

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: P1440293

Luminaire Tested: XSF60-KNYK-6Hx6V-830-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440293
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-830-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT 80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5589.1 lumens
Efficiency: N/A
Efficacy: 155.3 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): 36
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

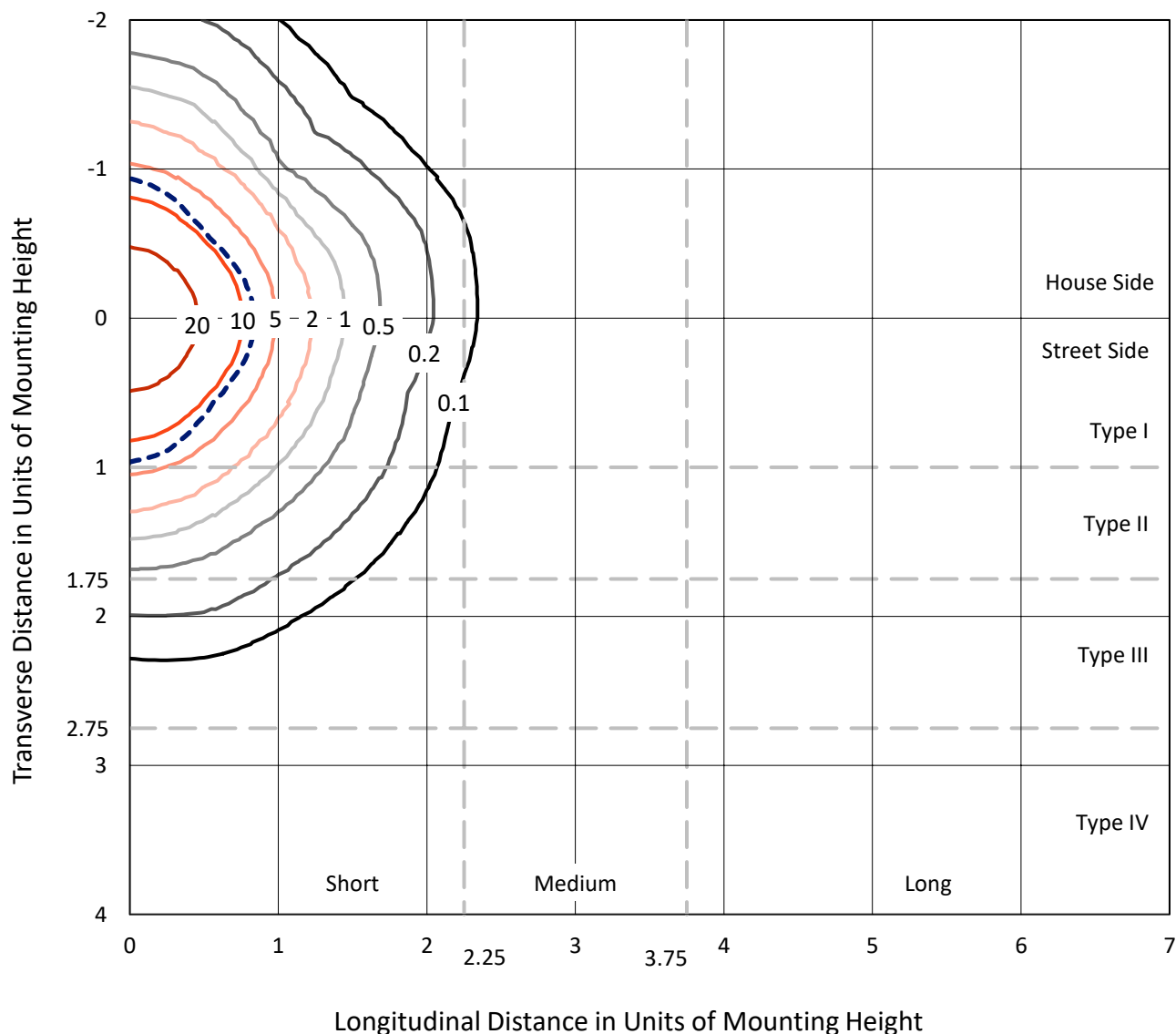
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



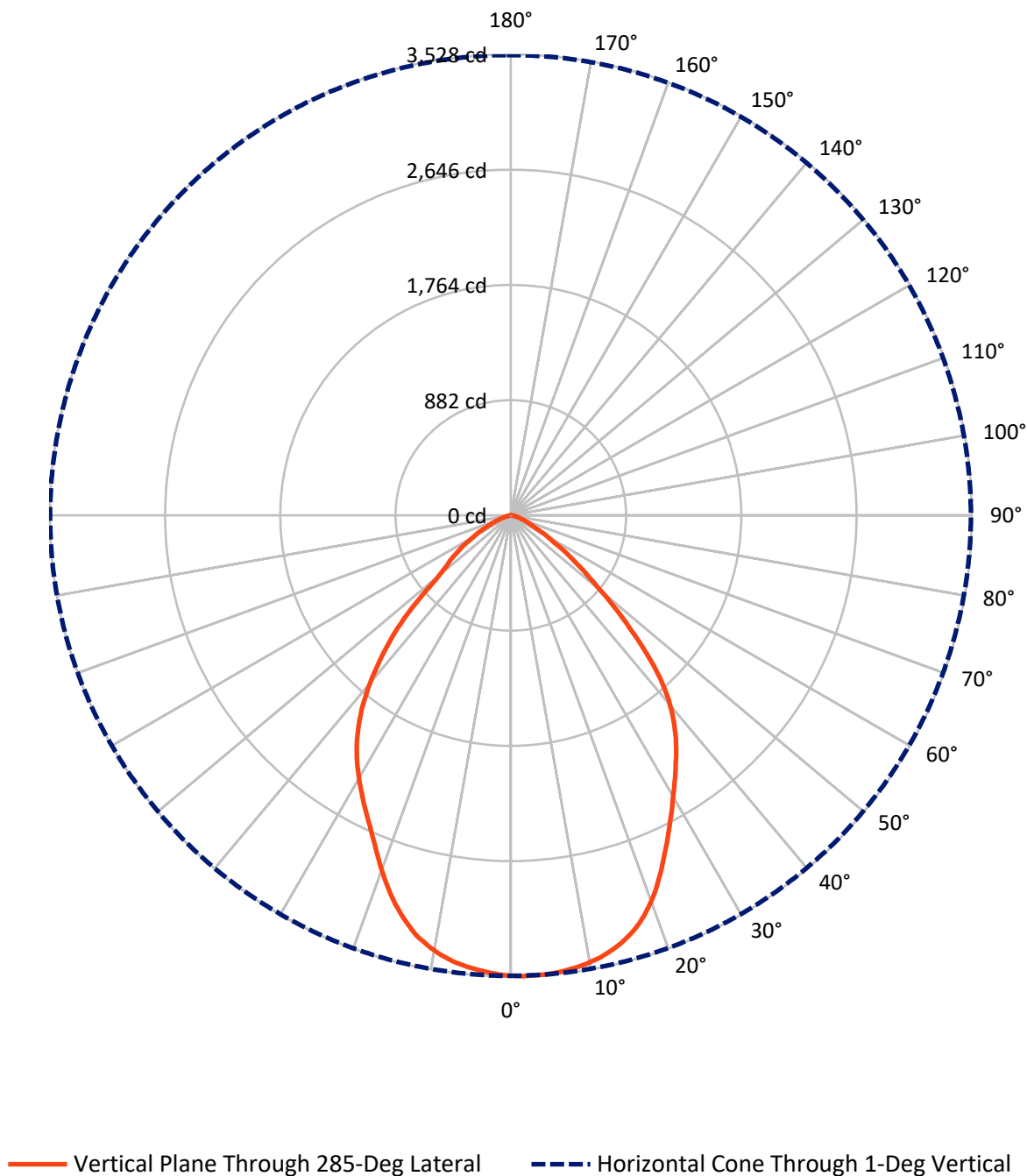
Based on 10 foot mounting height. Maximum calculated value = 35.2 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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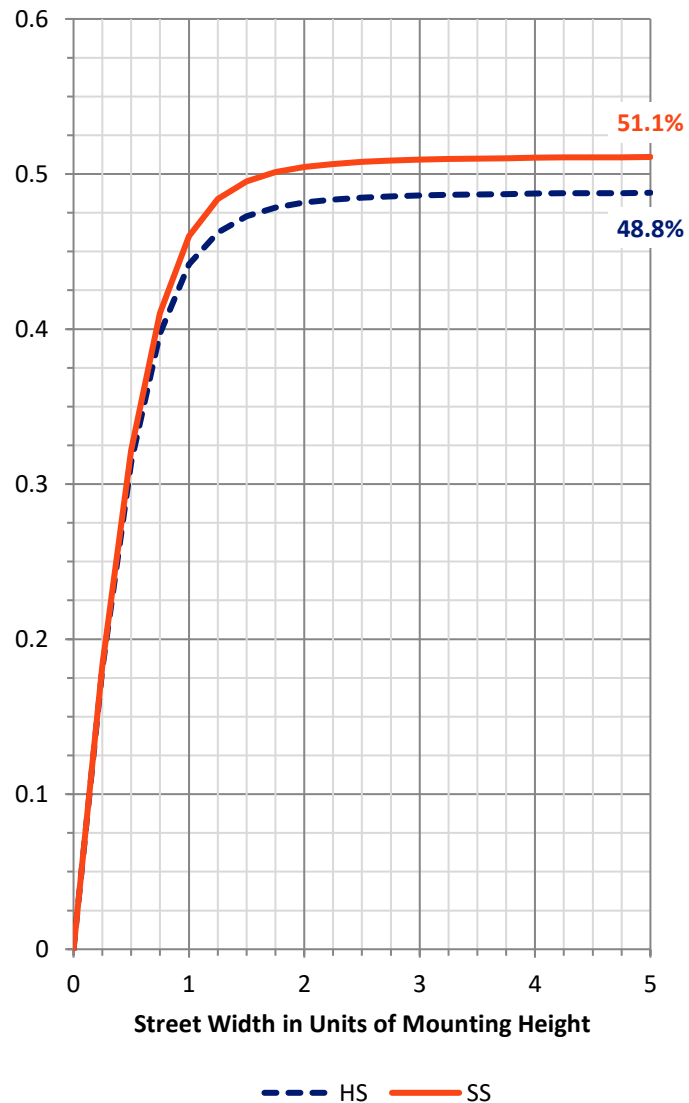
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2744.1	0.0	2744.1
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	2845.1	0.0	2845.1
	% Fixture	50.9	0.0	50.9
Total	Lumens	5589.1	0.0	5589.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.2	5.9
10°-20°	921.2	16.5
20°-30°	1245.2	22.3
30°-40°	1325.6	23.7
40°-50°	1032.7	18.5
50°-60°	475.4	8.5
60°-70°	190.7	3.4
70°-80°	59.3	1.1
80°-90°	7.0	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°	5589.1	100.0
0°-180°	5589.1	100.0

Coefficient of Utilization



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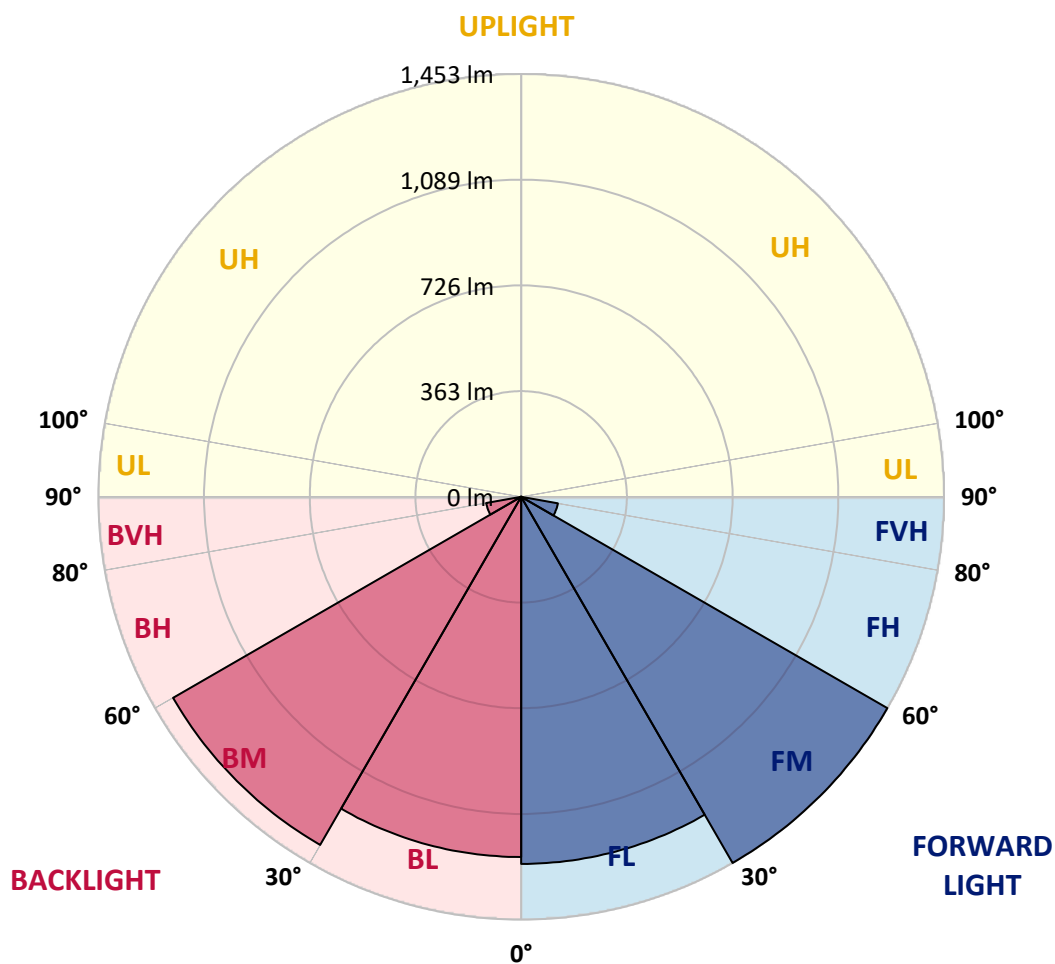
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1261.1	22.6			
FM	(30°-60°)	1452.6	26.0			
FH	(60°-80°)	127.9	2.3			G0/660
FVH	(80°-90°)	3.4	0.1			G0/10
BL	(0°-30°)	1237.3	22.1	B3/2500		
BM	(30°-60°)	1381.0	24.7	B2/2500		
BH	(60°-80°)	122.1	2.2	B1/500		G0/660
BVH	(80°-90°)	3.7	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°	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5
1°	3523.7	3523.5	3523.1	3522.7	3520.7	3520.8	3521.3	3520.8	3521.8	3521.4	3522.4
2°	3522.9	3521.3	3519.3	3518.9	3518.0	3515.7	3515.0	3513.1	3514.5	3516.5	3517.4
3°	3520.7	3518.2	3515.6	3513.0	3510.3	3508.4	3505.1	3505.8	3506.8	3509.1	3510.8
4°	3515.5	3511.9	3508.2	3505.1	3501.4	3498.0	3496.0	3494.1	3496.4	3498.9	3500.5
5°	3508.8	3503.5	3500.0	3493.9	3489.3	3486.1	3483.2	3482.5	3483.3	3485.4	3489.2
6°	3499.7	3494.0	3486.5	3481.3	3476.2	3472.8	3470.4	3470.3	3469.5	3471.2	3477.0
7°	3488.0	3482.2	3475.1	3467.6	3461.7	3457.7	3457.2	3456.1	3456.0	3457.7	3463.4
8°	3478.5	3470.2	3461.1	3453.5	3445.5	3440.7	3440.0	3439.1	3440.3	3443.0	3448.7
9°	3466.4	3455.9	3446.1	3437.6	3427.4	3422.1	3418.6	3418.4	3419.7	3423.4	3431.9
10°	3451.7	3440.5	3428.8	3417.8	3406.9	3399.6	3394.0	3394.5	3397.9	3401.9	3409.3
11°	3434.6	3420.8	3407.1	3394.5	3383.8	3374.5	3367.0	3366.2	3370.4	3377.4	3385.7
12°	3413.0	3398.2	3383.5	3368.3	3356.8	3344.8	3336.3	3333.6	3339.8	3347.9	3358.3
13°	3388.9	3373.2	3357.0	3339.7	3324.1	3311.1	3300.3	3300.3	3305.3	3314.8	3325.9
14°	3362.2	3343.8	3325.5	3307.1	3289.4	3272.9	3258.6	3257.7	3264.3	3276.8	3287.3
15°	3330.6	3310.3	3290.2	3270.7	3249.5	3228.9	3212.0	3209.8	3218.6	3234.0	3244.2
16°	3293.0	3270.2	3248.4	3229.1	3203.7	3181.2	3161.3	3159.6	3168.5	3184.1	3195.6
17°	3249.7	3227.4	3201.9	3181.8	3152.1	3127.5	3106.4	3105.4	3113.8	3129.1	3142.9
18°	3203.3	3178.4	3152.6	3127.4	3095.0	3071.1	3047.0	3046.4	3055.3	3069.9	3085.2
19°	3152.2	3124.9	3099.8	3069.9	3036.0	3010.4	2986.1	2984.7	2992.0	3007.1	3024.9
20°	3098.9	3071.2	3041.6	3005.9	2972.2	2946.0	2924.1	2920.2	2925.5	2939.2	2961.4
21°	3044.5	3013.9	2982.9	2940.1	2904.5	2881.0	2861.9	2854.9	2853.6	2868.6	2890.5
22°	2987.8	2952.7	2915.8	2869.3	2832.7	2815.2	2797.9	2787.7	2782.6	2796.7	2820.0
23°	2926.9	2887.6	2845.1	2795.1	2760.0	2750.6	2738.1	2723.7	2710.0	2718.7	2745.3
24°	2866.0	2824.9	2774.7	2720.8	2688.7	2689.1	2683.4	2663.6	2640.7	2641.8	2676.8
25°	2809.1	2767.1	2707.5	2648.1	2619.3	2631.4	2633.7	2605.8	2571.9	2566.2	2609.6
26°	2757.6	2712.3	2641.5	2575.9	2550.8	2576.4	2585.2	2552.4	2506.5	2496.5	2543.4
27°	2708.9	2659.9	2578.1	2504.7	2486.1	2523.3	2537.2	2500.9	2444.3	2425.7	2478.2
28°	2661.5	2607.6	2514.1	2435.8	2424.3	2471.4	2490.3	2450.5	2381.9	2357.7	2416.0
29°	2618.9	2557.0	2454.5	2369.6	2362.3	2420.6	2444.3	2399.9	2321.9	2290.8	2354.0
30°	2579.3	2508.9	2394.1	2303.6	2300.1	2370.2	2399.1	2349.8	2263.2	2225.5	2293.2
31°	2538.1	2460.8	2334.7	2239.6	2241.0	2319.6	2351.6	2298.6	2208.1	2164.5	2235.0
32°	2498.1	2415.0	2276.3	2178.7	2182.7	2269.8	2302.2	2246.8	2154.1	2103.8	2178.6
33°	2460.9	2371.6	2218.7	2117.5	2125.9	2215.9	2251.1	2193.2	2099.3	2044.8	2122.9
34°	2423.9	2329.4	2163.8	2057.1	2066.7	2161.9	2196.7	2136.5	2043.2	1985.3	2067.1
35°	2385.8	2287.3	2108.3	1994.4	2005.4	2103.0	2138.7	2075.4	1981.8	1924.5	2009.6
36°	2347.4	2243.3	2053.0	1928.8	1945.3	2041.4	2074.2	2011.8	1914.1	1859.4	1948.5
37°	2306.0	2194.9	1995.6	1864.4	1883.3	1978.2	2006.8	1945.5	1842.6	1786.6	1882.3
38°	2259.3	2137.9	1937.6	1803.0	1819.6	1908.7	1936.1	1874.9	1765.6	1708.3	1809.6
39°	2202.8	2073.7	1874.3	1737.0	1751.2	1835.4	1861.0	1798.0	1686.9	1628.4	1734.8
40°	2133.1	2004.1	1801.4	1665.4	1677.4	1753.2	1781.6	1717.4	1606.3	1547.9	1653.1
41°	2058.1	1927.6	1720.0	1588.3	1599.2	1666.2	1692.3	1636.0	1521.9	1465.8	1567.4
42°	1969.4	1842.3	1632.9	1506.6	1514.6	1570.1	1596.0	1545.6	1431.3	1380.3	1477.7
43°	1871.3	1749.5	1543.2	1420.6	1429.1	1469.1	1498.8	1457.9	1339.3	1290.3	1387.6
44°	1768.8	1647.0	1452.5	1333.3	1340.8	1370.2	1403.7	1367.9	1251.3	1211.2	1303.6

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1652.9	1542.1	1358.4	1245.6	1254.6	1277.5	1311.3	1283.5	1163.3	1132.1	1225.5
46°	1534.5	1437.0	1264.5	1161.2	1171.1	1186.1	1211.1	1181.4	1074.7	1052.9	1147.3
47°	1418.7	1335.3	1171.6	1078.6	1077.0	1082.3	1111.0	1079.0	959.0	970.3	1068.4
48°	1308.4	1235.4	1073.6	982.5	976.8	985.5	1010.8	964.5	845.1	867.8	962.5
49°	1192.1	1125.4	958.1	876.7	878.1	892.0	915.8	849.1	743.2	764.9	845.1
50°	1083.5	1008.9	841.5	763.0	785.6	800.2	835.3	752.4	634.8	635.0	740.0
51°	1000.2	887.2	744.5	668.8	705.8	731.8	772.2	686.9	554.6	533.2	638.7
52°	903.5	774.9	668.4	600.6	635.9	670.6	715.5	637.9	497.9	452.7	570.3
53°	772.5	704.8	595.5	561.5	572.6	605.9	664.4	599.7	449.8	390.4	530.3
54°	703.4	651.6	547.9	522.7	528.3	551.7	605.1	570.6	410.3	330.5	486.4
55°	641.8	578.3	500.8	483.9	483.9	497.4	554.4	532.9	374.3	280.0	434.6
56°	567.0	524.0	453.6	439.9	439.6	443.2	510.2	495.7	340.8	238.8	380.5
57°	498.7	470.3	410.4	403.1	413.8	405.4	464.7	458.0	315.3	214.6	336.8
58°	430.5	416.6	373.0	368.6	376.4	360.8	420.5	431.5	290.0	197.9	298.0
59°	382.6	382.2	341.2	334.5	347.2	323.6	381.0	389.3	257.2	183.9	267.6
60°	337.4	359.4	312.4	303.3	316.6	277.4	349.2	347.2	233.5	170.9	241.4
61°	295.4	325.5	280.2	275.9	284.2	238.6	313.6	320.3	220.1	159.7	217.8
62°	259.5	286.5	251.4	250.2	254.1	218.4	282.1	294.9	201.6	149.6	197.3
63°	230.3	252.1	225.6	226.4	229.5	201.2	257.6	268.6	183.3	140.3	179.6
64°	201.7	227.3	204.4	206.2	208.7	181.1	231.5	238.8	166.5	131.2	163.9
65°	178.4	202.9	186.3	188.3	188.5	163.1	206.7	212.1	151.3	122.1	148.6
66°	159.5	180.9	168.3	171.3	170.1	147.6	182.8	187.1	137.9	113.1	135.4
67°	142.9	161.1	151.5	154.8	152.5	134.0	160.3	163.9	124.4	104.5	122.1
68°	128.0	142.4	135.6	138.2	135.4	121.2	142.2	146.0	111.0	96.4	108.8
69°	114.0	124.8	120.1	121.8	119.8	108.7	124.0	128.1	100.7	88.5	97.4
70°	101.2	109.0	105.1	107.0	106.0	97.2	106.1	110.3	91.5	81.1	87.5
71°	89.6	95.5	91.9	93.5	93.7	86.9	93.6	98.1	83.0	73.9	77.7
72°	78.9	83.6	80.1	82.4	82.5	77.6	82.6	86.7	74.6	66.8	68.7
73°	68.5	72.4	69.2	72.3	72.7	68.8	72.5	75.9	66.6	59.8	60.3
74°	59.5	62.5	59.6	63.4	63.4	60.7	63.0	66.1	58.9	53.1	52.7
75°	51.6	53.9	51.4	55.3	55.5	53.2	54.3	56.6	51.6	46.5	45.2
76°	43.8	45.4	43.2	47.0	47.3	45.7	46.1	48.0	44.5	40.5	38.0
77°	36.0	36.8	35.0	38.7	39.1	38.2	39.2	40.8	38.2	34.7	31.9
78°	29.1	29.3	28.8	31.9	33.0	32.4	33.2	34.4	32.3	28.9	26.6
79°	22.4	23.2	23.5	26.3	27.3	26.8	27.5	28.4	27.0	23.8	22.0
80°	17.0	17.8	18.5	21.4	21.8	21.8	21.9	23.3	22.1	19.6	18.1
81°	12.7	13.4	14.0	17.2	17.9	17.9	17.9	18.9	17.5	15.9	14.7
82°	9.5	10.5	11.1	13.1	13.9	14.4	14.5	15.2	14.0	12.2	11.2
83°	6.7	7.3	7.5	9.0	9.8	10.6	11.0	11.4	10.4	8.6	7.9
84°	4.3	5.1	5.3	5.5	6.5	7.3	7.6	7.7	6.9	5.8	5.3
85°	2.0	2.9	3.1	3.4	4.2	5.2	4.9	4.9	4.5	3.7	3.3
86°	0.6	0.7	0.9	1.3	1.9	3.1	2.7	2.7	2.4	2.0	1.8
87°	0.2	0.2	0.3	0.4	0.6	1.0	1.0	1.1	1.0	0.8	0.8
88°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4
89°	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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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: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

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: P1440293
CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

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: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5	3524.5
1°	3523.1	3523.5	3524.5	3525.1	3524.9	3525.9	3524.9	3526.3	3527.8	3525.7	3525.7
2°	3520.2	3520.3	3521.4	3522.6	3524.1	3524.7	3525.2	3526.4	3525.3	3525.3	3525.0
3°	3513.4	3514.8	3517.0	3520.3	3522.5	3522.2	3524.9	3526.7	3523.9	3524.4	3523.7
4°	3503.5	3506.2	3508.9	3513.7	3516.8	3518.7	3521.1	3522.0	3522.7	3521.3	3522.7
5°	3492.5	3497.2	3502.3	3505.8	3510.0	3513.3	3516.5	3520.1	3518.7	3518.8	3519.9
6°	3481.8	3486.3	3491.6	3496.0	3502.0	3505.4	3508.6	3510.6	3511.3	3513.6	3514.5
7°	3469.4	3476.0	3482.1	3486.0	3491.2	3494.6	3498.0	3501.1	3502.4	3503.7	3505.1
8°	3455.8	3462.9	3469.1	3474.3	3480.4	3483.4	3486.4	3490.4	3492.4	3494.3	3492.9
9°	3438.1	3446.4	3454.1	3459.7	3466.4	3470.1	3472.9	3477.3	3480.5	3481.1	3479.7
10°	3417.7	3426.3	3434.8	3441.9	3450.4	3454.2	3458.6	3463.8	3465.4	3467.7	3467.5
11°	3393.7	3401.5	3410.0	3420.6	3431.0	3437.5	3442.2	3447.8	3451.2	3451.8	3453.3
12°	3366.7	3373.5	3384.9	3395.6	3405.7	3416.6	3422.9	3426.3	3429.4	3433.3	3435.2
13°	3333.2	3342.7	3354.3	3368.4	3379.3	3391.6	3396.1	3401.4	3405.9	3410.8	3413.8
14°	3295.3	3307.2	3319.0	3335.8	3349.8	3359.3	3366.9	3373.2	3379.4	3386.5	3390.6
15°	3252.4	3264.9	3278.8	3298.7	3316.3	3326.5	3331.9	3340.3	3347.6	3357.1	3362.8
16°	3205.9	3218.1	3234.3	3255.6	3275.8	3285.6	3293.0	3302.2	3312.9	3324.7	3329.7
17°	3154.2	3167.8	3185.6	3208.7	3229.8	3238.6	3248.4	3258.3	3271.5	3285.8	3294.3
18°	3098.6	3115.3	3135.1	3157.9	3177.1	3187.2	3195.7	3208.1	3223.8	3243.7	3252.5
19°	3040.4	3059.7	3080.8	3103.2	3119.5	3129.3	3137.6	3152.2	3170.6	3193.3	3204.4
20°	2977.2	2997.3	3020.8	3044.1	3055.9	3064.8	3074.6	3090.8	3112.8	3137.5	3152.5
21°	2910.0	2931.3	2954.8	2979.8	2989.8	2995.3	3005.0	3026.4	3049.6	3075.6	3094.2
22°	2846.8	2873.2	2893.8	2910.7	2916.8	2919.2	2934.5	2957.1	2980.4	3008.8	3031.1
23°	2785.0	2820.4	2839.2	2844.2	2840.7	2840.0	2859.2	2887.1	2911.6	2937.0	2962.1
24°	2727.7	2771.4	2788.3	2781.2	2760.9	2758.0	2783.3	2817.6	2842.0	2862.1	2886.7
25°	2678.2	2728.2	2739.5	2717.3	2681.9	2677.3	2706.9	2746.1	2774.1	2786.3	2810.4
26°	2628.6	2686.3	2694.1	2654.5	2603.3	2599.8	2633.9	2681.0	2707.1	2711.7	2734.9
27°	2579.4	2647.3	2648.4	2593.5	2527.4	2523.3	2566.0	2616.8	2641.6	2638.5	2657.2
28°	2529.9	2609.0	2603.8	2532.8	2456.5	2450.8	2501.3	2559.2	2578.9	2566.2	2578.4
29°	2482.8	2570.3	2559.0	2472.4	2386.8	2379.8	2437.9	2501.6	2515.7	2496.7	2503.6
30°	2438.7	2531.6	2514.9	2410.8	2317.4	2311.5	2378.7	2444.8	2456.4	2427.8	2427.8
31°	2393.7	2492.7	2471.1	2350.2	2250.0	2245.7	2320.8	2391.1	2399.9	2360.1	2355.5
32°	2350.0	2454.2	2429.0	2290.3	2184.8	2183.3	2264.0	2337.8	2344.1	2292.7	2284.6
33°	2305.5	2416.2	2384.7	2232.0	2122.1	2125.0	2207.7	2287.0	2287.6	2225.6	2217.1
34°	2259.8	2379.9	2338.4	2175.2	2060.4	2067.5	2153.1	2235.4	2234.4	2159.8	2149.3
35°	2212.2	2343.3	2291.0	2116.9	1999.1	2009.0	2096.2	2181.9	2179.9	2093.6	2082.3
36°	2162.0	2302.0	2239.7	2054.9	1937.0	1950.1	2037.7	2127.9	2123.0	2028.3	2016.4
37°	2106.2	2252.2	2183.2	1993.0	1873.0	1888.3	1980.2	2072.9	2063.1	1963.6	1951.3
38°	2041.4	2193.0	2120.5	1925.8	1806.2	1822.8	1921.2	2014.8	1999.6	1896.5	1886.5
39°	1968.3	2125.9	2049.2	1852.5	1736.2	1752.6	1858.0	1953.4	1933.3	1827.2	1818.4
40°	1886.2	2048.7	1968.5	1773.0	1659.4	1677.4	1787.6	1883.8	1861.7	1756.1	1749.8
41°	1798.1	1963.8	1876.7	1688.2	1578.8	1598.6	1710.6	1803.8	1780.7	1679.5	1676.2
42°	1702.6	1869.8	1775.1	1594.6	1494.3	1516.0	1627.2	1716.0	1691.2	1599.0	1596.4
43°	1604.5	1768.6	1669.2	1494.8	1405.4	1430.7	1537.6	1619.3	1592.0	1514.4	1508.9
44°	1510.8	1670.3	1564.5	1393.5	1310.4	1340.0	1446.2	1518.9	1484.5	1423.0	1419.9

REPORT NUMBER: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1417.1	1572.7	1459.4	1293.8	1223.1	1247.2	1351.0	1418.0	1374.0	1327.9	1329.9
46°	1329.3	1479.8	1363.0	1202.8	1135.8	1154.4	1259.8	1319.5	1260.8	1229.9	1240.8
47°	1226.5	1370.3	1255.4	1111.9	1048.5	1061.5	1168.5	1230.2	1162.3	1134.9	1155.0
48°	1123.6	1279.6	1147.8	1020.0	955.0	960.4	1076.9	1131.4	1060.0	1046.5	1071.7
49°	1020.8	1189.0	1040.7	897.4	831.9	837.3	963.2	1031.6	955.1	951.8	970.8
50°	933.4	1098.3	955.2	792.4	702.4	727.8	844.0	925.7	858.2	852.0	856.4
51°	853.7	1010.3	895.3	706.1	585.7	634.5	739.6	829.5	779.7	751.1	740.5
52°	792.5	921.2	823.7	613.9	481.0	536.4	660.0	755.9	712.7	662.2	644.7
53°	758.6	873.4	788.4	571.0	423.5	474.3	611.0	704.2	649.5	592.2	579.3
54°	713.5	827.2	749.0	522.0	364.4	430.8	577.7	641.5	586.9	548.0	536.2
55°	665.9	767.1	683.4	467.1	306.3	392.5	552.3	584.6	532.8	503.8	493.7
56°	596.6	698.0	612.8	415.5	259.4	361.0	523.6	537.3	478.9	459.6	451.2
57°	531.4	623.8	549.5	366.5	229.6	337.0	484.9	490.2	425.0	429.3	413.1
58°	485.0	561.8	493.0	323.4	211.3	315.2	447.5	443.1	370.9	385.8	380.3
59°	434.9	512.1	441.7	290.6	195.4	283.1	424.0	406.5	344.0	349.0	349.5
60°	381.0	457.4	389.9	267.9	181.8	250.9	384.1	369.5	306.2	327.9	320.8
61°	337.9	401.3	343.5	238.0	169.6	227.1	340.5	329.1	262.2	297.8	293.1
62°	300.7	351.9	299.6	209.6	158.6	210.0	308.1	300.2	232.1	267.3	267.5
63°	265.3	307.3	264.8	186.7	148.6	192.2	283.4	275.4	206.2	237.4	244.0
64°	239.8	269.8	235.0	168.0	139.1	176.1	254.3	248.1	184.1	213.6	220.9
65°	214.7	235.9	209.7	151.5	129.6	160.2	226.9	222.1	167.0	194.1	199.7
66°	190.8	208.0	186.0	138.2	120.1	146.6	202.2	197.8	151.7	175.9	181.0
67°	169.1	181.6	165.8	125.0	111.3	132.9	179.0	175.4	138.4	158.5	163.4
68°	149.3	157.5	147.4	111.7	102.3	119.4	158.1	154.3	125.7	141.9	145.8
69°	129.5	136.7	129.0	100.4	94.4	108.6	141.3	135.2	113.5	126.1	128.4
70°	109.7	116.1	110.7	89.9	86.7	98.2	124.6	117.8	102.1	111.5	112.1
71°	94.2	100.7	96.1	79.9	79.3	88.5	107.8	103.1	91.0	97.7	97.9
72°	80.7	86.6	83.4	71.0	71.8	79.8	95.3	90.5	81.4	85.9	85.7
73°	69.0	73.5	71.8	62.8	64.4	71.7	84.2	79.1	72.5	75.6	75.3
74°	58.1	61.9	61.2	55.1	57.3	63.8	73.5	68.9	64.2	66.3	65.9
75°	48.7	51.9	51.3	47.7	50.3	56.1	63.5	59.6	56.0	57.6	57.2
76°	40.8	43.2	42.9	40.4	44.0	48.8	53.6	51.8	48.7	50.2	49.3
77°	34.0	36.0	35.9	34.0	37.8	41.8	45.3	44.0	41.4	42.8	41.5
78°	28.0	29.8	29.7	28.6	31.8	35.2	38.2	36.2	35.0	35.4	33.7
79°	22.9	24.2	24.2	23.9	26.5	29.8	32.0	30.5	29.7	29.8	28.1
80°	18.4	19.4	19.5	19.6	21.9	24.7	26.5	24.5	24.4	24.3	23.1
81°	15.0	15.9	15.9	16.0	17.7	19.9	21.6	19.5	19.5	19.4	18.6
82°	11.6	12.4	12.3	12.5	14.2	16.0	17.1	15.8	15.7	15.4	14.2
83°	8.2	8.9	8.7	9.0	10.8	12.1	13.5	12.3	11.8	11.4	10.1
84°	5.6	6.1	6.0	6.2	7.3	8.2	9.8	9.0	8.5	7.9	6.4
85°	3.5	3.8	3.8	4.0	4.7	5.6	6.1	6.0	5.6	5.6	4.1
86°	1.7	2.0	2.0	2.2	2.6	3.4	3.7	3.9	3.7	3.4	1.9
87°	0.8	0.8	0.9	1.0	1.2	1.7	2.0	1.9	1.9	1.1	0.6
88°	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.5	0.5	0.3	0.2
89°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1

REPORT NUMBER: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

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: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

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: P1440293
CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

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: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	3524.5	3524.5	3524.5
1°	3525.2	3524.7	3523.7
2°	3524.5	3524.3	3522.9
3°	3524.5	3523.1	3520.7
4°	3522.1	3519.7	3515.5
5°	3516.8	3513.8	3508.8
6°	3510.2	3506.1	3499.7
7°	3500.0	3495.3	3488.0
8°	3488.9	3485.1	3478.5
9°	3478.8	3473.0	3466.4
10°	3465.4	3462.5	3451.7
11°	3450.5	3445.2	3434.6
12°	3432.5	3425.2	3413.0
13°	3411.3	3403.3	3388.9
14°	3386.1	3377.6	3362.2
15°	3359.0	3349.0	3330.6
16°	3326.0	3313.7	3293.0
17°	3288.7	3274.2	3249.7
18°	3248.0	3228.6	3203.3
19°	3201.8	3180.6	3152.2
20°	3149.7	3127.8	3098.9
21°	3094.0	3074.4	3044.5
22°	3033.7	3016.3	2987.8
23°	2967.3	2954.8	2926.9
24°	2897.9	2891.5	2866.0
25°	2829.2	2826.2	2809.1
26°	2758.5	2767.7	2757.6
27°	2690.1	2713.8	2708.9
28°	2621.6	2660.9	2661.5
29°	2558.0	2609.7	2618.9
30°	2491.8	2559.2	2579.3
31°	2427.5	2509.8	2538.1
32°	2367.6	2463.5	2498.1
33°	2307.7	2418.1	2460.9
34°	2248.4	2374.1	2423.9
35°	2186.6	2330.6	2385.8
36°	2129.0	2289.9	2347.4
37°	2072.7	2245.7	2306.0
38°	2010.0	2197.5	2259.3
39°	1941.0	2138.8	2202.8
40°	1866.5	2066.9	2133.1
41°	1786.5	1987.6	2058.1
42°	1697.6	1902.9	1969.4
43°	1608.5	1811.8	1871.3
44°	1517.6	1714.7	1768.8

REPORT NUMBER: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1422.6	1607.3	1652.9
46°	1327.0	1498.0	1534.5
47°	1230.5	1390.4	1418.7
48°	1135.5	1284.8	1308.4
49°	1036.8	1170.8	1192.1
50°	920.8	1053.6	1083.5
51°	798.7	922.1	1000.2
52°	692.1	827.3	903.5
53°	629.3	732.0	772.5
54°	568.5	654.3	703.4
55°	527.6	601.7	641.8
56°	487.0	547.8	567.0
57°	446.3	494.0	498.7
58°	405.6	440.1	430.5
59°	368.4	398.4	382.6
60°	333.3	351.9	337.4
61°	303.7	310.7	295.4
62°	274.3	279.6	259.5
63°	244.8	250.5	230.3
64°	218.9	223.5	201.7
65°	196.1	199.2	178.4
66°	172.5	177.6	159.5
67°	150.2	159.5	142.9
68°	132.0	142.2	128.0
69°	116.0	126.3	114.0
70°	102.8	111.2	101.2
71°	90.3	98.1	89.6
72°	79.5	86.4	78.9
73°	69.6	74.8	68.5
74°	60.2	64.2	59.5
75°	52.2	55.6	51.6
76°	44.3	47.1	43.8
77°	36.4	38.5	36.0
78°	30.2	31.2	29.1
79°	25.0	24.6	22.4
80°	20.0	19.1	17.0
81°	15.2	14.3	12.7
82°	11.4	10.4	9.5
83°	8.1	7.6	6.7
84°	5.8	5.3	4.3
85°	3.5	3.1	2.0
86°	1.2	0.8	0.6
87°	0.3	0.3	0.2
88°	0.1	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

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: P1440293

CATALOG NUMBER: XSF60-KNYK-6Hx6V-830-Position 3

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: P1440293

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)