

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: P1440298

Luminaire Tested: XSF60-KNYK-6Hx6V-840-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440298
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-840-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT 80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4069.4 lumens
Efficiency: N/A
Efficacy: 162.8 lumens/watt
Luminous Opening: Rectangular (W 0.3' x L: 0.3' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

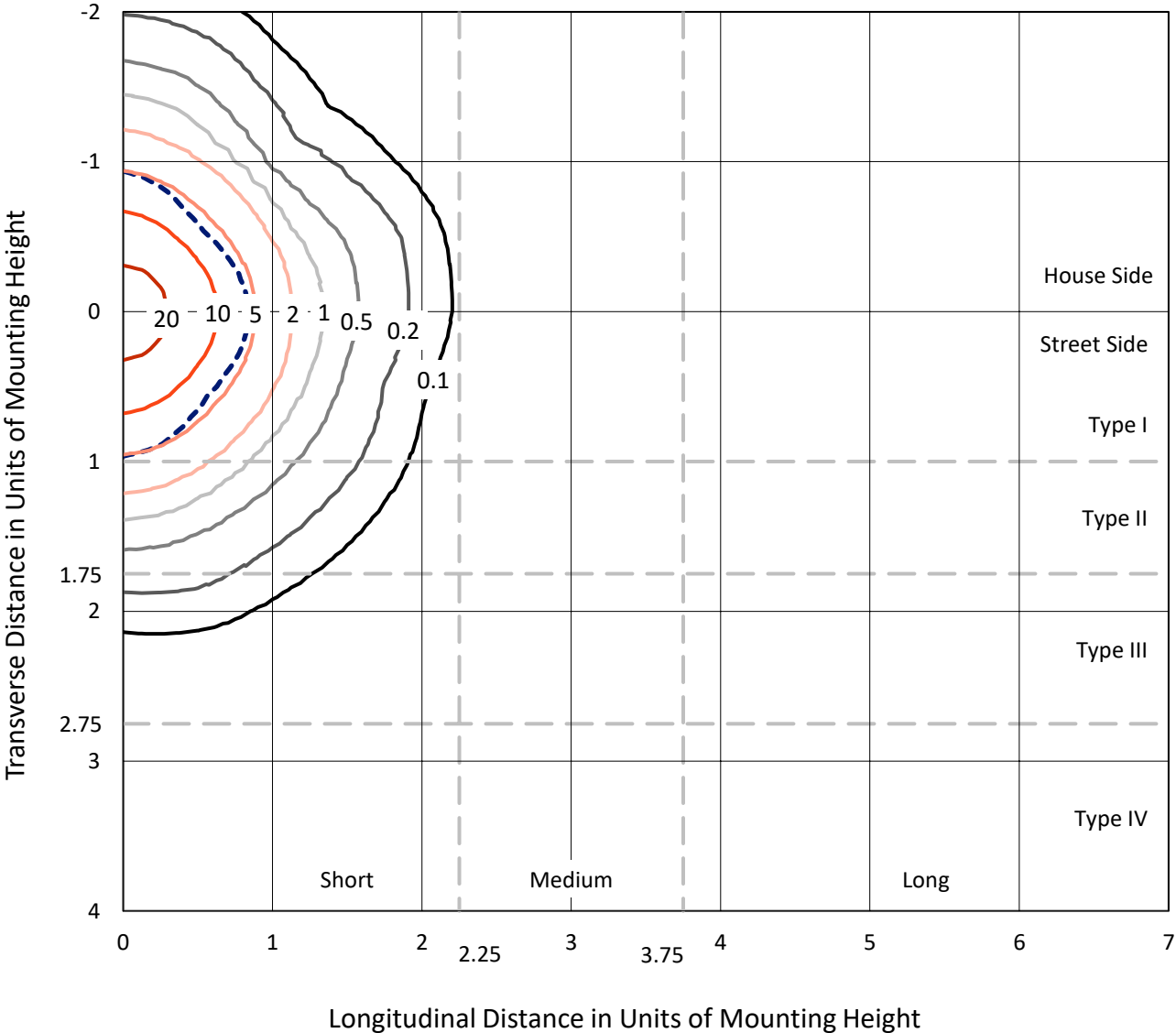
Input Watts (W): 25
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

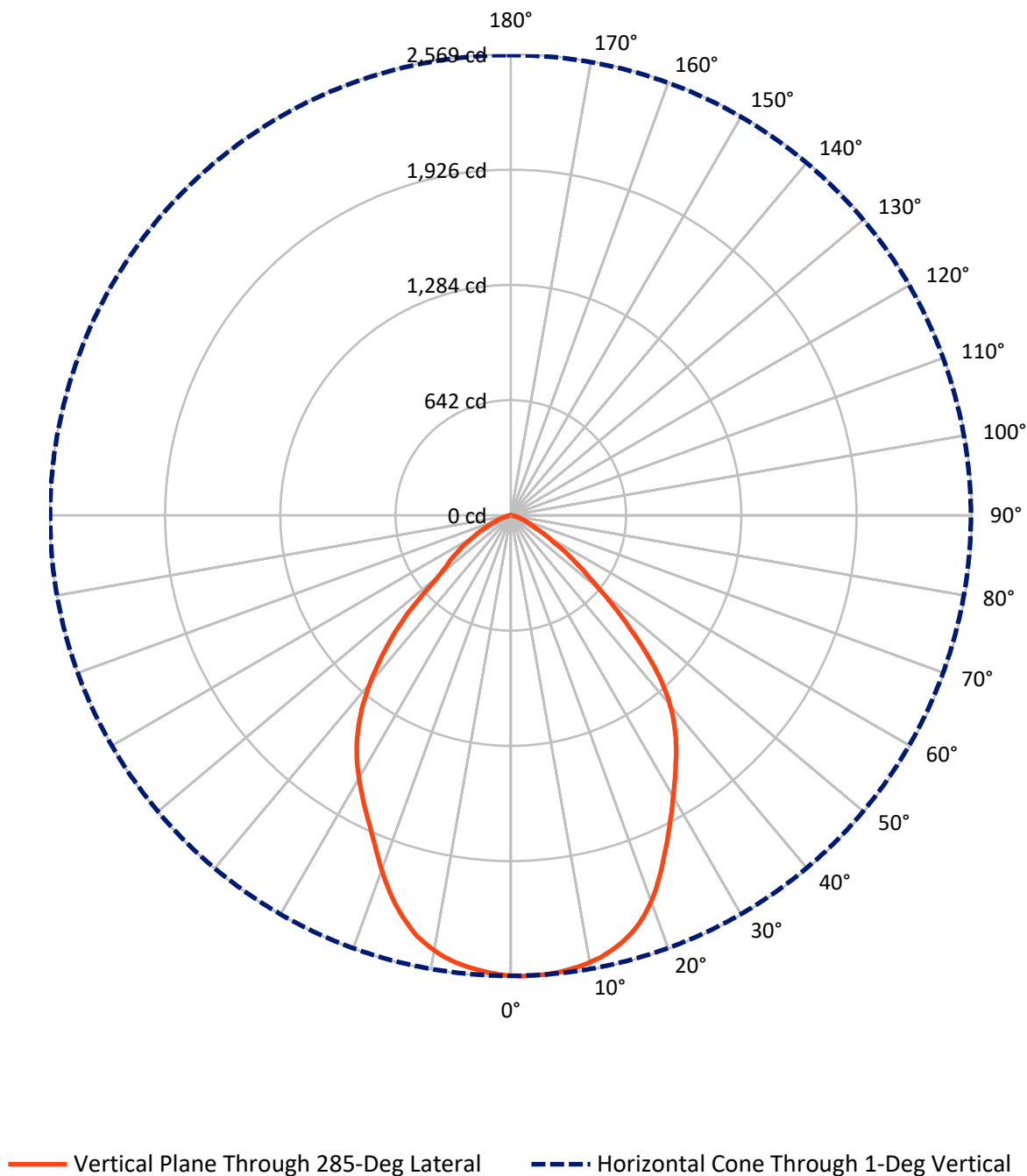


Based on 10 foot mounting height. Maximum calculated value = 25.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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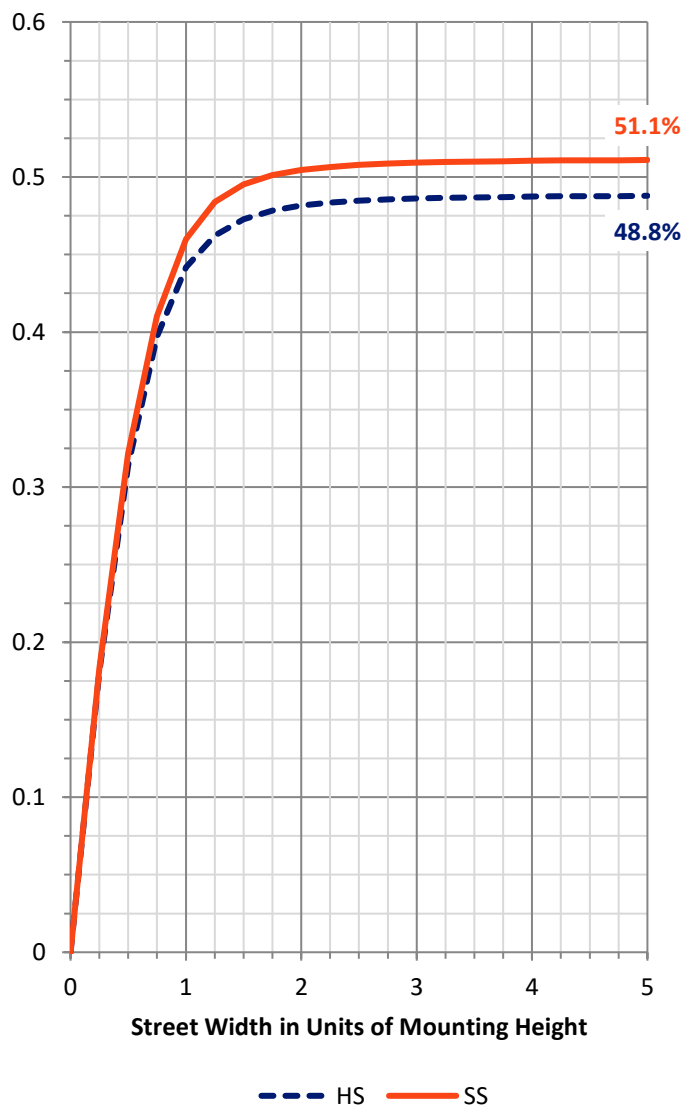
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1997.9	0.0	1997.9
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	2071.5	0.0	2071.5
	% Fixture	50.9	0.0	50.9
Total	Lumens	4069.4	0.0	4069.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.8	5.9
10°-20°	670.7	16.5
20°-30°	906.6	22.3
30°-40°	965.2	23.7
40°-50°	751.9	18.5
50°-60°	346.1	8.5
60°-70°	138.8	3.4
70°-80°	43.1	1.1
80°-90°	5.1	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°	4069.4	100.0
0°-180°	4069.4	100.0

Coefficient of Utilization



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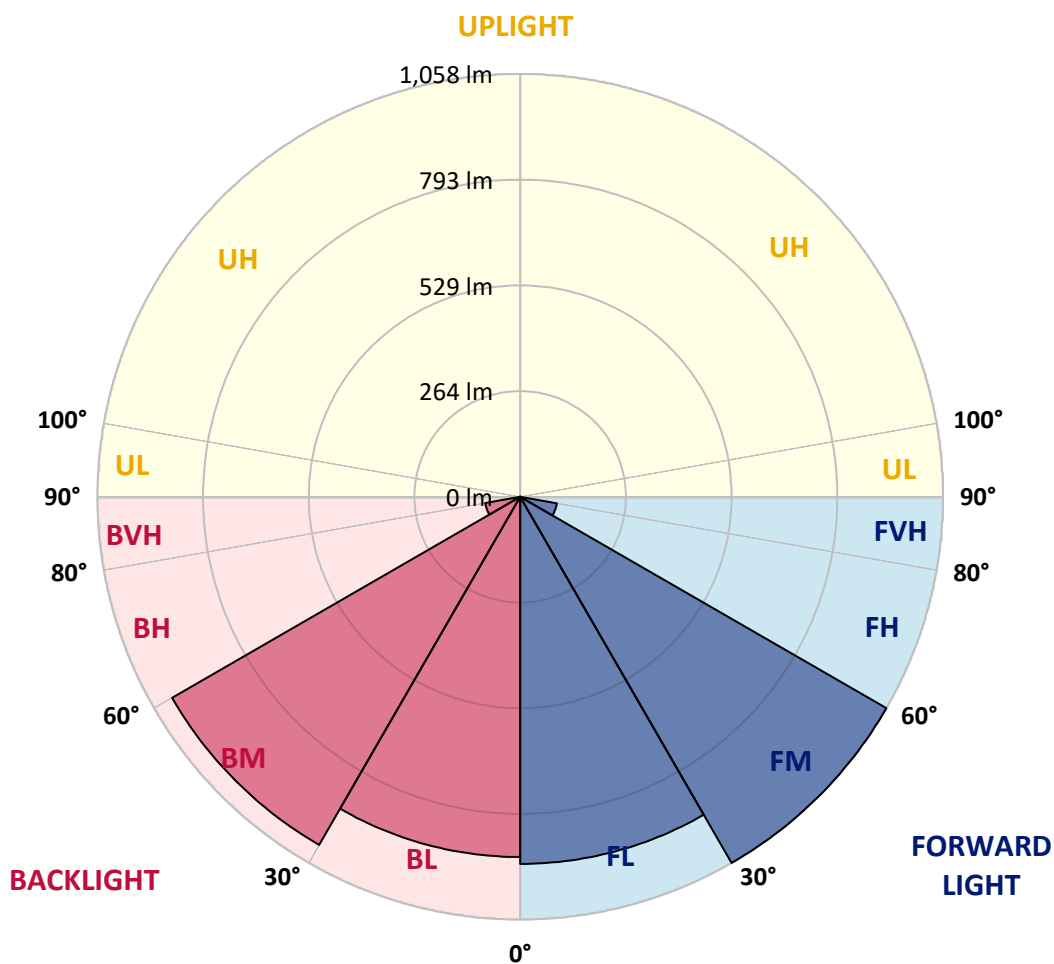
CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	918.2	22.6			
FM	(30°-60°)	1057.6	26.0			
FH	(60°-80°)	93.1	2.3			G0/660
FVH	(80°-90°)	2.5	0.1			G0/10
BL	(0°-30°)	900.9	22.1	B2/1000		
BM	(30°-60°)	1005.5	24.7	B2/2500		
BH	(60°-80°)	88.9	2.2	B0/110		G0/660
BVH	(80°-90°)	2.7	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2
1°	2565.6	2565.4	2565.1	2564.9	2563.4	2563.5	2563.8	2563.4	2564.2	2563.9	2564.6
2°	2565.0	2563.8	2562.3	2562.1	2561.5	2559.7	2559.2	2557.8	2558.9	2560.3	2561.0
3°	2563.4	2561.6	2559.7	2557.8	2555.8	2554.4	2552.0	2552.5	2553.3	2554.9	2556.2
4°	2559.6	2557.0	2554.3	2552.0	2549.3	2546.9	2545.4	2544.0	2545.7	2547.5	2548.7
5°	2554.7	2550.9	2548.3	2543.9	2540.5	2538.2	2536.1	2535.6	2536.1	2537.7	2540.4
6°	2548.1	2543.9	2538.5	2534.7	2531.0	2528.5	2526.8	2526.7	2526.1	2527.4	2531.6
7°	2539.6	2535.3	2530.2	2524.7	2520.4	2517.5	2517.2	2516.3	2516.2	2517.5	2521.6
8°	2532.7	2526.6	2520.0	2514.5	2508.6	2505.1	2504.6	2504.0	2504.8	2506.8	2511.0
9°	2523.8	2516.2	2509.1	2502.9	2495.5	2491.6	2489.0	2488.9	2489.8	2492.6	2498.7
10°	2513.2	2505.0	2496.4	2488.5	2480.5	2475.2	2471.1	2471.5	2474.0	2476.9	2482.3
11°	2500.7	2490.7	2480.7	2471.5	2463.7	2456.9	2451.5	2450.9	2454.0	2459.1	2465.1
12°	2485.0	2474.2	2463.5	2452.4	2444.0	2435.3	2429.1	2427.2	2431.7	2437.6	2445.2
13°	2467.4	2456.0	2444.2	2431.6	2420.3	2410.8	2402.9	2402.9	2406.6	2413.5	2421.5
14°	2448.0	2434.6	2421.3	2407.8	2395.0	2383.0	2372.5	2371.9	2376.7	2385.8	2393.5
15°	2425.0	2410.2	2395.6	2381.4	2365.9	2351.0	2338.6	2337.0	2343.4	2354.6	2362.1
16°	2397.6	2381.0	2365.1	2351.1	2332.6	2316.2	2301.7	2300.4	2306.9	2318.3	2326.7
17°	2366.1	2349.9	2331.3	2316.6	2295.0	2277.1	2261.8	2261.0	2267.1	2278.3	2288.3
18°	2332.3	2314.1	2295.4	2277.0	2253.5	2236.0	2218.5	2218.1	2224.6	2235.2	2246.3
19°	2295.1	2275.2	2257.0	2235.2	2210.5	2191.8	2174.2	2173.1	2178.5	2189.5	2202.4
20°	2256.3	2236.1	2214.5	2188.6	2164.0	2145.0	2129.0	2126.1	2130.0	2140.0	2156.2
21°	2216.7	2194.4	2171.8	2140.7	2114.7	2097.6	2083.7	2078.6	2077.7	2088.6	2104.6
22°	2175.4	2149.8	2123.0	2089.1	2062.5	2049.7	2037.1	2029.7	2026.0	2036.3	2053.2
23°	2131.0	2102.4	2071.5	2035.1	2009.6	2002.7	1993.6	1983.1	1973.1	1979.5	1998.8
24°	2086.7	2056.8	2020.2	1981.0	1957.6	1957.9	1953.8	1939.3	1922.7	1923.5	1949.0
25°	2045.3	2014.7	1971.3	1928.1	1907.1	1915.9	1917.5	1897.3	1872.6	1868.4	1900.0
26°	2007.7	1974.8	1923.2	1875.5	1857.2	1875.8	1882.3	1858.4	1825.0	1817.7	1851.8
27°	1972.3	1936.7	1877.1	1823.6	1810.1	1837.2	1847.3	1820.8	1779.7	1766.1	1804.3
28°	1937.8	1898.5	1830.5	1773.5	1765.1	1799.4	1813.2	1784.2	1734.3	1716.6	1759.1
29°	1906.8	1861.7	1787.1	1725.3	1720.0	1762.4	1779.7	1747.3	1690.6	1667.9	1713.9
30°	1878.0	1826.7	1743.2	1677.2	1674.7	1725.7	1746.7	1710.9	1647.8	1620.3	1669.7
31°	1847.9	1791.7	1699.8	1630.6	1631.7	1688.9	1712.2	1673.6	1607.7	1576.0	1627.3
32°	1818.8	1758.3	1657.4	1586.3	1589.2	1652.6	1676.2	1635.9	1568.4	1531.7	1586.2
33°	1791.8	1726.8	1615.4	1541.8	1547.9	1613.4	1639.0	1596.8	1528.5	1488.8	1545.7
34°	1764.8	1696.0	1575.4	1497.7	1504.8	1574.0	1599.4	1555.6	1487.6	1445.5	1505.0
35°	1737.1	1665.4	1535.0	1452.1	1460.1	1531.2	1557.1	1511.0	1442.9	1401.2	1463.1
36°	1709.1	1633.3	1494.8	1404.3	1416.3	1486.3	1510.2	1464.8	1393.6	1353.8	1418.7
37°	1678.9	1598.1	1453.0	1357.5	1371.2	1440.3	1461.1	1416.5	1341.6	1300.8	1370.5
38°	1645.0	1556.6	1410.8	1312.7	1324.8	1389.7	1409.6	1365.1	1285.5	1243.8	1317.6
39°	1603.9	1509.8	1364.7	1264.7	1275.1	1336.3	1355.0	1309.1	1228.2	1185.6	1263.1
40°	1553.1	1459.2	1311.6	1212.6	1221.3	1276.5	1297.2	1250.4	1169.5	1127.0	1203.6
41°	1498.5	1403.5	1252.3	1156.4	1164.3	1213.1	1232.2	1191.1	1108.1	1067.2	1141.2
42°	1433.9	1341.3	1188.9	1096.9	1102.8	1143.2	1162.0	1125.4	1042.1	1005.0	1075.9
43°	1362.5	1273.8	1123.6	1034.3	1040.5	1069.6	1091.2	1061.5	975.1	939.5	1010.3
44°	1287.8	1199.2	1057.5	970.8	976.3	997.6	1022.0	996.0	911.1	881.9	949.1

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1203.5	1122.8	989.1	906.9	913.5	930.1	954.8	934.5	847.0	824.3	892.2
46°	1117.3	1046.3	920.7	845.5	852.6	863.6	881.8	860.2	782.5	766.6	835.4
47°	1033.0	972.2	853.0	785.3	784.1	788.0	808.9	785.6	698.3	706.4	777.9
48°	952.7	899.5	781.7	715.3	711.2	717.5	736.0	702.2	615.3	631.8	700.8
49°	868.0	819.4	697.6	638.3	639.3	649.4	666.8	618.2	541.1	556.9	615.3
50°	788.9	734.6	612.7	555.5	572.0	582.6	608.2	547.8	462.2	462.4	538.8
51°	728.2	646.0	542.0	487.0	513.9	532.9	562.2	500.1	403.8	388.2	465.1
52°	657.8	564.2	486.6	437.3	463.0	488.3	521.0	464.5	362.5	329.6	415.2
53°	562.5	513.2	433.6	408.8	416.9	441.2	483.8	436.7	327.5	284.2	386.1
54°	512.1	474.4	399.0	380.6	384.6	401.7	440.6	415.5	298.8	240.6	354.2
55°	467.3	421.0	364.6	352.3	352.4	362.2	403.7	388.0	272.5	203.9	316.4
56°	412.9	381.5	330.3	320.3	320.1	322.7	371.5	360.9	248.1	173.8	277.0
57°	363.1	342.4	298.8	293.5	301.3	295.2	338.3	333.5	229.6	156.2	245.2
58°	313.5	303.3	271.5	268.4	274.0	262.7	306.2	314.2	211.1	144.1	217.0
59°	278.6	278.3	248.4	243.5	252.8	235.6	277.4	283.4	187.3	133.9	194.9
60°	245.7	261.7	227.4	220.8	230.5	201.9	254.3	252.8	170.0	124.5	175.8
61°	215.1	237.0	204.0	200.9	206.9	173.7	228.3	233.2	160.2	116.3	158.6
62°	188.9	208.6	183.0	182.2	185.0	159.0	205.4	214.7	146.8	109.0	143.7
63°	167.7	183.5	164.3	164.8	167.1	146.5	187.5	195.6	133.4	102.1	130.8
64°	146.9	165.5	148.9	150.1	151.9	131.9	168.5	173.9	121.3	95.5	119.3
65°	129.9	147.8	135.7	137.1	137.2	118.7	150.5	154.4	110.2	88.9	108.2
66°	116.1	131.7	122.6	124.7	123.8	107.5	133.1	136.2	100.4	82.4	98.5
67°	104.0	117.3	110.3	112.7	111.0	97.5	116.7	119.4	90.6	76.1	88.9
68°	93.2	103.7	98.8	100.6	98.6	88.2	103.5	106.3	80.8	70.2	79.2
69°	83.0	90.9	87.5	88.7	87.2	79.1	90.3	93.2	73.3	64.4	70.9
70°	73.7	79.3	76.5	77.9	77.2	70.8	77.2	80.3	66.6	59.0	63.7
71°	65.2	69.6	66.9	68.1	68.2	63.3	68.2	71.4	60.4	53.8	56.6
72°	57.4	60.9	58.3	60.0	60.1	56.5	60.1	63.1	54.3	48.6	50.0
73°	49.9	52.7	50.4	52.7	52.9	50.1	52.8	55.2	48.5	43.5	43.9
74°	43.3	45.5	43.4	46.2	46.1	44.2	45.8	48.1	42.9	38.6	38.4
75°	37.6	39.3	37.4	40.2	40.4	38.7	39.5	41.2	37.5	33.9	32.9
76°	31.9	33.1	31.4	34.2	34.5	33.3	33.6	35.0	32.4	29.5	27.7
77°	26.2	26.8	25.5	28.2	28.5	27.8	28.5	29.7	27.8	25.3	23.2
78°	21.2	21.3	20.9	23.2	24.1	23.6	24.2	25.0	23.5	21.0	19.3
79°	16.3	16.9	17.1	19.1	19.9	19.5	20.0	20.7	19.6	17.4	16.0
80°	12.4	13.0	13.5	15.6	15.9	15.9	16.0	17.0	16.1	14.3	13.2
81°	9.3	9.8	10.2	12.5	13.1	13.1	13.0	13.8	12.7	11.6	10.7
82°	6.9	7.7	8.1	9.5	10.1	10.5	10.5	11.0	10.2	8.9	8.2
83°	4.9	5.3	5.5	6.6	7.1	7.7	8.0	8.3	7.6	6.2	5.7
84°	3.2	3.7	3.8	4.0	4.8	5.3	5.6	5.6	5.0	4.3	3.9
85°	1.4	2.1	2.2	2.5	3.1	3.8	3.6	3.6	3.2	2.7	2.4
86°	0.5	0.5	0.6	1.0	1.4	2.2	2.0	2.0	1.7	1.4	1.3
87°	0.2	0.2	0.2	0.3	0.4	0.7	0.7	0.8	0.7	0.6	0.6
88°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
89°	0.0	0.0	0.0	0.0	0.0	0.0	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: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

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: P1440298
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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: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2	2566.2
1°	2565.1	2565.4	2566.1	2566.6	2566.5	2567.2	2566.5	2567.5	2568.5	2567.0	2567.0
2°	2563.0	2563.1	2563.9	2564.8	2565.9	2566.3	2566.6	2567.5	2566.8	2566.8	2566.5
3°	2558.1	2559.1	2560.7	2563.1	2564.7	2564.5	2566.5	2567.8	2565.7	2566.1	2565.6
4°	2550.9	2552.8	2554.8	2558.3	2560.5	2561.9	2563.7	2564.3	2564.8	2563.8	2564.8
5°	2542.9	2546.3	2550.0	2552.6	2555.6	2558.0	2560.4	2562.9	2561.9	2562.0	2562.8
6°	2535.0	2538.3	2542.2	2545.4	2549.8	2552.2	2554.6	2556.1	2556.5	2558.2	2558.9
7°	2526.0	2530.8	2535.3	2538.1	2541.9	2544.4	2546.8	2549.1	2550.1	2551.0	2552.0
8°	2516.1	2521.3	2525.8	2529.6	2534.0	2536.3	2538.4	2541.3	2542.8	2544.1	2543.1
9°	2503.3	2509.3	2514.9	2518.9	2523.8	2526.5	2528.6	2531.8	2534.1	2534.6	2533.5
10°	2488.4	2494.6	2500.9	2506.0	2512.2	2515.0	2518.2	2522.0	2523.1	2524.8	2524.6
11°	2470.9	2476.6	2482.8	2490.5	2498.1	2502.8	2506.3	2510.3	2512.8	2513.2	2514.3
12°	2451.3	2456.2	2464.5	2472.3	2479.7	2487.6	2492.2	2494.7	2496.9	2499.7	2501.1
13°	2426.9	2433.8	2442.3	2452.5	2460.4	2469.4	2472.7	2476.6	2479.8	2483.4	2485.5
14°	2399.3	2407.9	2416.5	2428.7	2439.0	2445.8	2451.4	2456.0	2460.5	2465.7	2468.7
15°	2368.1	2377.2	2387.3	2401.7	2414.6	2422.0	2426.0	2432.1	2437.4	2444.3	2448.5
16°	2334.2	2343.1	2354.8	2370.4	2385.1	2392.2	2397.6	2404.3	2412.1	2420.7	2424.3
17°	2296.5	2306.4	2319.4	2336.2	2351.6	2358.0	2365.1	2372.4	2381.9	2392.3	2398.5
18°	2256.0	2268.2	2282.6	2299.2	2313.2	2320.6	2326.7	2335.8	2347.2	2361.7	2368.1
19°	2213.7	2227.7	2243.1	2259.4	2271.3	2278.4	2284.4	2295.1	2308.5	2325.0	2333.1
20°	2167.7	2182.3	2199.4	2216.3	2225.0	2231.5	2238.6	2250.4	2266.4	2284.4	2295.3
21°	2118.8	2134.3	2151.3	2169.6	2176.9	2180.9	2187.9	2203.5	2220.4	2239.3	2252.9
22°	2072.7	2092.0	2106.9	2119.3	2123.7	2125.4	2136.6	2153.1	2170.0	2190.7	2206.9
23°	2027.7	2053.5	2067.2	2070.9	2068.3	2067.8	2081.8	2102.1	2119.9	2138.4	2156.7
24°	1986.0	2017.8	2030.2	2024.9	2010.2	2008.1	2026.5	2051.5	2069.3	2083.9	2101.8
25°	1950.0	1986.4	1994.6	1978.4	1952.6	1949.3	1970.8	1999.4	2019.8	2028.7	2046.2
26°	1913.9	1955.9	1961.6	1932.8	1895.5	1892.9	1917.7	1952.0	1971.0	1974.4	1991.2
27°	1878.0	1927.5	1928.3	1888.3	1840.2	1837.2	1868.3	1905.3	1923.3	1921.0	1934.7
28°	1842.0	1899.6	1895.8	1844.1	1788.5	1784.4	1821.2	1863.4	1877.7	1868.4	1877.3
29°	1807.7	1871.4	1863.2	1800.2	1737.8	1732.7	1775.0	1821.4	1831.7	1817.8	1822.9
30°	1775.6	1843.2	1831.1	1755.3	1687.3	1683.0	1731.9	1780.0	1788.5	1767.7	1767.6
31°	1742.8	1814.9	1799.2	1711.2	1638.2	1635.1	1689.8	1740.9	1747.4	1718.4	1715.0
32°	1711.0	1786.9	1768.5	1667.5	1590.7	1589.7	1648.4	1702.1	1706.7	1669.3	1663.4
33°	1678.6	1759.2	1736.3	1625.1	1545.1	1547.2	1607.4	1665.2	1665.6	1620.4	1614.3
34°	1645.4	1732.8	1702.6	1583.7	1500.1	1505.3	1567.7	1627.5	1626.9	1572.5	1564.9
35°	1610.7	1706.2	1668.1	1541.3	1455.5	1462.7	1526.2	1588.6	1587.2	1524.3	1516.1
36°	1574.1	1676.1	1630.7	1496.2	1410.3	1419.9	1483.6	1549.3	1545.7	1476.8	1468.1
37°	1533.5	1639.8	1589.5	1451.1	1363.7	1374.9	1441.8	1509.3	1502.1	1429.7	1420.7
38°	1486.3	1596.7	1543.9	1402.2	1315.1	1327.2	1398.8	1466.9	1455.9	1380.9	1373.5
39°	1433.1	1547.8	1492.0	1348.8	1264.1	1276.0	1352.8	1422.3	1407.6	1330.4	1324.0
40°	1373.3	1491.6	1433.3	1290.9	1208.2	1221.3	1301.6	1371.6	1355.5	1278.6	1274.0
41°	1309.2	1429.8	1366.4	1229.1	1149.5	1163.9	1245.5	1313.3	1296.5	1222.9	1220.4
42°	1239.7	1361.4	1292.5	1161.0	1088.0	1103.8	1184.8	1249.4	1231.3	1164.2	1162.4
43°	1168.2	1287.7	1215.3	1088.3	1023.3	1041.7	1119.5	1179.0	1159.1	1102.6	1098.6
44°	1100.0	1216.1	1139.1	1014.6	954.1	975.7	1053.0	1105.9	1080.9	1036.0	1033.8

REPORT NUMBER: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1031.8	1145.1	1062.6	942.0	890.6	908.1	983.7	1032.5	1000.4	966.8	968.3
46°	967.9	1077.5	992.4	875.8	827.0	840.5	917.3	960.7	918.0	895.5	903.4
47°	893.0	997.7	914.0	809.6	763.4	772.9	850.8	895.7	846.3	826.3	840.9
48°	818.1	931.7	835.7	742.7	695.3	699.2	784.1	823.7	771.8	762.0	780.3
49°	743.3	865.7	757.7	653.4	605.7	609.7	701.3	751.1	695.4	693.0	706.8
50°	679.6	799.7	695.4	576.9	511.4	529.9	614.5	674.0	624.9	620.3	623.5
51°	621.6	735.6	651.9	514.1	426.4	462.0	538.5	604.0	567.7	546.9	539.2
52°	577.0	670.7	599.8	447.0	350.2	390.6	480.5	550.4	518.9	482.2	469.4
53°	552.3	635.9	574.0	415.8	308.4	345.3	444.9	512.7	472.9	431.2	421.8
54°	519.5	602.3	545.3	380.1	265.3	313.7	420.6	467.1	427.3	399.0	390.4
55°	484.8	558.5	497.6	340.1	223.0	285.8	402.1	425.6	387.9	366.8	359.5
56°	434.4	508.2	446.1	302.5	188.8	262.9	381.2	391.2	348.7	334.6	328.5
57°	386.9	454.2	400.1	266.9	167.1	245.4	353.0	356.9	309.5	312.5	300.8
58°	353.2	409.0	359.0	235.4	153.8	229.5	325.8	322.6	270.0	280.9	276.9
59°	316.7	372.8	321.6	211.6	142.3	206.1	308.7	296.0	250.5	254.1	254.5
60°	277.4	333.0	283.9	195.1	132.4	182.7	279.6	269.0	223.0	238.8	233.5
61°	246.0	292.2	250.1	173.3	123.5	165.3	247.9	239.6	190.9	216.9	213.4
62°	218.9	256.2	218.2	152.6	115.5	152.9	224.3	218.5	169.0	194.6	194.8
63°	193.2	223.7	192.8	135.9	108.2	139.9	206.3	200.5	150.1	172.8	177.6
64°	174.6	196.4	171.1	122.3	101.3	128.2	185.2	180.6	134.0	155.5	160.8
65°	156.3	171.8	152.7	110.3	94.4	116.6	165.2	161.7	121.6	141.3	145.4
66°	138.9	151.4	135.4	100.6	87.5	106.7	147.2	144.0	110.4	128.0	131.8
67°	123.1	132.2	120.7	91.0	81.0	96.8	130.3	127.7	100.8	115.4	119.0
68°	108.7	114.6	107.3	81.3	74.5	86.9	115.1	112.3	91.5	103.3	106.2
69°	94.3	99.5	93.9	73.1	68.7	79.1	102.9	98.4	82.7	91.8	93.5
70°	79.9	84.5	80.6	65.5	63.1	71.5	90.7	85.7	74.3	81.1	81.6
71°	68.6	73.3	70.0	58.2	57.7	64.4	78.5	75.0	66.3	71.1	71.3
72°	58.7	63.0	60.7	51.7	52.3	58.1	69.4	65.9	59.3	62.6	62.4
73°	50.2	53.5	52.3	45.7	46.9	52.2	61.3	57.6	52.8	55.0	54.8
74°	42.3	45.1	44.6	40.1	41.7	46.4	53.6	50.2	46.8	48.3	48.0
75°	35.5	37.8	37.3	34.7	36.6	40.9	46.2	43.4	40.7	42.0	41.6
76°	29.7	31.5	31.3	29.4	32.0	35.5	39.1	37.7	35.5	36.6	35.9
77°	24.8	26.2	26.1	24.8	27.5	30.4	33.0	32.0	30.2	31.2	30.2
78°	20.4	21.7	21.6	20.8	23.2	25.6	27.8	26.3	25.5	25.8	24.6
79°	16.6	17.6	17.6	17.4	19.3	21.7	23.3	22.2	21.6	21.7	20.5
80°	13.4	14.1	14.2	14.3	15.9	18.0	19.3	17.8	17.8	17.7	16.8
81°	10.9	11.6	11.6	11.7	12.9	14.5	15.7	14.2	14.2	14.2	13.5
82°	8.4	9.0	9.0	9.1	10.4	11.7	12.5	11.5	11.4	11.2	10.4
83°	6.0	6.5	6.3	6.5	7.8	8.8	9.8	8.9	8.6	8.3	7.3
84°	4.0	4.4	4.4	4.5	5.3	6.0	7.1	6.6	6.2	5.7	4.7
85°	2.5	2.8	2.8	2.9	3.5	4.1	4.5	4.4	4.0	4.1	3.0
86°	1.3	1.4	1.5	1.6	1.9	2.5	2.7	2.9	2.7	2.5	1.4
87°	0.6	0.6	0.6	0.7	0.8	1.2	1.4	1.4	1.4	0.8	0.4
88°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.2	0.1
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0

REPORT NUMBER: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

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: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

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: P1440298
CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

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: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	2566.2	2566.2	2566.2
1°	2566.6	2566.3	2565.6
2°	2566.2	2566.0	2565.0
3°	2566.1	2565.1	2563.4
4°	2564.4	2562.7	2559.6
5°	2560.5	2558.4	2554.7
6°	2555.8	2552.8	2548.1
7°	2548.3	2544.9	2539.6
8°	2540.2	2537.5	2532.7
9°	2532.9	2528.7	2523.8
10°	2523.1	2521.0	2513.2
11°	2512.3	2508.4	2500.7
12°	2499.1	2493.8	2485.0
13°	2483.7	2477.9	2467.4
14°	2465.4	2459.2	2448.0
15°	2445.6	2438.4	2425.0
16°	2421.6	2412.7	2397.6
17°	2394.5	2383.9	2366.1
18°	2364.8	2350.7	2332.3
19°	2331.2	2315.7	2295.1
20°	2293.3	2277.3	2256.3
21°	2252.7	2238.4	2216.7
22°	2208.8	2196.1	2175.4
23°	2160.4	2151.4	2131.0
24°	2109.9	2105.3	2086.7
25°	2059.9	2057.7	2045.3
26°	2008.5	2015.2	2007.7
27°	1958.6	1975.9	1972.3
28°	1908.8	1937.3	1937.8
29°	1862.4	1900.1	1906.8
30°	1814.2	1863.4	1878.0
31°	1767.5	1827.4	1847.9
32°	1723.8	1793.7	1818.8
33°	1680.2	1760.6	1791.8
34°	1637.0	1728.5	1764.8
35°	1592.0	1696.9	1737.1
36°	1550.1	1667.2	1709.1
37°	1509.1	1635.1	1678.9
38°	1463.5	1600.0	1645.0
39°	1413.2	1557.3	1603.9
40°	1359.0	1504.9	1553.1
41°	1300.7	1447.2	1498.5
42°	1236.0	1385.5	1433.9
43°	1171.1	1319.2	1362.5
44°	1104.9	1248.5	1287.8

REPORT NUMBER: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1035.8	1170.3	1203.5
46°	966.2	1090.7	1117.3
47°	896.0	1012.3	1033.0
48°	826.7	935.4	952.7
49°	754.9	852.5	868.0
50°	670.4	767.1	788.9
51°	581.6	671.4	728.2
52°	503.9	602.4	657.8
53°	458.2	532.9	562.5
54°	414.0	476.4	512.1
55°	384.2	438.1	467.3
56°	354.5	398.9	412.9
57°	324.9	359.6	363.1
58°	295.3	320.4	313.5
59°	268.2	290.0	278.6
60°	242.7	256.2	245.7
61°	221.1	226.3	215.1
62°	199.7	203.6	188.9
63°	178.3	182.4	167.7
64°	159.4	162.7	146.9
65°	142.8	145.0	129.9
66°	125.6	129.3	116.1
67°	109.3	116.1	104.0
68°	96.1	103.5	93.2
69°	84.5	92.0	83.0
70°	74.8	81.0	73.7
71°	65.8	71.4	65.2
72°	57.9	62.9	57.4
73°	50.6	54.4	49.9
74°	43.8	46.8	43.3
75°	38.0	40.5	37.6
76°	32.3	34.3	31.9
77°	26.5	28.0	26.2
78°	22.0	22.7	21.2
79°	18.2	17.9	16.3
80°	14.5	13.9	12.4
81°	11.1	10.4	9.3
82°	8.3	7.6	6.9
83°	5.9	5.6	4.9
84°	4.2	3.9	3.2
85°	2.5	2.2	1.4
86°	0.9	0.6	0.5
87°	0.2	0.2	0.2
88°	0.1	0.1	0.1
89°	0.0	0.0	0.0

REPORT NUMBER: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

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: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

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: P1440298

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)