

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: P948661

Luminaire Tested: **GLAN-SB3C-927-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948661
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-927-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10438 lumens
Efficiency: N/A
Efficacy: 70.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 149.1
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



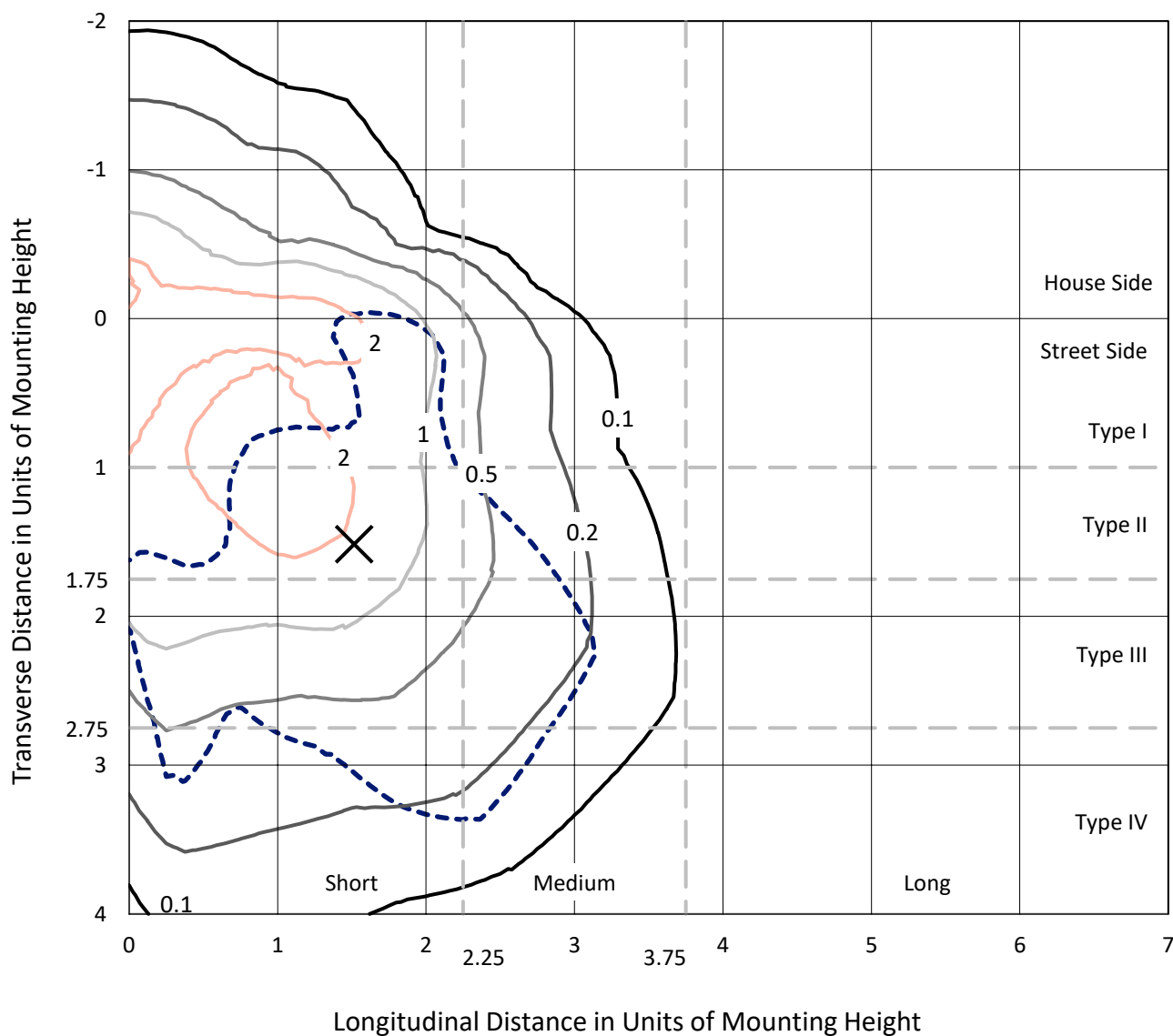
REPORT NUMBER: P948661

CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

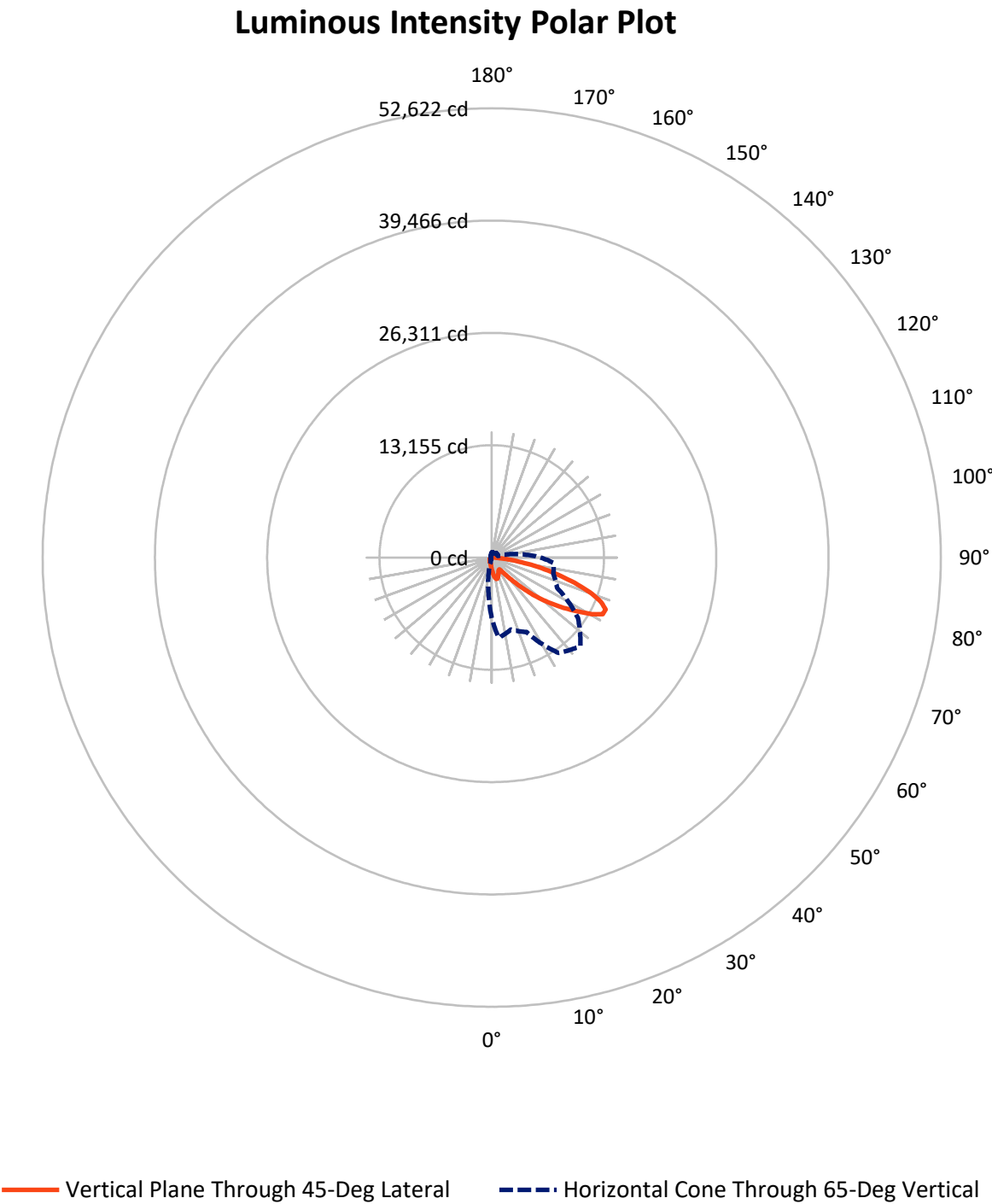
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.8 fc

Type IV - Short - N/A

REPORT NUMBER: P948661
CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS



REPORT NUMBER: P948661

CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS

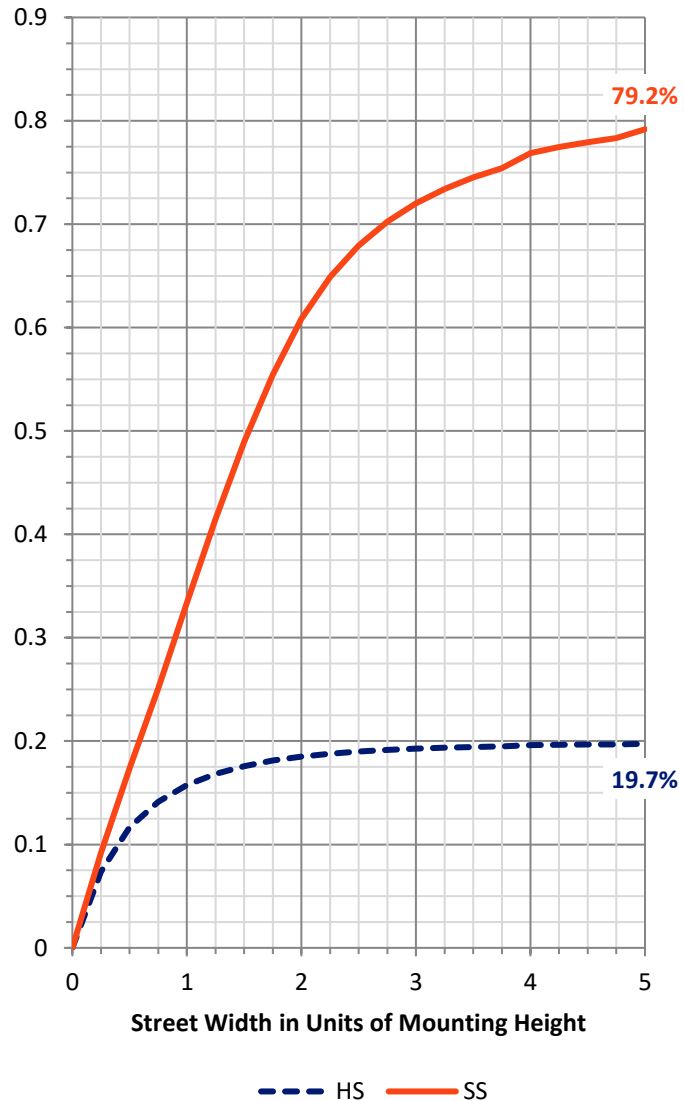
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2074.7	0.0	2074.7
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	8363.2	0.0	8363.2
	% Fixture	80.1	0.0	80.1
Total	Lumens	10438.0	0.0	10438.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.3	1.4
10°-20°	426.6	4.1
20°-30°	628.4	6.0
30°-40°	807.3	7.7
40°-50°	1305.7	12.5
50°-60°	2289.7	21.9
60°-70°	2865.0	27.4
70°-80°	1674.2	16.0
80°-90°	298.7	2.9
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°	10438.0	100.0
0°-180°	10438.0	100.0

Coefficient of Utilization



REPORT NUMBER: P948661

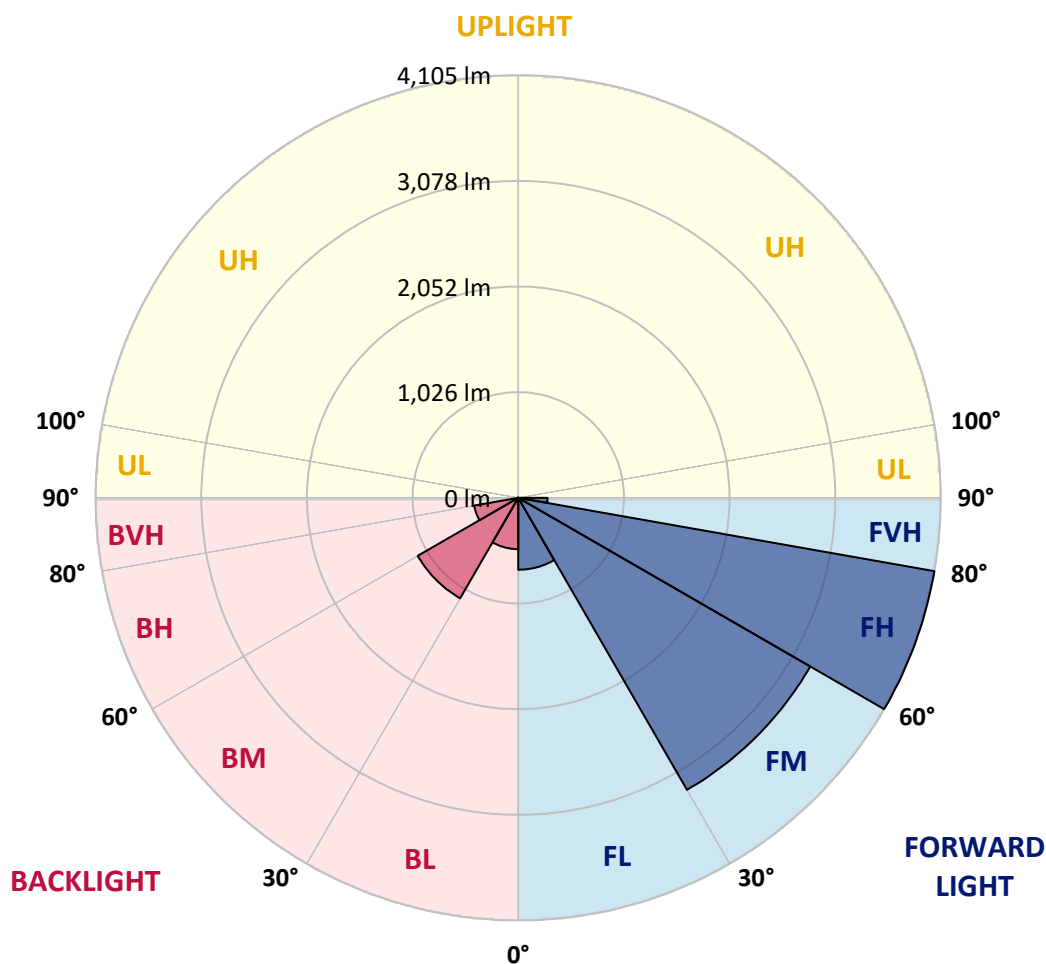
CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	698.4	6.7			
FM	(30°-60°)	3275.6	31.4			
FH	(60°-80°)	4104.5	39.3			G2/5000
FVH	(80°-90°)	284.7	2.7			G3/500
BL	(0°-30°)	498.9	4.8	B1/500		
BM	(30°-60°)	1127.2	10.8	B2/2500		
BH	(60°-80°)	434.7	4.2	B1/500		G1/500
BVH	(80°-90°)	14.0	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



REPORT NUMBER: P948661

CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3
2.5°	1619.3	1631.6	1658.9	1673.3	1695.6	1697.0	1697.0	1677.6	1676.9	1637.3
5°	1809.9	1838.7	1903.4	1970.2	1984.6	1988.2	1981.0	1942.2	1913.4	1836.5
7.5°	1999.0	2054.4	2152.9	2242.1	2270.8	2270.8	2253.6	2190.3	2131.3	2019.9
10°	2155.8	2225.5	2359.3	2459.2	2492.3	2485.1	2449.9	2370.1	2288.8	2153.6
12.5°	2259.3	2337.7	2484.4	2564.9	2598.7	2580.0	2539.8	2462.1	2376.5	2234.1
15°	2311.1	2393.1	2520.3	2562.8	2553.4	2534.0	2529.0	2491.6	2426.9	2293.8
17.5°	2333.4	2409.6	2498.0	2471.4	2392.3	2377.2	2427.6	2475.0	2459.2	2345.6
20°	2354.2	2418.2	2444.8	2326.9	2188.8	2175.2	2271.5	2406.7	2475.8	2393.8
22.5°	2383.0	2422.5	2367.9	2174.5	2025.6	1994.0	2100.4	2303.9	2480.8	2454.9
25°	2422.5	2433.3	2283.0	2029.9	1880.4	1848.7	1948.0	2189.6	2472.2	2521.1
27.5°	2470.0	2447.7	2201.8	1909.1	1764.6	1735.1	1834.3	2079.5	2447.7	2587.2
30°	2531.8	2466.4	2121.3	1815.6	1681.9	1660.3	1756.0	1984.6	2417.5	2671.3
32.5°	2594.4	2474.3	2046.5	1761.0	1663.2	1671.1	1749.5	1933.6	2384.4	2751.9
35°	2662.0	2499.5	2009.8	1814.9	1819.2	1888.3	1920.6	1981.0	2379.4	2861.2
37.5°	2754.0	2555.6	2053.7	2083.1	2232.7	2375.8	2349.2	2213.3	2437.6	3024.4
40°	2886.3	2654.1	2244.9	2539.8	2846.8	3079.1	2977.7	2635.4	2616.0	3259.5
42.5°	3079.1	2810.8	2584.3	3097.7	3618.4	4000.9	3729.1	3179.7	2928.0	3595.3
45°	3363.8	3064.7	2994.9	3686.7	4569.7	5172.3	4607.1	3760.0	3365.2	4103.7
47.5°	3758.6	3437.9	3379.6	4307.2	5725.9	6505.4	5580.7	4297.9	3862.8	4796.9
50°	4282.8	3940.5	3744.2	4986.0	6993.7	7864.5	6553.6	4817.0	4433.1	5644.0
52.5°	4974.5	4641.6	4169.2	5632.5	8297.3	9194.7	7530.8	5272.9	5140.6	6626.9
55°	5917.9	5696.5	4750.2	6249.4	9600.3	10532.9	8469.9	5702.9	6075.4	7794.7
57.5°	7088.6	7246.8	5587.9	6964.9	10771.7	11912.1	9413.3	6304.1	7289.2	9100.5
60°	7843.6	9308.4	7192.1	8022.7	12102.7	13471.8	10706.2	7447.4	8564.8	9568.7
62.5°	7661.0	9964.1	9113.5	9373.1	13326.5	14605.7	11973.2	8595.8	8805.0	8879.1
65°	7100.8	9434.9	8721.6	9635.5	13636.4	14669.7	12311.9	8447.6	7469.0	7248.9
67.5°	6330.0	8807.2	7790.4	8939.5	13076.3	13775.2	11681.3	7472.6	5772.0	5439.8
70°	5498.0	8112.5	7179.2	8158.6	12008.5	12216.3	10609.1	6572.3	4245.4	3673.7
72.5°	4708.5	7389.2	6760.7	7358.2	10584.0	10154.0	9213.4	5776.3	3091.3	2649.8
75°	3901.0	6322.1	6164.6	6407.6	8710.8	7998.2	7655.2	4782.5	2426.1	1917.0
77.5°	3010.0	4940.0	5302.4	5131.3	6131.5	5940.9	5933.8	3593.9	1772.5	1279.2
80°	2060.1	3442.9	4142.6	3619.8	3979.3	3882.3	4469.0	2411.0	1285.7	770.1
82.5°	1210.9	2096.1	2883.5	1752.4	2200.4	2258.6	2661.3	1172.8	756.5	177.6
85°	491.1	827.6	1127.5	686.0	1061.3	895.2	1010.3	329.3	210.7	4.3
87.5°	123.7	264.6	185.5	76.9	123.0	112.9	89.2	40.3	8.6	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P948661

CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

90°		95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
1445.3	0°	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3
1633.0	2.5°	1605.0	1588.4	1547.4	1506.4	1473.4	1428.8	1399.3	1364.1	1330.3	1300.1
1820.0	5°	1774.7	1720.0	1645.2	1576.9	1507.2	1439.6	1372.7	1302.2	1237.5	1198.0
1978.2	7.5°	1912.7	1816.4	1717.1	1630.1	1546.0	1466.9	1378.5	1292.9	1191.5	1137.6
2099.0	10°	2015.6	1889.0	1758.8	1658.9	1574.0	1497.1	1422.3	1336.0	1213.8	1146.2
2172.3	12.5°	2083.1	1932.9	1780.4	1666.1	1571.2	1511.5	1478.4	1444.6	1323.1	1244.0
2226.2	15°	2129.9	1963.8	1795.5	1649.5	1533.1	1489.2	1522.3	1561.1	1483.4	1392.1
2282.3	17.5°	2180.9	2004.0	1802.0	1605.0	1459.0	1440.3	1525.9	1615.7	1612.2	1521.6
2335.5	20°	2234.9	2039.3	1797.7	1533.1	1369.1	1385.6	1494.9	1599.2	1643.1	1594.2
2396.7	22.5°	2290.2	2073.1	1781.1	1439.6	1285.0	1336.7	1446.0	1537.4	1589.1	1574.0
2471.4	25°	2360.0	2120.5	1756.7	1338.9	1215.2	1287.1	1389.2	1463.3	1499.3	1498.5
2552.0	27.5°	2443.4	2183.8	1743.7	1257.7	1165.6	1231.0	1321.6	1387.8	1413.0	1413.0
2651.9	30°	2540.5	2258.6	1729.4	1204.4	1136.8	1172.8	1243.3	1308.0	1333.2	1333.2
2761.2	32.5°	2648.3	2330.5	1694.8	1172.1	1115.3	1116.0	1160.6	1219.5	1249.7	1254.1
2897.8	35°	2777.8	2407.4	1619.3	1146.2	1090.1	1060.6	1082.2	1131.1	1167.0	1176.4
3092.7	37.5°	2947.5	2501.6	1511.5	1108.1	1051.3	1002.4	1007.4	1044.8	1084.4	1098.7
3361.6	40°	3175.4	2612.4	1399.3	1053.4	996.6	938.4	936.2	963.6	1002.4	1018.2
3725.5	42.5°	3476.7	2745.4	1292.2	1000.9	930.5	870.8	867.2	888.8	922.6	939.1
4205.8	45°	3862.1	2908.6	1200.1	960.0	865.8	806.8	805.4	823.3	852.8	870.1
4820.6	47.5°	4397.8	3071.9	1137.6	938.4	814.7	754.3	757.2	773.0	799.6	811.8
5616.6	50°	5096.0	3121.5	1105.9	938.4	787.4	707.6	721.9	734.9	755.0	762.2
6570.9	52.5°	5766.2	2957.5	1077.2	944.1	791.0	668.0	698.9	708.3	725.5	728.4
7455.3	55°	6094.8	2542.6	1037.6	945.6	813.3	634.2	680.2	697.5	704.0	703.2
7968.7	57.5°	5981.9	2055.8	970.7	939.8	828.4	612.6	657.2	690.3	694.6	688.1
7870.9	60°	5585.7	1513.6	919.7	897.4	822.6	606.2	622.0	674.5	681.0	672.3
7117.3	62.5°	4921.3	1050.6	880.1	803.9	797.4	604.0	566.6	640.0	655.8	643.6
5720.9	65°	3874.3	742.1	757.9	704.7	742.8	592.5	509.1	598.3	619.8	601.1
4150.5	67.5°	2621.7	535.7	614.1	638.5	654.4	566.6	467.4	550.8	579.6	555.1
2663.4	70°	1415.8	376.1	405.6	537.9	555.8	522.0	430.0	502.6	535.7	509.1
1893.3	72.5°	836.3	270.4	284.0	432.2	463.1	459.5	388.3	446.5	486.8	455.2
1306.5	75°	460.9	182.6	202.8	313.5	376.1	354.5	333.6	378.2	419.2	388.3
819.0	77.5°	206.4	109.3	140.9	205.7	295.5	243.0	258.1	294.8	332.9	300.6
455.9	80°	79.8	61.1	93.5	112.2	215.0	134.5	166.1	217.2	244.5	218.6
99.2	82.5°	10.1	27.3	40.3	43.9	125.1	71.2	96.4	136.6	134.5	116.5
0.0	85°	0.0	5.0	5.8	2.9	53.9	25.9	31.6	44.6	41.7	31.6
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	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

REPORT NUMBER: P948661

CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

185°		195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
1445.3	0°	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3
1294.3	2.5°	1259.1	1233.2	1220.3	1209.5	1219.5	1225.3	1225.3	1249.7	1264.1	1269.9
1172.8	5°	1109.5	1061.3	1029.0	1009.6	1016.0	1023.2	1031.1	1062.1	1082.9	1096.6
1088.7	7.5°	991.6	918.3	872.9	849.2	852.8	857.8	864.3	894.5	915.4	933.4
1072.9	10°	933.4	829.8	770.1	741.4	736.3	733.5	731.3	749.3	765.1	779.5
1137.6	12.5°	936.2	791.7	719.1	683.8	668.7	651.5	637.8	640.7	650.8	668.7
1253.3	15°	972.9	779.5	692.5	648.6	623.4	603.3	586.8	583.2	586.8	589.6
1385.6	17.5°	1022.5	778.0	669.5	614.8	588.9	572.4	557.3	552.2	553.0	556.6
1473.4	20°	1062.1	773.7	643.6	582.4	559.4	545.1	530.0	524.9	526.4	527.1
1482.0	22.5°	1082.9	767.2	614.8	550.1	530.7	516.3	502.6	501.9	501.9	506.2
1435.3	25°	1082.9	753.6	588.9	519.2	501.9	489.0	472.4	475.3	476.7	482.5
1362.6	27.5°	1057.0	727.7	568.1	492.6	474.6	461.6	446.5	450.1	452.3	458.8
1290.7	30°	1024.0	696.8	544.3	467.4	446.5	437.2	424.3	425.7	428.6	435.8
1223.9	32.5°	988.7	660.1	524.9	442.2	421.4	414.2	399.8	402.0	404.8	412.7
1157.7	35°	949.9	617.0	501.9	419.2	398.4	392.6	376.1	377.5	381.8	390.5
1086.5	37.5°	908.9	581.7	478.9	396.9	375.4	369.6	352.3	353.8	358.8	368.9
1011.7	40°	868.6	547.2	454.5	373.2	351.6	346.6	327.9	329.3	335.1	345.9
936.2	42.5°	824.8	520.6	422.8	348.7	325.7	320.7	303.4	305.6	312.1	322.9
866.5	45°	772.3	503.3	387.6	325.7	299.9	294.8	279.0	283.3	290.5	301.3
806.8	47.5°	718.4	496.2	358.1	301.3	273.2	268.9	256.0	263.2	271.1	279.7
755.7	50°	666.6	486.8	327.9	278.3	250.2	245.9	237.3	246.6	254.6	262.5
719.1	52.5°	607.6	466.7	300.6	258.1	230.8	229.4	225.1	233.7	240.9	248.1
687.4	55°	546.5	434.3	276.8	240.2	214.3	215.7	213.6	220.8	226.5	233.0
658.7	57.5°	493.3	393.3	258.1	220.8	199.9	204.2	201.3	204.9	208.5	216.4
624.2	60°	439.4	344.4	237.3	197.7	185.5	190.6	182.6	181.9	183.4	185.5
573.1	62.5°	366.7	293.4	211.4	177.6	169.7	171.9	156.8	145.3	145.3	147.4
501.9	65°	294.8	245.9	182.6	154.6	148.1	146.7	125.1	109.3	107.9	114.3
419.2	67.5°	242.3	204.2	153.9	128.7	124.4	125.8	110.0	94.2	92.8	100.0
341.6	70°	200.6	164.7	123.0	99.2	103.5	110.0	94.2	79.1	76.9	83.4
277.6	72.5°	159.6	128.7	94.2	73.3	85.6	93.5	76.9	62.6	61.1	66.9
214.3	75°	117.2	92.0	64.0	53.2	66.2	73.3	56.1	44.6	42.4	47.5
143.1	77.5°	72.6	51.8	40.3	31.6	45.3	48.9	29.5	25.9	25.2	28.8
87.0	80°	33.8	22.3	19.4	10.8	16.5	19.4	12.2	13.7	14.4	17.3
43.9	82.5°	9.3	3.6	0.7	0.0	0.0	5.8	2.9	5.8	7.2	10.8
3.6	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.6	6.5
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P948661

CATALOG NUMBER: GLAN-SB3C-927-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

285°		295°	305°	315°	325°	335°	345°	355°	360°
1445.3	0°	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3	1445.3
1310.1	2.5°	1340.3	1369.1	1415.1	1462.6	1509.3	1556.8	1602.8	1619.3
1159.1	5°	1215.9	1282.1	1373.4	1471.2	1571.9	1674.0	1767.5	1809.9
1003.1	7.5°	1077.2	1172.1	1309.4	1462.6	1622.9	1783.3	1930.7	1999.0
848.5	10°	929.0	1049.1	1205.9	1413.0	1643.1	1864.5	2067.3	2155.8
712.6	12.5°	788.1	913.9	1087.2	1335.3	1627.3	1911.3	2155.1	2259.3
617.0	15°	670.2	781.6	968.6	1243.3	1576.2	1914.2	2196.8	2311.1
563.8	17.5°	581.7	654.4	847.8	1141.2	1509.3	1887.6	2211.1	2333.4
535.0	20°	537.9	558.0	691.0	1010.3	1446.8	1862.4	2225.5	2354.2
512.0	22.5°	512.0	517.0	565.2	841.3	1372.0	1854.5	2250.7	2383.0
491.1	25°	491.1	492.6	505.5	666.6	1257.7	1849.4	2289.5	2422.5
469.6	27.5°	470.3	470.3	477.5	537.1	1102.3	1827.9	2339.9	2470.0
448.0	30°	449.4	449.4	454.5	475.3	920.4	1785.4	2400.3	2531.8
426.4	32.5°	427.8	427.8	432.2	447.3	734.9	1732.2	2455.6	2594.4
404.1	35°	406.3	404.8	410.6	426.4	584.6	1664.6	2511.0	2662.0
381.8	37.5°	383.3	382.5	388.3	406.3	504.8	1586.3	2552.7	2754.0
359.5	40°	358.8	358.8	365.3	384.7	481.8	1487.8	2618.8	2886.3
336.5	42.5°	336.5	335.1	342.3	366.0	464.5	1393.6	2737.5	3079.1
315.7	45°	315.0	312.1	318.5	348.0	434.3	1360.5	2959.0	3363.8
295.5	47.5°	294.8	287.6	293.4	326.5	407.0	1484.2	3321.4	3758.6
277.6	50°	278.3	264.6	269.7	304.9	386.1	1752.4	3791.7	4282.8
261.0	52.5°	261.0	243.0	245.9	278.3	367.4	2007.6	4301.5	4974.5
244.5	55°	243.0	222.9	224.3	251.7	340.8	2045.8	4799.1	5917.9
225.8	57.5°	222.9	204.2	204.2	227.2	321.4	1773.2	5181.6	7088.6
202.8	60°	200.6	188.4	184.8	207.8	338.7	1251.2	5226.2	7843.6
173.3	62.5°	176.2	169.7	164.7	189.1	351.6	741.4	4867.4	7661.0
136.6	65°	148.1	146.7	143.1	207.8	296.3	437.9	4178.5	7100.8
116.5	67.5°	124.4	122.2	122.2	217.9	225.1	275.4	3264.6	6330.0
99.2	70°	107.1	99.2	99.2	164.7	136.6	190.6	2279.4	5498.0
82.0	72.5°	89.9	81.3	75.5	131.6	102.1	139.5	1424.5	4708.5
62.6	75°	71.9	65.4	58.2	87.0	76.2	105.7	827.6	3901.0
39.5	77.5°	51.8	48.9	41.0	64.0	55.4	76.2	492.6	3010.0
24.4	80°	26.6	27.3	25.9	36.7	37.4	51.8	280.4	2060.1
15.8	82.5°	15.8	12.2	13.7	18.0	21.6	29.5	105.7	1210.9
11.5	85°	10.1	6.5	6.5	8.6	10.8	11.5	32.4	491.1
5.8	87.5°	5.0	2.2	2.9	4.3	3.6	2.9	1.4	123.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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