

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: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-740-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-740-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N54
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

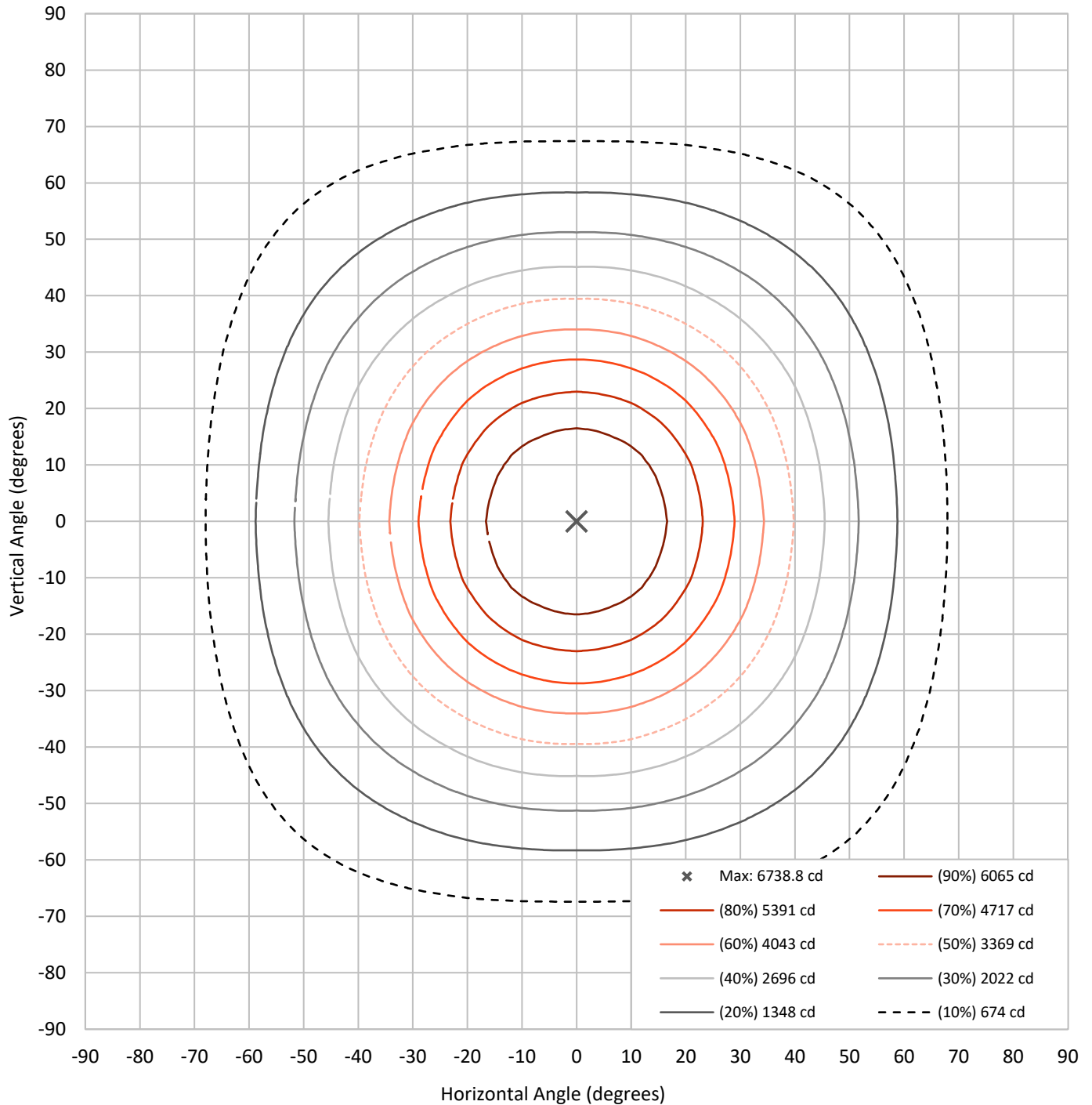
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	12179.8 lumens	Max Intensity:	6738.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	7143.5 lumens	Field Lumens:	11611.4 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	82.6		
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		



REPORT NUMBER: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





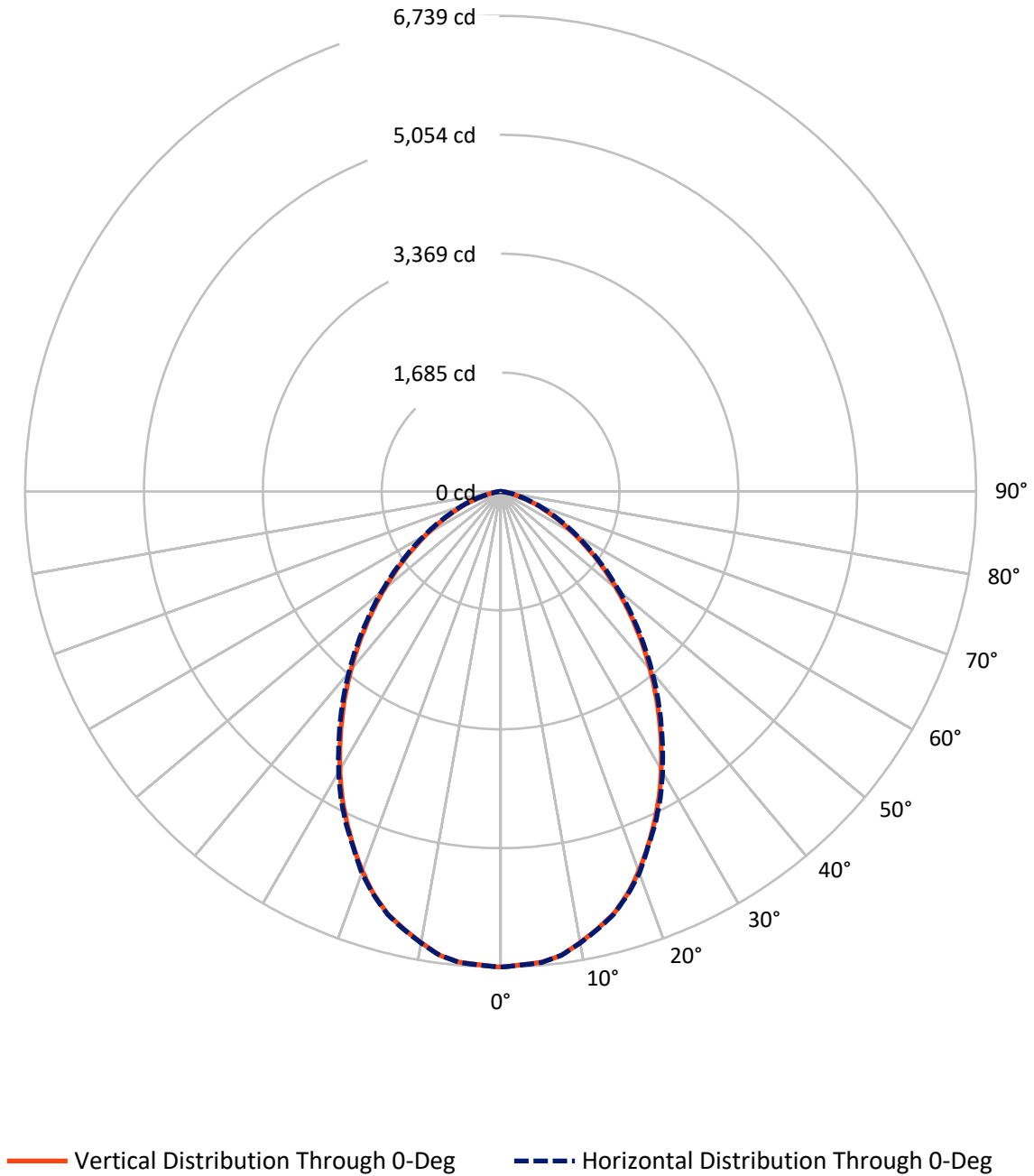
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Lumen Table

90																			
80	0.4	5.0		13.6		23.1		21.7		23.1		13.6		5.0		0.4			
70																			
60	2.3	3.1	6.3	10.7	15.7	20.3	23.7	25.4	25.4	23.7	20.3	15.7	10.7	6.3	3.1	2.3			
50		4.7	10.2	18.3	27.7	37.6	45.8	50.0	50.0	45.8	37.6	27.7	18.3	10.2	4.7				
40	4.0	6.3	14.8	27.3	43.3	60.1	74.1	81.7	81.7	74.1	60.1	43.3	27.3	14.8	6.3	4.0			
30		8.0	19.6	37.6	60.7	85.0	105.9	117.7	117.7	105.9	85.0	60.7	37.6	19.6	8.0				
20	5.1	9.5	24.1	47.3	77.2	109.6	137.9	154.1	154.1	137.9	109.6	77.2	47.3	24.1	9.5	5.1			
10		10.7	27.6	54.6	90.1	129.5	164.3	184.0	184.0	164.3	129.5	90.1	54.6	27.6	10.7				
0	5.6	11.4	29.6	58.7	97.3	140.6	178.6	199.4	199.4	178.6	140.6	97.3	58.7	29.6	11.4	5.6			
-10		11.4	29.6	58.7	97.3	140.6	178.6	199.4	199.4	178.6	140.6	97.3	58.7	29.6	11.4				
-20	5.1	10.7	27.6	54.6	90.1	129.5	164.3	184.0	184.0	164.3	129.5	90.1	54.6	27.6	10.7	5.1			
-30		9.5	24.1	47.3	77.2	109.6	137.9	154.1	154.1	137.9	109.6	77.2	47.3	24.1	9.5				
-40	4.0	8.0	19.6	37.6	60.7	85.0	105.9	117.7	117.7	105.9	85.0	60.7	37.6	19.6	8.0	4.0			
-50		6.3	14.8	27.3	43.3	60.1	74.1	81.7	81.7	74.1	60.1	43.3	27.3	14.8	6.3				
-60	2.3	4.7	10.2	18.3	27.7	37.6	45.8	50.0	50.0	45.8	37.6	27.7	18.3	10.2	4.7	2.3			
-70		3.1	6.3	10.7	15.7	20.3	23.7	25.4	25.4	23.7	20.3	15.7	10.7	6.3	3.1				
-80	0.4	5.0		13.6		23.1		21.7		23.1		13.6		5.0		0.4			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

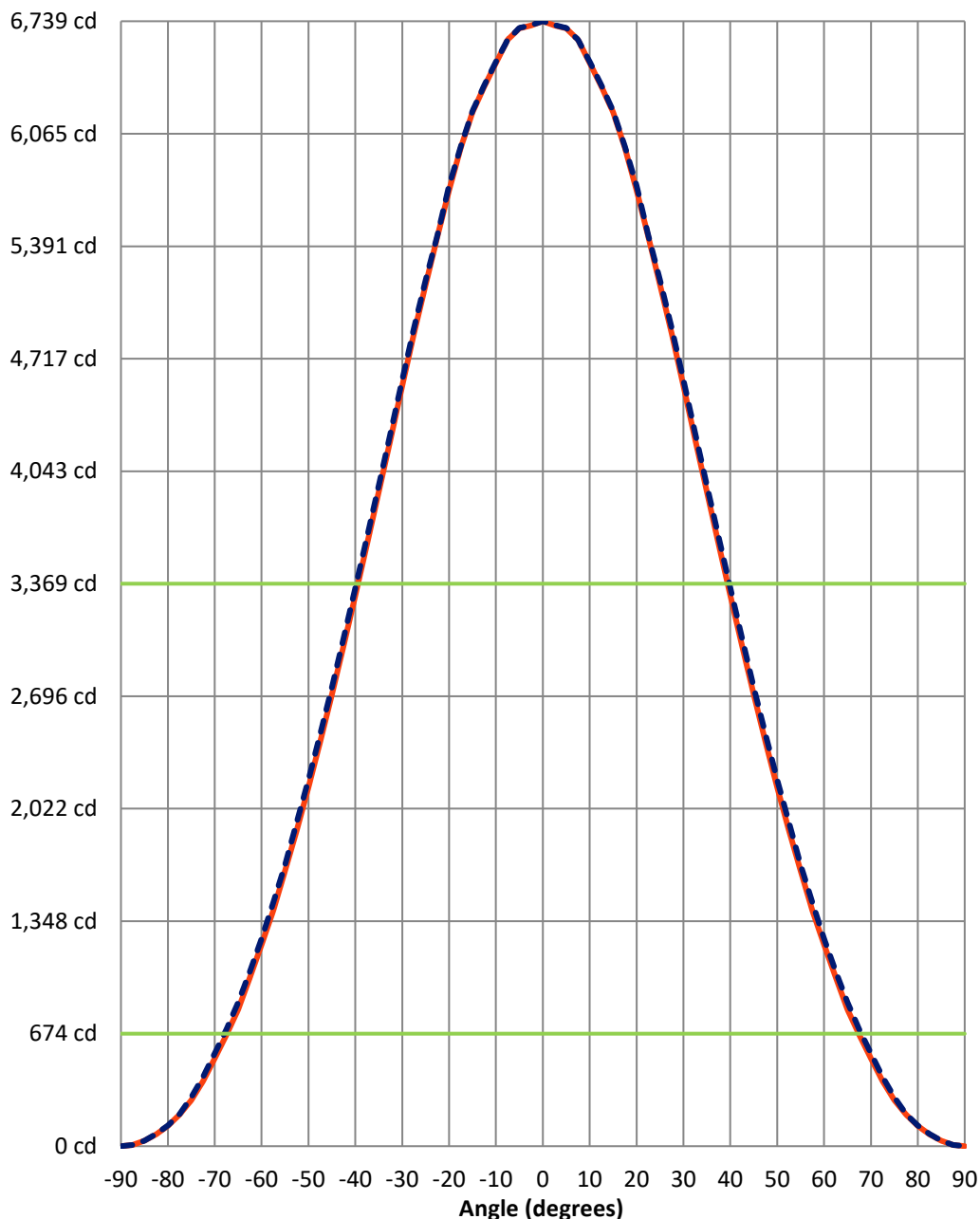
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 7143.5
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 11611.4
 Efficiency: 95.3%

Spill:
 Lumens: 568.4
 Efficiency: 4.7%

— 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	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
85°	0.0	0.8	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
82.5°	0.0	1.2	2.6	3.9	5.2	6.5	7.8	9.1	11.4	17.9	24.2
80°	0.0	1.5	3.5	5.2	7.0	8.7	11.8	21.0	29.8	38.3	46.4
77.5°	0.0	1.9	4.3	6.5	8.7	13.6	25.7	37.2	48.1	58.5	71.5
75°	0.0	2.3	5.2	7.8	11.3	23.6	39.2	53.4	67.0	85.6	105.5
72.5°	0.0	2.6	6.0	9.1	18.1	33.3	52.3	70.7	92.1	114.8	138.9
70°	0.0	3.0	6.8	10.9	24.6	42.6	65.4	91.5	116.7	143.5	174.8
67.5°	0.0	3.3	7.6	14.9	30.9	51.6	81.2	111.9	140.7	174.6	210.5
65°	0.0	3.7	8.3	18.8	36.8	61.6	96.2	131.6	166.7	204.8	243.9
62.5°	0.0	4.0	9.1	22.5	42.5	72.6	110.5	152.3	191.8	233.6	273.8
60°	0.0	4.3	9.8	26.0	47.8	82.9	124.0	172.8	216.0	260.6	303.3
57.5°	0.0	4.6	11.7	29.3	54.9	92.7	138.1	191.9	239.8	287.2	331.2
55°	0.0	4.9	13.6	32.3	61.7	101.7	151.6	208.4	263.2	312.8	358.0
52.5°	0.0	5.2	15.5	35.2	68.0	110.3	164.0	225.6	286.1	336.4	384.1
50°	0.0	5.5	17.3	37.8	73.8	119.5	175.4	241.9	307.9	359.2	414.0
47.5°	0.0	5.8	18.9	40.5	79.1	127.8	186.1	257.0	327.6	381.4	443.4
45°	0.0	6.0	20.5	44.0	83.8	135.4	198.0	271.0	342.9	406.4	471.4
42.5°	0.0	6.2	22.1	47.1	88.0	142.1	208.9	283.9	357.5	430.4	504.5
40°	0.0	6.4	23.5	50.4	92.2	147.9	218.7	296.0	372.8	452.9	536.7
37.5°	0.0	6.6	24.8	53.6	96.4	152.9	227.6	307.6	389.9	474.2	566.9
35°	0.0	6.8	26.1	56.6	100.0	158.7	235.4	318.4	406.5	498.8	597.3
32.5°	0.0	7.0	27.2	59.3	103.0	164.4	242.6	328.6	422.7	522.4	629.5
30°	0.0	7.1	28.2	61.9	105.5	169.4	250.1	338.8	438.3	544.9	659.6
27.5°	0.0	7.3	29.2	64.1	109.1	173.5	256.8	350.6	454.4	566.3	687.6
25°	0.0	7.4	30.0	66.2	112.5	176.7	262.7	361.6	471.1	588.1	713.4
22.5°	0.0	7.5	30.8	68.0	115.5	179.9	267.8	371.6	486.6	608.7	740.9
20°	0.0	7.5	31.4	69.5	118.0	184.4	272.0	380.7	500.5	627.1	765.6
17.5°	0.0	7.6	31.9	70.8	120.2	188.1	277.3	388.6	513.0	643.3	787.4
15°	0.0	7.7	32.4	71.9	121.9	190.9	282.7	396.2	523.8	657.2	806.1
12.5°	0.0	7.7	32.7	72.7	123.3	193.0	287.2	403.4	533.6	668.7	821.8
10°	0.0	7.7	32.9	73.3	124.2	194.2	290.5	408.9	542.1	679.5	835.1
7.5°	0.0	7.7	33.0	73.6	124.7	194.8	292.8	412.7	548.6	688.2	846.5
5°	0.0	7.7	33.1	73.7	124.8	194.5	294.0	414.9	553.1	694.5	854.7
2.5°	0.0	7.6	33.0	73.6	124.5	193.6	294.1	415.4	555.5	698.3	859.7
0°	0.0	7.6	32.8	73.2	123.8	192.0	293.0	414.2	555.7	699.6	861.3
-2.5°	0.0	7.6	33.0	73.6	124.5	193.6	294.1	415.4	555.5	698.3	859.7
-5°	0.0	7.7	33.1	73.7	124.8	194.5	294.0	414.9	553.1	694.5	854.7
-7.5°	0.0	7.7	33.0	73.6	124.7	194.8	292.8	412.7	548.6	688.2	846.5
-10°	0.0	7.7	32.9	73.3	124.2	194.2	290.5	408.9	542.1	679.5	835.1
-12.5°	0.0	7.7	32.7	72.7	123.3	193.0	287.2	403.4	533.6	668.7	821.8
-15°	0.0	7.7	32.4	71.9	121.9	190.9	282.7	396.2	523.8	657.2	806.1
-17.5°	0.0	7.6	31.9	70.8	120.2	188.1	277.3	388.6	513.0	643.3	787.4
-20°	0.0	7.5	31.4	69.5	118.0	184.4	272.0	380.7	500.5	627.1	765.6

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Scaled Data Report



REPORT NUMBER: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.5	30.8	68.0	115.5	179.9	267.8	371.6	486.6	608.7	740.9
-25°	0.0	7.4	30.0	66.2	112.5	176.7	262.7	361.6	471.1	588.1	713.4
-27.5°	0.0	7.3	29.2	64.1	109.1	173.5	256.8	350.6	454.4	566.3	687.6
-30°	0.0	7.1	28.2	61.9	105.5	169.4	250.1	338.8	438.3	544.9	659.6
-32.5°	0.0	7.0	27.2	59.3	103.0	164.4	242.6	328.6	422.7	522.4	629.5
-35°	0.0	6.8	26.1	56.6	100.0	158.7	235.4	318.4	406.5	498.8	597.3
-37.5°	0.0	6.6	24.8	53.6	96.4	152.9	227.6	307.6	389.9	474.2	566.9
-40°	0.0	6.4	23.5	50.4	92.2	147.9	218.7	296.0	372.8	452.9	536.7
-42.5°	0.0	6.2	22.1	47.1	88.0	142.1	208.9	283.9	357.5	430.4	504.5
-45°	0.0	6.0	20.5	44.0	83.8	135.4	198.0	271.0	342.9	406.4	471.4
-47.5°	0.0	5.8	18.9	40.5	79.1	127.8	186.1	257.0	327.6	381.4	443.4
-50°	0.0	5.5	17.3	37.8	73.8	119.5	175.4	241.9	307.9	359.2	414.0
-52.5°	0.0	5.2	15.5	35.2	68.0	110.3	164.0	225.6	286.1	336.4	384.1
-55°	0.0	4.9	13.6	32.3	61.7	101.7	151.6	208.4	263.2	312.8	358.0
-57.5°	0.0	4.6	11.7	29.3	54.9	92.7	138.1	191.9	239.8	287.2	331.2
-60°	0.0	4.3	9.8	26.0	47.8	82.9	124.0	172.8	216.0	260.6	303.3
-62.5°	0.0	4.0	9.1	22.5	42.5	72.6	110.5	152.3	191.8	233.6	273.8
-65°	0.0	3.7	8.3	18.8	36.8	61.6	96.2	131.6	166.7	204.8	243.9
-67.5°	0.0	3.3	7.6	14.9	30.9	51.6	81.2	111.9	140.7	174.6	210.5
-70°	0.0	3.0	6.8	10.9	24.6	42.6	65.4	91.5	116.7	143.5	174.8
-72.5°	0.0	2.6	6.0	9.1	18.1	33.3	52.3	70.7	92.1	114.8	138.9
-75°	0.0	2.3	5.2	7.8	11.3	23.6	39.2	53.4	67.0	85.6	105.5
-77.5°	0.0	1.9	4.3	6.5	8.7	13.6	25.7	37.2	48.1	58.5	71.5
-80°	0.0	1.5	3.5	5.2	7.0	8.7	11.8	21.0	29.8	38.3	46.4
-82.5°	0.0	1.2	2.6	3.9	5.2	6.5	7.8	9.1	11.4	17.9	24.2
-85°	0.0	0.8	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
-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-SA2C-740-U-VWR-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°	4.9	5.7	6.4	7.2	7.3	7.3	7.2	7.1	7.4	7.7	8.0
85°	9.9	11.3	15.7	20.0	22.0	23.3	23.9	23.8	27.6	32.1	37.0
82.5°	30.7	37.0	43.1	48.8	50.3	50.3	49.8	50.0	59.1	69.5	80.2
80°	54.7	62.7	73.4	82.8	86.9	89.1	90.0	89.9	101.4	116.7	132.8
77.5°	86.8	100.3	112.1	122.1	127.5	132.3	136.1	139.2	153.9	173.3	192.5
75°	123.4	138.2	152.9	165.8	174.8	181.5	187.7	197.7	217.0	239.6	259.2
72.5°	162.0	180.9	197.3	211.3	223.9	237.3	252.3	268.7	289.1	311.7	332.2
70°	203.2	224.0	241.2	258.0	275.2	295.3	317.7	339.9	362.7	387.6	411.5
67.5°	243.5	263.6	283.9	305.0	330.8	357.6	384.2	414.7	445.9	473.6	498.3
65°	278.5	302.1	327.4	356.2	388.0	422.1	457.6	494.1	533.7	566.9	597.2
62.5°	312.0	340.3	371.1	406.9	447.4	487.8	533.1	578.9	623.5	662.6	698.7
60°	342.8	377.0	416.0	460.0	507.3	561.0	612.5	664.6	713.5	757.8	803.5
57.5°	372.7	415.9	462.7	515.4	575.2	635.6	696.1	752.2	807.5	861.5	913.2
55°	404.4	456.5	512.1	576.8	644.3	715.6	780.9	843.4	904.4	969.9	1032.1
52.5°	439.4	497.5	567.1	639.6	717.4	794.0	865.7	937.0	1010.7	1084.8	1165.8
50°	473.1	545.5	621.8	706.1	790.2	872.3	954.5	1036.5	1124.8	1215.7	1307.6
47.5°	512.4	591.5	681.6	772.0	863.9	955.3	1046.8	1146.0	1246.3	1351.8	1453.3
45°	552.3	641.2	738.3	840.5	939.9	1040.9	1148.0	1257.7	1375.3	1491.3	1613.5
42.5°	590.0	690.5	797.6	907.9	1018.5	1131.4	1249.2	1377.3	1505.9	1639.6	1773.9
40°	631.8	737.5	855.5	977.1	1097.0	1222.2	1356.8	1495.6	1641.0	1788.0	1933.9
37.5°	672.1	788.1	912.2	1043.0	1177.7	1315.3	1461.5	1618.9	1776.6	1934.9	2095.7
35°	709.7	836.2	970.6	1109.5	1252.3	1408.8	1572.2	1740.3	1911.2	2082.3	2255.3
32.5°	748.5	881.5	1026.4	1175.0	1332.4	1500.2	1679.2	1861.3	2043.3	2226.1	2415.4
30°	787.3	929.0	1080.4	1237.0	1409.1	1592.0	1784.3	1977.3	2169.8	2370.9	2572.7
27.5°	823.9	974.1	1133.4	1301.0	1482.6	1677.0	1881.3	2087.9	2295.5	2509.3	2724.6
25°	857.7	1016.8	1182.7	1362.7	1555.2	1758.8	1971.6	2187.2	2414.9	2643.7	2868.5
22.5°	890.7	1056.0	1228.3	1419.4	1620.9	1834.7	2056.3	2284.0	2521.9	2767.6	3000.3
20°	922.3	1093.4	1272.7	1470.9	1679.8	1903.1	2133.3	2371.8	2621.4	2873.7	3123.9
17.5°	950.5	1126.6	1314.1	1519.0	1736.0	1965.6	2202.7	2449.0	2709.7	2971.3	3236.3
15°	975.0	1155.5	1349.9	1561.0	1785.6	2022.4	2267.1	2520.4	2787.9	3060.2	3335.7
12.5°	995.7	1180.0	1380.1	1596.7	1827.7	2071.1	2322.4	2584.7	2859.3	3139.2	3422.8
10°	1012.6	1199.9	1404.5	1625.9	1862.1	2111.4	2368.0	2637.6	2920.5	3206.5	3496.0
7.5°	1026.9	1216.5	1423.8	1648.4	1888.7	2142.9	2403.5	2678.9	2969.2	3259.0	3554.9
5°	1037.3	1230.0	1441.6	1667.3	1911.7	2167.5	2430.3	2708.3	3004.9	3296.3	3597.5
2.5°	1043.6	1238.8	1453.7	1679.5	1929.8	2186.0	2454.2	2734.4	3031.0	3326.0	3629.6
0°	1045.7	1242.7	1459.9	1684.7	1939.8	2194.9	2467.7	2748.1	3043.6	3344.2	3649.8
-2.5°	1043.6	1238.8	1453.7	1679.5	1929.8	2186.0	2454.2	2734.4	3031.0	3326.0	3629.6
-5°	1037.3	1230.0	1441.6	1667.3	1911.7	2167.5	2430.3	2708.3	3004.9	3296.3	3597.5
-7.5°	1026.9	1216.5	1423.8	1648.4	1888.7	2142.9	2403.5	2678.9	2969.2	3259.0	3554.9
-10°	1012.6	1199.9	1404.5	1625.9	1862.1	2111.4	2368.0	2637.6	2920.5	3206.5	3496.0
-12.5°	995.7	1180.0	1380.1	1596.7	1827.7	2071.1	2322.4	2584.7	2859.3	3139.2	3422.8
-15°	975.0	1155.5	1349.9	1561.0	1785.6	2022.4	2267.1	2520.4	2787.9	3060.2	3335.7
-17.5°	950.5	1126.6	1314.1	1519.0	1736.0	1965.6	2202.7	2449.0	2709.7	2971.3	3236.3
-20°	922.3	1093.4	1272.7	1470.9	1679.8	1903.1	2133.3	2371.8	2621.4	2873.7	3123.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	890.7	1056.0	1228.3	1419.4	1620.9	1834.7	2056.3	2284.0	2521.9	2767.6	3000.3
-25°	857.7	1016.8	1182.7	1362.7	1555.2	1758.8	1971.6	2187.2	2414.9	2643.7	2868.5
-27.5°	823.9	974.1	1133.4	1301.0	1482.6	1677.0	1881.3	2087.9	2295.5	2509.3	2724.6
-30°	787.3	929.0	1080.4	1237.0	1409.1	1592.0	1784.3	1977.3	2169.8	2370.9	2572.7
-32.5°	748.5	881.5	1026.4	1175.0	1332.4	1500.2	1679.2	1861.3	2043.3	2226.1	2415.4
-35°	709.7	836.2	970.6	1109.5	1252.3	1408.8	1572.2	1740.3	1911.2	2082.3	2255.3
-37.5°	672.1	788.1	912.2	1043.0	1177.7	1315.3	1461.5	1618.9	1776.6	1934.9	2095.7
-40°	631.8	737.5	855.5	977.1	1097.0	1222.2	1356.8	1495.6	1641.0	1788.0	1933.9
-42.5°	590.0	690.5	797.6	907.9	1018.5	1131.4	1249.2	1377.3	1505.9	1639.6	1773.9
-45°	552.3	641.2	738.3	840.5	939.9	1040.9	1148.0	1257.7	1375.3	1491.3	1613.5
-47.5°	512.4	591.5	681.6	772.0	863.9	955.3	1046.8	1146.0	1246.3	1351.8	1453.3
-50°	473.1	545.5	621.8	706.1	790.2	872.3	954.5	1036.5	1124.8	1215.7	1307.6
-52.5°	439.4	497.5	567.1	639.6	717.4	794.0	865.7	937.0	1010.7	1084.8	1165.8
-55°	404.4	456.5	512.1	576.8	644.3	715.6	780.9	843.4	904.4	969.9	1032.1
-57.5°	372.7	415.9	462.7	515.4	575.2	635.6	696.1	752.2	807.5	861.5	913.2
-60°	342.8	377.0	416.0	460.0	507.3	561.0	612.5	664.6	713.5	757.8	803.5
-62.5°	312.0	340.3	371.1	406.9	447.4	487.8	533.1	578.9	623.5	662.6	698.7
-65°	278.5	302.1	327.4	356.2	388.0	422.1	457.6	494.1	533.7	566.9	597.2
-67.5°	243.5	263.6	283.9	305.0	330.8	357.6	384.2	414.7	445.9	473.6	498.3
-70°	203.2	224.0	241.2	258.0	275.2	295.3	317.7	339.9	362.7	387.6	411.5
-72.5°	162.0	180.9	197.3	211.3	223.9	237.3	252.3	268.7	289.1	311.7	332.2
-75°	123.4	138.2	152.9	165.8	174.8	181.5	187.7	197.7	217.0	239.6	259.2
-77.5°	86.8	100.3	112.1	122.1	127.5	132.3	136.1	139.2	153.9	173.3	192.5
-80°	54.7	62.7	73.4	82.8	86.9	89.1	90.0	89.9	101.4	116.7	132.8
-82.5°	30.7	37.0	43.1	48.8	50.3	50.3	49.8	50.0	59.1	69.5	80.2
-85°	9.9	11.3	15.7	20.0	22.0	23.3	23.9	23.8	27.6	32.1	37.0
-87.5°	4.9	5.7	6.4	7.2	7.3	7.3	7.2	7.1	7.4	7.7	8.0
-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: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-U-VWR-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°	8.3	8.5	8.7	9.0	9.2	9.3	9.5	9.6	9.8	9.3	8.7
85°	42.2	45.2	47.9	50.6	53.1	55.5	57.8	59.9	61.9	56.5	50.6
82.5°	91.1	98.4	105.3	112.3	119.1	120.9	121.4	121.2	120.2	110.8	100.4
80°	148.7	161.1	172.8	184.3	195.7	197.0	195.7	193.4	190.0	177.7	163.7
77.5°	211.6	227.2	240.8	253.3	264.7	266.8	266.5	265.9	265.0	252.4	237.2
75°	276.1	291.3	306.0	318.5	329.0	333.8	336.1	337.8	338.7	329.6	317.8
72.5°	350.8	366.7	379.7	391.8	402.1	409.5	414.8	418.9	421.6	418.9	414.0
70°	431.9	449.0	463.3	477.0	490.9	502.1	510.5	516.6	520.5	523.1	524.9
67.5°	523.3	546.1	566.0	583.1	599.9	615.7	628.7	639.3	647.5	654.4	659.8
65°	626.2	655.4	681.2	705.0	726.8	749.8	768.5	784.3	797.0	807.5	815.9
62.5°	734.3	770.1	803.4	835.6	867.2	898.3	922.2	944.0	963.3	979.9	993.2
60°	846.7	887.4	932.0	974.6	1013.8	1049.6	1085.1	1115.9	1142.2	1164.1	1181.8
57.5°	967.6	1020.3	1072.4	1125.3	1175.2	1222.0	1265.8	1304.4	1337.0	1363.8	1386.2
55°	1098.1	1164.0	1224.5	1291.2	1355.6	1414.3	1466.0	1511.4	1550.6	1583.5	1611.4
52.5°	1241.6	1321.7	1400.2	1476.1	1549.3	1617.4	1679.2	1732.1	1779.1	1819.4	1851.6
50°	1398.7	1490.2	1581.3	1665.7	1749.8	1828.2	1899.1	1960.4	2015.2	2062.5	2099.8
47.5°	1562.9	1667.1	1768.8	1865.4	1958.4	2045.7	2122.5	2192.4	2260.6	2316.2	2360.3
45°	1733.4	1850.3	1962.5	2073.0	2175.5	2273.2	2367.9	2455.0	2525.0	2586.3	2637.8
42.5°	1906.0	2036.4	2162.0	2282.6	2395.3	2508.3	2614.8	2710.0	2789.9	2859.6	2918.1
40°	2080.9	2223.6	2362.1	2493.5	2622.3	2745.5	2860.8	2961.2	3051.2	3134.0	3203.0
37.5°	2254.8	2412.0	2565.3	2712.5	2854.4	2987.9	3112.3	3225.8	3327.4	3421.7	3498.3
35°	2429.6	2602.0	2769.8	2931.8	3086.7	3234.0	3370.3	3499.4	3619.2	3714.7	3793.1
32.5°	2603.7	2789.0	2971.6	3150.0	3319.5	3478.3	3626.0	3768.7	3891.9	3996.9	4087.0
30°	2772.2	2972.9	3171.8	3365.1	3548.3	3720.4	3883.9	4034.8	4167.3	4282.1	4383.1
27.5°	2937.5	3153.1	3366.5	3573.1	3771.1	3958.1	4136.6	4300.2	4444.8	4569.6	4676.1
25°	3093.7	3325.5	3552.9	3772.0	3983.5	4189.8	4382.5	4561.0	4715.4	4852.4	4961.9
22.5°	3242.9	3490.1	3729.1	3959.6	4185.8	4408.1	4619.1	4805.5	4969.2	5112.4	5233.6
20°	3382.0	3646.8	3891.4	4135.1	4373.4	4610.8	4837.3	5034.0	5207.2	5359.6	5493.2
17.5°	3511.9	3783.6	4041.1	4300.6	4551.8	4800.8	5030.9	5241.7	5428.6	5590.5	5730.4
15°	3622.0	3896.3	4177.6	4454.6	4719.5	4971.7	5201.6	5421.7	5629.2	5804.3	5946.2
12.5°	3711.1	3996.4	4289.8	4583.9	4864.0	5115.8	5356.6	5579.9	5797.8	5994.5	6124.9
10°	3787.0	4080.8	4383.7	4683.6	4967.5	5234.0	5495.7	5731.8	5946.0	6122.1	6267.7
7.5°	3852.7	4155.3	4462.9	4763.3	5046.3	5321.6	5591.0	5841.8	6058.0	6223.9	6353.8
5°	3901.1	4210.9	4524.5	4827.6	5114.6	5390.7	5661.4	5909.0	6120.1	6288.9	6430.6
2.5°	3935.7	4248.5	4564.3	4867.9	5161.2	5438.1	5715.5	5965.9	6170.2	6324.9	6460.5
0°	3957.9	4271.1	4589.4	4900.0	5188.0	5455.7	5753.8	5988.7	6200.8	6354.9	6496.3
-2.5°	3935.7	4248.5	4564.3	4867.9	5161.2	5438.1	5715.5	5965.9	6170.2	6324.9	6460.5
-5°	3901.1	4210.9	4524.5	4827.6	5114.6	5390.7	5661.4	5909.0	6120.1	6288.9	6430.6
-7.5°	3852.7	4155.3	4462.9	4763.3	5046.3	5321.6	5591.0	5841.8	6058.0	6223.9	6353.8
-10°	3787.0	4080.8	4383.7	4683.6	4967.5	5234.0	5495.7	5731.8	5946.0	6122.1	6267.7
-12.5°	3711.1	3996.4	4289.8	4583.9	4864.0	5115.8	5356.6	5579.9	5797.8	5994.5	6124.9
-15°	3622.0	3896.3	4177.6	4454.6	4719.5	4971.7	5201.6	5421.7	5629.2	5804.3	5946.2
-17.5°	3511.9	3783.6	4041.1	4300.6	4551.8	4800.8	5030.9	5241.7	5428.6	5590.5	5730.4
-20°	3382.0	3646.8	3891.4	4135.1	4373.4	4610.8	4837.3	5034.0	5207.2	5359.6	5493.2



REPORT NUMBER: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3242.9	3490.1	3729.1	3959.6	4185.8	4408.1	4619.1	4805.5	4969.2	5112.4	5233.6
-25°	3093.7	3325.5	3552.9	3772.0	3983.5	4189.8	4382.5	4561.0	4715.4	4852.4	4961.9
-27.5°	2937.5	3153.1	3366.5	3573.1	3771.1	3958.1	4136.6	4300.2	4444.8	4569.6	4676.1
-30°	2772.2	2972.9	3171.8	3365.1	3548.3	3720.4	3883.9	4034.8	4167.3	4282.1	4383.1
-32.5°	2603.7	2789.0	2971.6	3150.0	3319.5	3478.3	3626.0	3768.7	3891.9	3996.9	4087.0
-35°	2429.6	2602.0	2769.8	2931.8	3086.7	3234.0	3370.3	3499.4	3619.2	3714.7	3793.1
-37.5°	2254.8	2412.0	2565.3	2712.5	2854.4	2987.9	3112.3	3225.8	3327.4	3421.7	3498.3
-40°	2080.9	2223.6	2362.1	2493.5	2622.3	2745.5	2860.8	2961.2	3051.2	3134.0	3203.0
-42.5°	1906.0	2036.4	2162.0	2282.6	2395.3	2508.3	2614.8	2710.0	2789.9	2859.6	2918.1
-45°	1733.4	1850.3	1962.5	2073.0	2175.5	2273.2	2367.9	2455.0	2525.0	2586.3	2637.8
-47.5°	1562.9	1667.1	1768.8	1865.4	1958.4	2045.7	2122.5	2192.4	2260.6	2316.2	2360.3
-50°	1398.7	1490.2	1581.3	1665.7	1749.8	1828.2	1899.1	1960.4	2015.2	2062.5	2099.8
-52.5°	1241.6	1321.7	1400.2	1476.1	1549.3	1617.4	1679.2	1732.1	1779.1	1819.4	1851.6
-55°	1098.1	1164.0	1224.5	1291.2	1355.6	1414.3	1466.0	1511.4	1550.6	1583.5	1611.4
-57.5°	967.6	1020.3	1072.4	1125.3	1175.2	1222.0	1265.8	1304.4	1337.0	1363.8	1386.2
-60°	846.7	887.4	932.0	974.6	1013.8	1049.6	1085.1	1115.9	1142.2	1164.1	1181.8
-62.5°	734.3	770.1	803.4	835.6	867.2	898.3	922.2	944.0	963.3	979.9	993.2
-65°	626.2	655.4	681.2	705.0	726.8	749.8	768.5	784.3	797.0	807.5	815.9
-67.5°	523.3	546.1	566.0	583.1	599.9	615.7	628.7	639.3	647.5	654.4	659.8
-70°	431.9	449.0	463.3	477.0	490.9	502.1	510.5	516.6	520.5	523.1	524.9
-72.5°	350.8	366.7	379.7	391.8	402.1	409.5	414.8	418.9	421.6	418.9	414.0
-75°	276.1	291.3	306.0	318.5	329.0	333.8	336.1	337.8	338.7	329.6	317.8
-77.5°	211.6	227.2	240.8	253.3	264.7	266.8	266.5	265.9	265.0	252.4	237.2
-80°	148.7	161.1	172.8	184.3	195.7	197.0	195.7	193.4	190.0	177.7	163.7
-82.5°	91.1	98.4	105.3	112.3	119.1	120.9	121.4	121.2	120.2	110.8	100.4
-85°	42.2	45.2	47.9	50.6	53.1	55.5	57.8	59.9	61.9	56.5	50.6
-87.5°	8.3	8.5	8.7	9.0	9.2	9.3	9.5	9.6	9.8	9.3	8.7
-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: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-U-VWR-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°	8.2	7.6	7.6	7.6	7.6	7.6	8.2	8.7	9.3	9.8	9.6
85°	44.3	37.7	35.3	32.8	35.3	37.7	44.3	50.6	56.5	61.9	59.9
82.5°	89.4	78.0	74.4	70.7	74.4	78.0	89.4	100.4	110.8	120.2	121.2
80°	149.0	133.5	127.4	121.2	127.4	133.5	149.0	163.7	177.7	190.0	193.4
77.5°	221.1	204.1	196.8	189.4	196.8	204.1	221.1	237.2	252.4	265.0	265.9
75°	305.3	292.0	284.0	275.3	284.0	292.0	305.3	317.8	329.6	338.7	337.8
72.5°	408.5	402.0	396.1	389.0	396.1	402.0	408.5	414.0	418.9	421.6	418.9
70°	525.5	524.6	525.7	525.4	525.7	524.6	525.5	524.9	523.1	520.5	516.6
67.5°	662.5	662.7	665.5	666.8	665.5	662.7	662.5	659.8	654.4	647.5	639.3
65°	821.1	823.1	822.4	818.4	822.4	823.1	821.1	815.9	807.5	797.0	784.3
62.5°	1002.6	1008.0	1011.0	1010.3	1011.0	1008.0	1002.6	993.2	979.9	963.3	944.0
60°	1194.9	1203.5	1207.8	1207.3	1207.8	1203.5	1194.9	1181.8	1164.1	1142.2	1115.9
57.5°	1403.0	1413.9	1416.5	1411.9	1416.5	1413.9	1403.0	1386.2	1363.8	1337.0	1304.4
55°	1632.5	1646.5	1651.9	1649.3	1651.9	1646.5	1632.5	1611.4	1583.5	1550.6	1511.4
52.5°	1875.1	1890.3	1895.7	1891.8	1895.7	1890.3	1875.1	1851.6	1819.4	1779.1	1732.1
50°	2127.2	2145.6	2153.0	2149.5	2153.0	2145.6	2127.2	2099.8	2062.5	2015.2	1960.4
47.5°	2394.7	2419.2	2428.7	2422.2	2428.7	2419.2	2394.7	2360.3	2316.2	2260.6	2192.4
45°	2676.3	2701.6	2711.4	2705.1	2711.4	2701.6	2676.3	2637.8	2586.3	2525.0	2455.0
42.5°	2962.9	2995.8	3009.7	2998.1	3009.7	2995.8	2962.9	2918.1	2859.6	2789.9	2710.0
40°	3254.5	3290.2	3306.7	3298.7	3306.7	3290.2	3254.5	3203.0	3134.0	3051.2	2961.2
37.5°	3553.5	3589.1	3606.6	3606.8	3606.6	3589.1	3553.5	3498.3	3421.7	3327.4	3225.8
35°	3853.8	3896.9	3921.2	3920.0	3921.2	3896.9	3853.8	3793.1	3714.7	3619.2	3499.4
32.5°	4158.2	4204.8	4229.7	4233.2	4229.7	4204.8	4158.2	4087.0	3996.9	3891.9	3768.7
30°	4462.1	4513.4	4542.2	4554.0	4542.2	4513.4	4462.1	4383.1	4282.1	4167.3	4034.8
27.5°	4756.8	4819.9	4863.4	4867.2	4863.4	4819.9	4756.8	4676.1	4569.6	4444.8	4300.2
25°	5042.3	5106.5	5151.1	5160.2	5151.1	5106.5	5042.3	4961.9	4852.4	4715.4	4561.0
22.5°	5323.6	5390.7	5431.9	5448.1	5431.9	5390.7	5323.6	5233.6	5112.4	4969.2	4805.5
20°	5592.1	5664.9	5708.5	5726.0	5708.5	5664.9	5592.1	5493.2	5359.6	5207.2	5034.0
17.5°	5835.1	5912.0	5965.9	5981.1	5965.9	5912.0	5835.1	5730.4	5590.5	5428.6	5241.7
15°	6048.9	6121.8	6173.0	6193.2	6173.0	6121.8	6048.9	5946.2	5804.3	5629.2	5421.7
12.5°	6222.9	6288.2	6328.2	6347.3	6328.2	6288.2	6222.9	6124.9	5994.5	5797.8	5579.9
10°	6358.9	6424.3	6462.7	6488.8	6462.7	6424.3	6358.9	6267.7	6122.1	5946.0	5731.8
7.5°	6476.9	6543.9	6590.8	6627.7	6590.8	6543.9	6476.9	6353.8	6223.9	6058.0	5841.8
5°	6542.1	6653.9	6670.8	6695.9	6670.8	6653.9	6542.1	6430.6	6288.9	6120.1	5909.0
2.5°	6591.7	6671.1	6718.8	6713.6	6718.8	6671.1	6591.7	6460.5	6324.9	6170.2	5965.9
0°	6627.7	6698.4	6716.1	6738.8	6716.1	6698.4	6627.7	6496.3	6354.9	6200.8	5988.7
-2.5°	6591.7	6671.1	6718.8	6713.6	6718.8	6671.1	6591.7	6460.5	6324.9	6170.2	5965.9
-5°	6542.1	6653.9	6670.8	6695.9	6670.8	6653.9	6542.1	6430.6	6288.9	6120.1	5909.0
-7.5°	6476.9	6543.9	6590.8	6627.7	6590.8	6543.9	6476.9	6353.8	6223.9	6058.0	5841.8
-10°	6358.9	6424.3	6462.7	6488.8	6462.7	6424.3	6358.9	6267.7	6122.1	5946.0	5731.8
-12.5°	6222.9	6288.2	6328.2	6347.3	6328.2	6288.2	6222.9	6124.9	5994.5	5797.8	5579.9
-15°	6048.9	6121.8	6173.0	6193.2	6173.0	6121.8	6048.9	5946.2	5804.3	5629.2	5421.7
-17.5°	5835.1	5912.0	5965.9	5981.1	5965.9	5912.0	5835.1	5730.4	5590.5	5428.6	5241.7
-20°	5592.1	5664.9	5708.5	5726.0	5708.5	5664.9	5592.1	5493.2	5359.6	5207.2	5034.0



REPORT NUMBER: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5323.6	5390.7	5431.9	5448.1	5431.9	5390.7	5323.6	5233.6	5112.4	4969.2	4805.5
-25°	5042.3	5106.5	5151.1	5160.2	5151.1	5106.5	5042.3	4961.9	4852.4	4715.4	4561.0
-27.5°	4756.8	4819.9	4863.4	4867.2	4863.4	4819.9	4756.8	4676.1	4569.6	4444.8	4300.2
-30°	4462.1	4513.4	4542.2	4554.0	4542.2	4513.4	4462.1	4383.1	4282.1	4167.3	4034.8
-32.5°	4158.2	4204.8	4229.7	4233.2	4229.7	4204.8	4158.2	4087.0	3996.9	3891.9	3768.7
-35°	3853.8	3896.9	3921.2	3920.0	3921.2	3896.9	3853.8	3793.1	3714.7	3619.2	3499.4
-37.5°	3553.5	3589.1	3606.6	3606.8	3606.6	3589.1	3553.5	3498.3	3421.7	3327.4	3225.8
-40°	3254.5	3290.2	3306.7	3298.7	3306.7	3290.2	3254.5	3203.0	3134.0	3051.2	2961.2
-42.5°	2962.9	2995.8	3009.7	2998.1	3009.7	2995.8	2962.9	2918.1	2859.6	2789.9	2710.0
-45°	2676.3	2701.6	2711.4	2705.1	2711.4	2701.6	2676.3	2637.8	2586.3	2525.0	2455.0
-47.5°	2394.7	2419.2	2428.7	2422.2	2428.7	2419.2	2394.7	2360.3	2316.2	2260.6	2192.4
-50°	2127.2	2145.6	2153.0	2149.5	2153.0	2145.6	2127.2	2099.8	2062.5	2015.2	1960.4
-52.5°	1875.1	1890.3	1895.7	1891.8	1895.7	1890.3	1875.1	1851.6	1819.4	1779.1	1732.1
-55°	1632.5	1646.5	1651.9	1649.3	1651.9	1646.5	1632.5	1611.4	1583.5	1550.6	1511.4
-57.5°	1403.0	1413.9	1416.5	1411.9	1416.5	1413.9	1403.0	1386.2	1363.8	1337.0	1304.4
-60°	1194.9	1203.5	1207.8	1207.3	1207.8	1203.5	1194.9	1181.8	1164.1	1142.2	1115.9
-62.5°	1002.6	1008.0	1011.0	1010.3	1011.0	1008.0	1002.6	993.2	979.9	963.3	944.0
-65°	821.1	823.1	822.4	818.4	822.4	823.1	821.1	815.9	807.5	797.0	784.3
-67.5°	662.5	662.7	665.5	666.8	665.5	662.7	662.5	659.8	654.4	647.5	639.3
-70°	525.5	524.6	525.7	525.4	525.7	524.6	525.5	524.9	523.1	520.5	516.6
-72.5°	408.5	402.0	396.1	389.0	396.1	402.0	408.5	414.0	418.9	421.6	418.9
-75°	305.3	292.0	284.0	275.3	284.0	292.0	305.3	317.8	329.6	338.7	337.8
-77.5°	221.1	204.1	196.8	189.4	196.8	204.1	221.1	237.2	252.4	265.0	265.9
-80°	149.0	133.5	127.4	121.2	127.4	133.5	149.0	163.7	177.7	190.0	193.4
-82.5°	89.4	78.0	74.4	70.7	74.4	78.0	89.4	100.4	110.8	120.2	121.2
-85°	44.3	37.7	35.3	32.8	35.3	37.7	44.3	50.6	56.5	61.9	59.9
-87.5°	8.2	7.6	7.6	7.6	7.6	7.6	8.2	8.7	9.3	9.8	9.6
-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: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-U-VWR-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°	9.5	9.3	9.2	9.0	8.7	8.5	8.3	8.0	7.7	7.4	7.1
85°	57.8	55.5	53.1	50.6	47.9	45.2	42.2	37.0	32.1	27.6	23.8
82.5°	121.4	120.9	119.1	112.3	105.3	98.4	91.1	80.2	69.5	59.1	50.0
80°	195.7	197.0	195.7	184.3	172.8	161.1	148.7	132.8	116.7	101.4	89.9
77.5°	266.5	266.8	264.7	253.3	240.8	227.2	211.6	192.5	173.3	153.9	139.2
75°	336.1	333.8	329.0	318.5	306.0	291.3	276.1	259.2	239.6	217.0	197.7
72.5°	414.8	409.5	402.1	391.8	379.7	366.7	350.8	332.2	311.7	289.1	268.7
70°	510.5	502.1	490.9	477.0	463.3	449.0	431.9	411.5	387.6	362.7	339.9
67.5°	628.7	615.7	599.9	583.1	566.0	546.1	523.3	498.3	473.6	445.9	414.7
65°	768.5	749.8	726.8	705.0	681.2	655.4	626.2	597.2	566.9	533.7	494.1
62.5°	922.2	898.3	867.2	835.6	803.4	770.1	734.3	698.7	662.6	623.5	578.9
60°	1085.1	1049.6	1013.8	974.6	932.0	887.4	846.7	803.5	757.8	713.5	664.6
57.5°	1265.8	1222.0	1175.2	1125.3	1072.4	1020.3	967.6	913.2	861.5	807.5	752.2
55°	1466.0	1414.3	1355.6	1291.2	1224.5	1164.0	1098.1	1032.1	969.9	904.4	843.4
52.5°	1679.2	1617.4	1549.3	1476.1	1400.2	1321.7	1241.6	1165.8	1084.8	1010.7	937.0
50°	1899.1	1828.2	1749.8	1665.7	1581.3	1490.2	1398.7	1307.6	1215.7	1124.8	1036.5
47.5°	2122.5	2045.7	1958.4	1865.4	1768.8	1667.1	1562.9	1453.3	1351.8	1246.3	1146.0
45°	2367.9	2273.2	2175.5	2073.0	1962.5	1850.3	1733.4	1613.5	1491.3	1375.3	1257.7
42.5°	2614.8	2508.3	2395.3	2282.6	2162.0	2036.4	1906.0	1773.9	1639.6	1505.9	1377.3
40°	2860.8	2745.5	2622.3	2493.5	2362.1	2223.6	2080.9	1933.9	1788.0	1641.0	1495.6
37.5°	3112.3	2987.9	2854.4	2712.5	2565.3	2412.0	2254.8	2095.7	1934.9	1776.6	1618.9
35°	3370.3	3234.0	3086.7	2931.8	2769.8	2602.0	2429.6	2255.3	2082.3	1911.2	1740.3
32.5°	3626.0	3478.3	3319.5	3150.0	2971.6	2789.0	2603.7	2415.4	2226.1	2043.3	1861.3
30°	3883.9	3720.4	3548.3	3365.1	3171.8	2972.9	2772.2	2572.7	2370.9	2169.8	1977.3
27.5°	4136.6	3958.1	3771.1	3573.1	3366.5	3153.1	2937.5	2724.6	2509.3	2295.5	2087.9
25°	4382.5	4189.8	3983.5	3772.0	3552.9	3325.5	3093.7	2868.5	2643.7	2414.9	2187.2
22.5°	4619.1	4408.1	4185.8	3959.6	3729.1	3490.1	3242.9	3000.3	2767.6	2521.9	2284.0
20°	4837.3	4610.8	4373.4	4135.1	3891.4	3646.8	3382.0	3123.9	2873.7	2621.4	2371.8
17.5°	5030.9	4800.8	4551.8	4300.6	4041.1	3783.6	3511.9	3236.3	2971.3	2709.7	2449.0
15°	5201.6	4971.7	4719.5	4454.6	4177.6	3896.3	3622.0	3335.7	3060.2	2787.9	2520.4
12.5°	5356.6	5115.8	4864.0	4583.9	4289.8	3996.4	3711.1	3422.8	3139.2	2859.3	2584.7
10°	5495.7	5234.0	4967.5	4683.6	4383.7	4080.8	3787.0	3496.0	3206.5	2920.5	2637.6
7.5°	5591.0	5321.6	5046.3	4763.3	4462.9	4155.3	3852.7	3554.9	3259.0	2969.2	2678.9
5°	5661.4	5390.7	5114.6	4827.6	4524.5	4210.9	3901.1	3597.5	3296.3	3004.9	2708.3
2.5°	5715.5	5438.1	5161.2	4867.9	4564.3	4248.5	3935.7	3629.6	3326.0	3031.0	2734.4
0°	5753.8	5455.7	5188.0	4900.0	4589.4	4271.1	3957.9	3649.8	3344.2	3043.6	2748.1
-2.5°	5715.5	5438.1	5161.2	4867.9	4564.3	4248.5	3935.7	3629.6	3326.0	3031.0	2734.4
-5°	5661.4	5390.7	5114.6	4827.6	4524.5	4210.9	3901.1	3597.5	3296.3	3004.9	2708.3
-7.5°	5591.0	5321.6	5046.3	4763.3	4462.9	4155.3	3852.7	3554.9	3259.0	2969.2	2678.9
-10°	5495.7	5234.0	4967.5	4683.6	4383.7	4080.8	3787.0	3496.0	3206.5	2920.5	2637.6
-12.5°	5356.6	5115.8	4864.0	4583.9	4289.8	3996.4	3711.1	3422.8	3139.2	2859.3	2584.7
-15°	5201.6	4971.7	4719.5	4454.6	4177.6	3896.3	3622.0	3335.7	3060.2	2787.9	2520.4
-17.5°	5030.9	4800.8	4551.8	4300.6	4041.1	3783.6	3511.9	3236.3	2971.3	2709.7	2449.0
-20°	4837.3	4610.8	4373.4	4135.1	3891.4	3646.8	3382.0	3123.9	2873.7	2621.4	2371.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4619.1	4408.1	4185.8	3959.6	3729.1	3490.1	3242.9	3000.3	2767.6	2521.9	2284.0
-25°	4382.5	4189.8	3983.5	3772.0	3552.9	3325.5	3093.7	2868.5	2643.7	2414.9	2187.2
-27.5°	4136.6	3958.1	3771.1	3573.1	3366.5	3153.1	2937.5	2724.6	2509.3	2295.5	2087.9
-30°	3883.9	3720.4	3548.3	3365.1	3171.8	2972.9	2772.2	2572.7	2370.9	2169.8	1977.3
-32.5°	3626.0	3478.3	3319.5	3150.0	2971.6	2789.0	2603.7	2415.4	2226.1	2043.3	1861.3
-35°	3370.3	3234.0	3086.7	2931.8	2769.8	2602.0	2429.6	2255.3	2082.3	1911.2	1740.3
-37.5°	3112.3	2987.9	2854.4	2712.5	2565.3	2412.0	2254.8	2095.7	1934.9	1776.6	1618.9
-40°	2860.8	2745.5	2622.3	2493.5	2362.1	2223.6	2080.9	1933.9	1788.0	1641.0	1495.6
-42.5°	2614.8	2508.3	2395.3	2282.6	2162.0	2036.4	1906.0	1773.9	1639.6	1505.9	1377.3
-45°	2367.9	2273.2	2175.5	2073.0	1962.5	1850.3	1733.4	1613.5	1491.3	1375.3	1257.7
-47.5°	2122.5	2045.7	1958.4	1865.4	1768.8	1667.1	1562.9	1453.3	1351.8	1246.3	1146.0
-50°	1899.1	1828.2	1749.8	1665.7	1581.3	1490.2	1398.7	1307.6	1215.7	1124.8	1036.5
-52.5°	1679.2	1617.4	1549.3	1476.1	1400.2	1321.7	1241.6	1165.8	1084.8	1010.7	937.0
-55°	1466.0	1414.3	1355.6	1291.2	1224.5	1164.0	1098.1	1032.1	969.9	904.4	843.4
-57.5°	1265.8	1222.0	1175.2	1125.3	1072.4	1020.3	967.6	913.2	861.5	807.5	752.2
-60°	1085.1	1049.6	1013.8	974.6	932.0	887.4	846.7	803.5	757.8	713.5	664.6
-62.5°	922.2	898.3	867.2	835.6	803.4	770.1	734.3	698.7	662.6	623.5	578.9
-65°	768.5	749.8	726.8	705.0	681.2	655.4	626.2	597.2	566.9	533.7	494.1
-67.5°	628.7	615.7	599.9	583.1	566.0	546.1	523.3	498.3	473.6	445.9	414.7
-70°	510.5	502.1	490.9	477.0	463.3	449.0	431.9	411.5	387.6	362.7	339.9
-72.5°	414.8	409.5	402.1	391.8	379.7	366.7	350.8	332.2	311.7	289.1	268.7
-75°	336.1	333.8	329.0	318.5	306.0	291.3	276.1	259.2	239.6	217.0	197.7
-77.5°	266.5	266.8	264.7	253.3	240.8	227.2	211.6	192.5	173.3	153.9	139.2
-80°	195.7	197.0	195.7	184.3	172.8	161.1	148.7	132.8	116.7	101.4	89.9
-82.5°	121.4	120.9	119.1	112.3	105.3	98.4	91.1	80.2	69.5	59.1	50.0
-85°	57.8	55.5	53.1	50.6	47.9	45.2	42.2	37.0	32.1	27.6	23.8
-87.5°	9.5	9.3	9.2	9.0	8.7	8.5	8.3	8.0	7.7	7.4	7.1
-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: P626931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-VWR-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°	7.2	7.3	7.3	7.2	6.4	5.7	4.9	4.3	3.9	3.5	3.0
85°	23.9	23.3	22.0	20.0	15.7	11.3	9.9	8.5	7.7	6.9	6.1
82.5°	49.8	50.3	50.3	48.8	43.1	37.0	30.7	24.2	17.9	11.4	9.1
80°	90.0	89.1	86.9	82.8	73.4	62.7	54.7	46.4	38.3	29.8	21.0
77.5°	136.1	132.3	127.5	122.1	112.1	100.3	86.8	71.5	58.5	48.1	37.2
75°	187.7	181.5	174.8	165.8	152.9	138.2	123.4	105.5	85.6	67.0	53.4
72.5°	252.3	237.3	223.9	211.3	197.3	180.9	162.0	138.9	114.8	92.1	70.7
70°	317.7	295.3	275.2	258.0	241.2	224.0	203.2	174.8	143.5	116.7	91.5
67.5°	384.2	357.6	330.8	305.0	283.9	263.6	243.5	210.5	174.6	140.7	111.9
65°	457.6	422.1	388.0	356.2	327.4	302.1	278.5	243.9	204.8	166.7	131.6
62.5°	533.1	487.8	447.4	406.9	371.1	340.3	312.0	273.8	233.6	191.8	152.3
60°	612.5	561.0	507.3	460.0	416.0	377.0	342.8	303.3	260.6	216.0	172.8
57.5°	696.1	635.6	575.2	515.4	462.7	415.9	372.7	331.2	287.2	239.8	191.9
55°	780.9	715.6	644.3	576.8	512.1	456.5	404.4	358.0	312.8	263.2	208.4
52.5°	865.7	794.0	717.4	639.6	567.1	497.5	439.4	384.1	336.4	286.1	225.6
50°	954.5	872.3	790.2	706.1	621.8	545.5	473.1	414.0	359.2	307.9	241.9
47.5°	1046.8	955.3	863.9	772.0	681.6	591.5	512.4	443.4	381.4	327.6	257.0
45°	1148.0	1040.9	939.9	840.5	738.3	641.2	552.3	471.4	406.4	342.9	271.0
42.5°	1249.2	1131.4	1018.5	907.9	797.6	690.5	590.0	504.5	430.4	357.5	283.9
40°	1356.8	1222.2	1097.0	977.1	855.5	737.5	631.8	536.7	452.9	372.8	296.0
37.5°	1461.5	1315.3	1177.7	1043.0	912.2	788.1	672.1	566.9	474.2	389.9	307.6
35°	1572.2	1408.8	1252.3	1109.5	970.6	836.2	709.7	597.3	498.8	406.5	318.4
32.5°	1679.2	1500.2	1332.4	1175.0	1026.4	881.5	748.5	629.5	522.4	422.7	328.6
30°	1784.3	1592.0	1409.1	1237.0	1080.4	929.0	787.3	659.6	544.9	438.3	338.8
27.5°	1881.3	1677.0	1482.6	1301.0	1133.4	974.1	823.9	687.6	566.3	454.4	350.6
25°	1971.6	1758.8	1555.2	1362.7	1182.7	1016.8	857.7	713.4	588.1	471.1	361.6
22.5°	2056.3	1834.7	1620.9	1419.4	1228.3	1056.0	890.7	740.9	608.7	486.6	371.6
20°	2133.3	1903.1	1679.8	1470.9	1272.7	1093.4	922.3	765.6	627.1	500.5	380.7
17.5°	2202.7	1965.6	1736.0	1519.0	1314.1	1126.6	950.5	787.4	643.3	513.0	388.6
15°	2267.1	2022.4	1785.6	1561.0	1349.9	1155.5	975.0	806.1	657.2	523.8	396.2
12.5°	2322.4	2071.1	1827.7	1596.7	1380.1	1180.0	995.7	821.8	668.7	533.6	403.4
10°	2368.0	2111.4	1862.1	1625.9	1404.5	1199.9	1012.6	835.1	679.5	542.1	408.9
7.5°	2403.5	2142.9	1888.7	1648.4	1423.8	1216.5	1026.9	846.5	688.2	548.6	412.7
5°	2430.3	2167.5	1911.7	1667.3	1441.6	1230.0	1037.3	854.7	694.5	553.1	414.9
2.5°	2454.2	2186.0	1929.8	1679.5	1453.7	1238.8	1043.6	859.7	698.3	555.5	415.4
0°	2467.7	2194.9	1939.8	1684.7	1459.9	1242.7	1045.7	861.3	699.6	555.7	414.2
-2.5°	2454.2	2186.0	1929.8	1679.5	1453.7	1238.8	1043.6	859.7	698.3	555.5	415.4
-5°	2430.3	2167.5	1911.7	1667.3	1441.6	1230.0	1037.3	854.7	694.5	553.1	414.9
-7.5°	2403.5	2142.9	1888.7	1648.4	1423.8	1216.5	1026.9	846.5	688.2	548.6	412.7
-10°	2368.0	2111.4	1862.1	1625.9	1404.5	1199.9	1012.6	835.1	679.5	542.1	408.9
-12.5°	2322.4	2071.1	1827.7	1596.7	1380.1	1180.0	995.7	821.8	668.7	533.6	403.4
-15°	2267.1	2022.4	1785.6	1561.0	1349.9	1155.5	975.0	806.1	657.2	523.8	396.2
-17.5°	2202.7	1965.6	1736.0	1519.0	1314.1	1126.6	950.5	787.4	643.3	513.0	388.6
-20°	2133.3	1903.1	1679.8	1470.9	1272.7	1093.4	922.3	765.6	627.1	500.5	380.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2056.3	1834.7	1620.9	1419.4	1228.3	1056.0	890.7	740.9	608.7	486.6	371.6
-25°	1971.6	1758.8	1555.2	1362.7	1182.7	1016.8	857.7	713.4	588.1	471.1	361.6
-27.5°	1881.3	1677.0	1482.6	1301.0	1133.4	974.1	823.9	687.6	566.3	454.4	350.6
-30°	1784.3	1592.0	1409.1	1237.0	1080.4	929.0	787.3	659.6	544.9	438.3	338.8
-32.5°	1679.2	1500.2	1332.4	1175.0	1026.4	881.5	748.5	629.5	522.4	422.7	328.6
-35°	1572.2	1408.8	1252.3	1109.5	970.6	836.2	709.7	597.3	498.8	406.5	318.4
-37.5°	1461.5	1315.3	1177.7	1043.0	912.2	788.1	672.1	566.9	474.2	389.9	307.6
-40°	1356.8	1222.2	1097.0	977.1	855.5	737.5	631.8	536.7	452.9	372.8	296.0
-42.5°	1249.2	1131.4	1018.5	907.9	797.6	690.5	590.0	504.5	430.4	357.5	283.9
-45°	1148.0	1040.9	939.9	840.5	738.3	641.2	552.3	471.4	406.4	342.9	271.0
-47.5°	1046.8	955.3	863.9	772.0	681.6	591.5	512.4	443.4	381.4	327.6	257.0
-50°	954.5	872.3	790.2	706.1	621.8	545.5	473.1	414.0	359.2	307.9	241.9
-52.5°	865.7	794.0	717.4	639.6	567.1	497.5	439.4	384.1	336.4	286.1	225.6
-55°	780.9	715.6	644.3	576.8	512.1	456.5	404.4	358.0	312.8	263.2	208.4
-57.5°	696.1	635.6	575.2	515.4	462.7	415.9	372.7	331.2	287.2	239.8	191.9
-60°	612.5	561.0	507.3	460.0	416.0	377.0	342.8	303.3	260.6	216.0	172.8
-62.5°	533.1	487.8	447.4	406.9	371.1	340.3	312.0	273.8	233.6	191.8	152.3
-65°	457.6	422.1	388.0	356.2	327.4	302.1	278.5	243.9	204.8	166.7	131.6
-67.5°	384.2	357.6	330.8	305.0	283.9	263.6	243.5	210.5	174.6	140.7	111.9
-70°	317.7	295.3	275.2	258.0	241.2	224.0	203.2	174.8	143.5	116.7	91.5
-72.5°	252.3	237.3	223.9	211.3	197.3	180.9	162.0	138.9	114.8	92.1	70.7
-75°	187.7	181.5	174.8	165.8	152.9	138.2	123.4	105.5	85.6	67.0	53.4
-77.5°	136.1	132.3	127.5	122.1	112.1	100.3	86.8	71.5	58.5	48.1	37.2
-80°	90.0	89.1	86.9	82.8	73.4	62.7	54.7	46.4	38.3	29.8	21.0
-82.5°	49.8	50.3	50.3	48.8	43.1	37.0	30.7	24.2	17.9	11.4	9.1
-85°	23.9	23.3	22.0	20.0	15.7	11.3	9.9	8.5	7.7	6.9	6.1
-87.5°	7.2	7.3	7.3	7.2	6.4	5.7	4.9	4.3	3.9	3.5	3.0
-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):

	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°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.2	4.4	3.5	2.6	1.8	0.8	0.0
82.5°	7.8	6.5	5.2	3.9	2.6	1.2	0.0
80°	11.8	8.7	7.0	5.2	3.5	1.5	0.0
77.5°	25.7	13.6	8.7	6.5	4.3	1.9	0.0
75°	39.2	23.6	11.3	7.8	5.2	2.3	0.0
72.5°	52.3	33.3	18.1	9.1	6.0	2.6	0.0
70°	65.4	42.6	24.6	10.9	6.8	3.0	0.0
67.5°	81.2	51.6	30.9	14.9	7.6	3.3	0.0
65°	96.2	61.6	36.8	18.8	8.3	3.7	0.0
62.5°	110.5	72.6	42.5	22.5	9.1	4.0	0.0
60°	124.0	82.9	47.8	26.0	9.8	4.3	0.0
57.5°	138.1	92.7	54.9	29.3	11.7	4.6	0.0
55°	151.6	101.7	61.7	32.3	13.6	4.9	0.0
52.5°	164.0	110.3	68.0	35.2	15.5	5.2	0.0
50°	175.4	119.5	73.8	37.8	17.3	5.5	0.0
47.5°	186.1	127.8	79.1	40.5	18.9	5.8	0.0
45°	198.0	135.4	83.8	44.0	20.5	6.0	0.0
42.5°	208.9	142.1	88.0	47.1	22.1	6.2	0.0
40°	218.7	147.9	92.2	50.4	23.5	6.4	0.0
37.5°	227.6	152.9	96.4	53.6	24.8	6.6	0.0
35°	235.4	158.7	100.0	56.6	26.1	6.8	0.0
32.5°	242.6	164.4	103.0	59.3	27.2	7.0	0.0
30°	250.1	169.4	105.5	61.9	28.2	7.1	0.0
27.5°	256.8	173.5	109.1	64.1	29.2	7.3	0.0
25°	262.7	176.7	112.5	66.2	30.0	7.4	0.0
22.5°	267.8	179.9	115.5	68.0	30.8	7.5	0.0
20°	272.0	184.4	118.0	69.5	31.4	7.5	0.0
17.5°	277.3	188.1	120.2	70.8	31.9	7.6	0.0
15°	282.7	190.9	121.9	71.9	32.4	7.7	0.0
12.5°	287.2	193.0	123.3	72.7	32.7	7.7	0.0
10°	290.5	194.2	124.2	73.3	32.9	7.7	0.0
7.5°	292.8	194.8	124.7	73.6	33.0	7.7	0.0
5°	294.0	194.5	124.8	73.7	33.1	7.7	0.0
2.5°	294.1	193.6	124.5	73.6	33.0	7.6	0.0
0°	293.0	192.0	123.8	73.2	32.8	7.6	0.0
-2.5°	294.1	193.6	124.5	73.6	33.0	7.6	0.0
-5°	294.0	194.5	124.8	73.7	33.1	7.7	0.0
-7.5°	292.8	194.8	124.7	73.6	33.0	7.7	0.0
-10°	290.5	194.2	124.2	73.3	32.9	7.7	0.0
-12.5°	287.2	193.0	123.3	72.7	32.7	7.7	0.0
-15°	282.7	190.9	121.9	71.9	32.4	7.7	0.0
-17.5°	277.3	188.1	120.2	70.8	31.9	7.6	0.0
-20°	272.0	184.4	118.0	69.5	31.4	7.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	267.8	179.9	115.5	68.0	30.8	7.5	0.0
-25°	262.7	176.7	112.5	66.2	30.0	7.4	0.0
-27.5°	256.8	173.5	109.1	64.1	29.2	7.3	0.0
-30°	250.1	169.4	105.5	61.9	28.2	7.1	0.0
-32.5°	242.6	164.4	103.0	59.3	27.2	7.0	0.0
-35°	235.4	158.7	100.0	56.6	26.1	6.8	0.0
-37.5°	227.6	152.9	96.4	53.6	24.8	6.6	0.0
-40°	218.7	147.9	92.2	50.4	23.5	6.4	0.0
-42.5°	208.9	142.1	88.0	47.1	22.1	6.2	0.0
-45°	198.0	135.4	83.8	44.0	20.5	6.0	0.0
-47.5°	186.1	127.8	79.1	40.5	18.9	5.8	0.0
-50°	175.4	119.5	73.8	37.8	17.3	5.5	0.0
-52.5°	164.0	110.3	68.0	35.2	15.5	5.2	0.0
-55°	151.6	101.7	61.7	32.3	13.6	4.9	0.0
-57.5°	138.1	92.7	54.9	29.3	11.7	4.6	0.0
-60°	124.0	82.9	47.8	26.0	9.8	4.3	0.0
-62.5°	110.5	72.6	42.5	22.5	9.1	4.0	0.0
-65°	96.2	61.6	36.8	18.8	8.3	3.7	0.0
-67.5°	81.2	51.6	30.9	14.9	7.6	3.3	0.0
-70°	65.4	42.6	24.6	10.9	6.8	3.0	0.0
-72.5°	52.3	33.3	18.1	9.1	6.0	2.6	0.0
-75°	39.2	23.6	11.3	7.8	5.2	2.3	0.0
-77.5°	25.7	13.6	8.7	6.5	4.3	1.9	0.0
-80°	11.8	8.7	7.0	5.2	3.5	1.5	0.0
-82.5°	7.8	6.5	5.2	3.9	2.6	1.2	0.0
-85°	5.2	4.4	3.5	2.6	1.8	0.8	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)