	600.2	579.4	554.9	527.4	503.4	479.6	453.5	424.7
-67.5°	543.2	530.0	514.9	498.8	483.4	465.5	447.2	427.4	406.9	383.8	361.7
-70°	453.0	444.7	434.0	420.4	406.3	391.2	375.7	358.3	338.1	316.0	298.5
-72.5°	379.3	374.1	366.2	354.2	340.6	326.3	311.3	294.4	274.9	252.8	236.2
-75°	313.2	309.7	303.7	292.4	280.1	266.9	252.8	235.5	215.6	193.1	176.7
-77.5°	246.3	244.7	241.3	232.1	222.8	213.3	201.5	181.4	161.5	142.2	129.8
-80°	177.2	177.2	175.5	168.6	161.4	153.9	144.8	129.4	114.4	100.5	90.7
-82.5°	112.1	110.2	107.6	103.9	100.1	96.3	92.0	82.2	72.8	63.8	56.4
-85°	50.1	48.6	47.1	47.1	46.8	46.3	45.2	40.6	36.1	31.9	28.2
-87.5°	8.5	8.6	8.8	9.2	9.6	10.0	10.2	9.9	9.6	9.2	8.9
-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: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-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°	9.9	10.7	11.5	12.0	12.4	12.5	12.5	12.3	11.8	11.2	10.4
85°	29.5	30.1	30.0	29.1	27.2	25.1	25.1	24.7	23.7	22.4	20.7
82.5°	58.6	60.4	61.4	61.0	57.2	53.2	49.0	44.5	39.7	34.3	31.1
80°	94.1	96.2	96.9	95.3	88.6	81.3	75.1	68.6	62.3	55.1	47.2
77.5°	132.5	134.0	134.4	131.9	123.4	114.2	104.2	93.8	84.9	76.0	66.1
75°	173.7	174.2	173.8	169.4	158.9	147.0	135.0	122.0	109.0	96.9	85.0
72.5°	227.3	220.0	214.5	207.3	195.7	182.3	167.0	149.7	133.3	117.8	103.5
70°	283.3	267.8	255.8	244.8	232.0	217.8	200.8	179.1	157.1	138.4	120.9
67.5°	341.8	322.6	303.3	283.2	267.5	251.5	234.2	208.2	181.8	158.6	138.0
65°	398.7	375.1	353.2	327.1	304.2	284.7	265.2	235.7	205.6	178.5	154.8
62.5°	456.1	424.4	397.0	368.7	341.1	316.9	294.9	261.3	228.4	197.6	170.6
60°	515.0	477.8	440.7	407.9	376.7	347.4	320.0	286.1	250.4	215.8	185.7
57.5°	576.0	531.4	488.9	448.2	411.8	378.0	344.1	309.0	271.7	234.2	199.2
55°	637.7	587.3	537.3	490.6	447.6	409.0	369.1	330.9	292.2	252.2	210.0
52.5°	703.8	644.7	588.4	533.9	484.6	439.3	395.9	352.3	311.6	269.5	221.8
50°	773.8	705.6	641.2	580.3	521.3	470.9	422.0	375.7	330.6	286.2	232.8
47.5°	847.5	770.2	696.9	627.1	563.0	501.5	449.2	398.8	349.1	302.7	242.9
45°	928.5	836.6	754.1	677.4	603.0	536.2	476.2	421.0	369.1	314.5	251.9
42.5°	1010.0	908.3	813.4	726.2	646.6	571.3	502.0	444.1	388.3	325.3	260.7
40°	1103.9	981.5	873.1	778.5	689.7	604.8	531.7	466.4	406.2	336.1	269.3
37.5°	1195.5	1060.4	938.3	828.5	732.1	642.6	560.5	487.6	420.3	347.8	277.1
35°	1303.4	1141.8	1000.3	881.4	775.8	678.5	587.5	509.3	435.9	359.0	284.0
32.5°	1408.3	1224.7	1070.1	935.6	817.0	712.6	616.1	531.5	451.7	369.7	290.1
30°	1523.4	1314.8	1136.0	986.2	858.0	747.6	645.0	552.3	467.6	379.8	296.0
27.5°	1634.0	1397.9	1200.0	1039.9	901.3	780.4	671.7	571.9	483.6	390.3	303.3
25°	1743.7	1487.7	1270.6	1091.1	941.0	810.2	696.3	590.2	499.3	402.1	309.9
22.5°	1862.7	1574.5	1334.2	1137.2	977.0	837.4	719.7	610.1	513.6	413.4	315.6
20°	1972.1	1652.9	1391.1	1181.2	1012.7	866.7	741.6	628.0	526.6	424.0	320.5
17.5°	2075.3	1732.7	1454.4	1228.8	1046.5	892.6	760.9	643.7	538.0	433.8	324.5
15°	2183.6	1811.9	1511.5	1270.0	1075.7	915.0	777.5	657.3	547.8	442.5	328.2
12.5°	2276.1	1878.9	1559.4	1304.6	1100.3	933.6	791.3	668.5	556.0	450.0	331.6
10°	2352.3	1933.2	1598.0	1332.7	1120.0	948.6	802.3	677.6	562.8	455.8	333.4
7.5°	2411.6	1974.8	1627.3	1353.9	1135.2	960.4	811.5	684.7	568.1	459.8	333.8
5°	2453.1	2003.8	1648.7	1368.7	1146.7	968.8	818.0	689.4	571.7	462.0	332.9
2.5°	2474.9	2020.2	1661.9	1376.6	1153.4	973.4	821.7	691.7	573.5	462.3	330.6
0°	2478.3	2023.3	1665.7	1377.6	1155.0	974.1	822.4	691.6	573.3	460.6	327.0
-2.5°	2474.9	2020.2	1661.9	1376.6	1153.4	973.4	821.7	691.7	573.5	462.3	330.6
-5°	2453.1	2003.8	1648.7	1368.7	1146.7	968.8	818.0	689.4	571.7	462.0	332.9
-7.5°	2411.6	1974.8	1627.3	1353.9	1135.2	960.4	811.5	684.7	568.1	459.8	333.8
-10°	2352.3	1933.2	1598.0	1332.7	1120.0	948.6	802.3	677.6	562.8	455.8	333.4
-12.5°	2276.1	1878.9	1559.4	1304.6	1100.3	933.6	791.3	668.5	556.0	450.0	331.6
-15°	2183.6	1811.9	1511.5	1270.0	1075.7	915.0	777.5	657.3	547.8	442.5	328.2
-17.5°	2075.3	1732.7	1454.4	1228.8	1046.5	892.6	760.9	643.7	538.0	433.8	324.5
-20°	1972.1	1652.9	1391.1	1181.2	1012.7	866.7	741.6	628.0	526.6	424.0	320.5

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1862.7	1574.5	1334.2	1137.2	977.0	837.4	719.7	610.1	513.6	413.4	315.6
-25°	1743.7	1487.7	1270.6	1091.1	941.0	810.2	696.3	590.2	499.3	402.1	309.9
-27.5°	1634.0	1397.9	1200.0	1039.9	901.3	780.4	671.7	571.9	483.6	390.3	303.3
-30°	1523.4	1314.8	1136.0	986.2	858.0	747.6	645.0	552.3	467.6	379.8	296.0
-32.5°	1408.3	1224.7	1070.1	935.6	817.0	712.6	616.1	531.5	451.7	369.7	290.1
-35°	1303.4	1141.8	1000.3	881.4	775.8	678.5	587.5	509.3	435.9	359.0	284.0
-37.5°	1195.5	1060.4	938.3	828.5	732.1	642.6	560.5	487.6	420.3	347.8	277.1
-40°	1103.9	981.5	873.1	778.5	689.7	604.8	531.7	466.4	406.2	336.1	269.3
-42.5°	1010.0	908.3	813.4	726.2	646.6	571.3	502.0	444.1	388.3	325.3	260.7
-45°	928.5	836.6	754.1	677.4	603.0	536.2	476.2	421.0	369.1	314.5	251.9
-47.5°	847.5	770.2	696.9	627.1	563.0	501.5	449.2	398.8	349.1	302.7	242.9
-50°	773.8	705.6	641.2	580.3	521.3	470.9	422.0	375.7	330.6	286.2	232.8
-52.5°	703.8	644.7	588.4	533.9	484.6	439.3	395.9	352.3	311.6	269.5	221.8
-55°	637.7	587.3	537.3	490.6	447.6	409.0	369.1	330.9	292.2	252.2	210.0
-57.5°	576.0	531.4	488.9	448.2	411.8	378.0	344.1	309.0	271.7	234.2	199.2
-60°	515.0	477.8	440.7	407.9	376.7	347.4	320.0	286.1	250.4	215.8	185.7
-62.5°	456.1	424.4	397.0	368.7	341.1	316.9	294.9	261.3	228.4	197.6	170.6
-65°	398.7	375.1	353.2	327.1	304.2	284.7	265.2	235.7	205.6	178.5	154.8
-67.5°	341.8	322.6	303.3	283.2	267.5	251.5	234.2	208.2	181.8	158.6	138.0
-70°	283.3	267.8	255.8	244.8	232.0	217.8	200.8	179.1	157.1	138.4	120.9
-72.5°	227.3	220.0	214.5	207.3	195.7	182.3	167.0	149.7	133.3	117.8	103.5
-75°	173.7	174.2	173.8	169.4	158.9	147.0	135.0	122.0	109.0	96.9	85.0
-77.5°	132.5	134.0	134.4	131.9	123.4	114.2	104.2	93.8	84.9	76.0	66.1
-80°	94.1	96.2	96.9	95.3	88.6	81.3	75.1	68.6	62.3	55.1	47.2
-82.5°	58.6	60.4	61.4	61.0	57.2	53.2	49.0	44.5	39.7	34.3	31.1
-85°	29.5	30.1	30.0	29.1	27.2	25.1	25.1	24.7	23.7	22.4	20.7
-87.5°	9.9	10.7	11.5	12.0	12.4	12.5	12.5	12.3	11.8	11.2	10.4
-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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REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-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°	9.4	7.3	5.4	3.8	2.3	1.0	0.0
85°	18.7	14.6	10.8	7.5	4.6	2.0	0.0
82.5°	27.9	21.8	16.2	11.2	6.9	3.0	0.0
80°	38.0	28.9	21.5	14.9	9.1	4.0	0.0
77.5°	54.2	37.6	26.8	18.6	11.3	4.9	0.0
75°	69.9	49.2	32.4	22.1	13.5	5.9	0.0
72.5°	85.2	60.4	40.2	25.7	15.7	6.9	0.0
70°	99.6	71.2	47.6	29.3	17.8	7.8	0.0
67.5°	112.2	81.4	54.8	33.9	19.8	8.7	0.0
65°	124.1	90.9	61.6	38.2	21.7	9.6	0.0
62.5°	135.4	99.5	68.0	42.4	23.6	10.4	0.0
60°	145.9	107.6	74.0	46.3	25.5	11.2	0.0
57.5°	155.5	115.2	79.5	49.9	27.7	12.0	0.0
55°	164.3	122.1	84.7	53.3	29.8	12.8	0.0
52.5°	172.4	128.5	89.5	56.3	31.8	13.5	0.0
50°	179.7	134.4	93.8	59.1	33.8	14.2	0.0
47.5°	186.5	139.7	97.7	61.6	35.7	14.9	0.0
45°	194.2	144.3	101.1	64.1	37.4	15.5	0.0
42.5°	201.0	148.4	104.0	66.4	39.1	16.1	0.0
40°	206.9	151.9	106.7	68.8	40.7	16.6	0.0
37.5°	212.0	154.7	109.0	71.3	42.1	17.1	0.0
35°	216.3	157.8	110.9	73.6	43.5	17.6	0.0
32.5°	220.2	160.8	112.4	75.7	44.7	18.0	0.0
30°	224.5	163.2	113.4	77.5	45.9	18.4	0.0
27.5°	228.0	164.8	115.9	79.2	46.9	18.7	0.0
25°	230.8	165.8	118.2	80.6	47.8	19.0	0.0
22.5°	232.7	167.1	120.3	81.9	48.5	19.2	0.0
20°	233.8	170.2	122.0	82.9	49.2	19.4	0.0
17.5°	236.5	172.6	123.5	83.7	49.7	19.6	0.0
15°	239.6	174.6	124.7	84.3	50.1	19.7	0.0
12.5°	241.9	176.0	125.5	84.7	50.4	19.8	0.0
10°	243.3	176.9	126.1	84.8	50.6	19.8	0.0
7.5°	243.9	177.3	126.4	84.8	50.7	19.8	0.0
5°	243.6	177.1	126.3	84.6	50.6	19.7	0.0
2.5°	242.6	176.5	125.9	84.1	50.4	19.6	0.0
0°	240.7	175.3	125.2	83.5	50.1	19.5	0.0
-2.5°	242.6	176.5	125.9	84.1	50.4	19.6	0.0
-5°	243.6	177.1	126.3	84.6	50.6	19.7	0.0
-7.5°	243.9	177.3	126.4	84.8	50.7	19.8	0.0
-10°	243.3	176.9	126.1	84.8	50.6	19.8	0.0
-12.5°	241.9	176.0	125.5	84.7	50.4	19.8	0.0
-15°	239.6	174.6	124.7	84.3	50.1	19.7	0.0
-17.5°	236.5	172.6	123.5	83.7	49.7	19.6	0.0
-20°	233.8	170.2	122.0	82.9	49.2	19.4	0.0

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REPORT NUMBER: P627353 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	232.7	167.1	120.3	81.9	48.5	19.2	0.0
-25°	230.8	165.8	118.2	80.6	47.8	19.0	0.0
-27.5°	228.0	164.8	115.9	79.2	46.9	18.7	0.0
-30°	224.5	163.2	113.4	77.5	45.9	18.4	0.0
-32.5°	220.2	160.8	112.4	75.7	44.7	18.0	0.0
-35°	216.3	157.8	110.9	73.6	43.5	17.6	0.0
-37.5°	212.0	154.7	109.0	71.3	42.1	17.1	0.0
-40°	206.9	151.9	106.7	68.8	40.7	16.6	0.0
-42.5°	201.0	148.4	104.0	66.4	39.1	16.1	0.0
-45°	194.2	144.3	101.1	64.1	37.4	15.5	0.0
-47.5°	186.5	139.7	97.7	61.6	35.7	14.9	0.0
-50°	179.7	134.4	93.8	59.1	33.8	14.2	0.0
-52.5°	172.4	128.5	89.5	56.3	31.8	13.5	0.0
-55°	164.3	122.1	84.7	53.3	29.8	12.8	0.0
-57.5°	155.5	115.2	79.5	49.9	27.7	12.0	0.0
-60°	145.9	107.6	74.0	46.3	25.5	11.2	0.0
-62.5°	135.4	99.5	68.0	42.4	23.6	10.4	0.0
-65°	124.1	90.9	61.6	38.2	21.7	9.6	0.0
-67.5°	112.2	81.4	54.8	33.9	19.8	8.7	0.0
-70°	99.6	71.2	47.6	29.3	17.8	7.8	0.0
-72.5°	85.2	60.4	40.2	25.7	15.7	6.9	0.0
-75°	69.9	49.2	32.4	22.1	13.5	5.9	0.0
-77.5°	54.2	37.6	26.8	18.6	11.3	4.9	0.0
-80°	38.0	28.9	21.5	14.9	9.1	4.0	0.0
-82.5°	27.9	21.8	16.2	11.2	6.9	3.0	0.0
-85°	18.7	14.6	10.8	7.5	4.6	2.0	0.0
-87.5°	9.4	7.3	5.4	3.8	2.3	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)