

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: P528184

Luminaire Tested: **GLAN-SA3B-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528184
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-SA3B-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 3000K, 800mA 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: 11522 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 121
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



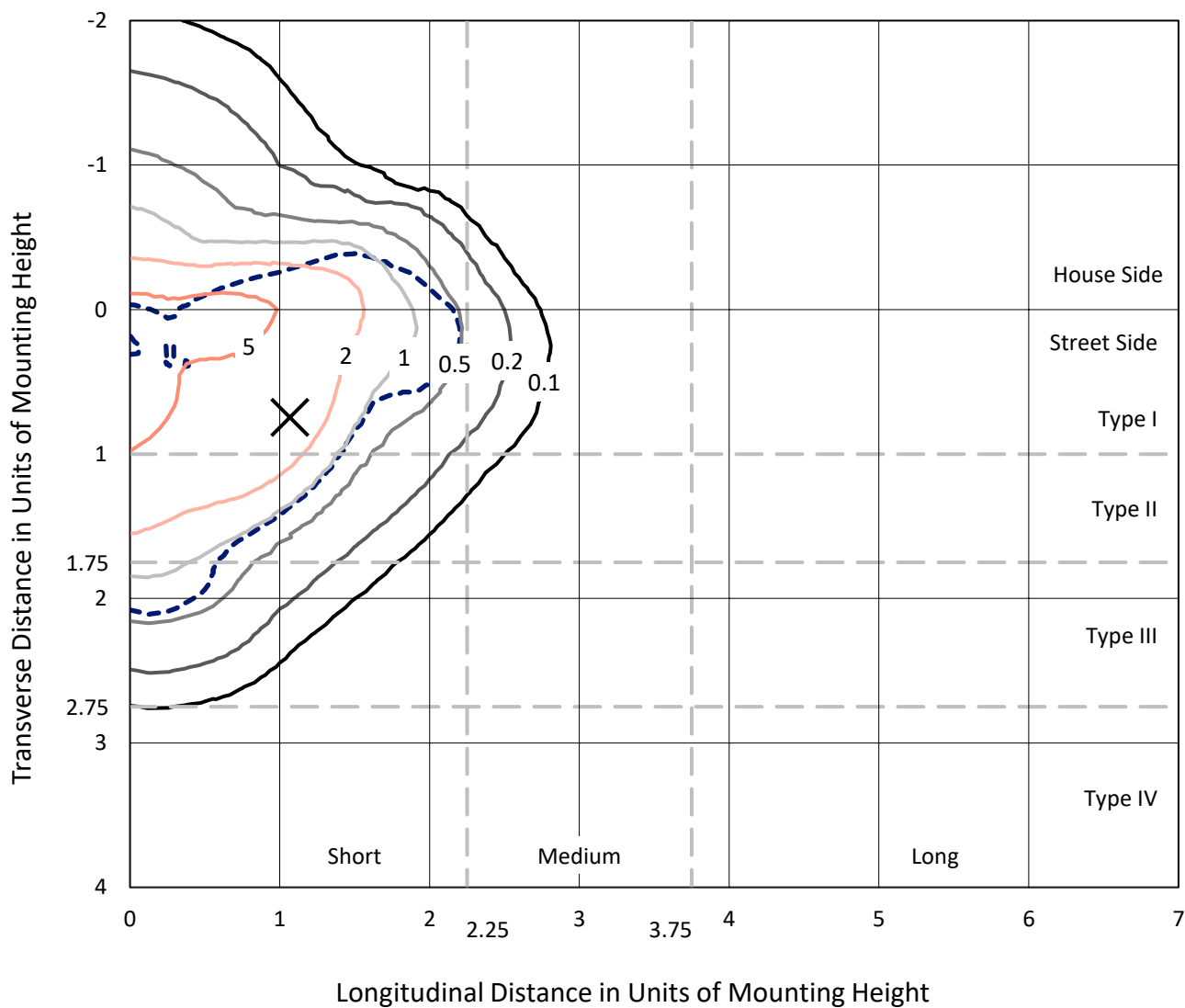
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

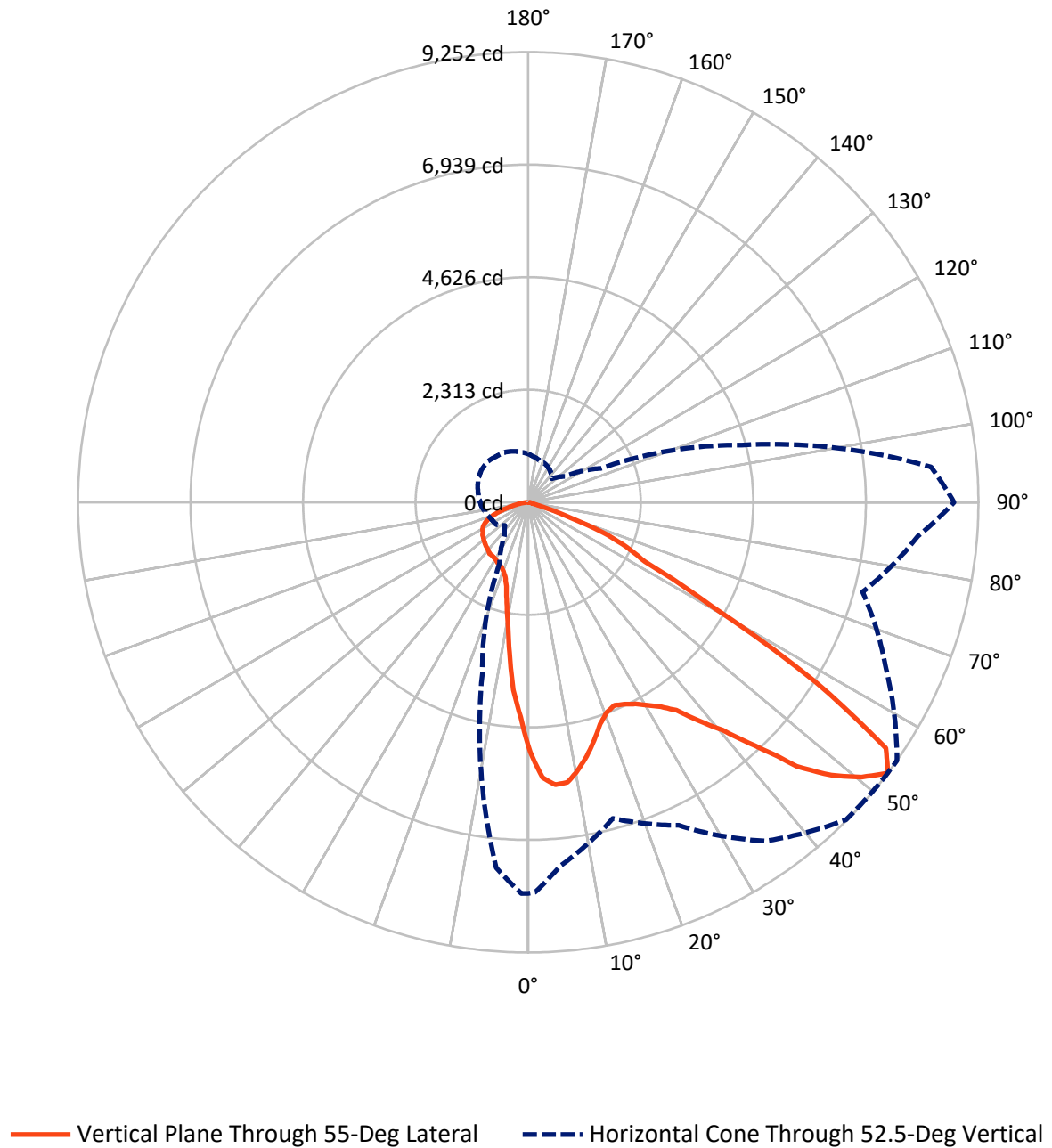


Based on 25 foot mounting height. Maximum calculated value = 8.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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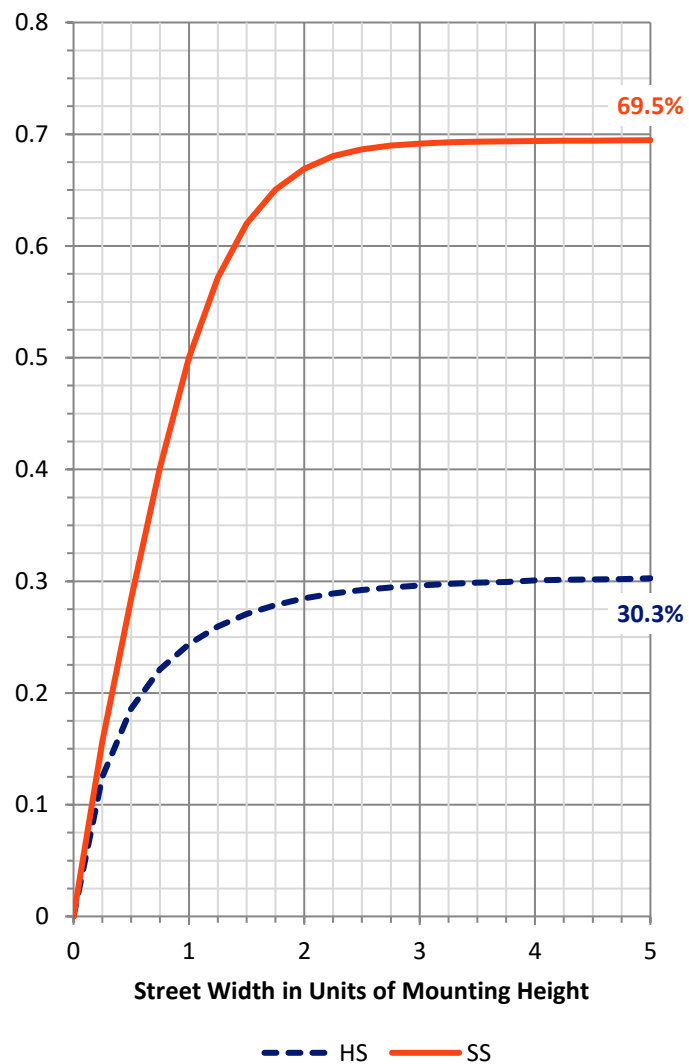
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3514.8	0.0	3514.8
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	8007.2	0.0	8007.2
	% Fixture	69.5	0.0	69.5
Total	Lumens	11522.0	0.0	11522.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	392.7	3.4
10°-20°	846.6	7.3
20°-30°	1283.8	11.1
30°-40°	1854.9	16.1
40°-50°	2478.6	21.5
50°-60°	2766.7	24.0
60°-70°	1517.6	13.2
70°-80°	328.1	2.8
80°-90°	53.1	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°	11522.0	100.0
0°-180°	11522.0	100.0

Coefficient of Utilization



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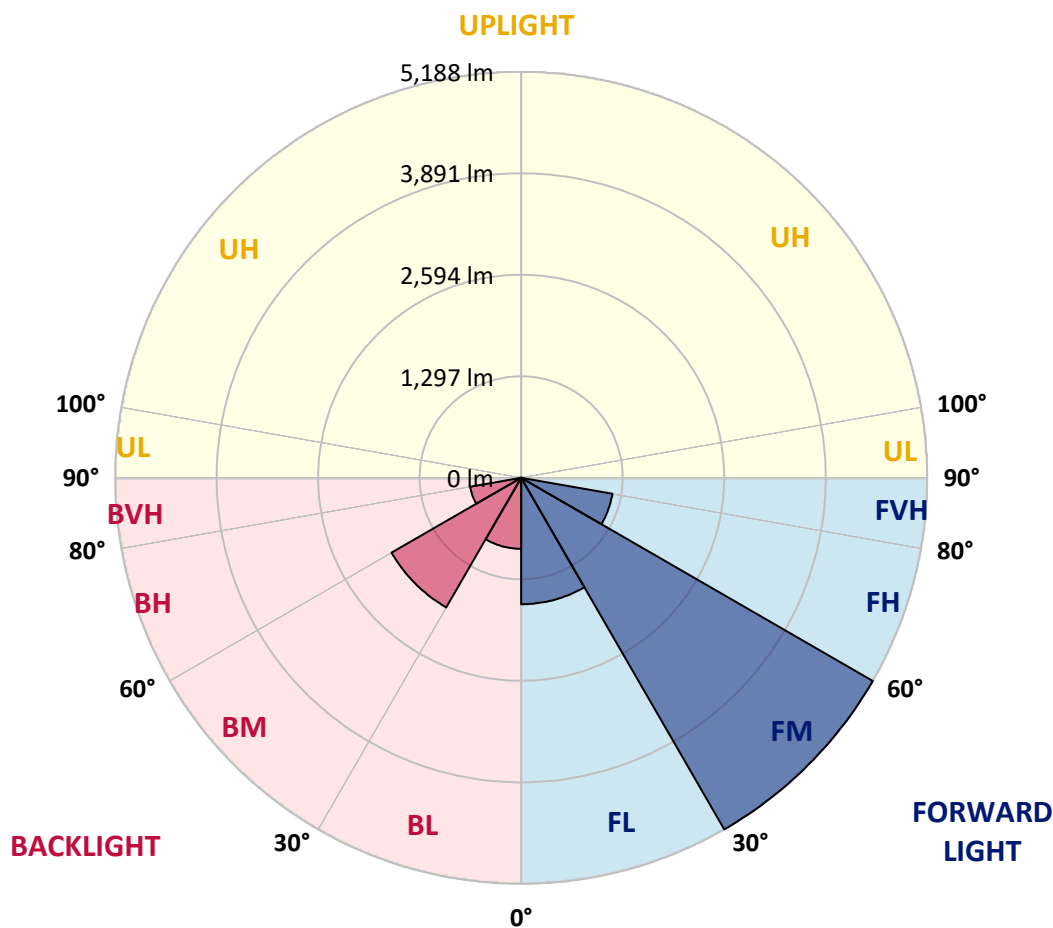
CATALOG NUMBER: GLAN-SA3B-730-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1615.6	14.0			
FM	(30°-60°)	5187.7	45.0			
FH	(60°-80°)	1184.2	10.3			G1/1800
FVH	(80°-90°)	19.7	0.2			G1/100
BL	(0°-30°)	907.5	7.9	B2/1000		
BM	(30°-60°)	1912.4	16.6	B2/2500		
BH	(60°-80°)	661.6	5.7	B2/1000		G2/1000
BVH	(80°-90°)	33.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7
2.5°	5393.7	5363.5	5390.4	5518.2	5592.3	5642.7	5674.7	5669.7	5548.5	5430.8	5430.8
5°	5235.6	5196.9	5252.4	5541.8	5832.8	5858.1	5900.1	5831.2	5652.8	5437.5	5168.3
7.5°	4778.0	4806.6	4899.1	5279.3	5657.9	5848.0	5898.5	5811.0	5521.6	5119.5	4724.2
10°	4382.6	4449.9	4663.6	5074.1	5422.3	5669.7	5725.2	5602.4	5373.6	4880.6	4527.3
12.5°	4246.4	4204.3	4441.5	4852.0	5185.1	5318.0	5343.3	5351.7	5196.9	4759.5	4328.8
15°	4229.5	4256.4	4441.5	4752.8	4958.0	4964.7	5006.8	5072.4	5092.6	4841.9	4421.3
17.5°	4471.8	4439.8	4629.9	4877.3	4779.7	4682.1	4692.2	4786.4	4953.0	4912.6	4712.4
20°	4830.1	4902.5	5052.2	5027.0	4764.5	4517.2	4518.9	4608.1	4936.1	5205.3	5117.8
22.5°	5425.7	5496.4	5607.4	5302.9	4764.5	4468.4	4411.2	4532.4	5043.8	5553.6	5575.4
25°	5969.1	6098.7	6128.9	5770.6	5003.4	4513.9	4476.8	4596.3	5151.5	5893.4	6100.3
27.5°	6463.7	6510.9	6643.8	6071.7	5136.3	4544.1	4540.8	4693.9	5287.8	6063.3	6569.7
30°	6854.1	6849.0	6924.7	6261.9	5348.3	4714.1	4550.9	4840.2	5466.1	6344.3	7003.8
32.5°	7119.9	7177.1	7336.9	6526.0	5437.5	4875.6	4747.7	5011.8	5683.1	6477.2	7310.0
35°	7587.6	7686.8	7485.0	6672.4	5720.1	5035.4	4885.7	5245.7	5790.8	6621.9	7685.2
37.5°	8028.4	7952.7	7747.4	6751.4	5903.5	5331.5	5191.9	5698.3	6125.6	6936.5	7934.2
40°	8311.0	8309.3	7944.2	6815.4	6033.1	5784.1	5775.6	6157.5	6536.1	7135.0	8213.4
42.5°	8433.8	8551.6	8025.0	6808.6	6305.6	6332.5	6502.4	6844.0	6827.1	7175.4	8206.7
44°	8602.1	8672.7	8164.6	6823.8	6487.3	6702.6	7103.1	7320.1	7081.2	7153.5	8198.3
45°	8595.3	8600.4	7966.1	6844.0	6642.1	7012.2	7370.6	7737.3	7304.9	7106.4	8309.3
47.5°	8398.5	8341.3	7797.9	6694.2	7124.9	7829.8	8161.3	8383.4	7580.9	7005.5	8171.4
50°	8009.9	7944.2	7389.1	6630.3	7225.9	8337.9	8795.5	8876.3	7831.5	6906.2	8035.1
52.5°	8036.8	8018.3	7505.1	6726.2	7326.8	8497.8	9231.3	9251.5	8115.9	7114.8	8036.8
55°	8517.9	8454.0	7838.3	6845.6	7252.8	8311.0	8953.7	8918.4	8020.0	6988.7	8184.8
57.5°	7794.5	7836.6	7377.3	6372.9	6347.7	6756.5	7039.1	6951.6	6692.5	6307.3	7614.5
60°	6288.8	6408.2	6452.0	5329.8	4789.8	4579.5	4495.3	4340.6	4384.3	5181.8	6689.2
62.5°	5393.7	5387.0	5661.2	4831.8	3137.7	2698.6	2658.2	2693.5	3198.2	5101.0	6551.2
65°	4276.6	4391.0	4475.2	4094.9	2483.2	2003.7	2002.0	2225.8	2767.5	4263.2	5289.4
67.5°	2715.4	2865.1	2969.4	2619.5	1660.5	1426.7	1388.0	1657.2	1917.9	2796.1	3184.8
70°	1531.0	1601.6	1648.7	1510.8	1056.5	740.3	696.5	760.4	1159.2	1810.3	1887.6
72.5°	590.5	622.5	686.4	691.5	398.7	238.9	193.5	232.2	487.9	716.7	683.1
75°	90.8	97.6	138.0	164.9	114.4	87.5	92.5	95.9	136.3	185.1	154.8
77.5°	43.7	43.7	42.1	48.8	57.2	62.2	67.3	74.0	80.8	89.2	85.8
80°	28.6	28.6	28.6	33.6	42.1	50.5	57.2	60.6	63.9	70.7	67.3
82.5°	18.5	18.5	18.5	25.2	33.6	42.1	45.4	53.8	60.6	70.7	65.6
85°	10.1	10.1	10.1	16.8	25.2	35.3	33.6	26.9	15.1	1.7	3.4
87.5°	3.4	3.4	3.4	3.4	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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CATALOG NUMBER: GLAN-SA3B-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7
2.5°	5289.4	5212.0	5205.3	5047.2	4905.9	4836.9	4781.4	4626.6	4660.2	4571.1	4569.4
5°	5033.7	4875.6	4619.8	4409.5	4199.2	4157.2	3973.8	3814.0	3819.0	3704.6	3724.8
7.5°	4574.4	4465.1	4153.8	3824.1	3544.8	3346.3	3173.0	3068.7	2935.8	2890.3	2866.8
10°	4283.4	4148.8	3798.8	3385.0	3072.0	2966.1	2799.5	2707.0	2570.7	2503.4	2456.3
12.5°	4155.5	3958.7	3521.2	3100.6	2892.0	2782.7	2641.4	2473.1	2311.6	2249.4	2163.6
15°	4169.0	3933.4	3440.5	2986.2	2735.6	2523.6	2397.4	2210.7	2045.8	1936.4	1874.2
17.5°	4372.5	4086.5	3477.5	2898.8	2538.7	2272.9	2025.6	1823.7	1692.5	1610.0	1589.9
20°	4853.7	4465.1	3539.7	2757.4	2341.9	2010.5	1705.9	1495.6	1394.7	1393.0	1394.7
22.5°	5254.1	4868.8	3665.9	2673.3	2145.0	1674.0	1371.1	1303.9	1283.7	1325.7	1330.8
25°	5794.2	5323.1	3883.0	2629.6	1963.3	1426.7	1239.9	1214.7	1213.0	1266.8	1268.5
27.5°	6347.7	5720.1	4012.5	2501.7	1778.3	1298.8	1160.8	1155.8	1182.7	1239.9	1234.9
30°	6724.5	6053.2	4246.4	2348.6	1559.6	1186.1	1128.9	1135.6	1172.6	1216.4	1223.1
32.5°	7163.6	6381.3	4306.9	2264.5	1425.0	1091.9	1051.5	1066.6	1113.7	1182.7	1219.7
35°	7666.7	6613.5	4399.5	2150.1	1374.5	1019.5	999.3	1016.2	1073.4	1118.8	1159.2
37.5°	8038.5	7024.0	4416.3	2060.9	1319.0	979.2	947.2	1002.7	1036.4	1100.3	1120.5
40°	8314.4	7321.8	4460.0	2005.4	1275.3	927.0	927.0	964.0	1009.4	1068.3	1108.7
42.5°	8491.0	7538.8	4492.0	1954.9	1191.1	911.9	903.4	940.5	1001.0	1058.2	1076.7
44°	8598.7	7631.3	4460.0	1907.8	1167.6	893.3	893.3	925.3	972.4	1039.7	1061.6
45°	8625.6	7747.4	4389.4	1906.1	1139.0	871.5	868.1	928.7	960.6	1043.1	1056.5
47.5°	8729.9	7890.4	4397.8	1852.3	1070.0	819.3	878.2	905.1	933.7	1006.1	1051.5
50°	8726.6	7979.6	4379.3	1773.2	1019.5	760.4	858.0	888.3	916.9	990.9	1009.4
52.5°	8750.1	8312.7	4549.2	1647.1	928.7	684.7	790.7	858.0	893.3	955.6	994.3
55°	8738.3	8502.8	4717.4	1552.8	800.8	639.3	733.5	812.6	863.1	928.7	947.2
57.5°	7981.3	7515.2	4365.8	1376.2	662.9	585.5	652.8	765.5	829.4	896.7	920.3
60°	6520.9	5792.5	3600.3	1012.8	545.1	538.4	607.3	750.3	777.3	836.1	876.5
62.5°	6026.3	5080.8	2855.0	773.9	466.0	492.9	560.2	678.0	720.1	792.4	829.4
65°	4715.7	3374.9	1768.2	523.2	410.5	442.5	506.4	593.9	662.9	730.2	773.9
67.5°	2792.8	1843.9	874.8	366.8	358.3	392.0	457.6	523.2	602.3	676.3	698.2
70°	1520.9	906.8	373.5	279.3	304.5	334.8	398.7	444.2	519.9	577.1	614.1
72.5°	487.9	275.9	186.7	206.9	232.2	267.5	306.2	361.7	415.6	449.2	479.5
75°	117.8	116.1	132.9	144.7	168.2	195.2	227.1	255.7	297.8	329.7	356.7
77.5°	82.4	89.2	102.6	119.4	127.9	138.0	158.1	180.0	198.5	222.1	238.9
80°	63.9	69.0	79.1	87.5	95.9	104.3	114.4	122.8	134.6	149.7	158.1
82.5°	60.6	63.9	74.0	79.1	75.7	74.0	80.8	84.1	85.8	90.8	95.9
85°	5.0	0.0	3.4	11.8	28.6	42.1	45.4	45.4	43.7	47.1	47.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	6.7	5.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7
2.5°	4549.2	4492.0	4513.9	4540.8	4502.1	4412.9	4436.5	4426.4	4517.2	4510.5	4601.3
5°	3814.0	3724.8	3734.9	3866.1	3824.1	3869.5	3778.6	3766.9	3783.7	3792.1	3807.2
7.5°	2918.9	2907.2	3008.1	3119.2	3171.3	3117.5	3028.3	3008.1	2989.6	2952.6	3036.7
10°	2382.3	2385.6	2378.9	2463.0	2521.9	2510.1	2456.3	2449.6	2414.2	2400.8	2447.9
12.5°	2126.5	2081.1	2059.2	2032.3	2077.8	2108.0	2084.5	2067.7	2069.3	2086.2	2092.9
15°	1879.2	1850.6	1803.5	1773.2	1795.1	1780.0	1771.6	1805.2	1796.8	1793.4	1833.8
17.5°	1601.6	1625.2	1621.8	1588.2	1616.8	1605.0	1603.3	1579.8	1547.8	1524.2	1537.7
20°	1418.3	1462.0	1495.6	1497.3	1512.5	1510.8	1485.6	1413.2	1389.7	1384.6	1388.0
22.5°	1352.6	1376.2	1416.6	1473.8	1473.8	1446.9	1416.6	1332.5	1310.6	1287.0	1276.9
25°	1300.5	1345.9	1398.1	1404.8	1431.7	1406.5	1357.7	1315.6	1270.2	1238.2	1238.2
27.5°	1273.6	1324.0	1362.7	1374.5	1411.5	1391.3	1340.9	1287.0	1233.2	1231.5	1202.9
30°	1261.8	1308.9	1334.1	1362.7	1379.6	1347.6	1332.5	1275.3	1221.4	1208.0	1160.8
32.5°	1226.5	1293.8	1340.9	1334.1	1347.6	1334.1	1312.3	1265.2	1204.6	1174.3	1169.3
35°	1186.1	1253.4	1303.9	1339.2	1347.6	1319.0	1305.5	1241.6	1159.2	1144.0	1091.9
37.5°	1164.2	1204.6	1266.8	1324.0	1335.8	1320.7	1275.3	1209.6	1127.2	1110.4	1065.0
40°	1137.3	1189.5	1238.2	1285.3	1320.7	1283.7	1231.5	1167.6	1130.6	1080.1	1066.6
42.5°	1117.1	1176.0	1216.4	1268.5	1308.9	1260.1	1199.5	1155.8	1103.6	1070.0	1031.3
44°	1110.4	1164.2	1191.1	1255.1	1288.7	1251.7	1201.2	1155.8	1095.2	1065.0	1031.3
45°	1086.8	1160.8	1189.5	1246.7	1275.3	1245.0	1181.0	1135.6	1091.9	1054.9	1019.5
47.5°	1063.3	1113.7	1162.5	1208.0	1228.1	1218.1	1164.2	1108.7	1056.5	1034.7	1001.0
50°	1056.5	1107.0	1152.4	1194.5	1218.1	1197.9	1149.1	1095.2	1034.7	999.3	970.7
52.5°	1022.9	1085.1	1135.6	1149.1	1179.4	1167.6	1130.6	1071.7	1014.5	984.2	960.6
55°	974.1	1039.7	1108.7	1125.5	1169.3	1150.8	1095.2	1039.7	990.9	945.5	915.2
57.5°	955.6	1019.5	1086.8	1108.7	1135.6	1105.3	1091.9	1033.0	955.6	932.0	884.9
60°	908.5	989.2	1044.8	1095.2	1096.9	1088.5	1065.0	997.7	933.7	890.0	856.3
62.5°	871.5	947.2	990.9	1038.0	1066.6	1043.1	1019.5	957.3	888.3	839.5	800.8
65°	817.6	886.6	923.6	952.2	984.2	980.8	940.5	895.0	822.7	784.0	747.0
67.5°	735.2	795.8	846.2	873.2	893.3	888.3	858.0	826.1	752.0	713.3	686.4
70°	635.9	698.2	730.2	745.3	765.5	775.6	752.0	736.9	671.3	620.8	595.6
72.5°	511.4	551.8	598.9	612.4	620.8	627.5	627.5	614.1	546.8	526.6	482.8
75°	376.9	408.8	444.2	444.2	459.3	461.0	464.3	455.9	405.5	378.5	368.4
77.5°	255.7	279.3	307.9	319.7	329.7	328.1	326.4	302.8	275.9	264.1	254.0
80°	166.6	190.1	203.6	218.7	228.8	227.1	230.5	213.7	201.9	181.7	185.1
82.5°	99.3	117.8	131.2	149.7	149.7	154.8	154.8	149.7	138.0	127.9	127.9
85°	47.1	62.2	70.7	82.4	89.2	90.8	80.8	69.0	57.2	52.2	57.2
87.5°	8.4	11.8	16.8	15.1	18.5	16.8	16.8	16.8	16.8	13.5	15.1
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7	5139.7
2.5°	4567.7	4651.8	4710.7	4808.3	4976.5	5111.1	5249.1	5351.7	5363.5	5393.7
5°	3862.8	3908.2	4057.9	4253.1	4391.0	4618.2	4764.5	5030.3	5129.6	5235.6
7.5°	3016.5	3090.6	3290.8	3422.0	3724.8	4009.1	4303.6	4631.6	4762.8	4778.0
10°	2543.8	2651.4	2787.7	2998.0	3162.9	3479.2	3845.9	4211.0	4357.4	4382.6
12.5°	2234.2	2372.2	2553.9	2705.3	2863.4	3139.3	3491.0	3941.8	4132.0	4246.4
15°	1936.4	2079.4	2279.6	2489.9	2629.6	2959.3	3373.2	3881.3	4128.6	4229.5
17.5°	1630.2	1763.1	1928.0	2155.1	2436.1	2806.2	3354.7	4083.2	4354.0	4471.8
20°	1367.8	1441.8	1633.6	1867.5	2219.1	2649.8	3361.4	4380.9	4778.0	4830.1
22.5°	1265.2	1282.0	1357.7	1573.0	1958.3	2489.9	3480.9	4803.2	5254.1	5425.7
25°	1186.1	1182.7	1202.9	1347.6	1768.2	2427.7	3598.6	5191.9	5782.4	5969.1
27.5°	1142.3	1108.7	1110.4	1246.7	1633.6	2326.7	3750.0	5637.7	6381.3	6463.7
30°	1120.5	1113.7	1093.6	1149.1	1487.2	2175.3	3775.3	6076.8	6734.6	6854.1
32.5°	1107.0	1041.4	1016.2	1036.4	1349.3	2010.5	3869.5	6366.2	7172.0	7119.9
35°	1039.7	980.8	964.0	984.2	1251.7	1917.9	3807.2	6618.5	7500.1	7587.6
37.5°	1014.5	962.3	928.7	911.9	1160.8	1840.5	3775.3	7007.2	7818.1	8028.4
40°	990.9	935.4	895.0	878.2	1090.2	1737.9	3765.2	7306.6	8184.8	8311.0
42.5°	964.0	928.7	883.3	853.0	1004.4	1635.3	3649.1	7399.2	8297.6	8433.8
44°	955.6	901.8	854.7	844.6	970.7	1583.1	3625.6	7483.3	8395.1	8602.1
45°	947.2	896.7	842.9	829.4	959.0	1554.5	3593.6	7503.5	8556.6	8595.3
47.5°	923.6	891.7	839.5	802.5	933.7	1492.3	3497.7	7389.1	8391.8	8398.5
50°	905.1	868.1	814.3	741.9	900.1	1440.1	3541.4	7347.0	7994.7	8009.9
52.5°	884.9	829.4	799.1	674.6	844.6	1396.4	3634.0	7537.1	8040.1	8036.8
55°	861.4	800.8	726.8	617.4	752.0	1340.9	3857.7	7912.3	8460.7	8517.9
57.5°	824.4	772.2	666.2	567.0	646.0	1234.9	3785.4	7193.9	7784.4	7794.5
60°	775.6	726.8	604.0	528.3	530.0	974.1	3385.0	5605.7	6142.4	6288.8
62.5°	728.5	701.6	551.8	472.8	450.9	775.6	2861.7	4658.5	5272.6	5393.7
65°	673.0	607.3	506.4	430.7	386.9	543.4	2027.3	3480.9	4113.4	4276.6
67.5°	602.3	531.6	445.8	378.5	331.4	363.4	1046.4	1978.5	2619.5	2715.4
70°	526.6	461.0	375.2	319.7	267.5	250.7	461.0	943.8	1431.7	1531.0
72.5°	432.4	371.8	299.5	252.4	200.2	173.3	154.8	252.4	508.1	590.5
75°	312.9	270.9	225.4	180.0	141.3	111.0	90.8	75.7	84.1	90.8
77.5°	230.5	196.8	166.6	127.9	99.3	79.1	62.2	47.1	45.4	43.7
80°	180.0	159.8	132.9	102.6	77.4	58.9	43.7	32.0	28.6	28.6
82.5°	141.3	131.2	109.4	84.1	63.9	47.1	32.0	21.9	18.5	18.5
85°	53.8	53.8	79.1	69.0	48.8	33.6	21.9	11.8	10.1	10.1
87.5°	13.5	13.5	13.5	13.5	11.8	10.1	10.1	5.0	3.4	3.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)