

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: LUMARK

Report Number: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF25-XX-PC-11W-7030**

Issue Date: 10/4/2022

Test Information

Test Method: LM-79-08
Report Number: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (2022-09-29)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 10/4/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LSF25-XX-PC-11W-7030
Description: Flood light with selectable wattage and CCT
Light Source: (1) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

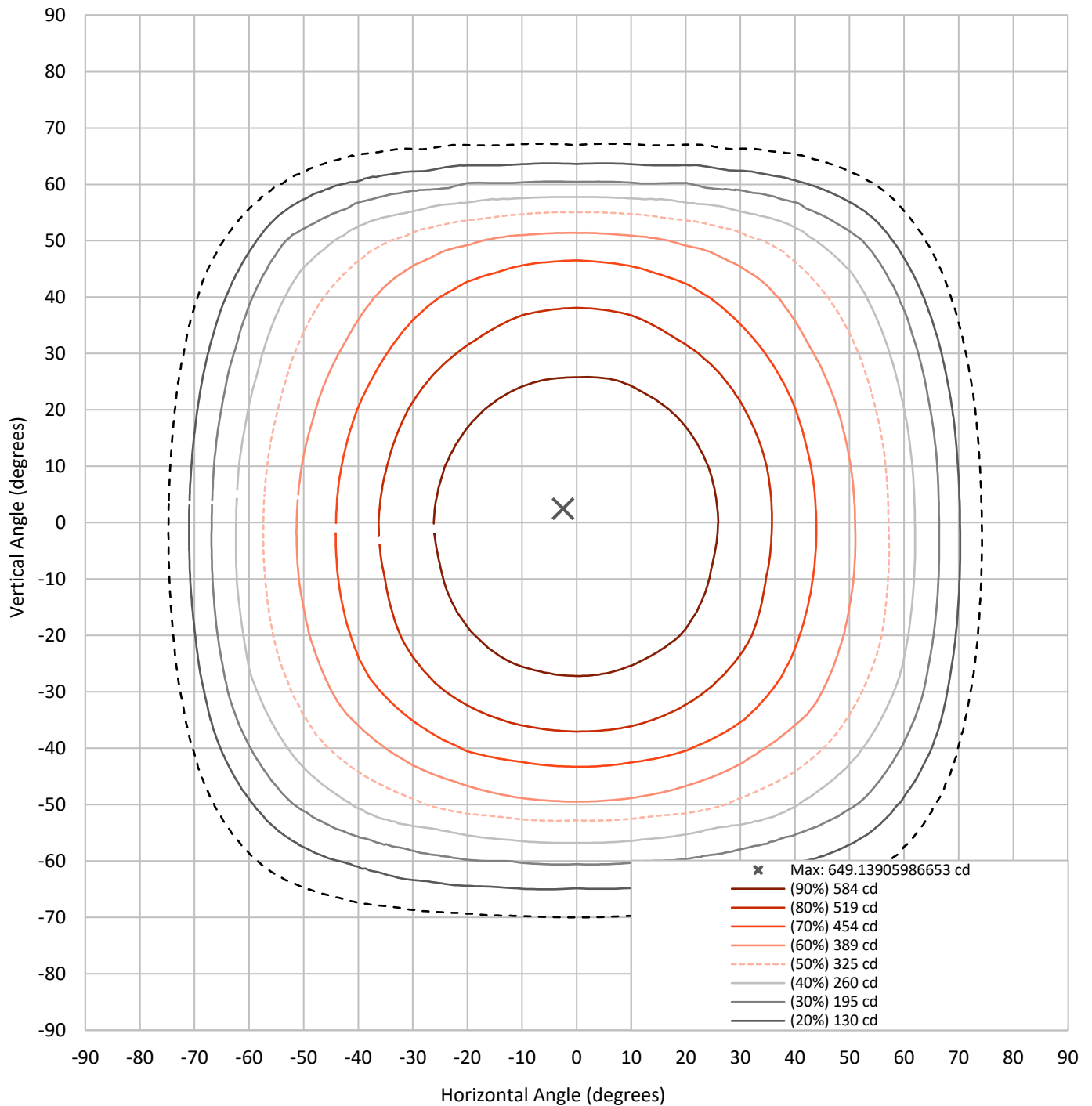
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	1717.5 lumens	Max Intensity:	649.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	156.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.08m x L: 0.16m x H: 0m)		
Beam Angle (50%):	114.6°H x 108.1°V	Field Angle (10%):	148.8°H x 137°V
Beam Lumens:	1399.3 lumens	Field Lumens:	1693.5 lumens
Beam Efficiency:	81.5%	Field Efficiency:	98.6%
Input Watts (W):	11		
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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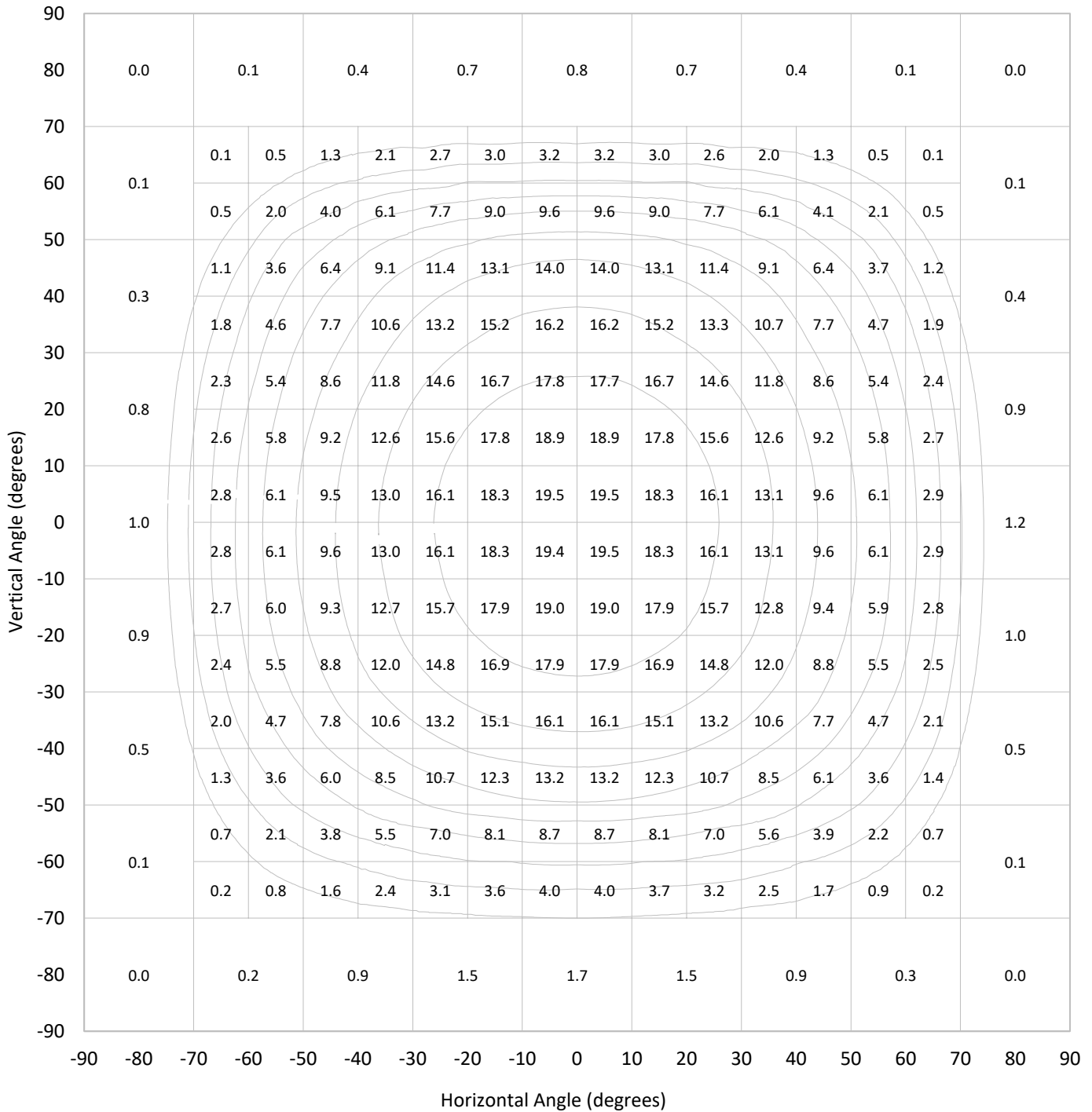
Iso-Candela Plot





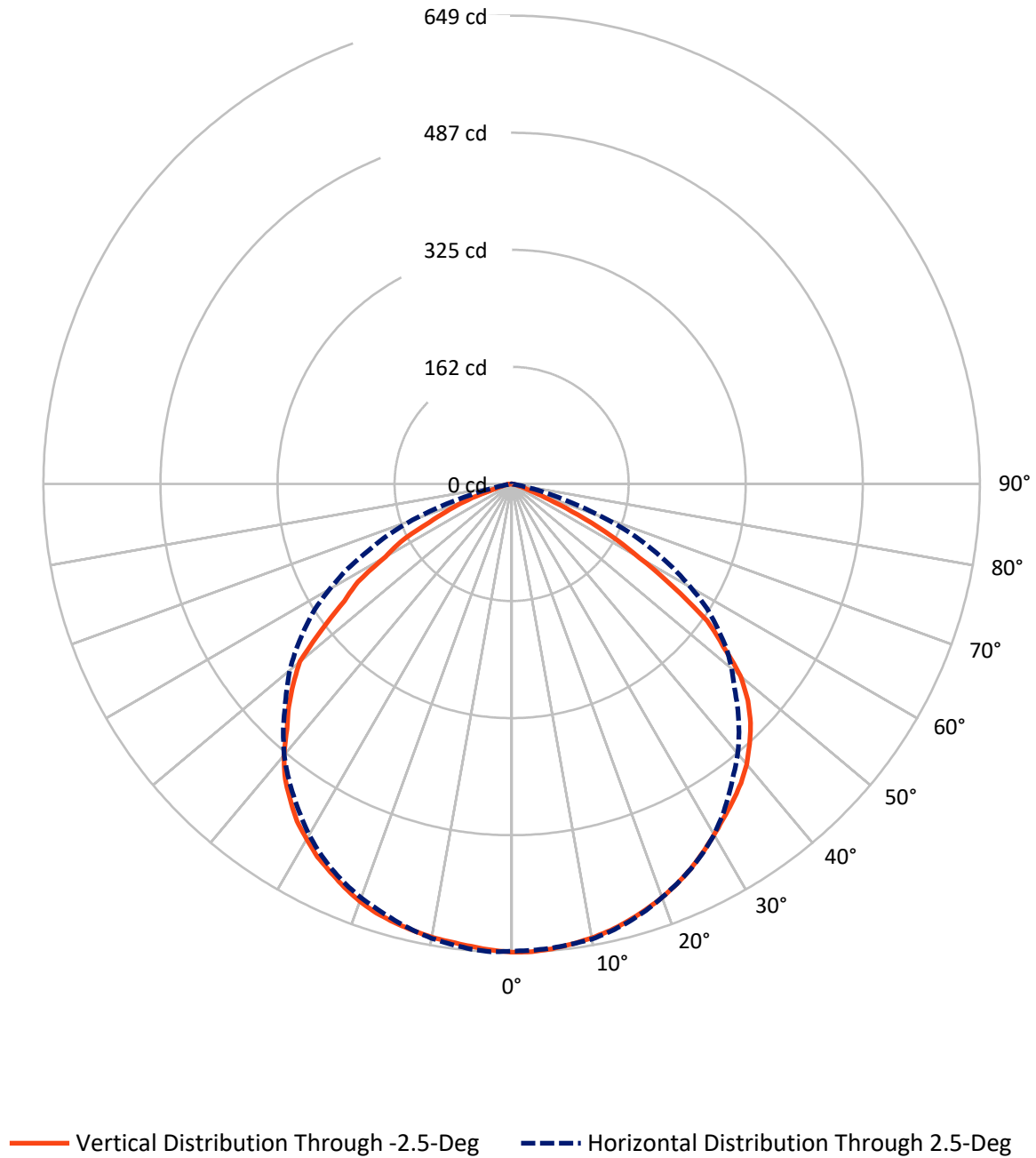
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Lumen Table



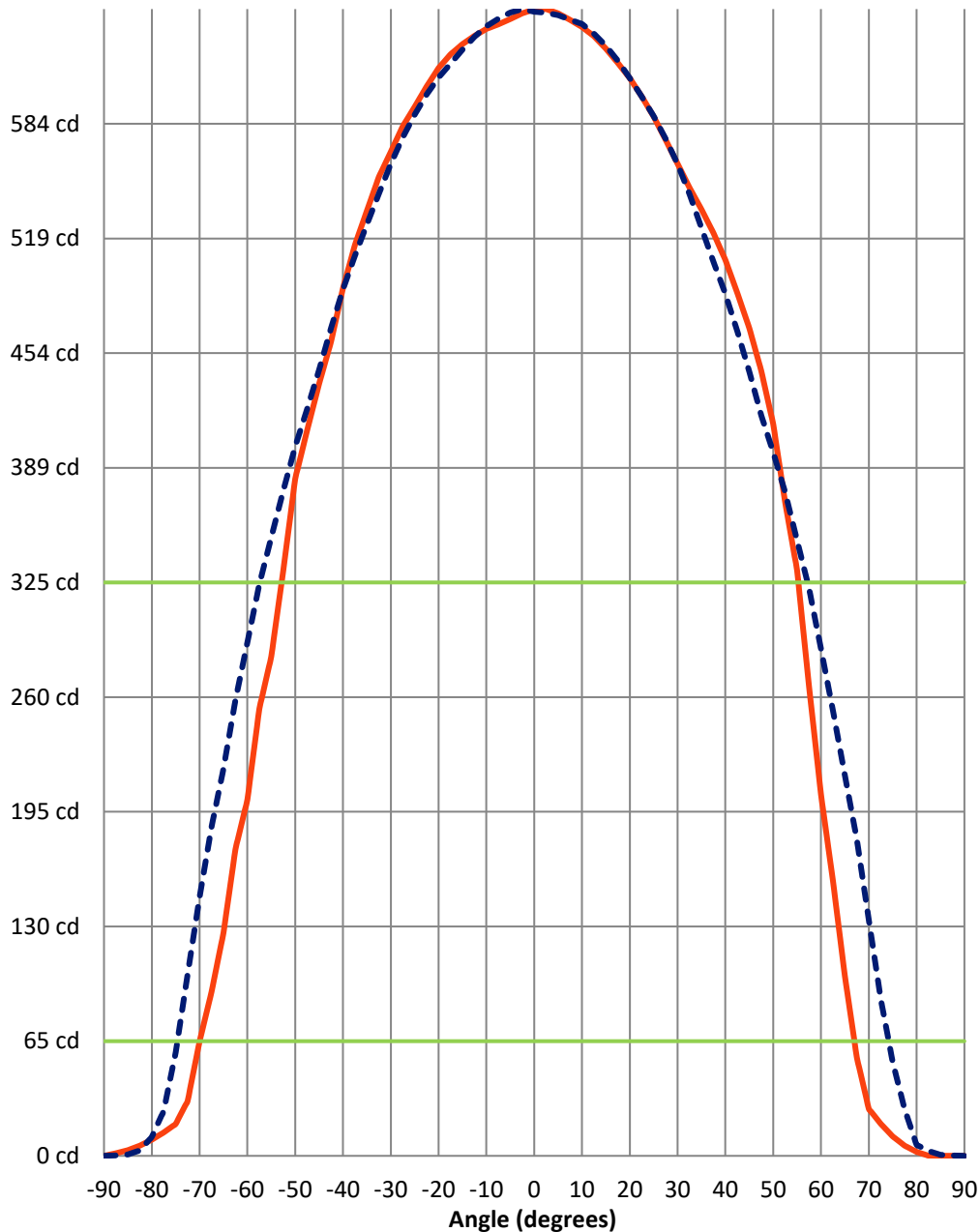
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 114.6°
 V Angle: 108.1°
 Lumens: 1399.3
 Efficiency: 81.5%

Field:
 H Angle: 148.8°
 V Angle: 137°
 Lumens: 1693.5
 Efficiency: 98.6%

Spill:
 Lumens: 23.9
 Efficiency: 1.4%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through 2.5-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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1
82.5°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
77.5°	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4
75°	0.0	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.6	0.8
72.5°	0.0	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.8	1.2	1.8
70°	0.0	0.2	0.2	0.2	0.3	0.4	0.6	0.8	1.3	2.2	3.2
67.5°	0.0	0.2	0.2	0.2	0.4	0.5	0.8	1.3	2.3	3.5	4.7
65°	0.0	0.2	0.2	0.3	0.4	0.7	1.2	2.1	3.5	4.9	6.5
62.5°	0.0	0.2	0.2	0.3	0.5	0.9	1.7	3.1	4.6	6.5	8.7
60°	0.0	0.2	0.2	0.4	0.6	1.2	2.4	4.1	6.0	8.3	12.6
57.5°	0.0	0.2	0.2	0.4	0.8	1.7	3.3	5.2	7.6	10.5	22.7
55°	0.0	0.2	0.3	0.5	1.0	2.1	4.1	6.5	9.3	19.0	34.7
52.5°	0.0	0.2	0.3	0.6	1.2	2.8	4.9	8.1	11.3	29.5	46.6
50°	0.0	0.2	0.3	0.6	1.6	3.4	6.3	9.8	20.7	40.2	62.5
47.5°	0.0	0.2	0.3	0.7	1.9	4.0	7.8	11.8	30.1	50.8	76.6
45°	0.0	0.2	0.4	0.9	2.2	4.6	9.5	16.5	39.1	64.9	90.6
42.5°	0.0	0.2	0.4	1.0	2.6	5.5	11.1	23.6	47.9	77.8	105.2
40°	0.0	0.2	0.4	1.1	3.0	6.9	13.0	30.5	57.4	89.5	119.7
37.5°	0.0	0.2	0.5	1.3	3.4	8.2	14.9	37.1	68.3	100.7	132.6
35°	0.0	0.2	0.5	1.5	3.8	9.6	18.5	43.8	78.0	111.1	144.2
32.5°	0.0	0.2	0.5	1.6	4.2	11.0	22.9	50.5	86.5	120.6	155.0
30°	0.0	0.2	0.6	1.8	4.5	12.4	26.8	57.3	94.6	130.1	166.3
27.5°	0.0	0.2	0.6	2.0	4.9	13.8	31.0	64.8	102.3	139.2	176.9
25°	0.0	0.2	0.6	2.1	5.4	15.2	35.0	71.7	109.3	147.2	184.0
22.5°	0.0	0.2	0.7	2.3	6.2	16.5	38.6	77.7	115.6	154.4	190.5
20°	0.0	0.2	0.7	2.4	7.0	17.8	42.0	82.7	121.4	161.1	197.0
17.5°	0.0	0.2	0.7	2.6	7.7	19.0	45.6	87.2	126.6	167.4	202.7
15°	0.0	0.2	0.7	2.7	8.4	20.5	48.9	91.2	131.6	173.0	207.4
12.5°	0.0	0.2	0.7	2.8	9.0	22.0	51.7	94.6	135.9	177.6	211.0
10°	0.0	0.2	0.8	2.9	9.6	23.2	54.1	97.5	139.6	180.9	214.1
7.5°	0.0	0.2	0.8	3.0	10.1	24.2	56.1	99.9	142.6	183.2	216.4
5°	0.0	0.2	0.8	3.0	10.4	25.0	57.6	101.6	144.9	185.0	218.2
2.5°	0.0	0.2	0.8	3.1	10.7	25.6	58.6	102.8	146.5	186.2	219.3
0°	0.0	0.2	0.8	3.1	10.9	25.9	59.1	103.4	147.3	186.7	219.7
-2.5°	0.0	0.3	0.8	3.1	11.0	26.2	59.1	103.4	147.4	187.2	220.2
-5°	0.0	0.3	0.8	3.1	10.9	26.2	58.7	102.9	146.8	187.0	220.1
-7.5°	0.0	0.3	0.8	3.1	10.7	26.1	57.7	101.8	145.4	186.2	219.2
-10°	0.0	0.3	0.8	3.1	10.5	25.7	56.4	100.1	143.2	184.9	217.6
-12.5°	0.0	0.3	0.8	3.0	10.1	25.2	54.6	97.8	140.3	182.7	215.4
-15°	0.0	0.3	0.8	2.9	9.7	24.4	52.4	94.9	136.6	179.5	212.4
-17.5°	0.0	0.3	0.8	2.8	9.1	23.5	49.8	91.4	132.1	175.7	208.9
-20°	0.0	0.2	0.8	2.7	8.4	22.5	46.9	87.4	127.5	171.3	204.9

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Scaled Data Report



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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	0.2	0.8	2.6	7.7	21.3	44.1	82.8	122.3	165.4	200.4
-25°	0.0	0.2	0.8	2.5	6.8	19.9	41.2	77.4	116.5	158.4	194.9
-27.5°	0.0	0.2	0.7	2.4	6.3	18.2	38.0	71.2	110.0	150.3	188.7
-30°	0.0	0.2	0.7	2.2	5.8	16.8	34.7	64.6	102.9	141.1	181.3
-32.5°	0.0	0.2	0.7	2.1	5.3	15.3	31.8	58.8	95.1	131.5	172.7
-35°	0.0	0.2	0.6	1.9	4.6	13.8	28.7	53.1	86.8	122.2	160.8
-37.5°	0.0	0.2	0.6	1.7	4.0	12.2	25.4	47.5	77.7	112.2	146.5
-40°	0.0	0.2	0.6	1.6	3.7	10.5	22.1	41.8	68.0	101.5	132.1
-42.5°	0.0	0.2	0.5	1.5	3.4	8.7	18.6	36.3	59.9	89.5	118.8
-45°	0.0	0.2	0.5	1.3	3.0	7.2	16.3	31.1	52.6	77.1	105.0
-47.5°	0.0	0.2	0.5	1.1	2.7	5.9	14.0	25.8	45.0	64.8	90.8
-50°	0.0	0.2	0.4	1.0	2.4	4.4	11.6	20.6	37.0	55.6	76.6
-52.5°	0.0	0.2	0.4	0.9	2.0	3.9	9.1	17.1	29.5	45.8	63.3
-55°	0.0	0.2	0.4	0.8	1.8	3.4	6.9	14.1	22.6	36.4	52.4
-57.5°	0.0	0.2	0.3	0.7	1.5	2.9	4.6	11.1	17.5	28.2	40.7
-60°	0.0	0.2	0.3	0.6	1.3	2.4	3.9	8.0	13.9	19.9	31.5
-62.5°	0.0	0.2	0.3	0.6	1.1	2.0	3.2	4.9	10.5	15.5	22.2
-65°	0.0	0.2	0.3	0.5	0.9	1.6	2.6	4.0	7.0	11.7	16.1
-67.5°	0.0	0.2	0.3	0.4	0.7	1.3	2.1	3.2	4.9	8.0	12.0
-70°	0.0	0.2	0.3	0.4	0.6	1.0	1.6	2.5	3.7	5.4	8.1
-72.5°	0.0	0.2	0.2	0.3	0.5	0.8	1.2	1.9	2.8	3.8	5.4
-75°	0.0	0.1	0.2	0.3	0.4	0.6	0.9	1.4	2.0	2.8	3.7
-77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	1.0	1.5	2.0	2.7
-80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.7	1.1	1.4	1.9
-82.5°	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.9	1.2
-85°	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4
-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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CATALOG NUMBER: LSF25-XX-PC-11W-7030

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1
80°	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
77.5°	0.5	0.6	0.9	1.1	1.6	1.9	2.3	2.6	2.9	3.3	3.6
75°	1.1	1.7	2.4	3.0	3.5	4.1	4.6	5.3	6.0	6.6	7.2
72.5°	2.6	3.5	4.3	5.0	6.0	7.0	8.1	9.4	10.4	11.4	12.3
70°	4.2	5.3	6.6	7.9	9.4	12.0	14.4	15.6	19.6	23.1	25.2
67.5°	6.1	7.7	9.5	13.2	18.1	22.9	28.2	33.4	36.6	39.2	42.0
65°	8.5	11.5	17.2	25.3	32.7	41.5	47.1	52.6	59.3	65.9	69.9
62.5°	13.0	21.7	31.7	42.3	52.6	60.2	70.9	84.3	90.9	107.3	112.7
60°	23.7	35.5	49.4	61.0	72.4	92.2	106.7	124.0	132.6	136.9	148.4
57.5°	36.7	52.5	66.7	81.6	109.7	127.7	146.4	154.7	166.0	181.3	190.8
55°	51.5	69.3	86.3	120.9	143.6	163.4	175.2	191.2	199.9	226.9	241.9
52.5°	68.3	86.9	119.3	150.2	177.1	191.6	205.4	221.1	245.7	260.9	271.8
50°	83.4	112.0	144.7	177.8	203.7	215.7	233.4	256.7	271.2	290.5	309.0
47.5°	101.0	134.7	167.6	198.9	221.0	239.3	261.4	278.4	300.1	315.6	332.6
45°	121.3	154.0	188.6	213.9	237.3	262.6	281.9	303.1	319.0	336.4	351.0
42.5°	138.2	173.1	202.9	227.1	254.9	280.9	301.9	319.0	336.5	352.6	370.8
40°	153.0	187.9	215.5	242.7	270.4	295.8	316.6	333.7	351.0	369.3	385.5
37.5°	167.7	199.6	227.1	256.9	283.9	308.9	328.1	346.8	364.8	381.8	399.6
35°	180.4	210.7	239.8	268.7	296.5	319.7	339.8	358.3	375.5	394.1	413.8
32.5°	189.0	219.6	251.0	279.4	308.0	329.8	350.3	368.7	386.1	406.6	425.1
30°	198.8	229.4	260.2	290.2	317.4	339.5	360.3	378.9	397.5	416.7	436.0
27.5°	208.1	238.4	268.4	300.1	325.6	348.2	369.4	388.5	408.1	427.4	446.3
25°	215.4	247.6	276.0	308.8	333.3	356.6	378.0	397.7	417.8	437.8	456.7
22.5°	222.5	255.3	285.7	316.2	340.4	364.4	385.6	405.9	427.0	447.7	466.4
20°	229.4	262.2	294.1	322.8	346.7	371.5	392.2	413.4	435.4	456.2	474.6
17.5°	235.6	268.5	301.4	329.0	353.7	377.8	398.0	420.2	443.0	463.7	482.2
15°	241.6	274.2	307.3	334.7	359.9	383.5	404.2	426.4	449.4	469.6	488.9
12.5°	247.1	279.2	312.3	339.5	364.9	388.6	409.8	432.4	455.0	474.9	494.3
10°	251.5	283.5	316.5	343.3	369.1	393.0	414.6	437.2	459.8	480.4	499.5
7.5°	254.4	286.8	319.6	346.3	372.4	396.5	418.3	440.8	463.7	484.8	504.0
5°	256.5	289.2	322.0	348.6	374.8	399.4	421.0	443.4	466.6	488.2	507.4
2.5°	258.0	290.7	323.5	350.1	376.4	401.5	422.8	444.9	468.6	490.5	509.6
0°	258.7	291.3	324.3	350.9	377.2	402.7	423.6	445.4	469.5	491.7	510.7
-2.5°	259.4	291.9	324.5	351.3	377.5	402.8	424.4	446.2	469.7	491.5	510.4
-5°	259.3	291.7	323.8	350.9	377.0	402.0	424.3	446.1	468.9	490.3	509.0
-7.5°	258.5	290.5	322.4	349.7	375.7	400.4	423.2	445.0	467.1	488.1	506.6
-10°	257.1	288.6	320.2	347.5	373.7	397.8	421.2	442.9	464.6	485.0	503.3
-12.5°	254.0	285.7	317.3	344.4	371.0	394.2	418.1	440.0	461.4	481.1	499.5
-15°	250.1	282.1	313.8	340.6	367.6	389.8	413.8	436.3	457.3	476.7	495.0
-17.5°	245.6	278.2	309.6	336.1	362.5	385.1	407.8	430.9	452.3	471.4	489.6
-20°	239.9	273.8	304.1	330.8	356.4	380.3	401.2	424.1	446.1	465.3	483.1



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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°	232.6	268.5	297.5	325.0	348.5	373.8	394.1	416.1	438.1	458.8	476.0
-25°	225.1	262.4	289.6	317.7	340.2	365.3	386.8	406.9	428.2	450.5	467.7
-27.5°	218.0	255.0	280.5	308.2	331.4	354.9	378.7	397.7	417.7	438.9	458.2
-30°	210.9	242.8	270.5	296.4	322.2	343.5	367.6	388.6	406.5	425.5	444.4
-32.5°	202.5	228.1	259.4	282.8	310.8	332.3	354.5	377.4	395.4	411.4	429.3
-35°	191.9	216.7	246.6	270.1	296.0	320.8	340.6	362.8	381.2	395.7	413.5
-37.5°	180.1	205.2	230.0	256.7	278.8	305.7	327.4	345.0	362.9	378.9	393.9
-40°	165.6	192.4	215.7	241.3	262.9	286.6	311.3	327.4	343.5	359.4	373.8
-42.5°	147.9	178.1	201.5	222.9	246.6	266.6	289.9	309.7	323.9	338.7	352.6
-45°	131.5	160.7	185.8	207.9	227.9	247.5	265.1	287.9	304.7	317.4	330.4
-47.5°	116.0	140.2	168.0	189.9	210.5	226.0	240.6	259.3	281.3	296.6	307.5
-50°	100.2	122.7	144.9	170.5	189.9	205.8	218.3	229.9	248.1	269.8	285.3
-52.5°	84.1	105.3	125.2	145.9	166.9	181.1	197.3	207.6	216.2	230.4	251.7
-55°	69.0	87.8	106.5	123.8	140.4	156.2	168.3	185.0	194.7	200.4	207.2
-57.5°	56.0	71.1	87.6	103.3	116.8	130.0	142.3	151.3	163.8	178.2	184.0
-60°	43.0	56.9	69.9	82.8	94.4	105.8	117.2	126.4	131.9	139.7	153.6
-62.5°	32.4	42.5	55.0	64.3	73.1	83.1	90.9	100.8	110.5	114.8	119.3
-65°	22.3	31.5	38.9	48.3	55.3	61.3	69.0	75.6	80.2	87.7	95.1
-67.5°	15.6	20.2	28.2	32.2	38.2	44.6	49.1	53.0	57.9	64.2	66.9
-70°	11.4	14.2	17.4	20.9	24.4	27.3	31.6	36.3	38.8	40.6	42.6
-72.5°	7.6	10.3	12.3	13.5	15.1	16.4	17.6	18.7	21.4	24.3	25.9
-75°	4.8	6.6	8.3	9.6	10.5	11.3	11.7	12.0	12.3	13.2	13.9
-77.5°	3.4	4.2	5.0	5.8	6.8	7.6	8.2	8.6	9.1	9.6	10.0
-80°	2.3	2.9	3.3	3.8	4.3	4.8	5.2	5.7	6.1	6.5	6.8
-82.5°	1.6	1.9	2.2	2.4	2.7	3.0	3.3	3.6	3.9	4.1	4.3
-85°	1.0	1.1	1.3	1.4	1.5	1.7	1.9	2.0	2.2	2.3	2.4
-87.5°	0.5	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
-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: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-11W-7030

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
80°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
77.5°	3.9	4.2	4.4	4.6	4.9	5.1	5.3	5.4	5.4	5.6	5.7
75°	7.8	8.3	8.6	9.1	9.5	9.9	10.1	10.3	10.5	10.7	10.9
72.5°	13.8	15.0	15.0	15.2	15.8	16.3	16.7	17.0	17.2	17.5	17.8
70°	25.9	25.3	24.2	24.0	25.3	26.1	26.4	26.3	26.3	26.6	27.0
67.5°	43.6	43.5	43.6	45.0	50.7	54.1	53.7	52.3	51.5	53.2	56.4
65°	76.7	87.3	86.4	82.8	91.8	99.5	98.9	97.9	97.5	99.5	102.0
62.5°	113.9	122.5	125.0	125.8	137.6	143.0	144.8	146.1	145.9	146.7	150.0
60°	157.6	166.9	174.6	175.5	175.6	187.7	199.5	201.1	200.0	199.0	202.1
57.5°	206.5	211.6	218.8	226.2	231.8	233.7	242.5	254.7	258.8	257.1	260.8
55°	246.9	254.3	261.5	274.8	291.7	300.2	298.9	299.8	308.7	319.5	323.0
52.5°	286.5	298.5	313.3	322.2	327.9	335.4	347.1	354.0	357.7	359.5	363.1
50°	320.7	332.0	339.3	351.9	365.4	373.9	379.6	389.1	396.3	403.7	407.5
47.5°	344.7	356.6	371.1	380.8	395.0	404.3	410.7	417.3	427.0	433.5	437.1
45°	368.3	380.5	394.9	405.8	415.3	427.4	436.3	442.6	448.0	455.0	460.6
42.5°	385.6	401.8	414.5	426.8	437.5	446.2	456.4	463.6	470.2	475.0	480.4
40°	402.6	421.0	432.2	443.4	454.8	464.0	476.0	481.8	488.1	493.6	499.4
37.5°	418.6	433.9	447.0	457.9	470.0	479.5	491.0	498.4	504.0	510.2	515.4
35°	430.7	446.3	458.8	470.4	482.6	493.9	503.6	510.9	517.1	523.6	529.5
32.5°	442.4	457.2	469.8	482.4	495.0	506.0	514.5	521.4	528.7	536.0	542.3
30°	453.2	468.1	481.8	494.6	507.2	517.8	526.5	533.8	541.5	549.0	555.4
27.5°	463.8	479.1	493.5	507.2	519.6	530.4	539.1	547.3	554.7	562.7	568.6
25°	473.7	489.8	504.9	518.7	531.5	542.0	551.7	560.8	568.7	575.6	580.5
22.5°	483.5	499.8	515.1	529.7	541.9	553.3	563.8	572.6	580.3	586.9	591.6
20°	492.3	509.0	524.8	538.8	551.9	563.5	573.5	582.6	590.1	596.5	601.3
17.5°	500.1	517.1	532.9	547.9	560.5	571.9	582.6	590.9	598.8	604.8	609.9
15°	506.9	524.2	540.5	555.4	567.9	579.8	589.8	598.8	606.3	612.8	617.6
12.5°	512.6	530.2	546.9	561.6	574.6	586.5	596.2	604.8	612.8	619.4	624.4
10°	517.6	535.2	552.2	567.0	580.3	591.5	601.4	609.8	617.9	624.5	629.9
7.5°	522.0	539.5	556.5	571.4	584.0	595.8	605.3	614.0	621.5	628.5	633.9
5°	525.2	542.7	559.6	574.6	587.2	598.8	608.4	616.3	623.8	631.3	637.1
2.5°	527.3	544.6	561.5	576.5	589.4	600.8	610.4	618.2	626.2	633.4	639.4
0°	528.2	545.2	562.3	577.1	590.4	601.7	611.1	619.2	627.6	634.9	640.6
-2.5°	527.7	544.7	561.5	576.6	589.3	600.4	609.4	617.5	625.8	633.3	639.7
-5°	526.2	543.0	559.4	574.8	587.3	598.2	606.8	614.9	623.1	630.9	637.1
-7.5°	523.7	540.2	556.1	571.7	585.0	595.6	604.5	612.5	620.5	627.8	634.2
-10°	520.2	536.7	552.8	568.6	582.1	592.4	601.7	609.7	617.4	625.0	631.1
-12.5°	517.1	533.8	550.0	564.8	578.2	589.0	597.9	606.5	614.2	621.3	626.9
-15°	512.7	530.0	545.9	559.9	573.1	584.2	593.4	602.2	610.1	616.2	622.0
-17.5°	507.3	525.0	540.9	555.7	566.7	577.8	587.1	596.2	604.0	610.3	615.1
-20°	500.2	517.9	534.6	547.4	559.1	569.2	579.8	587.9	596.1	603.1	607.7



REPORT NUMBER: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-11W-7030

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	492.5	509.0	525.1	538.8	549.7	560.3	569.6	579.0	587.0	593.3	598.0
-25°	483.3	498.1	513.9	528.7	540.4	549.6	559.7	568.7	576.1	582.3	587.4
-27.5°	472.4	487.0	501.5	516.0	529.5	539.4	548.0	556.4	564.6	570.6	574.1
-30°	459.6	474.3	488.2	502.1	514.6	525.7	535.6	543.4	550.4	556.3	561.0
-32.5°	445.0	458.6	473.3	486.7	498.3	509.1	518.9	528.0	534.7	540.3	545.6
-35°	429.9	442.5	454.8	469.0	481.9	491.5	500.4	508.8	516.3	522.1	526.2
-37.5°	412.4	427.7	437.1	447.8	461.2	474.3	482.8	489.4	496.6	503.1	508.0
-40°	388.7	407.2	419.7	428.0	436.6	447.7	460.7	468.0	472.5	477.5	482.8
-42.5°	365.4	379.5	395.1	407.1	415.1	422.1	430.7	439.2	445.9	450.2	452.6
-45°	342.8	356.1	368.2	380.3	390.8	398.1	406.3	413.7	419.9	425.3	429.4
-47.5°	318.1	330.9	344.1	355.4	364.4	373.0	381.7	389.1	395.0	400.0	404.1
-50°	290.6	297.9	310.1	324.9	337.6	345.0	351.0	358.5	366.0	372.6	376.9
-52.5°	265.2	270.2	272.2	278.8	290.3	302.7	309.4	312.5	315.2	320.1	326.4
-55°	223.3	239.8	246.9	248.6	248.9	255.5	264.9	271.1	274.3	273.9	277.3
-57.5°	187.3	192.6	204.5	215.9	223.8	225.7	228.8	234.3	240.1	245.3	249.6
-60°	164.3	167.1	168.4	170.8	177.1	186.0	191.4	194.1	194.2	194.4	198.1
-62.5°	125.8	137.1	144.2	146.7	148.2	152.4	157.8	163.3	166.2	168.0	170.1
-65°	100.7	103.2	105.8	108.2	116.0	121.0	121.0	120.6	120.7	124.3	127.6
-67.5°	69.7	71.8	75.5	81.0	84.0	84.6	84.5	84.9	85.0	86.5	89.0
-70°	45.9	50.2	52.6	53.0	53.3	54.9	57.5	60.5	61.5	61.7	62.3
-72.5°	26.2	26.0	25.5	26.9	28.2	29.3	30.8	31.4	31.3	31.3	31.3
-75°	15.0	15.7	15.6	15.7	16.1	16.5	16.9	17.3	17.4	17.6	17.8
-77.5°	10.5	10.8	11.1	11.5	11.8	12.1	12.4	12.6	12.7	12.9	13.1
-80°	7.1	7.5	7.8	8.0	8.3	8.5	8.6	8.8	8.9	9.0	9.1
-82.5°	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.7
-85°	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2
-87.5°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.4
-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: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-11W-7030

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°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	2.2	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.1	2.0	2.0
77.5°	5.8	5.8	5.8	5.7	5.8	5.8	5.7	5.6	5.5	5.4	5.3
75°	11.0	11.0	11.0	10.9	11.0	11.0	11.0	10.8	10.6	10.4	10.3
72.5°	18.0	18.1	18.1	18.0	18.1	18.1	18.0	17.8	17.5	17.3	17.3
70°	27.2	27.0	26.6	26.1	26.7	27.1	27.3	27.2	26.7	26.5	26.5
67.5°	57.7	57.3	55.6	53.1	55.7	57.4	57.7	56.2	52.9	51.5	52.7
65°	103.0	102.8	101.7	99.8	101.9	103.3	103.6	102.5	99.7	97.6	98.5
62.5°	154.2	156.0	155.6	153.6	155.5	155.8	154.0	150.0	146.5	145.6	146.0
60°	203.9	204.7	204.5	203.5	204.3	204.3	203.2	201.0	197.4	198.3	200.3
57.5°	263.7	265.2	265.7	265.2	265.5	264.8	262.9	259.5	256.0	258.6	255.2
55°	326.7	329.8	331.3	330.5	331.3	329.8	327.0	323.7	320.9	309.6	300.0
52.5°	366.9	369.4	370.0	369.1	369.9	369.2	366.6	362.9	359.4	357.5	354.3
50°	409.9	412.3	414.2	415.0	413.5	410.9	407.7	404.5	400.7	394.7	388.0
47.5°	440.5	442.7	444.4	445.2	444.0	442.0	439.2	435.2	431.0	424.4	415.5
45°	463.9	466.6	468.6	469.4	468.1	465.7	462.8	459.7	454.0	446.6	440.0
42.5°	484.6	486.7	488.4	489.4	488.3	486.4	483.9	479.6	473.7	468.0	461.3
40°	502.2	504.8	507.1	508.6	507.2	505.0	502.4	499.3	492.9	486.9	480.5
37.5°	518.7	521.1	522.4	522.8	522.4	521.2	518.9	515.4	509.8	503.4	496.0
35°	533.5	535.1	535.7	535.4	535.8	535.2	533.7	529.7	523.8	517.2	510.0
32.5°	546.8	547.9	548.0	547.2	548.3	548.5	547.5	543.0	536.6	529.4	522.1
30°	560.4	561.4	561.5	560.7	561.9	562.1	561.3	556.0	549.5	541.8	534.5
27.5°	572.8	574.4	575.1	574.9	575.6	575.2	573.7	569.0	562.4	554.2	547.9
25°	584.3	586.7	588.2	588.7	588.8	587.8	585.4	581.0	574.7	568.1	560.9
22.5°	595.2	597.9	599.6	600.2	600.4	599.5	596.7	592.2	586.5	580.2	572.7
20°	605.3	608.2	610.0	610.8	610.4	609.3	606.4	602.0	596.6	590.3	582.9
17.5°	613.6	616.5	618.6	619.5	619.1	617.5	614.6	610.8	605.0	598.5	591.5
15°	621.5	624.8	626.7	627.2	627.0	625.2	622.0	617.9	612.9	606.0	598.6
12.5°	628.3	631.9	633.8	634.0	633.6	631.7	628.7	624.6	619.2	612.8	604.9
10°	634.0	637.3	639.0	638.9	638.8	637.1	633.6	629.6	624.8	618.5	610.2
7.5°	638.1	642.0	643.0	643.1	642.2	640.7	637.5	633.9	629.5	622.9	615.0
5°	642.1	645.6	646.7	645.7	644.8	643.6	641.3	638.0	633.2	626.6	618.1
2.5°	643.6	647.2	649.1	647.7	647.0	645.7	643.2	640.7	635.2	628.4	619.9
0°	644.6	647.7	649.0	648.5	647.3	645.8	643.7	639.9	635.1	628.7	620.6
-2.5°	643.2	646.3	646.7	645.8	645.0	643.8	642.5	639.5	634.0	627.0	618.2
-5°	641.1	643.2	643.5	642.4	641.9	641.6	640.1	637.0	632.0	624.4	614.6
-7.5°	638.4	640.9	640.5	639.5	639.4	638.9	638.0	634.8	629.2	621.2	612.1
-10°	635.0	637.4	637.9	636.8	637.4	636.5	635.1	631.4	625.2	617.2	608.0
-12.5°	630.5	632.8	634.0	634.2	634.3	633.4	631.0	626.8	621.2	613.4	605.2
-15°	625.5	628.2	629.3	629.6	629.7	628.7	626.1	621.8	616.0	609.6	601.3
-17.5°	619.2	622.4	623.5	623.9	623.6	622.3	619.4	615.7	610.0	603.5	595.7
-20°	611.7	614.7	615.8	615.9	615.6	614.4	611.6	608.0	602.3	595.4	588.8



REPORT NUMBER: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-11W-7030

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	601.7	603.9	605.3	605.6	605.6	604.6	601.8	597.7	591.9	586.0	579.1
-25°	590.1	592.5	593.8	594.1	594.3	593.2	590.3	586.2	580.6	574.6	568.7
-27.5°	578.0	581.2	582.8	583.2	582.7	581.2	577.9	573.3	569.3	563.5	556.0
-30°	564.3	566.8	568.3	568.9	568.3	566.8	564.3	560.9	556.0	549.6	542.4
-32.5°	549.6	552.4	554.1	554.7	554.4	553.1	550.6	546.4	540.8	534.6	527.7
-35°	529.8	533.0	535.0	535.7	535.5	534.0	531.1	527.3	522.9	516.6	508.7
-37.5°	511.4	514.0	515.7	516.2	516.0	514.8	512.5	509.1	503.9	497.5	490.4
-40°	487.1	489.9	491.2	490.8	491.5	490.4	487.5	482.9	478.0	473.2	467.6
-42.5°	456.5	459.5	460.9	461.0	461.1	459.9	457.2	453.6	450.8	446.3	439.2
-45°	432.8	435.3	437.0	437.7	437.4	436.0	433.6	430.2	425.9	420.3	413.7
-47.5°	407.4	409.5	410.7	410.9	410.9	409.8	407.7	404.4	400.1	395.2	389.5
-50°	379.7	381.9	383.2	383.2	383.2	382.0	379.7	376.4	371.9	365.7	358.5
-52.5°	330.2	331.7	331.2	328.7	330.8	330.8	328.6	324.1	317.4	313.1	310.9
-55°	280.0	281.8	282.7	282.8	282.3	280.9	278.7	275.7	272.1	272.2	268.5
-57.5°	251.4	252.5	253.0	252.6	252.8	252.2	251.1	249.3	244.9	239.0	232.8
-60°	200.4	201.6	201.7	200.8	201.7	201.6	200.4	198.1	194.5	193.8	192.8
-62.5°	171.7	172.9	173.5	173.6	173.5	172.8	171.5	169.7	167.0	164.4	160.9
-65°	128.8	128.2	126.3	123.5	125.4	126.5	126.3	124.6	121.0	117.8	117.8
-67.5°	90.9	92.2	92.8	92.8	92.5	91.6	90.2	88.1	85.5	84.2	84.5
-70°	63.2	64.1	64.8	64.9	64.8	64.0	62.9	61.7	60.5	59.6	57.9
-72.5°	31.4	31.4	31.1	30.5	30.9	31.0	30.8	30.5	30.2	30.0	30.0
-75°	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.7	17.5	17.3	17.2
-77.5°	13.2	13.2	13.2	13.2	13.2	13.2	13.1	12.9	12.8	12.5	12.4
-80°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.9	8.8	8.7
-82.5°	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.4
-85°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.0
-87.5°	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-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: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-11W-7030

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1
80°	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7
77.5°	5.2	5.1	4.8	4.5	4.3	4.1	3.8	3.5	3.2	2.9	2.6
75°	10.1	9.8	9.5	9.0	8.6	8.2	7.8	7.3	6.7	6.0	5.3
72.5°	17.1	16.5	15.8	15.2	15.0	14.9	13.9	12.5	11.7	10.7	9.6
70°	26.7	26.7	26.2	25.4	25.8	26.2	25.8	24.8	22.9	19.6	16.2
67.5°	54.3	54.5	51.0	45.2	44.5	45.3	44.3	41.5	38.4	35.7	32.3
65°	100.1	101.1	93.1	83.8	86.6	86.1	76.9	72.3	70.1	58.7	52.5
62.5°	145.7	145.2	140.4	128.3	127.1	125.4	115.7	111.5	104.6	92.4	86.8
60°	200.3	189.3	177.2	177.3	176.9	168.8	158.1	150.9	140.0	130.3	118.7
57.5°	242.5	233.1	230.7	227.0	220.0	211.1	209.0	192.1	180.4	167.3	152.8
55°	298.1	298.6	292.4	275.3	260.6	253.5	246.3	239.1	229.7	199.5	189.5
52.5°	348.5	336.3	327.9	321.6	313.3	298.1	284.6	271.1	258.1	243.5	220.7
50°	379.1	373.3	365.6	353.5	339.7	331.8	321.6	306.9	288.2	268.5	252.5
47.5°	409.5	403.1	393.6	381.0	370.8	357.8	344.9	333.5	313.6	296.2	274.9
45°	433.0	425.1	413.9	404.2	393.6	381.0	368.8	351.5	336.2	317.4	298.3
42.5°	453.8	443.9	433.2	423.6	411.3	399.6	386.6	370.8	353.1	335.9	316.7
40°	472.5	461.4	451.3	439.1	428.0	416.2	400.3	385.7	369.4	351.3	333.0
37.5°	487.9	477.8	466.7	454.6	442.2	429.0	414.6	397.7	382.1	365.3	346.8
35°	502.2	491.4	480.3	468.0	455.6	442.3	426.6	410.2	393.0	376.1	358.7
32.5°	515.0	505.6	493.6	480.4	468.0	455.0	439.7	421.7	403.3	385.9	369.3
30°	527.3	519.0	507.6	493.9	480.7	467.3	451.9	433.9	413.8	395.7	379.0
27.5°	540.1	531.2	521.0	507.6	493.4	479.1	463.9	445.9	425.6	406.0	388.1
25°	552.7	543.6	532.2	519.7	505.1	490.2	474.9	457.3	437.9	416.9	396.9
22.5°	564.6	554.5	542.7	529.6	515.6	500.0	484.2	466.7	447.4	426.8	405.6
20°	574.4	564.1	551.9	538.8	524.6	509.1	492.8	474.8	455.7	435.9	414.1
17.5°	582.9	572.5	560.5	546.9	532.9	517.4	500.4	482.2	462.5	443.0	421.6
15°	590.3	580.2	568.0	554.7	540.6	524.6	507.5	489.0	468.3	448.5	427.9
12.5°	596.6	586.6	574.7	561.8	546.9	530.9	513.2	494.3	473.7	453.3	432.9
10°	601.6	591.6	580.2	567.0	552.4	536.5	518.0	499.1	479.1	458.0	437.0
7.5°	605.7	595.5	584.3	571.1	556.7	540.3	521.5	502.8	483.2	461.9	440.1
5°	608.8	598.3	586.9	573.9	559.6	542.9	523.9	505.0	486.1	464.8	442.5
2.5°	610.0	599.6	588.5	575.7	561.4	544.3	525.2	506.1	487.9	466.7	443.9
0°	610.0	599.7	589.1	576.3	562.0	544.7	525.3	506.1	488.5	467.5	444.3
-2.5°	608.1	598.4	588.2	576.0	561.2	543.6	524.7	506.3	488.7	467.7	444.5
-5°	605.3	596.2	586.4	574.7	559.2	541.4	522.9	505.7	487.9	466.7	443.6
-7.5°	602.8	593.7	583.9	571.9	556.0	537.9	520.4	504.2	486.1	464.5	441.9
-10°	600.1	591.4	581.7	568.7	552.0	533.5	517.2	501.8	483.4	461.3	439.3
-12.5°	596.8	588.7	578.4	564.7	548.0	530.8	514.4	498.5	479.3	457.1	436.4
-15°	592.8	584.5	573.7	559.6	543.5	527.3	511.4	494.6	474.5	452.5	433.5
-17.5°	588.0	578.5	567.0	553.7	538.7	522.6	506.8	489.8	468.2	447.5	428.9
-20°	580.8	570.7	558.7	545.6	532.2	516.9	501.0	483.2	461.0	441.7	423.2



REPORT NUMBER: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-11W-7030

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	571.4	561.1	548.8	536.5	522.7	509.0	494.5	474.1	453.7	435.3	416.2
-25°	560.1	549.5	538.2	525.2	513.0	500.4	484.5	463.7	445.5	427.4	407.9
-27.5°	547.1	537.4	525.1	514.2	503.1	489.0	471.0	453.5	436.4	418.2	398.8
-30°	533.7	523.3	513.0	503.6	490.6	474.9	457.3	441.8	425.4	408.2	390.0
-32.5°	518.0	508.8	499.8	489.1	475.5	458.6	444.2	429.0	412.0	397.1	378.7
-35°	500.8	493.1	483.8	471.2	456.7	443.9	429.9	412.5	395.6	382.2	364.0
-37.5°	484.2	474.7	462.0	449.2	439.3	428.0	410.2	392.0	378.5	363.3	346.2
-40°	459.3	447.7	437.2	428.7	419.0	403.3	385.2	372.0	358.8	344.2	326.5
-42.5°	429.7	421.7	415.1	405.8	392.1	376.1	362.3	351.2	338.8	323.4	306.1
-45°	406.3	398.6	390.3	378.9	366.6	353.8	341.2	330.1	316.9	302.1	282.3
-47.5°	382.1	373.9	365.1	354.8	342.8	329.8	317.2	307.5	294.6	276.4	253.9
-50°	351.0	345.1	337.2	323.6	307.9	296.2	290.2	283.2	265.1	243.0	226.3
-52.5°	307.9	300.0	286.3	275.5	270.4	267.9	261.6	246.5	225.8	212.9	204.8
-55°	262.0	252.8	245.7	245.4	243.2	235.2	218.4	203.5	197.4	190.7	180.0
-57.5°	226.8	223.0	220.3	211.4	200.0	189.1	184.4	180.3	172.6	158.3	147.0
-60°	189.0	183.0	174.2	168.3	166.4	164.6	160.0	147.8	134.4	127.4	121.2
-62.5°	155.3	150.2	146.5	144.6	139.6	131.2	123.2	116.3	109.8	102.1	95.0
-65°	117.5	116.0	113.9	110.8	105.9	101.0	95.3	88.5	81.9	75.4	71.8
-67.5°	84.0	83.5	81.6	77.3	71.6	67.9	66.2	63.5	61.1	53.8	47.7
-70°	55.1	52.8	51.5	50.4	48.9	46.9	43.1	39.5	37.2	35.7	34.0
-72.5°	29.6	28.8	27.9	26.2	24.0	24.5	25.0	24.6	22.7	19.6	16.9
-75°	16.8	16.4	16.1	15.6	15.4	15.4	14.6	13.5	12.8	12.1	11.7
-77.5°	12.2	12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.4	8.9	8.3
-80°	8.5	8.4	8.2	7.9	7.6	7.3	7.0	6.6	6.3	5.9	5.5
-82.5°	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.1	3.9	3.7	3.4
-85°	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.2	2.1	2.0	1.9
-87.5°	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8
-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: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.6	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	2.2	1.8	1.5	1.1	0.8	0.5	0.4	0.3	0.3	0.3	0.2
75°	4.6	4.1	3.6	3.0	2.4	1.7	1.0	0.7	0.5	0.4	0.3
72.5°	8.4	7.2	6.1	5.1	4.3	3.5	2.5	1.6	1.0	0.7	0.4
70°	15.0	12.6	9.9	8.3	6.8	5.3	4.2	3.1	2.0	1.2	0.7
67.5°	28.2	23.4	18.9	14.1	10.2	7.9	6.0	4.6	3.3	2.1	1.2
65°	46.8	39.1	33.0	26.2	18.5	12.1	8.6	6.4	4.6	3.2	1.9
62.5°	71.8	62.8	51.2	40.8	32.2	22.0	13.3	8.7	6.2	4.2	2.8
60°	104.2	91.1	76.2	63.1	46.0	34.7	23.1	12.7	8.2	5.6	3.6
57.5°	138.9	121.2	104.4	86.6	68.4	47.8	34.7	21.6	10.6	7.2	4.7
55°	171.9	154.7	134.2	112.8	88.7	67.0	46.7	32.1	17.9	9.1	5.9
52.5°	203.5	185.9	166.1	139.6	110.9	85.9	61.7	42.3	26.8	11.3	7.3
50°	231.8	213.5	195.0	166.4	134.7	105.0	79.0	54.4	35.9	19.0	9.0
47.5°	257.0	236.4	218.6	190.1	157.5	125.2	95.1	68.1	44.7	26.8	11.4
45°	277.5	257.9	234.3	211.4	179.4	144.9	111.9	81.9	55.7	34.5	15.9
42.5°	296.3	276.4	250.6	225.5	198.0	164.1	128.5	95.8	66.5	41.9	22.3
40°	312.6	290.6	266.8	238.9	214.3	180.9	145.0	109.7	76.6	49.6	28.4
37.5°	327.4	304.5	280.6	253.0	225.5	196.3	160.2	122.8	88.2	58.2	34.3
35°	339.9	318.3	293.2	266.3	236.4	210.2	173.5	135.5	99.2	66.2	39.8
32.5°	351.4	330.0	305.1	278.3	247.6	219.2	185.3	148.4	109.8	73.6	45.1
30°	361.0	341.1	316.4	288.9	258.2	227.4	197.4	159.5	119.5	81.4	50.3
27.5°	370.0	350.5	326.4	298.7	268.3	235.4	207.7	169.6	128.6	89.3	56.0
25°	377.9	357.8	335.7	307.6	277.7	244.2	214.6	178.4	137.5	96.6	61.2
22.5°	385.3	364.7	343.9	315.7	286.0	252.6	220.8	186.3	145.8	103.5	65.9
20°	392.4	371.8	350.4	323.7	293.4	260.4	226.4	193.7	153.2	109.8	70.2
17.5°	399.0	377.3	355.1	330.5	300.3	267.3	231.6	200.0	159.4	115.4	74.1
15°	405.1	382.8	359.6	336.0	306.2	273.2	236.9	204.9	164.9	120.1	77.6
12.5°	410.0	387.6	364.6	340.4	311.0	277.8	241.5	208.2	169.6	124.2	80.7
10°	413.7	391.6	368.8	343.6	314.9	281.4	245.4	211.0	173.2	127.6	83.7
7.5°	416.4	394.7	371.9	345.9	317.9	284.1	248.4	213.0	175.8	130.3	86.0
5°	418.3	396.9	374.1	347.5	320.0	285.9	250.6	214.5	177.8	132.3	87.7
2.5°	419.2	398.3	375.6	348.3	321.2	286.9	252.0	215.3	179.0	133.6	88.9
0°	419.2	398.8	376.2	348.3	321.5	287.1	252.4	215.4	179.4	134.2	89.4
-2.5°	420.2	399.5	376.6	349.4	322.5	288.3	253.2	216.0	180.1	134.9	90.0
-5°	420.4	399.3	376.2	349.8	322.7	288.6	253.0	215.9	180.0	134.9	89.9
-7.5°	419.8	398.2	375.1	349.5	322.1	287.9	251.9	215.1	179.2	134.3	89.2
-10°	418.5	396.1	373.3	348.6	320.5	286.3	250.0	213.6	177.8	132.9	87.9
-12.5°	416.3	393.1	370.9	347.0	317.9	283.6	247.3	211.4	175.7	130.9	86.0
-15°	413.0	389.3	367.9	344.3	314.5	280.0	243.9	208.5	172.6	128.2	83.6
-17.5°	407.9	384.9	364.2	340.6	310.1	275.8	239.8	204.8	169.0	124.9	80.8
-20°	401.4	380.4	360.2	335.4	304.9	270.7	234.8	200.5	164.9	120.4	77.3



REPORT NUMBER: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-11W-7030

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	394.5	374.5	354.2	328.9	298.4	264.0	228.5	195.6	159.0	115.2	73.1
-25°	387.5	367.0	345.6	319.1	289.5	256.4	221.7	189.9	151.8	109.2	68.8
-27.5°	379.6	358.0	334.9	308.2	278.5	249.1	214.9	183.7	144.2	102.7	64.4
-30°	368.9	347.3	322.5	295.4	266.8	238.0	207.5	176.9	137.0	95.4	59.5
-32.5°	356.6	333.9	308.8	280.2	254.3	225.1	198.5	169.1	128.7	87.6	54.7
-35°	342.1	318.6	292.7	266.3	242.2	213.8	187.9	157.1	118.7	79.2	49.7
-37.5°	325.2	301.3	274.6	252.3	227.0	201.8	176.4	143.8	108.1	70.9	44.7
-40°	306.4	280.9	258.5	238.3	212.9	188.9	162.0	131.0	96.6	63.1	40.2
-42.5°	283.6	261.3	243.5	220.6	198.3	174.5	144.3	116.0	83.4	55.6	35.4
-45°	259.5	244.1	226.1	204.8	182.7	156.7	130.1	100.6	71.0	47.9	30.4
-47.5°	237.0	224.5	207.6	187.1	164.0	137.0	112.9	84.8	60.3	42.0	26.1
-50°	216.3	202.6	187.2	167.1	141.1	120.5	95.2	69.9	51.0	35.4	22.6
-52.5°	193.4	177.8	163.7	141.8	123.1	101.0	77.3	58.1	42.1	28.5	19.3
-55°	164.3	152.5	135.8	121.2	102.4	81.3	62.6	48.2	33.5	24.1	15.9
-57.5°	138.1	124.7	113.5	99.0	81.1	63.9	51.4	36.6	26.2	19.7	12.4
-60°	111.1	101.7	89.9	76.2	62.2	51.9	38.4	27.5	21.4	15.4	8.6
-62.5°	86.5	78.5	66.5	57.0	50.3	37.3	27.1	21.6	16.7	11.1	4.7
-65°	64.1	54.9	49.3	45.2	32.3	24.8	20.6	16.6	12.1	6.8	3.9
-67.5°	44.2	41.3	34.1	26.0	21.3	18.5	15.5	11.9	7.5	4.5	3.1
-70°	28.5	23.1	19.2	17.7	15.9	13.6	10.7	7.2	4.8	3.5	2.4
-72.5°	15.5	15.0	14.1	12.8	11.1	8.8	6.0	4.8	3.6	2.6	1.8
-75°	11.4	10.7	9.7	8.3	6.4	5.5	4.5	3.5	2.7	1.9	1.3
-77.5°	7.6	6.6	6.0	5.3	4.6	3.9	3.2	2.5	1.9	1.4	0.9
-80°	5.0	4.5	4.0	3.6	3.1	2.7	2.2	1.7	1.3	1.0	0.7
-82.5°	3.1	2.8	2.5	2.2	2.0	1.7	1.4	1.1	0.8	0.7	0.5
-85°	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.5	0.4
-87.5°	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2
-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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Scaled Data Report



REPORT NUMBER: P622903 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-11W-7030

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°	0.1	0.1	0.0	0.0	0.0	0.0	0.0
85°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
82.5°	0.1	0.1	0.1	0.1	0.1	0.0	0.0
80°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
77.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.0
75°	0.3	0.2	0.2	0.1	0.1	0.1	0.0
72.5°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
70°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
67.5°	0.7	0.4	0.3	0.2	0.2	0.1	0.0
65°	1.0	0.6	0.3	0.2	0.2	0.1	0.0
62.5°	1.5	0.8	0.4	0.2	0.2	0.1	0.0
60°	2.1	1.1	0.5	0.3	0.2	0.1	0.0
57.5°	2.9	1.4	0.7	0.3	0.2	0.1	0.0
55°	3.6	1.9	0.8	0.4	0.2	0.1	0.0
52.5°	4.3	2.4	1.0	0.4	0.2	0.1	0.0
50°	5.3	3.0	1.3	0.5	0.2	0.2	0.0
47.5°	6.3	3.6	1.6	0.6	0.2	0.2	0.0
45°	7.7	4.1	1.9	0.7	0.3	0.2	0.0
42.5°	9.1	4.7	2.3	0.8	0.3	0.2	0.0
40°	11.6	5.3	2.7	0.9	0.3	0.2	0.0
37.5°	14.2	5.9	3.0	1.0	0.3	0.2	0.0
35°	18.1	6.9	3.4	1.2	0.3	0.2	0.0
32.5°	22.6	8.0	3.7	1.4	0.4	0.2	0.0
30°	26.7	9.1	4.0	1.5	0.4	0.2	0.0
27.5°	30.6	10.5	4.3	1.7	0.4	0.2	0.0
25°	34.2	12.5	4.6	1.8	0.4	0.2	0.0
22.5°	37.5	14.5	4.9	1.9	0.5	0.2	0.0
20°	40.5	16.4	5.2	2.1	0.5	0.2	0.0
17.5°	43.3	18.2	5.5	2.2	0.5	0.2	0.0
15°	45.7	20.0	5.7	2.3	0.5	0.2	0.0
12.5°	47.8	21.8	5.9	2.5	0.6	0.2	0.0
10°	49.6	23.3	6.0	2.5	0.6	0.2	0.0
7.5°	51.1	24.6	6.1	2.6	0.6	0.2	0.0
5°	52.3	25.6	6.2	2.7	0.6	0.2	0.0
2.5°	53.1	26.4	6.3	2.7	0.6	0.2	0.0
0°	53.6	26.8	6.3	2.7	0.6	0.2	0.0
-2.5°	53.8	27.0	6.6	2.8	0.6	0.2	0.0
-5°	53.6	26.9	6.8	2.8	0.6	0.2	0.0
-7.5°	53.1	26.5	7.0	2.8	0.6	0.2	0.0
-10°	52.3	25.9	7.2	2.7	0.6	0.2	0.0
-12.5°	51.1	25.0	7.3	2.7	0.6	0.2	0.0
-15°	49.6	23.9	7.3	2.6	0.6	0.2	0.0
-17.5°	47.7	22.6	7.2	2.5	0.6	0.2	0.0
-20°	45.4	21.2	7.1	2.4	0.6	0.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	43.1	19.7	6.9	2.3	0.6	0.2	0.0
-25°	40.6	18.1	6.6	2.2	0.6	0.2	0.0
-27.5°	37.9	16.3	6.2	2.1	0.5	0.2	0.0
-30°	34.9	15.0	5.7	1.9	0.5	0.2	0.0
-32.5°	31.7	13.8	5.1	1.8	0.5	0.2	0.0
-35°	28.2	12.5	4.5	1.6	0.4	0.2	0.0
-37.5°	24.9	11.2	3.8	1.5	0.4	0.2	0.0
-40°	22.0	10.1	3.5	1.4	0.4	0.2	0.0
-42.5°	19.1	8.9	3.2	1.3	0.4	0.2	0.0
-45°	16.9	7.5	2.8	1.1	0.4	0.2	0.0
-47.5°	14.5	5.9	2.5	1.0	0.4	0.2	0.0
-50°	12.2	4.2	2.2	0.9	0.3	0.2	0.0
-52.5°	9.8	3.7	1.9	0.8	0.3	0.2	0.0
-55°	7.3	3.2	1.6	0.7	0.3	0.2	0.0
-57.5°	4.5	2.7	1.4	0.6	0.3	0.2	0.0
-60°	3.8	2.2	1.1	0.5	0.3	0.2	0.0
-62.5°	3.1	1.8	0.9	0.5	0.3	0.1	0.0
-65°	2.5	1.5	0.8	0.4	0.3	0.1	0.0
-67.5°	2.0	1.2	0.6	0.4	0.3	0.1	0.0
-70°	1.5	0.9	0.5	0.3	0.2	0.1	0.0
-72.5°	1.1	0.7	0.5	0.3	0.2	0.1	0.0
-75°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
-77.5°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
-80°	0.5	0.4	0.3	0.2	0.1	0.1	0.0
-82.5°	0.4	0.3	0.3	0.2	0.1	0.0	0.0
-85°	0.3	0.3	0.2	0.1	0.1	0.0	0.0
-87.5°	0.2	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)