

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1440292

Luminaire Tested: XSF60-KNYK-6Hx6V-830-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440292
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-830-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT 80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7361.7 lumens
Efficiency: N/A
Efficacy: 156.6 lumens/watt
Luminous Opening: Rectangular (W 0.3' x L: 0.3' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

Input Watts (W): 47
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: 28.75 FT

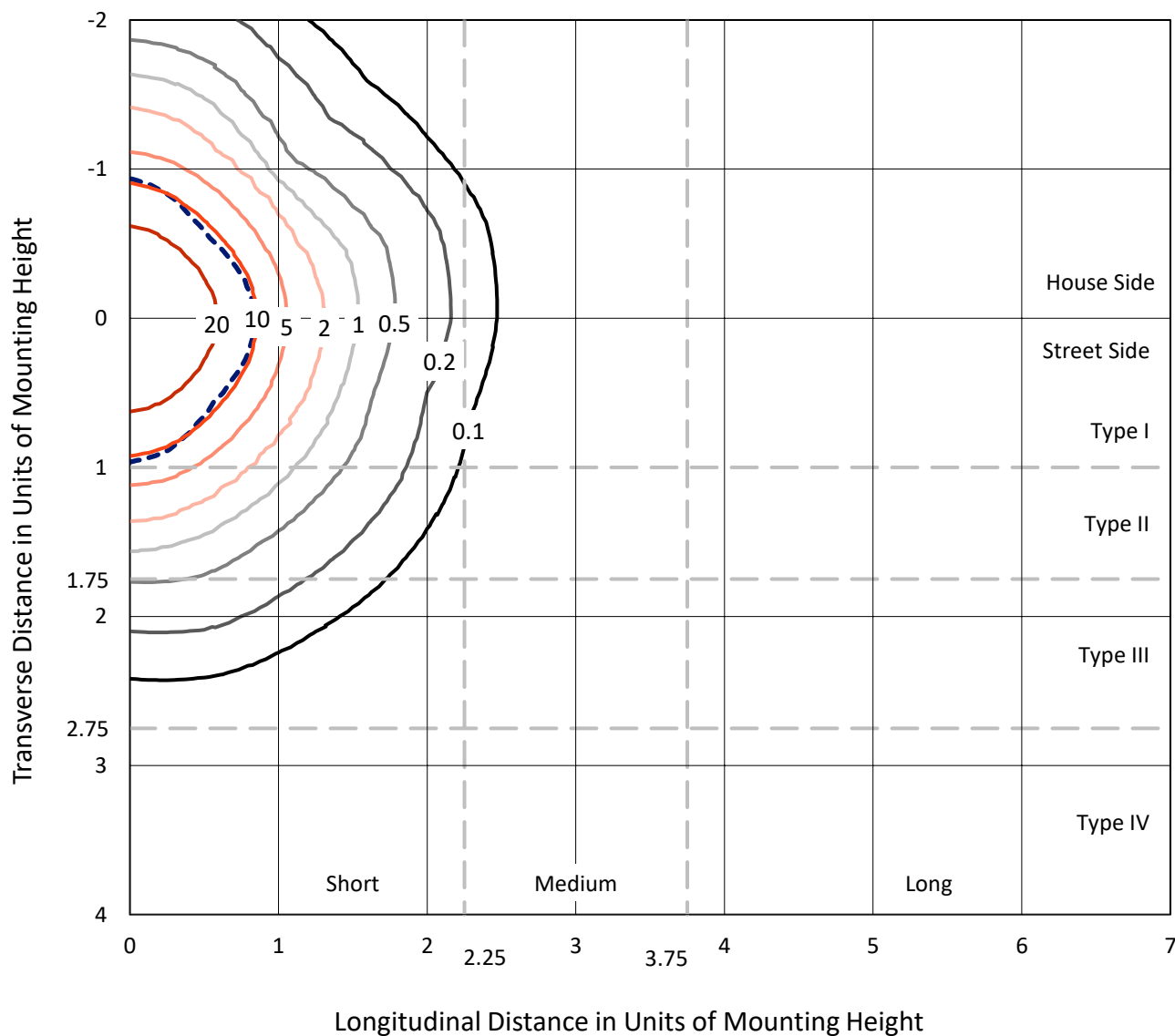
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



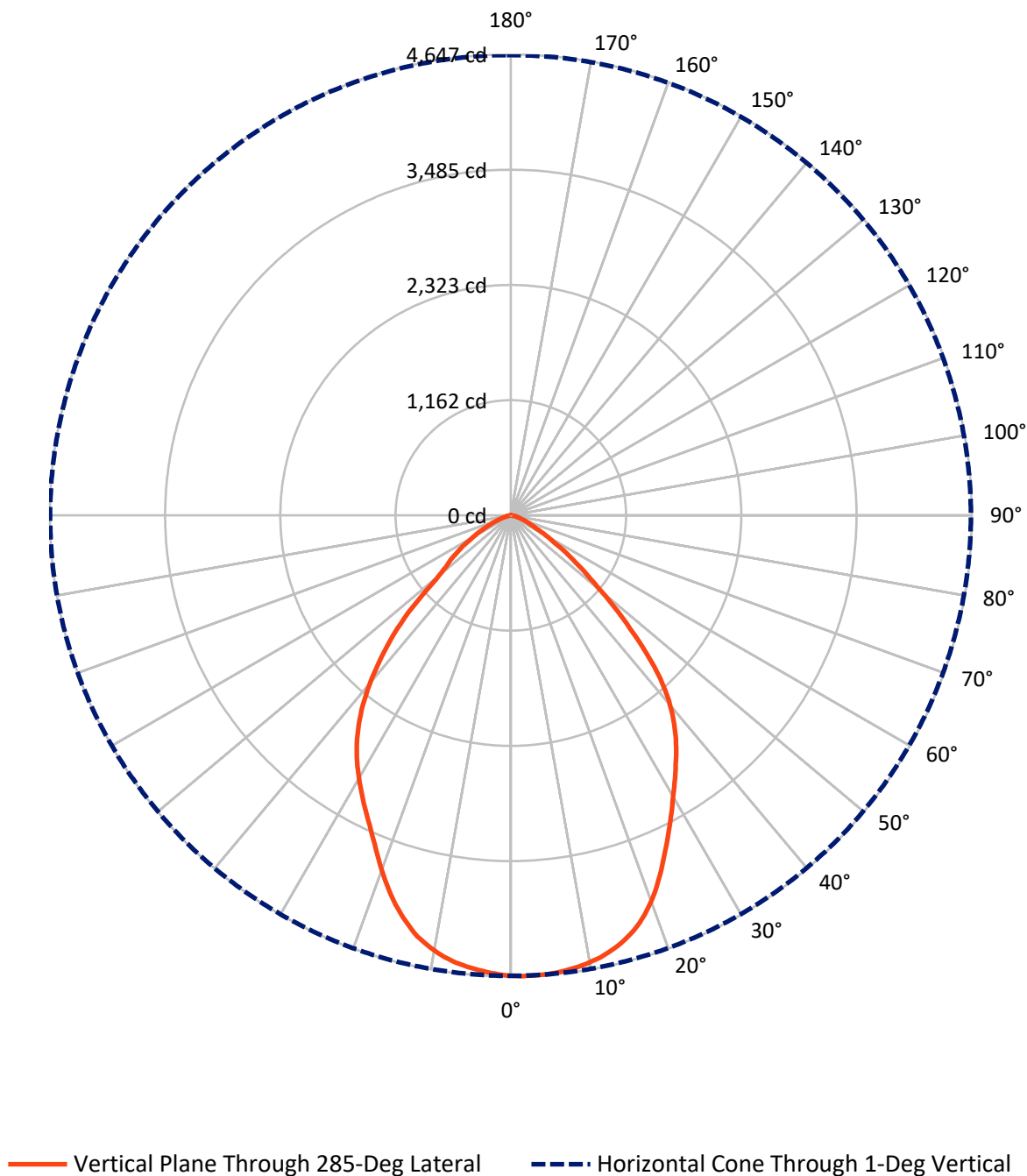
Based on 10 foot mounting height. Maximum calculated value = 46.4 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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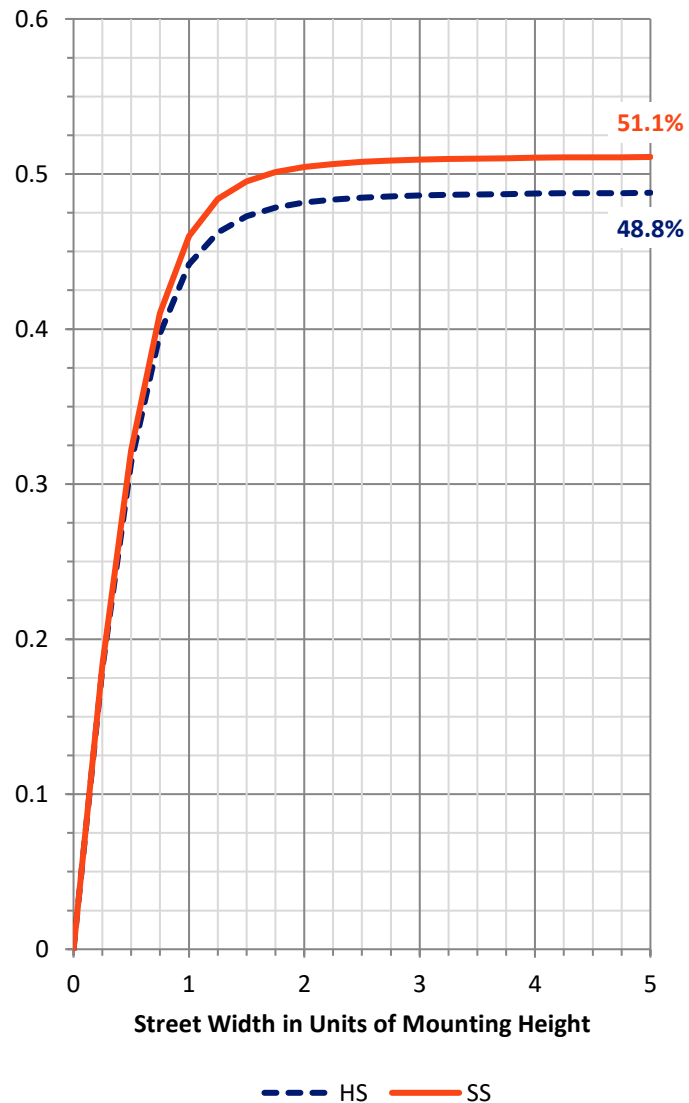
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3614.3	0.0	3614.3
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	3747.4	0.0	3747.4
	% Fixture	50.9	0.0	50.9
Total	Lumens	7361.7	0.0	7361.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.5	5.9
10°-20°	1213.3	16.5
20°-30°	1640.1	22.3
30°-40°	1746.0	23.7
40°-50°	1360.2	18.5
50°-60°	626.1	8.5
60°-70°	251.2	3.4
70°-80°	78.1	1.1
80°-90°	9.3	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7361.7	100.0
0°-180°	7361.7	100.0

Coefficient of Utilization



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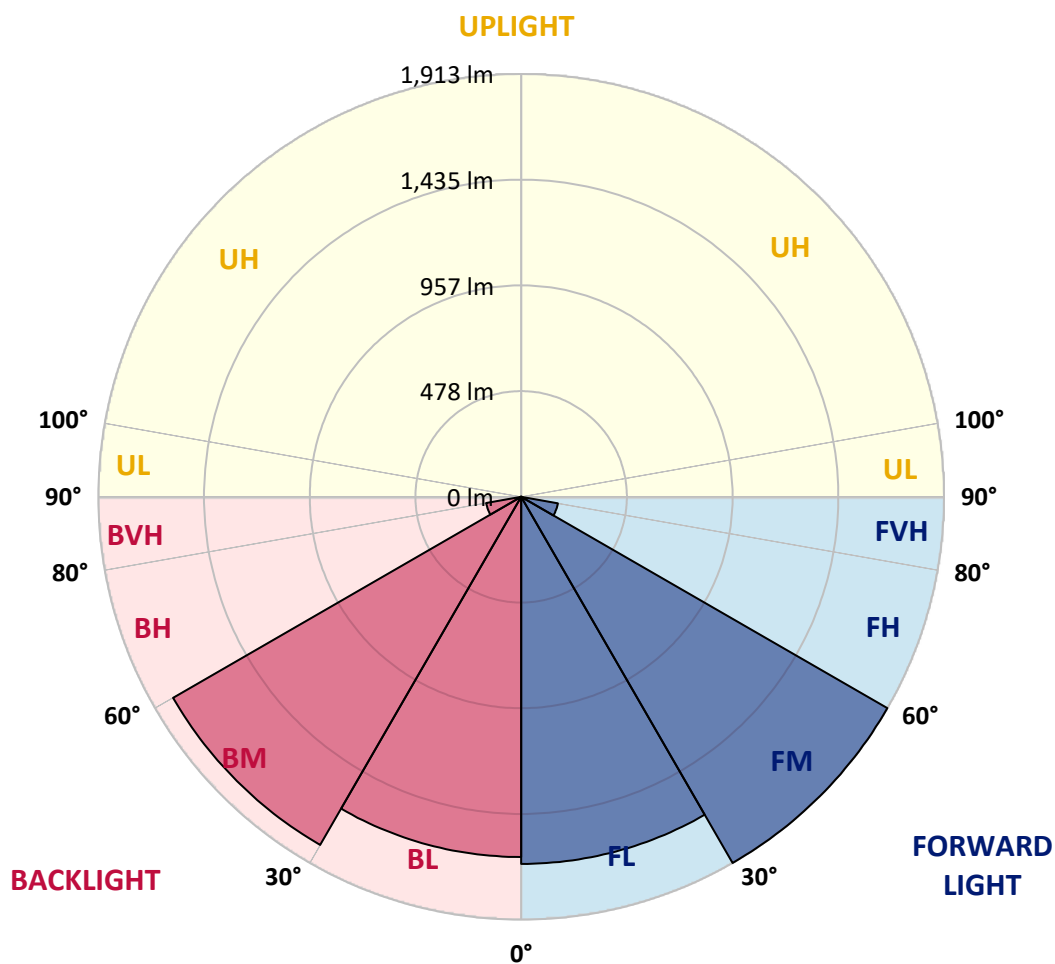
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1661.1	22.6			
FM	(30°-60°)	1913.3	26.0			
FH	(60°-80°)	168.5	2.3			G0/660
FVH	(80°-90°)	4.5	0.1			G0/10
BL	(0°-30°)	1629.8	22.1	B3/2500		
BM	(30°-60°)	1819.0	24.7	B2/2500		
BH	(60°-80°)	160.8	2.2	B1/500		G0/660
BVH	(80°-90°)	4.8	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3
1°	4641.2	4641.0	4640.4	4639.9	4637.2	4637.4	4638.1	4637.4	4638.6	4638.2	4639.5
2°	4640.2	4638.0	4635.4	4634.9	4633.8	4630.6	4629.8	4627.2	4629.1	4631.7	4633.0
3°	4637.2	4634.0	4630.6	4627.1	4623.5	4621.0	4616.6	4617.6	4619.0	4621.9	4624.2
4°	4630.4	4625.7	4620.8	4616.7	4611.9	4607.4	4604.7	4602.3	4605.2	4608.5	4610.7
5°	4621.5	4614.6	4610.0	4601.9	4595.9	4591.7	4587.9	4586.9	4587.9	4590.7	4595.7
6°	4609.6	4602.0	4592.3	4585.4	4578.6	4574.1	4571.0	4570.9	4569.9	4572.1	4579.7
7°	4594.2	4586.5	4577.2	4567.3	4559.6	4554.2	4553.6	4552.1	4552.0	4554.3	4561.7
8°	4581.7	4570.8	4558.8	4548.8	4538.1	4531.8	4530.9	4529.7	4531.3	4534.9	4542.5
9°	4565.7	4551.9	4539.0	4527.8	4514.4	4507.4	4502.7	4502.6	4504.2	4509.1	4520.2
10°	4546.4	4531.6	4516.2	4501.8	4487.4	4477.8	4470.3	4471.0	4475.5	4480.7	4490.5
11°	4523.9	4505.7	4487.6	4471.1	4456.9	4444.7	4434.8	4433.7	4439.3	4448.5	4459.4
12°	4495.4	4475.9	4456.5	4436.5	4421.3	4405.5	4394.3	4390.9	4399.0	4409.7	4423.4
13°	4463.6	4443.0	4421.6	4398.8	4378.3	4361.1	4347.0	4346.9	4353.5	4366.1	4380.6
14°	4428.4	4404.3	4380.2	4355.9	4332.6	4310.8	4292.0	4290.8	4299.6	4316.0	4329.9
15°	4386.9	4360.1	4333.7	4308.0	4280.1	4253.0	4230.7	4227.7	4239.3	4259.6	4273.1
16°	4337.4	4307.2	4278.5	4253.2	4219.8	4190.0	4163.9	4161.6	4173.3	4194.0	4209.1
17°	4280.3	4251.0	4217.3	4190.8	4151.7	4119.3	4091.6	4090.3	4101.3	4121.4	4139.7
18°	4219.1	4186.4	4152.4	4119.2	4076.6	4045.0	4013.3	4012.6	4024.3	4043.5	4063.6
19°	4151.9	4115.9	4082.9	4043.5	3998.8	3965.1	3933.2	3931.2	3940.9	3960.8	3984.3
20°	4081.6	4045.3	4006.2	3959.2	3914.8	3880.3	3851.5	3846.3	3853.3	3871.4	3900.6
21°	4010.0	3969.8	3928.8	3872.6	3825.6	3794.6	3769.5	3760.3	3758.6	3778.3	3807.2
22°	3935.4	3889.1	3840.5	3779.3	3731.1	3708.0	3685.2	3671.7	3665.1	3683.6	3714.3
23°	3855.1	3803.3	3747.4	3681.5	3635.4	3622.9	3606.4	3587.5	3569.4	3580.9	3615.9
24°	3774.9	3720.8	3654.6	3583.6	3541.3	3541.9	3534.5	3508.3	3478.2	3479.6	3525.7
25°	3700.0	3644.6	3566.1	3487.9	3450.0	3465.9	3468.9	3432.2	3387.5	3380.1	3437.2
26°	3632.1	3572.5	3479.2	3392.8	3359.7	3393.4	3405.1	3361.9	3301.4	3288.3	3350.0
27°	3568.0	3503.5	3395.7	3299.0	3274.5	3323.6	3341.9	3294.0	3219.5	3195.0	3264.1
28°	3505.6	3434.5	3311.4	3208.3	3193.1	3255.2	3280.1	3227.7	3137.4	3105.5	3182.2
29°	3449.5	3367.9	3232.9	3121.1	3111.5	3188.2	3219.5	3160.9	3058.3	3017.3	3100.5
30°	3397.3	3304.6	3153.4	3034.1	3029.5	3121.8	3159.9	3095.0	2980.9	2931.2	3020.5
31°	3343.0	3241.2	3075.1	2949.9	2951.7	3055.2	3097.4	3027.6	2908.4	2851.0	2943.8
32°	3290.3	3180.8	2998.2	2869.7	2874.9	2989.6	3032.4	2959.3	2837.2	2770.9	2869.5
33°	3241.4	3123.8	2922.3	2789.1	2800.1	2918.7	2965.1	2888.7	2765.0	2693.3	2796.2
34°	3192.6	3068.1	2850.0	2709.5	2722.2	2847.5	2893.4	2814.0	2691.2	2615.0	2722.7
35°	3142.5	3012.7	2776.9	2626.9	2641.4	2770.0	2816.9	2733.5	2610.3	2534.8	2646.9
36°	3091.9	2954.8	2704.1	2540.5	2562.2	2688.8	2732.0	2649.8	2521.1	2449.1	2566.4
37°	3037.3	2891.0	2628.5	2455.7	2480.6	2605.5	2643.2	2562.4	2426.9	2353.1	2479.2
38°	2975.9	2815.9	2552.1	2374.8	2396.6	2514.1	2550.0	2469.5	2325.6	2250.1	2383.5
39°	2901.4	2731.3	2468.7	2287.8	2306.6	2417.4	2451.2	2368.2	2221.9	2144.8	2284.9
40°	2809.6	2639.7	2372.7	2193.6	2209.4	2309.2	2346.7	2262.0	2115.7	2038.9	2177.3
41°	2710.8	2538.9	2265.4	2092.0	2106.3	2194.6	2229.1	2154.8	2004.6	1930.7	2064.5
42°	2594.0	2426.5	2150.7	1984.4	1995.0	2068.0	2102.1	2035.8	1885.2	1818.0	1946.3
43°	2464.8	2304.3	2032.6	1871.1	1882.3	1935.0	1974.1	1920.3	1764.1	1699.6	1827.7
44°	2329.7	2169.3	1913.1	1756.2	1766.1	1804.7	1848.8	1801.7	1648.1	1595.4	1717.0

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2177.1	2031.2	1789.3	1640.6	1652.5	1682.6	1727.2	1690.6	1532.2	1491.1	1614.1
46°	2021.2	1892.7	1665.5	1529.5	1542.5	1562.2	1595.2	1556.1	1415.5	1386.9	1511.2
47°	1868.6	1758.7	1543.2	1420.7	1418.5	1425.6	1463.3	1421.3	1263.2	1278.0	1407.3
48°	1723.4	1627.2	1414.1	1294.1	1286.5	1298.1	1331.4	1270.4	1113.1	1142.9	1267.7
49°	1570.2	1482.3	1262.0	1154.7	1156.5	1174.8	1206.3	1118.4	978.9	1007.4	1113.0
50°	1427.1	1328.8	1108.3	1005.0	1034.8	1054.0	1100.3	991.0	836.2	836.4	974.7
51°	1317.4	1168.6	980.6	881.0	929.6	963.9	1017.1	904.7	730.4	702.3	841.3
52°	1190.0	1020.6	880.3	791.1	837.6	883.3	942.4	840.3	655.8	596.3	751.2
53°	1017.5	928.4	784.4	739.6	754.2	798.1	875.1	789.9	592.5	514.2	698.4
54°	926.4	858.3	721.7	688.5	695.8	726.6	797.1	751.6	540.5	435.3	640.7
55°	845.3	761.7	659.6	637.4	637.4	655.2	730.2	702.0	493.0	368.8	572.5
56°	746.9	690.1	597.5	579.4	579.0	583.8	672.0	652.9	448.9	314.5	501.2
57°	656.9	619.4	540.6	531.0	545.0	534.0	612.1	603.2	415.4	282.6	443.7
58°	567.1	548.7	491.2	485.5	495.8	475.2	553.8	568.3	381.9	260.7	392.6
59°	504.0	503.4	449.4	440.6	457.3	426.2	501.8	512.7	338.8	242.2	352.5
60°	444.4	473.4	411.4	399.5	417.0	365.3	460.0	457.4	307.5	225.2	317.9
61°	389.1	428.7	369.1	363.4	374.3	314.2	413.0	421.9	289.8	210.4	286.9
62°	341.8	377.3	331.1	329.6	334.7	287.6	371.6	388.5	265.6	197.1	259.9
63°	303.4	332.0	297.2	298.2	302.3	265.0	339.3	353.8	241.4	184.7	236.6
64°	265.7	299.4	269.3	271.6	274.8	238.5	304.9	314.6	219.3	172.8	215.9
65°	235.0	267.3	245.4	248.0	248.3	214.8	272.3	279.3	199.3	160.8	195.7
66°	210.1	238.2	221.7	225.6	224.0	194.4	240.8	246.4	181.6	149.0	178.3
67°	188.2	212.2	199.5	203.9	200.8	176.4	211.2	215.9	163.9	137.6	160.8
68°	168.6	187.5	178.7	182.0	178.4	159.6	187.3	192.3	146.2	127.0	143.3
69°	150.1	164.4	158.2	160.4	157.8	143.1	163.4	168.7	132.6	116.6	128.3
70°	133.3	143.5	138.4	141.0	139.6	128.0	139.7	145.3	120.5	106.8	115.2
71°	118.0	125.8	121.1	123.1	123.4	114.5	123.3	129.2	109.3	97.4	102.3
72°	103.9	110.2	105.5	108.5	108.7	102.2	108.7	114.2	98.2	87.9	90.5
73°	90.3	95.4	91.2	95.3	95.7	90.6	95.5	99.9	87.7	78.7	79.5
74°	78.4	82.3	78.5	83.5	83.5	79.9	82.9	87.1	77.6	69.9	69.5
75°	68.0	71.1	67.7	72.8	73.1	70.1	71.5	74.6	67.9	61.3	59.5
76°	57.7	59.8	56.9	61.9	62.3	60.2	60.8	63.2	58.7	53.4	50.0
77°	47.4	48.5	46.0	51.0	51.6	50.3	51.6	53.8	50.4	45.7	42.0
78°	38.4	38.6	37.9	42.0	43.5	42.6	43.8	45.3	42.6	38.1	35.0
79°	29.5	30.5	30.9	34.6	36.0	35.3	36.2	37.4	35.5	31.4	29.0
80°	22.4	23.5	24.4	28.2	28.7	28.7	28.9	30.7	29.1	25.9	23.8
81°	16.8	17.7	18.5	22.6	23.6	23.6	23.5	24.9	23.1	21.0	19.3
82°	12.5	13.9	14.6	17.2	18.4	18.9	19.0	20.0	18.4	16.1	14.8
83°	8.9	9.6	9.9	11.9	12.9	13.9	14.5	15.0	13.7	11.3	10.3
84°	5.7	6.7	6.9	7.2	8.6	9.6	10.1	10.1	9.0	7.7	7.0
85°	2.6	3.8	4.0	4.5	5.5	6.8	6.5	6.5	5.9	4.8	4.4
86°	0.8	0.9	1.2	1.8	2.5	4.0	3.6	3.6	3.2	2.6	2.4
87°	0.3	0.3	0.3	0.5	0.8	1.3	1.3	1.4	1.3	1.1	1.1
88°	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.5
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440292
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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3	4642.3
1°	4640.4	4640.9	4642.2	4643.0	4642.8	4644.2	4642.8	4644.6	4646.5	4643.8	4643.8
2°	4636.6	4636.7	4638.2	4639.8	4641.8	4642.5	4643.1	4644.7	4643.4	4643.4	4642.9
3°	4627.6	4629.4	4632.4	4636.7	4639.6	4639.3	4642.8	4645.2	4641.4	4642.1	4641.2
4°	4614.6	4618.2	4621.8	4628.0	4632.1	4634.6	4637.8	4639.0	4639.8	4638.0	4639.8
5°	4600.1	4606.3	4613.0	4617.7	4623.2	4627.4	4631.8	4636.4	4634.6	4634.8	4636.2
6°	4585.9	4591.9	4599.0	4604.7	4612.7	4617.0	4621.4	4624.0	4624.8	4627.8	4629.1
7°	4569.6	4578.4	4586.4	4591.5	4598.3	4602.8	4607.3	4611.4	4613.1	4614.9	4616.6
8°	4551.7	4561.2	4569.2	4576.1	4584.1	4588.2	4592.0	4597.3	4599.9	4602.4	4600.6
9°	4528.5	4539.4	4549.5	4556.8	4565.7	4570.6	4574.3	4580.0	4584.3	4585.1	4583.2
10°	4501.5	4512.9	4524.1	4533.5	4544.6	4549.7	4555.5	4562.4	4564.4	4567.4	4567.2
11°	4470.0	4480.3	4491.4	4505.4	4519.1	4527.7	4533.9	4541.3	4545.7	4546.5	4548.5
12°	4434.4	4443.3	4458.3	4472.5	4485.8	4500.2	4508.4	4513.0	4517.0	4522.1	4524.6
13°	4390.3	4402.9	4418.1	4436.7	4451.0	4467.1	4473.1	4480.2	4486.0	4492.5	4496.4
14°	4340.3	4356.0	4371.5	4393.7	4412.1	4424.6	4434.7	4442.9	4451.2	4460.5	4465.9
15°	4283.9	4300.4	4318.7	4344.8	4368.0	4381.4	4388.6	4399.7	4409.3	4421.8	4429.3
16°	4222.6	4238.7	4260.0	4288.1	4314.7	4327.6	4337.4	4349.5	4363.6	4379.0	4385.7
17°	4154.5	4172.4	4195.9	4226.3	4254.1	4265.7	4278.6	4291.7	4309.0	4327.8	4339.0
18°	4081.2	4103.2	4129.4	4159.3	4184.7	4198.0	4209.1	4225.5	4246.2	4272.4	4284.0
19°	4004.6	4030.0	4057.8	4087.4	4108.8	4121.7	4132.6	4151.8	4176.1	4206.0	4220.6
20°	3921.4	3947.8	3978.8	4009.4	4025.1	4036.8	4049.7	4071.1	4099.9	4132.6	4152.2
21°	3832.9	3861.0	3891.8	3924.9	3938.0	3945.2	3957.9	3986.3	4016.8	4051.0	4075.6
22°	3749.6	3784.5	3811.5	3833.8	3841.8	3845.0	3865.2	3895.0	3925.6	3963.0	3992.4
23°	3668.2	3714.8	3739.6	3746.2	3741.6	3740.7	3766.0	3802.8	3835.0	3868.4	3901.5
24°	3592.8	3650.3	3672.6	3663.2	3636.5	3632.6	3666.1	3711.2	3743.4	3769.8	3802.2
25°	3527.6	3593.4	3608.3	3579.1	3532.4	3526.4	3565.3	3617.0	3653.9	3669.9	3701.7
26°	3462.3	3538.2	3548.5	3496.4	3428.9	3424.3	3469.2	3531.3	3565.6	3571.7	3602.2
27°	3397.4	3486.9	3488.3	3416.1	3329.0	3323.6	3379.8	3446.7	3479.4	3475.2	3499.9
28°	3332.2	3436.4	3429.6	3336.0	3235.5	3228.0	3294.5	3370.9	3396.8	3380.1	3396.1
29°	3270.2	3385.4	3370.6	3256.6	3143.8	3134.5	3211.1	3295.0	3313.6	3288.5	3297.7
30°	3212.1	3334.4	3312.4	3175.3	3052.3	3044.6	3133.1	3220.1	3235.5	3197.8	3197.7
31°	3152.9	3283.3	3254.8	3095.5	2963.5	2957.9	3056.8	3149.4	3161.0	3108.6	3102.5
32°	3095.2	3232.5	3199.3	3016.6	2877.7	2875.8	2982.0	3079.2	3087.5	3019.7	3009.2
33°	3036.7	3182.5	3141.0	2939.8	2795.1	2798.9	2907.8	3012.3	3013.0	2931.4	2920.3
34°	2976.5	3134.7	3080.0	2865.0	2713.8	2723.1	2835.9	2944.3	2943.1	2844.7	2831.0
35°	2913.7	3086.5	3017.6	2788.3	2633.1	2646.1	2761.0	2873.8	2871.3	2757.5	2742.7
36°	2847.6	3032.1	2950.0	2706.6	2551.2	2568.6	2684.0	2802.8	2796.3	2671.6	2655.8
37°	2774.1	2966.5	2875.5	2625.1	2467.1	2487.2	2608.3	2730.3	2717.4	2586.3	2570.1
38°	2688.8	2888.5	2792.9	2536.5	2379.0	2400.9	2530.5	2653.7	2633.8	2498.0	2484.7
39°	2592.5	2800.1	2699.1	2440.0	2286.8	2308.4	2447.2	2572.9	2546.4	2406.7	2395.1
40°	2484.4	2698.4	2592.8	2335.2	2185.6	2209.4	2354.6	2481.2	2452.1	2313.1	2304.8
41°	2368.3	2586.6	2471.9	2223.5	2079.5	2105.6	2253.1	2375.8	2345.4	2212.2	2207.8
42°	2242.6	2462.7	2338.1	2100.3	1968.3	1996.7	2143.3	2260.2	2227.5	2106.1	2102.7
43°	2113.4	2329.5	2198.6	1968.8	1851.1	1884.4	2025.2	2132.9	2096.8	1994.6	1987.4
44°	1989.9	2200.0	2060.7	1835.4	1726.0	1765.0	1904.9	2000.6	1955.3	1874.2	1870.2

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1866.6	2071.5	1922.2	1704.1	1611.1	1642.7	1779.5	1867.8	1809.7	1749.0	1751.6
46°	1750.9	1949.2	1795.3	1584.3	1496.0	1520.5	1659.3	1737.9	1660.6	1619.9	1634.3
47°	1615.4	1804.8	1653.5	1464.5	1381.0	1398.1	1539.1	1620.3	1530.9	1494.8	1521.3
48°	1479.9	1685.4	1511.8	1343.5	1257.8	1265.0	1418.5	1490.2	1396.2	1378.4	1411.6
49°	1344.6	1566.0	1370.7	1182.0	1095.8	1102.9	1268.7	1358.7	1258.0	1253.7	1278.6
50°	1229.4	1446.7	1258.1	1043.7	925.2	958.6	1111.7	1219.2	1130.4	1122.2	1128.0
51°	1124.5	1330.7	1179.2	930.0	771.5	835.8	974.1	1092.6	1026.9	989.4	975.4
52°	1043.9	1213.4	1085.0	808.6	633.5	706.6	869.3	995.6	938.7	872.2	849.1
53°	999.2	1150.4	1038.5	752.1	557.9	624.7	804.8	927.5	855.5	780.1	763.0
54°	939.7	1089.5	986.5	687.6	480.0	567.5	760.9	845.0	773.0	721.8	706.3
55°	877.0	1010.3	900.1	615.2	403.5	516.9	727.5	770.0	701.7	663.6	650.3
56°	785.8	919.3	807.1	547.3	341.6	475.5	689.7	707.7	630.8	605.3	594.3
57°	700.0	821.6	723.7	482.8	302.4	443.9	638.7	645.7	559.8	565.4	544.1
58°	638.9	740.0	649.4	425.9	278.3	415.1	589.4	583.6	488.5	508.1	500.9
59°	572.8	674.5	581.8	382.8	257.3	372.9	558.5	535.4	453.1	459.7	460.3
60°	501.9	602.4	513.6	352.9	239.5	330.5	505.9	486.7	403.4	431.9	422.5
61°	445.1	528.6	452.5	313.5	223.4	299.1	448.4	433.5	345.4	392.3	386.0
62°	396.0	463.5	394.7	276.0	208.9	276.6	405.8	395.4	305.6	352.1	352.3
63°	349.4	404.7	348.7	245.9	195.7	253.1	373.2	362.7	271.6	312.7	321.4
64°	315.8	355.3	309.5	221.2	183.2	231.9	335.0	326.8	242.5	281.3	290.9
65°	282.8	310.8	276.2	199.6	170.7	211.0	298.9	292.5	219.9	255.6	263.0
66°	251.3	273.9	245.0	182.1	158.2	193.1	266.3	260.5	199.8	231.6	238.3
67°	222.7	239.2	218.4	164.6	146.5	175.1	235.7	231.0	182.3	208.7	215.3
68°	196.6	207.4	194.2	147.1	134.8	157.2	208.3	203.2	165.5	186.9	192.1
69°	170.5	180.0	169.9	132.3	124.3	143.1	186.2	178.1	149.6	166.1	169.1
70°	144.5	152.9	145.7	118.4	114.2	129.4	164.1	155.1	134.5	146.8	147.7
71°	124.1	132.6	126.6	105.3	104.4	116.6	142.0	135.7	119.9	128.7	128.9
72°	106.2	114.0	109.8	93.6	94.6	105.1	125.6	119.2	107.2	113.2	112.9
73°	90.9	96.8	94.6	82.7	84.8	94.4	110.9	104.2	95.4	99.6	99.2
74°	76.5	81.6	80.6	72.6	75.4	84.0	96.9	90.8	84.6	87.3	86.8
75°	64.2	68.4	67.6	62.8	66.3	73.9	83.6	78.5	73.7	75.9	75.3
76°	53.7	56.9	56.6	53.2	57.9	64.3	70.7	68.2	64.1	66.1	65.0
77°	44.8	47.4	47.3	44.8	49.8	55.0	59.7	57.9	54.6	56.4	54.7
78°	36.9	39.3	39.1	37.7	41.9	46.4	50.3	47.6	46.0	46.6	44.4
79°	30.1	31.9	31.9	31.5	34.9	39.2	42.2	40.1	39.1	39.2	37.0
80°	24.2	25.5	25.7	25.8	28.8	32.6	34.9	32.3	32.1	32.0	30.4
81°	19.7	20.9	21.0	21.1	23.3	26.2	28.4	25.7	25.6	25.6	24.5
82°	15.2	16.3	16.2	16.5	18.8	21.1	22.6	20.8	20.7	20.2	18.7
83°	10.8	11.7	11.5	11.8	14.2	16.0	17.7	16.2	15.6	15.0	13.3
84°	7.3	8.0	7.9	8.2	9.6	10.9	12.9	11.9	11.2	10.4	8.5
85°	4.6	5.0	5.0	5.2	6.2	7.4	8.1	7.9	7.3	7.4	5.5
86°	2.3	2.6	2.7	2.9	3.4	4.5	4.8	5.2	4.9	4.4	2.5
87°	1.0	1.1	1.2	1.3	1.5	2.2	2.6	2.5	2.5	1.5	0.8
88°	0.5	0.5	0.6	0.5	0.6	0.7	0.7	0.7	0.7	0.4	0.2
89°	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440292
CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4642.3	4642.3	4642.3
1°	4643.1	4642.6	4641.2
2°	4642.3	4642.0	4640.2
3°	4642.2	4640.4	4637.2
4°	4639.1	4635.9	4630.4
5°	4632.1	4628.2	4621.5
6°	4623.4	4618.0	4609.6
7°	4609.9	4603.9	4594.2
8°	4595.4	4590.4	4581.7
9°	4582.1	4574.4	4565.7
10°	4564.4	4560.6	4546.4
11°	4544.8	4537.8	4523.9
12°	4521.0	4511.4	4495.4
13°	4493.1	4482.6	4463.6
14°	4459.9	4448.8	4428.4
15°	4424.2	4411.1	4386.9
16°	4380.8	4364.6	4337.4
17°	4331.7	4312.5	4280.3
18°	4278.1	4252.6	4219.1
19°	4217.2	4189.2	4151.9
20°	4148.6	4119.8	4081.6
21°	4075.2	4049.4	4010.0
22°	3995.8	3972.9	3935.4
23°	3908.3	3891.9	3855.1
24°	3816.9	3808.5	3774.9
25°	3726.5	3722.5	3700.0
26°	3633.4	3645.5	3632.1
27°	3543.2	3574.5	3568.0
28°	3453.0	3504.7	3505.6
29°	3369.2	3437.3	3449.5
30°	3282.0	3370.9	3397.3
31°	3197.4	3305.8	3343.0
32°	3118.5	3244.8	3290.3
33°	3039.6	3185.0	3241.4
34°	2961.5	3127.0	3192.6
35°	2880.0	3069.7	3142.5
36°	2804.1	3016.1	3091.9
37°	2730.1	2957.9	3037.3
38°	2647.4	2894.5	2975.9
39°	2556.5	2817.2	2901.4
40°	2458.4	2722.3	2809.6
41°	2353.1	2618.0	2710.8
42°	2235.9	2506.4	2594.0
43°	2118.6	2386.4	2464.8
44°	1998.9	2258.6	2329.7

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1873.8	2117.0	2177.1
46°	1747.8	1973.1	2021.2
47°	1620.8	1831.3	1868.6
48°	1495.6	1692.2	1723.4
49°	1365.6	1542.1	1570.2
50°	1212.8	1387.7	1427.1
51°	1052.0	1214.5	1317.4
52°	911.6	1089.7	1190.0
53°	828.9	964.1	1017.5
54°	748.9	861.8	926.4
55°	695.0	792.5	845.3
56°	641.4	721.6	746.9
57°	587.8	650.6	656.9
58°	534.2	579.7	567.1
59°	485.3	524.7	504.0
60°	439.0	463.5	444.4
61°	400.0	409.3	389.1
62°	361.2	368.3	341.8
63°	322.5	330.0	303.4
64°	288.4	294.4	265.7
65°	258.3	262.4	235.0
66°	227.2	234.0	210.1
67°	197.8	210.0	188.2
68°	173.9	187.3	168.6
69°	152.8	166.4	150.1
70°	135.4	146.5	133.3
71°	119.0	129.2	118.0
72°	104.7	113.8	103.9
73°	91.6	98.5	90.3
74°	79.3	84.6	78.4
75°	68.8	73.3	68.0
76°	58.4	62.0	57.7
77°	47.9	50.7	47.4
78°	39.7	41.1	38.4
79°	32.9	32.4	29.5
80°	26.3	25.1	22.4
81°	20.0	18.8	16.8
82°	15.0	13.7	12.5
83°	10.7	10.1	8.9
84°	7.7	7.0	5.7
85°	4.6	4.0	2.6
86°	1.6	1.0	0.8
87°	0.4	0.3	0.3
88°	0.2	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	0.0	0.0	0.0
91°	0.0	0.0	0.0
92°	0.0	0.0	0.0
93°	0.0	0.0	0.0
94°	0.0	0.0	0.0
95°	0.0	0.0	0.0
96°	0.0	0.0	0.0
97°	0.0	0.0	0.0
98°	0.0	0.0	0.0
99°	0.0	0.0	0.0
100°	0.0	0.0	0.0
101°	0.0	0.0	0.0
102°	0.0	0.0	0.0
103°	0.0	0.0	0.0
104°	0.0	0.0	0.0
105°	0.0	0.0	0.0
106°	0.0	0.0	0.0
107°	0.0	0.0	0.0
108°	0.0	0.0	0.0
109°	0.0	0.0	0.0
110°	0.0	0.0	0.0
111°	0.0	0.0	0.0
112°	0.0	0.0	0.0
113°	0.0	0.0	0.0
114°	0.0	0.0	0.0
115°	0.0	0.0	0.0
116°	0.0	0.0	0.0
117°	0.0	0.0	0.0
118°	0.0	0.0	0.0
119°	0.0	0.0	0.0
120°	0.0	0.0	0.0
121°	0.0	0.0	0.0
122°	0.0	0.0	0.0
123°	0.0	0.0	0.0
124°	0.0	0.0	0.0
125°	0.0	0.0	0.0
126°	0.0	0.0	0.0
127°	0.0	0.0	0.0
128°	0.0	0.0	0.0
129°	0.0	0.0	0.0
130°	0.0	0.0	0.0
131°	0.0	0.0	0.0
132°	0.0	0.0	0.0
133°	0.0	0.0	0.0
134°	0.0	0.0	0.0

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	0.0	0.0	0.0
136°	0.0	0.0	0.0
137°	0.0	0.0	0.0
138°	0.0	0.0	0.0
139°	0.0	0.0	0.0
140°	0.0	0.0	0.0
141°	0.0	0.0	0.0
142°	0.0	0.0	0.0
143°	0.0	0.0	0.0
144°	0.0	0.0	0.0
145°	0.0	0.0	0.0
146°	0.0	0.0	0.0
147°	0.0	0.0	0.0
148°	0.0	0.0	0.0
149°	0.0	0.0	0.0
150°	0.0	0.0	0.0
151°	0.0	0.0	0.0
152°	0.0	0.0	0.0
153°	0.0	0.0	0.0
154°	0.0	0.0	0.0
155°	0.0	0.0	0.0
156°	0.0	0.0	0.0
157°	0.0	0.0	0.0
158°	0.0	0.0	0.0
159°	0.0	0.0	0.0
160°	0.0	0.0	0.0
161°	0.0	0.0	0.0
162°	0.0	0.0	0.0
163°	0.0	0.0	0.0
164°	0.0	0.0	0.0
165°	0.0	0.0	0.0
166°	0.0	0.0	0.0
167°	0.0	0.0	0.0
168°	0.0	0.0	0.0
169°	0.0	0.0	0.0
170°	0.0	0.0	0.0
171°	0.0	0.0	0.0
172°	0.0	0.0	0.0
173°	0.0	0.0	0.0
174°	0.0	0.0	0.0
175°	0.0	0.0	0.0
176°	0.0	0.0	0.0
177°	0.0	0.0	0.0
178°	0.0	0.0	0.0
179°	0.0	0.0	0.0

REPORT NUMBER: P1440292

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)