

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: P450957

Luminaire Tested: **GLAN-SA1D-740-U-SLL**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P450957
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1D-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6747 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

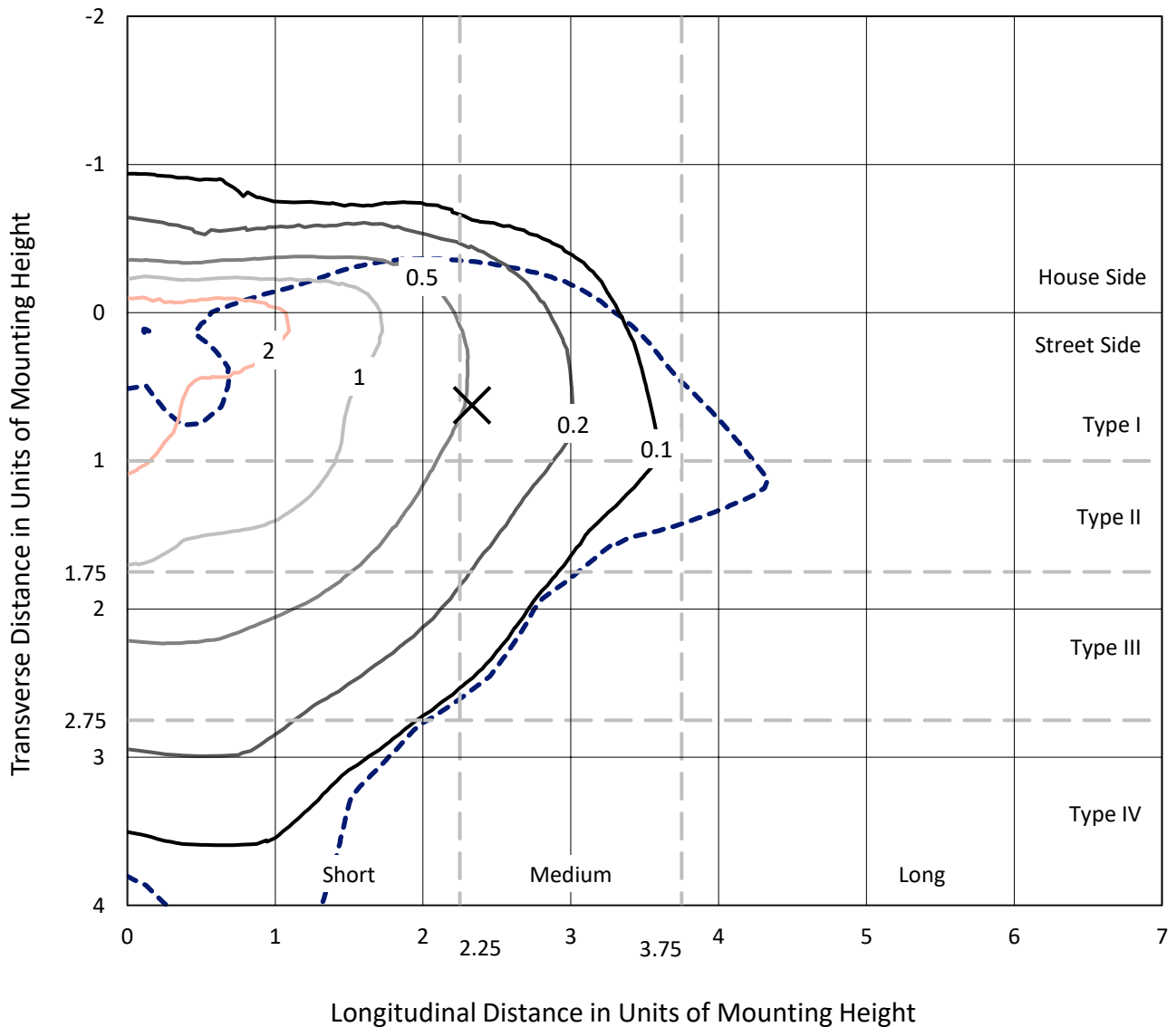
Input Watts (W): 65
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P450957
 CATALOG NUMBER: GLAN-SA1D-740-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

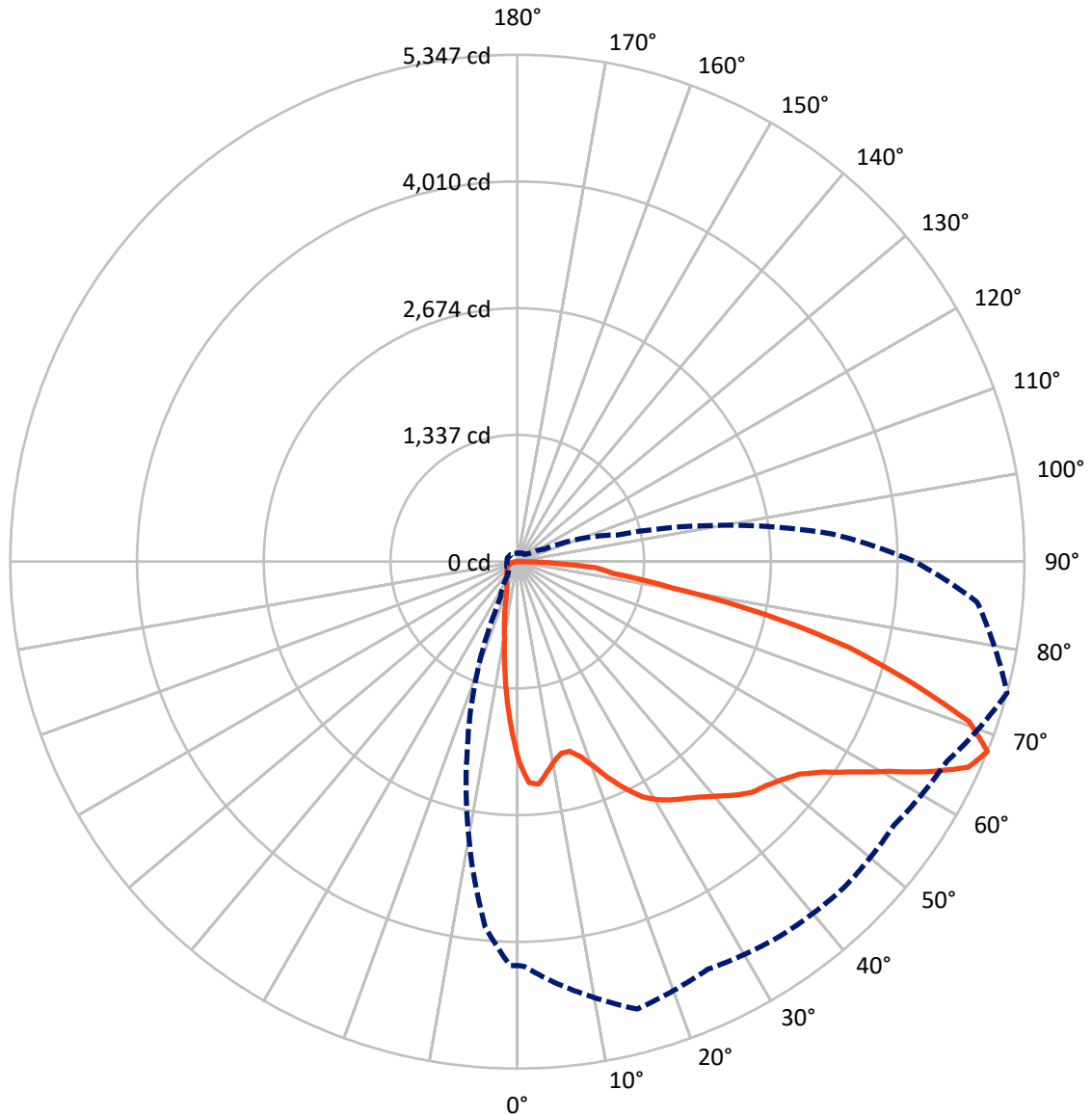
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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CATALOG NUMBER: GLAN-SA1D-740-U-SLL

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1140.4 | 0.0 | 1140.4 |
| | % Fixture | 16.9 | 0.0 | 16.9 |
| Street Side | Lumens | 5606.6 | 0.0 | 5606.6 |
| | % Fixture | 83.1 | 0.0 | 83.1 |
| Total | Lumens | 6747.0 | 0.0 | 6747.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 159.9 | 2.4 |
| 10°-20° | 333.4 | 4.9 |
| 20°-30° | 479.8 | 7.1 |
| 30°-40° | 691.1 | 10.2 |
| 40°-50° | 970.8 | 14.4 |
| 50°-60° | 1353.9 | 20.1 |
| 60°-70° | 1609.7 | 23.9 |
| 70°-80° | 948.0 | 14.1 |
| 80°-90° | 200.5 | 3.0 |
| 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° | 6747.0 | 100.0 |
| 0°-180° | 6747.0 | 100.0 |

Coefficient of Utilization



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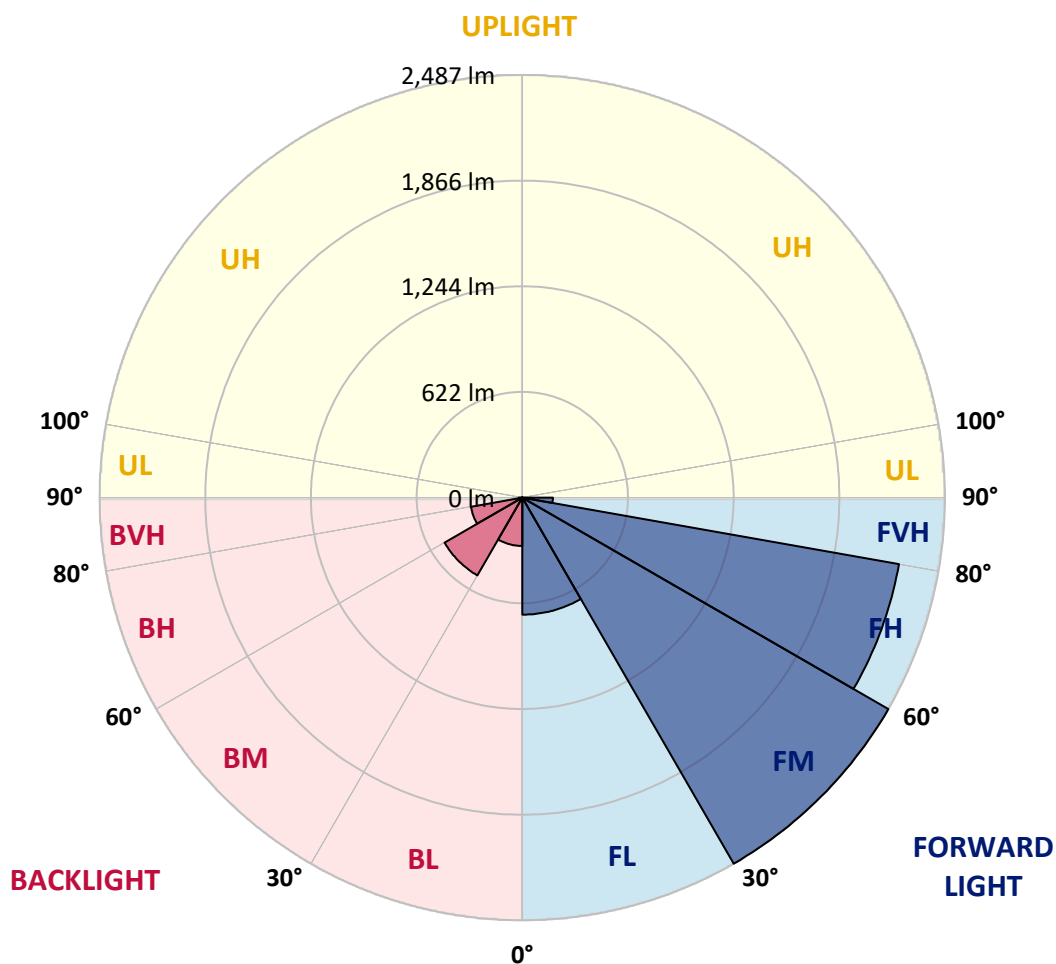
CATALOG NUMBER: GLAN-SA1D-740-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 688.7 | 10.2 | | | |
| FM | (30°-60°) | 2487.4 | 36.9 | | | |
| FH | (60°-80°) | 2250.8 | 33.4 | | | G2/5000 |
| FVH | (80°-90°) | 179.7 | 2.7 | | | G2/225 |
| BL | (0°-30°) | 284.4 | 4.2 | B1/500 | | |
| BM | (30°-60°) | 528.3 | 7.8 | B1/1000 | | |
| BH | (60°-80°) | 306.9 | 4.5 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 20.7 | 0.3 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type III Medium





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 CATALOG NUMBER: GLAN-SA1D-740-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 |
| 2.5° | 2272.8 | 2275.8 | 2295.3 | 2351.9 | 2390.9 | 2405.2 | 2415.1 | 2396.5 | 2378.3 | 2334.2 | 2267.6 |
| 5° | 2265.8 | 2283.6 | 2334.2 | 2461.4 | 2561.8 | 2605.0 | 2618.0 | 2562.2 | 2470.1 | 2356.7 | 2220.4 |
| 7.5° | 2133.4 | 2157.2 | 2235.1 | 2448.4 | 2625.4 | 2726.6 | 2713.2 | 2612.4 | 2446.3 | 2244.2 | 2053.8 |
| 10° | 1976.4 | 2002.8 | 2096.7 | 2354.5 | 2582.6 | 2721.9 | 2721.9 | 2599.0 | 2378.3 | 2138.2 | 1918.8 |
| 12.5° | 1851.8 | 1879.5 | 1986.8 | 2258.1 | 2493.4 | 2625.4 | 2647.5 | 2541.9 | 2329.4 | 2071.1 | 1830.2 |
| 15° | 1810.7 | 1837.5 | 1953.0 | 2199.6 | 2399.1 | 2479.6 | 2486.9 | 2452.3 | 2305.6 | 2075.9 | 1826.3 |
| 17.5° | 1861.7 | 1896.4 | 2013.2 | 2217.0 | 2312.6 | 2317.3 | 2323.0 | 2350.2 | 2308.2 | 2162.9 | 1905.0 |
| 20° | 2009.3 | 2046.5 | 2168.5 | 2272.8 | 2236.9 | 2187.5 | 2190.6 | 2260.7 | 2339.0 | 2306.5 | 2093.2 |
| 22.5° | 2222.1 | 2254.6 | 2379.6 | 2371.0 | 2204.8 | 2103.2 | 2082.0 | 2179.7 | 2384.4 | 2485.6 | 2293.5 |
| 25° | 2451.9 | 2490.0 | 2633.6 | 2516.8 | 2213.9 | 2053.0 | 2039.6 | 2132.2 | 2431.6 | 2653.1 | 2525.0 |
| 27.5° | 2714.9 | 2752.2 | 2865.5 | 2663.9 | 2261.5 | 2049.1 | 2033.1 | 2127.8 | 2474.0 | 2808.0 | 2746.1 |
| 30° | 2910.5 | 2944.7 | 3021.7 | 2787.6 | 2319.9 | 2075.0 | 2055.1 | 2162.0 | 2510.3 | 2914.0 | 2961.6 |
| 32.5° | 3064.1 | 3099.6 | 3141.5 | 2864.6 | 2396.9 | 2122.2 | 2085.4 | 2224.3 | 2557.9 | 2994.9 | 3121.2 |
| 35° | 3224.2 | 3266.2 | 3263.1 | 2933.0 | 2468.8 | 2176.7 | 2140.8 | 2314.3 | 2632.7 | 3065.4 | 3323.7 |
| 37.5° | 3427.1 | 3444.0 | 3422.3 | 2994.4 | 2554.9 | 2274.9 | 2255.0 | 2448.0 | 2739.2 | 3150.6 | 3560.4 |
| 40° | 3633.1 | 3666.8 | 3555.6 | 3068.9 | 2659.6 | 2459.7 | 2457.5 | 2645.7 | 2865.5 | 3250.6 | 3789.7 |
| 42.5° | 3809.6 | 3838.1 | 3680.2 | 3133.8 | 2786.3 | 2685.1 | 2701.5 | 2910.9 | 3031.2 | 3366.5 | 3974.0 |
| 45° | 3942.4 | 3967.9 | 3795.3 | 3196.5 | 2953.3 | 2945.6 | 3042.5 | 3195.2 | 3240.2 | 3470.8 | 4082.2 |
| 47.5° | 4055.3 | 4080.0 | 3875.3 | 3291.7 | 3159.7 | 3256.6 | 3425.4 | 3491.6 | 3418.9 | 3530.5 | 4203.3 |
| 50° | 4150.5 | 4157.9 | 3930.3 | 3405.0 | 3415.9 | 3637.8 | 3801.4 | 3844.2 | 3595.4 | 3616.2 | 4308.4 |
| 52.5° | 4249.6 | 4240.1 | 4025.0 | 3547.8 | 3692.8 | 3999.5 | 4118.5 | 4163.1 | 3764.6 | 3721.7 | 4461.6 |
| 55° | 4471.5 | 4480.6 | 4237.5 | 3727.8 | 3972.7 | 4354.7 | 4511.4 | 4468.5 | 3951.9 | 3916.0 | 4656.3 |
| 57.5° | 4739.8 | 4732.0 | 4536.4 | 4009.5 | 4257.8 | 4685.3 | 4802.1 | 4733.3 | 4202.0 | 4183.0 | 4853.6 |
| 60° | 4844.1 | 4854.5 | 4786.5 | 4312.3 | 4539.0 | 4974.7 | 5094.1 | 4987.3 | 4501.8 | 4493.2 | 5002.4 |
| 62.5° | 4739.4 | 4797.8 | 4843.6 | 4581.9 | 4778.7 | 5187.6 | 5306.1 | 5184.1 | 4814.6 | 4877.4 | 5106.7 |
| 65° | 4530.8 | 4543.4 | 4699.6 | 4810.3 | 4894.3 | 5222.6 | 5284.5 | 5219.6 | 5076.0 | 5227.4 | 5101.9 |
| 67.5° | 4260.0 | 4270.8 | 4453.8 | 4885.2 | 4745.4 | 4824.6 | 4867.9 | 4848.8 | 4995.1 | 5347.3 | 4867.0 |
| 70° | 4002.1 | 3993.5 | 4186.9 | 4694.4 | 4131.0 | 4010.8 | 4046.7 | 3987.0 | 4310.2 | 5054.3 | 4406.2 |
| 72.5° | 3500.2 | 3531.4 | 3739.1 | 4163.9 | 3270.9 | 3075.4 | 3153.7 | 2999.2 | 3315.0 | 4328.8 | 3576.4 |
| 75° | 2741.8 | 2749.1 | 3095.7 | 3494.6 | 2467.5 | 2159.0 | 2265.0 | 2200.5 | 2539.3 | 3611.0 | 2469.6 |
| 77.5° | 1898.5 | 1882.1 | 2254.6 | 2669.1 | 1759.6 | 1580.5 | 1582.2 | 1551.5 | 1773.0 | 2658.7 | 1677.9 |
| 80° | 1205.8 | 1180.7 | 1411.3 | 1648.9 | 1209.3 | 1293.7 | 1251.3 | 1250.0 | 1154.3 | 1640.2 | 1014.6 |
| 82.5° | 651.6 | 679.3 | 891.7 | 1033.6 | 867.5 | 999.9 | 916.4 | 889.6 | 792.2 | 1026.7 | 649.0 |
| 85° | 296.8 | 322.8 | 475.5 | 703.1 | 658.9 | 666.3 | 445.2 | 525.2 | 655.5 | 833.7 | 346.6 |
| 87.5° | 29.0 | 37.2 | 98.2 | 331.9 | 225.0 | 177.4 | 66.2 | 127.6 | 164.8 | 296.4 | 27.7 |
| 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-SA1D-740-U-SLL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 |
| 2.5° | 2240.3 | 2217.8 | 2141.2 | 2078.1 | 2011.0 | 1960.0 | 1893.3 | 1848.8 | 1818.0 | 1771.7 | 1766.1 |
| 5° | 2137.3 | 2082.4 | 1949.1 | 1813.3 | 1696.0 | 1607.8 | 1518.2 | 1436.0 | 1387.5 | 1372.4 | 1352.9 |
| 7.5° | 1963.8 | 1871.3 | 1699.9 | 1544.2 | 1409.6 | 1278.1 | 1176.8 | 1105.0 | 1057.0 | 1028.9 | 995.1 |
| 10° | 1821.1 | 1713.8 | 1505.2 | 1314.4 | 1203.7 | 1121.9 | 1032.8 | 955.7 | 896.5 | 845.9 | 818.2 |
| 12.5° | 1725.0 | 1603.9 | 1369.4 | 1214.5 | 1128.8 | 1041.8 | 937.6 | 851.0 | 763.6 | 706.1 | 681.4 |
| 15° | 1696.0 | 1568.0 | 1327.4 | 1164.7 | 1041.8 | 928.1 | 811.2 | 698.3 | 611.8 | 557.3 | 539.1 |
| 17.5° | 1767.0 | 1612.1 | 1327.0 | 1098.5 | 939.7 | 803.9 | 654.2 | 548.2 | 459.5 | 418.8 | 405.8 |
| 20° | 1899.4 | 1696.9 | 1330.9 | 1033.2 | 829.0 | 637.7 | 475.9 | 389.0 | 346.6 | 329.3 | 322.8 |
| 22.5° | 2084.1 | 1826.3 | 1342.5 | 968.7 | 707.8 | 489.8 | 356.5 | 312.4 | 297.2 | 294.2 | 292.9 |
| 25° | 2311.7 | 1986.3 | 1381.9 | 910.8 | 605.7 | 373.8 | 298.1 | 278.2 | 269.5 | 266.5 | 266.1 |
| 27.5° | 2521.1 | 2193.2 | 1429.5 | 861.0 | 507.1 | 322.3 | 269.5 | 252.7 | 244.0 | 243.6 | 244.5 |
| 30° | 2710.2 | 2366.2 | 1469.3 | 805.2 | 432.2 | 286.4 | 250.9 | 234.1 | 225.8 | 225.4 | 228.0 |
| 32.5° | 2873.7 | 2508.6 | 1498.7 | 750.2 | 390.7 | 264.4 | 234.1 | 215.9 | 209.0 | 207.7 | 209.0 |
| 35° | 3048.5 | 2650.5 | 1485.3 | 707.4 | 366.9 | 246.2 | 221.5 | 203.8 | 195.6 | 191.7 | 191.7 |
| 37.5° | 3248.0 | 2796.7 | 1462.4 | 671.9 | 356.1 | 231.0 | 210.7 | 193.4 | 185.2 | 181.3 | 180.9 |
| 40° | 3465.6 | 2943.0 | 1430.8 | 640.3 | 345.3 | 222.0 | 203.4 | 185.2 | 175.2 | 171.3 | 170.5 |
| 42.5° | 3657.7 | 3068.0 | 1404.8 | 619.6 | 327.5 | 223.7 | 196.9 | 179.1 | 166.6 | 161.4 | 160.9 |
| 45° | 3824.7 | 3193.9 | 1400.1 | 607.5 | 312.8 | 221.1 | 195.1 | 174.4 | 159.7 | 154.0 | 153.2 |
| 47.5° | 3955.4 | 3325.0 | 1427.3 | 600.5 | 296.8 | 207.2 | 206.4 | 171.3 | 153.6 | 147.5 | 146.7 |
| 50° | 4114.6 | 3511.0 | 1489.7 | 586.3 | 282.1 | 194.3 | 218.1 | 170.9 | 148.8 | 141.0 | 138.9 |
| 52.5° | 4326.6 | 3753.3 | 1574.0 | 560.7 | 260.9 | 182.2 | 208.1 | 170.9 | 143.2 | 135.4 | 132.8 |
| 55° | 4647.2 | 4062.3 | 1656.7 | 524.8 | 231.0 | 166.1 | 187.8 | 165.7 | 135.0 | 128.1 | 126.3 |
| 57.5° | 4859.6 | 4288.1 | 1709.4 | 475.1 | 193.8 | 154.5 | 161.8 | 157.5 | 126.8 | 119.4 | 119.4 |
| 60° | 4870.5 | 4348.7 | 1684.3 | 412.3 | 170.5 | 143.6 | 140.6 | 158.8 | 119.4 | 111.6 | 110.8 |
| 62.5° | 4745.9 | 4200.3 | 1553.7 | 356.1 | 157.9 | 132.0 | 127.2 | 139.3 | 112.1 | 104.3 | 103.0 |
| 65° | 4551.2 | 3821.7 | 1327.0 | 329.3 | 151.0 | 121.6 | 114.7 | 114.2 | 104.3 | 96.9 | 95.2 |
| 67.5° | 4193.3 | 3339.7 | 1090.3 | 313.7 | 147.5 | 109.9 | 103.4 | 101.2 | 95.2 | 89.1 | 88.3 |
| 70° | 3665.9 | 2797.2 | 874.4 | 307.2 | 145.8 | 97.8 | 92.6 | 90.0 | 84.8 | 80.0 | 79.6 |
| 72.5° | 2852.1 | 2268.9 | 721.7 | 302.9 | 144.9 | 86.5 | 80.9 | 77.4 | 74.4 | 70.1 | 70.1 |
| 75° | 2048.6 | 1669.2 | 550.8 | 273.0 | 134.1 | 74.4 | 68.4 | 66.2 | 61.9 | 58.4 | 59.3 |
| 77.5° | 1291.5 | 1124.1 | 362.6 | 200.8 | 103.8 | 59.7 | 54.5 | 53.2 | 49.8 | 45.0 | 48.0 |
| 80° | 872.2 | 790.5 | 211.6 | 126.3 | 65.3 | 43.7 | 42.0 | 41.5 | 37.6 | 32.4 | 32.9 |
| 82.5° | 593.6 | 582.4 | 109.9 | 71.8 | 37.6 | 25.5 | 24.7 | 25.5 | 21.2 | 17.3 | 17.3 |
| 85° | 231.9 | 316.7 | 51.9 | 28.1 | 12.1 | 3.9 | 5.6 | 6.1 | 3.5 | 1.7 | 2.2 |
| 87.5° | 4.3 | 32.4 | 1.3 | 0.0 | 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-SA1D-740-U-SLL

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 | 2107.9 |
| 2.5° | 1757.5 | 1753.6 | 1760.1 | 1732.4 | 1738.0 | 1748.4 | 1753.6 | 1756.6 | 1799.4 | 1789.5 | 1816.7 |
| 5° | 1371.1 | 1367.2 | 1392.3 | 1395.8 | 1408.7 | 1406.1 | 1418.7 | 1421.7 | 1437.3 | 1442.9 | 1481.0 |
| 7.5° | 997.3 | 1014.2 | 1042.7 | 1057.4 | 1079.5 | 1086.4 | 1079.9 | 1095.9 | 1063.5 | 1086.8 | 1093.8 |
| 10° | 801.3 | 781.0 | 768.8 | 802.6 | 806.9 | 838.9 | 825.9 | 815.6 | 834.6 | 835.5 | 853.6 |
| 12.5° | 667.2 | 623.5 | 594.5 | 604.0 | 614.4 | 628.2 | 630.4 | 651.2 | 665.0 | 678.0 | 688.8 |
| 15° | 523.1 | 507.9 | 481.6 | 468.6 | 483.3 | 488.9 | 502.3 | 519.6 | 534.3 | 538.2 | 552.9 |
| 17.5° | 401.5 | 404.1 | 399.8 | 392.0 | 401.1 | 405.4 | 406.3 | 406.7 | 410.6 | 408.0 | 429.6 |
| 20° | 323.2 | 332.3 | 343.1 | 344.8 | 347.9 | 350.0 | 346.1 | 331.4 | 331.9 | 340.9 | 347.9 |
| 22.5° | 292.5 | 294.2 | 306.3 | 310.2 | 319.7 | 315.8 | 304.6 | 297.7 | 296.8 | 299.0 | 302.4 |
| 25° | 268.2 | 270.8 | 279.5 | 285.6 | 292.9 | 286.0 | 277.8 | 271.3 | 270.4 | 272.6 | 276.0 |
| 27.5° | 246.6 | 250.5 | 258.3 | 264.4 | 271.3 | 264.8 | 257.0 | 251.4 | 250.9 | 250.5 | 252.7 |
| 30° | 229.3 | 233.6 | 239.3 | 246.2 | 250.9 | 245.3 | 238.0 | 234.9 | 234.5 | 233.6 | 234.5 |
| 32.5° | 212.0 | 218.9 | 224.6 | 228.0 | 232.8 | 228.4 | 222.8 | 221.1 | 218.1 | 215.5 | 214.2 |
| 35° | 192.5 | 199.9 | 208.5 | 212.9 | 217.6 | 213.3 | 209.4 | 202.1 | 196.9 | 196.4 | 197.3 |
| 37.5° | 181.3 | 184.3 | 191.2 | 198.6 | 203.4 | 201.2 | 193.8 | 186.5 | 185.2 | 185.2 | 186.0 |
| 40° | 171.3 | 172.6 | 175.7 | 185.2 | 193.8 | 187.3 | 178.3 | 176.1 | 176.1 | 175.7 | 176.1 |
| 42.5° | 161.4 | 162.7 | 162.7 | 170.0 | 183.9 | 173.5 | 166.6 | 166.6 | 166.6 | 167.0 | 168.3 |
| 45° | 152.3 | 152.7 | 152.3 | 157.5 | 170.5 | 161.8 | 157.1 | 158.4 | 159.2 | 160.1 | 160.9 |
| 47.5° | 144.5 | 144.9 | 144.5 | 148.8 | 155.3 | 151.9 | 149.3 | 151.0 | 152.7 | 154.0 | 154.9 |
| 50° | 137.6 | 137.2 | 138.0 | 140.6 | 143.6 | 144.5 | 142.8 | 145.4 | 146.2 | 148.0 | 150.1 |
| 52.5° | 131.5 | 131.1 | 132.0 | 133.3 | 137.6 | 137.6 | 137.6 | 139.7 | 141.5 | 143.2 | 146.2 |
| 55° | 124.6 | 125.0 | 126.3 | 128.1 | 133.7 | 132.8 | 133.3 | 135.0 | 136.7 | 139.3 | 141.0 |
| 57.5° | 118.1 | 119.0 | 120.7 | 123.3 | 128.9 | 128.5 | 128.9 | 129.8 | 132.0 | 133.3 | 135.0 |
| 60° | 110.8 | 112.5 | 114.7 | 116.4 | 122.0 | 121.6 | 123.7 | 125.5 | 126.8 | 126.8 | 127.6 |
| 62.5° | 103.4 | 106.0 | 108.2 | 109.5 | 115.5 | 116.0 | 119.0 | 120.3 | 121.1 | 120.3 | 121.6 |
| 65° | 96.1 | 99.9 | 100.8 | 102.5 | 108.6 | 109.0 | 112.5 | 115.5 | 114.7 | 113.8 | 116.0 |
| 67.5° | 88.7 | 93.5 | 93.0 | 95.2 | 101.2 | 102.1 | 105.1 | 110.3 | 108.6 | 107.7 | 109.5 |
| 70° | 80.5 | 83.9 | 84.4 | 85.7 | 93.9 | 92.6 | 97.3 | 102.1 | 100.8 | 101.2 | 101.2 |
| 72.5° | 71.4 | 74.4 | 74.4 | 77.0 | 85.7 | 83.5 | 87.4 | 92.6 | 92.6 | 92.2 | 92.2 |
| 75° | 60.6 | 62.3 | 64.0 | 67.9 | 77.0 | 74.4 | 77.0 | 81.8 | 82.6 | 81.8 | 81.8 |
| 77.5° | 48.9 | 51.5 | 52.4 | 57.5 | 64.0 | 63.6 | 66.2 | 68.4 | 70.1 | 69.2 | 69.2 |
| 80° | 34.6 | 37.2 | 40.7 | 46.3 | 50.2 | 51.5 | 52.8 | 54.5 | 55.4 | 55.4 | 56.2 |
| 82.5° | 19.5 | 23.4 | 26.4 | 32.0 | 33.7 | 40.2 | 39.8 | 41.1 | 39.8 | 35.0 | 38.9 |
| 85° | 4.3 | 8.2 | 11.7 | 14.7 | 16.9 | 23.4 | 24.7 | 27.7 | 22.9 | 21.2 | 21.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 | 6.9 | 9.5 | 8.2 | 6.9 | 6.9 |
| 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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| 37.5° | 192.5 | 202.5 | 222.8 | 247.5 | 378.1 | 701.8 | 1596.1 | 3018.2 | 3357.0 | 3427.1 |
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| 45° | 168.3 | 180.9 | 195.6 | 229.3 | 298.1 | 583.7 | 1587.4 | 3453.1 | 3884.9 | 3942.4 |
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| 57.5° | 143.6 | 170.5 | 184.7 | 170.9 | 253.1 | 567.2 | 1990.2 | 4428.3 | 4737.6 | 4739.8 |
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| 67.5° | 116.4 | 122.0 | 121.6 | 128.5 | 178.7 | 427.9 | 2032.2 | 3871.9 | 4262.1 | 4260.0 |
| 70° | 106.4 | 109.5 | 110.8 | 118.1 | 170.5 | 379.9 | 1693.4 | 3477.7 | 3953.7 | 4002.1 |
| 72.5° | 96.1 | 98.6 | 99.9 | 106.4 | 162.2 | 352.6 | 1314.4 | 2934.7 | 3424.5 | 3500.2 |
| 75° | 84.8 | 86.5 | 88.3 | 93.9 | 153.6 | 312.4 | 936.3 | 2240.3 | 2622.8 | 2741.8 |
| 77.5° | 73.1 | 73.1 | 75.3 | 80.9 | 129.4 | 257.9 | 628.2 | 1571.4 | 1776.9 | 1898.5 |
| 80° | 59.3 | 59.7 | 58.8 | 64.9 | 95.2 | 176.5 | 356.9 | 1049.6 | 1182.5 | 1205.8 |
| 82.5° | 45.4 | 44.1 | 44.6 | 47.6 | 71.0 | 120.3 | 190.4 | 652.0 | 664.6 | 651.6 |
| 85° | 28.6 | 28.6 | 27.7 | 31.2 | 45.4 | 62.7 | 103.8 | 399.3 | 311.9 | 296.8 |
| 87.5° | 11.7 | 9.5 | 10.8 | 12.5 | 21.6 | 25.5 | 40.7 | 82.2 | 31.6 | 29.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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