

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: P940302

Luminaire Tested: **GLAN-SB3B-760-U-SL4**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P940302
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-760-U-SL4
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 5700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL
LIGHT ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17718 lumens
Efficiency: N/A
Efficacy: 162.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G3

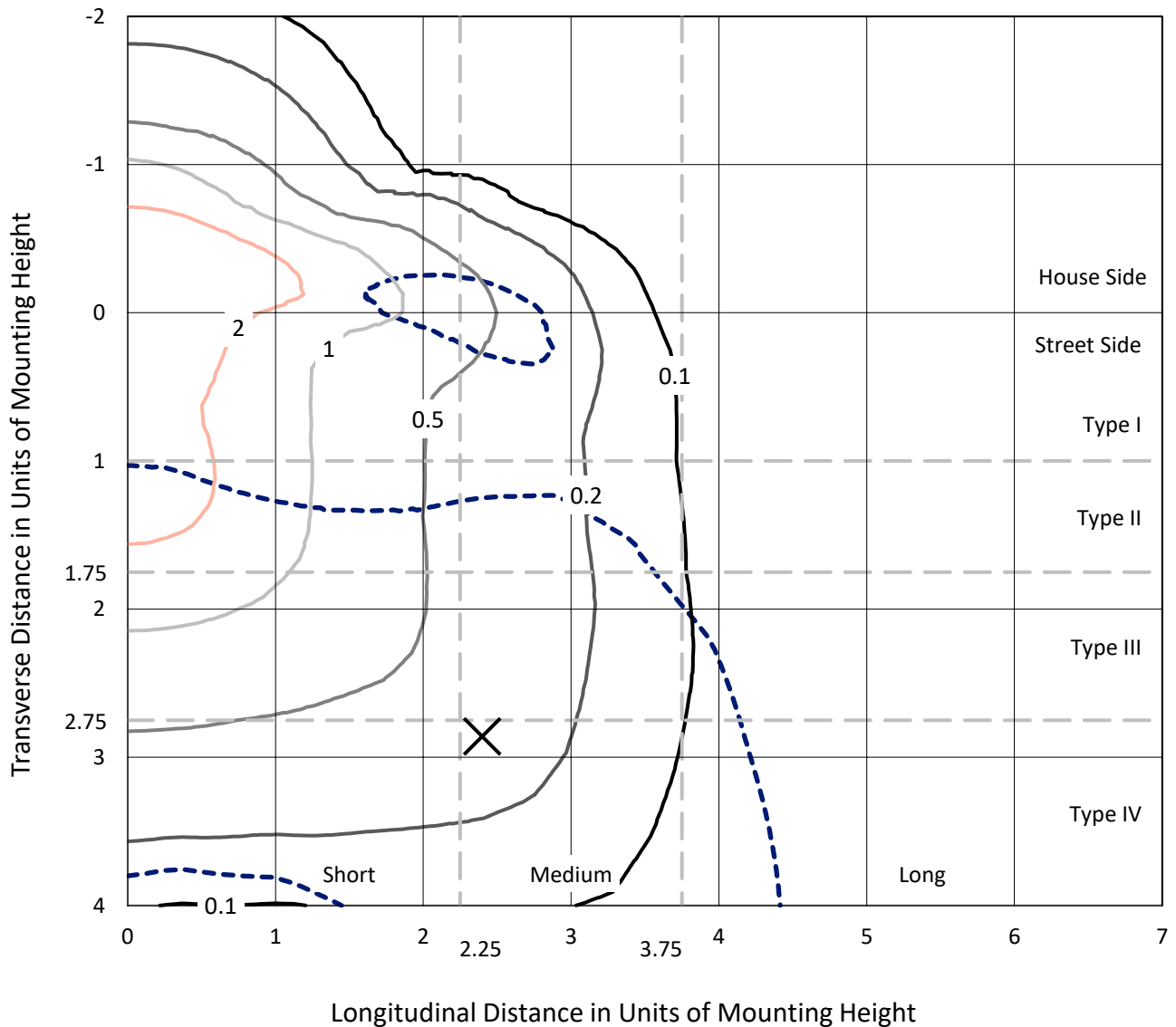
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P940302
 CATALOG NUMBER: GLAN-SB3B-760-U-SL4

Iso-Footcandle Lines of Horizontal Illumination

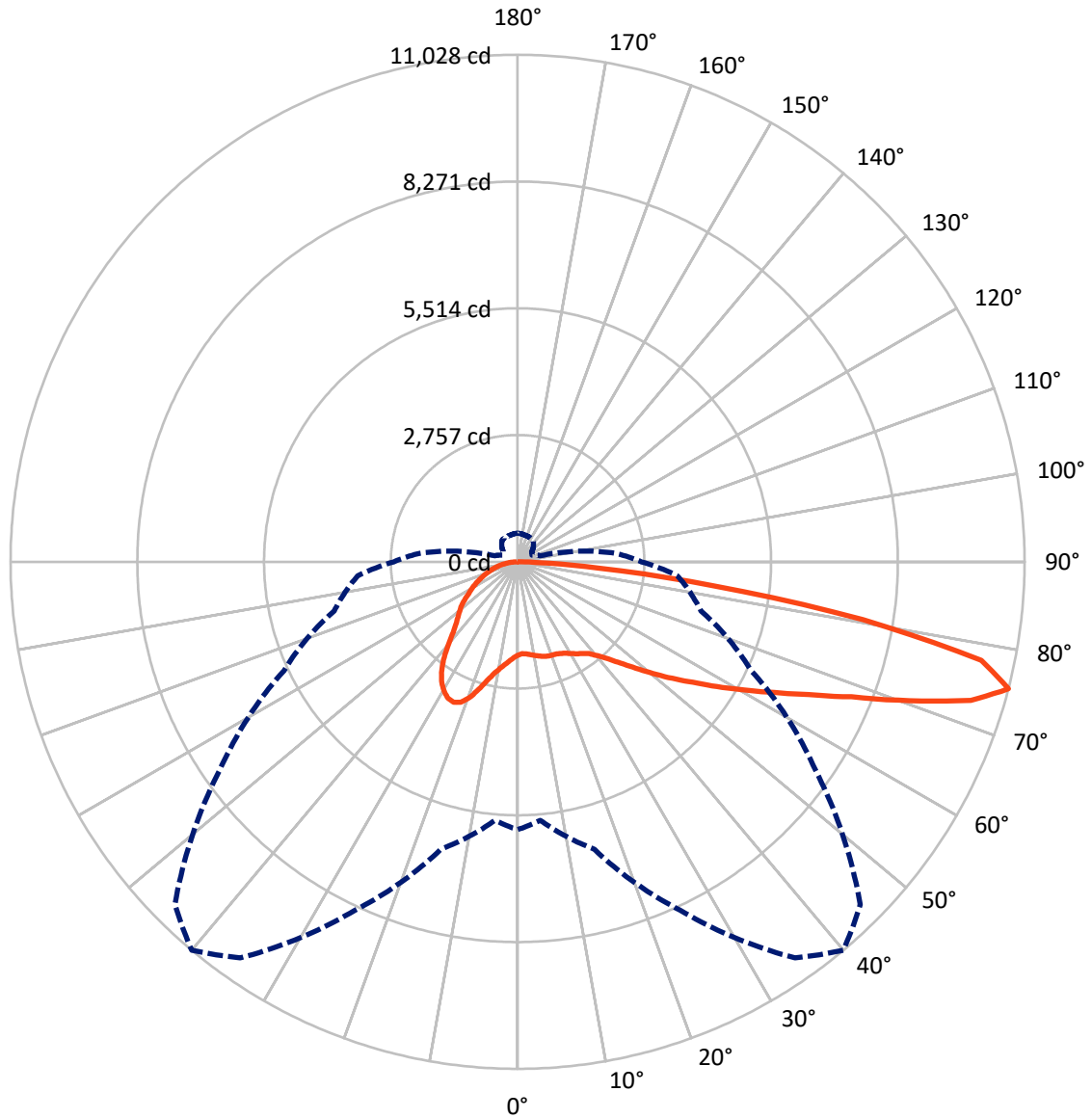
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P940302
CATALOG NUMBER: GLAN-SB3B-760-U-SL4

Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

REPORT NUMBER: P940302
 CATALOG NUMBER: GLAN-SB3B-760-U-SL4

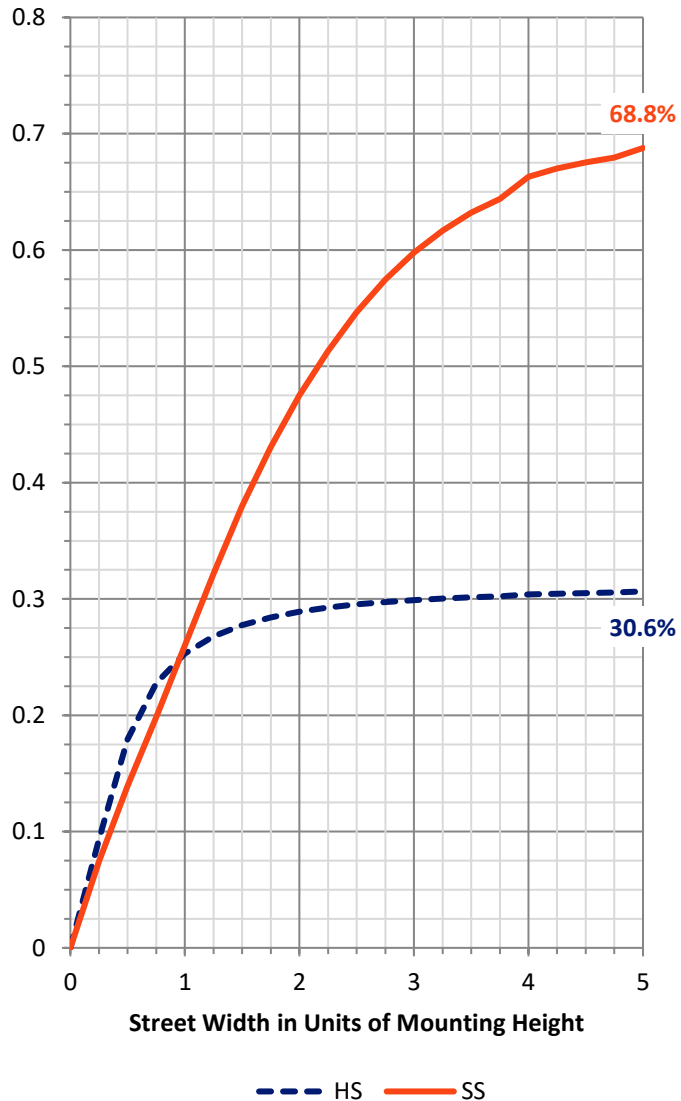
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5489.6 | 0.0 | 5489.6 |
| | % Fixture | 31.0 | 0.0 | 31.0 |
| Street Side | Lumens | 12228.4 | 0.0 | 12228.4 |
| | % Fixture | 69.0 | 0.0 | 69.0 |
| Total | Lumens | 17718.0 | 0.0 | 17718.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 202.2 | 1.1 |
| 10°-20° | 679.0 | 3.8 |
| 20°-30° | 1239.8 | 7.0 |
| 30°-40° | 1758.4 | 9.9 |
| 40°-50° | 2374.4 | 13.4 |
| 50°-60° | 3194.2 | 18.0 |
| 60°-70° | 4054.2 | 22.9 |
| 70°-80° | 3679.4 | 20.8 |
| 80°-90° | 536.3 | 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° | 17718.0 | 100.0 |
| 0°-180° | 17718.0 | 100.0 |

Coefficient of Utilization

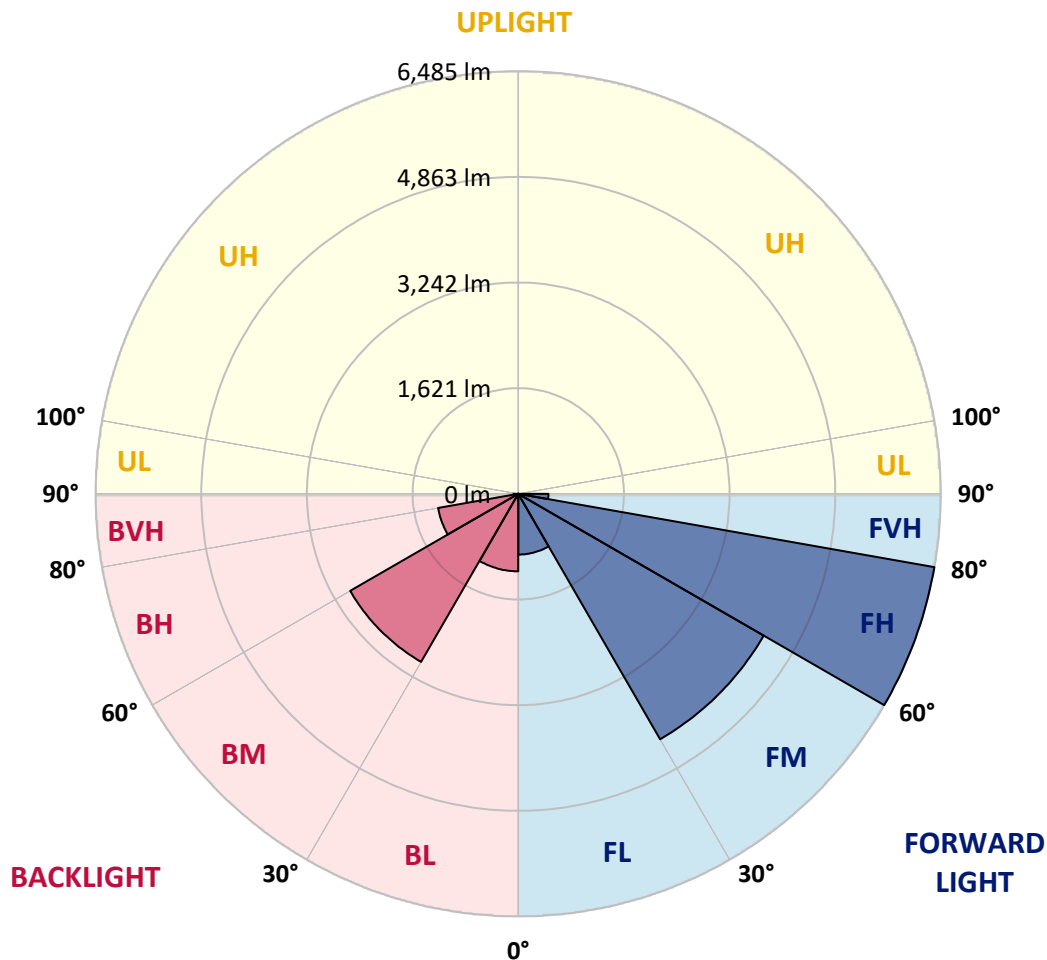


REPORT NUMBER: P940302
 CATALOG NUMBER: GLAN-SB3B-760-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 932.0 | 5.3 | | | |
| FM (30°-60°) | 4349.4 | 24.5 | | | |
| FH (60°-80°) | 6484.5 | 36.6 | | | G3/7500 |
| FVH (80°-90°) | 462.5 | 2.6 | | | G3/500 |
| BL (0°-30°) | 1189.1 | 6.7 | B3/2500 | | |
| BM (30°-60°) | 2977.6 | 16.8 | B3/5000 | | |
| BH (60°-80°) | 1249.1 | 7.0 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 73.8 | 0.4 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3
 Type IV Medium



REPORT NUMBER: P940302
 CATALOG NUMBER: GLAN-SB3B-760-U-SL4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 40° | 45° | 55° | 65° | 75° |
|-------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| 0° | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 |
| 2.5° | 1995.1 | 2006.3 | 2003.5 | 1999.8 | 1999.8 | 2000.7 | 1999.8 | 2006.3 | 2012.9 | 2019.5 |
| 5° | 2015.7 | 2027.0 | 2021.4 | 2016.7 | 2012.9 | 2012.0 | 2009.2 | 2008.2 | 2012.0 | 2020.4 |
| 7.5° | 2056.1 | 2067.4 | 2059.0 | 2050.5 | 2043.0 | 2039.2 | 2035.5 | 2029.8 | 2027.0 | 2031.7 |
| 10° | 2101.3 | 2112.5 | 2102.2 | 2087.2 | 2074.9 | 2070.2 | 2066.5 | 2060.8 | 2057.1 | 2059.9 |
| 12.5° | 2146.4 | 2157.6 | 2143.5 | 2122.9 | 2106.9 | 2104.1 | 2099.4 | 2097.5 | 2096.6 | 2095.6 |
| 15° | 2188.7 | 2198.0 | 2180.2 | 2155.8 | 2138.8 | 2134.1 | 2129.4 | 2132.3 | 2137.0 | 2142.6 |
| 17.5° | 2221.5 | 2230.9 | 2204.6 | 2172.7 | 2156.7 | 2154.8 | 2152.0 | 2161.4 | 2174.6 | 2188.7 |
| 20° | 2251.6 | 2261.0 | 2227.2 | 2184.0 | 2165.2 | 2165.2 | 2166.1 | 2185.8 | 2204.6 | 2225.3 |
| 22.5° | 2293.9 | 2301.4 | 2260.1 | 2200.9 | 2173.6 | 2175.5 | 2183.0 | 2202.7 | 2226.2 | 2254.4 |
| 25° | 2356.9 | 2362.5 | 2311.8 | 2232.8 | 2201.8 | 2207.4 | 2214.0 | 2223.4 | 2246.0 | 2278.9 |
| 27.5° | 2458.4 | 2463.1 | 2396.3 | 2289.2 | 2242.2 | 2251.6 | 2261.0 | 2254.4 | 2264.8 | 2293.0 |
| 30° | 2601.2 | 2604.0 | 2519.4 | 2377.5 | 2310.8 | 2315.5 | 2317.4 | 2290.1 | 2270.4 | 2293.0 |
| 32.5° | 2770.4 | 2769.4 | 2668.9 | 2484.7 | 2388.8 | 2384.1 | 2368.1 | 2314.6 | 2268.5 | 2288.3 |
| 35° | 3032.5 | 3022.2 | 2892.5 | 2635.0 | 2477.2 | 2448.0 | 2410.4 | 2341.8 | 2277.9 | 2283.6 |
| 37.5° | 3466.7 | 3434.7 | 3255.3 | 2881.2 | 2608.7 | 2534.5 | 2479.0 | 2386.0 | 2298.6 | 2281.7 |
| 40° | 3956.3 | 3915.9 | 3718.5 | 3218.6 | 2806.1 | 2686.7 | 2597.4 | 2449.0 | 2332.4 | 2290.1 |
| 42.5° | 4537.1 | 4479.7 | 4267.4 | 3616.1 | 3056.0 | 2883.1 | 2748.7 | 2528.8 | 2382.2 | 2317.4 |
| 45° | 5250.3 | 5174.2 | 4873.5 | 4064.4 | 3370.8 | 3140.6 | 2961.1 | 2650.1 | 2458.4 | 2370.0 |
| 47.5° | 5971.1 | 5989.9 | 5562.3 | 4577.5 | 3748.6 | 3458.2 | 3227.1 | 2832.4 | 2569.2 | 2454.6 |
| 50° | 6737.0 | 6750.1 | 6247.4 | 5146.0 | 4177.1 | 3817.2 | 3525.9 | 3036.3 | 2723.4 | 2574.9 |
| 52.5° | 7334.7 | 7336.5 | 6869.5 | 5740.9 | 4623.5 | 4211.9 | 3848.2 | 3269.4 | 2901.9 | 2734.6 |
| 55° | 7708.7 | 7704.0 | 7305.5 | 6303.8 | 5136.6 | 4626.3 | 4205.3 | 3534.4 | 3119.9 | 2922.6 |
| 57.5° | 7980.3 | 7966.2 | 7606.2 | 6787.7 | 5683.5 | 5115.9 | 4609.4 | 3835.1 | 3377.4 | 3146.2 |
| 60° | 8083.6 | 8075.2 | 7810.2 | 7205.9 | 6258.7 | 5657.2 | 5075.5 | 4171.5 | 3669.7 | 3410.3 |
| 62.5° | 8123.1 | 8139.1 | 8010.3 | 7610.9 | 6874.2 | 6256.8 | 5587.7 | 4573.7 | 3998.6 | 3709.1 |
| 65° | 8262.2 | 8291.3 | 8265.0 | 8141.0 | 7569.6 | 6958.8 | 6267.1 | 5052.0 | 4357.6 | 4029.6 |
| 67.5° | 8537.5 | 8566.7 | 8577.9 | 8775.3 | 8419.1 | 7833.7 | 7114.8 | 5647.8 | 4777.6 | 4362.3 |
| 70° | 8530.9 | 8522.5 | 8721.7 | 9279.9 | 9482.9 | 9045.0 | 8257.5 | 6380.8 | 5278.5 | 4638.6 |
| 72.5° | 7765.1 | 7697.4 | 8168.2 | 9274.3 | 10368.1 | 10309.9 | 9653.0 | 7326.2 | 5710.8 | 4672.4 |
| 75° | 5825.4 | 5645.0 | 6476.7 | 8358.0 | 10515.7 | 11027.8 | 10540.1 | 7912.6 | 5608.4 | 4128.3 |
| 77.5° | 2491.2 | 2309.9 | 3290.0 | 6187.2 | 9411.5 | 10308.9 | 9726.3 | 6903.3 | 4476.9 | 2729.9 |
| 80° | 652.2 | 651.2 | 994.2 | 2805.1 | 6400.6 | 7612.8 | 6678.7 | 4458.1 | 2558.0 | 975.4 |
| 82.5° | 269.7 | 263.1 | 365.6 | 1091.0 | 3127.5 | 4272.1 | 3486.4 | 1988.5 | 923.8 | 264.1 |
| 85° | 100.6 | 99.6 | 177.6 | 376.8 | 1103.3 | 1762.0 | 1275.2 | 508.4 | 230.2 | 128.7 |
| 87.5° | 28.2 | 27.3 | 38.5 | 130.6 | 268.8 | 407.8 | 218.0 | 83.6 | 64.8 | 50.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P940302
 CATALOG NUMBER: GLAN-SB3B-760-U-SL4

CANDELA DISTRIBUTION (continued):

| 85° | | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2026.1 | 0° | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 | 2026.1 |
| 2029.8 | 2.5° | 2032.7 | 2037.4 | 2045.8 | 2052.4 | 2060.8 | 2070.2 | 2083.4 | 2091.9 | 2100.3 | 2106.0 |
| 2034.5 | 5° | 2041.1 | 2051.4 | 2073.1 | 2094.7 | 2120.1 | 2143.5 | 2170.8 | 2190.5 | 2206.5 | 2211.2 |
| 2051.4 | 7.5° | 2059.9 | 2076.8 | 2113.5 | 2150.1 | 2190.5 | 2229.1 | 2268.5 | 2302.4 | 2329.6 | 2339.9 |
| 2081.5 | 10° | 2092.8 | 2115.4 | 2167.0 | 2218.7 | 2272.3 | 2331.5 | 2382.2 | 2431.1 | 2469.6 | 2485.6 |
| 2117.2 | 12.5° | 2134.1 | 2162.3 | 2230.0 | 2301.4 | 2375.7 | 2457.4 | 2523.2 | 2583.3 | 2631.3 | 2652.9 |
| 2167.0 | 15° | 2187.7 | 2224.4 | 2310.8 | 2406.7 | 2515.7 | 2629.4 | 2713.0 | 2779.7 | 2833.3 | 2859.6 |
| 2218.7 | 17.5° | 2246.0 | 2294.8 | 2403.9 | 2548.6 | 2704.6 | 2854.0 | 2951.7 | 3000.6 | 3056.0 | 3081.4 |
| 2266.7 | 20° | 2302.4 | 2362.5 | 2518.5 | 2729.0 | 2936.7 | 3095.5 | 3174.4 | 3187.6 | 3191.4 | 3194.2 |
| 2311.8 | 22.5° | 2360.6 | 2441.4 | 2662.3 | 2956.4 | 3179.1 | 3289.1 | 3300.4 | 3244.0 | 3165.0 | 3128.4 |
| 2355.9 | 25° | 2424.5 | 2531.7 | 2850.2 | 3207.3 | 3387.8 | 3400.9 | 3314.5 | 3177.3 | 3027.8 | 2959.2 |
| 2391.6 | 27.5° | 2486.5 | 2636.0 | 3075.8 | 3447.0 | 3538.1 | 3422.5 | 3236.5 | 3041.9 | 2861.5 | 2789.1 |
| 2417.0 | 30° | 2548.6 | 2755.3 | 3324.8 | 3656.5 | 3606.7 | 3369.0 | 3113.4 | 2896.3 | 2714.9 | 2638.8 |
| 2439.6 | 32.5° | 2611.5 | 2894.4 | 3611.4 | 3807.8 | 3594.5 | 3255.3 | 2960.2 | 2732.8 | 2573.0 | 2493.1 |
| 2459.3 | 35° | 2683.0 | 3065.4 | 3883.0 | 3890.5 | 3512.7 | 3088.0 | 2758.1 | 2537.3 | 2398.2 | 2334.3 |
| 2482.8 | 37.5° | 2776.0 | 3282.5 | 4122.6 | 3911.2 | 3369.9 | 2842.7 | 2507.2 | 2306.1 | 2191.5 | 2162.3 |
| 2517.6 | 40° | 2891.6 | 3543.8 | 4305.9 | 3878.3 | 3158.5 | 2544.8 | 2232.8 | 2072.1 | 2007.3 | 2013.9 |
| 2564.5 | 42.5° | 3041.9 | 3836.0 | 4434.6 | 3793.7 | 2864.3 | 2237.5 | 1992.2 | 1920.8 | 1951.8 | 1978.2 |
| 2635.0 | 45° | 3237.4 | 4139.5 | 4514.5 | 3649.9 | 2531.7 | 1977.2 | 1850.3 | 1867.3 | 1890.8 | 1893.6 |
| 2748.7 | 47.5° | 3487.4 | 4446.8 | 4567.1 | 3432.9 | 2192.4 | 1794.0 | 1760.1 | 1763.9 | 1759.2 | 1739.5 |
| 2918.8 | 50° | 3799.4 | 4745.7 | 4614.1 | 3145.3 | 1903.9 | 1679.3 | 1634.2 | 1621.0 | 1556.2 | 1492.3 |
| 3145.3 | 52.5° | 4154.6 | 5020.1 | 4633.9 | 2788.2 | 1679.3 | 1583.5 | 1510.2 | 1427.5 | 1306.2 | 1286.5 |
| 3430.0 | 55° | 4549.3 | 5273.8 | 4583.1 | 2349.3 | 1490.4 | 1460.4 | 1349.5 | 1249.9 | 1236.7 | 1219.8 |
| 3805.0 | 57.5° | 5021.0 | 5547.3 | 4479.7 | 1859.7 | 1296.8 | 1316.6 | 1208.5 | 1219.8 | 1196.3 | 1170.0 |
| 4287.1 | 60° | 5536.9 | 5830.1 | 4298.4 | 1413.4 | 1096.7 | 1137.1 | 1171.9 | 1170.9 | 1164.3 | 1142.7 |
| 4795.5 | 62.5° | 6001.2 | 6016.2 | 3941.3 | 1082.6 | 920.9 | 998.0 | 1092.9 | 1092.0 | 1086.3 | 1074.1 |
| 5326.4 | 65° | 6277.5 | 5988.0 | 3345.5 | 852.3 | 776.2 | 883.4 | 985.8 | 993.3 | 994.2 | 993.3 |
| 5725.8 | 67.5° | 6228.6 | 5658.2 | 2527.9 | 678.5 | 656.9 | 766.8 | 879.6 | 889.9 | 897.5 | 899.3 |
| 5776.6 | 70° | 5676.0 | 4933.6 | 1648.3 | 541.3 | 550.7 | 664.4 | 779.0 | 789.4 | 796.0 | 803.5 |
| 5012.6 | 72.5° | 4424.3 | 3627.4 | 943.5 | 437.9 | 457.7 | 576.1 | 679.4 | 691.6 | 695.4 | 709.5 |
| 3488.3 | 75° | 2696.1 | 2133.2 | 509.3 | 344.9 | 375.9 | 492.4 | 580.8 | 594.9 | 601.4 | 618.3 |
| 1713.1 | 77.5° | 1281.8 | 923.8 | 290.4 | 268.8 | 302.6 | 402.2 | 490.5 | 506.5 | 488.7 | 498.1 |
| 472.7 | 80° | 433.2 | 343.0 | 183.2 | 204.9 | 231.2 | 313.9 | 392.8 | 408.8 | 371.2 | 369.3 |
| 156.9 | 82.5° | 151.3 | 139.1 | 116.5 | 136.3 | 149.4 | 224.6 | 297.0 | 317.6 | 276.3 | 275.3 |
| 70.5 | 85° | 59.2 | 56.4 | 64.8 | 74.2 | 89.3 | 138.1 | 195.5 | 205.8 | 170.1 | 137.2 |
| 20.7 | 87.5° | 12.2 | 13.2 | 16.0 | 16.9 | 27.3 | 47.9 | 70.5 | 86.5 | 68.6 | 58.3 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END O

| 180° |
|--------|
| 2026.1 |
| 2102.2 |
| 2213.1 |
| 2340.9 |
| 2486.5 |
| 2652.9 |
| 2857.7 |
| 3080.5 |
| 3201.7 |
| 3138.7 |
| 2969.6 |
| 2797.6 |
| 2647.2 |
| 2503.5 |
| 2348.4 |
| 2183.0 |
| 2036.4 |
| 2002.6 |
| 1912.4 |
| 1754.5 |
| 1500.8 |
| 1293.1 |
| 1222.6 |
| 1165.3 |
| 1135.2 |
| 1069.4 |
| 993.3 |
| 901.2 |
| 807.2 |
| 715.1 |
| 620.2 |
| 490.5 |
| 365.6 |
| 262.2 |
| 135.3 |
| 53.6 |
| 0.0 |

F REPORT)