

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: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF25-XX-PC-15W-7040**

Issue Date: 10/4/2022

Test Information

Test Method: LM-79-08
Report Number: P622907 (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-15W-7040
Description: Flood light with selectable wattage and CCT
Light Source: (1) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

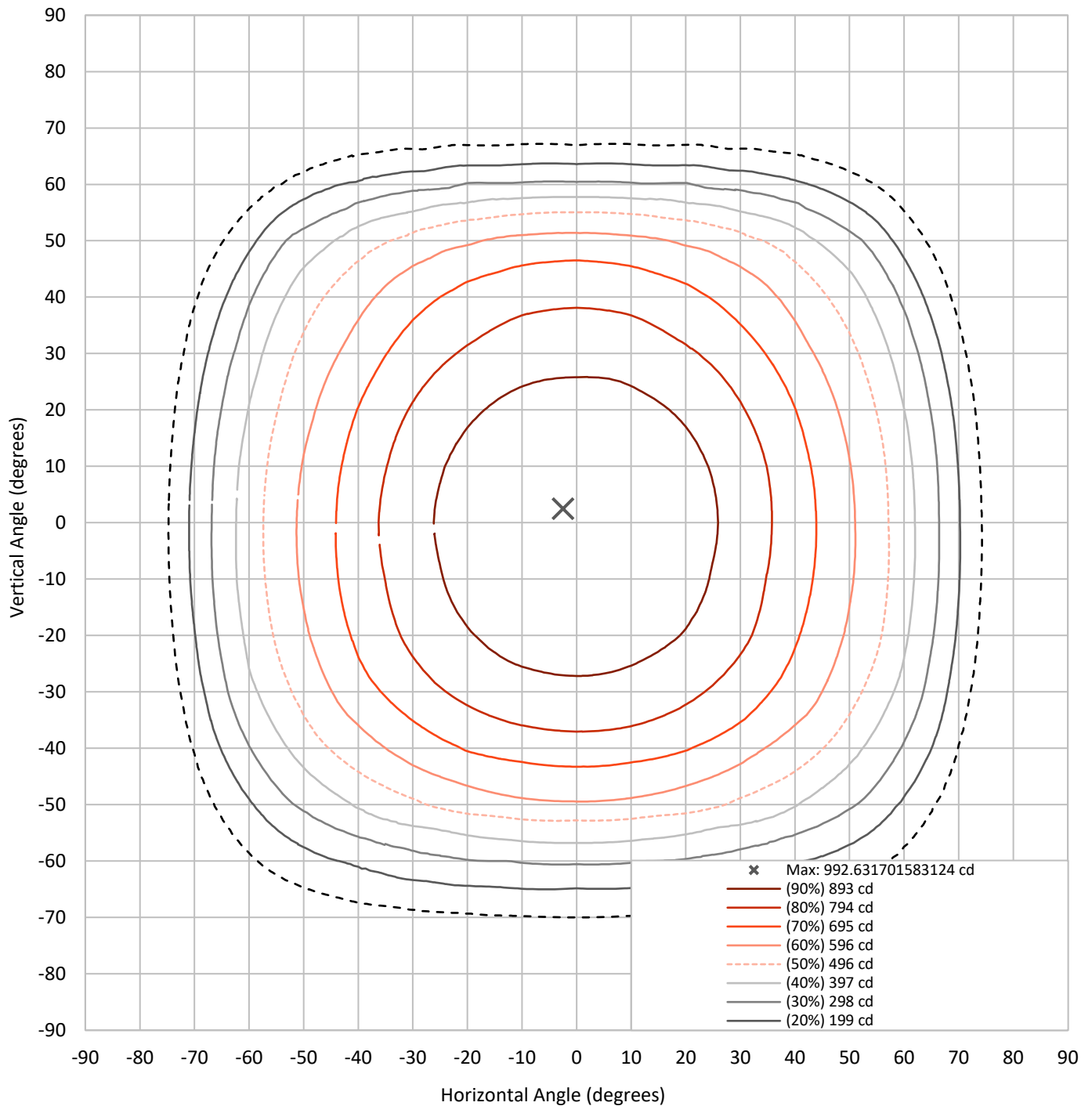
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2626.2 lumens	Max Intensity:	992.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	162.1 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:	2139.6 lumens	Field Lumens:	2589.6 lumens
Beam Efficiency:	81.5%	Field Efficiency:	98.6%
Input Watts (W):	16.2		
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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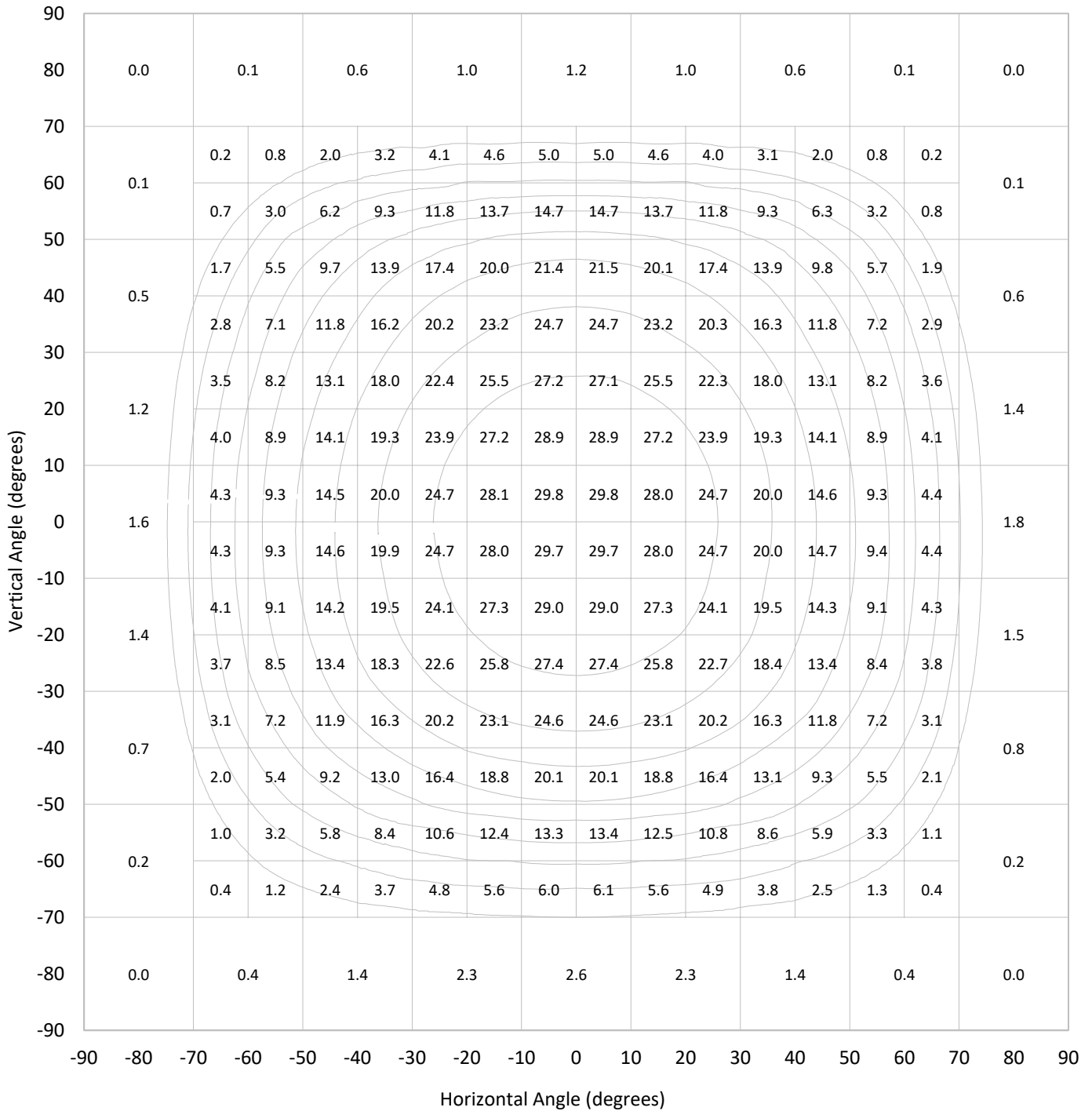
Iso-Candela Plot





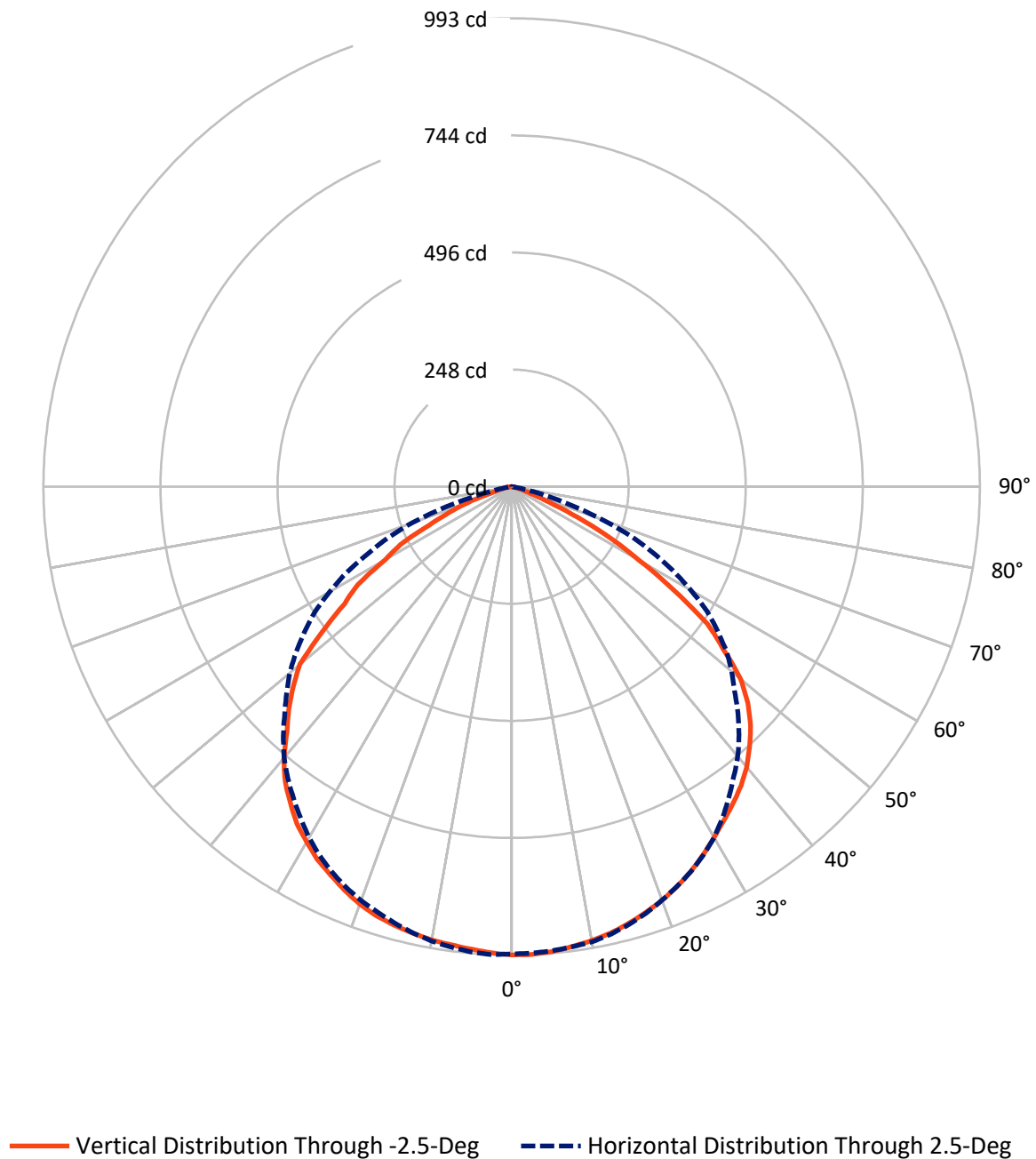
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Lumen Table



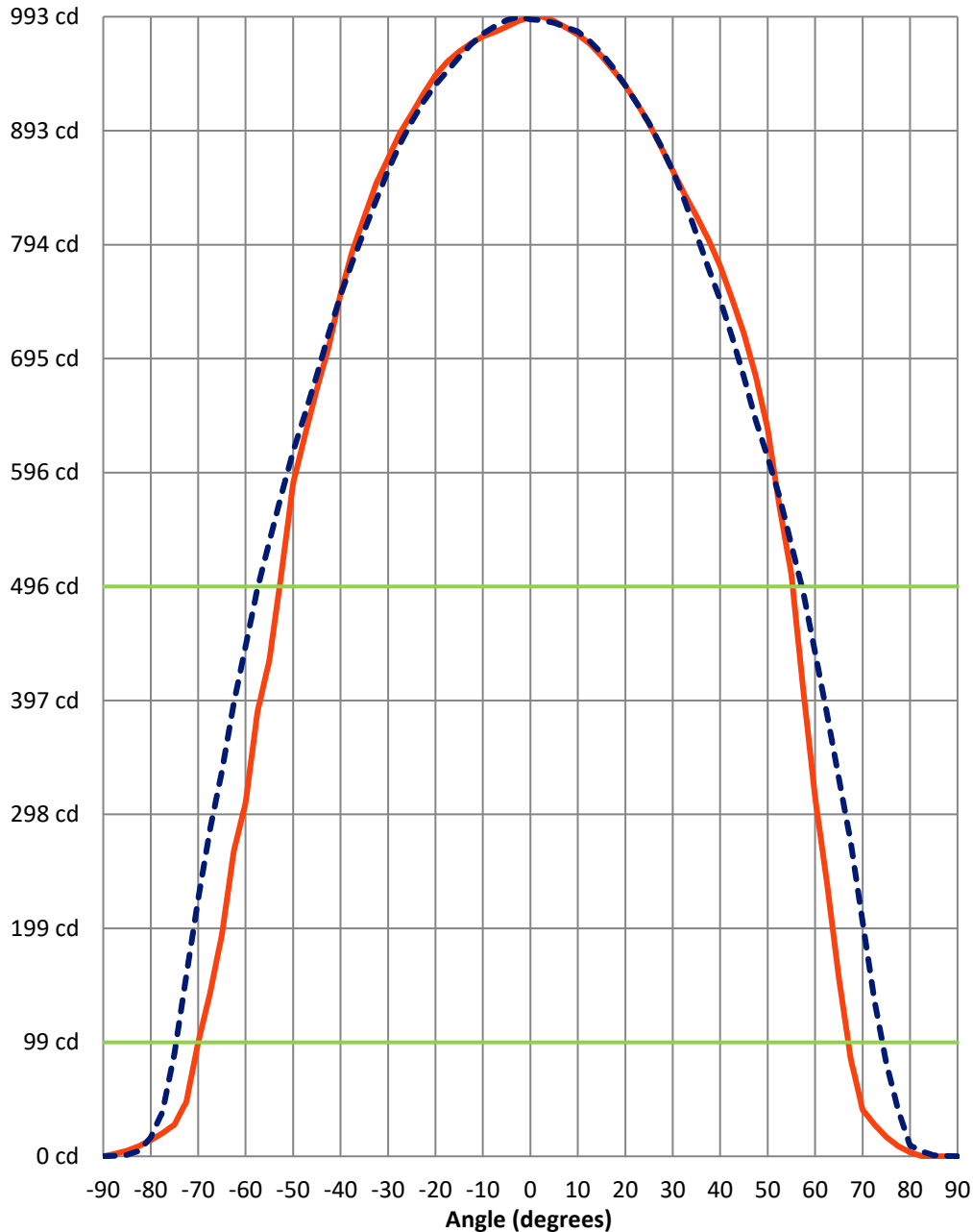
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 114.6°
 V Angle: 108.1°
 Lumens: 2139.6
 Efficiency: 81.5%

Field:
 H Angle: 148.8°
 V Angle: 137°
 Lumens: 2589.6
 Efficiency: 98.6%

Spill:
 Lumens: 36.6
 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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
80°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
77.5°	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.7
75°	0.0	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.7	1.0	1.4
72.5°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.9	1.2	1.8	2.8
70°	0.0	0.2	0.3	0.4	0.5	0.6	0.9	1.4	2.1	3.4	5.0
67.5°	0.0	0.3	0.4	0.4	0.5	0.8	1.3	2.2	3.6	5.4	7.2
65°	0.0	0.3	0.4	0.4	0.7	1.1	1.9	3.3	5.4	7.5	10.0
62.5°	0.0	0.3	0.4	0.5	0.8	1.5	2.7	4.8	7.1	9.9	13.3
60°	0.0	0.3	0.4	0.6	1.0	2.0	3.8	6.3	9.2	12.8	19.3
57.5°	0.0	0.3	0.4	0.6	1.3	2.6	5.0	8.0	11.6	16.0	34.7
55°	0.0	0.3	0.4	0.8	1.6	3.3	6.2	9.9	14.2	29.0	53.1
52.5°	0.0	0.3	0.5	0.9	2.0	4.3	7.6	12.3	17.3	45.0	71.4
50°	0.0	0.3	0.5	1.0	2.4	5.2	9.7	15.0	31.6	61.5	95.6
47.5°	0.0	0.4	0.5	1.2	2.9	6.1	12.0	18.0	46.0	77.8	117.2
45°	0.0	0.4	0.6	1.4	3.4	7.1	14.5	25.3	59.8	99.4	138.5
42.5°	0.0	0.4	0.6	1.6	4.0	8.5	17.1	36.1	73.2	118.9	160.8
40°	0.0	0.4	0.6	1.8	4.6	10.5	19.9	46.6	87.8	136.9	183.0
37.5°	0.0	0.4	0.7	2.0	5.2	12.6	22.7	56.8	104.4	153.9	202.8
35°	0.0	0.4	0.7	2.3	5.8	14.7	28.3	67.0	119.2	169.8	220.4
32.5°	0.0	0.4	0.8	2.5	6.4	16.9	35.0	77.2	132.2	184.4	237.0
30°	0.0	0.4	0.8	2.8	6.9	19.0	41.0	87.6	144.6	198.9	254.4
27.5°	0.0	0.4	0.9	3.0	7.5	21.1	47.4	99.1	156.4	212.8	270.6
25°	0.0	0.4	1.0	3.3	8.2	23.2	53.5	109.7	167.1	225.1	281.4
22.5°	0.0	0.4	1.0	3.5	9.5	25.3	58.9	118.9	176.8	236.1	291.3
20°	0.0	0.4	1.1	3.7	10.7	27.2	64.2	126.5	185.5	246.3	301.2
17.5°	0.0	0.4	1.1	3.9	11.9	29.1	69.8	133.4	193.5	256.0	309.9
15°	0.0	0.4	1.2	4.1	12.9	31.3	74.7	139.5	201.1	264.5	317.1
12.5°	0.0	0.4	1.2	4.3	13.9	33.6	79.0	144.7	207.8	271.7	322.7
10°	0.0	0.4	1.2	4.4	14.7	35.5	82.7	149.1	213.5	276.6	327.3
7.5°	0.0	0.4	1.3	4.6	15.4	37.0	85.7	152.7	218.0	280.2	331.0
5°	0.0	0.4	1.3	4.7	16.0	38.2	88.0	155.4	221.5	282.9	333.7
2.5°	0.0	0.4	1.3	4.7	16.4	39.1	89.5	157.2	223.9	284.7	335.3
0°	0.0	0.4	1.3	4.7	16.7	39.6	90.3	158.1	225.2	285.6	336.0
-2.5°	0.0	0.5	1.3	4.8	16.8	40.0	90.4	158.2	225.4	286.3	336.8
-5°	0.0	0.5	1.3	4.8	16.7	40.1	89.7	157.3	224.4	286.0	336.5
-7.5°	0.0	0.5	1.3	4.7	16.5	39.9	88.3	155.6	222.3	284.8	335.2
-10°	0.0	0.5	1.3	4.7	16.1	39.4	86.2	153.0	219.0	282.7	332.8
-12.5°	0.0	0.5	1.3	4.6	15.5	38.5	83.4	149.5	214.5	279.4	329.3
-15°	0.0	0.5	1.3	4.5	14.8	37.3	80.1	145.1	208.8	274.5	324.7
-17.5°	0.0	0.5	1.3	4.3	13.9	35.9	76.2	139.8	202.0	268.6	319.4
-20°	0.0	0.5	1.2	4.1	12.9	34.4	71.7	133.6	194.9	261.8	313.4

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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	0.4	1.2	4.0	11.8	32.6	67.5	126.6	187.1	252.9	306.5
-25°	0.0	0.4	1.2	3.8	10.5	30.4	63.1	118.3	178.2	242.2	298.0
-27.5°	0.0	0.4	1.1	3.6	9.6	27.9	58.1	108.9	168.3	229.8	288.6
-30°	0.0	0.4	1.0	3.4	8.9	25.6	52.9	98.8	157.3	215.7	277.2
-32.5°	0.0	0.4	1.0	3.2	8.1	23.5	48.6	89.9	145.4	201.1	264.1
-35°	0.0	0.4	0.9	2.9	7.1	21.1	43.9	81.2	132.6	186.9	245.9
-37.5°	0.0	0.4	0.9	2.7	6.2	18.7	38.9	72.6	118.8	171.6	224.0
-40°	0.0	0.4	0.8	2.5	5.7	16.1	33.9	63.9	104.0	155.1	202.0
-42.5°	0.0	0.4	0.8	2.2	5.2	13.4	28.4	55.4	91.6	136.8	181.6
-45°	0.0	0.4	0.8	2.0	4.6	11.0	25.0	47.5	80.5	117.9	160.5
-47.5°	0.0	0.4	0.7	1.8	4.1	9.0	21.4	39.5	68.7	99.1	138.8
-50°	0.0	0.4	0.7	1.6	3.7	6.8	17.7	31.5	56.5	85.0	117.1
-52.5°	0.0	0.4	0.6	1.4	3.1	6.0	14.0	26.1	45.3	70.0	96.7
-55°	0.0	0.4	0.6	1.2	2.7	5.1	10.6	21.6	34.6	55.6	80.2
-57.5°	0.0	0.4	0.6	1.1	2.3	4.4	7.1	17.0	26.8	43.1	62.1
-60°	0.0	0.3	0.5	1.0	1.9	3.6	6.0	12.3	21.3	30.5	48.2
-62.5°	0.0	0.3	0.5	0.8	1.6	3.0	4.9	7.6	16.0	23.7	34.0
-65°	0.0	0.3	0.5	0.7	1.3	2.4	4.0	6.2	10.7	17.9	24.6
-67.5°	0.0	0.3	0.5	0.7	1.1	1.9	3.2	4.9	7.4	12.3	18.3
-70°	0.0	0.3	0.4	0.6	0.9	1.5	2.4	3.8	5.6	8.2	12.4
-72.5°	0.0	0.2	0.4	0.5	0.8	1.2	1.9	2.9	4.3	5.9	8.2
-75°	0.0	0.2	0.4	0.5	0.7	0.9	1.4	2.2	3.1	4.4	5.8
-77.5°	0.0	0.2	0.3	0.4	0.6	0.7	1.0	1.6	2.3	3.1	4.1
-80°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.6	2.2	2.8
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.1	1.5	1.9
-85°	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7
-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-15W-7040

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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.4	0.4	0.5	0.6	0.6	0.8	1.0	1.2	1.4	1.6	1.7
77.5°	0.8	1.0	1.3	1.8	2.4	2.9	3.5	4.0	4.5	5.0	5.4
75°	1.8	2.7	3.7	4.6	5.4	6.2	7.0	8.1	9.1	10.1	11.0
72.5°	4.1	5.3	6.5	7.6	9.2	10.7	12.4	14.3	15.9	17.5	18.9
70°	6.5	8.0	10.0	12.2	14.4	18.3	22.0	23.9	29.9	35.3	38.5
67.5°	9.3	11.8	14.6	20.2	27.6	34.9	43.1	51.0	56.0	60.0	64.3
65°	13.0	17.7	26.3	38.7	50.0	63.4	71.9	80.5	90.7	100.8	106.9
62.5°	20.0	33.2	48.4	64.7	80.5	91.9	108.4	128.9	139.1	164.0	172.3
60°	36.2	54.3	75.6	93.3	110.7	141.0	163.1	189.5	202.7	209.3	226.9
57.5°	56.0	80.4	102.0	124.7	167.7	195.3	223.8	236.6	253.9	277.2	291.8
55°	78.8	105.9	131.9	184.9	219.6	249.8	267.9	292.4	305.7	346.9	369.9
52.5°	104.5	132.8	182.4	229.7	270.9	292.9	314.2	338.1	375.7	398.9	415.8
50°	127.5	171.2	221.2	271.9	311.3	329.9	356.9	392.5	414.7	444.3	472.5
47.5°	154.4	206.0	256.3	304.0	338.0	366.0	399.7	425.6	458.9	482.6	508.6
45°	185.4	235.5	288.3	327.0	362.9	401.6	431.0	463.5	487.7	514.4	536.7
42.5°	211.3	264.6	310.1	347.2	389.8	429.5	461.6	487.7	514.7	539.2	566.9
40°	233.9	287.3	329.5	371.1	413.4	452.3	484.1	510.3	536.7	564.6	589.4
37.5°	256.4	305.2	347.2	392.8	434.0	472.3	501.7	530.3	557.8	583.8	611.0
35°	275.8	322.1	366.6	411.0	453.4	488.8	519.6	547.8	574.2	602.6	632.8
32.5°	289.0	335.6	383.8	427.2	471.0	504.3	535.7	563.7	590.5	621.7	649.9
30°	304.0	350.8	397.9	443.8	485.3	519.2	550.9	579.3	607.9	637.2	666.7
27.5°	318.1	364.6	410.4	459.0	497.9	532.4	564.8	594.1	624.1	653.6	682.5
25°	329.2	378.6	422.0	472.2	509.6	545.2	578.0	608.2	638.9	669.5	698.3
22.5°	340.2	390.4	436.9	483.5	520.5	557.2	589.6	620.6	652.9	684.6	713.2
20°	350.7	401.0	449.8	493.5	530.1	568.0	599.8	632.1	665.7	697.5	725.7
17.5°	360.3	410.6	460.9	503.0	540.8	577.6	608.5	642.5	677.4	709.0	737.4
15°	369.5	419.2	469.9	511.7	550.3	586.4	618.0	651.9	687.2	718.0	747.6
12.5°	377.8	427.0	477.5	519.1	558.0	594.2	626.7	661.2	695.7	726.2	756.0
10°	384.6	433.5	483.9	524.9	564.4	600.9	634.0	668.5	703.0	734.5	763.9
7.5°	389.0	438.5	488.7	529.6	569.4	606.3	639.7	674.1	709.0	741.3	770.7
5°	392.3	442.2	492.3	533.1	573.1	610.7	643.8	678.0	713.4	746.4	775.9
2.5°	394.5	444.4	494.7	535.4	575.6	613.8	646.5	680.3	716.5	749.9	779.2
0°	395.6	445.4	495.8	536.5	576.8	615.7	647.8	681.0	717.9	751.8	780.9
-2.5°	396.6	446.3	496.1	537.1	577.2	615.9	649.0	682.3	718.2	751.6	780.4
-5°	396.5	445.9	495.2	536.6	576.4	614.7	648.8	682.1	717.0	749.7	778.4
-7.5°	395.4	444.2	493.0	534.7	574.5	612.2	647.3	680.4	714.2	746.4	774.7
-10°	393.1	441.2	489.7	531.4	571.5	608.2	644.1	677.2	710.3	741.6	769.6
-12.5°	388.5	436.8	485.2	526.7	567.3	602.8	639.4	672.8	705.5	735.6	763.7
-15°	382.5	431.4	479.9	520.9	562.0	596.2	632.7	667.1	699.3	728.8	756.9
-17.5°	375.6	425.4	473.4	513.9	554.3	588.9	623.6	658.9	691.5	720.8	748.6
-20°	366.9	418.6	465.0	505.8	545.0	581.5	613.5	648.5	682.0	711.5	738.8



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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°	355.7	410.5	454.9	497.0	532.9	571.6	602.7	636.3	670.0	701.4	727.9
-25°	344.3	401.2	442.8	485.9	520.1	558.5	591.5	622.2	654.9	688.8	715.1
-27.5°	333.3	390.0	428.8	471.3	506.8	542.7	579.1	608.1	638.7	671.2	700.6
-30°	322.5	371.3	413.6	453.1	492.6	525.2	562.1	594.2	621.6	650.8	679.6
-32.5°	309.7	348.9	396.7	432.3	475.3	508.0	542.1	577.1	604.5	629.2	656.5
-35°	293.4	331.4	377.1	412.9	452.5	490.5	520.7	554.7	582.9	604.9	632.3
-37.5°	275.3	313.7	351.7	392.6	426.3	467.4	500.5	527.4	555.0	579.3	602.3
-40°	253.2	294.2	329.9	369.1	401.9	438.2	476.1	500.6	525.3	549.6	571.5
-42.5°	226.2	272.3	308.0	340.9	377.1	407.6	443.3	473.6	495.2	517.8	539.2
-45°	201.0	245.6	284.1	317.9	348.5	378.4	405.3	440.3	465.9	485.3	505.2
-47.5°	177.4	214.4	256.8	290.3	321.8	345.6	367.9	396.5	430.2	453.6	470.2
-50°	153.2	187.6	221.6	260.7	290.2	314.7	333.9	351.4	379.3	412.6	436.2
-52.5°	128.6	161.1	191.5	223.2	255.2	276.9	301.8	317.5	330.5	352.3	384.9
-55°	105.5	134.2	162.9	189.3	214.7	238.8	257.3	282.9	297.8	306.5	316.8
-57.5°	85.6	108.7	133.9	158.0	178.5	198.9	217.6	231.4	250.5	272.5	281.3
-60°	65.7	86.9	106.8	126.5	144.4	161.7	179.3	193.4	201.7	213.6	234.9
-62.5°	49.6	64.9	84.0	98.2	111.8	127.1	139.0	154.0	169.0	175.6	182.4
-65°	34.1	48.1	59.5	73.8	84.5	93.8	105.5	115.6	122.5	134.1	145.4
-67.5°	23.8	30.8	43.1	49.3	58.4	68.2	75.1	81.0	88.6	98.1	102.3
-70°	17.4	21.7	26.6	31.9	37.3	41.8	48.3	55.4	59.3	62.1	65.2
-72.5°	11.6	15.7	18.7	20.6	23.0	25.1	27.0	28.7	32.6	37.0	39.5
-75°	7.3	10.1	12.7	14.6	16.1	17.2	17.9	18.3	18.8	20.2	21.3
-77.5°	5.3	6.5	7.6	8.8	10.4	11.6	12.5	13.1	13.9	14.7	15.4
-80°	3.6	4.4	5.2	5.9	6.6	7.3	8.0	8.7	9.3	9.9	10.4
-82.5°	2.4	2.9	3.3	3.7	4.2	4.6	5.1	5.6	5.9	6.2	6.6
-85°	1.5	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.5	3.7
-87.5°	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.6
-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: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7040

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	0.2	0.2	0.2	0.2	0.2	0.2
80°	1.9	2.1	2.3	2.4	2.6	2.8	3.0	3.1	3.2	3.3	3.4
77.5°	5.9	6.4	6.7	7.1	7.5	7.9	8.1	8.2	8.3	8.6	8.7
75°	11.9	12.6	13.2	13.9	14.6	15.1	15.5	15.8	16.0	16.3	16.6
72.5°	21.2	22.9	23.0	23.2	24.2	24.9	25.6	26.0	26.3	26.8	27.2
70°	39.6	38.8	37.1	36.7	38.8	40.0	40.4	40.3	40.2	40.6	41.3
67.5°	66.7	66.6	66.7	68.8	77.6	82.7	82.2	80.0	78.8	81.4	86.1
65°	117.3	133.5	132.1	126.6	140.4	152.2	151.2	149.6	149.1	152.1	155.9
62.5°	174.2	187.3	191.2	192.3	210.3	218.6	221.5	223.4	223.1	224.4	229.4
60°	241.1	255.2	267.0	268.4	268.5	287.1	305.1	307.5	305.8	304.2	309.0
57.5°	315.8	323.5	334.6	345.9	354.4	357.3	370.8	389.5	395.8	393.2	398.9
55°	377.6	388.9	399.9	420.2	446.0	459.0	457.0	458.3	472.1	488.7	494.0
52.5°	438.1	456.5	479.0	492.7	501.3	512.8	530.8	541.4	547.0	549.8	555.3
50°	490.3	507.7	518.8	538.1	558.7	571.7	580.4	594.9	606.0	617.3	623.1
47.5°	527.1	545.3	567.4	582.2	604.0	618.2	628.0	638.1	652.9	662.9	668.4
45°	563.1	581.7	603.8	620.5	635.1	653.6	667.2	676.7	685.0	695.8	704.3
42.5°	589.5	614.4	633.8	652.6	669.0	682.3	697.9	708.9	719.0	726.3	734.5
40°	615.7	643.6	660.9	677.9	695.6	709.5	727.8	736.7	746.5	754.8	763.6
37.5°	640.0	663.5	683.6	700.3	718.7	733.3	750.8	762.1	770.8	780.2	788.1
35°	658.6	682.4	701.6	719.3	737.9	755.3	770.1	781.3	790.7	800.7	809.7
32.5°	676.5	699.1	718.3	737.6	756.9	773.8	786.8	797.3	808.5	819.6	829.2
30°	693.0	715.7	736.8	756.3	775.6	791.7	805.0	816.1	828.0	839.5	849.2
27.5°	709.1	732.6	754.7	775.5	794.5	811.0	824.3	836.9	848.2	860.4	869.5
25°	724.4	749.0	772.0	793.2	812.7	828.7	843.7	857.5	869.5	880.2	887.7
22.5°	739.3	764.2	787.7	809.9	828.6	846.1	862.0	875.5	887.3	897.4	904.7
20°	752.8	778.3	802.5	824.0	844.0	861.6	876.9	890.9	902.3	912.1	919.5
17.5°	764.8	790.7	814.8	837.8	857.1	874.5	890.8	903.6	915.6	924.9	932.6
15°	775.1	801.6	826.5	849.3	868.4	886.7	901.9	915.6	927.2	937.0	944.4
12.5°	783.9	810.7	836.2	858.8	878.7	896.8	911.5	924.9	937.1	947.1	954.7
10°	791.5	818.4	844.3	867.0	887.4	904.4	919.6	932.4	944.8	954.8	963.2
7.5°	798.2	825.0	850.9	873.8	892.9	911.0	925.5	938.9	950.3	961.1	969.3
5°	803.0	829.8	855.6	878.6	897.9	915.7	930.2	942.5	953.9	965.3	974.2
2.5°	806.2	832.7	858.6	881.4	901.3	918.7	933.4	945.4	957.5	968.5	977.7
0°	807.6	833.7	859.7	882.5	902.8	920.1	934.4	946.8	959.7	970.9	979.5
-2.5°	806.9	832.9	858.5	881.6	901.1	918.1	931.8	944.3	956.9	968.3	978.2
-5°	804.6	830.3	855.4	878.8	898.1	914.7	927.8	940.1	952.8	964.7	974.3
-7.5°	800.7	826.1	850.3	874.2	894.5	910.7	924.3	936.6	948.8	960.0	969.8
-10°	795.4	820.7	845.3	869.4	890.1	905.9	919.9	932.3	944.1	955.7	965.1
-12.5°	790.8	816.3	840.9	863.7	884.1	900.6	914.2	927.3	939.2	950.1	958.5
-15°	784.1	810.4	834.8	856.2	876.4	893.3	907.4	920.8	932.9	942.3	951.1
-17.5°	775.7	802.7	827.0	849.7	866.6	883.4	897.7	911.7	923.6	933.2	940.6
-20°	764.8	792.0	817.4	837.0	854.9	870.4	886.5	899.0	911.4	922.1	929.3

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REPORT NUMBER: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7040

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	753.1	778.4	802.9	823.9	840.6	856.8	871.0	885.4	897.5	907.3	914.3
-25°	739.1	761.6	785.8	808.5	826.4	840.5	855.9	869.6	880.9	890.5	898.2
-27.5°	722.4	744.8	766.8	789.0	809.6	824.8	837.8	850.8	863.3	872.5	877.9
-30°	702.8	725.3	746.5	767.8	786.9	803.7	819.0	830.8	841.5	850.5	857.8
-32.5°	680.4	701.2	723.8	744.1	761.9	778.5	793.4	807.4	817.5	826.2	834.3
-35°	657.3	676.5	695.4	717.2	736.9	751.5	765.2	778.0	789.5	798.4	804.6
-37.5°	630.6	654.0	668.4	684.7	705.2	725.2	738.3	748.4	759.4	769.3	776.7
-40°	594.4	622.7	641.8	654.4	667.7	684.6	704.4	715.6	722.6	730.1	738.3
-42.5°	558.8	580.3	604.1	622.5	634.7	645.5	658.6	671.6	681.7	688.4	692.1
-45°	524.2	544.6	563.0	581.6	597.6	608.8	621.2	632.5	642.1	650.4	656.7
-47.5°	486.4	506.0	526.2	543.5	557.3	570.4	583.6	594.9	604.1	611.7	618.0
-50°	444.4	455.5	474.1	496.7	516.3	527.5	536.8	548.3	559.7	569.8	576.2
-52.5°	405.5	413.1	416.3	426.4	443.8	462.8	473.1	477.9	482.0	489.4	499.1
-55°	341.4	366.6	377.5	380.1	380.6	390.7	405.0	414.6	419.6	418.9	424.0
-57.5°	286.3	294.4	312.8	330.2	342.2	345.1	349.9	358.2	367.1	375.2	381.7
-60°	251.3	255.6	257.6	261.1	270.8	284.4	292.8	296.8	296.9	297.2	302.9
-62.5°	192.3	209.7	220.5	224.3	226.6	233.0	241.3	249.6	254.1	256.9	260.2
-65°	154.0	157.8	161.8	165.5	177.4	185.0	185.0	184.4	184.6	190.0	195.1
-67.5°	106.6	109.8	115.5	123.8	128.4	129.3	129.2	129.8	129.9	132.4	136.2
-70°	70.2	76.8	80.4	81.0	81.4	83.9	87.9	92.5	94.0	94.3	95.3
-72.5°	40.1	39.7	39.0	41.2	43.2	44.9	47.1	48.1	47.9	47.9	48.0
-75°	23.0	24.0	23.8	23.9	24.6	25.2	25.9	26.5	26.7	27.0	27.3
-77.5°	16.0	16.6	17.1	17.6	18.1	18.5	18.9	19.2	19.4	19.7	19.9
-80°	10.9	11.4	11.9	12.3	12.6	13.0	13.2	13.4	13.6	13.8	13.9
-82.5°	6.9	7.2	7.4	7.7	7.9	8.1	8.3	8.4	8.5	8.6	8.7
-85°	3.8	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9
-87.5°	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2
-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: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7040

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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	3.5	3.5	3.5	3.4	3.4	3.5	3.4	3.3	3.2	3.1	3.0
77.5°	8.8	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.5	8.2	8.1
75°	16.8	16.9	16.8	16.7	16.8	16.9	16.8	16.6	16.3	16.0	15.8
72.5°	27.5	27.7	27.7	27.5	27.7	27.7	27.5	27.2	26.8	26.4	26.5
70°	41.5	41.3	40.7	39.9	40.8	41.5	41.8	41.6	40.9	40.5	40.6
67.5°	88.2	87.6	85.0	81.2	85.1	87.7	88.2	85.9	80.9	78.8	80.5
65°	157.5	157.3	155.5	152.6	155.9	158.0	158.4	156.7	152.5	149.2	150.5
62.5°	235.9	238.5	238.0	234.8	237.7	238.2	235.5	229.3	224.0	222.6	223.1
60°	311.8	312.9	312.6	311.2	312.4	312.4	310.8	307.4	301.8	303.2	306.3
57.5°	403.2	405.5	406.2	405.5	406.0	404.9	402.0	396.8	391.5	395.4	390.2
55°	499.6	504.3	506.7	505.4	506.6	504.3	499.9	494.9	490.6	473.4	458.7
52.5°	561.0	564.8	565.7	564.4	565.5	564.5	560.5	554.8	549.5	546.7	541.8
50°	626.8	630.5	633.4	634.6	632.3	628.3	623.4	618.5	612.7	603.5	593.3
47.5°	673.5	677.0	679.4	680.7	678.9	675.8	671.5	665.5	659.1	649.0	635.4
45°	709.3	713.5	716.5	717.8	715.7	712.2	707.7	702.9	694.2	683.0	672.9
42.5°	741.0	744.2	746.8	748.3	746.7	743.8	740.0	733.4	724.5	715.7	705.4
40°	767.9	771.9	775.4	777.7	775.6	772.2	768.2	763.5	753.7	744.4	734.7
37.5°	793.2	796.8	798.8	799.4	798.8	797.0	793.5	788.1	779.5	769.7	758.5
35°	815.7	818.2	819.1	818.6	819.2	818.4	816.0	809.9	800.9	790.9	779.9
32.5°	836.1	837.8	838.0	836.7	838.4	838.7	837.2	830.2	820.5	809.5	798.4
30°	856.8	858.3	858.6	857.3	859.2	859.4	858.2	850.1	840.3	828.5	817.2
27.5°	875.9	878.4	879.4	879.0	880.0	879.5	877.2	870.0	860.0	847.4	837.7
25°	893.5	897.2	899.5	900.2	900.2	898.7	895.2	888.4	878.8	868.6	857.7
22.5°	910.2	914.3	916.9	917.7	918.1	916.7	912.5	905.5	896.9	887.2	875.6
20°	925.6	930.1	932.7	933.9	933.4	931.6	927.3	920.5	912.3	902.6	891.4
17.5°	938.2	942.7	945.9	947.3	946.7	944.3	939.7	933.9	925.0	915.2	904.5
15°	950.4	955.3	958.3	959.1	958.9	956.0	951.0	944.9	937.3	926.6	915.3
12.5°	960.8	966.2	969.1	969.5	968.8	965.9	961.3	955.2	946.8	937.1	925.0
10°	969.4	974.4	977.0	976.9	976.7	974.2	968.8	962.8	955.4	945.7	933.1
7.5°	975.7	981.6	983.2	983.3	982.1	979.8	974.9	969.3	962.5	952.5	940.4
5°	981.9	987.2	988.9	987.4	986.0	984.1	980.7	975.5	968.3	958.1	945.1
2.5°	984.2	989.5	992.6	990.4	989.4	987.3	983.5	979.7	971.4	960.9	947.9
0°	985.7	990.4	992.4	991.7	989.7	987.6	984.3	978.5	971.1	961.4	949.0
-2.5°	983.5	988.2	988.9	987.5	986.3	984.5	982.4	977.8	969.5	958.7	945.3
-5°	980.3	983.5	984.0	982.3	981.5	981.1	978.8	974.1	966.4	954.7	939.7
-7.5°	976.2	980.0	979.3	977.8	977.6	976.9	975.6	970.7	962.1	949.9	935.9
-10°	971.1	974.6	975.5	973.7	974.6	973.2	971.2	965.5	956.0	943.7	929.7
-12.5°	964.1	967.6	969.4	969.7	969.9	968.5	964.8	958.4	949.8	938.0	925.4
-15°	956.5	960.6	962.3	962.7	962.9	961.4	957.4	950.7	941.9	932.1	919.5
-17.5°	946.9	951.7	953.4	954.0	953.5	951.6	947.2	941.4	932.8	922.8	910.9
-20°	935.3	939.9	941.6	941.8	941.3	939.5	935.3	929.7	921.0	910.5	900.3

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Scaled Data Report



REPORT NUMBER: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7040

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	920.1	923.4	925.6	926.0	926.1	924.5	920.3	913.9	905.1	896.1	885.6
-25°	902.3	906.0	908.0	908.4	908.7	907.0	902.6	896.4	887.9	878.7	869.6
-27.5°	883.9	888.8	891.1	891.8	891.1	888.7	883.7	876.7	870.5	861.8	850.1
-30°	862.8	866.7	869.0	869.9	869.0	866.7	863.0	857.8	850.2	840.5	829.5
-32.5°	840.4	844.7	847.2	848.1	847.6	845.6	841.9	835.5	826.9	817.5	807.0
-35°	810.1	815.0	818.0	819.2	818.8	816.5	812.1	806.3	799.5	790.0	777.8
-37.5°	781.9	786.0	788.5	789.4	789.1	787.2	783.8	778.5	770.5	760.6	749.9
-40°	744.8	749.1	751.1	750.5	751.6	749.9	745.5	738.4	730.9	723.5	715.0
-42.5°	698.1	702.6	704.8	704.9	705.0	703.2	699.2	693.6	689.2	682.4	671.5
-45°	661.7	665.6	668.2	669.2	668.7	666.6	663.0	657.8	651.2	642.7	632.6
-47.5°	623.0	626.3	628.0	628.3	628.3	626.7	623.4	618.3	611.8	604.3	595.6
-50°	580.6	584.0	585.9	585.9	585.9	584.0	580.5	575.6	568.7	559.2	548.2
-52.5°	504.9	507.2	506.5	502.7	505.9	505.8	502.4	495.5	485.3	478.7	475.5
-55°	428.2	430.9	432.3	432.4	431.6	429.5	426.2	421.5	416.0	416.3	410.5
-57.5°	384.5	386.2	386.9	386.2	386.6	385.7	384.0	381.1	374.5	365.6	356.0
-60°	306.5	308.2	308.3	307.0	308.3	308.2	306.5	303.0	297.5	296.4	294.9
-62.5°	262.6	264.4	265.3	265.5	265.3	264.2	262.3	259.5	255.4	251.3	246.1
-65°	196.9	196.0	193.1	188.8	191.8	193.4	193.2	190.6	185.1	180.2	180.2
-67.5°	139.1	141.0	142.0	142.0	141.5	140.1	137.9	134.7	130.7	128.7	129.2
-70°	96.7	98.1	99.0	99.2	99.0	97.9	96.3	94.4	92.6	91.1	88.6
-72.5°	48.1	48.0	47.5	46.5	47.2	47.3	47.1	46.6	46.2	45.9	45.9
-75°	27.5	27.6	27.7	27.6	27.6	27.5	27.3	27.1	26.7	26.4	26.2
-77.5°	20.1	20.2	20.2	20.2	20.2	20.1	20.0	19.8	19.5	19.2	19.0
-80°	14.0	14.0	14.0	14.0	14.0	14.0	13.9	13.8	13.6	13.5	13.3
-82.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.6	8.5	8.4	8.3
-85°	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7	4.6
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1
-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: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7040

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	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
85°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.2
80°	2.9	2.7	2.5	2.4	2.2	2.1	1.9	1.6	1.5	1.3	1.1
77.5°	8.0	7.7	7.4	7.0	6.6	6.3	5.9	5.4	4.9	4.4	3.9
75°	15.5	15.0	14.5	13.8	13.1	12.6	11.9	11.1	10.2	9.2	8.1
72.5°	26.1	25.2	24.2	23.3	23.0	22.9	21.3	19.2	17.8	16.3	14.7
70°	40.9	40.8	40.1	38.8	39.4	40.0	39.5	38.0	35.0	30.1	24.7
67.5°	83.0	83.4	78.0	69.1	68.1	69.3	67.7	63.5	58.9	54.6	49.4
65°	153.1	154.6	142.3	128.1	132.4	131.7	117.5	110.6	107.3	89.9	80.3
62.5°	222.8	222.1	214.7	196.3	194.3	191.8	176.9	170.4	159.8	141.3	132.8
60°	306.3	289.4	271.0	271.1	270.6	258.1	241.7	230.8	214.1	199.3	181.4
57.5°	370.9	356.4	352.8	347.2	336.4	322.8	319.5	293.7	275.9	255.9	233.7
55°	455.8	456.7	447.1	420.9	398.4	387.7	376.5	365.7	351.3	305.0	289.8
52.5°	532.8	514.3	501.3	491.7	479.1	455.7	435.2	414.5	394.7	372.5	337.5
50°	579.8	570.9	559.0	540.5	519.4	507.3	491.7	469.3	440.7	410.5	386.2
47.5°	626.1	616.4	601.9	582.6	566.9	547.1	527.4	510.0	479.6	453.0	420.3
45°	662.0	650.1	633.0	618.0	601.9	582.5	563.8	537.5	514.0	485.3	456.2
42.5°	694.0	678.8	662.4	647.8	628.8	611.0	591.2	566.9	539.9	513.7	484.2
40°	722.6	705.5	690.2	671.5	654.4	636.4	612.0	589.7	564.9	537.1	509.2
37.5°	746.1	730.7	713.6	695.2	676.2	656.0	633.9	608.1	584.2	558.5	530.3
35°	768.0	751.4	734.5	715.7	696.6	676.4	652.3	627.3	600.9	575.1	548.5
32.5°	787.5	773.1	754.8	734.6	715.7	695.7	672.4	644.7	616.8	590.0	564.7
30°	806.4	793.7	776.1	755.3	735.1	714.7	691.0	663.6	632.7	605.1	579.4
27.5°	825.9	812.3	796.7	776.2	754.5	732.6	709.4	681.7	650.8	620.9	593.5
25°	845.1	831.3	813.7	794.6	772.4	749.7	726.1	699.1	669.5	637.3	606.9
22.5°	863.4	847.8	829.8	809.8	788.5	764.5	740.5	713.7	684.1	652.7	620.3
20°	878.3	862.6	844.0	823.9	802.1	778.5	753.6	726.1	696.7	666.5	633.2
17.5°	891.4	875.5	857.2	836.3	814.8	791.2	765.1	737.4	707.3	677.4	644.7
15°	902.7	887.2	868.6	848.1	826.6	802.1	776.0	747.8	716.2	685.9	654.4
12.5°	912.1	897.1	878.8	859.0	836.4	811.9	784.8	755.9	724.3	693.2	661.9
10°	919.8	904.6	887.2	867.1	844.7	820.4	792.2	763.3	732.5	700.4	668.1
7.5°	926.2	910.6	893.6	873.2	851.2	826.2	797.4	768.9	738.9	706.3	673.0
5°	930.9	914.9	897.4	877.6	855.7	830.2	801.1	772.3	743.3	710.8	676.6
2.5°	932.8	916.8	899.9	880.3	858.5	832.4	803.1	773.9	746.0	713.6	678.7
0°	932.8	917.0	900.8	881.1	859.4	832.9	803.3	774.0	746.9	714.9	679.3
-2.5°	929.9	914.9	899.5	880.7	858.2	831.3	802.3	774.3	747.3	715.1	679.6
-5°	925.5	911.6	896.6	878.7	855.1	827.8	799.7	773.3	746.1	713.6	678.3
-7.5°	921.8	907.8	892.9	874.4	850.2	822.5	795.7	771.0	743.4	710.3	675.7
-10°	917.6	904.3	889.5	869.5	844.0	815.8	790.9	767.2	739.2	705.4	671.8
-12.5°	912.5	900.2	884.4	863.5	838.0	811.7	786.7	762.3	732.9	699.0	667.4
-15°	906.5	893.7	877.2	855.8	831.1	806.2	782.1	756.4	725.6	691.9	662.8
-17.5°	899.1	884.6	867.1	846.7	823.7	799.1	774.9	749.0	715.9	684.3	655.9
-20°	888.1	872.7	854.4	834.3	813.7	790.4	766.2	738.9	705.0	675.4	647.1



REPORT NUMBER: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	873.8	858.0	839.2	820.4	799.3	778.3	756.1	724.9	693.8	665.7	636.4
-25°	856.5	840.2	822.9	803.1	784.5	765.1	740.8	709.0	681.2	653.6	623.7
-27.5°	836.6	821.7	803.0	786.3	769.4	747.8	720.2	693.5	667.3	639.5	609.8
-30°	816.1	800.1	784.5	770.0	750.2	726.2	699.2	675.5	650.5	624.2	596.3
-32.5°	792.0	778.0	764.3	747.9	727.2	701.1	679.2	656.0	630.0	607.1	579.1
-35°	765.8	754.1	739.8	720.6	698.3	678.7	657.3	630.8	604.9	584.4	556.6
-37.5°	740.3	725.8	706.4	686.8	671.7	654.5	627.2	599.4	578.8	555.6	529.3
-40°	702.4	684.6	668.6	655.5	640.6	616.7	588.9	568.9	548.7	526.3	499.1
-42.5°	657.1	644.8	634.8	620.6	599.6	575.0	554.0	537.0	518.0	494.4	468.1
-45°	621.4	609.5	596.8	579.3	560.5	540.9	521.8	504.8	484.6	461.9	431.7
-47.5°	584.3	571.8	558.2	542.5	524.2	504.4	485.1	470.2	450.5	422.7	388.3
-50°	536.8	527.6	515.6	494.9	470.8	452.9	443.8	433.1	405.4	371.5	346.0
-52.5°	470.9	458.8	437.8	421.2	413.4	409.7	400.0	377.0	345.3	325.5	313.2
-55°	400.6	386.5	375.8	375.3	371.9	359.6	333.9	311.0	301.8	291.7	275.3
-57.5°	346.8	341.0	336.8	323.2	305.8	289.2	282.0	275.7	264.0	242.1	224.7
-60°	289.0	279.9	266.4	257.3	254.4	251.8	244.7	226.0	205.5	194.9	185.4
-62.5°	237.5	229.7	224.1	221.0	213.5	200.5	188.4	177.9	168.0	156.1	145.4
-65°	179.6	177.4	174.1	169.4	161.9	154.5	145.7	135.3	125.2	115.4	109.7
-67.5°	128.5	127.7	124.9	118.3	109.6	103.8	101.2	97.0	93.4	82.2	73.0
-70°	84.2	80.7	78.8	77.1	74.8	71.7	66.0	60.4	56.9	54.7	52.1
-72.5°	45.3	44.0	42.6	40.1	36.8	37.5	38.2	37.7	34.6	30.0	25.9
-75°	25.7	25.1	24.5	23.9	23.6	23.4	22.2	20.6	19.6	18.5	17.8
-77.5°	18.7	18.3	17.9	17.4	16.9	16.4	15.8	15.2	14.4	13.6	12.7
-80°	13.1	12.8	12.5	12.1	11.7	11.2	10.7	10.1	9.6	9.0	8.4
-82.5°	8.1	7.9	7.7	7.5	7.2	7.0	6.6	6.3	6.0	5.6	5.2
-85°	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.1	2.9
-87.5°	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.3
-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: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7040

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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.9	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	3.4	2.8	2.3	1.6	1.2	0.8	0.6	0.5	0.5	0.4	0.3
75°	7.0	6.2	5.4	4.6	3.6	2.5	1.6	1.1	0.8	0.6	0.5
72.5°	12.8	11.1	9.4	7.7	6.6	5.3	3.9	2.5	1.6	1.1	0.8
70°	22.9	19.3	15.1	12.7	10.4	8.1	6.4	4.7	3.1	1.8	1.2
67.5°	43.2	35.8	28.9	21.6	15.5	12.2	9.2	7.0	5.0	3.2	1.8
65°	71.6	59.8	50.5	40.0	28.3	18.6	13.3	9.8	7.0	4.8	2.9
62.5°	109.8	96.0	78.2	62.4	49.2	33.7	20.4	13.4	9.5	6.5	4.2
60°	159.3	139.4	116.5	96.4	70.3	53.0	35.3	19.4	12.5	8.6	5.6
57.5°	212.4	185.3	159.7	132.4	104.6	73.2	53.0	33.1	16.2	11.1	7.1
55°	262.8	236.5	205.2	172.5	135.6	102.4	71.4	49.0	27.5	13.9	8.9
52.5°	311.2	284.3	254.0	213.4	169.7	131.4	94.3	64.7	41.0	17.2	11.2
50°	354.5	326.5	298.2	254.4	205.9	160.6	120.8	83.1	54.8	29.1	13.8
47.5°	393.1	361.4	334.2	290.6	240.9	191.4	145.4	104.1	68.3	40.9	17.4
45°	424.4	394.4	358.3	323.2	274.3	221.6	171.1	125.3	85.2	52.6	24.4
42.5°	453.2	422.7	383.2	344.9	302.8	250.9	196.5	146.6	101.7	64.0	34.2
40°	478.0	444.5	408.0	365.3	327.6	276.6	221.7	167.7	117.1	75.8	43.5
37.5°	500.7	465.7	429.1	386.9	344.9	300.1	244.9	187.8	134.9	89.1	52.4
35°	519.8	486.7	448.4	407.3	361.4	321.4	265.3	207.2	151.7	101.3	60.8
32.5°	537.3	504.6	466.5	425.6	378.6	335.1	283.3	227.0	167.8	112.6	68.9
30°	552.0	521.6	483.9	441.8	394.8	347.7	301.9	243.9	182.8	124.5	76.9
27.5°	565.7	535.9	499.2	456.7	410.2	360.0	317.6	259.3	196.6	136.6	85.6
25°	577.8	547.0	513.3	470.4	424.5	373.4	328.1	272.8	210.2	147.8	93.5
22.5°	589.2	557.8	525.8	482.7	437.2	386.3	337.6	284.8	223.0	158.3	100.7
20°	600.0	568.6	535.8	494.9	448.7	398.1	346.1	296.1	234.2	167.9	107.4
17.5°	610.2	576.9	543.0	505.4	459.2	408.7	354.2	305.8	243.8	176.4	113.3
15°	619.5	585.3	549.8	513.8	468.1	417.8	362.3	313.3	252.1	183.7	118.6
12.5°	626.9	592.7	557.6	520.6	475.5	424.8	369.3	318.4	259.4	189.9	123.4
10°	632.7	598.8	564.1	525.3	481.5	430.2	375.2	322.6	264.8	195.1	127.9
7.5°	636.8	603.5	568.8	528.9	486.1	434.3	379.9	325.8	268.9	199.3	131.5
5°	639.6	606.9	572.1	531.3	489.3	437.2	383.2	328.0	271.8	202.3	134.1
2.5°	641.0	609.0	574.3	532.5	491.2	438.7	385.3	329.2	273.7	204.3	135.9
0°	640.9	609.8	575.3	532.5	491.7	439.0	386.0	329.4	274.4	205.2	136.7
-2.5°	642.5	610.9	575.9	534.3	493.3	440.8	387.1	330.3	275.3	206.3	137.5
-5°	642.9	610.6	575.3	534.9	493.6	441.2	386.8	330.1	275.2	206.3	137.5
-7.5°	641.9	608.9	573.7	534.5	492.5	440.3	385.2	328.8	274.1	205.3	136.4
-10°	639.9	605.7	570.9	533.0	490.1	437.7	382.2	326.5	272.0	203.2	134.4
-12.5°	636.7	601.1	567.2	530.5	486.2	433.7	378.1	323.2	268.7	200.1	131.5
-15°	631.5	595.3	562.6	526.4	480.9	428.1	372.9	318.8	264.0	196.0	127.9
-17.5°	623.8	588.6	557.0	520.8	474.2	421.6	366.7	313.2	258.4	190.9	123.5
-20°	613.7	581.6	550.9	512.8	466.2	413.9	358.9	306.6	252.1	184.2	118.2



REPORT NUMBER: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7040

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	603.2	572.7	541.5	502.9	456.2	403.6	349.3	299.1	243.1	176.2	111.8
-25°	592.5	561.2	528.4	488.0	442.7	392.1	339.0	290.5	232.1	167.1	105.2
-27.5°	580.5	547.4	512.1	471.4	425.8	380.9	328.5	281.0	220.5	157.1	98.5
-30°	564.1	531.0	493.1	451.7	407.9	363.8	317.2	270.6	209.4	145.9	91.0
-32.5°	545.3	510.5	472.2	428.4	388.9	344.1	303.5	258.5	196.7	134.0	83.6
-35°	523.1	487.2	447.6	407.1	370.4	326.9	287.4	240.2	181.6	121.0	75.9
-37.5°	497.2	460.8	419.9	385.8	347.1	308.6	269.8	219.9	165.3	108.4	68.3
-40°	468.5	429.6	395.2	364.4	325.4	288.8	247.7	200.3	147.8	96.5	61.4
-42.5°	433.6	399.5	372.4	337.3	303.3	266.8	220.7	177.4	127.6	84.9	54.1
-45°	396.8	373.2	345.8	313.2	279.4	239.7	198.9	153.8	108.6	73.2	46.5
-47.5°	362.3	343.4	317.5	286.2	250.8	209.6	172.7	129.7	92.1	64.2	39.9
-50°	330.8	309.9	286.3	255.5	215.8	184.3	145.6	106.9	77.9	54.1	34.6
-52.5°	295.7	271.8	250.3	216.9	188.3	154.5	118.2	88.8	64.3	43.6	29.6
-55°	251.2	233.1	207.7	185.4	156.5	124.4	95.7	73.6	51.2	36.8	24.4
-57.5°	211.2	190.7	173.6	151.4	124.0	97.7	78.5	55.9	40.0	30.1	19.0
-60°	169.9	155.6	137.4	116.5	95.2	79.3	58.7	42.0	32.6	23.5	13.1
-62.5°	132.3	120.1	101.7	87.2	77.0	57.0	41.5	33.0	25.5	16.9	7.3
-65°	98.0	83.9	75.5	69.1	49.4	38.0	31.4	25.5	18.5	10.4	6.0
-67.5°	67.6	63.2	52.2	39.6	32.5	28.2	23.7	18.1	11.5	6.9	4.8
-70°	43.5	35.2	29.3	27.0	24.2	20.8	16.3	10.9	7.3	5.4	3.7
-72.5°	23.7	22.8	21.5	19.6	17.0	13.5	9.1	7.3	5.6	4.0	2.8
-75°	17.4	16.4	14.8	12.6	9.9	8.4	6.8	5.4	4.1	2.9	2.0
-77.5°	11.7	10.2	9.2	8.1	7.1	6.0	4.9	3.8	2.9	2.1	1.4
-80°	7.7	6.9	6.2	5.5	4.8	4.0	3.3	2.5	1.9	1.5	1.0
-82.5°	4.7	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	1.0	0.8
-85°	2.6	2.4	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.7	0.6
-87.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P622907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7040

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	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
80°	0.3	0.2	0.2	0.2	0.2	0.1	0.0
77.5°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
75°	0.4	0.3	0.3	0.2	0.2	0.1	0.0
72.5°	0.5	0.4	0.3	0.3	0.2	0.2	0.0
70°	0.8	0.5	0.4	0.3	0.2	0.2	0.0
67.5°	1.1	0.7	0.4	0.3	0.3	0.2	0.0
65°	1.6	0.9	0.5	0.4	0.3	0.2	0.0
62.5°	2.3	1.3	0.6	0.4	0.3	0.2	0.0
60°	3.3	1.7	0.8	0.4	0.3	0.2	0.0
57.5°	4.4	2.2	1.0	0.5	0.3	0.2	0.0
55°	5.5	2.9	1.3	0.6	0.4	0.2	0.0
52.5°	6.7	3.8	1.6	0.7	0.4	0.2	0.0
50°	8.1	4.6	2.1	0.8	0.4	0.3	0.0
47.5°	9.5	5.5	2.5	0.9	0.4	0.3	0.0
45°	11.8	6.3	2.9	1.1	0.4	0.3	0.0
42.5°	14.0	7.2	3.5	1.2	0.4	0.3	0.0
40°	17.8	8.1	4.1	1.4	0.5	0.3	0.0
37.5°	21.8	9.1	4.7	1.6	0.5	0.3	0.0
35°	27.8	10.5	5.2	1.8	0.5	0.3	0.0
32.5°	34.6	12.3	5.7	2.1	0.6	0.3	0.0
30°	40.9	14.0	6.2	2.3	0.6	0.3	0.0
27.5°	46.8	16.1	6.6	2.6	0.7	0.3	0.0
25°	52.3	19.1	7.1	2.8	0.7	0.3	0.0
22.5°	57.3	22.1	7.5	3.0	0.7	0.3	0.0
20°	61.9	25.0	8.0	3.2	0.8	0.3	0.0
17.5°	66.1	27.8	8.3	3.4	0.8	0.3	0.0
15°	69.8	30.6	8.7	3.6	0.8	0.3	0.0
12.5°	73.1	33.3	8.9	3.8	0.8	0.3	0.0
10°	75.8	35.7	9.2	3.9	0.9	0.3	0.0
7.5°	78.1	37.6	9.3	4.1	0.9	0.3	0.0
5°	79.9	39.1	9.5	4.2	0.9	0.3	0.0
2.5°	81.1	40.3	9.6	4.2	0.9	0.3	0.0
0°	81.9	41.0	9.6	4.2	0.9	0.3	0.0
-2.5°	82.2	41.2	10.0	4.3	0.9	0.4	0.0
-5°	82.0	41.1	10.4	4.3	0.9	0.4	0.0
-7.5°	81.2	40.5	10.7	4.3	0.9	0.4	0.0
-10°	79.9	39.5	11.0	4.2	0.9	0.4	0.0
-12.5°	78.1	38.2	11.1	4.1	0.9	0.4	0.0
-15°	75.8	36.5	11.1	4.0	0.9	0.4	0.0
-17.5°	72.9	34.6	11.1	3.9	0.9	0.4	0.0
-20°	69.4	32.5	10.9	3.7	0.9	0.4	0.0

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CATALOG NUMBER: LSF25-XX-PC-15W-7040

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	65.9	30.2	10.5	3.6	0.9	0.4	0.0
-25°	62.1	27.6	10.0	3.4	0.9	0.4	0.0
-27.5°	57.9	24.9	9.4	3.2	0.8	0.3	0.0
-30°	53.4	22.9	8.7	3.0	0.8	0.3	0.0
-32.5°	48.5	21.1	7.8	2.8	0.8	0.3	0.0
-35°	43.2	19.1	6.8	2.5	0.7	0.3	0.0
-37.5°	38.1	17.1	5.9	2.3	0.7	0.3	0.0
-40°	33.7	15.5	5.4	2.1	0.7	0.3	0.0
-42.5°	29.2	13.5	4.9	1.9	0.6	0.3	0.0
-45°	25.8	11.4	4.3	1.7	0.6	0.3	0.0
-47.5°	22.1	9.0	3.9	1.5	0.6	0.3	0.0
-50°	18.7	6.5	3.4	1.3	0.6	0.3	0.0
-52.5°	15.0	5.7	2.9	1.2	0.5	0.3	0.0
-55°	11.1	4.9	2.5	1.0	0.5	0.3	0.0
-57.5°	6.9	4.2	2.1	0.9	0.5	0.3	0.0
-60°	5.9	3.5	1.7	0.8	0.5	0.3	0.0
-62.5°	4.9	2.8	1.5	0.7	0.4	0.2	0.0
-65°	3.9	2.3	1.2	0.7	0.4	0.2	0.0
-67.5°	3.1	1.8	1.0	0.6	0.4	0.2	0.0
-70°	2.3	1.4	0.9	0.5	0.4	0.2	0.0
-72.5°	1.8	1.1	0.7	0.5	0.3	0.2	0.0
-75°	1.3	0.9	0.6	0.4	0.3	0.2	0.0
-77.5°	1.0	0.7	0.5	0.4	0.3	0.1	0.0
-80°	0.8	0.6	0.5	0.3	0.2	0.1	0.0
-82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.5	0.4	0.3	0.2	0.1	0.1	0.0
-87.5°	0.3	0.2	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)