

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: P1440300

Luminaire Tested: XSF60-KNYK-6Hx6V-850-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440300
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-850-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT 80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7803.4 lumens
Efficiency: N/A
Efficacy: 166.0 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

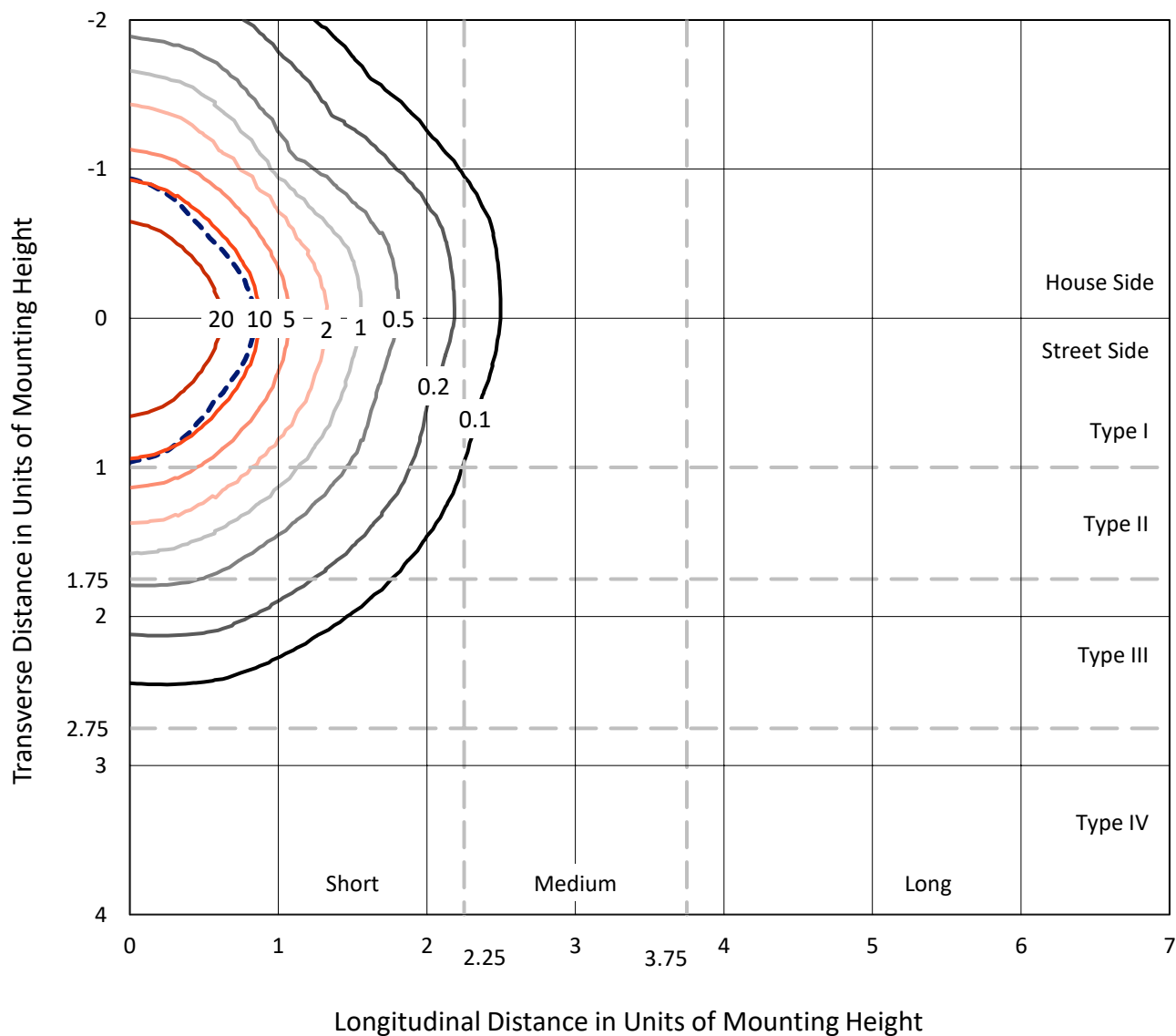
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



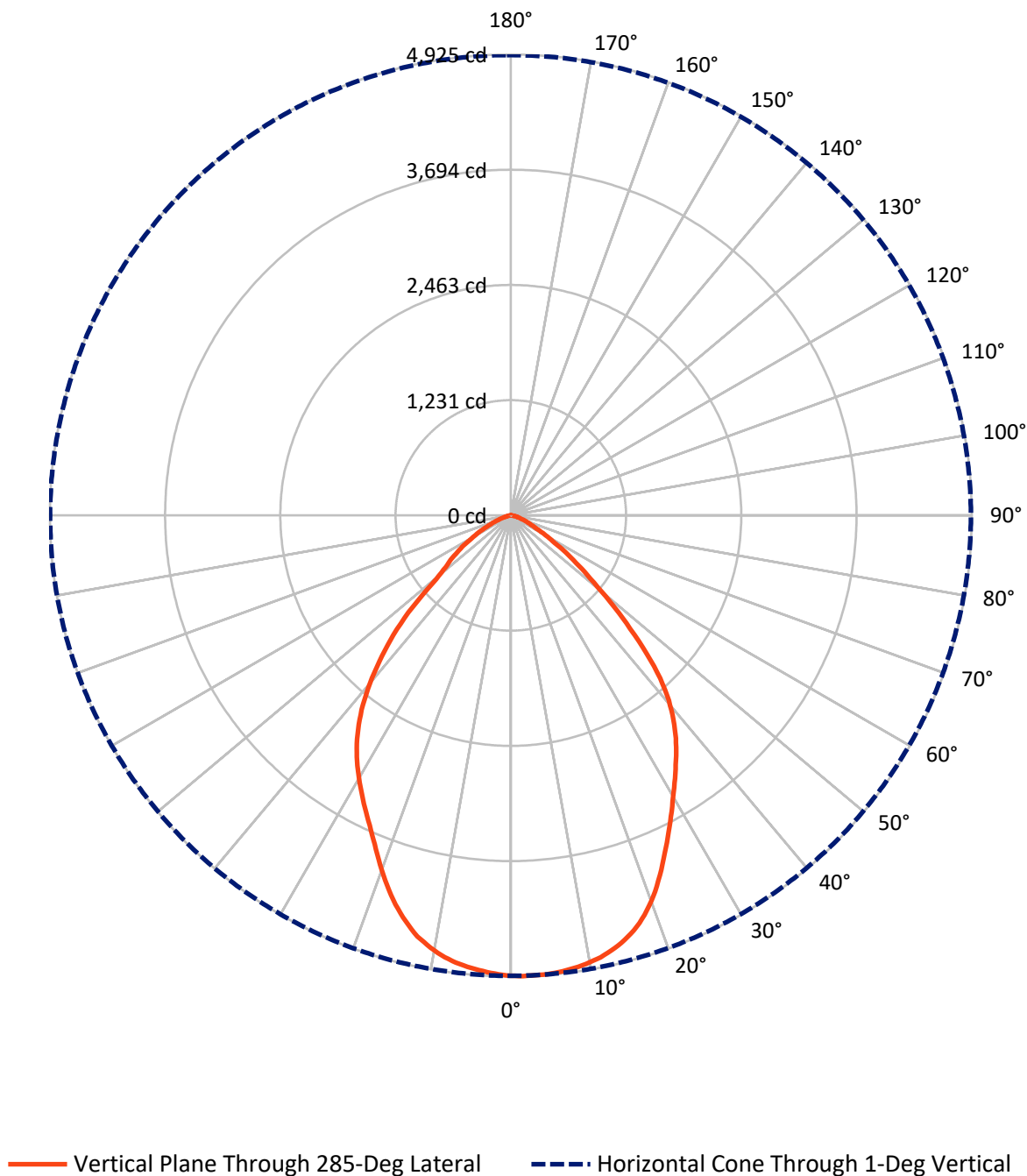
Based on 10 foot mounting height. Maximum calculated value = 49.2 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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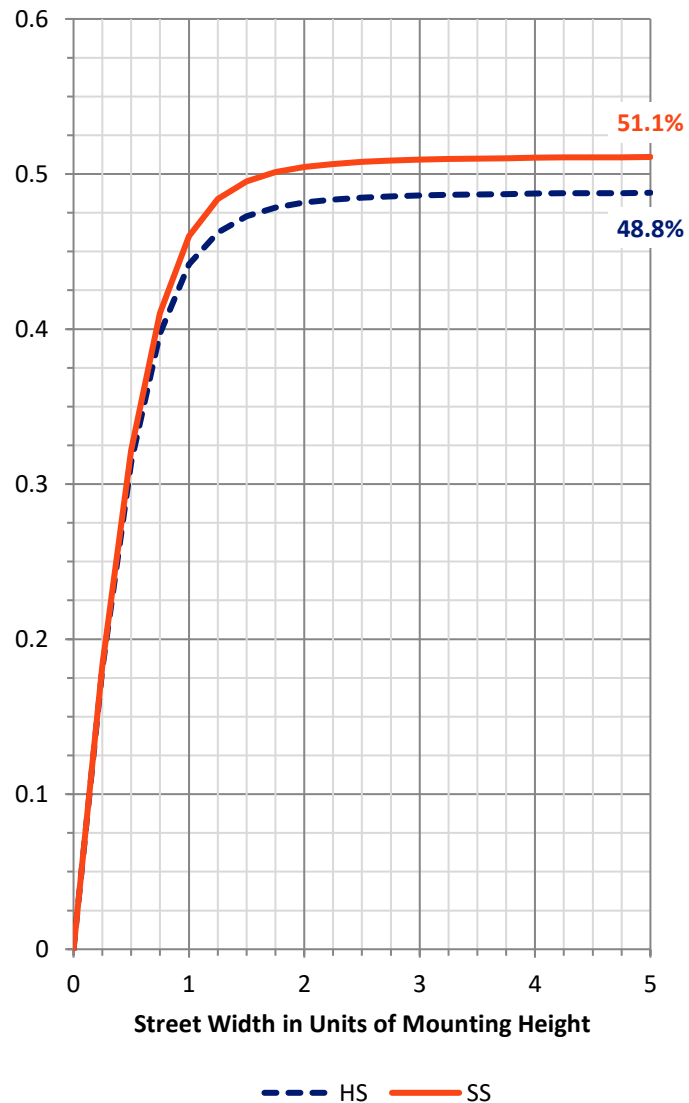
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3831.2	0.0	3831.2
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	3972.2	0.0	3972.2
	% Fixture	50.9	0.0	50.9
Total	Lumens	7803.4	0.0	7803.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	463.7	5.9
10°-20°	1286.1	16.5
20°-30°	1738.5	22.3
30°-40°	1850.8	23.7
40°-50°	1441.8	18.5
50°-60°	663.7	8.5
60°-70°	266.2	3.4
70°-80°	82.7	1.1
80°-90°	9.8	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°	7803.4	100.0
0°-180°	7803.4	100.0

Coefficient of Utilization



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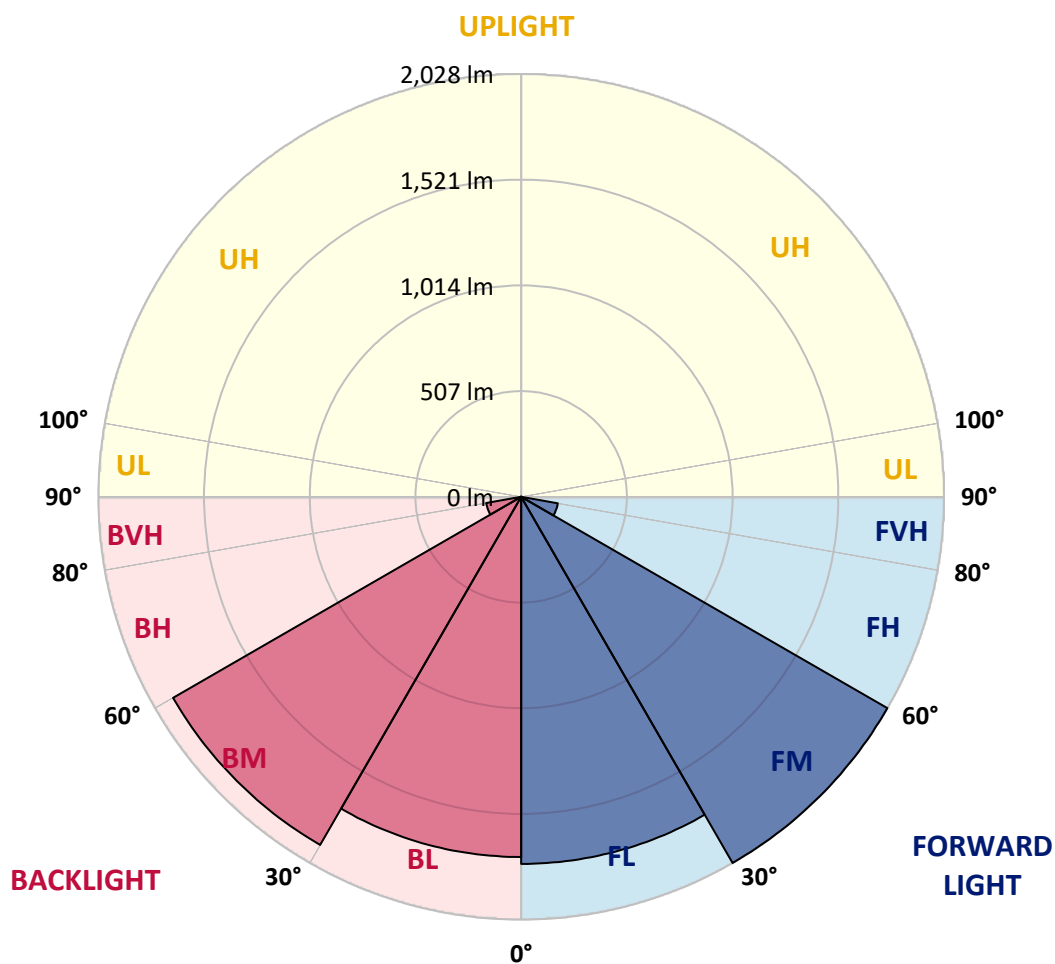
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1760.8	22.6			
FM	(30°-60°)	2028.1	26.0			
FH	(60°-80°)	178.6	2.3			G0/660
FVH	(80°-90°)	4.7	0.1			G0/10
BL	(0°-30°)	1727.5	22.1	B3/2500		
BM	(30°-60°)	1928.1	24.7	B2/2500		
BH	(60°-80°)	170.4	2.2	B1/500		G0/660
BVH	(80°-90°)	5.1	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°	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9
1°	4919.7	4919.4	4918.8	4918.3	4915.4	4915.7	4916.4	4915.6	4917.0	4916.5	4917.9
2°	4918.6	4916.3	4913.5	4913.0	4911.8	4908.5	4907.5	4904.8	4906.9	4909.6	4910.9
3°	4915.4	4912.0	4908.4	4904.7	4900.9	4898.3	4893.6	4894.7	4896.1	4899.2	4901.7
4°	4908.2	4903.2	4898.1	4893.7	4888.6	4883.8	4880.9	4878.4	4881.5	4885.0	4887.3
5°	4898.8	4891.4	4886.6	4878.1	4871.6	4867.2	4863.1	4862.1	4863.2	4866.2	4871.4
6°	4886.2	4878.1	4867.8	4860.5	4853.3	4848.6	4845.3	4845.2	4844.1	4846.4	4854.5
7°	4869.8	4861.7	4851.8	4841.4	4833.1	4827.5	4826.9	4825.3	4825.1	4827.5	4835.4
8°	4856.6	4845.0	4832.3	4821.7	4810.4	4803.7	4802.8	4801.5	4803.2	4807.0	4815.0
9°	4839.7	4825.0	4811.4	4799.5	4785.3	4777.8	4772.9	4772.7	4774.4	4779.7	4791.4
10°	4819.2	4803.5	4787.1	4771.9	4756.6	4746.4	4738.6	4739.2	4744.1	4749.6	4759.9
11°	4795.3	4776.0	4756.9	4739.3	4724.3	4711.4	4700.9	4699.7	4705.7	4715.4	4727.0
12°	4765.2	4744.5	4723.9	4702.7	4686.6	4669.8	4658.0	4654.3	4663.0	4674.2	4688.8
13°	4731.4	4709.6	4686.9	4662.7	4641.0	4622.8	4607.8	4607.7	4614.7	4628.1	4643.5
14°	4694.2	4668.6	4643.0	4617.2	4592.5	4569.5	4549.5	4548.2	4557.5	4574.9	4589.7
15°	4650.1	4621.7	4593.7	4566.4	4536.9	4508.1	4484.5	4481.4	4493.6	4515.2	4529.5
16°	4597.6	4565.7	4535.3	4508.4	4473.0	4441.4	4413.7	4411.3	4423.7	4445.6	4461.6
17°	4537.1	4506.0	4470.3	4442.3	4400.9	4366.4	4337.1	4335.7	4347.4	4368.7	4388.1
18°	4472.3	4437.5	4401.5	4366.4	4321.2	4287.7	4254.1	4253.3	4265.8	4286.1	4307.5
19°	4401.0	4362.9	4327.9	4286.1	4238.7	4203.0	4169.2	4167.1	4177.4	4198.5	4223.3
20°	4326.5	4288.0	4246.5	4196.8	4149.7	4113.1	4082.5	4077.0	4084.5	4103.6	4134.7
21°	4250.6	4208.0	4164.6	4104.9	4055.2	4022.3	3995.7	3985.9	3984.2	4005.0	4035.7
22°	4171.5	4122.5	4070.9	4006.0	3954.9	3930.5	3906.4	3892.0	3885.0	3904.7	3937.2
23°	4086.4	4031.5	3972.3	3902.4	3853.5	3840.3	3822.8	3802.7	3783.6	3795.8	3832.9
24°	4001.4	3944.1	3873.9	3798.6	3753.8	3754.4	3746.5	3718.8	3686.9	3688.4	3737.3
25°	3922.0	3863.3	3780.1	3697.2	3657.0	3673.9	3677.0	3638.1	3590.8	3582.9	3643.5
26°	3850.0	3786.9	3688.0	3596.4	3561.3	3597.0	3609.4	3563.6	3499.5	3485.6	3551.0
27°	3782.0	3713.7	3599.4	3497.0	3471.0	3523.0	3542.4	3491.6	3412.6	3386.7	3459.9
28°	3715.9	3640.6	3510.1	3400.8	3384.7	3450.5	3476.9	3421.4	3325.6	3291.8	3373.1
29°	3656.4	3570.0	3426.9	3308.4	3298.1	3379.5	3412.6	3350.6	3241.8	3198.3	3286.5
30°	3601.2	3502.9	3342.6	3216.2	3211.3	3309.2	3349.5	3280.7	3159.7	3107.1	3201.7
31°	3543.6	3435.7	3259.6	3126.9	3128.8	3238.6	3283.2	3209.2	3082.9	3022.0	3120.4
32°	3487.7	3371.7	3178.1	3041.9	3047.4	3169.0	3214.3	3136.9	3007.5	2937.2	3041.7
33°	3435.9	3311.2	3097.6	2956.4	2968.1	3093.8	3143.0	3062.0	2930.9	2854.9	2964.0
34°	3384.2	3252.2	3021.0	2872.0	2885.5	3018.3	3067.0	2982.9	2852.6	2771.9	2886.0
35°	3331.0	3193.5	2943.5	2784.5	2799.8	2936.2	2985.9	2897.5	2766.9	2686.9	2805.7
36°	3277.4	3132.0	2866.4	2692.9	2715.9	2850.1	2895.9	2808.8	2672.4	2596.0	2720.4
37°	3219.5	3064.4	2786.2	2603.1	2629.4	2761.9	2801.8	2716.2	2572.5	2494.3	2628.0
38°	3154.4	2984.8	2705.3	2517.3	2540.4	2664.9	2703.1	2617.6	2465.1	2385.1	2526.5
39°	3075.5	2895.2	2616.9	2425.1	2445.0	2562.5	2598.3	2510.3	2355.2	2273.5	2422.0
40°	2978.1	2798.1	2515.1	2325.2	2342.0	2447.7	2487.5	2397.7	2242.6	2161.2	2308.0
41°	2873.5	2691.3	2401.4	2217.5	2232.7	2326.3	2362.8	2284.1	2124.8	2046.5	2188.4
42°	2749.7	2572.1	2279.7	2103.5	2114.7	2192.1	2228.2	2158.0	1998.3	1927.1	2063.1
43°	2612.7	2442.5	2154.6	1983.4	1995.3	2051.1	2092.5	2035.5	1869.9	1801.5	1937.4
44°	2469.5	2299.5	2027.9	1861.5	1872.0	1913.0	1959.7	1909.8	1747.0	1691.1	1820.0

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2307.7	2153.1	1896.6	1739.1	1751.7	1783.6	1830.8	1792.0	1624.2	1580.6	1710.9
46°	2142.5	2006.3	1765.4	1621.3	1635.0	1655.9	1690.9	1649.5	1500.4	1470.1	1601.9
47°	1980.8	1864.2	1635.8	1505.9	1503.6	1511.1	1551.1	1506.5	1339.0	1354.7	1491.7
48°	1826.8	1724.8	1499.0	1371.7	1363.7	1375.9	1411.3	1346.6	1179.9	1211.5	1343.8
49°	1664.4	1571.3	1337.7	1224.0	1225.9	1245.3	1278.6	1185.5	1037.6	1067.9	1179.8
50°	1512.7	1408.6	1174.8	1065.3	1096.9	1117.2	1166.3	1050.4	886.4	886.6	1033.1
51°	1396.4	1238.7	1039.4	933.8	985.4	1021.8	1078.1	959.0	774.3	744.4	891.8
52°	1261.4	1081.9	933.1	838.5	887.9	936.3	999.0	890.7	695.2	632.1	796.3
53°	1078.6	984.1	831.4	784.0	799.4	846.0	927.6	837.3	628.0	545.0	740.3
54°	982.0	909.7	765.0	729.8	737.5	770.2	844.9	796.7	572.9	461.4	679.1
55°	896.0	807.4	699.2	675.6	675.7	694.5	774.1	744.1	522.6	390.9	606.8
56°	791.7	731.6	633.3	614.1	613.8	618.8	712.3	692.0	475.8	333.4	531.2
57°	696.3	656.6	573.0	562.8	577.7	566.1	648.8	639.4	440.3	299.6	470.3
58°	601.1	581.6	520.7	514.6	525.5	503.7	587.1	602.4	404.9	276.3	416.1
59°	534.2	533.6	476.3	467.0	484.7	451.8	531.9	543.5	359.1	256.7	373.7
60°	471.1	501.8	436.1	423.4	442.0	387.2	487.6	484.8	325.9	238.7	337.0
61°	412.4	454.4	391.2	385.2	396.7	333.1	437.8	447.2	307.2	223.0	304.1
62°	362.3	399.9	351.0	349.4	354.8	304.9	393.9	411.8	281.5	208.9	275.5
63°	321.6	351.9	315.0	316.1	320.4	280.9	359.6	375.1	255.9	195.8	250.8
64°	281.6	317.4	285.4	287.9	291.3	252.9	323.1	333.5	232.5	183.1	228.8
65°	249.1	283.3	260.2	262.8	263.2	227.7	288.6	296.1	211.3	170.4	207.5
66°	222.7	252.5	235.0	239.1	237.5	206.1	255.2	261.2	192.5	158.0	189.0
67°	199.5	224.9	211.5	216.2	212.9	187.0	223.8	228.9	173.7	145.9	170.5
68°	178.7	198.8	189.4	192.9	189.1	169.2	198.5	203.8	154.9	134.6	151.9
69°	159.1	174.2	167.7	170.0	167.2	151.7	173.2	178.8	140.5	123.6	136.0
70°	141.2	152.1	146.7	149.4	148.0	135.7	148.1	154.0	127.7	113.2	122.1
71°	125.1	133.4	128.3	130.5	130.8	121.4	130.7	137.0	115.8	103.2	108.5
72°	110.1	116.8	111.8	115.0	115.2	108.4	115.3	121.1	104.1	93.2	95.9
73°	95.7	101.1	96.7	101.0	101.5	96.1	101.2	105.9	92.9	83.4	84.2
74°	83.1	87.3	83.2	88.5	88.5	84.7	87.9	92.3	82.3	74.1	73.6
75°	72.1	75.3	71.7	77.2	77.5	74.3	75.8	79.0	72.0	65.0	63.1
76°	61.1	63.4	60.3	65.6	66.1	63.8	64.4	67.0	62.2	56.6	53.1
77°	50.2	51.4	48.8	54.1	54.7	53.3	54.7	57.0	53.4	48.5	44.6
78°	40.7	40.9	40.2	44.5	46.1	45.2	46.4	48.0	45.1	40.3	37.1
79°	31.3	32.3	32.8	36.7	38.2	37.4	38.4	39.7	37.6	33.3	30.8
80°	23.8	24.9	25.9	29.8	30.5	30.4	30.6	32.5	30.8	27.4	25.3
81°	17.8	18.7	19.6	24.0	25.1	25.0	25.0	26.4	24.4	22.3	20.5
82°	13.2	14.7	15.5	18.3	19.5	20.1	20.2	21.2	19.5	17.1	15.7
83°	9.4	10.2	10.5	12.6	13.7	14.8	15.4	15.9	14.5	12.0	11.0
84°	6.1	7.1	7.3	7.7	9.1	10.1	10.7	10.7	9.6	8.2	7.5
85°	2.7	4.0	4.3	4.7	5.9	7.2	6.9	6.9	6.2	5.1	4.7
86°	0.9	1.0	1.2	1.9	2.6	4.3	3.8	3.8	3.3	2.8	2.6
87°	0.3	0.3	0.4	0.5	0.9	1.4	1.4	1.5	1.4	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	0.2	0.2	0.2	0.2	0.2

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CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 2

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: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-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: P1440300
CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 2

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: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9	4920.9
1°	4918.8	4919.3	4920.8	4921.6	4921.4	4922.8	4921.4	4923.3	4925.3	4922.5	4922.5
2°	4914.7	4914.9	4916.4	4918.1	4920.3	4921.0	4921.7	4923.4	4922.0	4922.0	4921.4
3°	4905.3	4907.2	4910.3	4914.9	4918.0	4917.6	4921.4	4923.9	4919.9	4920.6	4919.7
4°	4891.4	4895.3	4899.1	4905.7	4910.0	4912.6	4916.0	4917.3	4918.2	4916.3	4918.2
5°	4876.1	4882.7	4889.7	4894.7	4900.6	4905.1	4909.7	4914.6	4912.6	4912.9	4914.3
6°	4861.1	4867.5	4874.9	4880.9	4889.4	4894.1	4898.6	4901.4	4902.3	4905.5	4906.9
7°	4843.8	4853.1	4861.6	4867.0	4874.2	4879.0	4883.7	4888.1	4889.9	4891.8	4893.6
8°	4824.8	4834.8	4843.4	4850.7	4859.2	4863.5	4867.5	4873.1	4875.9	4878.6	4876.6
9°	4800.2	4811.8	4822.5	4830.3	4839.7	4844.8	4848.7	4854.8	4859.4	4860.3	4858.2
10°	4771.6	4783.6	4795.6	4805.5	4817.3	4822.6	4828.8	4836.1	4838.3	4841.4	4841.2
11°	4738.2	4749.1	4760.9	4775.7	4790.3	4799.3	4805.9	4813.7	4818.4	4819.2	4821.4
12°	4700.5	4709.9	4725.9	4740.9	4754.9	4770.2	4778.9	4783.7	4788.1	4793.4	4796.1
13°	4653.7	4667.0	4683.2	4702.9	4718.1	4735.2	4741.5	4749.0	4755.2	4762.0	4766.2
14°	4600.8	4617.4	4633.8	4657.3	4676.9	4690.1	4700.8	4709.5	4718.2	4728.1	4733.9
15°	4540.9	4558.4	4577.8	4605.5	4630.1	4644.3	4652.0	4663.6	4673.8	4687.1	4695.1
16°	4475.9	4493.0	4515.6	4545.3	4573.6	4587.2	4597.6	4610.4	4625.4	4641.8	4648.8
17°	4403.7	4422.7	4447.6	4479.8	4509.3	4521.6	4535.3	4549.2	4567.5	4587.5	4599.3
18°	4326.1	4349.4	4377.1	4408.9	4435.8	4449.9	4461.7	4479.1	4500.9	4528.7	4541.0
19°	4244.9	4271.8	4301.3	4332.6	4355.3	4369.0	4380.6	4400.9	4426.7	4458.4	4473.8
20°	4156.7	4184.7	4217.5	4250.0	4266.6	4279.0	4292.7	4315.3	4345.9	4380.5	4401.4
21°	4062.9	4092.6	4125.3	4160.3	4174.3	4182.0	4195.4	4225.4	4257.8	4294.1	4320.1
22°	3974.6	4011.5	4040.2	4063.8	4072.3	4075.7	4097.1	4128.6	4161.1	4200.8	4232.0
23°	3888.3	3937.7	3964.0	3971.0	3966.1	3965.2	3992.0	4030.9	4065.1	4100.5	4135.6
24°	3808.4	3869.3	3893.0	3883.0	3854.7	3850.6	3886.0	3933.9	3968.0	3996.0	4030.3
25°	3739.2	3809.0	3824.7	3793.8	3744.3	3738.0	3779.2	3834.0	3873.1	3890.1	3923.8
26°	3670.0	3750.5	3761.4	3706.2	3634.7	3629.7	3677.4	3743.1	3779.5	3786.0	3818.3
27°	3601.3	3696.1	3697.6	3621.0	3528.7	3523.0	3582.5	3653.5	3688.1	3683.7	3709.9
28°	3532.1	3642.5	3635.3	3536.2	3429.7	3421.7	3492.2	3573.1	3600.6	3582.9	3599.8
29°	3466.4	3588.6	3572.8	3452.0	3332.4	3322.5	3403.7	3492.7	3512.4	3485.8	3495.5
30°	3404.8	3534.5	3511.2	3365.8	3235.4	3227.3	3321.1	3413.3	3429.6	3389.7	3389.6
31°	3342.0	3480.3	3450.1	3281.3	3141.4	3135.4	3240.3	3338.4	3350.7	3295.1	3288.6
32°	3280.9	3426.4	3391.3	3197.6	3050.3	3048.3	3160.9	3264.0	3272.7	3200.9	3189.7
33°	3218.9	3373.5	3329.5	3116.2	2962.8	2966.9	3082.3	3193.1	3193.8	3107.3	3095.5
34°	3155.1	3322.8	3264.8	3037.0	2876.6	2886.5	3006.1	3120.9	3119.7	3015.4	3000.8
35°	3088.6	3271.7	3198.6	2955.6	2791.1	2804.8	2926.6	3046.3	3043.6	2923.0	2907.3
36°	3018.5	3214.0	3127.0	2869.0	2704.3	2722.7	2845.0	2970.9	2964.1	2831.9	2815.2
37°	2940.6	3144.5	3048.1	2782.6	2615.1	2636.4	2764.7	2894.2	2880.4	2741.5	2724.3
38°	2850.2	3061.8	2960.5	2688.7	2521.8	2545.0	2682.4	2813.0	2791.8	2647.9	2633.8
39°	2748.1	2968.1	2861.0	2586.4	2424.0	2446.9	2594.1	2727.3	2699.2	2551.1	2538.8
40°	2633.5	2860.3	2748.4	2475.3	2316.8	2342.0	2495.8	2630.1	2599.2	2451.9	2443.1
41°	2510.4	2741.8	2620.2	2357.0	2204.2	2232.0	2388.3	2518.4	2486.1	2344.9	2340.3
42°	2377.1	2610.5	2478.4	2226.3	2086.4	2116.5	2271.9	2395.8	2361.2	2232.5	2228.9
43°	2240.2	2469.2	2330.5	2087.0	1962.2	1997.5	2146.7	2260.8	2222.6	2114.3	2106.7
44°	2109.3	2332.0	2184.3	1945.5	1829.6	1870.9	2019.2	2120.7	2072.6	1986.7	1982.4

REPORT NUMBER: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1978.6	2195.8	2037.5	1806.4	1707.7	1741.3	1886.3	1979.8	1918.3	1854.0	1856.7
46°	1855.9	2066.1	1903.0	1679.3	1585.8	1611.7	1758.9	1842.2	1760.3	1717.1	1732.4
47°	1712.4	1913.1	1752.7	1552.4	1463.9	1482.0	1631.4	1717.5	1622.8	1584.5	1612.5
48°	1568.7	1786.5	1602.5	1424.2	1333.3	1340.8	1503.6	1579.6	1480.0	1461.1	1496.3
49°	1425.3	1660.0	1453.0	1253.0	1161.5	1169.1	1344.8	1440.3	1333.5	1328.9	1355.3
50°	1303.1	1533.5	1333.6	1106.3	980.7	1016.1	1178.4	1292.4	1198.2	1189.5	1195.7
51°	1192.0	1410.5	1250.0	985.8	817.7	885.9	1032.5	1158.1	1088.6	1048.7	1033.9
52°	1106.5	1286.2	1150.1	857.1	671.5	749.0	921.4	1055.3	995.0	924.6	900.1
53°	1059.2	1219.4	1100.8	797.3	591.3	662.2	853.1	983.1	906.9	826.9	808.8
54°	996.1	1154.9	1045.7	728.8	508.8	601.5	806.6	895.7	819.3	765.1	748.7
55°	929.7	1070.9	954.2	652.1	427.7	547.9	771.1	816.2	743.8	703.4	689.3
56°	833.0	974.5	855.5	580.2	362.1	504.1	731.0	750.2	668.6	641.7	630.0
57°	742.0	870.9	767.2	511.8	320.5	470.6	677.0	684.4	593.4	599.3	576.8
58°	677.2	784.4	688.3	451.5	295.0	440.0	624.8	618.6	517.8	538.6	530.9
59°	607.2	714.9	616.7	405.8	272.8	395.3	592.0	567.5	480.3	487.2	487.9
60°	532.0	638.6	544.4	374.0	253.8	350.3	536.2	515.9	427.6	457.8	447.8
61°	471.8	560.3	479.6	332.3	236.8	317.1	475.3	459.5	366.1	415.8	409.2
62°	419.8	491.3	418.4	292.6	221.5	293.2	430.1	419.1	324.0	373.2	373.5
63°	370.4	429.0	369.7	260.7	207.4	268.3	395.6	384.5	287.9	331.4	340.6
64°	334.7	376.6	328.1	234.5	194.2	245.8	355.1	346.4	257.0	298.2	308.4
65°	299.7	329.4	292.8	211.5	181.0	223.7	316.8	310.1	233.1	270.9	278.8
66°	266.4	290.4	259.7	193.0	167.7	204.6	282.3	276.1	211.8	245.5	252.6
67°	236.1	253.6	231.5	174.5	155.3	185.6	249.9	244.8	193.2	221.3	228.2
68°	208.4	219.8	205.8	156.0	142.9	166.7	220.8	215.4	175.4	198.1	203.6
69°	180.7	190.8	180.1	140.2	131.7	151.6	197.3	188.8	158.5	176.1	179.3
70°	153.2	162.1	154.5	125.5	121.1	137.1	173.9	164.4	142.5	155.6	156.6
71°	131.5	140.5	134.2	111.6	110.7	123.6	150.5	143.9	127.1	136.4	136.7
72°	112.6	120.8	116.4	99.2	100.3	111.4	133.1	126.4	113.6	120.0	119.7
73°	96.3	102.6	100.3	87.6	89.9	100.1	117.5	110.4	101.2	105.5	105.1
74°	81.1	86.5	85.4	76.9	80.0	89.1	102.7	96.2	89.7	92.6	92.0
75°	68.0	72.5	71.6	66.6	70.2	78.3	88.6	83.2	78.1	80.4	79.8
76°	56.9	60.4	60.0	56.4	61.4	68.2	74.9	72.3	68.0	70.1	68.9
77°	47.5	50.3	50.1	47.5	52.8	58.3	63.2	61.4	57.8	59.8	58.0
78°	39.1	41.6	41.5	39.9	44.4	49.2	53.3	50.5	48.8	49.4	47.1
79°	31.9	33.8	33.8	33.4	36.9	41.5	44.7	42.6	41.4	41.6	39.3
80°	25.7	27.1	27.3	27.3	30.5	34.5	37.0	34.2	34.1	33.9	32.3
81°	20.9	22.2	22.2	22.4	24.8	27.8	30.1	27.3	27.2	27.1	25.9
82°	16.2	17.3	17.2	17.5	19.9	22.4	23.9	22.0	21.9	21.4	19.9
83°	11.4	12.4	12.2	12.6	15.0	16.9	18.8	17.1	16.5	15.9	14.1
84°	7.8	8.5	8.4	8.7	10.2	11.5	13.6	12.6	11.9	11.0	9.0
85°	4.9	5.3	5.3	5.5	6.6	7.8	8.5	8.4	7.8	7.8	5.8
86°	2.4	2.7	2.9	3.1	3.6	4.8	5.1	5.5	5.2	4.7	2.6
87°	1.1	1.1	1.2	1.4	1.6	2.4	2.7	2.6	2.6	1.6	0.8
88°	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.7	0.7	0.5	0.2
89°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1

REPORT NUMBER: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-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: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-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: P1440300
CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-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: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4920.9	4920.9	4920.9
1°	4921.7	4921.1	4919.7
2°	4920.9	4920.5	4918.6
3°	4920.8	4918.8	4915.4
4°	4917.5	4914.1	4908.2
5°	4910.0	4905.9	4898.8
6°	4900.9	4895.1	4886.2
7°	4886.5	4880.1	4869.8
8°	4871.1	4865.9	4856.6
9°	4857.0	4848.9	4839.7
10°	4838.3	4834.2	4819.2
11°	4817.5	4810.1	4795.3
12°	4792.3	4782.1	4765.2
13°	4762.7	4751.5	4731.4
14°	4727.5	4715.7	4694.2
15°	4689.7	4675.8	4650.1
16°	4643.6	4626.5	4597.6
17°	4591.6	4571.3	4537.1
18°	4534.7	4507.7	4472.3
19°	4470.3	4440.6	4401.0
20°	4397.5	4367.0	4326.5
21°	4319.7	4292.4	4250.6
22°	4235.5	4211.3	4171.5
23°	4142.8	4125.4	4086.4
24°	4045.9	4037.0	4001.4
25°	3950.1	3945.9	3922.0
26°	3851.4	3864.2	3850.0
27°	3755.8	3789.0	3782.0
28°	3660.2	3715.0	3715.9
29°	3571.4	3643.6	3656.4
30°	3478.9	3573.1	3601.2
31°	3389.2	3504.2	3543.6
32°	3305.6	3439.5	3487.7
33°	3222.0	3376.1	3435.9
34°	3139.2	3314.6	3384.2
35°	3052.8	3253.9	3331.0
36°	2972.4	3197.0	3277.4
37°	2893.9	3135.3	3219.5
38°	2806.3	3068.1	3154.4
39°	2709.9	2986.2	3075.5
40°	2605.9	2885.7	2978.1
41°	2494.2	2775.1	2873.5
42°	2370.1	2656.8	2749.7
43°	2245.8	2529.6	2612.7
44°	2118.8	2394.1	2469.5

REPORT NUMBER: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1986.2	2244.1	2307.7
46°	1852.7	2091.5	2142.5
47°	1718.1	1941.2	1980.8
48°	1585.3	1793.7	1826.8
49°	1447.5	1634.7	1664.4
50°	1285.6	1470.9	1512.7
51°	1115.2	1287.4	1396.4
52°	966.3	1155.1	1261.4
53°	878.6	1021.9	1078.6
54°	793.8	913.5	982.0
55°	736.7	840.0	896.0
56°	679.9	764.8	791.7
57°	623.1	689.6	696.3
58°	566.3	614.4	601.1
59°	514.4	556.2	534.2
60°	465.3	491.4	471.1
61°	424.0	433.9	412.4
62°	382.9	390.4	362.3
63°	341.8	349.8	321.6
64°	305.7	312.0	281.6
65°	273.8	278.1	249.1
66°	240.8	248.0	222.7
67°	209.6	222.6	199.5
68°	184.3	198.5	178.7
69°	161.9	176.4	159.1
70°	143.5	155.2	141.2
71°	126.1	136.9	125.1
72°	110.9	120.6	110.1
73°	97.1	104.4	95.7
74°	84.0	89.7	83.1
75°	72.9	77.7	72.1
76°	61.9	65.7	61.1
77°	50.8	53.8	50.2
78°	42.1	43.6	40.7
79°	34.9	34.4	31.3
80°	27.9	26.6	23.8
81°	21.2	19.9	17.8
82°	15.9	14.5	13.2
83°	11.4	10.7	9.4
84°	8.1	7.5	6.1
85°	4.9	4.3	2.7
86°	1.6	1.1	0.9
87°	0.5	0.4	0.3
88°	0.2	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-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: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-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: P1440300

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)