

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: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626611 (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-SA1B-730-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N18
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

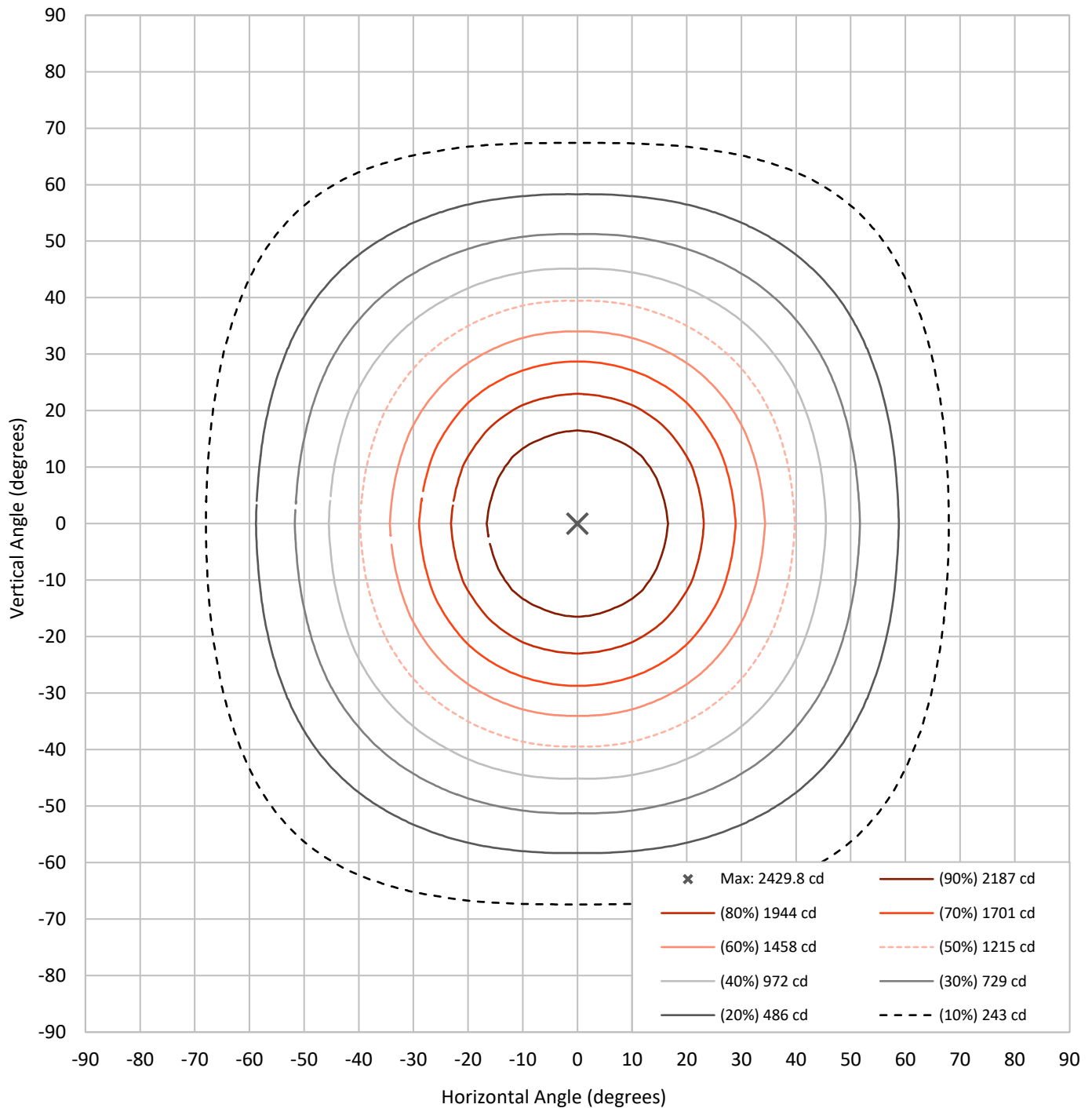
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4391.7 lumens	Max Intensity:	2429.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	2575.7 lumens	Field Lumens:	4186.7 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	33.5		
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





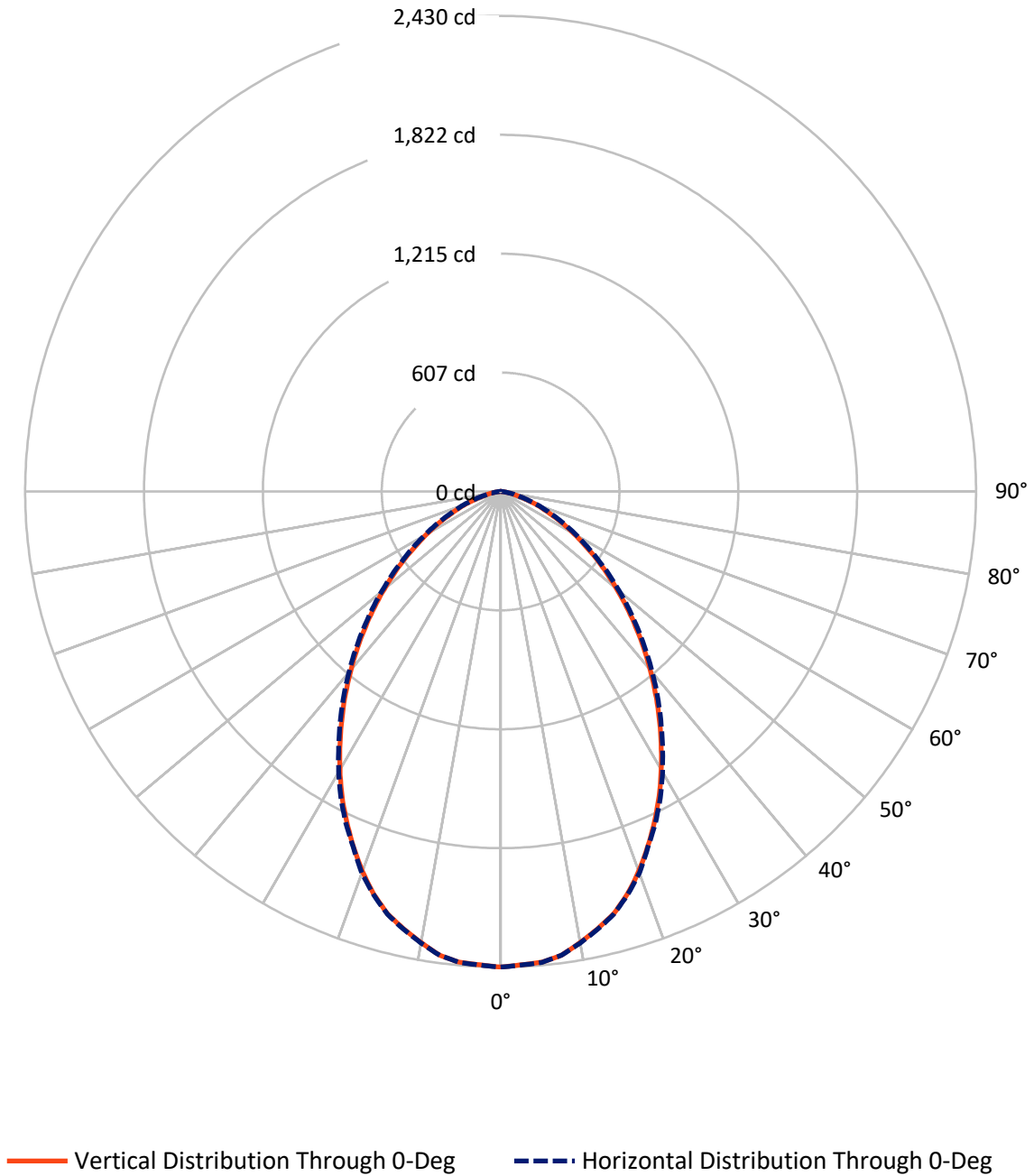
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Lumen Table

90																			
80	0.1	1.8	4.9	8.3	7.8	8.3	4.9	1.8	0.1										
70																			
60	0.8	1.1	2.3	3.9	5.7	7.3	8.6	9.2	9.2	8.6	7.3	5.7	3.9	2.3	1.1	0.8			
50																			
40	1.4	1.7	3.7	6.6	10.0	13.6	16.5	18.0	18.0	16.5	13.6	10.0	6.6	3.7	1.7	1.4			
30																			
20	1.8	2.3	5.3	9.9	15.6	21.7	26.7	29.5	29.5	26.7	21.7	15.6	9.9	5.3	2.3	1.8			
10																			
0	2.0	2.9	7.1	13.6	21.9	30.7	38.2	42.4	42.4	38.2	30.7	21.9	13.6	7.1	2.9	2.0			
-10																			
-20	1.8	3.4	8.7	17.1	27.8	39.5	49.7	55.6	55.6	49.7	39.5	27.8	17.1	8.7	3.4	1.8			
-30																			
-40	1.4	3.9	10.0	19.7	32.5	46.7	59.2	66.4	66.4	59.2	46.7	32.5	19.7	10.0	3.9	1.4			
-50																			
-60	0.8	4.1	10.7	21.2	35.1	50.7	64.4	71.9	71.9	64.4	50.7	35.1	21.2	10.7	4.1	0.8			
-70																			
-80	0.1	1.1	2.3	3.9	5.7	7.3	8.6	9.2	9.2	8.6	7.3	5.7	3.9	2.3	1.1	0.1			
-90																			

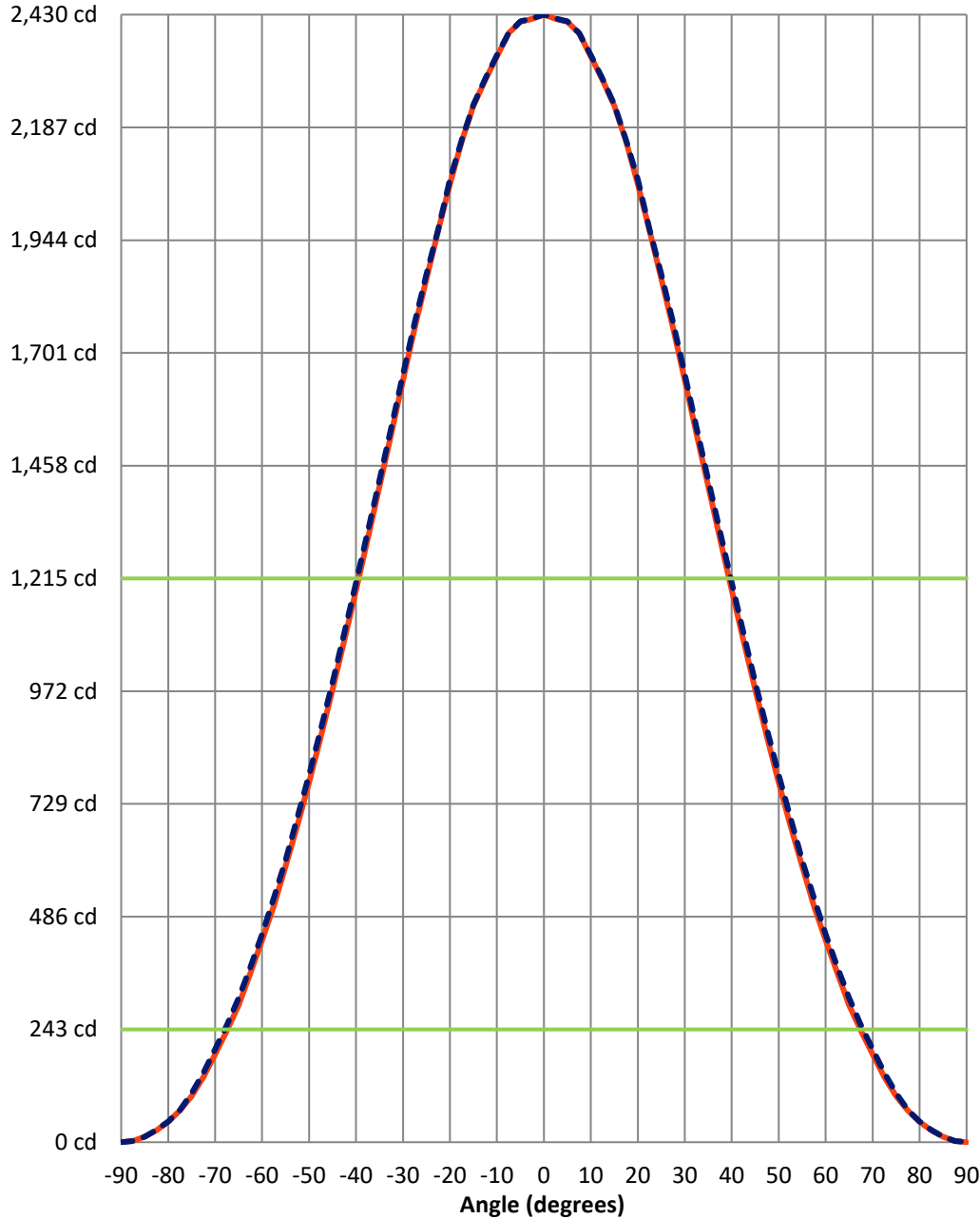
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 2575.7
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 4186.7
 Efficiency: 95.3%

Spill:
 Lumens: 205
 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	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
82.5°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	4.1	6.4	8.7
80°	0.0	0.5	1.2	1.9	2.5	3.1	4.2	7.5	10.7	13.8	16.7
77.5°	0.0	0.7	1.5	2.3	3.1	4.9	9.2	13.4	17.3	21.1	25.8
75°	0.0	0.8	1.8	2.8	4.0	8.5	14.1	19.3	24.2	30.9	38.1
72.5°	0.0	0.9	2.1	3.2	6.5	12.0	18.9	25.5	33.2	41.4	50.1
70°	0.0	1.1	2.4	3.9	8.9	15.4	23.6	33.0	42.1	51.7	63.0
67.5°	0.0	1.2	2.7	5.3	11.1	18.6	29.3	40.3	50.7	62.9	75.9
65°	0.0	1.3	3.0	6.8	13.3	22.2	34.7	47.5	60.1	73.8	87.9
62.5°	0.0	1.4	3.2	8.1	15.3	26.2	39.9	54.9	69.1	84.2	98.7
60°	0.0	1.5	3.5	9.4	17.3	29.9	44.7	62.3	77.9	94.0	109.4
57.5°	0.0	1.7	4.2	10.6	19.8	33.4	49.8	69.2	86.5	103.5	119.4
55°	0.0	1.8	4.9	11.7	22.3	36.7	54.7	75.1	94.9	112.8	129.1
52.5°	0.0	1.9	5.6	12.7	24.5	39.8	59.1	81.3	103.2	121.3	138.5
50°	0.0	2.0	6.2	13.6	26.6	43.1	63.2	87.2	111.0	129.5	149.3
47.5°	0.0	2.0	6.8	14.6	28.5	46.1	67.1	92.7	118.1	137.5	159.9
45°	0.0	2.1	7.4	15.9	30.2	48.8	71.4	97.7	123.6	146.5	170.0
42.5°	0.0	2.2	7.9	17.0	31.7	51.2	75.3	102.4	128.9	155.2	181.9
40°	0.0	2.3	8.5	18.2	33.2	53.3	78.9	106.7	134.4	163.3	193.5
37.5°	0.0	2.4	8.9	19.3	34.7	55.1	82.1	110.9	140.6	171.0	204.4
35°	0.0	2.4	9.4	20.4	36.1	57.2	84.9	114.8	146.6	179.8	215.4
32.5°	0.0	2.5	9.8	21.4	37.1	59.3	87.5	118.5	152.4	188.4	227.0
30°	0.0	2.5	10.2	22.3	38.0	61.1	90.2	122.1	158.0	196.5	237.9
27.5°	0.0	2.6	10.5	23.1	39.3	62.6	92.6	126.4	163.8	204.2	247.9
25°	0.0	2.6	10.8	23.9	40.6	63.7	94.7	130.4	169.9	212.1	257.3
22.5°	0.0	2.7	11.1	24.5	41.6	64.9	96.6	134.0	175.4	219.5	267.2
20°	0.0	2.7	11.3	25.1	42.6	66.5	98.1	137.2	180.5	226.2	276.1
17.5°	0.0	2.7	11.5	25.5	43.3	67.8	100.0	140.1	185.0	232.0	283.9
15°	0.0	2.7	11.7	25.9	44.0	68.8	101.9	142.9	188.9	237.0	290.7
12.5°	0.0	2.7	11.8	26.2	44.4	69.6	103.5	145.4	192.4	241.1	296.4
10°	0.0	2.7	11.8	26.4	44.8	70.0	104.7	147.4	195.5	245.0	301.1
7.5°	0.0	2.7	11.9	26.6	44.9	70.2	105.6	148.8	197.8	248.2	305.3
5°	0.0	2.7	11.9	26.6	45.0	70.1	106.0	149.6	199.5	250.5	308.2
2.5°	0.0	2.7	11.9	26.5	44.9	69.8	106.0	149.8	200.3	251.8	310.0
0°	0.0	2.7	11.8	26.4	44.6	69.2	105.6	149.4	200.4	252.3	310.6
-2.5°	0.0	2.7	11.9	26.5	44.9	69.8	106.0	149.8	200.3	251.8	310.0
-5°	0.0	2.7	11.9	26.6	45.0	70.1	106.0	149.6	199.5	250.5	308.2
-7.5°	0.0	2.7	11.9	26.6	44.9	70.2	105.6	148.8	197.8	248.2	305.3
-10°	0.0	2.7	11.8	26.4	44.8	70.0	104.7	147.4	195.5	245.0	301.1
-12.5°	0.0	2.7	11.8	26.2	44.4	69.6	103.5	145.4	192.4	241.1	296.4
-15°	0.0	2.7	11.7	25.9	44.0	68.8	101.9	142.9	188.9	237.0	290.7
-17.5°	0.0	2.7	11.5	25.5	43.3	67.8	100.0	140.1	185.0	232.0	283.9
-20°	0.0	2.7	11.3	25.1	42.6	66.5	98.1	137.2	180.5	226.2	276.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.7	11.1	24.5	41.6	64.9	96.6	134.0	175.4	219.5	267.2
-25°	0.0	2.6	10.8	23.9	40.6	63.7	94.7	130.4	169.9	212.1	257.3
-27.5°	0.0	2.6	10.5	23.1	39.3	62.6	92.6	126.4	163.8	204.2	247.9
-30°	0.0	2.5	10.2	22.3	38.0	61.1	90.2	122.1	158.0	196.5	237.9
-32.5°	0.0	2.5	9.8	21.4	37.1	59.3	87.5	118.5	152.4	188.4	227.0
-35°	0.0	2.4	9.4	20.4	36.1	57.2	84.9	114.8	146.6	179.8	215.4
-37.5°	0.0	2.4	8.9	19.3	34.7	55.1	82.1	110.9	140.6	171.0	204.4
-40°	0.0	2.3	8.5	18.2	33.2	53.3	78.9	106.7	134.4	163.3	193.5
-42.5°	0.0	2.2	7.9	17.0	31.7	51.2	75.3	102.4	128.9	155.2	181.9
-45°	0.0	2.1	7.4	15.9	30.2	48.8	71.4	97.7	123.6	146.5	170.0
-47.5°	0.0	2.0	6.8	14.6	28.5	46.1	67.1	92.7	118.1	137.5	159.9
-50°	0.0	2.0	6.2	13.6	26.6	43.1	63.2	87.2	111.0	129.5	149.3
-52.5°	0.0	1.9	5.6	12.7	24.5	39.8	59.1	81.3	103.2	121.3	138.5
-55°	0.0	1.8	4.9	11.7	22.3	36.7	54.7	75.1	94.9	112.8	129.1
-57.5°	0.0	1.7	4.2	10.6	19.8	33.4	49.8	69.2	86.5	103.5	119.4
-60°	0.0	1.5	3.5	9.4	17.3	29.9	44.7	62.3	77.9	94.0	109.4
-62.5°	0.0	1.4	3.2	8.1	15.3	26.2	39.9	54.9	69.1	84.2	98.7
-65°	0.0	1.3	3.0	6.8	13.3	22.2	34.7	47.5	60.1	73.8	87.9
-67.5°	0.0	1.2	2.7	5.3	11.1	18.6	29.3	40.3	50.7	62.9	75.9
-70°	0.0	1.1	2.4	3.9	8.9	15.4	23.6	33.0	42.1	51.7	63.0
-72.5°	0.0	0.9	2.1	3.2	6.5	12.0	18.9	25.5	33.2	41.4	50.1
-75°	0.0	0.8	1.8	2.8	4.0	8.5	14.1	19.3	24.2	30.9	38.1
-77.5°	0.0	0.7	1.5	2.3	3.1	4.9	9.2	13.4	17.3	21.1	25.8
-80°	0.0	0.5	1.2	1.9	2.5	3.1	4.2	7.5	10.7	13.8	16.7
-82.5°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	4.1	6.4	8.7
-85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
-87.5°	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-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°	1.8	2.0	2.3	2.6	2.6	2.6	2.6	2.5	2.7	2.8	2.9
85°	3.5	4.1	5.7	7.3	8.0	8.4	8.6	8.6	10.0	11.6	13.3
82.5°	11.1	13.4	15.6	17.7	18.2	18.2	18.0	18.1	21.3	25.1	28.9
80°	19.8	22.7	26.5	29.9	31.4	32.1	32.5	32.4	36.5	42.1	47.9
77.5°	31.3	36.2	40.4	44.1	46.0	47.7	49.1	50.1	55.5	62.5	69.4
75°	44.5	49.8	55.2	59.8	63.0	65.4	67.7	71.3	78.2	86.4	93.5
72.5°	58.4	65.2	71.2	76.2	80.7	85.6	91.0	96.9	104.3	112.4	119.8
70°	73.2	80.8	87.0	93.0	99.2	106.4	114.6	122.6	130.8	139.7	148.4
67.5°	87.8	95.0	102.3	110.0	119.2	129.0	138.5	149.5	160.8	170.7	179.6
65°	100.4	108.9	118.1	128.4	139.9	152.2	165.0	178.2	192.4	204.4	215.3
62.5°	112.5	122.7	133.8	146.7	161.3	175.9	192.2	208.7	224.8	238.9	252.0
60°	123.6	136.0	150.0	165.9	182.9	202.2	220.8	239.6	257.3	273.2	289.7
57.5°	134.4	150.0	166.8	185.8	207.4	229.1	251.0	271.2	291.2	310.6	329.3
55°	145.9	164.6	184.7	208.0	232.3	258.0	281.6	304.1	326.1	349.7	372.2
52.5°	158.4	179.4	204.5	230.6	258.7	286.3	312.2	337.9	364.4	391.1	420.4
50°	170.6	196.7	224.2	254.6	285.0	314.6	344.2	373.7	405.6	438.3	471.5
47.5°	184.8	213.3	245.8	278.4	311.5	344.5	377.4	413.2	449.4	487.4	524.0
45°	199.1	231.2	266.2	303.1	338.9	375.3	413.9	453.5	495.9	537.7	581.8
42.5°	212.8	249.0	287.6	327.4	367.3	408.0	450.4	496.6	542.9	591.2	639.6
40°	227.8	265.9	308.5	352.3	395.6	440.7	489.2	539.2	591.7	644.7	697.3
37.5°	242.3	284.2	328.9	376.1	424.7	474.3	526.9	583.7	640.6	697.6	755.6
35°	255.9	301.5	350.0	400.1	451.6	508.0	566.9	627.5	689.1	750.8	813.2
32.5°	269.9	317.8	370.1	423.7	480.4	540.9	605.4	671.1	736.8	802.7	870.9
30°	283.9	335.0	389.6	446.0	508.1	574.0	643.4	713.0	782.4	854.9	927.7
27.5°	297.1	351.2	408.7	469.1	534.6	604.6	678.3	752.9	827.7	904.8	982.4
25°	309.3	366.6	426.5	491.3	560.7	634.1	710.9	788.7	870.7	953.2	1034.3
22.5°	321.1	380.8	442.9	511.8	584.5	661.5	741.4	823.6	909.3	997.9	1081.8
20°	332.6	394.2	458.9	530.4	605.7	686.2	769.2	855.2	945.2	1036.1	1126.4
17.5°	342.7	406.2	473.9	547.7	625.9	708.7	794.2	883.0	977.0	1071.3	1166.9
15°	351.5	416.6	486.8	562.9	643.8	729.2	817.4	908.8	1005.2	1103.4	1202.7
12.5°	359.0	425.5	497.6	575.7	659.0	746.8	837.4	931.9	1031.0	1131.9	1234.1
10°	365.1	432.7	506.4	586.2	671.4	761.3	853.8	951.0	1053.0	1156.1	1260.5
7.5°	370.2	438.7	513.4	594.3	681.0	772.7	866.6	965.9	1070.6	1175.1	1281.7
5°	374.0	443.5	519.8	601.2	689.3	781.6	876.3	976.5	1083.5	1188.5	1297.1
2.5°	376.2	446.7	524.2	605.6	695.8	788.2	884.9	985.9	1092.9	1199.2	1308.7
0°	377.0	448.1	526.4	607.5	699.4	791.4	889.8	990.9	1097.4	1205.8	1316.0
-2.5°	376.2	446.7	524.2	605.6	695.8	788.2	884.9	985.9	1092.9	1199.2	1308.7
-5°	374.0	443.5	519.8	601.2	689.3	781.6	876.3	976.5	1083.5	1188.5	1297.1
-7.5°	370.2	438.7	513.4	594.3	681.0	772.7	866.6	965.9	1070.6	1175.1	1281.7
-10°	365.1	432.7	506.4	586.2	671.4	761.3	853.8	951.0	1053.0	1156.1	1260.5
-12.5°	359.0	425.5	497.6	575.7	659.0	746.8	837.4	931.9	1031.0	1131.9	1234.1
-15°	351.5	416.6	486.8	562.9	643.8	729.2	817.4	908.8	1005.2	1103.4	1202.7
-17.5°	342.7	406.2	473.9	547.7	625.9	708.7	794.2	883.0	977.0	1071.3	1166.9
-20°	332.6	394.2	458.9	530.4	605.7	686.2	769.2	855.2	945.2	1036.1	1126.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	321.1	380.8	442.9	511.8	584.5	661.5	741.4	823.6	909.3	997.9	1081.8
-25°	309.3	366.6	426.5	491.3	560.7	634.1	710.9	788.7	870.7	953.2	1034.3
-27.5°	297.1	351.2	408.7	469.1	534.6	604.6	678.3	752.9	827.7	904.8	982.4
-30°	283.9	335.0	389.6	446.0	508.1	574.0	643.4	713.0	782.4	854.9	927.7
-32.5°	269.9	317.8	370.1	423.7	480.4	540.9	605.4	671.1	736.8	802.7	870.9
-35°	255.9	301.5	350.0	400.1	451.6	508.0	566.9	627.5	689.1	750.8	813.2
-37.5°	242.3	284.2	328.9	376.1	424.7	474.3	526.9	583.7	640.6	697.6	755.6
-40°	227.8	265.9	308.5	352.3	395.6	440.7	489.2	539.2	591.7	644.7	697.3
-42.5°	212.8	249.0	287.6	327.4	367.3	408.0	450.4	496.6	542.9	591.2	639.6
-45°	199.1	231.2	266.2	303.1	338.9	375.3	413.9	453.5	495.9	537.7	581.8
-47.5°	184.8	213.3	245.8	278.4	311.5	344.5	377.4	413.2	449.4	487.4	524.0
-50°	170.6	196.7	224.2	254.6	285.0	314.6	344.2	373.7	405.6	438.3	471.5
-52.5°	158.4	179.4	204.5	230.6	258.7	286.3	312.2	337.9	364.4	391.1	420.4
-55°	145.9	164.6	184.7	208.0	232.3	258.0	281.6	304.1	326.1	349.7	372.2
-57.5°	134.4	150.0	166.8	185.8	207.4	229.1	251.0	271.2	291.2	310.6	329.3
-60°	123.6	136.0	150.0	165.9	182.9	202.2	220.8	239.6	257.3	273.2	289.7
-62.5°	112.5	122.7	133.8	146.7	161.3	175.9	192.2	208.7	224.8	238.9	252.0
-65°	100.4	108.9	118.1	128.4	139.9	152.2	165.0	178.2	192.4	204.4	215.3
-67.5°	87.8	95.0	102.3	110.0	119.2	129.0	138.5	149.5	160.8	170.7	179.6
-70°	73.2	80.8	87.0	93.0	99.2	106.4	114.6	122.6	130.8	139.7	148.4
-72.5°	58.4	65.2	71.2	76.2	80.7	85.6	91.0	96.9	104.3	112.4	119.8
-75°	44.5	49.8	55.2	59.8	63.0	65.4	67.7	71.3	78.2	86.4	93.5
-77.5°	31.3	36.2	40.4	44.1	46.0	47.7	49.1	50.1	55.5	62.5	69.4
-80°	19.8	22.7	26.5	29.9	31.4	32.1	32.5	32.4	36.5	42.1	47.9
-82.5°	11.1	13.4	15.6	17.7	18.2	18.2	18.0	18.1	21.3	25.1	28.9
-85°	3.5	4.1	5.7	7.3	8.0	8.4	8.6	8.6	10.0	11.6	13.3
-87.5°	1.8	2.0	2.3	2.6	2.6	2.6	2.6	2.5	2.7	2.8	2.9
-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: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.3	3.1
85°	15.2	16.3	17.3	18.3	19.2	20.1	20.9	21.6	22.3	20.4	18.3
82.5°	32.9	35.5	38.0	40.5	43.0	43.6	43.8	43.7	43.3	39.9	36.2
80°	53.6	58.1	62.3	66.5	70.6	71.1	70.6	69.7	68.5	64.1	59.0
77.5°	76.3	81.9	86.9	91.4	95.5	96.2	96.1	95.9	95.6	91.0	85.5
75°	99.5	105.0	110.4	114.9	118.6	120.4	121.2	121.8	122.1	118.9	114.6
72.5°	126.5	132.2	136.9	141.3	145.0	147.7	149.6	151.1	152.0	151.1	149.3
70°	155.7	161.9	167.0	172.0	177.0	181.1	184.1	186.3	187.7	188.6	189.2
67.5°	188.7	196.9	204.1	210.3	216.3	222.0	226.7	230.5	233.4	235.9	237.9
65°	225.8	236.3	245.7	254.2	262.1	270.3	277.1	282.8	287.4	291.1	294.2
62.5°	264.8	277.7	289.7	301.3	312.7	323.9	332.5	340.4	347.3	353.3	358.1
60°	305.3	320.0	336.1	351.4	365.6	378.5	391.3	402.4	411.9	419.7	426.1
57.5°	348.9	367.9	386.7	405.8	423.8	440.6	456.4	470.3	482.1	491.7	499.8
55°	396.0	419.7	441.5	465.6	488.8	510.0	528.6	545.0	559.1	571.0	581.0
52.5°	447.7	476.6	504.9	532.2	558.6	583.2	605.5	624.5	641.5	656.0	667.6
50°	504.3	537.3	570.2	600.6	630.9	659.2	684.8	706.9	726.6	743.7	757.1
47.5°	563.5	601.1	637.8	672.6	706.2	737.6	765.3	790.5	815.1	835.2	851.0
45°	625.0	667.2	707.6	747.5	784.4	819.7	853.8	885.2	910.5	932.5	951.1
42.5°	687.2	734.3	779.6	823.0	863.6	904.4	942.8	977.2	1006.0	1031.1	1052.2
40°	750.3	801.8	851.7	899.1	945.5	989.9	1031.5	1067.7	1100.2	1130.0	1154.9
37.5°	813.0	869.7	925.0	978.1	1029.2	1077.3	1122.2	1163.1	1199.7	1233.7	1261.3
35°	876.1	938.2	998.7	1057.1	1113.0	1166.1	1215.3	1261.8	1305.0	1339.4	1367.7
32.5°	938.8	1005.6	1071.5	1135.8	1197.0	1254.2	1307.4	1358.9	1403.3	1441.2	1473.7
30°	999.6	1071.9	1143.6	1213.4	1279.4	1341.5	1400.4	1454.8	1502.6	1544.0	1580.5
27.5°	1059.1	1136.9	1213.9	1288.4	1359.8	1427.2	1491.5	1550.5	1602.7	1647.6	1686.1
25°	1115.5	1199.0	1281.1	1360.1	1436.3	1510.7	1580.2	1644.6	1700.3	1749.6	1789.1
22.5°	1169.3	1258.4	1344.6	1427.7	1509.3	1589.4	1665.5	1732.7	1791.8	1843.4	1887.1
20°	1219.4	1314.9	1403.1	1491.0	1576.9	1662.5	1744.2	1815.1	1877.6	1932.5	1980.7
17.5°	1266.3	1364.2	1457.1	1550.7	1641.2	1731.0	1814.0	1890.1	1957.4	2015.8	2066.2
15°	1305.9	1404.9	1506.3	1606.2	1701.7	1792.6	1875.5	1955.0	2029.7	2092.9	2144.1
12.5°	1338.1	1441.0	1546.7	1652.8	1753.8	1844.6	1931.4	2011.9	2090.5	2161.4	2208.5
10°	1365.5	1471.4	1580.6	1688.8	1791.1	1887.2	1981.6	2066.7	2144.0	2207.5	2259.9
7.5°	1389.1	1498.3	1609.2	1717.5	1819.5	1918.8	2015.9	2106.4	2184.4	2244.2	2291.0
5°	1406.6	1518.3	1631.4	1740.7	1844.1	1943.7	2041.3	2130.6	2206.7	2267.6	2318.7
2.5°	1419.1	1531.9	1645.7	1755.2	1861.0	1960.8	2060.9	2151.1	2224.8	2280.6	2329.5
0°	1427.1	1540.0	1654.8	1766.8	1870.6	1967.2	2074.6	2159.3	2235.8	2291.4	2342.4
-2.5°	1419.1	1531.9	1645.7	1755.2	1861.0	1960.8	2060.9	2151.1	2224.8	2280.6	2329.5
-5°	1406.6	1518.3	1631.4	1740.7	1844.1	1943.7	2041.3	2130.6	2206.7	2267.6	2318.7
-7.5°	1389.1	1498.3	1609.2	1717.5	1819.5	1918.8	2015.9	2106.4	2184.4	2244.2	2291.0
-10°	1365.5	1471.4	1580.6	1688.8	1791.1	1887.2	1981.6	2066.7	2144.0	2207.5	2259.9
-12.5°	1338.1	1441.0	1546.7	1652.8	1753.8	1844.6	1931.4	2011.9	2090.5	2161.4	2208.5
-15°	1305.9	1404.9	1506.3	1606.2	1701.7	1792.6	1875.5	1955.0	2029.7	2092.9	2144.1
-17.5°	1266.3	1364.2	1457.1	1550.7	1641.2	1731.0	1814.0	1890.1	1957.4	2015.8	2066.2
-20°	1219.4	1314.9	1403.1	1491.0	1576.9	1662.5	1744.2	1815.1	1877.6	1932.5	1980.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1169.3	1258.4	1344.6	1427.7	1509.3	1589.4	1665.5	1732.7	1791.8	1843.4	1887.1
-25°	1115.5	1199.0	1281.1	1360.1	1436.3	1510.7	1580.2	1644.6	1700.3	1749.6	1789.1
-27.5°	1059.1	1136.9	1213.9	1288.4	1359.8	1427.2	1491.5	1550.5	1602.7	1647.6	1686.1
-30°	999.6	1071.9	1143.6	1213.4	1279.4	1341.5	1400.4	1454.8	1502.6	1544.0	1580.5
-32.5°	938.8	1005.6	1071.5	1135.8	1197.0	1254.2	1307.4	1358.9	1403.3	1441.2	1473.7
-35°	876.1	938.2	998.7	1057.1	1113.0	1166.1	1215.3	1261.8	1305.0	1339.4	1367.7
-37.5°	813.0	869.7	925.0	978.1	1029.2	1077.3	1122.2	1163.1	1199.7	1233.7	1261.3
-40°	750.3	801.8	851.7	899.1	945.5	989.9	1031.5	1067.7	1100.2	1130.0	1154.9
-42.5°	687.2	734.3	779.6	823.0	863.6	904.4	942.8	977.2	1006.0	1031.1	1052.2
-45°	625.0	667.2	707.6	747.5	784.4	819.7	853.8	885.2	910.5	932.5	951.1
-47.5°	563.5	601.1	637.8	672.6	706.2	737.6	765.3	790.5	815.1	835.2	851.0
-50°	504.3	537.3	570.2	600.6	630.9	659.2	684.8	706.9	726.6	743.7	757.1
-52.5°	447.7	476.6	504.9	532.2	558.6	583.2	605.5	624.5	641.5	656.0	667.6
-55°	396.0	419.7	441.5	465.6	488.8	510.0	528.6	545.0	559.1	571.0	581.0
-57.5°	348.9	367.9	386.7	405.8	423.8	440.6	456.4	470.3	482.1	491.7	499.8
-60°	305.3	320.0	336.1	351.4	365.6	378.5	391.3	402.4	411.9	419.7	426.1
-62.5°	264.8	277.7	289.7	301.3	312.7	323.9	332.5	340.4	347.3	353.3	358.1
-65°	225.8	236.3	245.7	254.2	262.1	270.3	277.1	282.8	287.4	291.1	294.2
-67.5°	188.7	196.9	204.1	210.3	216.3	222.0	226.7	230.5	233.4	235.9	237.9
-70°	155.7	161.9	167.0	172.0	177.0	181.1	184.1	186.3	187.7	188.6	189.2
-72.5°	126.5	132.2	136.9	141.3	145.0	147.7	149.6	151.1	152.0	151.1	149.3
-75°	99.5	105.0	110.4	114.9	118.6	120.4	121.2	121.8	122.1	118.9	114.6
-77.5°	76.3	81.9	86.9	91.4	95.5	96.2	96.1	95.9	95.6	91.0	85.5
-80°	53.6	58.1	62.3	66.5	70.6	71.1	70.6	69.7	68.5	64.1	59.0
-82.5°	32.9	35.5	38.0	40.5	43.0	43.6	43.8	43.7	43.3	39.9	36.2
-85°	15.2	16.3	17.3	18.3	19.2	20.1	20.9	21.6	22.3	20.4	18.3
-87.5°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.3	3.1
-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: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	2.9	2.7	2.7	2.7	2.7	2.7	2.9	3.1	3.3	3.5	3.4
85°	16.0	13.6	12.7	11.8	12.7	13.6	16.0	18.3	20.4	22.3	21.6
82.5°	32.2	28.1	26.8	25.5	26.8	28.1	32.2	36.2	39.9	43.3	43.7
80°	53.7	48.2	46.0	43.7	46.0	48.2	53.7	59.0	64.1	68.5	69.7
77.5°	79.7	73.6	71.0	68.3	71.0	73.6	79.7	85.5	91.0	95.6	95.9
75°	110.0	105.2	102.4	99.3	102.4	105.2	110.0	114.6	118.9	122.1	121.8
72.5°	147.3	144.9	142.9	140.3	142.9	144.9	147.3	149.3	151.1	152.0	151.1
70°	189.4	189.1	189.5	189.4	189.5	189.1	189.4	189.2	188.6	187.7	186.3
67.5°	238.9	238.9	239.9	240.4	239.9	238.9	238.9	237.9	235.9	233.4	230.5
65°	296.1	296.8	296.5	295.1	296.5	296.8	296.1	294.2	291.1	287.4	282.8
62.5°	361.5	363.5	364.5	364.3	364.5	363.5	361.5	358.1	353.3	347.3	340.4
60°	430.8	433.9	435.4	435.3	435.4	433.9	430.8	426.1	419.7	411.9	402.4
57.5°	505.9	509.9	510.8	509.1	510.8	509.9	505.9	499.8	491.7	482.1	470.3
55°	588.6	593.6	595.6	594.7	595.6	593.6	588.6	581.0	571.0	559.1	545.0
52.5°	676.1	681.6	683.5	682.1	683.5	681.6	676.1	667.6	656.0	641.5	624.5
50°	767.0	773.6	776.3	775.0	776.3	773.6	767.0	757.1	743.7	726.6	706.9
47.5°	863.5	872.3	875.7	873.4	875.7	872.3	863.5	851.0	835.2	815.1	790.5
45°	965.0	974.2	977.7	975.4	977.7	974.2	965.0	951.1	932.5	910.5	885.2
42.5°	1068.3	1080.2	1085.2	1081.0	1085.2	1080.2	1068.3	1052.2	1031.1	1006.0	977.2
40°	1173.5	1186.3	1192.3	1189.4	1192.3	1186.3	1173.5	1154.9	1130.0	1100.2	1067.7
37.5°	1281.3	1294.1	1300.5	1300.5	1300.5	1294.1	1281.3	1261.3	1233.7	1199.7	1163.1
35°	1389.5	1405.1	1413.9	1413.4	1413.9	1405.1	1389.5	1367.7	1339.4	1305.0	1261.8
32.5°	1499.3	1516.1	1525.1	1526.4	1525.1	1516.1	1499.3	1473.7	1441.2	1403.3	1358.9
30°	1608.9	1627.4	1637.7	1642.0	1637.7	1627.4	1608.9	1580.5	1544.0	1502.6	1454.8
27.5°	1715.2	1737.9	1753.6	1755.0	1753.6	1737.9	1715.2	1686.1	1647.6	1602.7	1550.5
25°	1818.1	1841.2	1857.3	1860.6	1857.3	1841.2	1818.1	1789.1	1749.6	1700.3	1644.6
22.5°	1919.5	1943.7	1958.6	1964.4	1958.6	1943.7	1919.5	1887.1	1843.4	1791.8	1732.7
20°	2016.4	2042.6	2058.3	2064.6	2058.3	2042.6	2016.4	1980.7	1932.5	1877.6	1815.1
17.5°	2104.0	2131.7	2151.1	2156.6	2151.1	2131.7	2104.0	2066.2	2015.8	1957.4	1890.1
15°	2181.1	2207.4	2225.8	2233.1	2225.8	2207.4	2181.1	2144.1	2092.9	2029.7	1955.0
12.5°	2243.8	2267.3	2281.8	2288.7	2281.8	2267.3	2243.8	2208.5	2161.4	2090.5	2011.9
10°	2292.8	2316.4	2330.2	2339.7	2330.2	2316.4	2292.8	2259.9	2207.5	2144.0	2066.7
7.5°	2335.4	2359.5	2376.5	2389.8	2376.5	2359.5	2335.4	2291.0	2244.2	2184.4	2106.4
5°	2358.9	2399.2	2405.3	2414.3	2405.3	2399.2	2358.9	2318.7	2267.6	2206.7	2130.6
2.5°	2376.8	2405.4	2422.6	2420.7	2422.6	2405.4	2376.8	2329.5	2280.6	2224.8	2151.1
0°	2389.8	2415.3	2421.6	2429.8	2421.6	2415.3	2389.8	2342.4	2291.4	2235.8	2159.3
-2.5°	2376.8	2405.4	2422.6	2420.7	2422.6	2405.4	2376.8	2329.5	2280.6	2224.8	2151.1
-5°	2358.9	2399.2	2405.3	2414.3	2405.3	2399.2	2358.9	2318.7	2267.6	2206.7	2130.6
-7.5°	2335.4	2359.5	2376.5	2389.8	2376.5	2359.5	2335.4	2291.0	2244.2	2184.4	2106.4
-10°	2292.8	2316.4	2330.2	2339.7	2330.2	2316.4	2292.8	2259.9	2207.5	2144.0	2066.7
-12.5°	2243.8	2267.3	2281.8	2288.7	2281.8	2267.3	2243.8	2208.5	2161.4	2090.5	2011.9
-15°	2181.1	2207.4	2225.8	2233.1	2225.8	2207.4	2181.1	2144.1	2092.9	2029.7	1955.0
-17.5°	2104.0	2131.7	2151.1	2156.6	2151.1	2131.7	2104.0	2066.2	2015.8	1957.4	1890.1
-20°	2016.4	2042.6	2058.3	2064.6	2058.3	2042.6	2016.4	1980.7	1932.5	1877.6	1815.1



REPORT NUMBER: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	1919.5	1943.7	1958.6	1964.4	1958.6	1943.7	1919.5	1887.1	1843.4	1791.8	1732.7
-25°	1818.1	1841.2	1857.3	1860.6	1857.3	1841.2	1818.1	1789.1	1749.6	1700.3	1644.6
-27.5°	1715.2	1737.9	1753.6	1755.0	1753.6	1737.9	1715.2	1686.1	1647.6	1602.7	1550.5
-30°	1608.9	1627.4	1637.7	1642.0	1637.7	1627.4	1608.9	1580.5	1544.0	1502.6	1454.8
-32.5°	1499.3	1516.1	1525.1	1526.4	1525.1	1516.1	1499.3	1473.7	1441.2	1403.3	1358.9
-35°	1389.5	1405.1	1413.9	1413.4	1413.9	1405.1	1389.5	1367.7	1339.4	1305.0	1261.8
-37.5°	1281.3	1294.1	1300.5	1300.5	1300.5	1294.1	1281.3	1261.3	1233.7	1199.7	1163.1
-40°	1173.5	1186.3	1192.3	1189.4	1192.3	1186.3	1173.5	1154.9	1130.0	1100.2	1067.7
-42.5°	1068.3	1080.2	1085.2	1081.0	1085.2	1080.2	1068.3	1052.2	1031.1	1006.0	977.2
-45°	965.0	974.2	977.7	975.4	977.7	974.2	965.0	951.1	932.5	910.5	885.2
-47.5°	863.5	872.3	875.7	873.4	875.7	872.3	863.5	851.0	835.2	815.1	790.5
-50°	767.0	773.6	776.3	775.0	776.3	773.6	767.0	757.1	743.7	726.6	706.9
-52.5°	676.1	681.6	683.5	682.1	683.5	681.6	676.1	667.6	656.0	641.5	624.5
-55°	588.6	593.6	595.6	594.7	595.6	593.6	588.6	581.0	571.0	559.1	545.0
-57.5°	505.9	509.9	510.8	509.1	510.8	509.9	505.9	499.8	491.7	482.1	470.3
-60°	430.8	433.9	435.4	435.3	435.4	433.9	430.8	426.1	419.7	411.9	402.4
-62.5°	361.5	363.5	364.5	364.3	364.5	363.5	361.5	358.1	353.3	347.3	340.4
-65°	296.1	296.8	296.5	295.1	296.5	296.8	296.1	294.2	291.1	287.4	282.8
-67.5°	238.9	238.9	239.9	240.4	239.9	238.9	238.9	237.9	235.9	233.4	230.5
-70°	189.4	189.1	189.5	189.4	189.5	189.1	189.4	189.2	188.6	187.7	186.3
-72.5°	147.3	144.9	142.9	140.3	142.9	144.9	147.3	149.3	151.1	152.0	151.1
-75°	110.0	105.2	102.4	99.3	102.4	105.2	110.0	114.6	118.9	122.1	121.8
-77.5°	79.7	73.6	71.0	68.3	71.0	73.6	79.7	85.5	91.0	95.6	95.9
-80°	53.7	48.2	46.0	43.7	46.0	48.2	53.7	59.0	64.1	68.5	69.7
-82.5°	32.2	28.1	26.8	25.5	26.8	28.1	32.2	36.2	39.9	43.3	43.7
-85°	16.0	13.6	12.7	11.8	12.7	13.6	16.0	18.3	20.4	22.3	21.6
-87.5°	2.9	2.7	2.7	2.7	2.7	2.7	2.9	3.1	3.3	3.5	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.5
85°	20.9	20.1	19.2	18.3	17.3	16.3	15.2	13.3	11.6	10.0	8.6
82.5°	43.8	43.6	43.0	40.5	38.0	35.5	32.9	28.9	25.1	21.3	18.1
80°	70.6	71.1	70.6	66.5	62.3	58.1	53.6	47.9	42.1	36.5	32.4
77.5°	96.1	96.2	95.5	91.4	86.9	81.9	76.3	69.4	62.5	55.5	50.1
75°	121.2	120.4	118.6	114.9	110.4	105.0	99.5	93.5	86.4	78.2	71.3
72.5°	149.6	147.7	145.0	141.3	136.9	132.2	126.5	119.8	112.4	104.3	96.9
70°	184.1	181.1	177.0	172.0	167.0	161.9	155.7	148.4	139.7	130.8	122.6
67.5°	226.7	222.0	216.3	210.3	204.1	196.9	188.7	179.6	170.7	160.8	149.5
65°	277.1	270.3	262.1	254.2	245.7	236.3	225.8	215.3	204.4	192.4	178.2
62.5°	332.5	323.9	312.7	301.3	289.7	277.7	264.8	252.0	238.9	224.8	208.7
60°	391.3	378.5	365.6	351.4	336.1	320.0	305.3	289.7	273.2	257.3	239.6
57.5°	456.4	440.6	423.8	405.8	386.7	367.9	348.9	329.3	310.6	291.2	271.2
55°	528.6	510.0	488.8	465.6	441.5	419.7	396.0	372.2	349.7	326.1	304.1
52.5°	605.5	583.2	558.6	532.2	504.9	476.6	447.7	420.4	391.1	364.4	337.9
50°	684.8	659.2	630.9	600.6	570.2	537.3	504.3	471.5	438.3	405.6	373.7
47.5°	765.3	737.6	706.2	672.6	637.8	601.1	563.5	524.0	487.4	449.4	413.2
45°	853.8	819.7	784.4	747.5	707.6	667.2	625.0	581.8	537.7	495.9	453.5
42.5°	942.8	904.4	863.6	823.0	779.6	734.3	687.2	639.6	591.2	542.9	496.6
40°	1031.5	989.9	945.5	899.1	851.7	801.8	750.3	697.3	644.7	591.7	539.2
37.5°	1122.2	1077.3	1029.2	978.1	925.0	869.7	813.0	755.6	697.6	640.6	583.7
35°	1215.3	1166.1	1113.0	1057.1	998.7	938.2	876.1	813.2	750.8	689.1	627.5
32.5°	1307.4	1254.2	1197.0	1135.8	1071.5	1005.6	938.8	870.9	802.7	736.8	671.1
30°	1400.4	1341.5	1279.4	1213.4	1143.6	1071.9	999.6	927.7	854.9	782.4	713.0
27.5°	1491.5	1427.2	1359.8	1288.4	1213.9	1136.9	1059.1	982.4	904.8	827.7	752.9
25°	1580.2	1510.7	1436.3	1360.1	1281.1	1199.0	1115.5	1034.3	953.2	870.7	788.7
22.5°	1665.5	1589.4	1509.3	1427.7	1344.6	1258.4	1169.3	1081.8	997.9	909.3	823.6
20°	1744.2	1662.5	1576.9	1491.0	1403.1	1314.9	1219.4	1126.4	1036.1	945.2	855.2
17.5°	1814.0	1731.0	1641.2	1550.7	1457.1	1364.2	1266.3	1166.9	1071.3	977.0	883.0
15°	1875.5	1792.6	1701.7	1606.2	1506.3	1404.9	1305.9	1202.7	1103.4	1005.2	908.8
12.5°	1931.4	1844.6	1753.8	1652.8	1546.7	1441.0	1338.1	1234.1	1131.9	1031.0	931.9
10°	1981.6	1887.2	1791.1	1688.8	1580.6	1471.4	1365.5	1260.5	1156.1	1053.0	951.0
7.5°	2015.9	1918.8	1819.5	1717.5	1609.2	1498.3	1389.1	1281.7	1175.1	1070.6	965.9
5°	2041.3	1943.7	1844.1	1740.7	1631.4	1518.3	1406.6	1297.1	1188.5	1083.5	976.5
2.5°	2060.9	1960.8	1861.0	1755.2	1645.7	1531.9	1419.1	1308.7	1199.2	1092.9	985.9
0°	2074.6	1967.2	1870.6	1766.8	1654.8	1540.0	1427.1	1316.0	1205.8	1097.4	990.9
-2.5°	2060.9	1960.8	1861.0	1755.2	1645.7	1531.9	1419.1	1308.7	1199.2	1092.9	985.9
-5°	2041.3	1943.7	1844.1	1740.7	1631.4	1518.3	1406.6	1297.1	1188.5	1083.5	976.5
-7.5°	2015.9	1918.8	1819.5	1717.5	1609.2	1498.3	1389.1	1281.7	1175.1	1070.6	965.9
-10°	1981.6	1887.2	1791.1	1688.8	1580.6	1471.4	1365.5	1260.5	1156.1	1053.0	951.0
-12.5°	1931.4	1844.6	1753.8	1652.8	1546.7	1441.0	1338.1	1234.1	1131.9	1031.0	931.9
-15°	1875.5	1792.6	1701.7	1606.2	1506.3	1404.9	1305.9	1202.7	1103.4	1005.2	908.8
-17.5°	1814.0	1731.0	1641.2	1550.7	1457.1	1364.2	1266.3	1166.9	1071.3	977.0	883.0
-20°	1744.2	1662.5	1576.9	1491.0	1403.1	1314.9	1219.4	1126.4	1036.1	945.2	855.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1665.5	1589.4	1509.3	1427.7	1344.6	1258.4	1169.3	1081.8	997.9	909.3	823.6
-25°	1580.2	1510.7	1436.3	1360.1	1281.1	1199.0	1115.5	1034.3	953.2	870.7	788.7
-27.5°	1491.5	1427.2	1359.8	1288.4	1213.9	1136.9	1059.1	982.4	904.8	827.7	752.9
-30°	1400.4	1341.5	1279.4	1213.4	1143.6	1071.9	999.6	927.7	854.9	782.4	713.0
-32.5°	1307.4	1254.2	1197.0	1135.8	1071.5	1005.6	938.8	870.9	802.7	736.8	671.1
-35°	1215.3	1166.1	1113.0	1057.1	998.7	938.2	876.1	813.2	750.8	689.1	627.5
-37.5°	1122.2	1077.3	1029.2	978.1	925.0	869.7	813.0	755.6	697.6	640.6	583.7
-40°	1031.5	989.9	945.5	899.1	851.7	801.8	750.3	697.3	644.7	591.7	539.2
-42.5°	942.8	904.4	863.6	823.0	779.6	734.3	687.2	639.6	591.2	542.9	496.6
-45°	853.8	819.7	784.4	747.5	707.6	667.2	625.0	581.8	537.7	495.9	453.5
-47.5°	765.3	737.6	706.2	672.6	637.8	601.1	563.5	524.0	487.4	449.4	413.2
-50°	684.8	659.2	630.9	600.6	570.2	537.3	504.3	471.5	438.3	405.6	373.7
-52.5°	605.5	583.2	558.6	532.2	504.9	476.6	447.7	420.4	391.1	364.4	337.9
-55°	528.6	510.0	488.8	465.6	441.5	419.7	396.0	372.2	349.7	326.1	304.1
-57.5°	456.4	440.6	423.8	405.8	386.7	367.9	348.9	329.3	310.6	291.2	271.2
-60°	391.3	378.5	365.6	351.4	336.1	320.0	305.3	289.7	273.2	257.3	239.6
-62.5°	332.5	323.9	312.7	301.3	289.7	277.7	264.8	252.0	238.9	224.8	208.7
-65°	277.1	270.3	262.1	254.2	245.7	236.3	225.8	215.3	204.4	192.4	178.2
-67.5°	226.7	222.0	216.3	210.3	204.1	196.9	188.7	179.6	170.7	160.8	149.5
-70°	184.1	181.1	177.0	172.0	167.0	161.9	155.7	148.4	139.7	130.8	122.6
-72.5°	149.6	147.7	145.0	141.3	136.9	132.2	126.5	119.8	112.4	104.3	96.9
-75°	121.2	120.4	118.6	114.9	110.4	105.0	99.5	93.5	86.4	78.2	71.3
-77.5°	96.1	96.2	95.5	91.4	86.9	81.9	76.3	69.4	62.5	55.5	50.1
-80°	70.6	71.1	70.6	66.5	62.3	58.1	53.6	47.9	42.1	36.5	32.4
-82.5°	43.8	43.6	43.0	40.5	38.0	35.5	32.9	28.9	25.1	21.3	18.1
-85°	20.9	20.1	19.2	18.3	17.3	16.3	15.2	13.3	11.6	10.0	8.6
-87.5°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.5
-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: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	2.6	2.6	2.6	2.6	2.3	2.0	1.8	1.5	1.4	1.2	1.1
85°	8.6	8.4	8.0	7.3	5.7	4.1	3.5	3.0	2.8	2.5	2.2
82.5°	18.0	18.2	18.2	17.7	15.6	13.4	11.1	8.7	6.4	4.1	3.2
80°	32.5	32.1	31.4	29.9	26.5	22.7	19.8	16.7	13.8	10.7	7.5
77.5°	49.1	47.7	46.0	44.1	40.4	36.2	31.3	25.8	21.1	17.3	13.4
75°	67.7	65.4	63.0	59.8	55.2	49.8	44.5	38.1	30.9	24.2	19.3
72.5°	91.0	85.6	80.7	76.2	71.2	65.2	58.4	50.1	41.4	33.2	25.5
70°	114.6	106.4	99.2	93.0	87.0	80.8	73.2	63.0	51.7	42.1	33.0
67.5°	138.5	129.0	119.2	110.0	102.3	95.0	87.8	75.9	62.9	50.7	40.3
65°	165.0	152.2	139.9	128.4	118.1	108.9	100.4	87.9	73.8	60.1	47.5
62.5°	192.2	175.9	161.3	146.7	133.8	122.7	112.5	98.7	84.2	69.1	54.9
60°	220.8	202.2	182.9	165.9	150.0	136.0	123.6	109.4	94.0	77.9	62.3
57.5°	251.0	229.1	207.4	185.8	166.8	150.0	134.4	119.4	103.5	86.5	69.2
55°	281.6	258.0	232.3	208.0	184.7	164.6	145.9	129.1	112.8	94.9	75.1
52.5°	312.2	286.3	258.7	230.6	204.5	179.4	158.4	138.5	121.3	103.2	81.3
50°	344.2	314.6	285.0	254.6	224.2	196.7	170.6	149.3	129.5	111.0	87.2
47.5°	377.4	344.5	311.5	278.4	245.8	213.3	184.8	159.9	137.5	118.1	92.7
45°	413.9	375.3	338.9	303.1	266.2	231.2	199.1	170.0	146.5	123.6	97.7
42.5°	450.4	408.0	367.3	327.4	287.6	249.0	212.8	181.9	155.2	128.9	102.4
40°	489.2	440.7	395.6	352.3	308.5	265.9	227.8	193.5	163.3	134.4	106.7
37.5°	526.9	474.3	424.7	376.1	328.9	284.2	242.3	204.4	171.0	140.6	110.9
35°	566.9	508.0	451.6	400.1	350.0	301.5	255.9	215.4	179.8	146.6	114.8
32.5°	605.4	540.9	480.4	423.7	370.1	317.8	269.9	227.0	188.4	152.4	118.5
30°	643.4	574.0	508.1	446.0	389.6	335.0	283.9	237.9	196.5	158.0	122.1
27.5°	678.3	604.6	534.6	469.1	408.7	351.2	297.1	247.9	204.2	163.8	126.4
25°	710.9	634.1	560.7	491.3	426.5	366.6	309.3	257.3	212.1	169.9	130.4
22.5°	741.4	661.5	584.5	511.8	442.9	380.8	321.1	267.2	219.5	175.4	134.0
20°	769.2	686.2	605.7	530.4	458.9	394.2	332.6	276.1	226.2	180.5	137.2
17.5°	794.2	708.7	625.9	547.7	473.9	406.2	342.7	283.9	232.0	185.0	140.1
15°	817.4	729.2	643.8	562.9	486.8	416.6	351.5	290.7	237.0	188.9	142.9
12.5°	837.4	746.8	659.0	575.7	497.6	425.5	359.0	296.4	241.1	192.4	145.4
10°	853.8	761.3	671.4	586.2	506.4	432.7	365.1	301.1	245.0	195.5	147.4
7.5°	866.6	772.7	681.0	594.3	513.4	438.7	370.2	305.3	248.2	197.8	148.8
5°	876.3	781.6	689.3	601.2	519.8	443.5	374.0	308.2	250.5	199.5	149.6
2.5°	884.9	788.2	695.8	605.6	524.2	446.7	376.2	310.0	251.8	200.3	149.8
0°	889.8	791.4	699.4	607.5	526.4	448.1	377.0	310.6	252.3	200.4	149.4
-2.5°	884.9	788.2	695.8	605.6	524.2	446.7	376.2	310.0	251.8	200.3	149.8
-5°	876.3	781.6	689.3	601.2	519.8	443.5	374.0	308.2	250.5	199.5	149.6
-7.5°	866.6	772.7	681.0	594.3	513.4	438.7	370.2	305.3	248.2	197.8	148.8
-10°	853.8	761.3	671.4	586.2	506.4	432.7	365.1	301.1	245.0	195.5	147.4
-12.5°	837.4	746.8	659.0	575.7	497.6	425.5	359.0	296.4	241.1	192.4	145.4
-15°	817.4	729.2	643.8	562.9	486.8	416.6	351.5	290.7	237.0	188.9	142.9
-17.5°	794.2	708.7	625.9	547.7	473.9	406.2	342.7	283.9	232.0	185.0	140.1
-20°	769.2	686.2	605.7	530.4	458.9	394.2	332.6	276.1	226.2	180.5	137.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	741.4	661.5	584.5	511.8	442.9	380.8	321.1	267.2	219.5	175.4	134.0
-25°	710.9	634.1	560.7	491.3	426.5	366.6	309.3	257.3	212.1	169.9	130.4
-27.5°	678.3	604.6	534.6	469.1	408.7	351.2	297.1	247.9	204.2	163.8	126.4
-30°	643.4	574.0	508.1	446.0	389.6	335.0	283.9	237.9	196.5	158.0	122.1
-32.5°	605.4	540.9	480.4	423.7	370.1	317.8	269.9	227.0	188.4	152.4	118.5
-35°	566.9	508.0	451.6	400.1	350.0	301.5	255.9	215.4	179.8	146.6	114.8
-37.5°	526.9	474.3	424.7	376.1	328.9	284.2	242.3	204.4	171.0	140.6	110.9
-40°	489.2	440.7	395.6	352.3	308.5	265.9	227.8	193.5	163.3	134.4	106.7
-42.5°	450.4	408.0	367.3	327.4	287.6	249.0	212.8	181.9	155.2	128.9	102.4
-45°	413.9	375.3	338.9	303.1	266.2	231.2	199.1	170.0	146.5	123.6	97.7
-47.5°	377.4	344.5	311.5	278.4	245.8	213.3	184.8	159.9	137.5	118.1	92.7
-50°	344.2	314.6	285.0	254.6	224.2	196.7	170.6	149.3	129.5	111.0	87.2
-52.5°	312.2	286.3	258.7	230.6	204.5	179.4	158.4	138.5	121.3	103.2	81.3
-55°	281.6	258.0	232.3	208.0	184.7	164.6	145.9	129.1	112.8	94.9	75.1
-57.5°	251.0	229.1	207.4	185.8	166.8	150.0	134.4	119.4	103.5	86.5	69.2
-60°	220.8	202.2	182.9	165.9	150.0	136.0	123.6	109.4	94.0	77.9	62.3
-62.5°	192.2	175.9	161.3	146.7	133.8	122.7	112.5	98.7	84.2	69.1	54.9
-65°	165.0	152.2	139.9	128.4	118.1	108.9	100.4	87.9	73.8	60.1	47.5
-67.5°	138.5	129.0	119.2	110.0	102.3	95.0	87.8	75.9	62.9	50.7	40.3
-70°	114.6	106.4	99.2	93.0	87.0	80.8	73.2	63.0	51.7	42.1	33.0
-72.5°	91.0	85.6	80.7	76.2	71.2	65.2	58.4	50.1	41.4	33.2	25.5
-75°	67.7	65.4	63.0	59.8	55.2	49.8	44.5	38.1	30.9	24.2	19.3
-77.5°	49.1	47.7	46.0	44.1	40.4	36.2	31.3	25.8	21.1	17.3	13.4
-80°	32.5	32.1	31.4	29.9	26.5	22.7	19.8	16.7	13.8	10.7	7.5
-82.5°	18.0	18.2	18.2	17.7	15.6	13.4	11.1	8.7	6.4	4.1	3.2
-85°	8.6	8.4	8.0	7.3	5.7	4.1	3.5	3.0	2.8	2.5	2.2
-87.5°	2.6	2.6	2.6	2.6	2.3	2.0	1.8	1.5	1.4	1.2	1.1
-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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REPORT NUMBER: P626611 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-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°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
82.5°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
80°	4.2	3.1	2.5	1.9	1.2	0.5	0.0
77.5°	9.2	4.9	3.1	2.3	1.5	0.7	0.0
75°	14.1	8.5	4.0	2.8	1.8	0.8	0.0
72.5°	18.9	12.0	6.5	3.2	2.1	0.9	0.0
70°	23.6	15.4	8.9	3.9	2.4	1.1	0.0
67.5°	29.3	18.6	11.1	5.3	2.7	1.2	0.0
65°	34.7	22.2	13.3	6.8	3.0	1.3	0.0
62.5°	39.9	26.2	15.3	8.1	3.2	1.4	0.0
60°	44.7	29.9	17.3	9.4	3.5	1.5	0.0
57.5°	49.8	33.4	19.8	10.6	4.2	1.7	0.0
55°	54.7	36.7	22.3	11.7	4.9	1.8	0.0
52.5°	59.1	39.8	24.5	12.7	5.6	1.9	0.0
50°	63.2	43.1	26.6	13.6	6.2	2.0	0.0
47.5°	67.1	46.1	28.5	14.6	6.8	2.0	0.0
45°	71.4	48.8	30.2	15.9	7.4	2.1	0.0
42.5°	75.3	51.2	31.7	17.0	7.9	2.2	0.0
40°	78.9	53.3	33.2	18.2	8.5	2.3	0.0
37.5°	82.1	55.1	34.7	19.3	8.9	2.4	0.0
35°	84.9	57.2	36.1	20.4	9.4	2.4	0.0
32.5°	87.5	59.3	37.1	21.4	9.8	2.5	0.0
30°	90.2	61.1	38.0	22.3	10.2	2.5	0.0
27.5°	92.6	62.6	39.3	23.1	10.5	2.6	0.0
25°	94.7	63.7	40.6	23.9	10.8	2.6	0.0
22.5°	96.6	64.9	41.6	24.5	11.1	2.7	0.0
20°	98.1	66.5	42.6	25.1	11.3	2.7	0.0
17.5°	100.0	67.8	43.3	25.5	11.5	2.7	0.0
15°	101.9	68.8	44.0	25.9	11.7	2.7	0.0
12.5°	103.5	69.6	44.4	26.2	11.8	2.7	0.0
10°	104.7	70.0	44.8	26.4	11.8	2.7	0.0
7.5°	105.6	70.2	44.9	26.6	11.9	2.7	0.0
5°	106.0	70.1	45.0	26.6	11.9	2.7	0.0
2.5°	106.0	69.8	44.9	26.5	11.9	2.7	0.0
0°	105.6	69.2	44.6	26.4	11.8	2.7	0.0
-2.5°	106.0	69.8	44.9	26.5	11.9	2.7	0.0
-5°	106.0	70.1	45.0	26.6	11.9	2.7	0.0
-7.5°	105.6	70.2	44.9	26.6	11.9	2.7	0.0
-10°	104.7	70.0	44.8	26.4	11.8	2.7	0.0
-12.5°	103.5	69.6	44.4	26.2	11.8	2.7	0.0
-15°	101.9	68.8	44.0	25.9	11.7	2.7	0.0
-17.5°	100.0	67.8	43.3	25.5	11.5	2.7	0.0
-20°	98.1	66.5	42.6	25.1	11.3	2.7	0.0

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CATALOG NUMBER: GFLD-SA1B-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	96.6	64.9	41.6	24.5	11.1	2.7	0.0
-25°	94.7	63.7	40.6	23.9	10.8	2.6	0.0
-27.5°	92.6	62.6	39.3	23.1	10.5	2.6	0.0
-30°	90.2	61.1	38.0	22.3	10.2	2.5	0.0
-32.5°	87.5	59.3	37.1	21.4	9.8	2.5	0.0
-35°	84.9	57.2	36.1	20.4	9.4	2.4	0.0
-37.5°	82.1	55.1	34.7	19.3	8.9	2.4	0.0
-40°	78.9	53.3	33.2	18.2	8.5	2.3	0.0
-42.5°	75.3	51.2	31.7	17.0	7.9	2.2	0.0
-45°	71.4	48.8	30.2	15.9	7.4	2.1	0.0
-47.5°	67.1	46.1	28.5	14.6	6.8	2.0	0.0
-50°	63.2	43.1	26.6	13.6	6.2	2.0	0.0
-52.5°	59.1	39.8	24.5	12.7	5.6	1.9	0.0
-55°	54.7	36.7	22.3	11.7	4.9	1.8	0.0
-57.5°	49.8	33.4	19.8	10.6	4.2	1.7	0.0
-60°	44.7	29.9	17.3	9.4	3.5	1.5	0.0
-62.5°	39.9	26.2	15.3	8.1	3.2	1.4	0.0
-65°	34.7	22.2	13.3	6.8	3.0	1.3	0.0
-67.5°	29.3	18.6	11.1	5.3	2.7	1.2	0.0
-70°	23.6	15.4	8.9	3.9	2.4	1.1	0.0
-72.5°	18.9	12.0	6.5	3.2	2.1	0.9	0.0
-75°	14.1	8.5	4.0	2.8	1.8	0.8	0.0
-77.5°	9.2	4.9	3.1	2.3	1.5	0.7	0.0
-80°	4.2	3.1	2.5	1.9	1.2	0.5	0.0
-82.5°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
-85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)