

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: P528522

Luminaire Tested: **GLAN-SA3C-760-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P528522  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA3C-760-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 5700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15631 lumens  
Efficiency: N/A  
Efficacy: 97.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G2

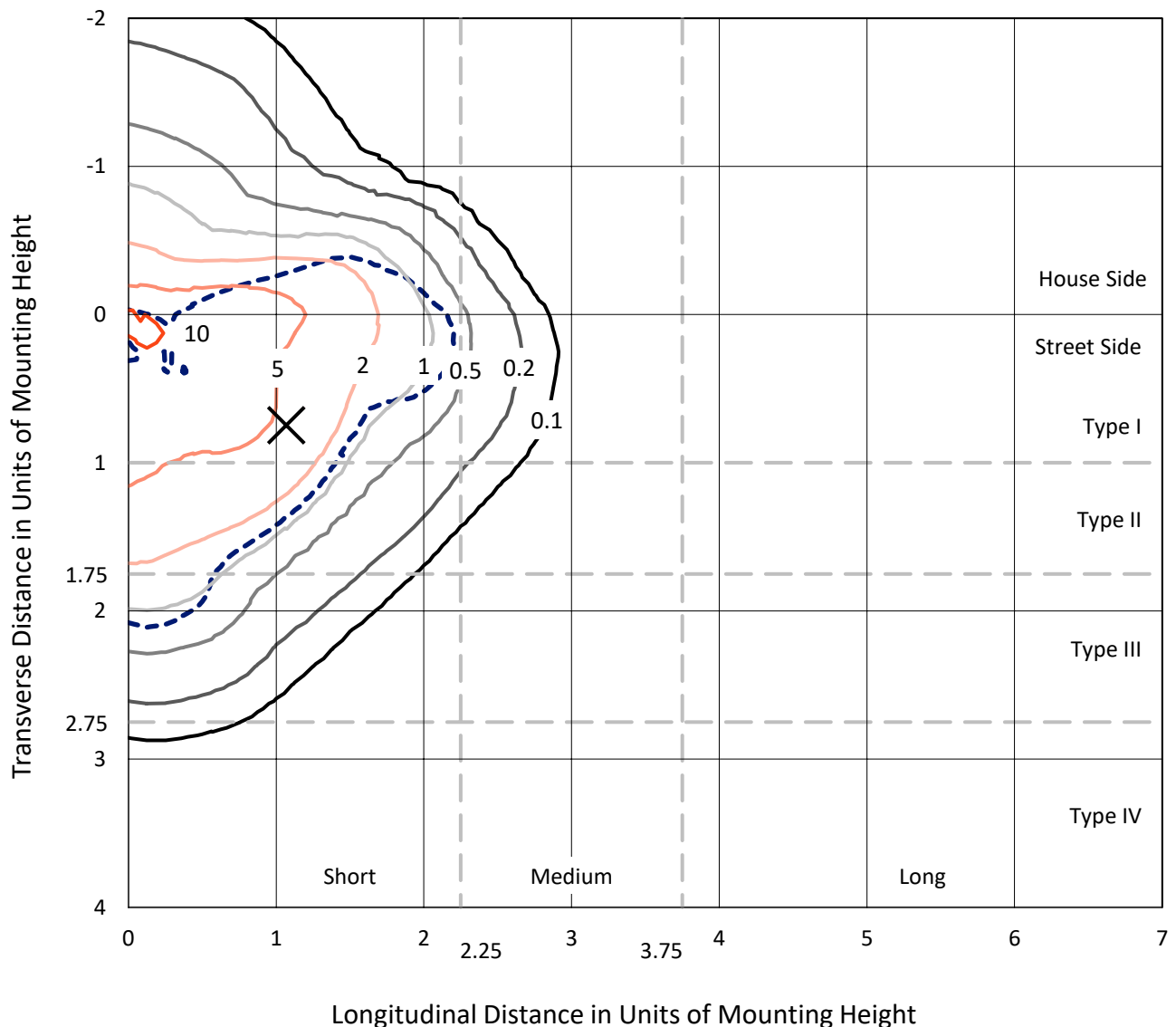
Input Watts (W): 160  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

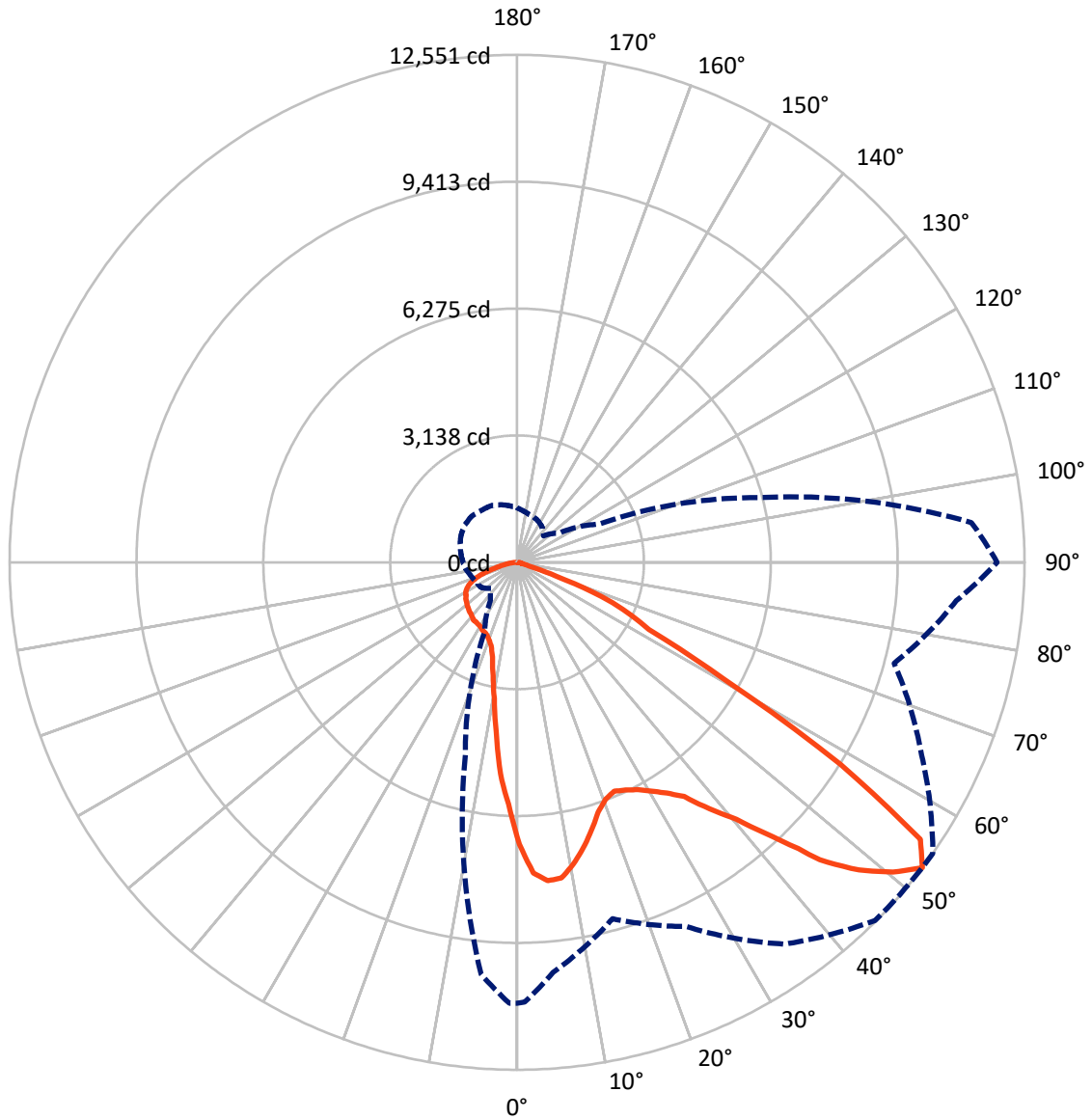
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.9 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral      - - - Horizontal Cone Through 52.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4768.3	0.0	4768.3
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	10862.7	0.0	10862.7
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	15631.0	0.0	15631.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	532.7	3.4
10°-20°	1148.6	7.3
20°-30°	1741.6	11.1
30°-40°	2516.3	16.1
40°-50°	3362.5	21.5
50°-60°	3753.3	24.0
60°-70°	2058.9	13.2
70°-80°	445.1	2.8
80°-90°	72.0	0.5
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°	15631.0	100.0
0°-180°	15631.0	100.0

**Coefficient of Utilization**



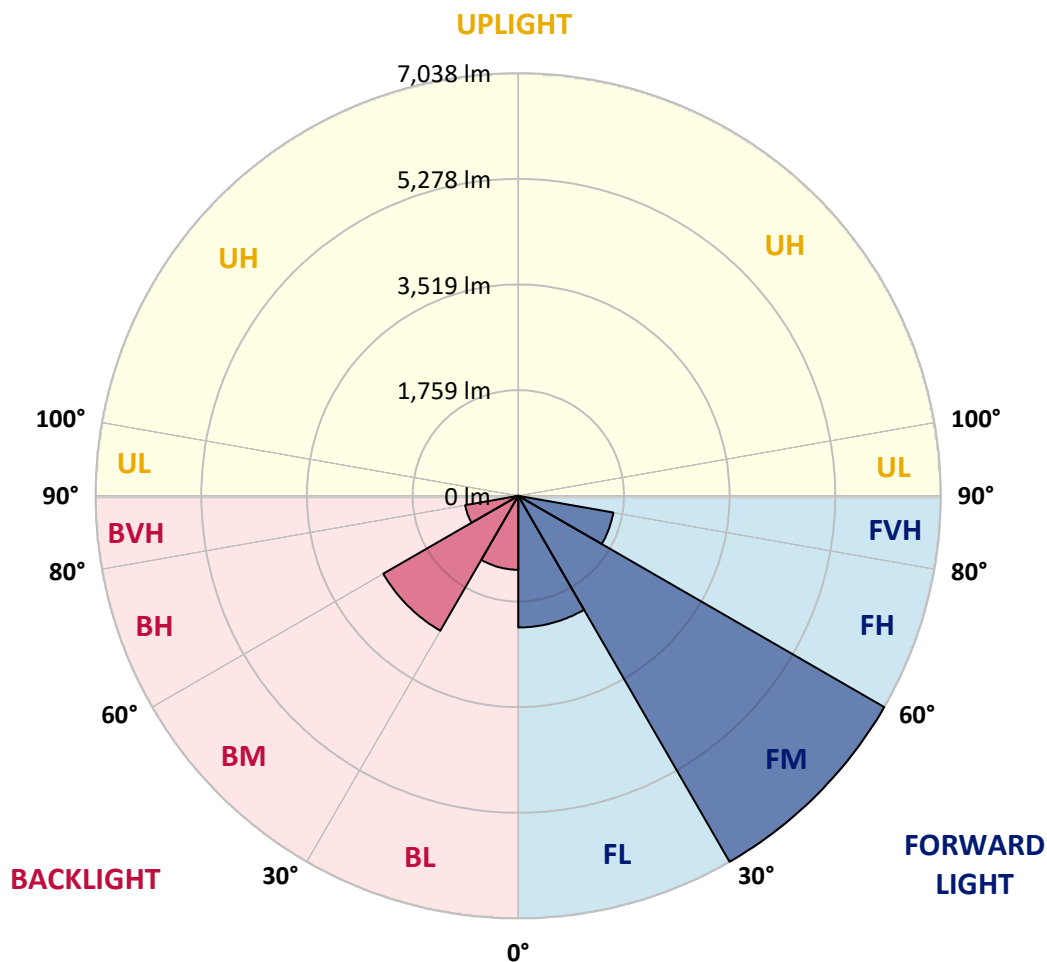
REPORT NUMBER: P528522  
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2191.8	14.0			
FM (30°-60°)	7037.8	45.0			
FH (60°-80°)	1606.5	10.3			G1/1800
FVH (80°-90°)	26.7	0.2			G1/100
BL (0°-30°)	1231.1	7.9	B3/2500		
BM (30°-60°)	2594.3	16.6	B3/5000		
BH (60°-80°)	897.5	5.7	B2/1000		G2/1000
BVH (80°-90°)	45.3	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6
2.5°	7317.3	7276.2	7312.7	7486.2	7586.6	7655.1	7698.4	7691.6	7527.3	7367.5	7367.5
5°	7102.7	7050.2	7125.6	7518.1	7913.0	7947.2	8004.3	7910.7	7668.8	7376.6	7011.4
7.5°	6481.9	6520.7	6646.3	7162.1	7675.6	7933.5	8002.0	7883.3	7490.7	6945.2	6408.9
10°	5945.6	6036.9	6326.7	6883.6	7356.1	7691.6	7766.9	7600.3	7289.9	6621.2	6141.9
12.5°	5760.7	5703.6	6025.5	6582.4	7034.3	7214.6	7248.8	7260.2	7050.2	6456.8	5872.5
15°	5737.9	5774.4	6025.5	6447.7	6726.1	6735.3	6792.3	6881.3	6908.7	6568.7	5998.1
17.5°	6066.5	6023.2	6281.1	6616.6	6484.2	6351.8	6365.5	6493.3	6719.3	6664.5	6392.9
20°	6552.7	6650.8	6854.0	6819.7	6463.7	6128.2	6130.4	6251.4	6696.5	7061.6	6943.0
22.5°	7360.6	7456.5	7607.1	7194.0	6463.7	6062.0	5984.4	6148.7	6842.5	7534.1	7563.8
25°	8097.8	8273.6	8314.7	7828.5	6787.8	6123.6	6073.4	6235.4	6988.6	7995.1	8275.9
27.5°	8768.9	8832.8	9013.1	8237.1	6968.1	6164.7	6160.1	6367.8	7173.5	8225.7	8912.6
30°	9298.4	9291.5	9394.2	8495.0	7255.6	6395.2	6173.8	6566.4	7415.4	8606.8	9501.5
32.5°	9659.0	9736.6	9953.4	8853.3	7376.6	6614.3	6440.8	6799.2	7709.8	8787.1	9916.9
35°	10293.5	10428.1	10154.3	9051.9	7760.1	6831.1	6628.0	7116.4	7855.9	8983.4	10425.9
37.5°	10891.5	10788.8	10510.3	9159.1	8008.8	7232.8	7043.4	7730.4	8310.1	9410.2	10763.6
40°	11274.9	11272.6	10777.3	9245.9	8184.6	7846.8	7835.4	8353.5	8867.0	9679.5	11142.5
42.5°	11441.5	11601.3	10886.9	9236.7	8554.3	8590.8	8821.4	9284.7	9261.9	9734.3	11133.4
44°	11669.7	11765.6	11076.3	9257.3	8800.8	9093.0	9636.2	9930.6	9606.5	9704.6	11122.0
45°	11660.6	11667.5	10807.0	9284.7	9010.8	9512.9	9999.1	10496.6	9910.0	9640.7	11272.6
47.5°	11393.6	11316.0	10578.8	9081.5	9665.8	10622.1	11071.8	11373.0	10284.4	9503.8	11085.5
50°	10866.4	10777.3	10024.2	8994.8	9802.8	11311.4	11932.2	12041.8	10624.4	9369.1	10900.6
52.5°	10902.9	10877.8	10181.6	9124.9	9939.7	11528.2	12523.4	12550.7	11010.1	9652.1	10902.9
55°	11555.6	11468.9	10633.6	9287.0	9839.3	11274.9	12146.8	12098.8	10880.0	9481.0	11103.7
57.5°	10574.2	10631.3	10008.2	8645.6	8611.4	9166.0	9549.4	9430.7	9079.3	8556.6	10330.0
60°	8531.5	8693.5	8752.9	7230.5	6497.9	6212.6	6098.5	5888.5	5947.9	7029.7	9074.7
62.5°	7317.3	7308.1	7680.2	6555.0	4256.6	3660.9	3606.1	3654.1	4338.8	6920.1	8887.5
65°	5801.8	5957.0	6071.1	5555.3	3368.8	2718.3	2716.0	3019.6	3754.5	5783.5	7175.8
67.5°	3683.7	3886.9	4028.4	3553.6	2252.7	1935.4	1883.0	2248.1	2601.9	3793.3	4320.5
70°	2077.0	2172.8	2236.7	2049.6	1433.3	1004.2	944.9	1031.6	1572.6	2455.8	2560.8
72.5°	801.1	844.5	931.2	938.1	540.9	324.1	262.5	315.0	661.9	972.3	926.6
75°	123.2	132.4	187.2	223.7	155.2	118.7	125.5	130.1	184.9	251.1	210.0
77.5°	59.3	59.3	57.1	66.2	77.6	84.4	91.3	100.4	109.6	121.0	116.4
80°	38.8	38.8	38.8	45.6	57.1	68.5	77.6	82.2	86.7	95.9	91.3
82.5°	25.1	25.1	25.1	34.2	45.6	57.1	61.6	73.0	82.2	95.9	89.0
85°	13.7	13.7	13.7	22.8	34.2	47.9	45.6	36.5	20.5	2.3	4.6
87.5°	4.6	4.6	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	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°	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6
2.5°	7175.8	7070.8	7061.6	6847.1	6655.4	6561.8	6486.5	6276.5	6322.2	6201.2	6198.9
5°	6828.8	6614.3	6267.4	5982.1	5696.8	5639.7	5391.0	5174.1	5181.0	5025.8	5053.2
7.5°	6205.8	6057.4	5635.2	5187.8	4808.9	4539.6	4304.5	4163.0	3982.7	3921.1	3889.2
10°	5810.9	5628.3	5153.6	4592.1	4167.6	4023.8	3797.9	3672.3	3487.5	3396.2	3332.3
12.5°	5637.4	5370.4	4777.0	4206.4	3923.4	3775.0	3583.3	3355.1	3136.0	3051.5	2935.1
15°	5655.7	5336.2	4667.4	4051.2	3711.1	3423.6	3252.4	2999.0	2775.4	2627.0	2542.6
17.5°	5931.9	5543.9	4717.7	3932.5	3444.1	3083.5	2748.0	2474.1	2296.1	2184.2	2156.8
20°	6584.6	6057.4	4802.1	3740.8	3177.1	2727.4	2314.3	2029.0	1892.1	1889.8	1892.1
22.5°	7127.8	6605.2	4973.3	3626.7	2910.0	2271.0	1860.1	1768.8	1741.4	1798.5	1805.4
25°	7860.5	7221.4	5267.7	3567.3	2663.5	1935.4	1682.1	1647.9	1645.6	1718.6	1720.9
27.5°	8611.4	7760.1	5443.4	3393.9	2412.5	1762.0	1574.8	1568.0	1604.5	1682.1	1675.3
30°	9122.6	8212.0	5760.7	3186.2	2115.8	1609.1	1531.5	1540.6	1590.8	1650.2	1659.3
32.5°	9718.3	8657.0	5842.9	3072.1	1933.2	1481.3	1426.5	1447.0	1510.9	1604.5	1654.7
35°	10400.8	8972.0	5968.4	2916.9	1864.7	1383.1	1355.7	1378.6	1456.2	1517.8	1572.6
37.5°	10905.2	9528.9	5991.2	2795.9	1789.4	1328.3	1285.0	1360.3	1405.9	1492.7	1520.1
40°	11279.5	9932.9	6050.6	2720.6	1730.0	1257.6	1257.6	1307.8	1369.4	1449.3	1504.1
42.5°	11519.1	10227.3	6093.9	2652.1	1615.9	1237.0	1225.6	1275.8	1358.0	1435.6	1460.7
44°	11665.2	10352.8	6050.6	2588.2	1584.0	1211.9	1211.9	1255.3	1319.2	1410.5	1440.2
45°	11701.7	10510.3	5954.7	2585.9	1545.2	1182.3	1177.7	1259.9	1303.2	1415.1	1433.3
47.5°	11843.2	10704.3	5966.1	2512.9	1451.6	1111.5	1191.4	1227.9	1266.7	1364.9	1426.5
50°	11838.6	10825.3	5941.0	2405.6	1383.1	1031.6	1164.0	1205.1	1243.9	1344.3	1369.4
52.5°	11870.6	11277.2	6171.5	2234.4	1259.9	928.9	1072.7	1164.0	1211.9	1296.4	1348.9
55°	11854.6	11535.1	6399.8	2106.6	1086.4	867.3	995.1	1102.4	1170.9	1259.9	1285.0
57.5°	10827.6	10195.3	5922.7	1867.0	899.3	794.3	885.6	1038.5	1125.2	1216.5	1248.5
60°	8846.5	7858.2	4884.3	1374.0	739.5	730.4	823.9	1017.9	1054.5	1134.3	1189.1
62.5°	8175.4	6892.8	3873.2	1049.9	632.2	668.7	760.0	919.8	976.9	1075.0	1125.2
65°	6397.5	4578.4	2398.8	709.8	556.9	600.3	687.0	805.7	899.3	990.5	1049.9
67.5°	3788.7	2501.5	1186.8	497.6	486.1	531.8	620.8	709.8	817.1	917.5	947.2
70°	2063.3	1230.2	506.7	378.9	413.1	454.2	540.9	602.5	705.3	782.9	833.1
72.5°	661.9	374.3	253.3	280.7	315.0	362.9	415.4	490.7	563.7	609.4	650.5
75°	159.8	157.5	180.3	196.3	228.2	264.8	308.1	346.9	404.0	447.3	483.9
77.5°	111.8	121.0	139.2	162.0	173.5	187.2	214.5	244.2	269.3	301.3	324.1
80°	86.7	93.6	107.3	118.7	130.1	141.5	155.2	166.6	182.6	203.1	214.5
82.5°	82.2	86.7	100.4	107.3	102.7	100.4	109.6	114.1	116.4	123.2	130.1
85°	6.8	0.0	4.6	16.0	38.8	57.1	61.6	61.6	59.3	63.9	63.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	9.1	6.8
90°	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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6
2.5°	6171.5	6093.9	6123.6	6160.1	6107.6	5986.7	6018.6	6004.9	6128.2	6119.0	6242.3
5°	5174.1	5053.2	5066.9	5244.9	5187.8	5249.4	5126.2	5110.2	5133.0	5144.5	5165.0
7.5°	3959.9	3943.9	4080.9	4231.5	4302.3	4229.2	4108.3	4080.9	4055.8	4005.6	4119.7
10°	3231.8	3236.4	3227.3	3341.4	3421.3	3405.3	3332.3	3323.1	3275.2	3256.9	3320.8
12.5°	2884.9	2823.3	2793.6	2757.1	2818.7	2859.8	2827.9	2805.0	2807.3	2830.1	2839.3
15°	2549.4	2510.6	2446.7	2405.6	2435.3	2414.7	2403.3	2449.0	2437.6	2433.0	2487.8
17.5°	2172.8	2204.8	2200.2	2154.6	2193.4	2177.4	2175.1	2143.1	2099.8	2067.8	2086.1
20°	1924.0	1983.4	2029.0	2031.3	2051.8	2049.6	2015.3	1917.2	1885.2	1878.4	1883.0
22.5°	1835.0	1867.0	1921.8	1999.4	1999.4	1962.8	1921.8	1807.6	1778.0	1746.0	1732.3
25°	1764.3	1825.9	1896.6	1905.8	1942.3	1908.1	1841.9	1784.8	1723.2	1679.8	1679.8
27.5°	1727.8	1796.2	1848.7	1864.7	1914.9	1887.5	1819.0	1746.0	1673.0	1670.7	1631.9
30°	1711.8	1775.7	1809.9	1848.7	1871.5	1828.2	1807.6	1730.0	1657.0	1638.7	1574.8
32.5°	1663.8	1755.1	1819.0	1809.9	1828.2	1809.9	1780.2	1716.3	1634.2	1593.1	1586.2
35°	1609.1	1700.4	1768.8	1816.8	1828.2	1789.4	1771.1	1684.4	1572.6	1552.0	1481.3
37.5°	1579.4	1634.2	1718.6	1796.2	1812.2	1791.7	1730.0	1641.0	1529.2	1506.4	1444.7
40°	1542.9	1613.6	1679.8	1743.7	1791.7	1741.4	1670.7	1584.0	1533.8	1465.3	1447.0
42.5°	1515.5	1595.4	1650.2	1720.9	1775.7	1709.5	1627.3	1568.0	1497.2	1451.6	1399.1
44°	1506.4	1579.4	1615.9	1702.6	1748.3	1698.1	1629.6	1568.0	1485.8	1444.7	1399.1
45°	1474.4	1574.8	1613.6	1691.2	1730.0	1689.0	1602.2	1540.6	1481.3	1431.0	1383.1
47.5°	1442.5	1510.9	1577.1	1638.7	1666.1	1652.4	1579.4	1504.1	1433.3	1403.7	1358.0
50°	1433.3	1501.8	1563.4	1620.5	1652.4	1625.0	1558.9	1485.8	1403.7	1355.7	1316.9
52.5°	1387.7	1472.1	1540.6	1558.9	1599.9	1584.0	1533.8	1453.9	1376.3	1335.2	1303.2
55°	1321.5	1410.5	1504.1	1526.9	1586.2	1561.1	1485.8	1410.5	1344.3	1282.7	1241.6
57.5°	1296.4	1383.1	1474.4	1504.1	1540.6	1499.5	1481.3	1401.4	1296.4	1264.4	1200.5
60°	1232.5	1342.0	1417.4	1485.8	1488.1	1476.7	1444.7	1353.4	1266.7	1207.4	1161.7
62.5°	1182.3	1285.0	1344.3	1408.2	1447.0	1415.1	1383.1	1298.7	1205.1	1138.9	1086.4
65°	1109.2	1202.8	1253.0	1291.8	1335.2	1330.6	1275.8	1214.2	1116.1	1063.6	1013.4
67.5°	997.4	1079.6	1148.0	1184.5	1211.9	1205.1	1164.0	1120.6	1020.2	967.7	931.2
70°	862.7	947.2	990.5	1011.1	1038.5	1052.2	1020.2	999.7	910.7	842.2	808.0
72.5°	693.8	748.6	812.5	830.8	842.2	851.3	851.3	833.1	741.8	714.4	655.0
75°	511.3	554.6	602.5	602.5	623.1	625.4	629.9	618.5	550.1	513.5	499.8
77.5°	346.9	378.9	417.7	433.6	447.3	445.1	442.8	410.8	374.3	358.3	344.6
80°	226.0	257.9	276.2	296.7	310.4	308.1	312.7	289.9	273.9	246.5	251.1
82.5°	134.7	159.8	178.0	203.1	203.1	210.0	210.0	203.1	187.2	173.5	173.5
85°	63.9	84.4	95.9	111.8	121.0	123.2	109.6	93.6	77.6	70.8	77.6
87.5°	11.4	16.0	22.8	20.5	25.1	22.8	22.8	22.8	22.8	18.3	20.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P528522

CATALOG NUMBER: GLAN-SA3C-760-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6	6972.6
2.5°	6196.6	6310.7	6390.6	6523.0	6751.2	6933.8	7121.0	7260.2	7276.2	7317.3
5°	5240.3	5301.9	5505.1	5769.8	5957.0	6265.1	6463.7	6824.3	6958.9	7102.7
7.5°	4092.3	4192.7	4464.3	4642.3	5053.2	5438.9	5838.3	6283.4	6461.4	6481.9
10°	3450.9	3597.0	3781.9	4067.2	4290.9	4719.9	5217.5	5712.8	5911.3	5945.6
12.5°	3031.0	3218.1	3464.6	3670.0	3884.6	4258.9	4735.9	5347.6	5605.5	5760.7
15°	2627.0	2821.0	3092.6	3377.9	3567.3	4014.7	4576.1	5265.4	5600.9	5737.9
17.5°	2211.6	2391.9	2615.6	2923.7	3304.9	3807.0	4551.0	5539.3	5906.8	6066.5
20°	1855.6	1956.0	2216.2	2533.4	3010.4	3594.7	4560.2	5943.3	6481.9	6552.7
22.5°	1716.3	1739.2	1841.9	2134.0	2656.7	3377.9	4722.2	6516.2	7127.8	7360.6
25°	1609.1	1604.5	1631.9	1828.2	2398.8	3293.5	4882.0	7043.4	7844.5	8097.8
27.5°	1549.7	1504.1	1506.4	1691.2	2216.2	3156.5	5087.4	7648.2	8657.0	8768.9
30°	1520.1	1510.9	1483.5	1558.9	2017.6	2951.1	5121.6	8243.9	9136.3	9298.4
32.5°	1501.8	1412.8	1378.6	1405.9	1830.5	2727.4	5249.4	8636.5	9729.7	9659.0
35°	1410.5	1330.6	1307.8	1335.2	1698.1	2601.9	5165.0	8978.8	10174.8	10293.5
37.5°	1376.3	1305.5	1259.9	1237.0	1574.8	2496.9	5121.6	9506.1	10606.2	10891.5
40°	1344.3	1269.0	1214.2	1191.4	1479.0	2357.7	5107.9	9912.3	11103.7	11274.9
42.5°	1307.8	1259.9	1198.2	1157.2	1362.6	2218.5	4950.5	10037.9	11256.6	11441.5
44°	1296.4	1223.3	1159.4	1145.7	1316.9	2147.7	4918.5	10152.0	11389.0	11669.7
45°	1285.0	1216.5	1143.5	1125.2	1300.9	2108.9	4875.1	10179.4	11608.1	11660.6
47.5°	1253.0	1209.7	1138.9	1088.7	1266.7	2024.5	4745.0	10024.2	11384.5	11393.6
50°	1227.9	1177.7	1104.7	1006.5	1221.1	1953.7	4804.4	9967.1	10845.8	10866.4
52.5°	1200.5	1125.2	1084.1	915.2	1145.7	1894.4	4929.9	10225.0	10907.4	10902.9
55°	1168.6	1086.4	986.0	837.6	1020.2	1819.0	5233.5	10734.0	11478.0	11555.6
57.5°	1118.4	1047.6	903.8	769.2	876.4	1675.3	5135.3	9759.4	10560.5	10574.2
60°	1052.2	986.0	819.4	716.7	718.9	1321.5	4592.1	7604.9	8332.9	8531.5
62.5°	988.3	951.7	748.6	641.3	611.7	1052.2	3882.3	6319.9	7152.9	7317.3
65°	912.9	823.9	687.0	584.3	524.9	737.2	2750.3	4722.2	5580.4	5801.8
67.5°	817.1	721.2	604.8	513.5	449.6	493.0	1419.6	2684.1	3553.6	3683.7
70°	714.4	625.4	509.0	433.6	362.9	340.1	625.4	1280.4	1942.3	2077.0
72.5°	586.6	504.4	406.3	342.4	271.6	235.1	210.0	342.4	689.3	801.1
75°	424.5	367.5	305.8	244.2	191.7	150.6	123.2	102.7	114.1	123.2
77.5°	312.7	267.0	226.0	173.5	134.7	107.3	84.4	63.9	61.6	59.3
80°	244.2	216.8	180.3	139.2	105.0	79.9	59.3	43.4	38.8	38.8
82.5°	191.7	178.0	148.4	114.1	86.7	63.9	43.4	29.7	25.1	25.1
85°	73.0	73.0	107.3	93.6	66.2	45.6	29.7	16.0	13.7	13.7
87.5°	18.3	18.3	18.3	18.3	16.0	13.7	13.7	6.8	4.6	4.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)