

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: P560191

Luminaire Tested: **SDL-PA1-30-730-U-T3-HSS-A**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560191
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-30-730-U-T3-HSS-A
Description: Springdale
(1) 70 CRI, 3000K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS,
HOUSE SIDE SHIELD AND CLEAR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2415.1 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type IV - Medium
BUG Rating: B0 - U3 - G1

Input Watts (W): 30.1
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

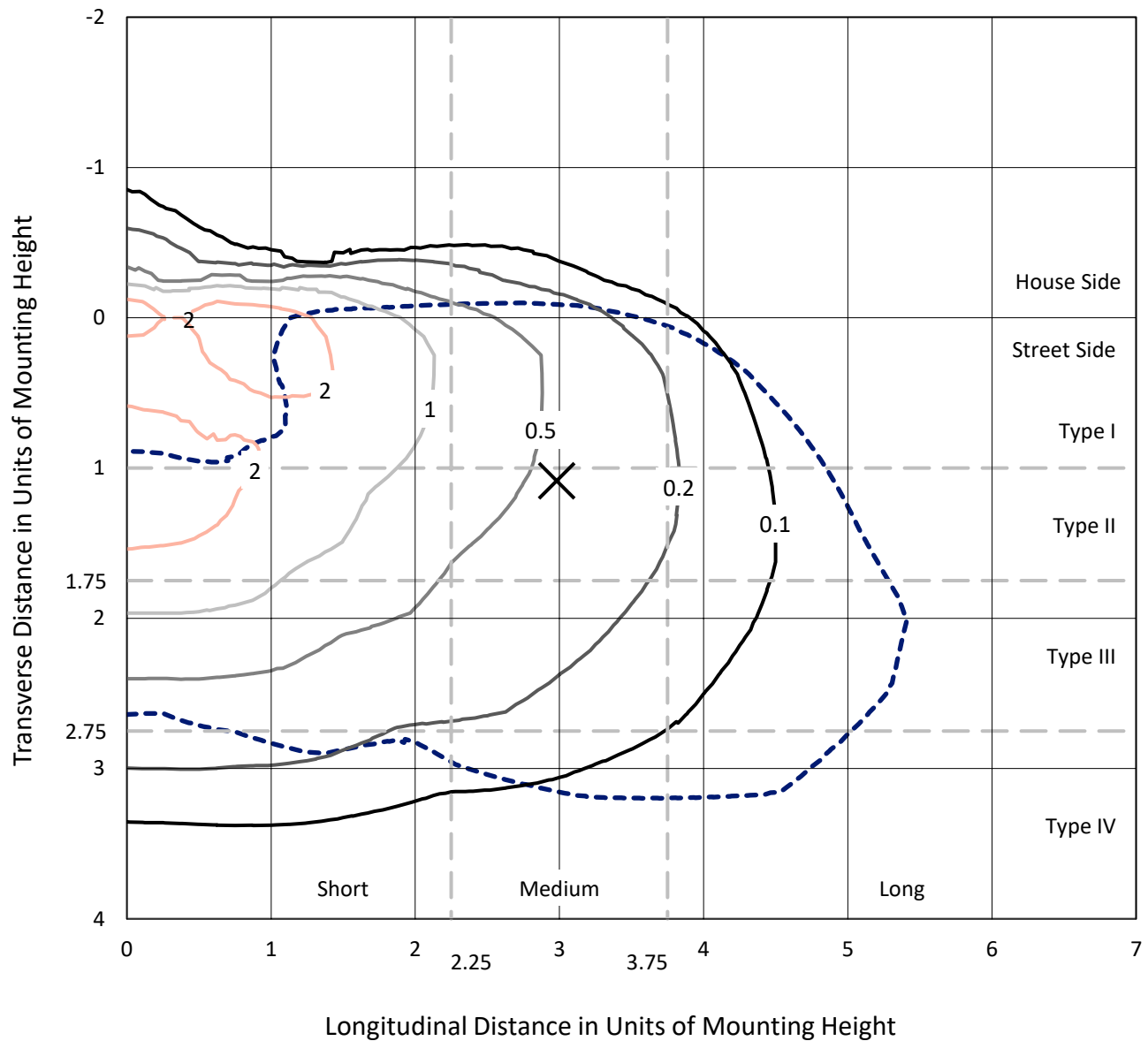


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Iso-Footcandle Lines of Horizontal Illumination

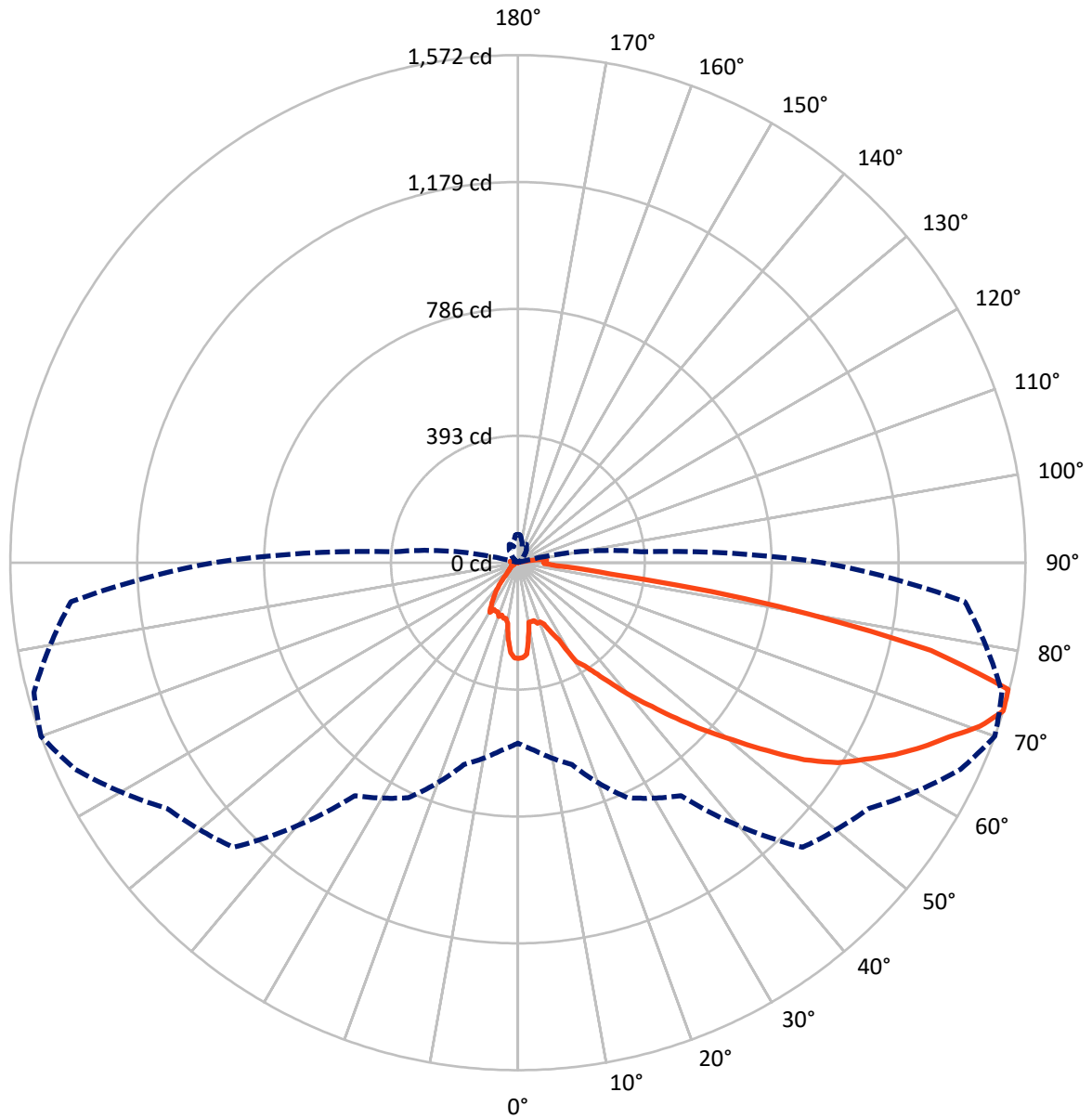
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.4 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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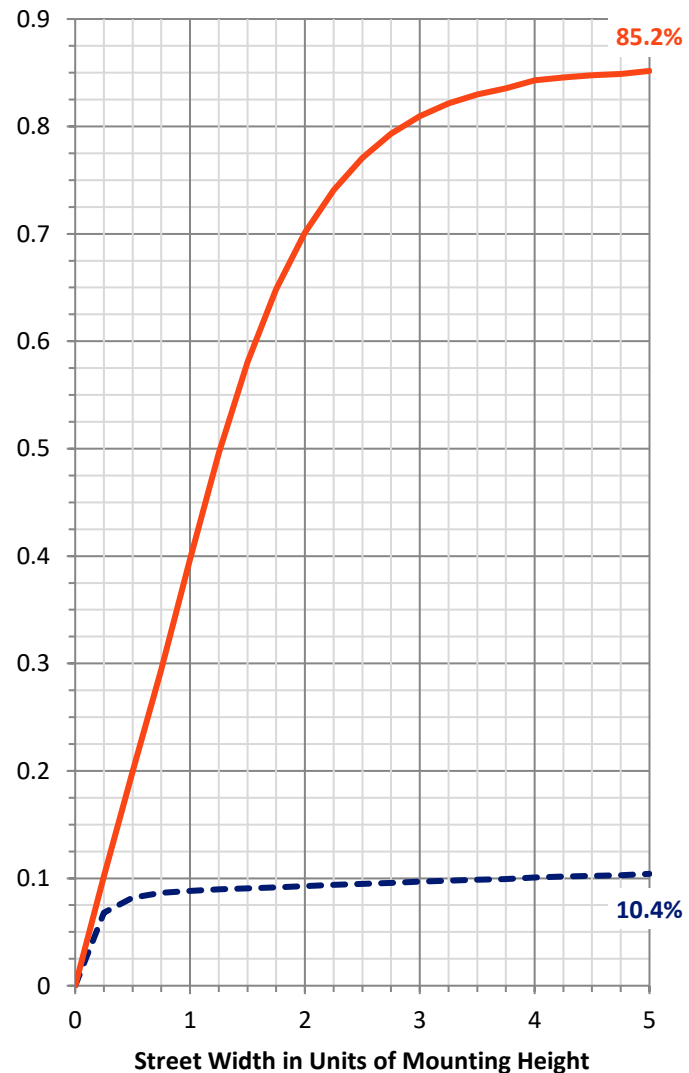
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	276.8	39.0	315.8
	% Fixture	11.5	1.6	13.1
Street Side	Lumens	2067.7	31.6	2099.3
	% Fixture	85.6	1.3	86.9
Total	Lumens	2344.6	70.5	2415.1
	% Fixture	97.1	2.9	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.9	0.9
10°-20°	45.2	1.9
20°-30°	73.3	3.0
30°-40°	156.5	6.5
40°-50°	307.7	12.7
50°-60°	513.9	21.3
60°-70°	637.8	26.4
70°-80°	491.2	20.3
80°-90°	96.0	4.0
90°-100°	52.1	2.2
100°-110°	10.8	0.4
110°-120°	3.1	0.1
120°-130°	2.4	0.1
130°-140°	1.1	0.0
140°-150°	0.5	0.0
150°-160°	0.5	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2344.6	97.1
0°-180°	2415.1	100.0



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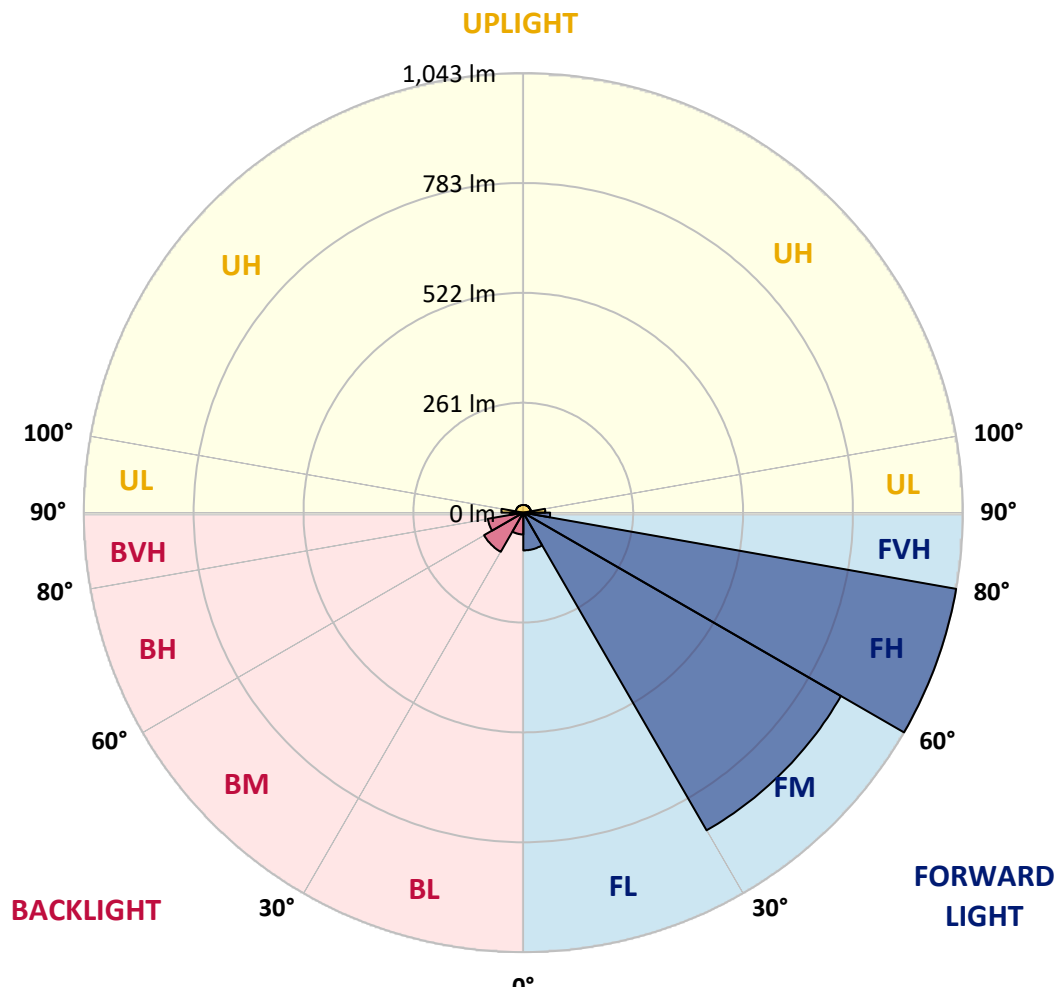
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	89.6	3.7			
FM	(30°-60°)	870.8	36.1			
FH	(60°-80°)	1043.4	43.2			G1/1800
FVH	(80°-90°)	63.9	2.6			G1/100
BL	(0°-30°)	51.8	2.1	B0/110		
BM	(30°-60°)	107.4	4.4	B0/220		
BH	(60°-80°)	85.6	3.5	B0/110		G0/110
BVH	(80°-90°)	32.1	1.3			G1/100
UL	(90°-100°)	52.1	2.2		U3/500	
UH	(100°-180°)	18.4	0.8		U2/50	

BUG Rating: B0-U3-G1

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6
2.5°	250.1	277.8	279.0	281.6	284.1	287.8	294.1	294.1	294.1	294.1	295.4
5°	237.6	237.6	237.6	240.1	240.1	242.6	243.8	281.6	285.3	289.1	289.1
7.5°	197.3	216.2	217.5	225.0	233.8	237.6	240.1	237.6	233.8	248.9	255.2
10°	216.2	216.2	216.2	218.7	206.1	199.9	184.8	186.0	187.3	198.6	226.3
12.5°	179.7	191.1	202.4	214.9	198.6	178.5	174.7	184.8	187.3	167.2	198.6
15°	209.9	208.7	208.7	197.3	164.7	178.5	155.9	164.7	186.0	203.6	236.3
17.5°	173.5	168.4	196.1	193.6	176.0	140.8	179.7	178.5	197.3	182.3	203.6
20°	206.1	204.9	204.9	158.4	174.7	189.8	187.3	174.7	196.1	218.7	257.7
22.5°	173.5	170.9	176.0	189.8	173.5	196.1	170.9	216.2	206.1	199.9	187.3
25°	218.7	217.5	217.5	173.5	196.1	179.7	216.2	197.3	238.8	260.2	284.1
27.5°	196.1	196.1	187.3	201.1	187.3	226.3	207.4	248.9	270.2	284.1	343.1
30°	271.5	272.8	257.7	199.9	208.7	212.4	245.1	308.0	354.5	388.4	424.8
32.5°	390.9	383.4	320.5	272.8	221.2	262.7	271.5	358.2	380.9	417.3	448.7
35°	531.7	527.9	472.6	353.2	266.5	281.6	302.9	389.7	424.8	461.3	480.2
37.5°	628.5	624.7	589.5	450.0	321.8	328.1	330.6	433.6	478.9	515.3	524.1
40°	707.7	701.4	680.0	525.4	395.9	383.4	370.8	494.0	545.5	575.7	579.5
42.5°	827.1	817.0	763.0	612.1	471.4	457.5	414.8	546.8	608.4	648.6	651.1
45°	970.4	961.6	886.1	732.8	551.8	548.0	492.7	614.6	687.6	735.3	721.5
47.5°	1068.4	1044.5	1001.8	848.4	676.2	643.6	579.5	683.8	773.0	844.7	805.7
50°	1157.6	1140.1	1103.6	976.6	810.7	766.7	670.0	763.0	863.5	928.9	876.1
52.5°	1240.6	1214.2	1184.0	1072.2	926.4	905.0	759.2	842.2	967.8	1021.9	949.0
55°	1282.1	1240.6	1235.6	1158.9	1015.6	998.0	859.8	940.2	1077.2	1114.9	1018.1
57.5°	1214.2	1213.0	1251.9	1211.7	1088.5	1079.7	961.6	1045.8	1169.0	1186.6	1086.0
60°	1169.0	1170.2	1229.3	1231.8	1152.6	1157.6	1053.3	1167.7	1236.8	1248.1	1150.1
62.5°	1089.8	1098.6	1187.8	1245.6	1169.0	1231.8	1131.3	1251.9	1309.7	1313.5	1229.3
65°	990.5	999.3	1089.8	1207.9	1151.4	1280.8	1196.6	1346.2	1376.4	1378.9	1316.0
67.5°	874.8	878.6	979.2	1109.9	1108.6	1298.4	1236.8	1409.0	1440.5	1448.0	1390.2
70°	746.6	741.6	833.4	984.2	1016.9	1289.6	1285.9	1470.6	1518.4	1517.1	1441.7
72.5°	559.3	583.2	647.3	803.2	881.1	1246.9	1327.3	1513.4	1572.4	1552.3	1390.2
75°	191.1	203.6	377.1	511.6	678.8	1132.5	1336.1	1515.9	1568.7	1479.4	1137.5
77.5°	62.8	59.1	84.2	203.6	377.1	784.3	1175.2	1322.3	1308.5	1150.1	698.9
80°	30.2	31.4	37.7	71.6	138.3	355.7	737.8	837.1	818.3	603.3	302.9
82.5°	20.1	21.4	25.1	41.5	77.9	121.9	392.2	382.1	289.1	189.8	124.4
85°	8.8	8.8	12.6	21.4	47.8	80.4	149.6	130.7	118.2	109.4	101.8
87.5°	2.5	2.5	5.0	7.5	16.3	50.3	84.2	79.2	81.7	85.5	96.8
90°	2.5	2.5	2.5	2.5	12.6	52.8	85.5	80.4	80.4	85.5	101.8
92.5°	3.8	3.8	2.5	2.5	11.3	52.8	89.2	76.7	81.7	86.7	109.4
95°	3.8	5.0	2.5	1.3	8.8	54.0	91.8	81.7	89.2	88.0	116.9
97.5°	5.0	5.0	2.5	1.3	5.0	46.5	93.0	66.6	67.9	62.8	91.8
100°	6.3	6.3	2.5	2.5	3.8	23.9	69.1	42.7	26.4	20.1	30.2
102.5°	7.5	7.5	2.5	2.5	2.5	8.8	31.4	25.1	13.8	3.8	7.5
105°	7.5	8.8	2.5	2.5	1.3	3.8	13.8	10.1	5.0	3.8	7.5
107.5°	8.8	8.8	2.5	2.5	1.3	2.5	3.8	3.8	2.5	3.8	7.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	6.3	6.3	2.5	3.8	1.3	1.3	1.3	2.5	2.5	3.8	7.5
115°	3.8	2.5	1.3	2.5	1.3	1.3	1.3	2.5	2.5	2.5	6.3
117.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	2.5	3.8	7.5
120°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	2.5	5.0	8.8
122.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	5.0	10.1
125°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	8.8
127.5°	1.3	1.3	1.3	0.0	1.3	1.3	1.3	1.3	2.5	3.8	7.5
130°	1.3	1.3	1.3	0.0	1.3	1.3	1.3	1.3	1.3	2.5	5.0
132.5°	1.3	1.3	1.3	0.0	1.3	1.3	1.3	1.3	1.3	2.5	5.0
135°	1.3	1.3	1.3	0.0	1.3	1.3	1.3	1.3	1.3	1.3	2.5
137.5°	1.3	1.3	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
140°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142.5°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
147.5°	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
150°	2.5	2.5	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
152.5°	2.5	2.5	2.5	1.3	1.3	1.3	1.3	2.5	2.5	1.3	1.3
155°	1.3	1.3	1.3	0.0	0.0	1.3	1.3	1.3	1.3	2.5	2.5
157.5°	0.0	1.3	1.3	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3
160°	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3
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°	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6	296.6
2.5°	295.4	295.4	294.1	296.6	295.4	295.4	279.0	262.7	258.9	260.2	262.7
5°	290.4	290.4	290.4	270.2	247.6	240.1	242.6	242.6	242.6	241.3	243.8
7.5°	256.4	255.2	251.4	228.8	238.8	237.6	236.3	233.8	203.6	196.1	196.1
10°	227.5	227.5	194.8	186.0	186.0	193.6	198.6	191.1	187.3	181.0	179.7
12.5°	199.9	199.9	167.2	186.0	157.1	155.9	152.1	139.5	118.2	103.1	104.3
15°	237.6	237.6	197.3	158.4	132.0	124.4	77.9	72.9	70.4	69.1	67.9
17.5°	202.4	203.6	182.3	157.1	123.2	65.4	55.3	55.3	55.3	52.8	47.8
20°	256.4	256.4	212.4	140.8	93.0	51.5	42.7	37.7	51.5	51.5	51.5
22.5°	186.0	183.5	187.3	143.3	57.8	41.5	35.2	44.0	46.5	39.0	39.0
25°	281.6	277.8	227.5	103.1	47.8	32.7	39.0	33.9	44.0	44.0	44.0
27.5°	346.9	321.8	231.3	94.3	35.2	37.7	31.4	37.7	33.9	32.7	32.7
30°	417.3	406.0	279.0	74.2	33.9	31.4	32.7	30.2	35.2	32.7	32.7
32.5°	439.9	428.6	252.6	57.8	32.7	30.2	27.7	28.9	27.7	28.9	28.9
35°	468.8	457.5	223.7	44.0	30.2	26.4	25.1	25.1	23.9	22.6	22.6
37.5°	510.3	491.5	191.1	37.7	27.7	23.9	20.1	18.9	20.1	25.1	26.4
40°	558.1	526.7	150.8	33.9	23.9	20.1	15.1	17.6	21.4	21.4	21.4
42.5°	627.2	569.4	111.9	31.4	21.4	16.3	11.3	13.8	16.3	22.6	22.6
45°	687.6	594.5	79.2	28.9	17.6	12.6	8.8	13.8	17.6	20.1	20.1
47.5°	757.9	618.4	59.1	27.7	16.3	8.8	10.1	13.8	13.8	21.4	21.4
50°	817.0	623.4	47.8	25.1	12.6	6.3	12.6	12.6	15.1	18.9	18.9
52.5°	872.3	628.5	42.7	22.6	10.1	5.0	12.6	12.6	17.6	22.6	22.6
55°	908.8	613.4	39.0	20.1	8.8	3.8	13.8	13.8	13.8	17.6	17.6
57.5°	937.7	594.5	36.5	17.6	7.5	7.5	15.1	17.6	15.1	17.6	17.6
60°	956.5	560.6	31.4	16.3	6.3	7.5	18.9	22.6	17.6	26.4	26.4
62.5°	990.5	534.2	27.7	15.1	5.0	7.5	18.9	28.9	22.6	35.2	36.5
65°	1018.1	510.3	23.9	11.3	5.0	10.1	21.4	36.5	27.7	44.0	45.3
67.5°	1029.4	481.4	20.1	10.1	5.0	11.3	27.7	45.3	35.2	51.5	51.5
70°	1020.6	451.2	16.3	10.1	5.0	17.6	36.5	52.8	42.7	62.8	64.1
72.5°	944.0	384.6	12.6	10.1	3.8	18.9	45.3	62.8	51.5	85.5	88.0
75°	722.7	243.8	12.6	10.1	5.0	21.4	52.8	72.9	61.6	95.5	99.3
77.5°	441.2	113.1	12.6	11.3	6.3	26.4	57.8	84.2	67.9	103.1	105.6
80°	196.1	70.4	12.6	12.6	12.6	32.7	67.9	93.0	76.7	109.4	113.1
82.5°	98.0	52.8	11.3	12.6	18.9	39.0	80.4	99.3	79.2	113.1	114.4
85°	84.2	47.8	11.3	13.8	20.1	45.3	86.7	100.6	83.0	111.9	113.1
87.5°	80.4	45.3	13.8	13.8	22.6	47.8	89.2	105.6	85.5	108.1	106.8
90°	84.2	44.0	15.1	16.3	28.9	49.0	90.5	103.1	85.5	101.8	101.8
92.5°	86.7	42.7	16.3	18.9	35.2	55.3	89.2	100.6	85.5	94.3	94.3
95°	89.2	42.7	18.9	21.4	35.2	60.3	85.5	91.8	79.2	84.2	83.0
97.5°	67.9	31.4	22.6	23.9	32.7	46.5	69.1	71.6	51.5	50.3	49.0
100°	23.9	13.8	22.6	26.4	20.1	20.1	41.5	50.3	30.2	18.9	21.4
102.5°	7.5	6.3	20.1	26.4	16.3	7.5	21.4	31.4	22.6	2.5	2.5
105°	7.5	7.5	11.3	21.4	11.3	2.5	7.5	17.6	13.8	2.5	2.5
107.5°	7.5	6.3	5.0	12.6	3.8	2.5	3.8	3.8	3.8	1.3	2.5



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CATALOG NUMBER: SDL-PA1-30-730-U-T3-HSS-A

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	8.8	6.3	2.5	3.8	2.5	2.5	2.5	1.3	2.5	6.3	7.5
115°	7.5	6.3	2.5	2.5	2.5	2.5	1.3	1.3	2.5	7.5	7.5
117.5°	8.8	7.5	2.5	2.5	1.3	2.5	1.3	1.3	2.5	7.5	8.8
120°	10.1	8.8	2.5	2.5	1.3	1.3	1.3	1.3	2.5	6.3	7.5
122.5°	10.1	10.1	2.5	1.3	1.3	1.3	1.3	1.3	3.8	6.3	6.3
125°	8.8	8.8	2.5	1.3	1.3	1.3	1.3	1.3	3.8	6.3	6.3
127.5°	7.5	7.5	2.5	1.3	1.3	1.3	1.3	1.3	2.5	5.0	6.3
130°	6.3	6.3	2.5	1.3	1.3	1.3	0.0	1.3	2.5	5.0	5.0
132.5°	5.0	3.8	2.5	1.3	1.3	1.3	0.0	1.3	2.5	3.8	5.0
135°	3.8	3.8	1.3	1.3	1.3	1.3	0.0	0.0	2.5	2.5	3.8
137.5°	2.5	1.3	1.3	1.3	1.3	0.0	0.0	0.0	1.3	2.5	2.5
140°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	1.3	1.3
142.5°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	1.3	1.3
145°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	1.3	1.3
147.5°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	1.3	1.3
150°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	1.3	1.3
152.5°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	1.3	1.3	1.3
155°	2.5	2.5	2.5	1.3	1.3	0.0	0.0	0.0	0.0	1.3	1.3
157.5°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
160°	1.3	1.3	1.3	1.3	1.3	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

Report Generated By 670245982





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110° | 8.8 8.8 3.8 2.5 1.3 2.5 1.3 2.5 2.5 3.8 8.8



110°		8.8	6.3	2.5	3.8	2.5	2.5	2.5	2.5	2.5	5.0	5.0
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(END OF REPORT)