

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P560715

Luminaire Tested: **SDL-PA1-60-730-U-T2U-HSS-A**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560715
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-5)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-60-730-U-T2U-HSS-A
Description: Springdale
(1) 70 CRI, 3000K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS,
HOUSE SIDE SHIELD AND CLEARPANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4639.9 lumens
Efficiency: N/A
Efficacy: 74.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type II - Short
BUG Rating: B1 - U3 - G1

Input Watts (W): 62.4
Input Voltage (V): NR
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: 24 FT

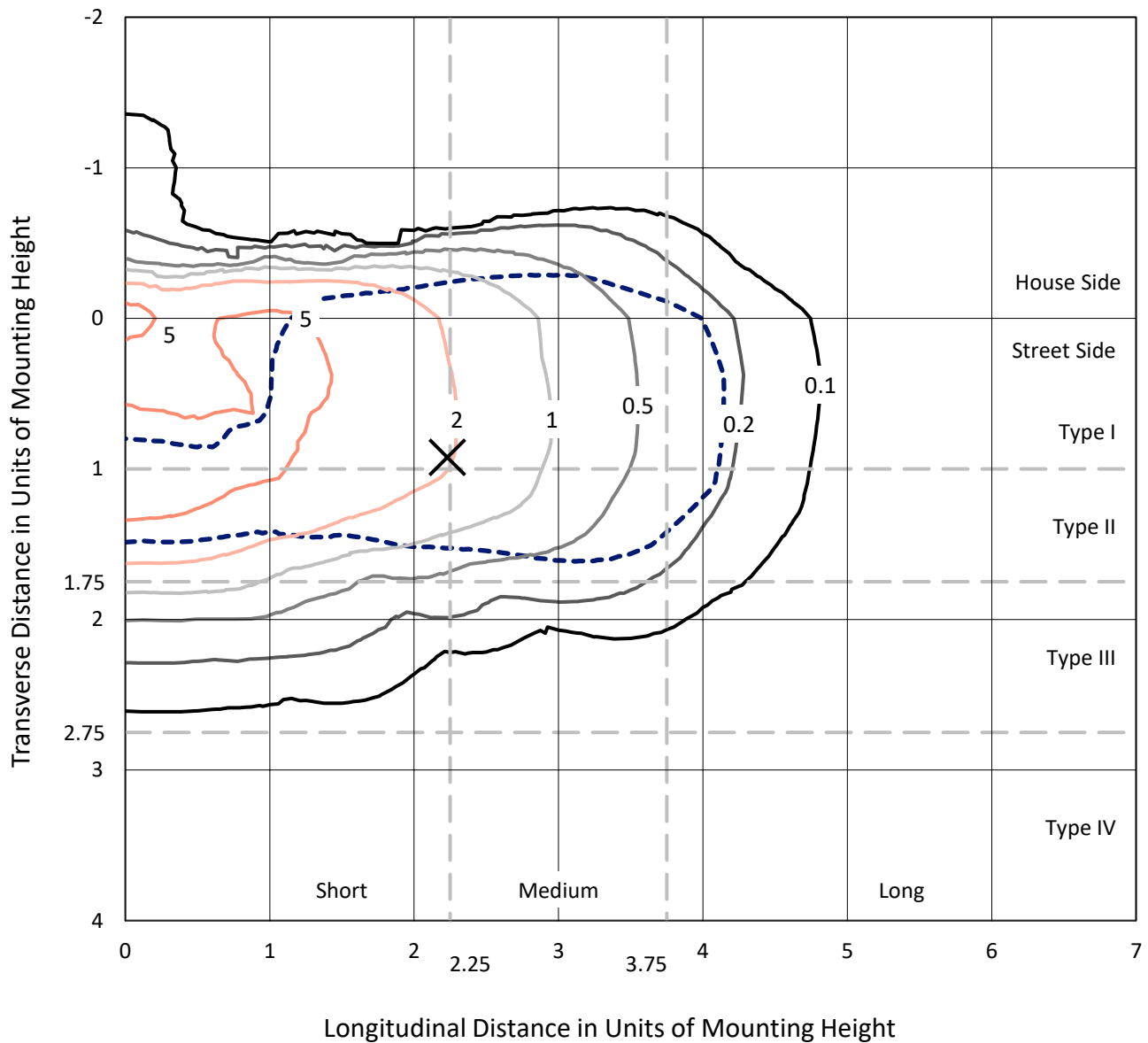


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

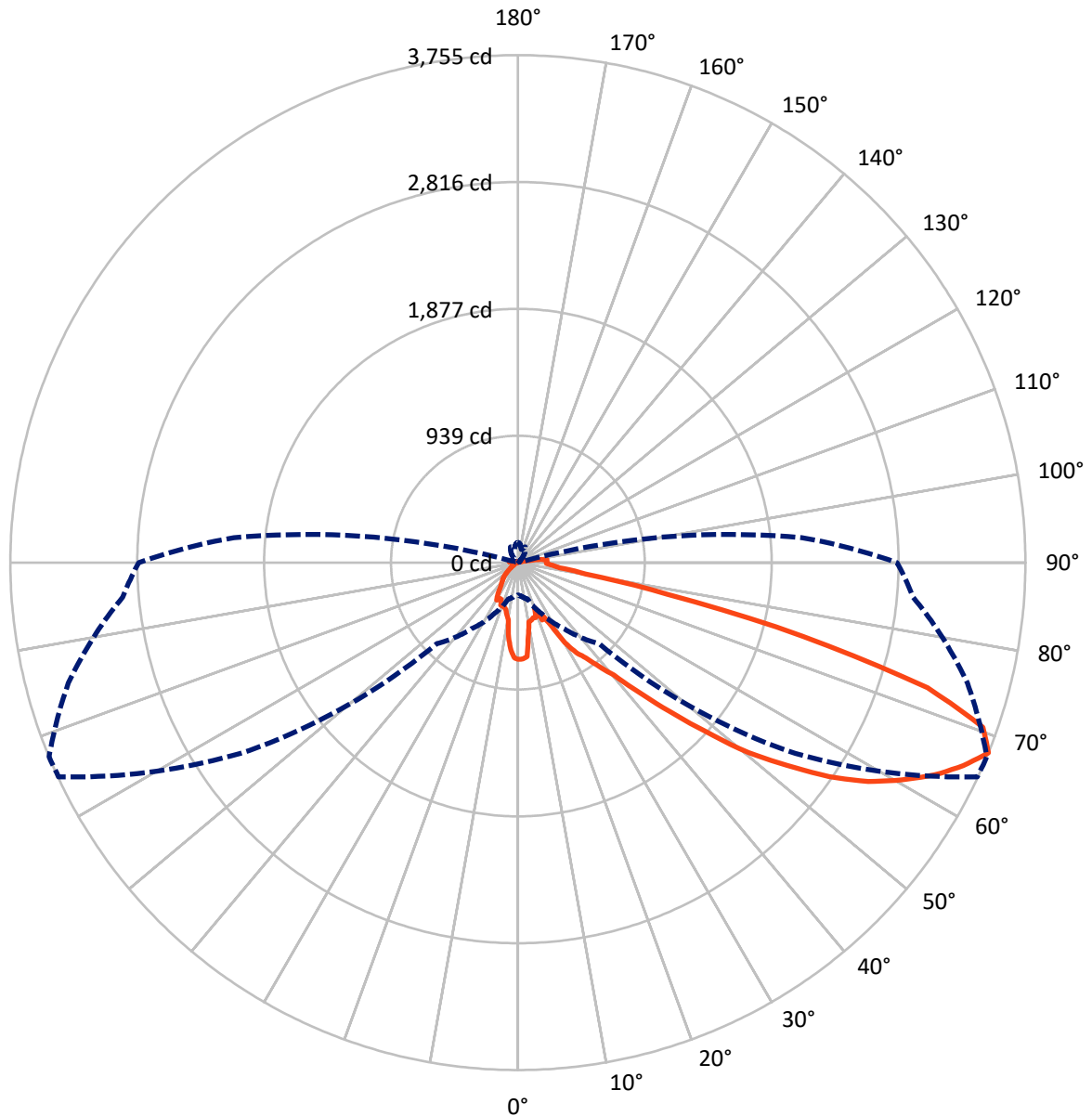


Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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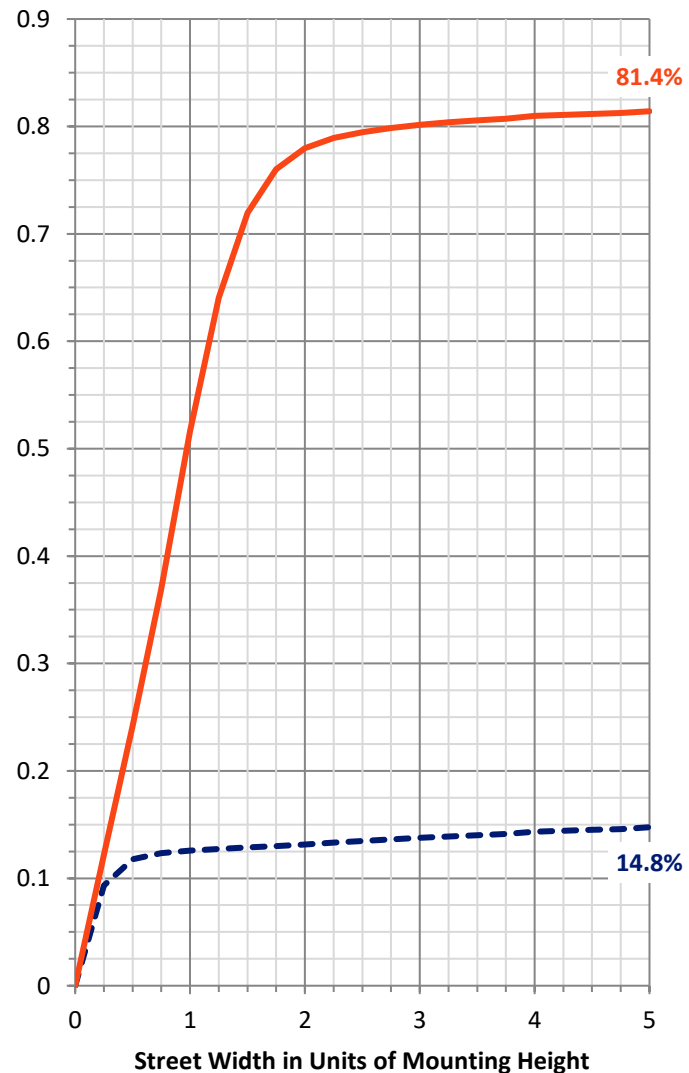
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	726.0	54.1	780.2
	% Fixture	15.6	1.2	16.8
Street Side	Lumens	3802.1	57.6	3859.7
	% Fixture	81.9	1.2	83.2
Total	Lumens	4528.2	111.7	4639.9
	% Fixture	97.6	2.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.0	1.2
10°-20°	104.9	2.3
20°-30°	158.2	3.4
30°-40°	364.4	7.9
40°-50°	812.4	17.5
50°-60°	1208.8	26.1
60°-70°	1078.1	23.2
70°-80°	605.1	13.0
80°-90°	141.3	3.0
90°-100°	77.6	1.7
100°-110°	17.9	0.4
110°-120°	7.0	0.2
120°-130°	4.7	0.1
130°-140°	2.4	0.1
140°-150°	1.2	0.0
150°-160°	0.9	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4528.2	97.6
0°-180°	4639.9	100.0



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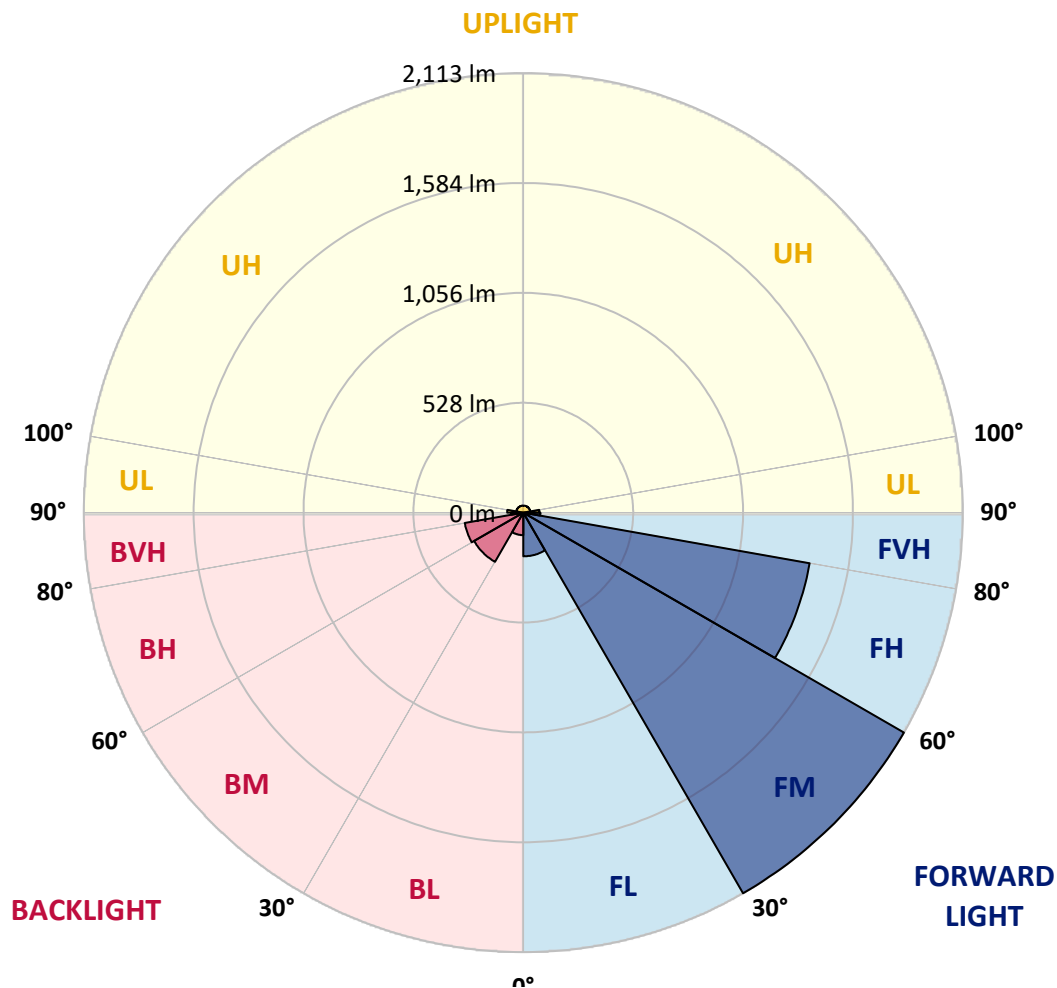
CATALOG NUMBER: SDL-PA1-60-730-U-T2U-HSS-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	209.9	4.5			
FM	(30°-60°)	2112.7	45.5			
FH	(60°-80°)	1397.5	30.1			G1/1800
FVH	(80°-90°)	82.0	1.8			G1/100
BL	(0°-30°)	108.2	2.3	B0/110		
BM	(30°-60°)	272.9	5.9	B1/1000		
BH	(60°-80°)	285.7	6.2	B1/500		G1/500
BVH	(80°-90°)	59.3	1.3			G1/100
UL	(90°-100°)	77.6	1.7		U3/500	
UH	(100°-180°)	34.1	0.7		U2/50	

BUG Rating: B1-U3-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67.5°	75°	85°
0°	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7
2.5°	606.8	641.4	678.6	703.3	708.3	715.7	715.7	713.3	713.3	710.8	710.8
5°	589.4	586.9	589.4	594.4	591.9	591.9	591.9	691.0	698.4	703.3	703.3
7.5°	507.7	520.1	559.7	574.6	579.5	584.5	584.5	577.0	549.8	609.2	616.7
10°	552.3	549.8	549.8	554.8	517.6	502.7	453.2	445.8	445.8	465.6	530.0
12.5°	463.1	490.4	527.5	542.4	500.3	443.3	430.9	440.8	438.4	383.9	448.3
15°	525.0	525.0	520.1	510.2	393.8	440.8	371.5	371.5	423.5	455.7	512.6
17.5°	426.0	438.4	500.3	492.8	433.4	331.9	433.4	398.7	428.4	401.2	430.9
20°	522.6	520.1	522.6	398.7	440.8	455.7	433.4	388.8	354.1	465.6	515.1
22.5°	430.9	426.0	450.7	492.8	416.1	473.0	396.3	473.0	460.6	413.6	371.5
25°	557.2	554.8	559.7	435.9	487.9	423.5	487.9	423.5	443.3	530.0	542.4
27.5°	502.7	500.3	492.8	532.5	463.1	534.9	460.6	517.6	532.5	574.6	666.2
30°	708.3	698.4	673.6	534.9	544.8	515.1	544.8	636.5	686.0	770.2	797.5
32.5°	1032.7	980.7	817.3	708.3	577.0	658.8	616.7	747.9	795.0	837.1	859.4
35°	1334.9	1312.6	1193.7	936.1	703.3	728.1	695.9	837.1	864.3	953.5	948.5
37.5°	1748.5	1711.3	1528.0	1208.6	884.1	874.2	792.5	953.5	973.3	1102.1	1077.3
40°	2058.0	2028.3	1884.7	1500.8	1124.4	1037.7	926.2	1114.5	1092.2	1265.5	1230.9
42.5°	2355.2	2337.9	2226.4	1835.1	1389.4	1290.3	1064.9	1312.6	1307.6	1458.7	1429.0
45°	2595.4	2575.6	2503.8	2134.8	1694.0	1696.4	1282.9	1530.5	1565.2	1708.8	1632.1
47.5°	2736.6	2694.5	2642.5	2372.5	2001.1	2085.3	1604.8	1778.2	1862.4	1986.2	1869.8
50°	2704.4	2662.3	2667.3	2523.6	2283.4	2419.6	1949.1	2040.7	2209.1	2305.7	2075.4
52.5°	2446.8	2422.1	2503.8	2496.4	2427.0	2726.7	2350.3	2325.5	2491.4	2555.8	2285.9
55°	2080.3	2045.6	2199.2	2308.2	2427.0	2917.4	2721.7	2642.5	2793.6	2783.7	2429.5
57.5°	1580.0	1592.4	1765.8	1936.7	2228.9	2954.5	2996.6	2986.7	3056.1	2971.9	2543.4
60°	1079.8	1087.2	1332.4	1525.6	1827.7	2758.9	3085.8	3271.5	3264.1	3130.4	2672.2
62.5°	678.6	676.1	861.8	1166.5	1315.1	2246.2	3051.1	3487.0	3459.8	3249.3	2771.3
65°	391.3	401.2	468.1	772.7	913.9	1533.0	2850.5	3697.5	3620.7	3355.7	2877.8
67.5°	240.2	247.7	279.9	418.5	596.9	847.0	2424.6	3749.5	3754.5	3442.4	2934.7
70°	203.1	205.6	220.4	257.6	416.1	475.5	1632.1	3506.8	3650.5	3462.2	2917.4
72.5°	170.9	173.4	195.6	225.4	309.6	336.8	733.1	2897.6	3170.0	3311.2	2791.1
75°	126.3	128.8	161.0	205.6	225.4	269.9	401.2	1919.3	2176.9	2617.7	2380.0
77.5°	81.7	84.2	113.9	165.9	190.7	213.0	324.4	896.5	1134.3	1513.2	1503.3
80°	54.5	54.5	66.9	116.4	151.1	173.4	282.3	443.3	505.2	624.1	584.5
82.5°	34.7	34.7	42.1	71.8	96.6	173.4	265.0	317.0	307.1	312.0	277.4
85°	14.9	14.9	22.3	39.6	52.0	113.9	237.8	272.4	260.0	260.0	247.7
87.5°	5.0	5.0	7.4	12.4	17.3	34.7	183.3	217.9	210.5	217.9	235.3
90°	5.0	5.0	2.5	5.0	5.0	24.8	148.6	215.5	210.5	220.4	242.7
92.5°	7.4	7.4	2.5	2.5	5.0	19.8	116.4	222.9	215.5	230.3	252.6
95°	12.4	12.4	5.0	2.5	7.4	17.3	71.8	198.1	215.5	227.8	257.6
97.5°	14.9	14.9	5.0	5.0	7.4	14.9	37.1	161.0	165.9	173.4	203.1
100°	19.8	19.8	5.0	5.0	5.0	12.4	19.8	84.2	86.7	61.9	99.1
102.5°	19.8	19.8	5.0	5.0	5.0	7.4	9.9	37.1	34.7	12.4	12.4
105°	22.3	22.3	7.4	5.0	5.0	5.0	5.0	12.4	12.4	7.4	14.9
107.5°	22.3	22.3	7.4	7.4	5.0	5.0	2.5	5.0	7.4	7.4	14.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	67.5°	75°	85°
112.5°	12.4	12.4	5.0	7.4	5.0	2.5	2.5	2.5	5.0	9.9	24.8
115°	5.0	5.0	2.5	5.0	2.5	2.5	2.5	5.0	5.0	7.4	19.8
117.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.5	7.4	17.3
120°	2.5	2.5	0.0	2.5	2.5	2.5	2.5	2.5	2.5	9.9	17.3
122.5°	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5	2.5	9.9	17.3
125°	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5	2.5	7.4	14.9
127.5°	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0	14.9
130°	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0	9.9
132.5°	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0	7.4
135°	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5	2.5	2.5	5.0
137.5°	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5	2.5	2.5	2.5
140°	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
142.5°	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
145°	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
147.5°	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
150°	2.5	2.5	5.0	5.0	2.5	0.0	5.0	2.5	2.5	2.5	2.5
152.5°	5.0	5.0	5.0	5.0	2.5	0.0	2.5	5.0	2.5	2.5	2.5
155°	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0	7.4
157.5°	0.0	0.0	0.0	0.0	2.5	0.0	2.5	2.5	0.0	0.0	2.5
160°	0.0	0.0	0.0	0.0	2.5	0.0	2.5	2.5	0.0	0.0	0.0
162.5°	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
167.5°	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
172.5°	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
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7	715.7
2.5°	708.3	708.3	705.8	705.8	698.4	695.9	663.7	629.0	601.8	604.3	604.3
5°	700.9	695.9	688.5	639.0	577.0	567.1	567.1	562.2	559.7	562.2	562.2
7.5°	611.7	606.8	577.0	552.3	554.8	549.8	539.9	537.4	495.3	453.2	450.7
10°	527.5	520.1	440.8	423.5	421.0	438.4	480.5	465.6	450.7	433.4	440.8
12.5°	440.8	438.4	366.5	406.2	354.1	364.1	374.0	359.1	307.1	247.7	255.1
15°	510.2	502.7	416.1	336.8	302.1	304.6	200.6	193.2	156.0	141.2	133.7
17.5°	378.9	416.1	364.1	336.8	304.6	158.5	128.8	99.1	89.2	71.8	74.3
20°	507.7	497.8	416.1	314.5	235.3	133.7	71.8	57.0	69.3	71.8	71.8
22.5°	359.1	349.2	351.7	334.3	165.9	76.8	54.5	57.0	52.0	49.5	49.5
25°	527.5	510.2	426.0	255.1	123.8	49.5	52.0	39.6	47.1	47.1	47.1
27.5°	641.4	582.0	448.3	247.7	69.3	49.5	37.1	39.6	32.2	32.2	32.2
30°	767.7	733.1	586.9	230.3	54.5	39.6	34.7	27.2	29.7	29.7	29.7
32.5°	824.7	777.6	586.9	183.3	47.1	37.1	27.2	24.8	24.8	27.2	27.2
35°	906.4	856.9	584.5	121.4	39.6	29.7	22.3	22.3	22.3	22.3	22.3
37.5°	1030.3	958.4	594.4	76.8	32.2	24.8	17.3	19.8	19.8	42.1	42.1
40°	1168.9	1087.2	567.1	54.5	27.2	19.8	14.9	24.8	34.7	37.1	37.1
42.5°	1344.8	1255.6	527.5	47.1	24.8	14.9	12.4	19.8	29.7	47.1	47.1
45°	1555.3	1421.5	473.0	42.1	19.8	12.4	12.4	24.8	37.1	44.6	44.6
47.5°	1743.5	1582.5	378.9	39.6	17.3	9.9	17.3	27.2	32.2	52.0	52.0
50°	1963.9	1750.9	289.8	34.7	14.9	9.9	27.2	29.7	37.1	47.1	47.1
52.5°	2127.4	1892.1	220.4	32.2	14.9	7.4	27.2	27.2	42.1	54.5	54.5
55°	2258.6	1968.9	158.5	27.2	12.4	7.4	32.2	34.7	37.1	42.1	42.1
57.5°	2360.2	2023.4	123.8	24.8	12.4	17.3	39.6	44.6	39.6	42.1	42.1
60°	2476.6	2050.6	91.6	22.3	9.9	17.3	47.1	59.4	44.6	64.4	61.9
62.5°	2583.1	2070.4	74.3	22.3	9.9	19.8	52.0	74.3	59.4	86.7	89.2
65°	2716.8	2095.2	61.9	17.3	9.9	27.2	61.9	99.1	79.3	113.9	118.9
67.5°	2805.9	2110.0	52.0	17.3	9.9	32.2	86.7	128.8	99.1	143.6	148.6
70°	2815.9	2055.5	42.1	17.3	9.9	49.5	118.9	156.0	123.8	183.3	185.7
72.5°	2687.1	1899.5	34.7	19.8	9.9	54.5	138.7	180.8	146.1	242.7	245.2
75°	2171.9	1332.4	32.2	19.8	9.9	69.3	151.1	198.1	163.5	252.6	257.6
77.5°	1334.9	616.7	29.7	22.3	14.9	76.8	153.5	210.5	170.9	252.6	260.0
80°	517.6	304.6	27.2	24.8	34.7	86.7	165.9	213.0	170.9	235.3	245.2
82.5°	240.2	178.3	27.2	27.2	44.6	89.2	163.5	198.1	158.5	210.5	208.0
85°	215.5	175.8	29.7	29.7	47.1	76.8	128.8	168.4	136.2	165.9	165.9
87.5°	210.5	173.4	32.2	37.1	47.1	44.6	99.1	143.6	116.4	123.8	123.8
90°	215.5	180.8	34.7	42.1	39.6	24.8	79.3	118.9	89.2	79.3	76.8
92.5°	230.3	183.3	42.1	49.5	37.1	19.8	66.9	96.6	64.4	52.0	49.5
95°	242.7	188.2	52.0	59.4	39.6	17.3	59.4	76.8	47.1	32.2	29.7
97.5°	203.1	146.1	59.4	64.4	39.6	17.3	52.0	61.9	37.1	17.3	17.3
100°	86.7	64.4	61.9	69.3	37.1	14.9	44.6	49.5	24.8	7.4	9.9
102.5°	17.3	19.8	54.5	64.4	29.7	9.9	29.7	29.7	17.3	2.5	5.0
105°	17.3	14.9	34.7	54.5	17.3	5.0	12.4	17.3	7.4	2.5	2.5
107.5°	17.3	17.3	12.4	27.2	7.4	5.0	5.0	7.4	5.0	2.5	2.5



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CATALOG NUMBER: SDL-PA1-60-730-U-T2U-HSS-A

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	24.8	22.3	5.0	7.4	7.4	5.0	2.5	2.5	5.0	17.3	19.8
115°	22.3	19.8	7.4	7.4	5.0	5.0	2.5	2.5	5.0	19.8	22.3
117.5°	17.3	17.3	7.4	5.0	5.0	5.0	2.5	2.5	5.0	19.8	19.8
120°	19.8	17.3	7.4	5.0	2.5	2.5	2.5	2.5	5.0	14.9	14.9
122.5°	19.8	17.3	7.4	5.0	2.5	2.5	2.5	2.5	5.0	14.9	17.3
125°	17.3	14.9	7.4	5.0	2.5	2.5	2.5	2.5	7.4	14.9	14.9
127.5°	14.9	12.4	5.0	2.5	2.5	2.5	2.5	2.5	7.4	12.4	12.4
130°	9.9	9.9	5.0	2.5	2.5	2.5	2.5	2.5	7.4	9.9	9.9
132.5°	7.4	7.4	5.0	2.5	2.5	2.5	2.5	2.5	5.0	9.9	9.9
135°	7.4	5.0	5.0	2.5	2.5	2.5	2.5	2.5	5.0	7.4	7.4
137.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	5.0
140°	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	2.5	2.5
142.5°	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	2.5	2.5
145°	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	2.5	2.5
147.5°	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	2.5	2.5
150°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
152.5°	2.5	2.5	5.0	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
155°	7.4	7.4	7.4	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
157.5°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	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
167.5°	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
172.5°	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
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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110°	17.3	17.3	7.4	7.4	5.0	2.5	2.5	2.5	5.0	7.4	17.3
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110°	19.8	17.3	5.0	7.4	5.0	5.0	5.0	5.0	2.5	12.4	14.9
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(END OF REPORT)