

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: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626973 (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-SA2D-730-U-WR-XX
 Description: GALLEON FLOOD, TWO LIGHT SQUARE, WIDE SYMMETRICAL ROUND N46
 Light Source: (32) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

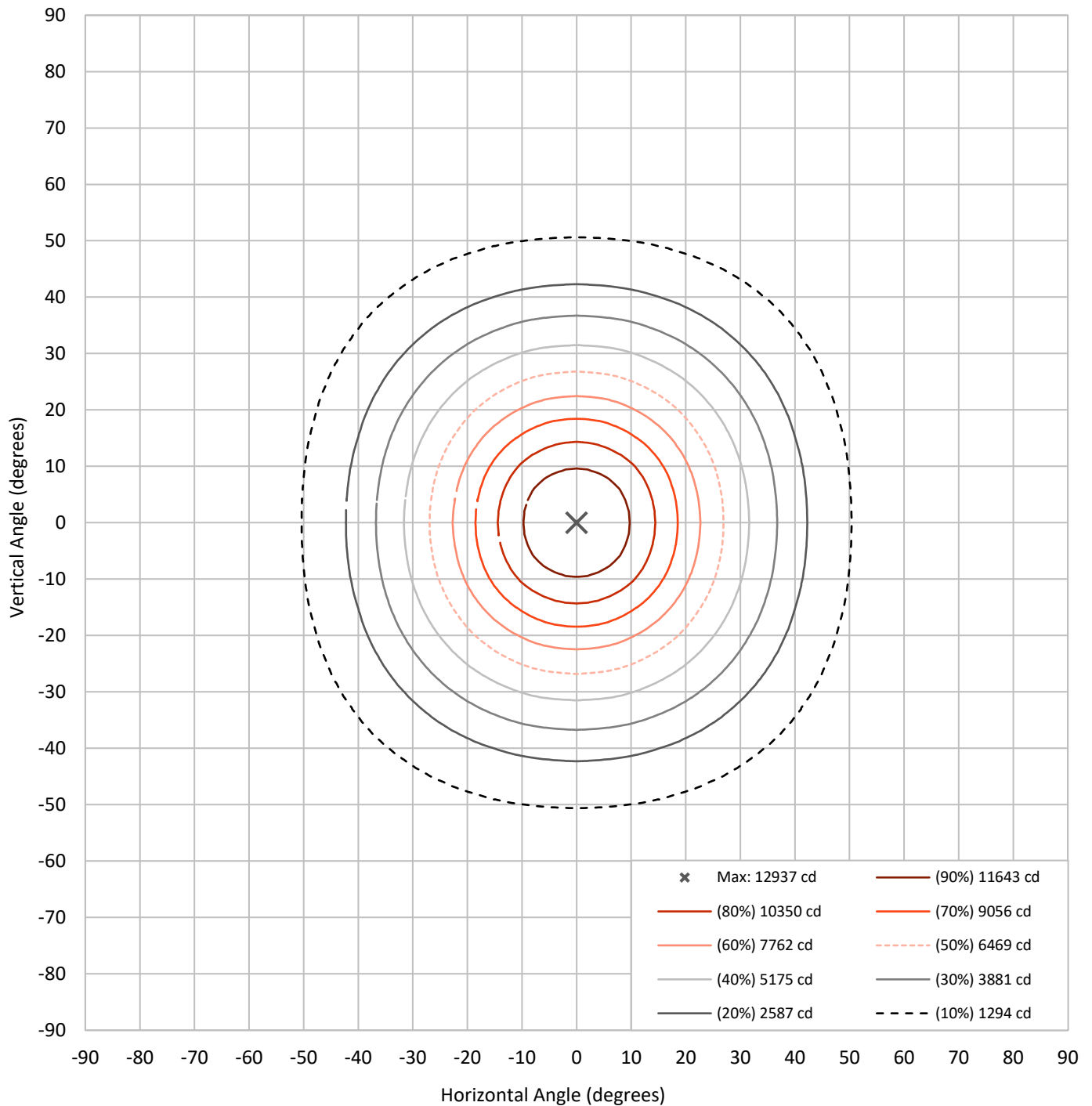
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13166.8 lumens	Max Intensity:	12937 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	6295.6 lumens	Field Lumens:	11620.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





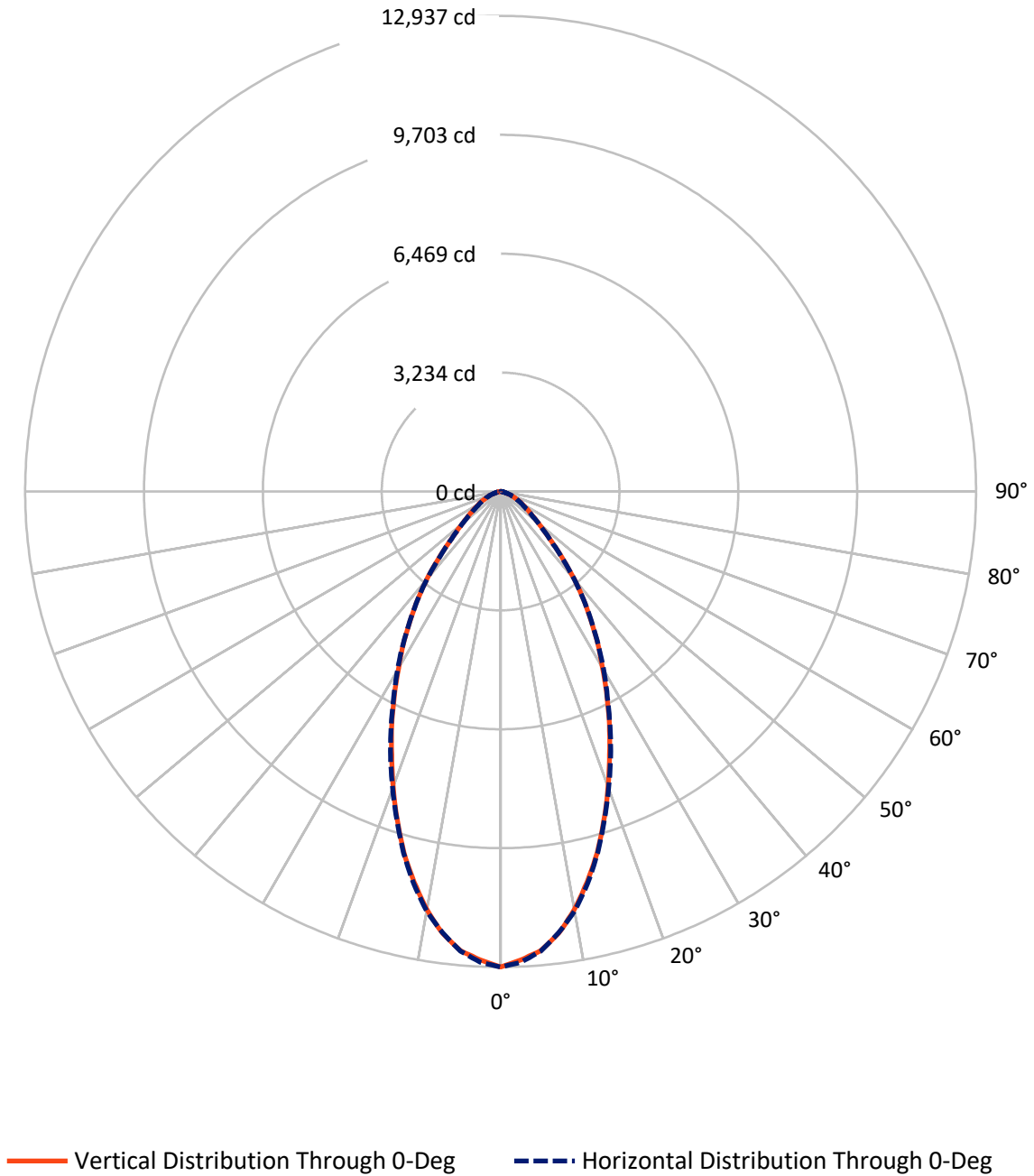
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Lumen Table

90															90				
80	0.5	3.6		8.3		13.8		11.8		13.8		8.3		3.6		0.5			
70															70				
60	1.7	2.0	3.8	6.1	8.8	11.4	13.4	14.3	14.3	13.4	11.4	8.8	6.1	3.8	2.0	1.7			
50		2.8	5.7	9.9	15.2	20.8	26.0	29.0	29.0	26.0	20.8	15.2	9.9	5.7	2.8				
40	2.5	3.6	7.9	14.7	24.9	38.2	52.7	62.3	62.3	52.7	38.2	24.9	14.7	7.9	3.6	2.5			
30		4.4	10.3	21.4	41.7	74.1	107.7	127.7	127.7	107.7	74.1	41.7	21.4	10.3	4.4				
20	3.0	5.1	12.9	30.0	67.5	121.3	173.5	207.4	207.4	173.5	121.3	67.5	30.0	12.9	5.1	3.0			
10		5.7	15.1	38.9	92.1	163.7	241.8	297.4	297.4	241.8	163.7	92.1	38.9	15.1	5.7				
0	3.1	6.0	16.4	44.7	106.0	190.4	289.7	364.3	364.3	289.7	190.4	106.0	44.7	16.4	6.0	3.1			
-10		6.0	16.4	44.7	106.0	190.4	289.7	364.3	364.3	289.7	190.4	106.0	44.7	16.4	6.0				
-20	3.0	5.7	15.1	38.9	92.1	163.7	241.8	297.4	297.4	241.8	163.7	92.1	38.9	15.1	5.7	3.0			
-30		5.1	12.9	30.0	67.5	121.3	173.5	207.4	207.4	173.5	121.3	67.5	30.0	12.9	5.1				
-40	2.5	4.4	10.3	21.4	41.7	74.1	107.7	127.7	127.7	107.7	74.1	41.7	21.4	10.3	4.4	2.5			
-50		3.6	7.9	14.7	24.9	38.2	52.7	62.3	62.3	52.7	38.2	24.9	14.7	7.9	3.6				
-60	1.7	2.8	5.7	9.9	15.2	20.8	26.0	29.0	29.0	26.0	20.8	15.2	9.9	5.7	2.8	1.7			
-70		2.0	3.8	6.1	8.8	11.4	13.4	14.3	14.3	13.4	11.4	8.8	6.1	3.8	2.0				
-80															-80				
-90	0.5	3.6		8.3		13.8		11.8		13.8		8.3		3.6		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

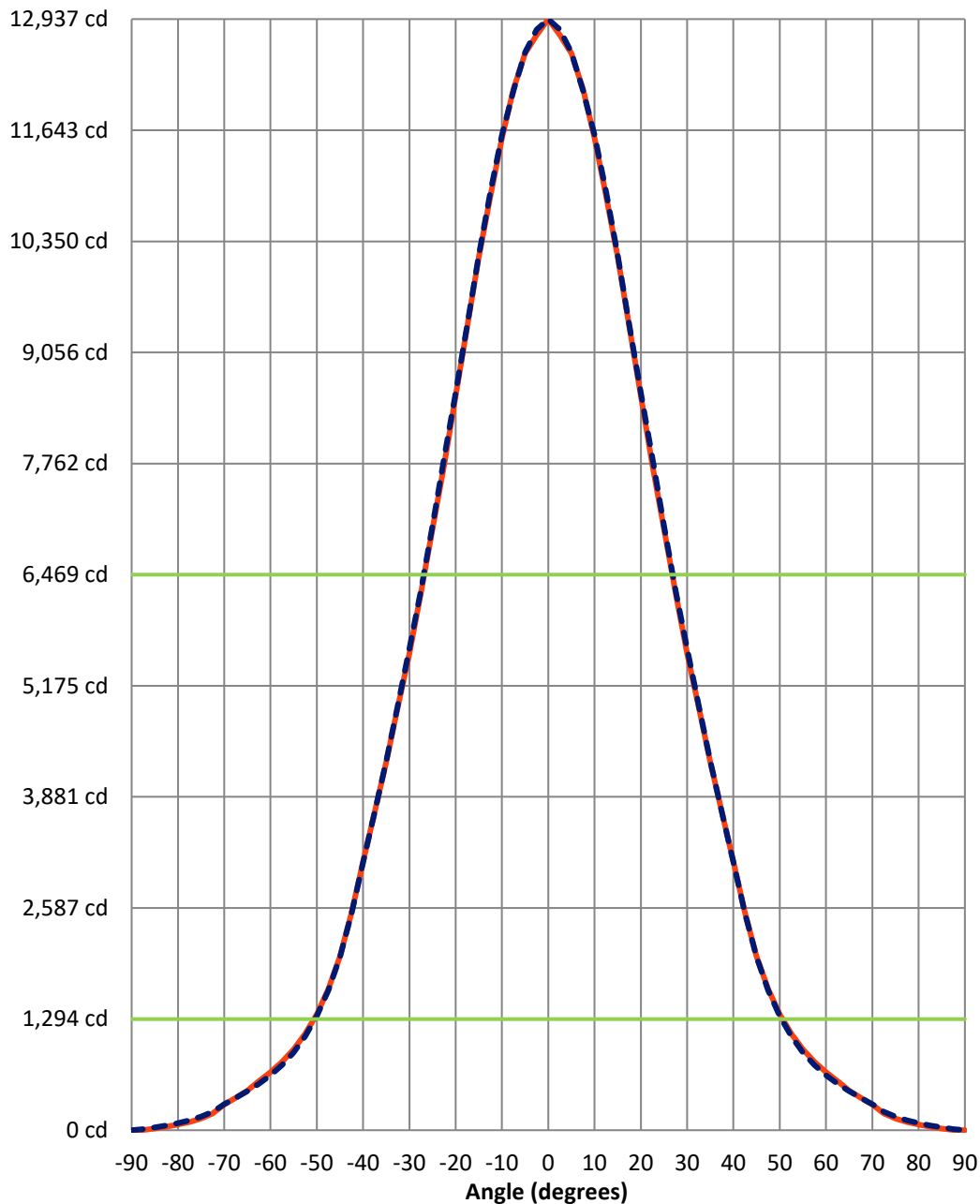
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 6295.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 11620.2
 Efficiency: 88.3%

Spill:
 Lumens: 1546.6
 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	0.7	1.5	2.5	3.6	4.8	6.2	6.8	7.4	7.8	8.1
85°	0.0	1.3	3.0	4.9	7.1	9.6	12.3	13.6	14.7	15.6	16.2
82.5°	0.0	2.0	4.5	7.4	10.7	14.3	18.4	20.4	22.5	26.1	29.2
80°	0.0	2.6	6.0	9.8	14.2	19.0	24.9	31.0	36.2	40.9	45.1
77.5°	0.0	3.3	7.5	12.2	17.6	24.7	35.6	43.4	49.9	55.8	61.6
75°	0.0	3.9	8.9	14.6	21.3	32.3	45.9	55.8	63.6	71.6	80.1
72.5°	0.0	4.5	10.3	16.9	26.4	39.7	55.9	67.9	77.4	87.5	98.4
70°	0.0	5.1	11.7	19.3	31.3	46.7	65.4	79.4	90.9	103.2	117.7
67.5°	0.0	5.7	13.0	22.3	36.0	53.5	73.7	90.7	104.2	119.4	136.8
65°	0.0	6.3	14.3	25.2	40.5	59.7	81.5	101.7	117.2	135.1	154.9
62.5°	0.0	6.9	15.6	27.9	44.7	65.4	88.9	112.1	129.8	150.1	171.7
60°	0.0	7.4	16.8	30.4	48.6	70.7	95.9	122.0	141.8	164.5	188.0
57.5°	0.0	7.9	18.2	32.8	52.3	75.7	102.2	130.9	153.9	178.6	203.0
55°	0.0	8.4	19.6	35.0	55.7	80.3	107.9	138.0	165.7	192.0	217.4
52.5°	0.0	8.9	21.0	37.0	58.8	84.4	113.3	145.7	177.1	204.8	231.5
50°	0.0	9.4	22.2	38.9	61.6	88.3	118.1	153.0	188.1	217.3	246.9
47.5°	0.0	9.8	23.5	40.5	64.2	91.8	122.5	159.6	198.9	229.4	262.0
45°	0.0	10.2	24.6	42.2	66.4	94.8	127.6	165.5	206.7	242.5	276.6
42.5°	0.0	10.6	25.7	43.6	68.4	97.5	132.0	171.3	213.8	255.1	291.8
40°	0.0	10.9	26.7	45.2	70.1	99.8	135.9	177.0	220.8	266.9	306.5
37.5°	0.0	11.3	27.7	46.9	71.7	101.6	139.3	182.1	228.5	276.2	320.4
35°	0.0	11.6	28.6	48.4	72.9	103.7	142.1	186.7	235.9	286.4	334.6
32.5°	0.0	11.8	29.4	49.7	73.9	105.7	144.6	190.7	242.9	296.7	349.1
30°	0.0	12.1	30.1	51.0	74.6	107.2	147.5	194.5	249.5	307.2	362.9
27.5°	0.0	12.3	30.8	52.1	76.2	108.3	149.8	199.3	256.5	317.7	375.7
25°	0.0	12.5	31.4	53.0	77.7	108.9	151.6	203.7	264.2	328.0	387.8
22.5°	0.0	12.6	31.9	53.8	79.0	109.8	152.9	207.4	271.6	337.5	400.9
20°	0.0	12.8	32.3	54.5	80.2	111.8	153.7	210.6	278.6	346.0	412.6
17.5°	0.0	12.9	32.7	55.0	81.2	113.4	155.4	213.2	285.0	353.5	423.0
15°	0.0	12.9	32.9	55.4	81.9	114.7	157.5	215.7	290.8	359.9	431.9
12.5°	0.0	13.0	33.1	55.7	82.5	115.6	159.0	217.9	295.7	365.3	439.2
10°	0.0	13.0	33.2	55.8	82.9	116.2	159.9	219.1	299.5	369.8	445.2
7.5°	0.0	13.0	33.3	55.8	83.0	116.5	160.3	219.4	302.1	373.3	449.9
5°	0.0	13.0	33.2	55.6	83.0	116.4	160.1	218.7	303.6	375.6	453.0
2.5°	0.0	12.9	33.1	55.3	82.8	115.9	159.4	217.2	303.8	376.8	454.5
0°	0.0	12.8	32.9	54.9	82.3	115.2	158.2	214.9	302.6	376.7	454.4
-2.5°	0.0	12.9	33.1	55.3	82.8	115.9	159.4	217.2	303.8	376.8	454.5
-5°	0.0	13.0	33.2	55.6	83.0	116.4	160.1	218.7	303.6	375.6	453.0
-7.5°	0.0	13.0	33.3	55.8	83.0	116.5	160.3	219.4	302.1	373.3	449.9
-10°	0.0	13.0	33.2	55.8	82.9	116.2	159.9	219.1	299.5	369.8	445.2
-12.5°	0.0	13.0	33.1	55.7	82.5	115.6	159.0	217.9	295.7	365.3	439.2
-15°	0.0	12.9	32.9	55.4	81.9	114.7	157.5	215.7	290.8	359.9	431.9
-17.5°	0.0	12.9	32.7	55.0	81.2	113.4	155.4	213.2	285.0	353.5	423.0
-20°	0.0	12.8	32.3	54.5	80.2	111.8	153.7	210.6	278.6	346.0	412.6

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CATALOG NUMBER: GFLD-SA2D-730-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	12.6	31.9	53.8	79.0	109.8	152.9	207.4	271.6	337.5	400.9
-25°	0.0	12.5	31.4	53.0	77.7	108.9	151.6	203.7	264.2	328.0	387.8
-27.5°	0.0	12.3	30.8	52.1	76.2	108.3	149.8	199.3	256.5	317.7	375.7
-30°	0.0	12.1	30.1	51.0	74.6	107.2	147.5	194.5	249.5	307.2	362.9
-32.5°	0.0	11.8	29.4	49.7	73.9	105.7	144.6	190.7	242.9	296.7	349.1
-35°	0.0	11.6	28.6	48.4	72.9	103.7	142.1	186.7	235.9	286.4	334.6
-37.5°	0.0	11.3	27.7	46.9	71.7	101.6	139.3	182.1	228.5	276.2	320.4
-40°	0.0	10.9	26.7	45.2	70.1	99.8	135.9	177.0	220.8	266.9	306.5
-42.5°	0.0	10.6	25.7	43.6	68.4	97.5	132.0	171.3	213.8	255.1	291.8
-45°	0.0	10.2	24.6	42.2	66.4	94.8	127.6	165.5	206.7	242.5	276.6
-47.5°	0.0	9.8	23.5	40.5	64.2	91.8	122.5	159.6	198.9	229.4	262.0
-50°	0.0	9.4	22.2	38.9	61.6	88.3	118.1	153.0	188.1	217.3	246.9
-52.5°	0.0	8.9	21.0	37.0	58.8	84.4	113.3	145.7	177.1	204.8	231.5
-55°	0.0	8.4	19.6	35.0	55.7	80.3	107.9	138.0	165.7	192.0	217.4
-57.5°	0.0	7.9	18.2	32.8	52.3	75.7	102.2	130.9	153.9	178.6	203.0
-60°	0.0	7.4	16.8	30.4	48.6	70.7	95.9	122.0	141.8	164.5	188.0
-62.5°	0.0	6.9	15.6	27.9	44.7	65.4	88.9	112.1	129.8	150.1	171.7
-65°	0.0	6.3	14.3	25.2	40.5	59.7	81.5	101.7	117.2	135.1	154.9
-67.5°	0.0	5.7	13.0	22.3	36.0	53.5	73.7	90.7	104.2	119.4	136.8
-70°	0.0	5.1	11.7	19.3	31.3	46.7	65.4	79.4	90.9	103.2	117.7
-72.5°	0.0	4.5	10.3	16.9	26.4	39.7	55.9	67.9	77.4	87.5	98.4
-75°	0.0	3.9	8.9	14.6	21.3	32.3	45.9	55.8	63.6	71.6	80.1
-77.5°	0.0	3.3	7.5	12.2	17.6	24.7	35.6	43.4	49.9	55.8	61.6
-80°	0.0	2.6	6.0	9.8	14.2	19.0	24.9	31.0	36.2	40.9	45.1
-82.5°	0.0	2.0	4.5	7.4	10.7	14.3	18.4	20.4	22.5	26.1	29.2
-85°	0.0	1.3	3.0	4.9	7.1	9.6	12.3	13.6	14.7	15.6	16.2
-87.5°	0.0	0.7	1.5	2.5	3.6	4.8	6.2	6.8	7.4	7.8	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	8.2	8.2	8.1	7.9	7.5	7.0	6.5	5.8	6.0	6.3	6.5
85°	16.5	16.5	17.8	19.1	19.7	19.8	19.4	18.5	20.9	23.7	26.7
82.5°	32.2	35.0	37.6	40.1	40.4	39.7	38.5	37.0	41.9	47.9	54.1
80°	49.3	53.5	58.2	62.6	63.7	63.2	61.8	59.6	66.0	75.2	85.0
77.5°	68.5	75.0	81.1	86.7	88.3	88.1	87.0	85.3	93.5	106.1	119.3
75°	88.7	96.6	104.4	111.3	114.2	114.5	114.2	116.1	126.9	141.7	154.7
72.5°	109.7	119.8	128.6	136.2	140.9	144.6	149.4	155.2	166.1	180.7	193.4
70°	131.9	143.1	152.4	160.9	168.1	176.0	186.2	196.2	207.7	222.1	235.4
67.5°	153.9	165.2	175.8	186.1	199.3	212.0	224.6	237.7	252.2	267.4	280.8
65°	174.2	187.1	199.9	214.9	232.1	246.5	262.0	279.0	298.0	315.1	330.7
62.5°	193.7	208.2	224.1	242.3	260.9	278.9	299.7	321.6	343.7	365.2	386.6
60°	210.2	228.2	247.5	268.1	289.6	314.0	338.4	364.5	390.9	416.8	443.2
57.5°	226.1	248.3	270.6	294.5	321.3	349.2	378.5	407.9	439.5	470.8	500.8
55°	242.5	268.8	294.1	322.4	353.1	385.9	419.0	454.6	489.6	529.0	565.4
52.5°	260.1	288.7	318.4	350.8	386.6	423.6	462.5	503.3	546.8	590.6	635.1
50°	277.3	309.4	342.5	381.3	421.3	463.6	508.5	556.0	606.7	657.5	711.3
47.5°	295.2	329.5	370.0	412.0	457.9	506.1	556.8	613.4	669.7	733.6	795.3
45°	312.9	352.3	396.2	445.1	495.5	549.7	610.1	672.2	744.1	816.3	897.3
42.5°	329.8	375.4	424.9	477.2	534.5	596.8	663.6	741.7	822.8	912.1	1007.2
40°	349.3	397.4	453.1	511.6	573.7	644.9	725.4	812.1	911.0	1016.8	1124.9
37.5°	368.2	422.2	481.0	544.4	616.5	696.7	785.5	891.9	1006.0	1126.3	1273.3
35°	386.0	445.8	509.7	579.2	657.3	750.2	856.5	973.9	1105.5	1260.6	1432.1
32.5°	404.8	468.2	536.9	614.7	703.2	804.7	925.4	1063.6	1219.3	1395.9	1610.5
30°	423.8	491.2	563.8	648.0	746.4	863.9	1001.0	1153.8	1332.9	1554.4	1806.3
27.5°	441.3	512.7	592.2	683.3	788.5	918.5	1073.7	1252.8	1463.8	1714.1	2008.4
25°	457.5	532.4	618.3	717.0	834.9	977.5	1145.7	1344.1	1594.8	1893.3	2255.3
22.5°	472.8	550.2	641.9	747.2	876.7	1034.6	1223.9	1450.9	1728.0	2063.0	2497.2
20°	487.3	569.5	665.4	776.1	914.0	1086.1	1295.8	1550.6	1866.0	2262.5	2734.4
17.5°	500.0	586.5	687.6	807.4	955.6	1138.5	1363.7	1638.7	1988.8	2440.7	2953.3
15°	510.9	601.2	706.8	834.5	993.1	1190.6	1434.8	1735.2	2116.9	2602.8	3145.5
12.5°	519.9	613.5	723.0	857.2	1024.6	1234.6	1495.6	1821.3	2241.6	2755.4	3314.2
10°	527.2	623.4	736.0	875.7	1050.0	1270.3	1545.7	1891.6	2345.4	2886.2	3456.9
7.5°	533.2	631.1	745.9	889.6	1069.3	1297.6	1584.6	1945.9	2426.5	2989.8	3566.5
5°	537.5	636.6	753.5	899.4	1083.4	1316.6	1611.9	1983.9	2484.2	3064.9	3641.4
2.5°	539.9	639.6	757.8	904.6	1092.0	1327.4	1626.2	2007.7	2516.0	3107.7	3686.6
0°	540.4	640.0	758.9	905.2	1094.5	1329.5	1628.4	2015.2	2522.7	3118.8	3703.1
-2.5°	539.9	639.6	757.8	904.6	1092.0	1327.4	1626.2	2007.7	2516.0	3107.7	3686.6
-5°	537.5	636.6	753.5	899.4	1083.4	1316.6	1611.9	1983.9	2484.2	3064.9	3641.4
-7.5°	533.2	631.1	745.9	889.6	1069.3	1297.6	1584.6	1945.9	2426.5	2989.8	3566.5
-10°	527.2	623.4	736.0	875.7	1050.0	1270.3	1545.7	1891.6	2345.4	2886.2	3456.9
-12.5°	519.9	613.5	723.0	857.2	1024.6	1234.6	1495.6	1821.3	2241.6	2755.4	3314.2
-15°	510.9	601.2	706.8	834.5	993.1	1190.6	1434.8	1735.2	2116.9	2602.8	3145.5
-17.5°	500.0	586.5	687.6	807.4	955.6	1138.5	1363.7	1638.7	1988.8	2440.7	2953.3
-20°	487.3	569.5	665.4	776.1	914.0	1086.1	1295.8	1550.6	1866.0	2262.5	2734.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	472.8	550.2	641.9	747.2	876.7	1034.6	1223.9	1450.9	1728.0	2063.0	2497.2
-25°	457.5	532.4	618.3	717.0	834.9	977.5	1145.7	1344.1	1594.8	1893.3	2255.3
-27.5°	441.3	512.7	592.2	683.3	788.5	918.5	1073.7	1252.8	1463.8	1714.1	2008.4
-30°	423.8	491.2	563.8	648.0	746.4	863.9	1001.0	1153.8	1332.9	1554.4	1806.3
-32.5°	404.8	468.2	536.9	614.7	703.2	804.7	925.4	1063.6	1219.3	1395.9	1610.5
-35°	386.0	445.8	509.7	579.2	657.3	750.2	856.5	973.9	1105.5	1260.6	1432.1
-37.5°	368.2	422.2	481.0	544.4	616.5	696.7	785.5	891.9	1006.0	1126.3	1273.3
-40°	349.3	397.4	453.1	511.6	573.7	644.9	725.4	812.1	911.0	1016.8	1124.9
-42.5°	329.8	375.4	424.9	477.2	534.5	596.8	663.6	741.7	822.8	912.1	1007.2
-45°	312.9	352.3	396.2	445.1	495.5	549.7	610.1	672.2	744.1	816.3	897.3
-47.5°	295.2	329.5	370.0	412.0	457.9	506.1	556.8	613.4	669.7	733.6	795.3
-50°	277.3	309.4	342.5	381.3	421.3	463.6	508.5	556.0	606.7	657.5	711.3
-52.5°	260.1	288.7	318.4	350.8	386.6	423.6	462.5	503.3	546.8	590.6	635.1
-55°	242.5	268.8	294.1	322.4	353.1	385.9	419.0	454.6	489.6	529.0	565.4
-57.5°	226.1	248.3	270.6	294.5	321.3	349.2	378.5	407.9	439.5	470.8	500.8
-60°	210.2	228.2	247.5	268.1	289.6	314.0	338.4	364.5	390.9	416.8	443.2
-62.5°	193.7	208.2	224.1	242.3	260.9	278.9	299.7	321.6	343.7	365.2	386.6
-65°	174.2	187.1	199.9	214.9	232.1	246.5	262.0	279.0	298.0	315.1	330.7
-67.5°	153.9	165.2	175.8	186.1	199.3	212.0	224.6	237.7	252.2	267.4	280.8
-70°	131.9	143.1	152.4	160.9	168.1	176.0	186.2	196.2	207.7	222.1	235.4
-72.5°	109.7	119.8	128.6	136.2	140.9	144.6	149.4	155.2	166.1	180.7	193.4
-75°	88.7	96.6	104.4	111.3	114.2	114.5	114.2	116.1	126.9	141.7	154.7
-77.5°	68.5	75.0	81.1	86.7	88.3	88.1	87.0	85.3	93.5	106.1	119.3
-80°	49.3	53.5	58.2	62.6	63.7	63.2	61.8	59.6	66.0	75.2	85.0
-82.5°	32.2	35.0	37.6	40.1	40.4	39.7	38.5	37.0	41.9	47.9	54.1
-85°	16.5	16.5	17.8	19.1	19.7	19.8	19.4	18.5	20.9	23.7	26.7
-87.5°	8.2	8.2	8.1	7.9	7.5	7.0	6.5	5.8	6.0	6.3	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	6.7	6.5	6.3	6.1	5.8	5.7	5.6	5.5	5.3	4.9	4.5
85°	29.8	30.4	30.8	31.0	31.0	32.0	32.9	33.7	34.5	31.2	27.7
82.5°	60.5	63.3	65.8	68.3	70.7	72.4	73.6	74.6	75.1	68.0	60.0
80°	95.2	101.1	106.1	110.8	115.3	116.4	116.4	115.8	114.5	104.8	93.8
77.5°	132.4	140.2	146.4	152.5	158.5	160.8	161.8	162.7	163.2	151.2	136.3
75°	166.1	175.4	184.1	192.1	199.5	203.5	205.8	207.7	209.1	197.0	181.1
72.5°	204.5	214.4	223.8	232.7	240.6	245.8	249.2	252.0	254.2	247.3	237.4
70°	246.9	257.1	267.0	276.3	285.2	292.2	297.7	302.4	306.4	307.1	306.8
67.5°	293.9	305.9	317.7	327.8	338.3	348.2	356.9	364.1	369.9	373.7	375.9
65°	346.6	364.7	380.8	394.4	405.8	419.0	430.7	439.6	445.9	450.6	454.7
62.5°	408.7	430.6	449.0	467.2	486.0	504.3	515.6	527.1	538.3	548.8	557.8
60°	468.5	492.5	517.5	540.7	562.2	582.0	602.4	620.6	636.5	649.8	659.6
57.5°	532.2	561.4	589.8	619.3	647.1	673.0	698.2	721.6	741.8	758.7	772.6
55°	601.3	637.1	670.9	708.3	744.6	777.7	808.2	839.4	867.6	892.3	912.0
52.5°	675.9	722.4	767.0	811.0	858.1	900.6	938.6	981.9	1020.3	1052.0	1076.8
50°	764.9	819.6	878.5	933.1	992.4	1050.8	1104.7	1156.9	1208.0	1252.2	1287.9
47.5°	866.2	933.6	1006.6	1078.8	1152.5	1232.4	1303.7	1370.0	1441.4	1503.3	1553.1
45°	978.9	1064.8	1152.9	1254.5	1348.1	1450.7	1545.7	1631.0	1732.3	1821.5	1893.3
42.5°	1103.9	1218.3	1334.2	1462.1	1586.2	1716.6	1855.0	1977.8	2112.1	2240.1	2343.6
40°	1258.9	1395.5	1550.8	1705.6	1883.8	2051.2	2252.9	2436.2	2602.6	2755.2	2880.3
37.5°	1431.0	1607.0	1802.0	2003.7	2247.5	2486.5	2722.6	2945.4	3142.2	3309.3	3449.4
35°	1626.5	1850.0	2086.3	2380.7	2666.4	2952.6	3219.3	3462.8	3676.9	3865.4	4025.6
32.5°	1851.3	2119.6	2450.3	2781.1	3107.0	3422.1	3714.9	3980.5	4215.3	4426.9	4611.2
30°	2087.7	2453.8	2825.0	3187.9	3543.8	3888.9	4210.2	4502.8	4768.0	5003.6	5216.0
27.5°	2388.1	2793.8	3198.5	3589.7	3981.2	4359.0	4707.2	5032.3	5336.6	5602.9	5845.6
25°	2678.6	3126.8	3557.0	3983.6	4409.7	4815.3	5204.7	5571.8	5920.4	6226.0	6497.0
22.5°	2969.1	3438.2	3897.9	4356.6	4814.4	5266.5	5703.7	6124.4	6514.1	6862.2	7167.2
20°	3238.2	3728.6	4220.2	4714.6	5210.8	5705.8	6196.8	6670.2	7104.4	7506.2	7859.3
17.5°	3479.3	4000.9	4522.1	5051.0	5588.9	6126.3	6671.7	7202.4	7698.8	8156.0	8565.6
15°	3692.9	4237.1	4796.9	5367.6	5945.3	6528.9	7124.0	7717.8	8276.6	8795.9	9253.1
12.5°	3879.7	4445.5	5032.2	5638.6	6265.6	6901.3	7550.8	8201.7	8820.3	9419.8	9913.5
10°	4033.8	4622.7	5235.9	5873.1	6534.3	7218.5	7915.3	8616.0	9297.5	9933.4	10498.1
7.5°	4152.8	4763.8	5395.7	6058.3	6752.0	7473.6	8211.7	8955.3	9682.6	10367.8	10992.5
5°	4236.7	4866.5	5506.3	6195.6	6913.4	7661.1	8428.3	9203.2	9963.5	10683.9	11331.4
2.5°	4285.4	4928.1	5570.7	6279.1	7009.4	7774.6	8562.6	9350.2	10130.6	10877.8	11543.2
0°	4298.3	4946.6	5607.7	6287.9	7039.5	7827.7	8587.5	9377.5	10188.5	10925.5	11588.4
-2.5°	4285.4	4928.1	5570.7	6279.1	7009.4	7774.6	8562.6	9350.2	10130.6	10877.8	11543.2
-5°	4236.7	4866.5	5506.3	6195.6	6913.4	7661.1	8428.3	9203.2	9963.5	10683.9	11331.4
-7.5°	4152.8	4763.8	5395.7	6058.3	6752.0	7473.6	8211.7	8955.3	9682.6	10367.8	10992.5
-10°	4033.8	4622.7	5235.9	5873.1	6534.3	7218.5	7915.3	8616.0	9297.5	9933.4	10498.1
-12.5°	3879.7	4445.5	5032.2	5638.6	6265.6	6901.3	7550.8	8201.7	8820.3	9419.8	9913.5
-15°	3692.9	4237.1	4796.9	5367.6	5945.3	6528.9	7124.0	7717.8	8276.6	8795.9	9253.1
-17.5°	3479.3	4000.9	4522.1	5051.0	5588.9	6126.3	6671.7	7202.4	7698.8	8156.0	8565.6
-20°	3238.2	3728.6	4220.2	4714.6	5210.8	5705.8	6196.8	6670.2	7104.4	7506.2	7859.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2969.1	3438.2	3897.9	4356.6	4814.4	5266.5	5703.7	6124.4	6514.1	6862.2	7167.2
-25°	2678.6	3126.8	3557.0	3983.6	4409.7	4815.3	5204.7	5571.8	5920.4	6226.0	6497.0
-27.5°	2388.1	2793.8	3198.5	3589.7	3981.2	4359.0	4707.2	5032.3	5336.6	5602.9	5845.6
-30°	2087.7	2453.8	2825.0	3187.9	3543.8	3888.9	4210.2	4502.8	4768.0	5003.6	5216.0
-32.5°	1851.3	2119.6	2450.3	2781.1	3107.0	3422.1	3714.9	3980.5	4215.3	4426.9	4611.2
-35°	1626.5	1850.0	2086.3	2380.7	2666.4	2952.6	3219.3	3462.8	3676.9	3865.4	4025.6
-37.5°	1431.0	1607.0	1802.0	2003.7	2247.5	2486.5	2722.6	2945.4	3142.2	3309.3	3449.4
-40°	1258.9	1395.5	1550.8	1705.6	1883.8	2051.2	2252.9	2436.2	2602.6	2755.2	2880.3
-42.5°	1103.9	1218.3	1334.2	1462.1	1586.2	1716.6	1855.0	1977.8	2112.1	2240.1	2343.6
-45°	978.9	1064.8	1152.9	1254.5	1348.1	1450.7	1545.7	1631.0	1732.3	1821.5	1893.3
-47.5°	866.2	933.6	1006.6	1078.8	1152.5	1232.4	1303.7	1370.0	1441.4	1503.3	1553.1
-50°	764.9	819.6	878.5	933.1	992.4	1050.8	1104.7	1156.9	1208.0	1252.2	1287.9
-52.5°	675.9	722.4	767.0	811.0	858.1	900.6	938.6	981.9	1020.3	1052.0	1076.8
-55°	601.3	637.1	670.9	708.3	744.6	777.7	808.2	839.4	867.6	892.3	912.0
-57.5°	532.2	561.4	589.8	619.3	647.1	673.0	698.2	721.6	741.8	758.7	772.6
-60°	468.5	492.5	517.5	540.7	562.2	582.0	602.4	620.6	636.5	649.8	659.6
-62.5°	408.7	430.6	449.0	467.2	486.0	504.3	515.6	527.1	538.3	548.8	557.8
-65°	346.6	364.7	380.8	394.4	405.8	419.0	430.7	439.6	445.9	450.6	454.7
-67.5°	293.9	305.9	317.7	327.8	338.3	348.2	356.9	364.1	369.9	373.7	375.9
-70°	246.9	257.1	267.0	276.3	285.2	292.2	297.7	302.4	306.4	307.1	306.8
-72.5°	204.5	214.4	223.8	232.7	240.6	245.8	249.2	252.0	254.2	247.3	237.4
-75°	166.1	175.4	184.1	192.1	199.5	203.5	205.8	207.7	209.1	197.0	181.1
-77.5°	132.4	140.2	146.4	152.5	158.5	160.8	161.8	162.7	163.2	151.2	136.3
-80°	95.2	101.1	106.1	110.8	115.3	116.4	116.4	115.8	114.5	104.8	93.8
-82.5°	60.5	63.3	65.8	68.3	70.7	72.4	73.6	74.6	75.1	68.0	60.0
-85°	29.8	30.4	30.8	31.0	31.0	32.0	32.9	33.7	34.5	31.2	27.7
-87.5°	6.7	6.5	6.3	6.1	5.8	5.7	5.6	5.5	5.3	4.9	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	4.1	3.7	3.2	2.7	3.2	3.7	4.1	4.5	4.9	5.3	5.5
85°	23.9	20.0	19.6	19.2	19.6	20.0	23.9	27.7	31.2	34.5	33.7
82.5°	51.6	42.9	41.5	40.2	41.5	42.9	51.6	60.0	68.0	75.1	74.6
80°	82.3	70.4	68.0	65.8	68.0	70.4	82.3	93.8	104.8	114.5	115.8
77.5°	120.7	104.4	99.6	95.1	99.6	104.4	120.7	136.3	151.2	163.2	162.7
75°	164.6	147.4	141.6	136.2	141.6	147.4	164.6	181.1	197.0	209.1	207.7
72.5°	227.3	216.8	206.3	194.8	206.3	216.8	227.3	237.4	247.3	254.2	252.0
70°	306.4	305.7	303.1	299.0	303.1	305.7	306.4	306.8	307.1	306.4	302.4
67.5°	376.8	376.5	377.4	377.6	377.4	376.5	376.8	375.9	373.7	369.9	364.1
65°	457.2	458.1	460.0	460.8	460.0	458.1	457.2	454.7	450.6	445.9	439.6
62.5°	564.8	569.4	571.7	571.5	571.7	569.4	564.8	557.8	548.8	538.3	527.1
60°	667.0	671.9	674.9	675.7	674.9	671.9	667.0	659.6	649.8	636.5	620.6
57.5°	783.6	791.6	795.8	796.4	795.8	791.6	783.6	772.6	758.7	741.8	721.6
55°	927.1	937.6	942.3	941.8	942.3	937.6	927.1	912.0	892.3	867.6	839.4
52.5°	1095.5	1108.3	1117.9	1123.7	1117.9	1108.3	1095.5	1076.8	1052.0	1020.3	981.9
50°	1314.7	1333.1	1344.8	1349.6	1344.8	1333.1	1314.7	1287.9	1252.2	1208.0	1156.9
47.5°	1589.0	1613.3	1631.4	1644.0	1631.4	1613.3	1589.0	1553.1	1503.3	1441.4	1370.0
45°	1946.3	1983.5	2008.7	2023.4	2008.7	1983.5	1946.3	1893.3	1821.5	1732.3	1631.0
42.5°	2424.4	2482.0	2517.4	2530.9	2517.4	2482.0	2424.4	2343.6	2240.1	2112.1	1977.8
40°	2979.1	3048.4	3093.8	3125.2	3093.8	3048.4	2979.1	2880.3	2755.2	2602.6	2436.2
37.5°	3557.0	3629.7	3673.9	3704.0	3673.9	3629.7	3557.0	3449.4	3309.3	3142.2	2945.4
35°	4146.5	4222.6	4264.1	4287.3	4264.1	4222.6	4146.5	4025.6	3865.4	3676.9	3462.8
32.5°	4751.7	4835.6	4880.7	4927.4	4880.7	4835.6	4751.7	4611.2	4426.9	4215.3	3980.5
30°	5383.7	5480.1	5527.3	5550.1	5527.3	5480.1	5383.7	5216.0	5003.6	4768.0	4502.8
27.5°	6041.5	6161.5	6220.7	6259.6	6220.7	6161.5	6041.5	5845.6	5602.9	5336.6	5032.3
25°	6725.8	6874.6	6942.3	7002.9	6942.3	6874.6	6725.8	6497.0	6226.0	5920.4	5571.8
22.5°	7435.9	7621.1	7699.6	7742.6	7699.6	7621.1	7435.9	7167.2	6862.2	6514.1	6124.4
20°	8164.5	8385.9	8494.9	8550.9	8494.9	8385.9	8164.5	7859.3	7506.2	7104.4	6670.2
17.5°	8909.6	9184.9	9325.9	9358.3	9325.9	9184.9	8909.6	8565.6	8156.0	7698.8	7202.4
15°	9641.0	9938.8	10105.5	10166.6	10105.5	9938.8	9641.0	9253.1	8795.9	8276.6	7717.8
12.5°	10333.7	10642.3	10841.5	10877.0	10841.5	10642.3	10333.7	9913.5	9419.8	8820.3	8201.7
10°	10961.9	11281.6	11501.6	11551.8	11501.6	11281.6	10961.9	10498.1	9933.4	9297.5	8616.0
7.5°	11487.1	11837.9	12081.0	12123.3	12081.0	11837.9	11487.1	10992.5	10367.8	9682.6	8955.3
5°	11871.4	12287.8	12487.4	12537.5	12487.4	12287.8	11871.4	11331.4	10683.9	9963.5	9203.2
2.5°	12082.1	12506.1	12783.4	12751.4	12783.4	12506.1	12082.1	11543.2	10877.8	10130.6	9350.2
0°	12105.9	12549.3	12814.5	12937.0	12814.5	12549.3	12105.9	11588.4	10925.5	10188.5	9377.5
-2.5°	12082.1	12506.1	12783.4	12751.4	12783.4	12506.1	12082.1	11543.2	10877.8	10130.6	9350.2
-5°	11871.4	12287.8	12487.4	12537.5	12487.4	12287.8	11871.4	11331.4	10683.9	9963.5	9203.2
-7.5°	11487.1	11837.9	12081.0	12123.3	12081.0	11837.9	11487.1	10992.5	10367.8	9682.6	8955.3
-10°	10961.9	11281.6	11501.6	11551.8	11501.6	11281.6	10961.9	10498.1	9933.4	9297.5	8616.0
-12.5°	10333.7	10642.3	10841.5	10877.0	10841.5	10642.3	10333.7	9913.5	9419.8	8820.3	8201.7
-15°	9641.0	9938.8	10105.5	10166.6	10105.5	9938.8	9641.0	9253.1	8795.9	8276.6	7717.8
-17.5°	8909.6	9184.9	9325.9	9358.3	9325.9	9184.9	8909.6	8565.6	8156.0	7698.8	7202.4
-20°	8164.5	8385.9	8494.9	8550.9	8494.9	8385.9	8164.5	7859.3	7506.2	7104.4	6670.2



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	7435.9	7621.1	7699.6	7742.6	7699.6	7621.1	7435.9	7167.2	6862.2	6514.1	6124.4
-25°	6725.8	6874.6	6942.3	7002.9	6942.3	6874.6	6725.8	6497.0	6226.0	5920.4	5571.8
-27.5°	6041.5	6161.5	6220.7	6259.6	6220.7	6161.5	6041.5	5845.6	5602.9	5336.6	5032.3
-30°	5383.7	5480.1	5527.3	5550.1	5527.3	5480.1	5383.7	5216.0	5003.6	4768.0	4502.8
-32.5°	4751.7	4835.6	4880.7	4927.4	4880.7	4835.6	4751.7	4611.2	4426.9	4215.3	3980.5
-35°	4146.5	4222.6	4264.1	4287.3	4264.1	4222.6	4146.5	4025.6	3865.4	3676.9	3462.8
-37.5°	3557.0	3629.7	3673.9	3704.0	3673.9	3629.7	3557.0	3449.4	3309.3	3142.2	2945.4
-40°	2979.1	3048.4	3093.8	3125.2	3093.8	3048.4	2979.1	2880.3	2755.2	2602.6	2436.2
-42.5°	2424.4	2482.0	2517.4	2530.9	2517.4	2482.0	2424.4	2343.6	2240.1	2112.1	1977.8
-45°	1946.3	1983.5	2008.7	2023.4	2008.7	1983.5	1946.3	1893.3	1821.5	1732.3	1631.0
-47.5°	1589.0	1613.3	1631.4	1644.0	1631.4	1613.3	1589.0	1553.1	1503.3	1441.4	1370.0
-50°	1314.7	1333.1	1344.8	1349.6	1344.8	1333.1	1314.7	1287.9	1252.2	1208.0	1156.9
-52.5°	1095.5	1108.3	1117.9	1123.7	1117.9	1108.3	1095.5	1076.8	1052.0	1020.3	981.9
-55°	927.1	937.6	942.3	941.8	942.3	937.6	927.1	912.0	892.3	867.6	839.4
-57.5°	783.6	791.6	795.8	796.4	795.8	791.6	783.6	772.6	758.7	741.8	721.6
-60°	667.0	671.9	674.9	675.7	674.9	671.9	667.0	659.6	649.8	636.5	620.6
-62.5°	564.8	569.4	571.7	571.5	571.7	569.4	564.8	557.8	548.8	538.3	527.1
-65°	457.2	458.1	460.0	460.8	460.0	458.1	457.2	454.7	450.6	445.9	439.6
-67.5°	376.8	376.5	377.4	377.6	377.4	376.5	376.8	375.9	373.7	369.9	364.1
-70°	306.4	305.7	303.1	299.0	303.1	305.7	306.4	306.8	307.1	306.4	302.4
-72.5°	227.3	216.8	206.3	194.8	206.3	216.8	227.3	237.4	247.3	254.2	252.0
-75°	164.6	147.4	141.6	136.2	141.6	147.4	164.6	181.1	197.0	209.1	207.7
-77.5°	120.7	104.4	99.6	95.1	99.6	104.4	120.7	136.3	151.2	163.2	162.7
-80°	82.3	70.4	68.0	65.8	68.0	70.4	82.3	93.8	104.8	114.5	115.8
-82.5°	51.6	42.9	41.5	40.2	41.5	42.9	51.6	60.0	68.0	75.1	74.6
-85°	23.9	20.0	19.6	19.2	19.6	20.0	23.9	27.7	31.2	34.5	33.7
-87.5°	4.1	3.7	3.2	2.7	3.2	3.7	4.1	4.5	4.9	5.3	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.6	5.7	5.8	6.1	6.3	6.5	6.7	6.5	6.3	6.0	5.8
85°	32.9	32.0	31.0	31.0	30.8	30.4	29.8	26.7	23.7	20.9	18.5
82.5°	73.6	72.4	70.7	68.3	65.8	63.3	60.5	54.1	47.9	41.9	37.0
80°	116.4	116.4	115.3	110.8	106.1	101.1	95.2	85.0	75.2	66.0	59.6
77.5°	161.8	160.8	158.5	152.5	146.4	140.2	132.4	119.3	106.1	93.5	85.3
75°	205.8	203.5	199.5	192.1	184.1	175.4	166.1	154.7	141.7	126.9	116.1
72.5°	249.2	245.8	240.6	232.7	223.8	214.4	204.5	193.4	180.7	166.1	155.2
70°	297.7	292.2	285.2	276.3	267.0	257.1	246.9	235.4	222.1	207.7	196.2
67.5°	356.9	348.2	338.3	327.8	317.7	305.9	293.9	280.8	267.4	252.2	237.7
65°	430.7	419.0	405.8	394.4	380.8	364.7	346.6	330.7	315.1	298.0	279.0
62.5°	515.6	504.3	486.0	467.2	449.0	430.6	408.7	386.6	365.2	343.7	321.6
60°	602.4	582.0	562.2	540.7	517.5	492.5	468.5	443.2	416.8	390.9	364.5
57.5°	698.2	673.0	647.1	619.3	589.8	561.4	532.2	500.8	470.8	439.5	407.9
55°	808.2	777.7	744.6	708.3	670.9	637.1	601.3	565.4	529.0	489.6	454.6
52.5°	938.6	900.6	858.1	811.0	767.0	722.4	675.9	635.1	590.6	546.8	503.3
50°	1104.7	1050.8	992.4	933.1	878.5	819.6	764.9	711.3	657.5	606.7	556.0
47.5°	1303.7	1232.4	1152.5	1078.8	1006.6	933.6	866.2	795.3	733.6	669.7	613.4
45°	1545.7	1450.7	1348.1	1254.5	1152.9	1064.8	978.9	897.3	816.3	744.1	672.2
42.5°	1855.0	1716.6	1586.2	1462.1	1334.2	1218.3	1103.9	1007.2	912.1	822.8	741.7
40°	2252.9	2051.2	1883.8	1705.6	1550.8	1395.5	1258.9	1124.9	1016.8	911.0	812.1
37.5°	2722.6	2486.5	2247.5	2003.7	1802.0	1607.0	1431.0	1273.3	1126.3	1006.0	891.9
35°	3219.3	2952.6	2666.4	2380.7	2086.3	1850.0	1626.5	1432.1	1260.6	1105.5	973.9
32.5°	3714.9	3422.1	3107.0	2781.1	2450.3	2119.6	1851.3	1610.5	1395.9	1219.3	1063.6
30°	4210.2	3888.9	3543.8	3187.9	2825.0	2453.8	2087.7	1806.3	1554.4	1332.9	1153.8
27.5°	4707.2	4359.0	3981.2	3589.7	3198.5	2793.8	2388.1	2008.4	1714.1	1463.8	1252.8
25°	5204.7	4815.3	4409.7	3983.6	3557.0	3126.8	2678.6	2255.3	1893.3	1594.8	1344.1
22.5°	5703.7	5266.5	4814.4	4356.6	3897.9	3438.2	2969.1	2497.2	2063.0	1728.0	1450.9
20°	6196.8	5705.8	5210.8	4714.6	4220.2	3728.6	3238.2	2734.4	2262.5	1866.0	1550.6
17.5°	6671.7	6126.3	5588.9	5051.0	4522.1	4000.9	3479.3	2953.3	2440.7	1988.8	1638.7
15°	7124.0	6528.9	5945.3	5367.6	4796.9	4237.1	3692.9	3145.5	2602.8	2116.9	1735.2
12.5°	7550.8	6901.3	6265.6	5638.6	5032.2	4445.5	3879.7	3314.2	2755.4	2241.6	1821.3
10°	7915.3	7218.5	6534.3	5873.1	5235.9	4622.7	4033.8	3456.9	2886.2	2345.4	1891.6
7.5°	8211.7	7473.6	6752.0	6058.3	5395.7	4763.8	4152.8	3566.5	2989.8	2426.5	1945.9
5°	8428.3	7661.1	6913.4	6195.6	5506.3	4866.5	4236.7	3641.4	3064.9	2484.2	1983.9
2.5°	8562.6	7774.6	7009.4	6279.1	5570.7	4928.1	4285.4	3686.6	3107.7	2516.0	2007.7
0°	8587.5	7827.7	7039.5	6287.9	5607.7	4946.6	4298.3	3703.1	3118.8	2522.7	2015.2
-2.5°	8562.6	7774.6	7009.4	6279.1	5570.7	4928.1	4285.4	3686.6	3107.7	2516.0	2007.7
-5°	8428.3	7661.1	6913.4	6195.6	5506.3	4866.5	4236.7	3641.4	3064.9	2484.2	1983.9
-7.5°	8211.7	7473.6	6752.0	6058.3	5395.7	4763.8	4152.8	3566.5	2989.8	2426.5	1945.9
-10°	7915.3	7218.5	6534.3	5873.1	5235.9	4622.7	4033.8	3456.9	2886.2	2345.4	1891.6
-12.5°	7550.8	6901.3	6265.6	5638.6	5032.2	4445.5	3879.7	3314.2	2755.4	2241.6	1821.3
-15°	7124.0	6528.9	5945.3	5367.6	4796.9	4237.1	3692.9	3145.5	2602.8	2116.9	1735.2
-17.5°	6671.7	6126.3	5588.9	5051.0	4522.1	4000.9	3479.3	2953.3	2440.7	1988.8	1638.7
-20°	6196.8	5705.8	5210.8	4714.6	4220.2	3728.6	3238.2	2734.4	2262.5	1866.0	1550.6



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5703.7	5266.5	4814.4	4356.6	3897.9	3438.2	2969.1	2497.2	2063.0	1728.0	1450.9
-25°	5204.7	4815.3	4409.7	3983.6	3557.0	3126.8	2678.6	2255.3	1893.3	1594.8	1344.1
-27.5°	4707.2	4359.0	3981.2	3589.7	3198.5	2793.8	2388.1	2008.4	1714.1	1463.8	1252.8
-30°	4210.2	3888.9	3543.8	3187.9	2825.0	2453.8	2087.7	1806.3	1554.4	1332.9	1153.8
-32.5°	3714.9	3422.1	3107.0	2781.1	2450.3	2119.6	1851.3	1610.5	1395.9	1219.3	1063.6
-35°	3219.3	2952.6	2666.4	2380.7	2086.3	1850.0	1626.5	1432.1	1260.6	1105.5	973.9
-37.5°	2722.6	2486.5	2247.5	2003.7	1802.0	1607.0	1431.0	1273.3	1126.3	1006.0	891.9
-40°	2252.9	2051.2	1883.8	1705.6	1550.8	1395.5	1258.9	1124.9	1016.8	911.0	812.1
-42.5°	1855.0	1716.6	1586.2	1462.1	1334.2	1218.3	1103.9	1007.2	912.1	822.8	741.7
-45°	1545.7	1450.7	1348.1	1254.5	1152.9	1064.8	978.9	897.3	816.3	744.1	672.2
-47.5°	1303.7	1232.4	1152.5	1078.8	1006.6	933.6	866.2	795.3	733.6	669.7	613.4
-50°	1104.7	1050.8	992.4	933.1	878.5	819.6	764.9	711.3	657.5	606.7	556.0
-52.5°	938.6	900.6	858.1	811.0	767.0	722.4	675.9	635.1	590.6	546.8	503.3
-55°	808.2	777.7	744.6	708.3	670.9	637.1	601.3	565.4	529.0	489.6	454.6
-57.5°	698.2	673.0	647.1	619.3	589.8	561.4	532.2	500.8	470.8	439.5	407.9
-60°	602.4	582.0	562.2	540.7	517.5	492.5	468.5	443.2	416.8	390.9	364.5
-62.5°	515.6	504.3	486.0	467.2	449.0	430.6	408.7	386.6	365.2	343.7	321.6
-65°	430.7	419.0	405.8	394.4	380.8	364.7	346.6	330.7	315.1	298.0	279.0
-67.5°	356.9	348.2	338.3	327.8	317.7	305.9	293.9	280.8	267.4	252.2	237.7
-70°	297.7	292.2	285.2	276.3	267.0	257.1	246.9	235.4	222.1	207.7	196.2
-72.5°	249.2	245.8	240.6	232.7	223.8	214.4	204.5	193.4	180.7	166.1	155.2
-75°	205.8	203.5	199.5	192.1	184.1	175.4	166.1	154.7	141.7	126.9	116.1
-77.5°	161.8	160.8	158.5	152.5	146.4	140.2	132.4	119.3	106.1	93.5	85.3
-80°	116.4	116.4	115.3	110.8	106.1	101.1	95.2	85.0	75.2	66.0	59.6
-82.5°	73.6	72.4	70.7	68.3	65.8	63.3	60.5	54.1	47.9	41.9	37.0
-85°	32.9	32.0	31.0	31.0	30.8	30.4	29.8	26.7	23.7	20.9	18.5
-87.5°	5.6	5.7	5.8	6.1	6.3	6.5	6.7	6.5	6.3	6.0	5.8
-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: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	6.5	7.0	7.5	7.9	8.1	8.2	8.2	8.1	7.8	7.4	6.8
85°	19.4	19.8	19.7	19.1	17.8	16.5	16.5	16.2	15.6	14.7	13.6
82.5°	38.5	39.7	40.4	40.1	37.6	35.0	32.2	29.2	26.1	22.5	20.4
80°	61.8	63.2	63.7	62.6	58.2	53.5	49.3	45.1	40.9	36.2	31.0
77.5°	87.0	88.1	88.3	86.7	81.1	75.0	68.5	61.6	55.8	49.9	43.4
75°	114.2	114.5	114.2	111.3	104.4	96.6	88.7	80.1	71.6	63.6	55.8
72.5°	149.4	144.6	140.9	136.2	128.6	119.8	109.7	98.4	87.5	77.4	67.9
70°	186.2	176.0	168.1	160.9	152.4	143.1	131.9	117.7	103.2	90.9	79.4
67.5°	224.6	212.0	199.3	186.1	175.8	165.2	153.9	136.8	119.4	104.2	90.7
65°	262.0	246.5	232.1	214.9	199.9	187.1	174.2	154.9	135.1	117.2	101.7
62.5°	299.7	278.9	260.9	242.3	224.1	208.2	193.7	171.7	150.1	129.8	112.1
60°	338.4	314.0	289.6	268.1	247.5	228.2	210.2	188.0	164.5	141.8	122.0
57.5°	378.5	349.2	321.3	294.5	270.6	248.3	226.1	203.0	178.6	153.9	130.9
55°	419.0	385.9	353.1	322.4	294.1	268.8	242.5	217.4	192.0	165.7	138.0
52.5°	462.5	423.6	386.6	350.8	318.4	288.7	260.1	231.5	204.8	177.1	145.7
50°	508.5	463.6	421.3	381.3	342.5	309.4	277.3	246.9	217.3	188.1	153.0
47.5°	556.8	506.1	457.9	412.0	370.0	329.5	295.2	262.0	229.4	198.9	159.6
45°	610.1	549.7	495.5	445.1	396.2	352.3	312.9	276.6	242.5	206.7	165.5
42.5°	663.6	596.8	534.5	477.2	424.9	375.4	329.8	291.8	255.1	213.8	171.3
40°	725.4	644.9	573.7	511.6	453.1	397.4	349.3	306.5	266.9	220.8	177.0
37.5°	785.5	696.7	616.5	544.4	481.0	422.2	368.2	320.4	276.2	228.5	182.1
35°	856.5	750.2	657.3	579.2	509.7	445.8	386.0	334.6	286.4	235.9	186.7
32.5°	925.4	804.7	703.2	614.7	536.9	468.2	404.8	349.1	296.7	242.9	190.7
30°	1001.0	863.9	746.4	648.0	563.8	491.2	423.8	362.9	307.2	249.5	194.5
27.5°	1073.7	918.5	788.5	683.3	592.2	512.7	441.3	375.7	317.7	256.5	199.3
25°	1145.7	977.5	834.9	717.0	618.3	532.4	457.5	387.8	328.0	264.2	203.7
22.5°	1223.9	1034.6	876.7	747.2	641.9	550.2	472.8	400.9	337.5	271.6	207.4
20°	1295.8	1086.1	914.0	776.1	665.4	569.5	487.3	412.6	346.0	278.6	210.6
17.5°	1363.7	1138.5	955.6	807.4	687.6	586.5	500.0	423.0	353.5	285.0	213.2
15°	1434.8	1190.6	993.1	834.5	706.8	601.2	510.9	431.9	359.9	290.8	215.7
12.5°	1495.6	1234.6	1024.6	857.2	723.0	613.5	519.9	439.2	365.3	295.7	217.9
10°	1545.7	1270.3	1050.0	875.7	736.0	623.4	527.2	445.2	369.8	299.5	219.1
7.5°	1584.6	1297.6	1069.3	889.6	745.9	631.1	533.2	449.9	373.3	302.1	219.4
5°	1611.9	1316.6	1083.4	899.4	753.5	636.6	537.5	453.0	375.6	303.6	218.7
2.5°	1626.2	1327.4	1092.0	904.6	757.8	639.6	539.9	454.5	376.8	303.8	217.2
0°	1628.4	1329.5	1094.5	905.2	758.9	640.0	540.4	454.4	376.7	302.6	214.9
-2.5°	1626.2	1327.4	1092.0	904.6	757.8	639.6	539.9	454.5	376.8	303.8	217.2
-5°	1611.9	1316.6	1083.4	899.4	753.5	636.6	537.5	453.0	375.6	303.6	218.7
-7.5°	1584.6	1297.6	1069.3	889.6	745.9	631.1	533.2	449.9	373.3	302.1	219.4
-10°	1545.7	1270.3	1050.0	875.7	736.0	623.4	527.2	445.2	369.8	299.5	219.1
-12.5°	1495.6	1234.6	1024.6	857.2	723.0	613.5	519.9	439.2	365.3	295.7	217.9
-15°	1434.8	1190.6	993.1	834.5	706.8	601.2	510.9	431.9	359.9	290.8	215.7
-17.5°	1363.7	1138.5	955.6	807.4	687.6	586.5	500.0	423.0	353.5	285.0	213.2
-20°	1295.8	1086.1	914.0	776.1	665.4	569.5	487.3	412.6	346.0	278.6	210.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	1223.9	1034.6	876.7	747.2	641.9	550.2	472.8	400.9	337.5	271.6	207.4
-25°	1145.7	977.5	834.9	717.0	618.3	532.4	457.5	387.8	328.0	264.2	203.7
-27.5°	1073.7	918.5	788.5	683.3	592.2	512.7	441.3	375.7	317.7	256.5	199.3
-30°	1001.0	863.9	746.4	648.0	563.8	491.2	423.8	362.9	307.2	249.5	194.5
-32.5°	925.4	804.7	703.2	614.7	536.9	468.2	404.8	349.1	296.7	242.9	190.7
-35°	856.5	750.2	657.3	579.2	509.7	445.8	386.0	334.6	286.4	235.9	186.7
-37.5°	785.5	696.7	616.5	544.4	481.0	422.2	368.2	320.4	276.2	228.5	182.1
-40°	725.4	644.9	573.7	511.6	453.1	397.4	349.3	306.5	266.9	220.8	177.0
-42.5°	663.6	596.8	534.5	477.2	424.9	375.4	329.8	291.8	255.1	213.8	171.3
-45°	610.1	549.7	495.5	445.1	396.2	352.3	312.9	276.6	242.5	206.7	165.5
-47.5°	556.8	506.1	457.9	412.0	370.0	329.5	295.2	262.0	229.4	198.9	159.6
-50°	508.5	463.6	421.3	381.3	342.5	309.4	277.3	246.9	217.3	188.1	153.0
-52.5°	462.5	423.6	386.6	350.8	318.4	288.7	260.1	231.5	204.8	177.1	145.7
-55°	419.0	385.9	353.1	322.4	294.1	268.8	242.5	217.4	192.0	165.7	138.0
-57.5°	378.5	349.2	321.3	294.5	270.6	248.3	226.1	203.0	178.6	153.9	130.9
-60°	338.4	314.0	289.6	268.1	247.5	228.2	210.2	188.0	164.5	141.8	122.0
-62.5°	299.7	278.9	260.9	242.3	224.1	208.2	193.7	171.7	150.1	129.8	112.1
-65°	262.0	246.5	232.1	214.9	199.9	187.1	174.2	154.9	135.1	117.2	101.7
-67.5°	224.6	212.0	199.3	186.1	175.8	165.2	153.9	136.8	119.4	104.2	90.7
-70°	186.2	176.0	168.1	160.9	152.4	143.1	131.9	117.7	103.2	90.9	79.4
-72.5°	149.4	144.6	140.9	136.2	128.6	119.8	109.7	98.4	87.5	77.4	67.9
-75°	114.2	114.5	114.2	111.3	104.4	96.6	88.7	80.1	71.6	63.6	55.8
-77.5°	87.0	88.1	88.3	86.7	81.1	75.0	68.5	61.6	55.8	49.9	43.4
-80°	61.8	63.2	63.7	62.6	58.2	53.5	49.3	45.1	40.9	36.2	31.0
-82.5°	38.5	39.7	40.4	40.1	37.6	35.0	32.2	29.2	26.1	22.5	20.4
-85°	19.4	19.8	19.7	19.1	17.8	16.5	16.5	16.2	15.6	14.7	13.6
-87.5°	6.5	7.0	7.5	7.9	8.1	8.2	8.2	8.1	7.8	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

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REPORT NUMBER: P626973 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
85°	12.3	9.6	7.1	4.9	3.0	1.3	0.0
82.5°	18.4	14.3	10.7	7.4	4.5	2.0	0.0
80°	24.9	19.0	14.2	9.8	6.0	2.6	0.0
77.5°	35.6	24.7	17.6	12.2	7.5	3.3	0.0
75°	45.9	32.3	21.3	14.6	8.9	3.9	0.0
72.5°	55.9	39.7	26.4	16.9	10.3	4.5	0.0
70°	65.4	46.7	31.3	19.3	11.7	5.1	0.0
67.5°	73.7	53.5	36.0	22.3	13.0	5.7	0.0
65°	81.5	59.7	40.5	25.2	14.3	6.3	0.0
62.5°	88.9	65.4	44.7	27.9	15.6	6.9	0.0
60°	95.9	70.7	48.6	30.4	16.8	7.4	0.0
57.5°	102.2	75.7	52.3	32.8	18.2	7.9	0.0
55°	107.9	80.3	55.7	35.0	19.6	8.4	0.0
52.5°	113.3	84.4	58.8	37.0	21.0	8.9	0.0
50°	118.1	88.3	61.6	38.9	22.2	9.4	0.0
47.5°	122.5	91.8	64.2	40.5	23.5	9.8	0.0
45°	127.6	94.8	66.4	42.2	24.6	10.2	0.0
42.5°	132.0	97.5	68.4	43.6	25.7	10.6	0.0
40°	135.9	99.8	70.1	45.2	26.7	10.9	0.0
37.5°	139.3	101.6	71.7	46.9	27.7	11.3	0.0
35°	142.1	103.7	72.9	48.4	28.6	11.6	0.0
32.5°	144.6	105.7	73.9	49.7	29.4	11.8	0.0
30°	147.5	107.2	74.6	51.0	30.1	12.1	0.0
27.5°	149.8	108.3	76.2	52.1	30.8	12.3	0.0
25°	151.6	108.9	77.7	53.0	31.4	12.5	0.0
22.5°	152.9	109.8	79.0	53.8	31.9	12.6	0.0
20°	153.7	111.8	80.2	54.5	32.3	12.8	0.0
17.5°	155.4	113.4	81.2	55.0	32.7	12.9	0.0
15°	157.5	114.7	81.9	55.4	32.9	12.9	0.0
12.5°	159.0	115.6	82.5	55.7	33.1	13.0	0.0
10°	159.9	116.2	82.9	55.8	33.2	13.0	0.0
7.5°	160.3	116.5	83.0	55.8	33.3	13.0	0.0
5°	160.1	116.4	83.0	55.6	33.2	13.0	0.0
2.5°	159.4	115.9	82.8	55.3	33.1	12.9	0.0
0°	158.2	115.2	82.3	54.9	32.9	12.8	0.0
-2.5°	159.4	115.9	82.8	55.3	33.1	12.9	0.0
-5°	160.1	116.4	83.0	55.6	33.2	13.0	0.0
-7.5°	160.3	116.5	83.0	55.8	33.3	13.0	0.0
-10°	159.9	116.2	82.9	55.8	33.2	13.0	0.0
-12.5°	159.0	115.6	82.5	55.7	33.1	13.0	0.0
-15°	157.5	114.7	81.9	55.4	32.9	12.9	0.0
-17.5°	155.4	113.4	81.2	55.0	32.7	12.9	0.0
-20°	153.7	111.8	80.2	54.5	32.3	12.8	0.0

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CATALOG NUMBER: GFLD-SA2D-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	152.9	109.8	79.0	53.8	31.9	12.6	0.0
-25°	151.6	108.9	77.7	53.0	31.4	12.5	0.0
-27.5°	149.8	108.3	76.2	52.1	30.8	12.3	0.0
-30°	147.5	107.2	74.6	51.0	30.1	12.1	0.0
-32.5°	144.6	105.7	73.9	49.7	29.4	11.8	0.0
-35°	142.1	103.7	72.9	48.4	28.6	11.6	0.0
-37.5°	139.3	101.6	71.7	46.9	27.7	11.3	0.0
-40°	135.9	99.8	70.1	45.2	26.7	10.9	0.0
-42.5°	132.0	97.5	68.4	43.6	25.7	10.6	0.0
-45°	127.6	94.8	66.4	42.2	24.6	10.2	0.0
-47.5°	122.5	91.8	64.2	40.5	23.5	9.8	0.0
-50°	118.1	88.3	61.6	38.9	22.2	9.4	0.0
-52.5°	113.3	84.4	58.8	37.0	21.0	8.9	0.0
-55°	107.9	80.3	55.7	35.0	19.6	8.4	0.0
-57.5°	102.2	75.7	52.3	32.8	18.2	7.9	0.0
-60°	95.9	70.7	48.6	30.4	16.8	7.4	0.0
-62.5°	88.9	65.4	44.7	27.9	15.6	6.9	0.0
-65°	81.5	59.7	40.5	25.2	14.3	6.3	0.0
-67.5°	73.7	53.5	36.0	22.3	13.0	5.7	0.0
-70°	65.4	46.7	31.3	19.3	11.7	5.1	0.0
-72.5°	55.9	39.7	26.4	16.9	10.3	4.5	0.0
-75°	45.9	32.3	21.3	14.6	8.9	3.9	0.0
-77.5°	35.6	24.7	17.6	12.2	7.5	3.3	0.0
-80°	24.9	19.0	14.2	9.8	6.0	2.6	0.0
-82.5°	18.4	14.3	10.7	7.4	4.5	2.0	0.0
-85°	12.3	9.6	7.1	4.9	3.0	1.3	0.0
-87.5°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)