

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: P1440299

Luminaire Tested: XSF60-KNYK-6Hx6V-850-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440299
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-850-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT 80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9798 lumens
Efficiency: N/A
Efficacy: 155.5 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): 63
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

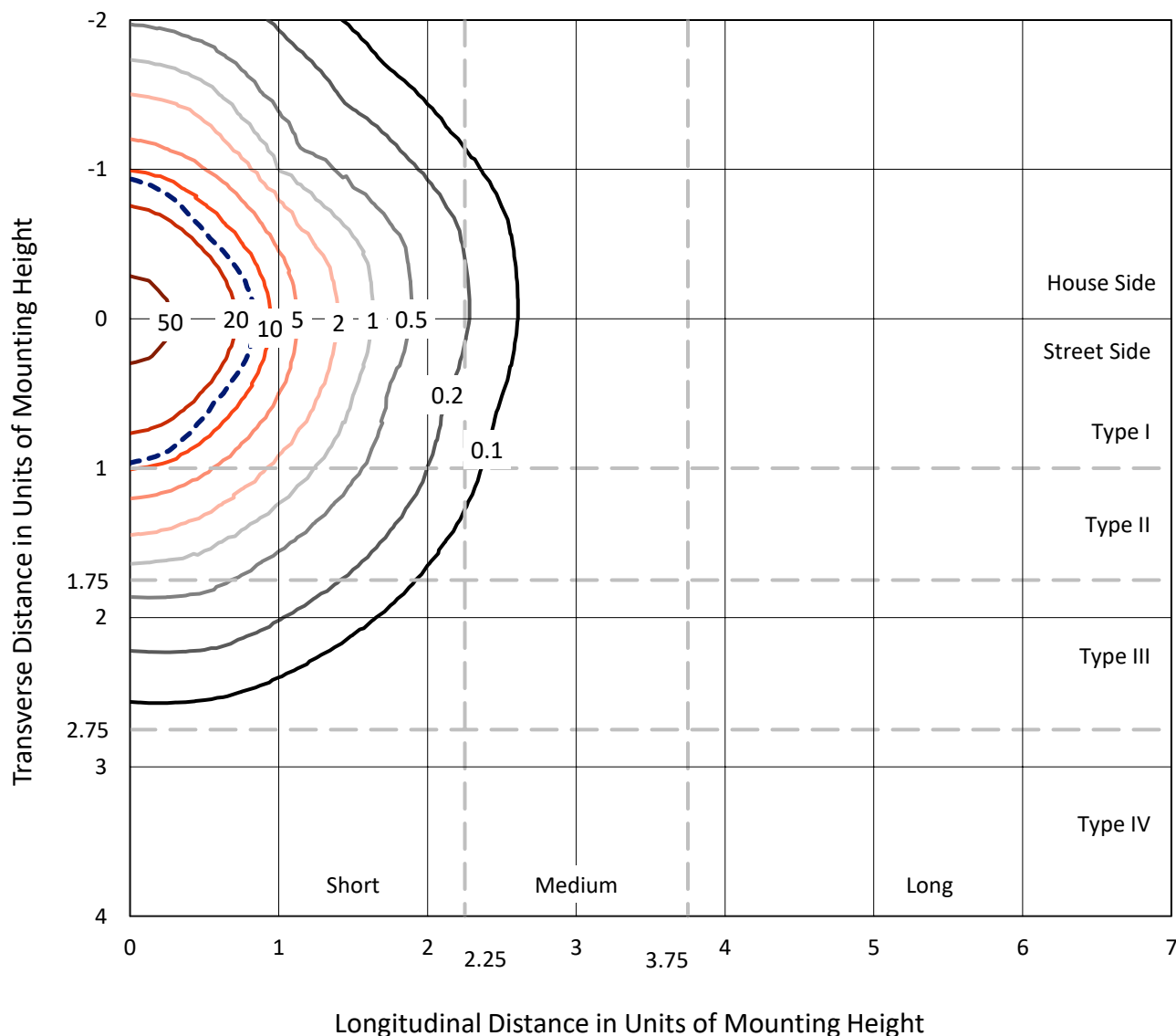
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

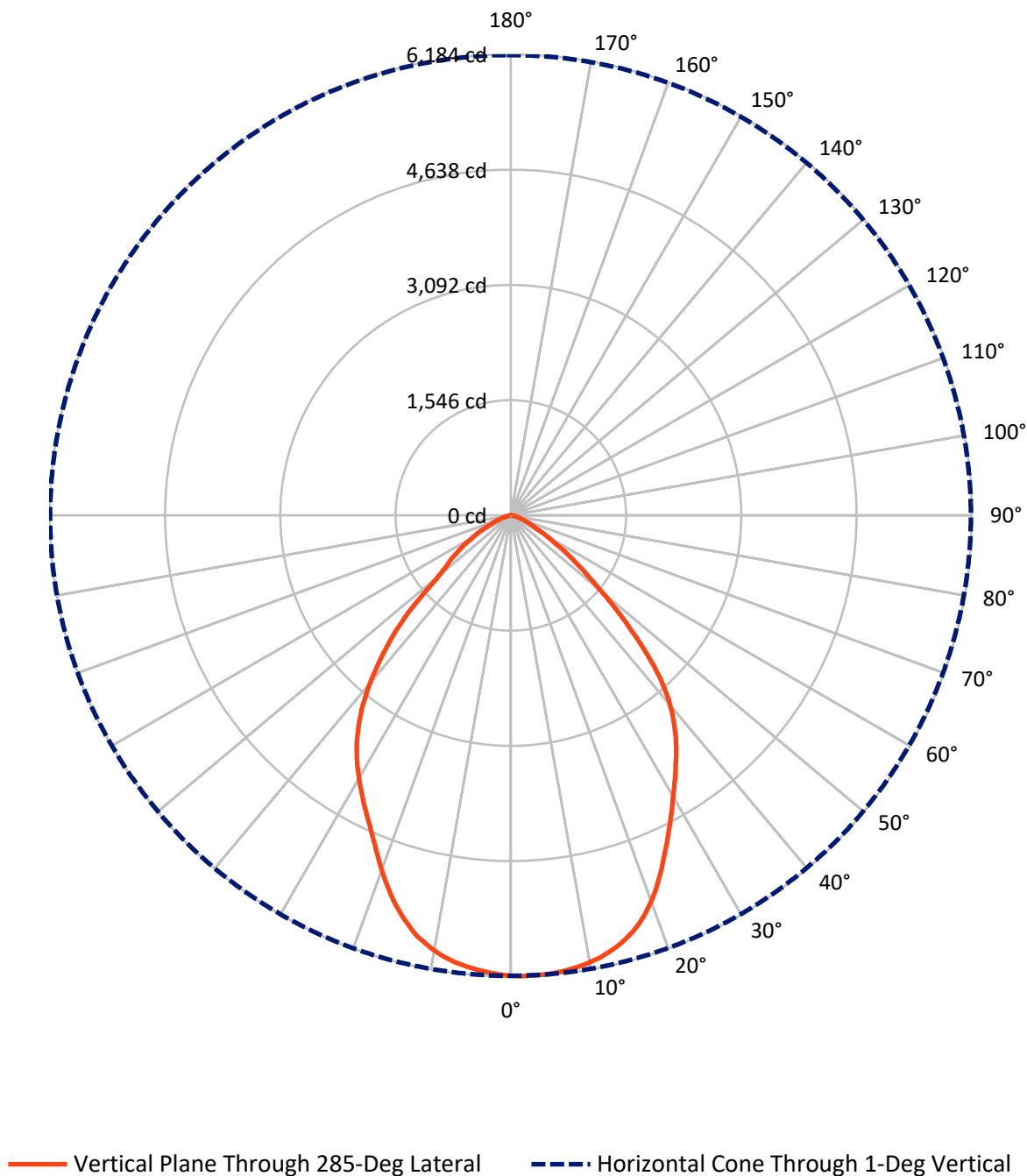


Based on 10 foot mounting height. Maximum calculated value = 61.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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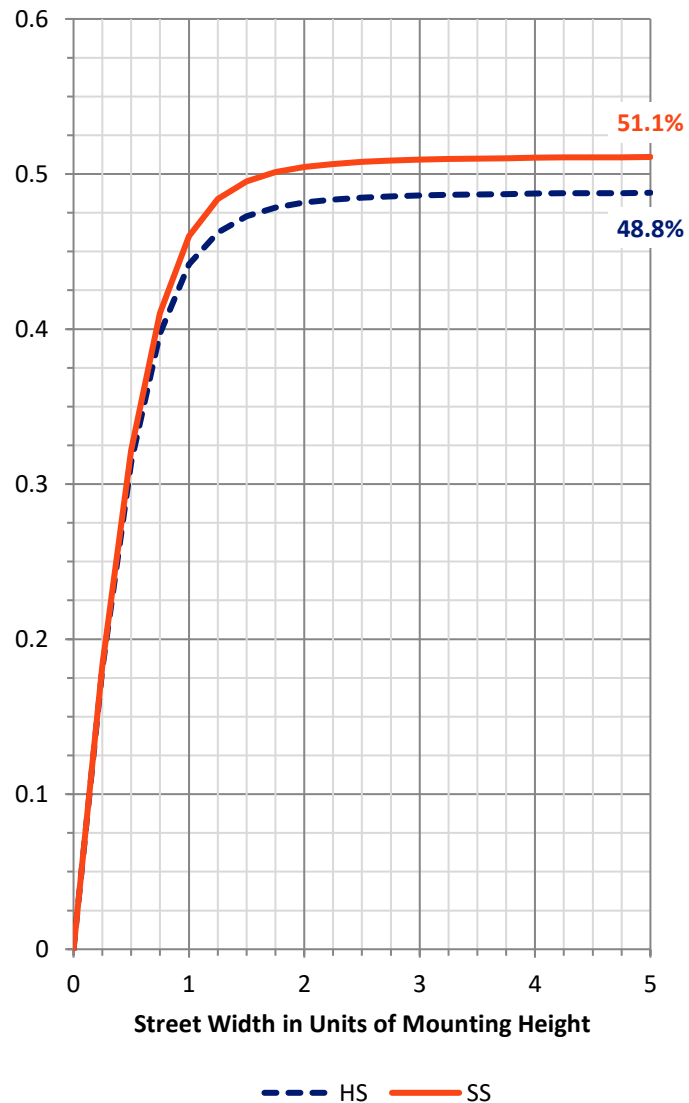
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4810.5	0.0	4810.5
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	4987.5	0.0	4987.5
	% Fixture	50.9	0.0	50.9
Total	Lumens	9798.0	0.0	9798.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	582.3	5.9
10°-20°	1614.8	16.5
20°-30°	2182.9	22.3
30°-40°	2323.8	23.7
40°-50°	1810.3	18.5
50°-60°	833.3	8.5
60°-70°	334.3	3.4
70°-80°	103.9	1.1
80°-90°	12.4	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°	9798.0	100.0
0°-180°	9798.0	100.0

Coefficient of Utilization



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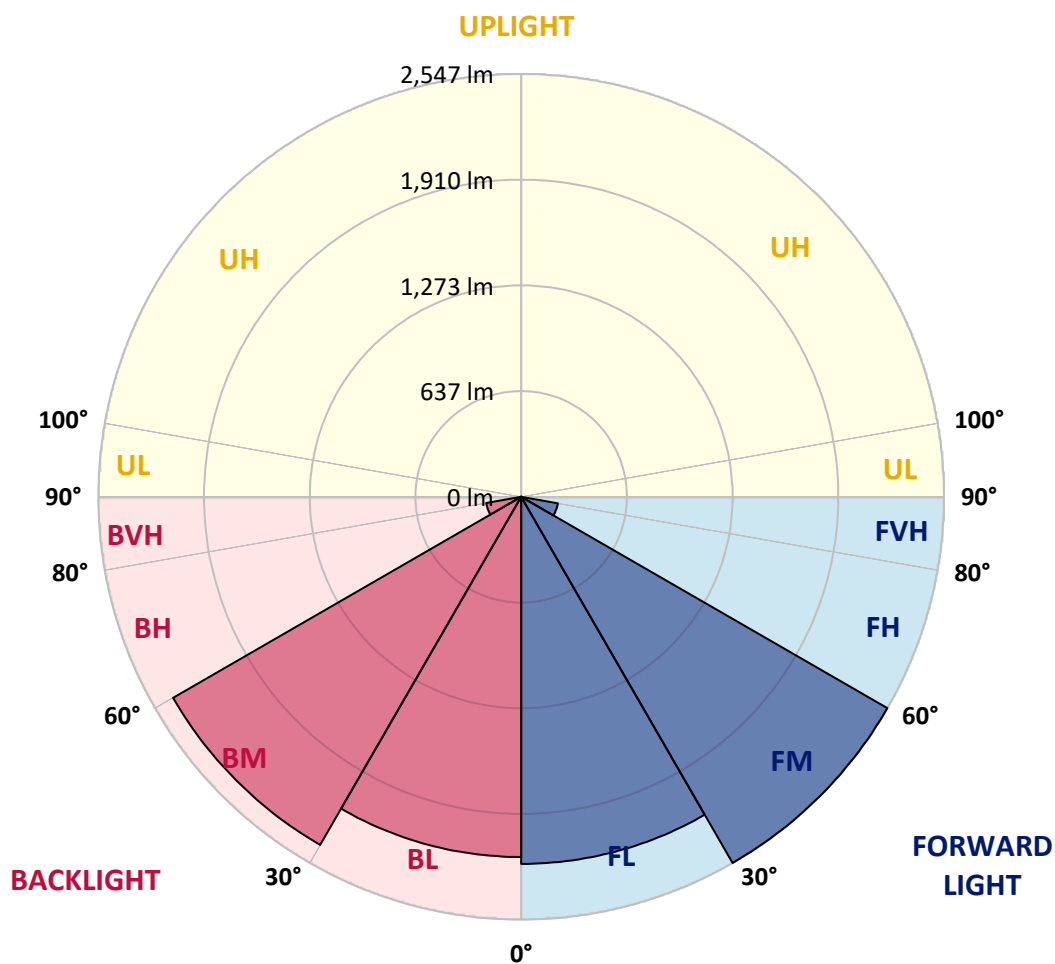
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2210.8	22.6			
FM	(30°-60°)	2546.5	26.0			
FH	(60°-80°)	224.2	2.3			G0/660
FVH	(80°-90°)	5.9	0.1			G0/10
BL	(0°-30°)	2169.1	22.1	B3/2500		
BM	(30°-60°)	2421.0	24.7	B2/2500		
BH	(60°-80°)	214.0	2.2	B1/500		G0/660
BVH	(80°-90°)	6.4	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°	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7
1°	6177.2	6176.9	6176.1	6175.5	6171.9	6172.2	6173.1	6172.1	6173.8	6173.3	6175.0
2°	6175.8	6172.9	6169.4	6168.8	6167.3	6163.2	6162.0	6158.6	6161.1	6164.5	6166.2
3°	6171.9	6167.6	6163.1	6158.5	6153.7	6150.4	6144.5	6145.8	6147.6	6151.6	6154.6
4°	6162.8	6156.6	6150.1	6144.6	6138.2	6132.2	6128.6	6125.4	6129.3	6133.7	6136.6
5°	6151.0	6141.8	6135.7	6125.0	6116.9	6111.3	6106.2	6105.0	6106.3	6110.1	6116.7
6°	6135.2	6125.1	6112.1	6102.9	6093.9	6087.9	6083.8	6083.7	6082.3	6085.3	6095.4
7°	6114.6	6104.4	6092.0	6078.9	6068.6	6061.4	6060.7	6058.7	6058.5	6061.5	6071.4
8°	6098.0	6083.5	6067.5	6054.2	6040.0	6031.6	6030.5	6028.9	6031.0	6035.8	6045.8
9°	6076.8	6058.3	6041.2	6026.3	6008.4	5999.1	5992.9	5992.7	5994.8	6001.4	6016.2
10°	6051.0	6031.3	6010.8	5991.6	5972.5	5959.7	5949.8	5950.7	5956.7	5963.6	5976.6
11°	6021.1	5996.8	5972.8	5950.8	5931.9	5915.7	5902.6	5901.1	5908.5	5920.8	5935.2
12°	5983.2	5957.3	5931.4	5904.8	5884.6	5863.5	5848.6	5844.0	5854.9	5869.0	5887.3
13°	5940.9	5913.4	5884.9	5854.6	5827.3	5804.5	5785.6	5785.5	5794.3	5811.1	5830.4
14°	5894.1	5861.9	5829.8	5797.4	5766.5	5737.5	5712.4	5710.8	5722.5	5744.3	5762.8
15°	5838.7	5803.1	5768.0	5733.7	5696.6	5660.5	5630.8	5626.9	5642.3	5669.3	5687.3
16°	5772.9	5732.7	5694.5	5660.8	5616.3	5576.7	5541.9	5538.9	5554.5	5582.0	5602.1
17°	5696.9	5657.8	5613.0	5577.8	5525.8	5482.6	5445.8	5443.9	5458.6	5485.4	5509.7
18°	5615.5	5571.8	5526.6	5482.5	5425.7	5383.7	5341.5	5340.5	5356.2	5381.7	5408.5
19°	5526.0	5478.1	5434.2	5381.7	5322.2	5277.3	5234.9	5232.3	5245.2	5271.7	5302.8
20°	5432.5	5384.0	5332.0	5269.5	5210.4	5164.5	5126.1	5119.2	5128.6	5152.6	5191.5
21°	5337.1	5283.6	5229.1	5154.2	5091.7	5050.4	5017.0	5004.8	5002.6	5028.7	5067.3
22°	5237.8	5176.2	5111.5	5030.0	4965.9	4935.2	4904.9	4886.9	4878.1	4902.8	4943.6
23°	5131.0	5062.0	4987.7	4899.9	4838.5	4821.9	4800.0	4774.7	4750.7	4766.0	4812.6
24°	5024.2	4952.2	4864.1	4769.6	4713.3	4714.1	4704.2	4669.4	4629.3	4631.2	4692.6
25°	4924.6	4850.8	4746.3	4642.3	4591.7	4613.0	4616.9	4568.1	4508.6	4498.7	4574.8
26°	4834.1	4754.8	4630.7	4515.6	4471.6	4516.5	4532.0	4474.5	4394.0	4376.6	4458.7
27°	4748.8	4663.0	4519.5	4390.8	4358.3	4423.5	4447.9	4384.1	4284.9	4252.4	4344.3
28°	4665.8	4571.2	4407.3	4270.2	4249.8	4332.5	4365.6	4295.9	4175.7	4133.2	4235.4
29°	4591.1	4482.5	4302.8	4154.1	4141.2	4243.3	4284.9	4207.1	4070.4	4015.8	4126.6
30°	4521.7	4398.3	4197.1	4038.3	4032.1	4155.0	4205.7	4119.3	3967.4	3901.3	4020.1
31°	4449.3	4313.9	4092.8	3926.1	3928.6	4066.4	4122.5	4029.6	3870.9	3794.5	3918.1
32°	4379.2	4233.6	3990.5	3819.4	3826.3	3979.0	4036.0	3938.7	3776.2	3688.0	3819.2
33°	4314.1	4157.6	3889.4	3712.2	3726.8	3884.6	3946.4	3844.7	3680.1	3584.7	3721.6
34°	4249.2	4083.5	3793.2	3606.2	3623.1	3789.8	3850.9	3745.4	3581.8	3480.4	3623.7
35°	4182.5	4009.8	3695.9	3496.3	3515.5	3686.7	3749.2	3638.2	3474.1	3373.7	3522.9
36°	4115.1	3932.6	3599.0	3381.2	3410.2	3578.6	3636.2	3526.8	3355.5	3259.6	3415.8
37°	4042.4	3847.7	3498.4	3268.4	3301.5	3467.8	3518.0	3410.5	3230.1	3131.9	3299.7
38°	3960.7	3747.8	3396.8	3160.7	3189.8	3346.1	3394.0	3286.7	3095.2	2994.7	3172.3
39°	3861.7	3635.2	3285.8	3045.0	3070.0	3217.5	3262.5	3152.0	2957.2	2854.6	3041.1
40°	3739.4	3513.3	3158.0	2919.5	2940.6	3073.4	3123.3	3010.6	2815.9	2713.6	2897.9
41°	3608.0	3379.2	3015.2	2784.4	2803.4	2920.9	2966.8	2867.9	2668.0	2569.6	2747.8
42°	3452.5	3229.6	2862.5	2641.2	2655.2	2752.5	2797.8	2709.6	2509.1	2419.7	2590.4
43°	3280.6	3066.9	2705.3	2490.4	2505.3	2575.4	2627.4	2555.8	2347.9	2262.0	2432.6
44°	3100.7	2887.3	2546.2	2337.4	2350.6	2401.9	2460.7	2398.0	2193.6	2123.4	2285.2

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CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2897.6	2703.4	2381.4	2183.6	2199.5	2239.5	2298.8	2250.1	2039.3	1984.6	2148.3
46°	2690.1	2519.1	2216.7	2035.7	2052.9	2079.2	2123.2	2071.1	1884.0	1845.9	2011.3
47°	2487.1	2340.8	2053.9	1890.9	1888.0	1897.4	1947.6	1891.6	1681.2	1700.9	1873.0
48°	2293.7	2165.7	1882.1	1722.3	1712.3	1727.6	1772.0	1690.8	1481.5	1521.2	1687.3
49°	2089.9	1972.9	1679.7	1536.9	1539.3	1563.7	1605.5	1488.5	1302.9	1340.8	1481.4
50°	1899.4	1768.6	1475.1	1337.5	1377.2	1402.8	1464.4	1318.9	1112.9	1113.2	1297.2
51°	1753.4	1555.4	1305.1	1172.5	1237.3	1283.0	1353.7	1204.1	972.2	934.7	1119.7
52°	1583.9	1358.4	1171.7	1052.9	1114.8	1175.6	1254.3	1118.3	872.9	793.7	999.8
53°	1354.3	1235.6	1043.9	984.4	1003.8	1062.2	1164.7	1051.4	788.5	684.4	929.6
54°	1233.1	1142.3	960.6	916.4	926.1	967.1	1060.9	1000.3	719.4	579.3	852.7
55°	1125.1	1013.8	877.9	848.3	848.4	872.0	971.9	934.3	656.1	490.8	761.9
56°	994.1	918.5	795.2	771.1	770.7	776.9	894.4	868.9	597.4	418.6	667.0
57°	874.3	824.4	719.5	706.7	725.4	710.7	814.6	802.9	552.8	376.2	590.5
58°	754.8	730.3	653.8	646.1	659.8	632.5	737.1	756.4	508.4	347.0	522.5
59°	670.8	670.0	598.1	586.4	608.6	567.3	667.9	682.4	450.9	322.4	469.2
60°	591.5	630.1	547.6	531.7	555.0	486.2	612.2	608.7	409.3	299.7	423.2
61°	517.9	570.5	491.2	483.7	498.2	418.2	549.7	561.6	385.8	280.0	381.8
62°	454.9	502.2	440.7	438.7	445.5	382.8	494.6	517.1	353.5	262.3	345.9
63°	403.8	441.9	395.5	396.9	402.3	352.7	451.5	470.9	321.3	245.9	314.9
64°	353.6	398.5	358.4	361.4	365.8	317.5	405.7	418.7	291.9	229.9	287.3
65°	312.8	355.7	326.7	330.0	330.5	285.9	362.4	371.7	265.3	214.0	260.5
66°	279.6	317.1	295.1	300.2	298.2	258.8	320.5	328.0	241.7	198.3	237.3
67°	250.5	282.4	265.6	271.4	267.3	234.8	281.1	287.4	218.1	183.2	214.0
68°	224.4	249.6	237.8	242.2	237.4	212.4	249.3	256.0	194.6	169.0	190.8
69°	199.8	218.8	210.6	213.5	210.0	190.5	217.4	224.5	176.5	155.1	170.8
70°	177.4	191.0	184.2	187.7	185.8	170.4	185.9	193.4	160.3	142.1	153.3
71°	157.1	167.5	161.1	163.8	164.3	152.4	164.1	172.0	145.4	129.6	136.2
72°	138.3	146.6	140.4	144.4	144.7	136.1	144.7	152.0	130.8	117.0	120.4
73°	120.1	127.0	121.4	126.8	127.4	120.6	127.1	133.0	116.7	104.8	105.8
74°	104.3	109.6	104.5	111.2	111.1	106.4	110.4	115.9	103.3	93.0	92.4
75°	90.5	94.6	90.0	96.9	97.3	93.2	95.1	99.2	90.4	81.6	79.2
76°	76.8	79.6	75.7	82.4	83.0	80.1	80.9	84.2	78.1	71.0	66.6
77°	63.0	64.6	61.3	67.9	68.6	66.9	68.7	71.6	67.0	60.9	55.9
78°	51.1	51.4	50.4	55.9	57.9	56.7	58.3	60.3	56.7	50.6	46.6
79°	39.3	40.6	41.1	46.1	47.9	47.0	48.2	49.8	47.3	41.8	38.6
80°	29.8	31.3	32.5	37.5	38.3	38.2	38.5	40.8	38.7	34.4	31.7
81°	22.3	23.5	24.6	30.1	31.5	31.4	31.3	33.1	30.7	27.9	25.7
82°	16.6	18.4	19.4	22.9	24.4	25.2	25.3	26.6	24.5	21.5	19.7
83°	11.8	12.8	13.1	15.9	17.2	18.5	19.4	20.0	18.2	15.0	13.8
84°	7.6	8.9	9.2	9.6	11.5	12.7	13.4	13.5	12.0	10.2	9.4
85°	3.5	5.1	5.4	5.9	7.4	9.0	8.6	8.7	7.8	6.4	5.9
86°	1.1	1.2	1.5	2.4	3.3	5.4	4.8	4.8	4.2	3.5	3.2
87°	0.4	0.4	0.5	0.6	1.1	1.7	1.7	1.9	1.8	1.4	1.4
88°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
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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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: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

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: P1440299
CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

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: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7	6178.7
1°	6176.1	6176.8	6178.6	6179.6	6179.3	6181.1	6179.3	6181.8	6184.3	6180.7	6180.7
2°	6171.0	6171.2	6173.2	6175.3	6177.9	6178.9	6179.8	6181.9	6180.1	6180.1	6179.4
3°	6159.1	6161.6	6165.5	6171.2	6175.1	6174.6	6179.3	6182.5	6177.5	6178.4	6177.2
4°	6141.8	6146.6	6151.3	6159.6	6165.1	6168.4	6172.6	6174.2	6175.4	6172.9	6175.4
5°	6122.5	6130.8	6139.6	6145.9	6153.3	6158.9	6164.6	6170.8	6168.4	6168.7	6170.5
6°	6103.7	6111.7	6121.0	6128.6	6139.2	6145.1	6150.8	6154.3	6155.4	6159.4	6161.1
7°	6082.0	6093.6	6104.3	6111.1	6120.2	6126.1	6132.1	6137.5	6139.9	6142.2	6144.5
8°	6058.1	6070.7	6081.4	6090.6	6101.2	6106.7	6111.8	6118.8	6122.3	6125.6	6123.1
9°	6027.2	6041.7	6055.2	6064.9	6076.8	6083.2	6088.1	6095.8	6101.5	6102.6	6100.1
10°	5991.3	6006.4	6021.4	6033.9	6048.7	6055.4	6063.1	6072.3	6075.1	6079.0	6078.7
11°	5949.4	5963.0	5977.9	5996.4	6014.7	6026.1	6034.4	6044.2	6050.0	6051.1	6053.8
12°	5902.0	5913.8	5933.8	5952.7	5970.3	5989.5	6000.5	6006.5	6012.0	6018.7	6022.1
13°	5843.3	5860.0	5880.3	5905.0	5924.1	5945.6	5953.5	5962.9	5970.7	5979.3	5984.5
14°	5776.8	5797.6	5818.3	5847.8	5872.3	5888.9	5902.4	5913.3	5924.3	5936.7	5944.0
15°	5701.7	5723.6	5748.0	5782.7	5813.6	5831.5	5841.1	5855.7	5868.5	5885.2	5895.2
16°	5620.0	5641.4	5669.8	5707.2	5742.6	5759.8	5772.9	5788.9	5807.8	5828.3	5837.1
17°	5529.4	5553.2	5584.5	5624.9	5662.0	5677.4	5694.6	5712.0	5735.1	5760.1	5775.0
18°	5431.9	5461.2	5496.0	5535.9	5569.6	5587.4	5602.2	5624.0	5651.4	5686.3	5701.8
19°	5330.0	5363.7	5400.7	5440.1	5468.6	5485.8	5500.3	5525.9	5558.2	5598.0	5617.4
20°	5219.2	5254.3	5295.6	5336.4	5357.2	5372.8	5390.0	5418.4	5456.8	5500.2	5526.4
21°	5101.4	5138.8	5179.8	5223.8	5241.3	5250.9	5267.8	5305.5	5346.2	5391.7	5424.4
22°	4990.5	5036.9	5072.9	5102.6	5113.2	5117.5	5144.4	5184.0	5224.7	5274.5	5313.7
23°	4882.2	4944.3	4977.2	4986.1	4979.9	4978.7	5012.4	5061.3	5104.2	5148.7	5192.7
24°	4781.9	4858.4	4888.1	4875.5	4840.0	4834.9	4879.3	4939.5	4982.2	5017.5	5060.6
25°	4695.0	4782.6	4802.4	4763.6	4701.4	4693.4	4745.3	4814.0	4863.2	4884.5	4926.8
26°	4608.1	4709.2	4722.9	4653.5	4563.7	4557.6	4617.4	4699.9	4745.6	4753.8	4794.3
27°	4521.8	4640.9	4642.8	4546.6	4430.7	4423.5	4498.3	4587.4	4630.9	4625.3	4658.2
28°	4435.0	4573.6	4564.6	4440.1	4306.3	4296.3	4384.9	4486.5	4521.0	4498.7	4520.0
29°	4352.5	4505.9	4486.1	4334.3	4184.2	4171.8	4273.8	4385.5	4410.2	4376.8	4389.0
30°	4275.2	4438.0	4408.7	4226.2	4062.4	4052.2	4170.0	4285.8	4306.2	4256.1	4256.0
31°	4196.3	4369.9	4332.0	4120.0	3944.3	3936.9	4068.5	4191.7	4207.2	4137.4	4129.3
32°	4119.6	4302.3	4258.1	4015.0	3830.1	3827.5	3968.9	4098.3	4109.3	4019.1	4005.1
33°	4041.7	4235.8	4180.6	3912.7	3720.1	3725.2	3870.2	4009.2	4010.2	3901.6	3886.8
34°	3961.6	4172.2	4099.4	3813.2	3611.9	3624.4	3774.5	3918.7	3917.1	3786.2	3767.9
35°	3878.0	4108.0	4016.3	3711.1	3504.6	3521.8	3674.7	3824.9	3821.5	3670.1	3650.4
36°	3790.0	4035.5	3926.2	3602.3	3395.6	3418.7	3572.2	3730.3	3721.7	3555.7	3534.8
37°	3692.3	3948.3	3827.2	3493.9	3283.5	3310.4	3471.5	3633.9	3616.7	3442.3	3420.7
38°	3578.7	3844.4	3717.3	3376.0	3166.4	3195.5	3368.0	3532.0	3505.4	3324.7	3307.1
39°	3450.5	3726.7	3592.3	3247.5	3043.6	3072.3	3257.2	3424.4	3389.1	3203.2	3187.8
40°	3306.6	3591.5	3450.9	3108.1	2909.0	2940.6	3133.8	3302.4	3263.6	3078.6	3067.5
41°	3152.1	3442.6	3289.9	2959.4	2767.7	2802.5	2998.8	3162.1	3121.6	2944.3	2938.5
42°	2984.7	3277.8	3111.9	2795.3	2619.7	2657.5	2852.6	3008.3	2964.7	2803.1	2798.6
43°	2812.8	3100.4	2926.2	2620.4	2463.8	2508.0	2695.4	2838.8	2790.8	2654.8	2645.2
44°	2648.5	2928.1	2742.7	2442.8	2297.2	2349.2	2535.3	2662.8	2602.4	2494.5	2489.1

REPORT NUMBER: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2484.3	2757.0	2558.4	2268.1	2144.2	2186.4	2368.4	2485.9	2408.7	2327.9	2331.3
46°	2330.3	2594.2	2389.4	2108.6	1991.1	2023.7	2208.5	2313.1	2210.2	2156.0	2175.2
47°	2150.1	2402.2	2200.7	1949.2	1838.1	1860.9	2048.5	2156.6	2037.6	1989.5	2024.7
48°	1969.7	2243.2	2012.1	1788.2	1674.1	1683.6	1887.9	1983.3	1858.3	1834.6	1878.7
49°	1789.6	2084.3	1824.4	1573.2	1458.4	1467.9	1688.6	1808.4	1674.3	1668.6	1701.8
50°	1636.2	1925.5	1674.4	1389.1	1231.4	1275.8	1479.6	1622.7	1504.5	1493.5	1501.3
51°	1496.6	1771.1	1569.5	1237.8	1026.8	1112.4	1296.5	1454.2	1366.8	1316.8	1298.2
52°	1389.4	1615.0	1444.1	1076.2	843.2	940.4	1157.0	1325.1	1249.3	1160.9	1130.2
53°	1329.9	1531.1	1382.1	1001.1	742.5	831.5	1071.1	1234.4	1138.7	1038.2	1015.6
54°	1250.7	1450.1	1313.0	915.2	638.9	755.3	1012.7	1124.6	1028.8	960.7	940.1
55°	1167.3	1344.7	1198.0	818.8	537.0	688.0	968.2	1024.8	934.0	883.2	865.5
56°	1045.9	1223.6	1074.2	728.4	454.7	632.9	917.9	942.0	839.5	805.7	791.0
57°	931.6	1093.6	963.2	642.6	402.4	590.8	850.0	859.4	745.1	752.5	724.2
58°	850.3	984.9	864.3	566.9	370.4	552.5	784.5	776.7	650.1	676.3	666.7
59°	762.4	897.7	774.4	509.5	342.5	496.3	743.3	712.6	603.1	611.8	612.7
60°	668.0	801.8	683.6	469.6	318.7	439.9	673.3	647.8	536.9	574.9	562.3
61°	592.4	703.5	602.2	417.3	297.3	398.1	596.8	577.0	459.7	522.1	513.8
62°	527.1	616.9	525.3	367.4	278.1	368.1	540.1	526.2	406.8	468.6	468.9
63°	465.1	538.7	464.1	327.3	260.4	336.9	496.7	482.8	361.5	416.2	427.7
64°	420.3	472.9	411.9	294.5	243.8	308.7	445.8	434.9	322.7	374.4	387.2
65°	376.4	413.6	367.6	265.6	227.2	280.8	397.8	389.3	292.7	340.2	350.0
66°	334.5	364.6	326.1	242.3	210.6	256.9	354.5	346.7	265.9	308.3	317.2
67°	296.4	318.4	290.7	219.1	195.0	233.1	313.8	307.4	242.6	277.8	286.5
68°	261.7	276.0	258.4	195.8	179.4	209.3	277.2	270.5	220.3	248.7	255.7
69°	226.9	239.6	226.1	176.1	165.4	190.4	247.8	237.0	199.1	221.1	225.1
70°	192.3	203.5	194.0	157.6	152.0	172.2	218.3	206.4	178.9	195.4	196.6
71°	165.2	176.5	168.5	140.1	139.0	155.2	189.0	180.7	159.6	171.3	171.6
72°	141.4	151.7	146.2	124.6	125.9	139.8	167.1	158.7	142.7	150.6	150.3
73°	121.0	128.8	126.0	110.0	112.8	125.7	147.6	138.7	127.0	132.5	132.0
74°	101.9	108.6	107.3	96.6	100.4	111.8	128.9	120.8	112.6	116.3	115.5
75°	85.4	91.0	89.9	83.6	88.2	98.4	111.3	104.5	98.1	101.0	100.2
76°	71.5	75.8	75.3	70.9	77.1	85.6	94.0	90.8	85.4	88.0	86.5
77°	59.6	63.1	63.0	59.6	66.3	73.2	79.4	77.1	72.6	75.0	72.8
78°	49.1	52.3	52.1	50.1	55.7	61.7	66.9	63.4	61.3	62.1	59.1
79°	40.1	42.5	42.5	41.9	46.4	52.2	56.2	53.4	52.0	52.2	49.3
80°	32.2	34.0	34.2	34.3	38.3	43.4	46.4	42.9	42.8	42.6	40.5
81°	26.3	27.9	27.9	28.1	31.1	34.9	37.8	34.2	34.1	34.1	32.6
82°	20.3	21.7	21.6	21.9	25.0	28.1	30.1	27.6	27.5	26.9	24.9
83°	14.4	15.6	15.3	15.8	18.9	21.3	23.6	21.5	20.7	20.0	17.7
84°	9.7	10.6	10.5	11.0	12.8	14.5	17.1	15.8	14.9	13.8	11.3
85°	6.1	6.6	6.7	6.9	8.3	9.8	10.7	10.6	9.7	9.8	7.3
86°	3.1	3.4	3.6	3.9	4.5	6.0	6.4	6.9	6.5	5.9	3.3
87°	1.4	1.4	1.6	1.7	2.0	3.0	3.4	3.3	3.3	2.0	1.0
88°	0.7	0.7	0.7	0.7	0.8	1.0	1.0	0.9	0.9	0.6	0.3
89°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1

REPORT NUMBER: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

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: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

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: P1440299
CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

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: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6178.7	6178.7	6178.7
1°	6179.8	6179.0	6177.2
2°	6178.7	6178.3	6175.8
3°	6178.6	6176.1	6171.9
4°	6174.4	6170.2	6162.8
5°	6165.1	6159.9	6151.0
6°	6153.6	6146.3	6135.2
7°	6135.6	6127.5	6114.6
8°	6116.2	6109.6	6098.0
9°	6098.6	6088.4	6076.8
10°	6075.1	6069.9	6051.0
11°	6048.9	6039.6	6021.1
12°	6017.3	6004.5	5983.2
13°	5980.1	5966.1	5940.9
14°	5936.0	5921.1	5894.1
15°	5888.4	5871.0	5838.7
16°	5830.6	5809.1	5772.9
17°	5765.3	5739.8	5696.9
18°	5693.9	5660.0	5615.5
19°	5612.9	5575.7	5526.0
20°	5521.6	5483.2	5432.5
21°	5423.9	5389.6	5337.1
22°	5318.2	5287.7	5237.8
23°	5201.8	5179.9	5131.0
24°	5080.1	5069.0	5024.2
25°	4959.8	4954.5	4924.6
26°	4835.8	4852.0	4834.1
27°	4715.8	4757.5	4748.8
28°	4595.8	4664.6	4665.8
29°	4484.2	4574.9	4591.1
30°	4368.2	4486.5	4521.7
31°	4255.6	4399.9	4449.3
32°	4150.6	4318.7	4379.2
33°	4045.5	4239.1	4314.1
34°	3941.6	4161.8	4249.2
35°	3833.1	4085.6	4182.5
36°	3732.2	4014.2	4115.1
37°	3633.6	3936.8	4042.4
38°	3523.6	3852.4	3960.7
39°	3402.6	3749.5	3861.7
40°	3272.0	3623.3	3739.4
41°	3131.8	3484.4	3608.0
42°	2975.9	3335.9	3452.5
43°	2819.8	3176.2	3280.6
44°	2660.4	3006.0	3100.7

REPORT NUMBER: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2493.9	2817.7	2897.6
46°	2326.3	2626.2	2690.1
47°	2157.2	2437.4	2487.1
48°	1990.6	2252.2	2293.7
49°	1817.6	2052.5	2089.9
50°	1614.2	1846.9	1899.4
51°	1400.2	1616.4	1753.4
52°	1213.3	1450.3	1583.9
53°	1103.2	1283.2	1354.3
54°	996.7	1147.0	1233.1
55°	925.0	1054.7	1125.1
56°	853.7	960.4	994.1
57°	782.3	865.9	874.3
58°	711.0	771.5	754.8
59°	645.9	698.3	670.8
60°	584.3	617.0	591.5
61°	532.3	544.8	517.9
62°	480.8	490.2	454.9
63°	429.2	439.2	403.8
64°	383.8	391.8	353.6
65°	343.8	349.2	312.8
66°	302.4	311.4	279.6
67°	263.2	279.5	250.5
68°	231.4	249.3	224.4
69°	203.3	221.4	199.8
70°	180.1	194.9	177.4
71°	158.3	171.9	157.1
72°	139.3	151.5	138.3
73°	121.9	131.1	120.1
74°	105.5	112.6	104.3
75°	91.6	97.5	90.5
76°	77.7	82.5	76.8
77°	63.8	67.5	63.0
78°	52.9	54.7	51.1
79°	43.8	43.1	39.3
80°	35.0	33.4	29.8
81°	26.7	25.0	22.3
82°	20.0	18.2	16.6
83°	14.3	13.4	11.8
84°	10.2	9.4	7.6
85°	6.1	5.4	3.5
86°	2.1	1.4	1.1
87°	0.6	0.4	0.4
88°	0.2	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

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: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

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: P1440299

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)