

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: P627285 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627285 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-740-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N77
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

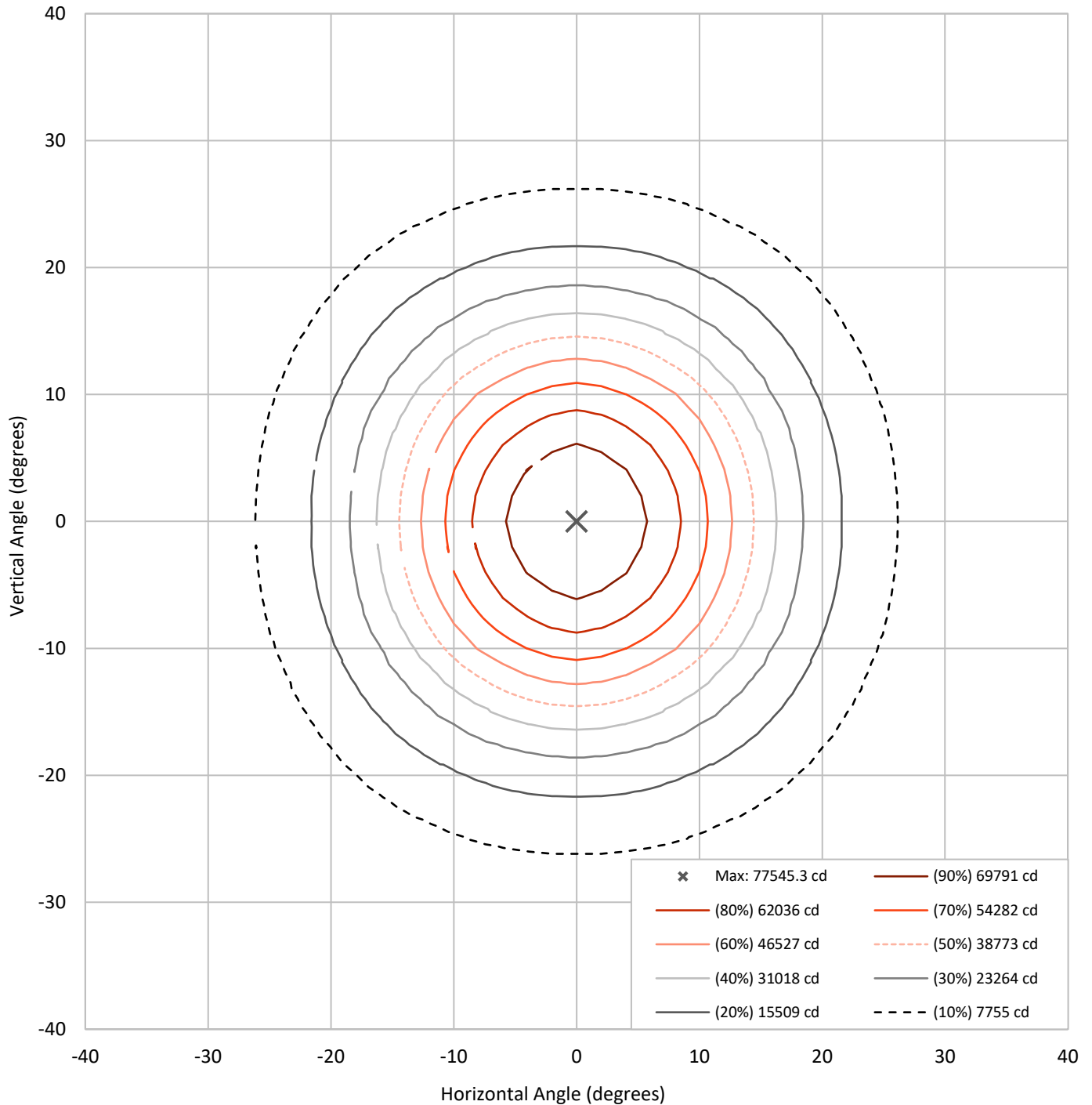
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	24227.8 lumens	Max Intensity:	77545.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	11779.2 lumens	Field Lumens:	19878.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	185.2		
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





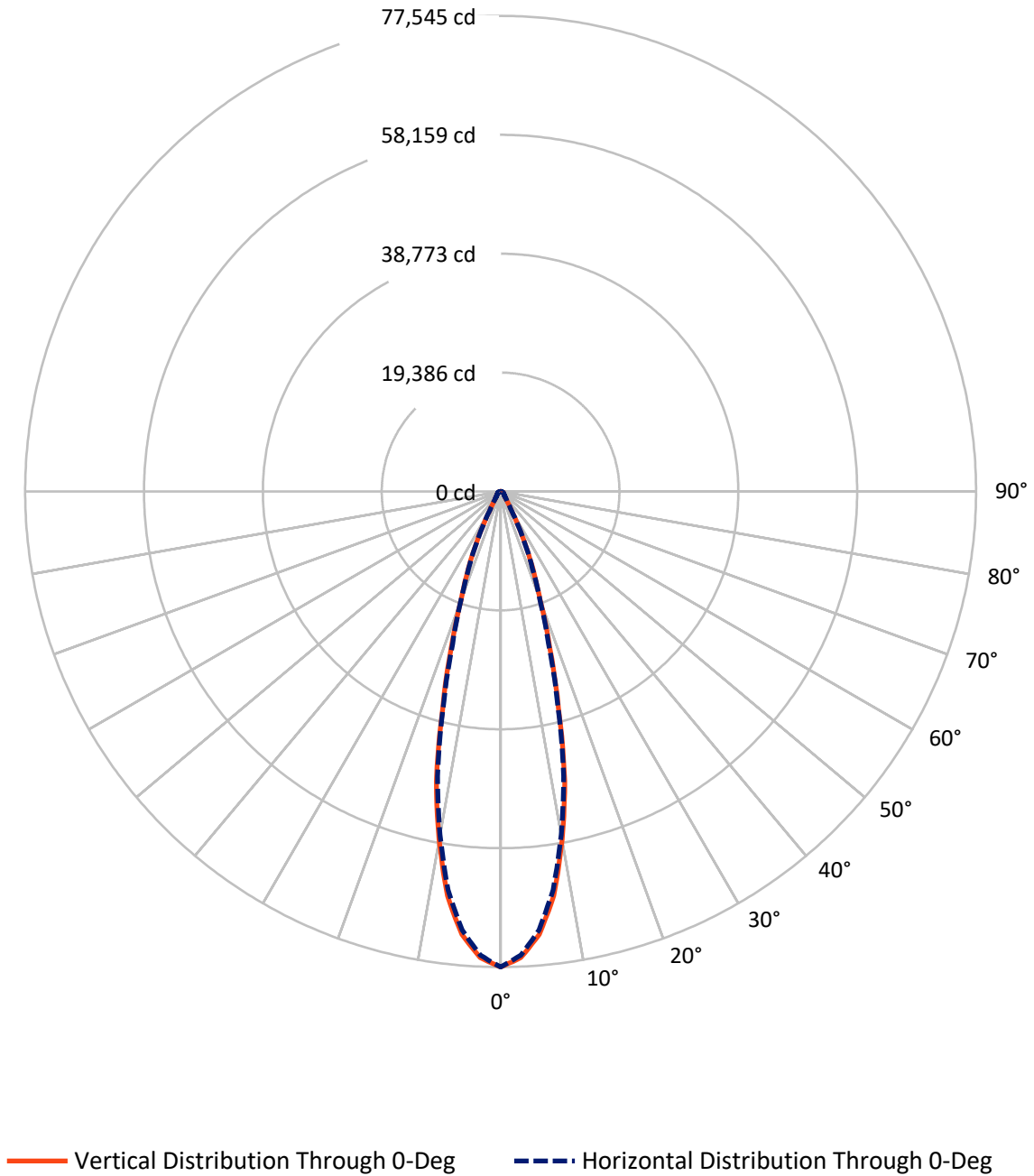
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Lumen Table

90	0.5	4.0		10.5		16.6		18.5		16.6		10.5		4.0		0.5
80	0.5	4.0		10.5		16.6		18.5		16.6		10.5		4.0		0.5
70	1.8	2.1	4.2	6.8	9.6	11.7	13.1	13.8	13.8	13.1	11.7	9.6	6.8	4.2	2.1	1.8
60		3.1	6.3	10.1	13.5	16.7	18.7	19.4	19.4	18.7	16.7	13.5	10.1	6.3	3.1	
50	3.2	4.0	8.0	12.5	16.6	21.0	24.7	26.5	26.5	24.7	21.0	16.6	12.5	8.0	4.0	3.2
40		4.7	9.4	14.4	20.3	29.0	42.0	54.6	54.6	42.0	29.0	20.3	14.4	9.4	4.7	
30	4.1	5.2	10.3	16.2	26.0	56.6	159.5	282.8	282.8	159.5	56.6	26.0	16.2	10.3	5.2	4.1
20		5.6	10.8	17.6	35.5	148.7	530.0	1015.6	1015.6	530.0	148.7	35.5	17.6	10.8	5.6	
10	4.4	5.8	11.0	18.5	45.1	256.7	980.9	1929.5	1929.5	980.9	256.7	45.1	18.5	11.0	5.8	4.4
0		5.8	11.0	18.5	45.1	256.7	980.9	1929.5	1929.5	980.9	256.7	45.1	18.5	11.0	5.8	
-10	4.1	5.6	10.8	17.6	35.5	148.7	530.0	1015.6	1015.6	530.0	148.7	35.5	17.6	10.8	5.6	4.1
-20		5.2	10.3	16.2	26.0	56.6	159.5	282.8	282.8	159.5	56.6	26.0	16.2	10.3	5.2	
-30	3.2	4.7	9.4	14.4	20.3	29.0	42.0	54.6	54.6	42.0	29.0	20.3	14.4	9.4	4.7	3.2
-40		4.0	8.0	12.5	16.6	21.0	24.7	26.5	26.5	24.7	21.0	16.6	12.5	8.0	4.0	
-50	1.8	3.1	6.3	10.1	13.5	16.7	18.7	19.4	19.4	18.7	16.7	13.5	10.1	6.3	3.1	1.8
-60		2.1	4.2	6.8	9.6	11.7	13.1	13.8	13.8	13.1	11.7	9.6	6.8	4.2	2.1	
-70	0.5	4.0		10.5		16.6		18.5		16.6		10.5		4.0		0.5
-80		4.0		10.5		16.6		18.5		16.6		10.5		4.0		
-90	0.5	4.0		10.5		16.6		18.5		16.6		10.5		4.0		0.5

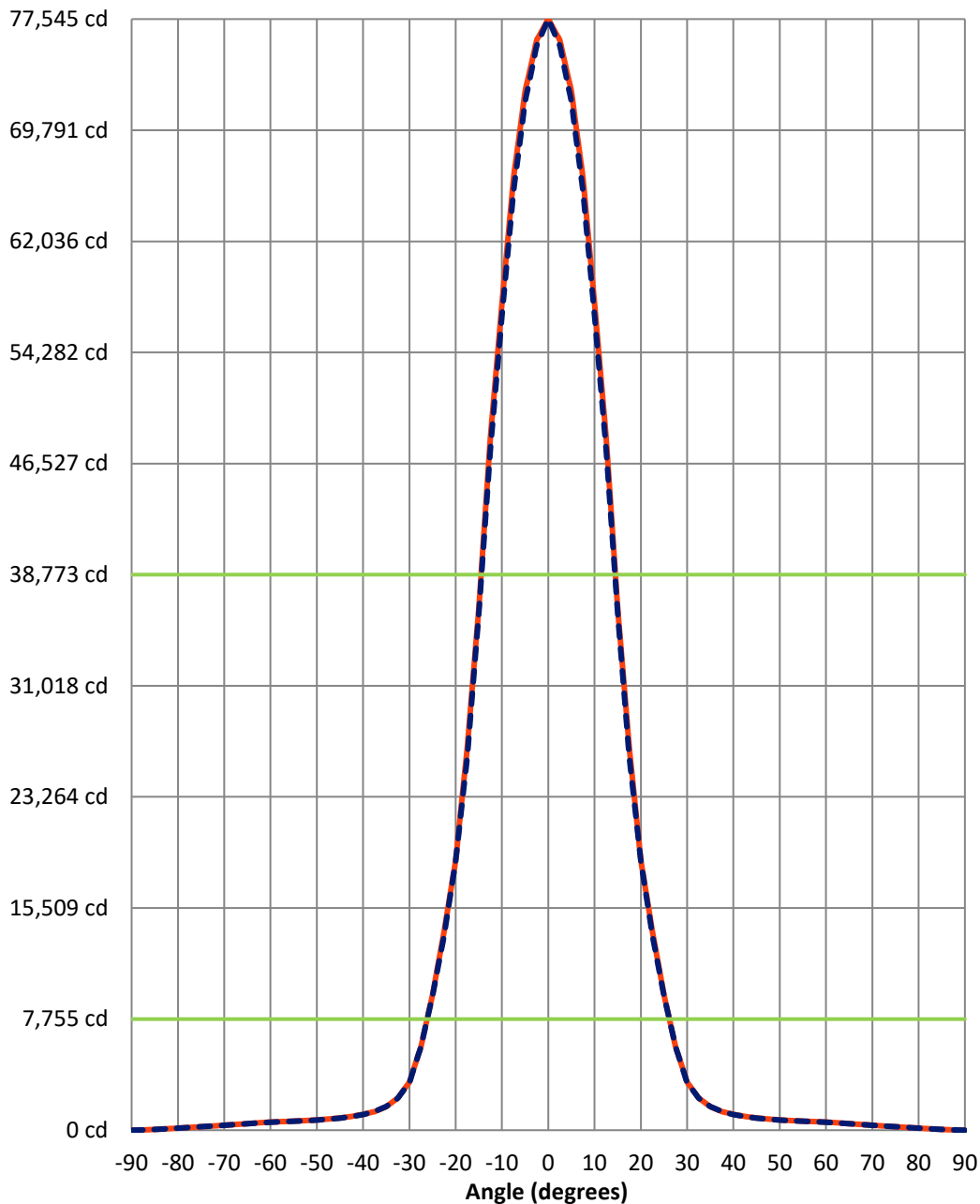
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 11779.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 19878.6
 Efficiency: 82.0%

Spill:
 Lumens: 4349.3
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.1	6.0	6.8	7.6	8.4
85°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	13.6	15.2	16.8
82.5°	0.0	2.6	5.2	7.8	10.3	12.9	15.4	17.9	20.8	25.5	30.4
80°	0.0	3.5	6.9	10.3	13.8	17.1	21.0	27.0	33.4	40.0	47.0
77.5°	0.0	4.3	8.6	12.9	17.1	22.5	29.8	37.6	45.8	54.4	63.9
75°	0.0	5.1	10.3	15.4	21.0	29.8	38.6	48.1	58.3	70.4	82.3
72.5°	0.0	6.0	12.0	17.9	26.8	37.1	47.3	59.0	73.0	86.8	100.4
70°	0.0	6.8	13.6	20.7	32.5	44.3	56.2	71.7	87.5	103.1	120.0
67.5°	0.0	7.6	15.2	25.0	38.2	51.3	67.1	84.2	101.8	120.8	139.7
65°	0.0	8.4	16.8	29.1	43.8	59.2	77.7	96.5	117.3	138.3	159.5
62.5°	0.0	9.2	18.4	33.2	49.2	68.0	88.2	109.5	132.6	155.6	179.9
60°	0.0	9.9	19.9	37.2	54.5	76.5	98.4	122.5	147.5	173.2	199.7
57.5°	0.0	10.7	22.5	41.1	61.1	84.9	109.2	135.3	162.3	190.2	219.2
55°	0.0	11.4	25.0	44.9	67.6	93.0	119.7	147.7	176.7	206.8	238.5
52.5°	0.0	12.1	27.5	48.6	73.9	100.9	129.8	159.7	190.5	223.6	257.1
50°	0.0	12.8	29.8	52.2	80.0	109.0	139.5	171.4	204.1	239.8	274.4
47.5°	0.0	13.4	32.1	55.9	85.9	116.6	148.8	182.6	218.0	255.5	290.7
45°	0.0	14.1	34.3	60.1	91.6	123.9	158.0	193.4	231.4	269.3	306.2
42.5°	0.0	14.7	36.4	64.2	97.0	130.9	166.9	204.2	244.2	282.3	320.4
40°	0.0	15.2	38.4	68.0	102.2	137.4	175.3	214.7	255.8	294.5	333.8
37.5°	0.0	15.8	40.3	71.6	107.2	143.6	183.3	224.5	266.2	306.2	346.5
35°	0.0	16.3	42.2	74.9	111.8	149.7	190.8	233.6	276.0	317.3	358.4
32.5°	0.0	16.8	43.8	78.0	116.2	155.5	197.9	242.1	285.1	327.7	370.0
30°	0.0	17.2	45.4	80.8	120.2	161.0	204.7	249.7	293.6	337.3	380.8
27.5°	0.0	17.7	46.9	83.3	123.8	166.0	210.8	256.5	301.4	346.1	390.7
25°	0.0	18.0	48.2	85.6	127.1	170.6	216.4	262.7	308.5	354.2	399.8
22.5°	0.0	18.4	49.5	87.7	130.2	174.8	221.3	268.3	314.9	361.5	408.9
20°	0.0	18.7	50.6	89.5	133.0	178.4	225.7	273.2	320.6	367.9	417.0
17.5°	0.0	19.0	51.6	91.0	135.6	181.5	229.7	277.5	325.6	373.5	424.0
15°	0.0	19.2	52.4	92.3	137.8	184.1	233.3	281.5	329.8	378.3	430.0
12.5°	0.0	19.4	53.1	93.3	139.8	186.1	236.4	285.2	333.7	382.2	434.9
10°	0.0	19.6	53.7	94.0	141.4	187.7	239.0	288.2	337.2	386.8	439.5
7.5°	0.0	19.7	54.2	94.5	142.6	188.7	241.1	290.6	339.9	390.9	444.5
5°	0.0	19.8	54.5	94.8	143.5	189.3	242.7	292.3	341.9	394.2	448.4
2.5°	0.0	19.9	54.7	94.8	144.1	189.4	243.6	293.4	343.1	396.7	451.3
0°	0.0	19.9	54.8	94.6	144.3	189.1	243.9	293.7	343.5	398.2	453.0
-2.5°	0.0	19.9	54.7	94.8	144.1	189.4	243.6	293.4	343.1	396.7	451.3
-5°	0.0	19.8	54.5	94.8	143.5	189.3	242.7	292.3	341.9	394.2	448.4
-7.5°	0.0	19.7	54.2	94.5	142.6	188.7	241.1	290.6	339.9	390.9	444.5
-10°	0.0	19.6	53.7	94.0	141.4	187.7	239.0	288.2	337.2	386.8	439.5
-12.5°	0.0	19.4	53.1	93.3	139.8	186.1	236.4	285.2	333.7	382.2	434.9
-15°	0.0	19.2	52.4	92.3	137.8	184.1	233.3	281.5	329.8	378.3	430.0
-17.5°	0.0	19.0	51.6	91.0	135.6	181.5	229.7	277.5	325.6	373.5	424.0
-20°	0.0	18.7	50.6	89.5	133.0	178.4	225.7	273.2	320.6	367.9	417.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.4	49.5	87.7	130.2	174.8	221.3	268.3	314.9	361.5	408.9
-25°	0.0	18.0	48.2	85.6	127.1	170.6	216.4	262.7	308.5	354.2	399.8
-27.5°	0.0	17.7	46.9	83.3	123.8	166.0	210.8	256.5	301.4	346.1	390.7
-30°	0.0	17.2	45.4	80.8	120.2	161.0	204.7	249.7	293.6	337.3	380.8
-32.5°	0.0	16.8	43.8	78.0	116.2	155.5	197.9	242.1	285.1	327.7	370.0
-35°	0.0	16.3	42.2	74.9	111.8	149.7	190.8	233.6	276.0	317.3	358.4
-37.5°	0.0	15.8	40.3	71.6	107.2	143.6	183.3	224.5	266.2	306.2	346.5
-40°	0.0	15.2	38.4	68.0	102.2	137.4	175.3	214.7	255.8	294.5	333.8
-42.5°	0.0	14.7	36.4	64.2	97.0	130.9	166.9	204.2	244.2	282.3	320.4
-45°	0.0	14.1	34.3	60.1	91.6	123.9	158.0	193.4	231.4	269.3	306.2
-47.5°	0.0	13.4	32.1	55.9	85.9	116.6	148.8	182.6	218.0	255.5	290.7
-50°	0.0	12.8	29.8	52.2	80.0	109.0	139.5	171.4	204.1	239.8	274.4
-52.5°	0.0	12.1	27.5	48.6	73.9	100.9	129.8	159.7	190.5	223.6	257.1
-55°	0.0	11.4	25.0	44.9	67.6	93.0	119.7	147.7	176.7	206.8	238.5
-57.5°	0.0	10.7	22.5	41.1	61.1	84.9	109.2	135.3	162.3	190.2	219.2
-60°	0.0	9.9	19.9	37.2	54.5	76.5	98.4	122.5	147.5	173.2	199.7
-62.5°	0.0	9.2	18.4	33.2	49.2	68.0	88.2	109.5	132.6	155.6	179.9
-65°	0.0	8.4	16.8	29.1	43.8	59.2	77.7	96.5	117.3	138.3	159.5
-67.5°	0.0	7.6	15.2	25.0	38.2	51.3	67.1	84.2	101.8	120.8	139.7
-70°	0.0	6.8	13.6	20.7	32.5	44.3	56.2	71.7	87.5	103.1	120.0
-72.5°	0.0	6.0	12.0	17.9	26.8	37.1	47.3	59.0	73.0	86.8	100.4
-75°	0.0	5.1	10.3	15.4	21.0	29.8	38.6	48.1	58.3	70.4	82.3
-77.5°	0.0	4.3	8.6	12.9	17.1	22.5	29.8	37.6	45.8	54.4	63.9
-80°	0.0	3.5	6.9	10.3	13.8	17.1	21.0	27.0	33.4	40.0	47.0
-82.5°	0.0	2.6	5.2	7.8	10.3	12.9	15.4	17.9	20.8	25.5	30.4
-85°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	13.6	15.2	16.8
-87.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.1	6.0	6.8	7.6	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	460.2	515.4	565.3	600.3	633.8	671.3	715.0	763.8	817.8	882.1	967.6
-25°	449.6	503.2	553.7	592.7	626.0	661.7	702.4	748.5	798.2	853.6	923.6
-27.5°	438.4	489.6	541.4	583.8	616.7	650.8	689.7	733.1	775.3	821.9	879.1
-30°	426.2	476.4	529.0	572.5	605.9	639.4	675.7	711.3	750.0	792.6	841.8
-32.5°	413.7	462.2	514.2	558.2	593.6	626.3	657.2	689.2	724.0	762.4	804.3
-35°	400.9	447.6	497.1	544.2	579.7	610.4	638.4	666.7	697.1	731.9	768.6
-37.5°	387.7	431.7	478.9	527.5	564.6	592.7	618.8	644.9	672.0	700.5	733.8
-40°	373.4	414.3	459.8	506.4	547.3	574.4	599.7	623.1	647.2	673.7	700.5
-42.5°	358.0	397.4	439.4	483.7	523.9	555.2	580.4	602.5	623.4	646.8	671.3
-45°	342.4	379.2	417.9	459.5	498.9	533.0	559.1	582.1	600.3	619.7	641.7
-47.5°	326.1	360.3	396.7	434.7	473.1	507.6	536.2	557.7	576.6	593.8	611.4
-50°	308.7	341.7	373.9	409.4	446.2	481.1	511.0	532.0	550.3	567.0	583.0
-52.5°	289.6	322.4	351.4	382.6	417.4	452.2	481.8	504.6	522.8	538.9	555.5
-55°	269.6	300.3	328.0	355.8	386.3	419.8	449.4	473.1	494.7	510.2	527.3
-57.5°	248.6	276.2	302.3	328.5	355.3	383.8	412.8	438.9	460.1	478.9	496.7
-60°	226.9	251.6	275.1	299.3	323.8	348.9	375.2	400.7	423.4	443.0	459.2
-62.5°	204.7	226.6	247.7	268.7	290.7	313.0	335.9	359.8	384.6	402.5	418.0
-65°	181.6	201.2	220.3	238.8	256.9	277.0	296.8	315.9	336.8	356.1	372.9
-67.5°	157.9	175.4	192.5	209.1	225.3	241.7	258.4	275.5	292.0	307.8	323.1
-70°	135.6	149.5	164.3	178.9	193.2	207.0	221.0	235.2	249.4	263.3	276.6
-72.5°	113.4	125.5	137.2	148.6	161.2	173.6	184.9	195.3	207.0	219.9	231.7
-75°	92.5	101.4	111.1	120.7	130.7	140.9	150.7	160.3	169.5	179.1	188.6
-77.5°	72.6	80.4	87.5	94.0	101.0	109.5	117.7	125.5	133.0	140.2	147.1
-80°	53.3	59.4	65.5	71.2	76.7	82.2	87.4	92.5	97.3	102.5	107.9
-82.5°	35.1	39.7	44.1	48.5	52.7	56.7	60.6	64.4	68.0	71.5	74.8
-85°	18.4	19.9	22.8	25.7	28.5	31.2	33.8	36.3	38.8	41.0	43.2
-87.5°	9.2	9.9	10.7	11.4	12.1	12.8	13.4	14.1	14.7	15.2	15.8
-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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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1081.4	1234.8	1448.3	1742.0	2243.5	3033.8	4059.9	5623.0	7360.8	9075.9	10643.5
-25°	1011.9	1124.9	1286.1	1510.4	1798.1	2257.4	2914.7	3676.0	4848.2	5890.9	7089.1
-27.5°	953.2	1044.4	1153.7	1308.3	1516.5	1743.5	2132.9	2553.4	3139.3	3603.1	4429.0
-30°	898.7	969.0	1056.4	1156.6	1295.8	1459.8	1650.9	1899.6	2168.6	2446.9	2821.5
-32.5°	852.7	907.2	971.4	1049.0	1131.3	1246.8	1355.2	1502.3	1628.0	1790.2	1967.4
-35°	807.5	853.8	903.3	959.8	1020.7	1092.7	1166.7	1253.4	1327.0	1420.5	1506.8
-37.5°	766.9	803.4	845.4	887.5	934.8	980.6	1033.4	1085.5	1130.8	1189.6	1236.8
-40°	729.7	758.1	793.5	828.6	865.0	896.9	934.7	968.6	999.7	1033.3	1061.1
-42.5°	695.6	721.5	747.5	777.1	806.5	834.0	859.9	882.1	902.3	922.1	937.5
-45°	664.2	687.3	709.9	732.9	754.5	778.6	800.4	817.1	829.5	840.2	848.7
-47.5°	633.1	654.6	675.0	694.4	713.2	732.0	749.2	760.7	769.2	775.4	779.9
-50°	603.2	623.0	641.8	658.6	675.1	690.9	705.5	713.9	719.8	723.5	724.6
-52.5°	574.6	592.8	610.3	626.0	640.2	653.4	664.8	670.9	675.8	679.3	680.4
-55°	545.4	562.5	578.8	592.9	606.1	618.3	627.5	631.9	635.1	637.2	638.5
-57.5°	512.9	530.0	546.3	558.6	570.7	582.6	590.8	595.3	598.3	599.9	601.3
-60°	475.4	491.5	505.0	517.4	530.1	542.8	548.0	552.1	556.0	559.6	562.9
-62.5°	433.3	447.5	458.4	468.7	479.1	488.9	494.6	498.9	502.1	504.8	508.1
-65°	386.9	399.4	408.9	416.7	423.1	429.9	436.2	440.8	443.9	446.7	449.6
-67.5°	337.6	349.9	359.2	366.6	372.6	377.9	382.7	386.3	388.7	391.1	393.6
-70°	289.2	300.7	310.6	319.0	325.7	330.7	334.6	337.8	340.2	341.9	342.8
-72.5°	242.4	252.0	261.0	269.4	276.8	282.1	285.7	288.6	290.8	292.5	293.4
-75°	198.0	206.5	214.0	221.0	227.4	231.9	235.1	237.4	238.9	240.6	241.9
-77.5°	153.9	160.7	166.9	172.7	178.1	182.3	185.8	188.5	190.6	192.0	192.9
-80°	113.1	118.6	123.7	128.2	132.3	135.2	137.8	140.3	142.5	143.5	144.0
-82.5°	77.9	81.4	84.9	88.4	91.8	93.1	94.0	94.6	95.1	96.4	97.5
-85°	45.3	47.2	49.0	50.7	52.2	52.6	52.8	52.7	52.4	53.1	53.7
-87.5°	16.3	16.8	17.2	17.7	18.0	18.4	18.7	19.0	19.2	19.4	19.6
-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: P627285 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12093.0	13169.6	13759.5	13862.5	13759.5	13169.6	12093.0	10643.5	9075.9	7360.8	5623.0
-25°	8150.5	8939.2	9444.2	9452.4	9444.2	8939.2	8150.5	7089.1	5890.9	4848.2	3676.0
-27.5°	5071.1	5533.2	5807.0	5828.7	5807.0	5533.2	5071.1	4429.0	3603.1	3139.3	2553.4
-30°	3108.2	3293.5	3380.5	3359.8	3380.5	3293.5	3108.2	2821.5	2446.9	2168.6	1899.6
-32.5°	2098.4	2189.2	2238.0	2244.9	2238.0	2189.2	2098.4	1967.4	1790.2	1628.0	1502.3
-35°	1573.3	1617.6	1640.7	1642.6	1640.7	1617.6	1573.3	1506.8	1420.5	1327.0	1253.4
-37.5°	1271.8	1295.1	1305.6	1299.1	1305.6	1295.1	1271.8	1236.8	1189.6	1130.8	1085.5
-40°	1081.3	1094.1	1102.3	1110.0	1102.3	1094.1	1081.3	1061.1	1033.3	999.7	968.6
-42.5°	948.5	954.8	958.3	960.7	958.3	954.8	948.5	937.5	922.1	902.3	882.1
-45°	854.8	857.7	858.0	856.1	858.0	857.7	854.8	848.7	840.2	829.5	817.1
-47.5°	783.0	784.0	783.6	781.5	783.6	784.0	783.0	779.9	775.4	769.2	760.7
-50°	723.9	721.5	719.2	716.8	719.2	721.5	723.9	724.6	723.5	719.8	713.9
-52.5°	679.4	676.8	674.4	672.0	674.4	676.8	679.4	680.4	679.3	675.8	670.9
-55°	638.2	636.6	634.6	632.1	634.6	636.6	638.2	638.5	637.2	635.1	631.9
-57.5°	601.8	601.3	601.8	602.3	601.8	601.3	601.8	601.3	599.9	598.3	595.3
-60°	564.9	565.4	566.7	567.4	566.7	565.4	564.9	562.9	559.6	556.0	552.1
-62.5°	510.0	510.6	514.2	517.7	514.2	510.6	510.0	508.1	504.8	502.1	498.9
-65°	451.1	451.3	454.6	457.9	454.6	451.3	451.1	449.6	446.7	443.9	440.8
-67.5°	395.4	396.4	400.0	403.2	400.0	396.4	395.4	393.6	391.1	388.7	386.3
-70°	342.9	342.2	345.4	348.4	345.4	342.2	342.9	342.8	341.9	340.2	337.8
-72.5°	293.4	292.6	293.4	293.7	293.4	292.6	293.4	293.4	292.5	290.8	288.6
-75°	242.7	242.8	243.6	243.9	243.6	242.8	242.7	241.9	240.6	238.9	237.4
-77.5°	193.3	193.2	193.9	194.1	193.9	193.2	193.3	192.9	192.0	190.6	188.5
-80°	144.0	143.7	144.1	144.3	144.1	143.7	144.0	144.0	143.5	142.5	140.3
-82.5°	98.4	99.1	99.5	99.6	99.5	99.1	98.4	97.5	96.4	95.1	94.6
-85°	54.2	54.5	54.7	54.8	54.7	54.5	54.2	53.7	53.1	52.4	52.7
-87.5°	19.7	19.8	19.9	19.9	19.9	19.8	19.7	19.6	19.4	19.2	19.0
-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: P627285 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4059.9	3033.8	2243.5	1742.0	1448.3	1234.8	1081.4	967.6	882.1	817.8	763.8
-25°	2914.7	2257.4	1798.1	1510.4	1286.1	1124.9	1011.9	923.6	853.6	798.2	748.5
-27.5°	2132.9	1743.5	1516.5	1308.3	1153.7	1044.4	953.2	879.1	821.9	775.3	733.1
-30°	1650.9	1459.8	1295.8	1156.6	1056.4	969.0	898.7	841.8	792.6	750.0	711.3
-32.5°	1355.2	1246.8	1131.3	1049.0	971.4	907.2	852.7	804.3	762.4	724.0	689.2
-35°	1166.7	1092.7	1020.7	959.8	903.3	853.8	807.5	768.6	731.9	697.1	666.7
-37.5°	1033.4	980.6	934.8	887.5	845.4	803.4	766.9	733.8	700.5	672.0	644.9
-40°	934.7	896.9	865.0	828.6	793.5	758.1	729.7	700.5	673.7	647.2	623.1
-42.5°	859.9	834.0	806.5	777.1	747.5	721.5	695.6	671.3	646.8	623.4	602.5
-45°	800.4	778.6	754.5	732.9	709.9	687.3	664.2	641.7	619.7	600.3	582.1
-47.5°	749.2	732.0	713.2	694.4	675.0	654.6	633.1	611.4	593.8	576.6	557.7
-50°	705.5	690.9	675.1	658.6	641.8	623.0	603.2	583.0	567.0	550.3	532.0
-52.5°	664.8	653.4	640.2	626.0	610.3	592.8	574.6	555.5	538.9	522.8	504.6
-55°	627.5	618.3	606.1	592.9	578.8	562.5	545.4	527.3	510.2	494.7	473.1
-57.5°	590.8	582.6	570.7	558.6	546.3	530.0	512.9	496.7	478.9	460.1	438.9
-60°	548.0	542.8	530.1	517.4	505.0	491.5	475.4	459.2	443.0	423.4	400.7
-62.5°	494.6	488.9	479.1	468.7	458.4	447.5	433.3	418.0	402.5	384.6	359.8
-65°	436.2	429.9	423.1	416.7	408.9	399.4	386.9	372.9	356.1	336.8	315.9
-67.5°	382.7	377.9	372.6	366.6	359.2	349.9	337.6	323.1	307.8	292.0	275.5
-70°	334.6	330.7	325.7	319.0	310.6	300.7	289.2	276.6	263.3	249.4	235.2
-72.5°	285.7	282.1	276.8	269.4	261.0	252.0	242.4	231.7	219.9	207.0	195.3
-75°	235.1	231.9	227.4	221.0	214.0	206.5	198.0	188.6	179.1	169.5	160.3
-77.5°	185.8	182.3	178.1	172.7	166.9	160.7	153.9	147.1	140.2	133.0	125.5
-80°	137.8	135.2	132.3	128.2	123.7	118.6	113.1	107.9	102.5	97.3	92.5
-82.5°	94.0	93.1	91.8	88.4	84.9	81.4	77.9	74.8	71.5	68.0	64.4
-85°	52.8	52.6	52.2	50.7	49.0	47.2	45.3	43.2	41.0	38.8	36.3
-87.5°	18.7	18.4	18.0	17.7	17.2	16.8	16.3	15.8	15.2	14.7	14.1
-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: P627285 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.4	12.8	12.1	11.4	10.7	9.9	9.2	8.4	7.6	6.8	6.0
85°	33.8	31.2	28.5	25.7	22.8	19.9	18.4	16.8	15.2	13.6	12.0
82.5°	60.6	56.7	52.7	48.5	44.1	39.7	35.1	30.4	25.5	20.8	17.9
80°	87.4	82.2	76.7	71.2	65.5	59.4	53.3	47.0	40.0	33.4	27.0
77.5°	117.7	109.5	101.0	94.0	87.5	80.4	72.6	63.9	54.4	45.8	37.6
75°	150.7	140.9	130.7	120.7	111.1	101.4	92.5	82.3	70.4	58.3	48.1
72.5°	184.9	173.6	161.2	148.6	137.2	125.5	113.4	100.4	86.8	73.0	59.0
70°	221.0	207.0	193.2	178.9	164.3	149.5	135.6	120.0	103.1	87.5	71.7
67.5°	258.4	241.7	225.3	209.1	192.5	175.4	157.9	139.7	120.8	101.8	84.2
65°	296.8	277.0	256.9	238.8	220.3	201.2	181.6	159.5	138.3	117.3	96.5
62.5°	335.9	313.0	290.7	268.7	247.7	226.6	204.7	179.9	155.6	132.6	109.5
60°	375.2	348.9	323.8	299.3	275.1	251.6	226.9	199.7	173.2	147.5	122.5
57.5°	412.8	383.8	355.3	328.5	302.3	276.2	248.6	219.2	190.2	162.3	135.3
55°	449.4	419.8	386.3	355.8	328.0	300.3	269.6	238.5	206.8	176.7	147.7
52.5°	481.8	452.2	417.4	382.6	351.4	322.4	289.6	257.1	223.6	190.5	159.7
50°	511.0	481.1	446.2	409.4	373.9	341.7	308.7	274.4	239.8	204.1	171.4
47.5°	536.2	507.6	473.1	434.7	396.7	360.3	326.1	290.7	255.5	218.0	182.6
45°	559.1	533.0	498.9	459.5	417.9	379.2	342.4	306.2	269.3	231.4	193.4
42.5°	580.4	555.2	523.9	483.7	439.4	397.4	358.0	320.4	282.3	244.2	204.2
40°	599.7	574.4	547.3	506.4	459.8	414.3	373.4	333.8	294.5	255.8	214.7
37.5°	618.8	592.7	564.6	527.5	478.9	431.7	387.7	346.5	306.2	266.2	224.5
35°	638.4	610.4	579.7	544.2	497.1	447.6	400.9	358.4	317.3	276.0	233.6
32.5°	657.2	626.3	593.6	558.2	514.2	462.2	413.7	370.0	327.7	285.1	242.1
30°	675.7	639.4	605.9	572.5	529.0	476.4	426.2	380.8	337.3	293.6	249.7
27.5°	689.7	650.8	616.7	583.8	541.4	489.6	438.4	390.7	346.1	301.4	256.5
25°	702.4	661.7	626.0	592.7	553.7	503.2	449.6	399.8	354.2	308.5	262.7
22.5°	715.0	671.3	633.8	600.3	565.3	515.4	460.2	408.9	361.5	314.9	268.3
20°	725.9	678.9	640.2	607.3	573.1	524.9	470.1	417.0	367.9	320.6	273.2
17.5°	735.2	686.8	646.9	613.0	578.4	533.0	478.8	424.0	373.5	325.6	277.5
15°	744.8	694.9	652.7	617.4	583.1	539.6	486.2	430.0	378.3	329.8	281.5
12.5°	752.9	700.9	657.1	620.6	586.9	544.8	492.3	434.9	382.2	333.7	285.2
10°	759.3	704.8	660.3	622.6	590.0	548.5	497.1	439.5	386.8	337.2	288.2
7.5°	763.7	706.8	662.1	623.4	592.1	551.9	501.7	444.5	390.9	339.9	290.6
5°	766.7	707.7	663.2	625.3	593.4	555.0	505.1	448.4	394.2	341.9	292.3
2.5°	770.3	708.1	663.3	626.7	593.4	556.9	507.1	451.3	396.7	343.1	293.4
0°	771.5	706.8	662.0	627.2	592.3	557.5	507.7	453.0	398.2	343.5	293.7
-2.5°	770.3	708.1	663.3	626.7	593.4	556.9	507.1	451.3	396.7	343.1	293.4
-5°	766.7	707.7	663.2	625.3	593.4	555.0	505.1	448.4	394.2	341.9	292.3
-7.5°	763.7	706.8	662.1	623.4	592.1	551.9	501.7	444.5	390.9	339.9	290.6
-10°	759.3	704.8	660.3	622.6	590.0	548.5	497.1	439.5	386.8	337.2	288.2
-12.5°	752.9	700.9	657.1	620.6	586.9	544.8	492.3	434.9	382.2	333.7	285.2
-15°	744.8	694.9	652.7	617.4	583.1	539.6	486.2	430.0	378.3	329.8	281.5
-17.5°	735.2	686.8	646.9	613.0	578.4	533.0	478.8	424.0	373.5	325.6	277.5
-20°	725.9	678.9	640.2	607.3	573.1	524.9	470.1	417.0	367.9	320.6	273.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627285 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	715.0	671.3	633.8	600.3	565.3	515.4	460.2	408.9	361.5	314.9	268.3
-25°	702.4	661.7	626.0	592.7	553.7	503.2	449.6	399.8	354.2	308.5	262.7
-27.5°	689.7	650.8	616.7	583.8	541.4	489.6	438.4	390.7	346.1	301.4	256.5
-30°	675.7	639.4	605.9	572.5	529.0	476.4	426.2	380.8	337.3	293.6	249.7
-32.5°	657.2	626.3	593.6	558.2	514.2	462.2	413.7	370.0	327.7	285.1	242.1
-35°	638.4	610.4	579.7	544.2	497.1	447.6	400.9	358.4	317.3	276.0	233.6
-37.5°	618.8	592.7	564.6	527.5	478.9	431.7	387.7	346.5	306.2	266.2	224.5
-40°	599.7	574.4	547.3	506.4	459.8	414.3	373.4	333.8	294.5	255.8	214.7
-42.5°	580.4	555.2	523.9	483.7	439.4	397.4	358.0	320.4	282.3	244.2	204.2
-45°	559.1	533.0	498.9	459.5	417.9	379.2	342.4	306.2	269.3	231.4	193.4
-47.5°	536.2	507.6	473.1	434.7	396.7	360.3	326.1	290.7	255.5	218.0	182.6
-50°	511.0	481.1	446.2	409.4	373.9	341.7	308.7	274.4	239.8	204.1	171.4
-52.5°	481.8	452.2	417.4	382.6	351.4	322.4	289.6	257.1	223.6	190.5	159.7
-55°	449.4	419.8	386.3	355.8	328.0	300.3	269.6	238.5	206.8	176.7	147.7
-57.5°	412.8	383.8	355.3	328.5	302.3	276.2	248.6	219.2	190.2	162.3	135.3
-60°	375.2	348.9	323.8	299.3	275.1	251.6	226.9	199.7	173.2	147.5	122.5
-62.5°	335.9	313.0	290.7	268.7	247.7	226.6	204.7	179.9	155.6	132.6	109.5
-65°	296.8	277.0	256.9	238.8	220.3	201.2	181.6	159.5	138.3	117.3	96.5
-67.5°	258.4	241.7	225.3	209.1	192.5	175.4	157.9	139.7	120.8	101.8	84.2
-70°	221.0	207.0	193.2	178.9	164.3	149.5	135.6	120.0	103.1	87.5	71.7
-72.5°	184.9	173.6	161.2	148.6	137.2	125.5	113.4	100.4	86.8	73.0	59.0
-75°	150.7	140.9	130.7	120.7	111.1	101.4	92.5	82.3	70.4	58.3	48.1
-77.5°	117.7	109.5	101.0	94.0	87.5	80.4	72.6	63.9	54.4	45.8	37.6
-80°	87.4	82.2	76.7	71.2	65.5	59.4	53.3	47.0	40.0	33.4	27.0
-82.5°	60.6	56.7	52.7	48.5	44.1	39.7	35.1	30.4	25.5	20.8	17.9
-85°	33.8	31.2	28.5	25.7	22.8	19.9	18.4	16.8	15.2	13.6	12.0
-87.5°	13.4	12.8	12.1	11.4	10.7	9.9	9.2	8.4	7.6	6.8	6.0
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627285 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	4.3	3.5	2.6	1.7	0.9	0.0
85°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
82.5°	15.4	12.9	10.3	7.8	5.2	2.6	0.0
80°	21.0	17.1	13.8	10.3	6.9	3.5	0.0
77.5°	29.8	22.5	17.1	12.9	8.6	4.3	0.0
75°	38.6	29.8	21.0	15.4	10.3	5.1	0.0
72.5°	47.3	37.1	26.8	17.9	12.0	6.0	0.0
70°	56.2	44.3	32.5	20.7	13.6	6.8	0.0
67.5°	67.1	51.3	38.2	25.0	15.2	7.6	0.0
65°	77.7	59.2	43.8	29.1	16.8	8.4	0.0
62.5°	88.2	68.0	49.2	33.2	18.4	9.2	0.0
60°	98.4	76.5	54.5	37.2	19.9	9.9	0.0
57.5°	109.2	84.9	61.1	41.1	22.5	10.7	0.0
55°	119.7	93.0	67.6	44.9	25.0	11.4	0.0
52.5°	129.8	100.9	73.9	48.6	27.5	12.1	0.0
50°	139.5	109.0	80.0	52.2	29.8	12.8	0.0
47.5°	148.8	116.6	85.9	55.9	32.1	13.4	0.0
45°	158.0	123.9	91.6	60.1	34.3	14.1	0.0
42.5°	166.9	130.9	97.0	64.2	36.4	14.7	0.0
40°	175.3	137.4	102.2	68.0	38.4	15.2	0.0
37.5°	183.3	143.6	107.2	71.6	40.3	15.8	0.0
35°	190.8	149.7	111.8	74.9	42.2	16.3	0.0
32.5°	197.9	155.5	116.2	78.0	43.8	16.8	0.0
30°	204.7	161.0	120.2	80.8	45.4	17.2	0.0
27.5°	210.8	166.0	123.8	83.3	46.9	17.7	0.0
25°	216.4	170.6	127.1	85.6	48.2	18.0	0.0
22.5°	221.3	174.8	130.2	87.7	49.5	18.4	0.0
20°	225.7	178.4	133.0	89.5	50.6	18.7	0.0
17.5°	229.7	181.5	135.6	91.0	51.6	19.0	0.0
15°	233.3	184.1	137.8	92.3	52.4	19.2	0.0
12.5°	236.4	186.1	139.8	93.3	53.1	19.4	0.0
10°	239.0	187.7	141.4	94.0	53.7	19.6	0.0
7.5°	241.1	188.7	142.6	94.5	54.2	19.7	0.0
5°	242.7	189.3	143.5	94.8	54.5	19.8	0.0
2.5°	243.6	189.4	144.1	94.8	54.7	19.9	0.0
0°	243.9	189.1	144.3	94.6	54.8	19.9	0.0
-2.5°	243.6	189.4	144.1	94.8	54.7	19.9	0.0
-5°	242.7	189.3	143.5	94.8	54.5	19.8	0.0
-7.5°	241.1	188.7	142.6	94.5	54.2	19.7	0.0
-10°	239.0	187.7	141.4	94.0	53.7	19.6	0.0
-12.5°	236.4	186.1	139.8	93.3	53.1	19.4	0.0
-15°	233.3	184.1	137.8	92.3	52.4	19.2	0.0
-17.5°	229.7	181.5	135.6	91.0	51.6	19.0	0.0
-20°	225.7	178.4	133.0	89.5	50.6	18.7	0.0

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CATALOG NUMBER: GFLD-SA3E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	221.3	174.8	130.2	87.7	49.5	18.4	0.0
-25°	216.4	170.6	127.1	85.6	48.2	18.0	0.0
-27.5°	210.8	166.0	123.8	83.3	46.9	17.7	0.0
-30°	204.7	161.0	120.2	80.8	45.4	17.2	0.0
-32.5°	197.9	155.5	116.2	78.0	43.8	16.8	0.0
-35°	190.8	149.7	111.8	74.9	42.2	16.3	0.0
-37.5°	183.3	143.6	107.2	71.6	40.3	15.8	0.0
-40°	175.3	137.4	102.2	68.0	38.4	15.2	0.0
-42.5°	166.9	130.9	97.0	64.2	36.4	14.7	0.0
-45°	158.0	123.9	91.6	60.1	34.3	14.1	0.0
-47.5°	148.8	116.6	85.9	55.9	32.1	13.4	0.0
-50°	139.5	109.0	80.0	52.2	29.8	12.8	0.0
-52.5°	129.8	100.9	73.9	48.6	27.5	12.1	0.0
-55°	119.7	93.0	67.6	44.9	25.0	11.4	0.0
-57.5°	109.2	84.9	61.1	41.1	22.5	10.7	0.0
-60°	98.4	76.5	54.5	37.2	19.9	9.9	0.0
-62.5°	88.2	68.0	49.2	33.2	18.4	9.2	0.0
-65°	77.7	59.2	43.8	29.1	16.8	8.4	0.0
-67.5°	67.1	51.3	38.2	25.0	15.2	7.6	0.0
-70°	56.2	44.3	32.5	20.7	13.6	6.8	0.0
-72.5°	47.3	37.1	26.8	17.9	12.0	6.0	0.0
-75°	38.6	29.8	21.0	15.4	10.3	5.1	0.0
-77.5°	29.8	22.5	17.1	12.9	8.6	4.3	0.0
-80°	21.0	17.1	13.8	10.3	6.9	3.5	0.0
-82.5°	15.4	12.9	10.3	7.8	5.2	2.6	0.0
-85°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
-87.5°	5.1	4.3	3.5	2.6	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)