

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: P453800

Luminaire Tested: **GLAN-SA4D-760-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P453800
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4D-760-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 5700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21977 lumens
Efficiency: N/A
Efficacy: 89.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

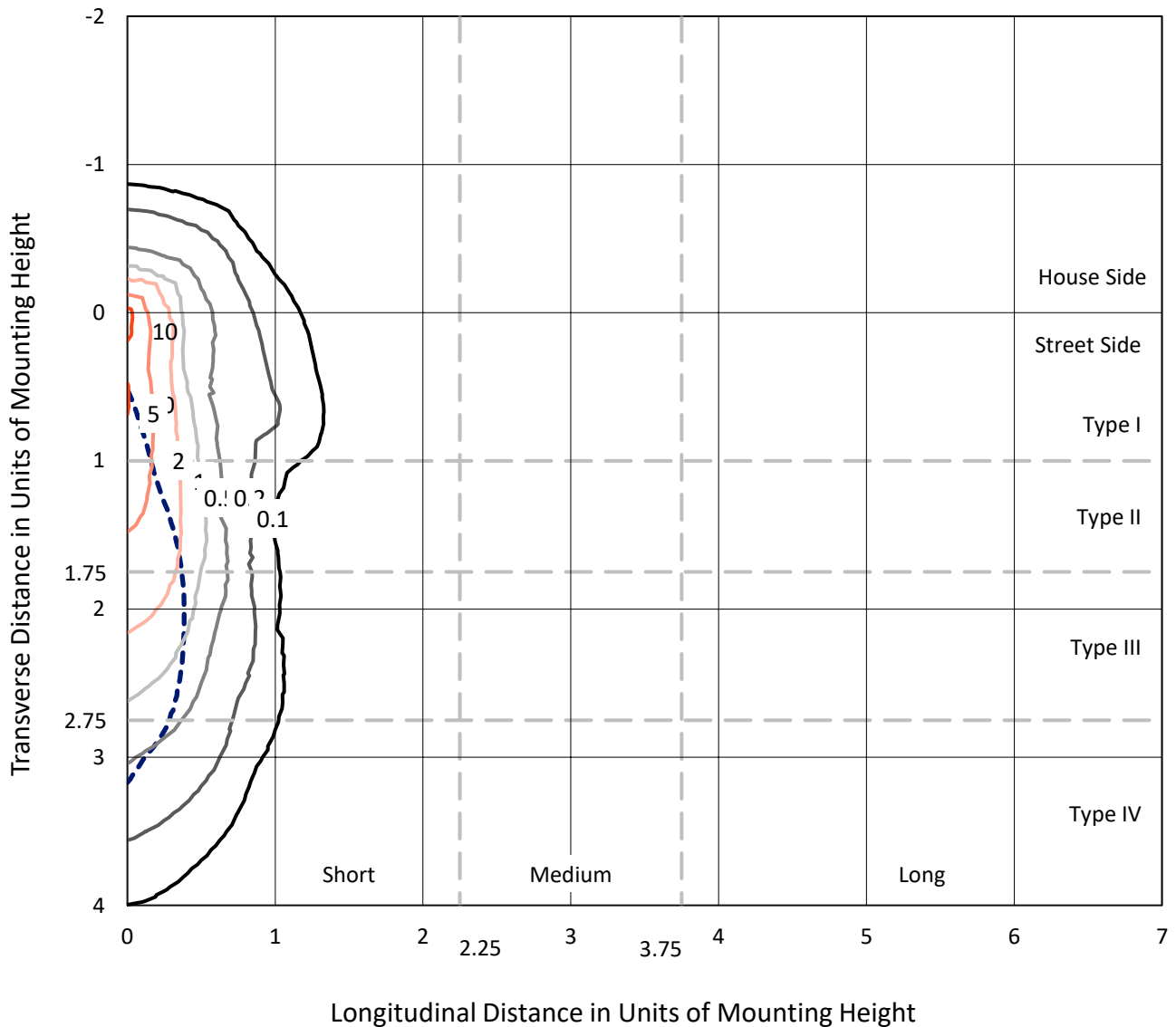
Input Watts (W): 245
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P453800
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Iso-Footcandle Lines of Horizontal Illumination

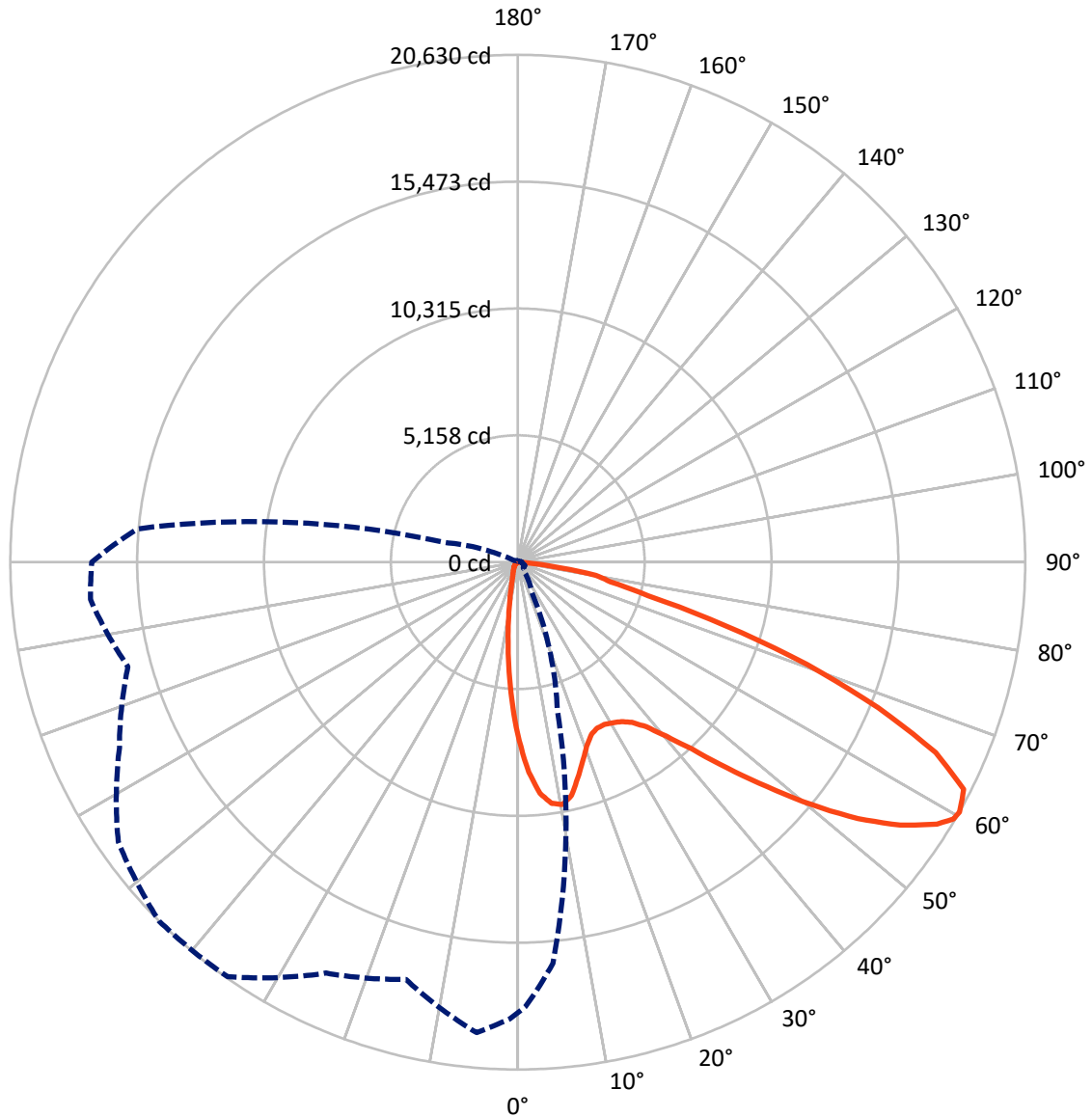
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P453800
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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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CATALOG NUMBER: GLAN-SA4D-760-U-SLR-HSS

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2710.6 | 0.0 | 2710.6 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 19266.4 | 0.0 | 19266.4 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 21977.0 | 0.0 | 21977.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 540.3 | 2.5 |
| 10°-20° | 1072.9 | 4.9 |
| 20°-30° | 1573.2 | 7.2 |
| 30°-40° | 2339.7 | 10.6 |
| 40°-50° | 3404.9 | 15.5 |
| 50°-60° | 4910.2 | 22.3 |
| 60°-70° | 5400.7 | 24.6 |
| 70°-80° | 2419.1 | 11.0 |
| 80°-90° | 316.1 | 1.4 |
| 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° | 21977.0 | 100.0 |
| 0°-180° | 21977.0 | 100.0 |

Coefficient of Utilization



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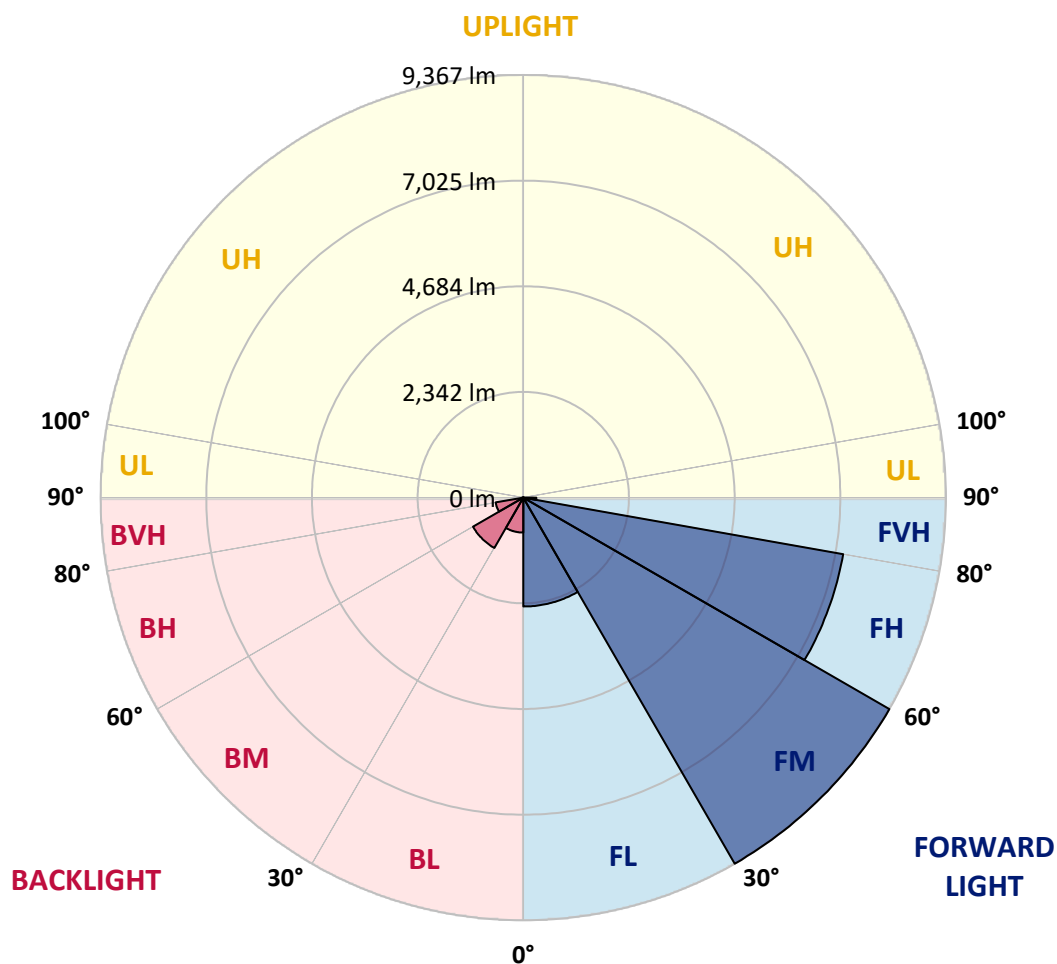
CATALOG NUMBER: GLAN-SA4D-760-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 2411.9 | 11.0 | | | |
| FM | (30°-60°) | 9367.3 | 42.6 | | | |
| FH | (60°-80°) | 7198.1 | 32.8 | | | G3/7500 |
| FVH | (80°-90°) | 289.1 | 1.3 | | | G3/500 |
| BL | (0°-30°) | 774.5 | 3.5 | B2/1000 | | |
| BM | (30°-60°) | 1287.5 | 5.9 | B2/2500 | | |
| BH | (60°-80°) | 621.6 | 2.8 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 27.0 | 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: P453800

CATALOG NUMBER: GLAN-SA4D-760-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 |
| 2.5° | 7985.4 | 7950.3 | 7870.1 | 7626.2 | 7414.1 | 7136.7 | 6856.1 | 6635.6 | 6500.3 | 6251.3 | 6137.7 |
| 5° | 7736.5 | 7753.2 | 7521.0 | 7019.8 | 6461.8 | 6080.9 | 5665.0 | 5334.2 | 4970.0 | 4739.5 | 4497.2 |
| 7.5° | 7086.6 | 7053.2 | 6801.0 | 6102.7 | 5424.4 | 4873.1 | 4346.9 | 3919.2 | 3650.2 | 3434.7 | 3254.3 |
| 10° | 6530.3 | 6505.3 | 6182.8 | 5284.1 | 4555.7 | 4143.1 | 3787.2 | 3413.0 | 3124.0 | 2808.3 | 2556.0 |
| 12.5° | 6181.2 | 6124.4 | 5753.5 | 4814.6 | 4221.6 | 3837.3 | 3449.8 | 3060.5 | 2661.2 | 2342.2 | 2036.4 |
| 15° | 6064.2 | 5982.4 | 5569.7 | 4652.6 | 4007.7 | 3519.9 | 3033.8 | 2586.1 | 2126.7 | 1774.2 | 1543.6 |
| 17.5° | 6276.4 | 6141.1 | 5701.7 | 4624.2 | 3752.1 | 3105.6 | 2507.6 | 1924.5 | 1446.7 | 1177.8 | 1035.8 |
| 20° | 6762.5 | 6607.2 | 6035.8 | 4595.8 | 3468.1 | 2641.2 | 1906.1 | 1359.9 | 1000.7 | 853.7 | 775.2 |
| 22.5° | 7484.2 | 7270.4 | 6530.3 | 4640.9 | 3205.9 | 2188.5 | 1376.6 | 960.6 | 795.2 | 703.3 | 648.2 |
| 25° | 8351.3 | 8172.5 | 7156.8 | 4801.3 | 2998.7 | 1832.6 | 1064.2 | 785.2 | 669.9 | 613.1 | 571.3 |
| 27.5° | 9301.8 | 9016.2 | 7967.0 | 4993.4 | 2809.9 | 1557.0 | 933.9 | 701.6 | 596.4 | 544.6 | 522.9 |
| 30° | 9978.4 | 9756.2 | 8645.3 | 5127.0 | 2574.4 | 1349.8 | 853.7 | 691.6 | 598.1 | 536.3 | 496.2 |
| 32.5° | 10646.7 | 10362.7 | 9213.3 | 5188.8 | 2402.3 | 1206.2 | 738.4 | 603.1 | 524.6 | 492.8 | 452.7 |
| 35° | 11361.7 | 11064.3 | 9779.6 | 5155.4 | 2273.7 | 1110.9 | 669.9 | 537.9 | 449.4 | 395.9 | 355.8 |
| 37.5° | 12085.0 | 11771.0 | 10342.6 | 5035.1 | 2193.5 | 1072.5 | 616.4 | 511.2 | 424.3 | 369.2 | 325.8 |
| 40° | 12943.7 | 12524.4 | 10870.5 | 4936.6 | 2110.0 | 1052.5 | 581.4 | 494.5 | 406.0 | 347.5 | 304.0 |
| 42.5° | 13645.4 | 13246.1 | 11370.0 | 4884.8 | 2053.2 | 1005.7 | 581.4 | 481.1 | 394.3 | 329.1 | 284.0 |
| 45° | 14310.2 | 13895.9 | 11909.6 | 4926.6 | 2029.8 | 947.2 | 588.0 | 479.5 | 385.9 | 315.7 | 270.6 |
| 47.5° | 14866.6 | 14507.4 | 12464.3 | 5083.6 | 1999.7 | 883.7 | 553.0 | 502.8 | 380.9 | 304.0 | 257.3 |
| 50° | 15523.1 | 15175.6 | 13197.6 | 5401.0 | 1946.2 | 820.3 | 509.5 | 541.3 | 379.2 | 294.0 | 245.6 |
| 52.5° | 16448.6 | 16072.7 | 14210.0 | 5761.9 | 1861.0 | 723.4 | 469.4 | 536.3 | 372.5 | 277.3 | 233.9 |
| 55° | 17579.6 | 17275.5 | 15382.8 | 6194.5 | 1744.1 | 614.8 | 406.0 | 476.1 | 352.5 | 248.9 | 213.8 |
| 57.5° | 18304.6 | 18045.7 | 16261.5 | 6381.6 | 1565.3 | 502.8 | 357.5 | 399.3 | 322.4 | 222.2 | 190.4 |
| 59° | 18389.8 | 18155.9 | 16445.3 | 6319.8 | 1448.4 | 459.4 | 334.1 | 342.5 | 314.1 | 207.2 | 177.1 |
| 60° | 18318.0 | 18075.8 | 16371.8 | 6199.5 | 1339.8 | 429.3 | 314.1 | 304.0 | 315.7 | 198.8 | 167.1 |
| 62.5° | 17856.9 | 17442.6 | 15658.4 | 5589.8 | 1171.1 | 394.3 | 279.0 | 248.9 | 279.0 | 178.8 | 148.7 |
| 65° | 16966.5 | 16345.0 | 14246.8 | 4731.1 | 1104.3 | 374.2 | 237.2 | 208.8 | 212.2 | 157.0 | 128.6 |
| 67.5° | 15411.2 | 14627.7 | 12367.4 | 3844.0 | 1075.9 | 375.9 | 200.5 | 187.1 | 163.7 | 133.6 | 113.6 |
| 70° | 12952.1 | 12170.2 | 9923.3 | 3162.4 | 1062.5 | 375.9 | 170.4 | 160.4 | 137.0 | 111.9 | 98.6 |
| 72.5° | 9178.2 | 8336.2 | 6694.0 | 2484.2 | 957.2 | 374.2 | 145.3 | 145.3 | 111.9 | 93.6 | 80.2 |
| 75° | 5185.5 | 5192.2 | 4208.2 | 1757.5 | 795.2 | 309.1 | 116.9 | 115.3 | 81.9 | 71.8 | 60.1 |
| 77.5° | 3022.1 | 2968.6 | 2836.7 | 755.1 | 369.2 | 140.3 | 81.9 | 70.2 | 56.8 | 51.8 | 43.4 |
| 80° | 1553.6 | 1278.0 | 1244.6 | 274.0 | 132.0 | 88.5 | 56.8 | 40.1 | 36.8 | 33.4 | 30.1 |
| 82.5° | 459.4 | 461.1 | 411.0 | 110.3 | 73.5 | 58.5 | 28.4 | 21.7 | 20.0 | 18.4 | 18.4 |
| 85° | 31.7 | 20.0 | 23.4 | 33.4 | 45.1 | 23.4 | 1.7 | 5.0 | 5.0 | 6.7 | 8.4 |
| 87.5° | 3.3 | 1.7 | 0.0 | 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 |



REPORT NUMBER: P453800

CATALOG NUMBER: GLAN-SA4D-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 |
| 2.5° | 6012.4 | 6085.9 | 5949.0 | 5952.3 | 5838.7 | 5875.5 | 5741.8 | 5785.2 | 5706.7 | 5766.9 | 5943.9 |
| 5° | 4523.9 | 4540.7 | 4430.4 | 4395.3 | 4412.0 | 4480.5 | 4507.2 | 4385.3 | 4437.1 | 4335.2 | 4328.5 |
| 7.5° | 3187.5 | 3207.5 | 3144.0 | 3135.7 | 3256.0 | 3227.6 | 3279.4 | 3154.1 | 3035.5 | 3087.2 | 2992.0 |
| 10° | 2475.8 | 2392.3 | 2262.0 | 2225.2 | 2201.8 | 2216.9 | 2216.9 | 2103.3 | 2086.6 | 2041.5 | 2110.0 |
| 12.5° | 1954.6 | 1852.7 | 1729.1 | 1562.0 | 1520.2 | 1516.9 | 1455.1 | 1354.8 | 1323.1 | 1284.7 | 1341.5 |
| 15° | 1420.0 | 1378.2 | 1274.7 | 1181.1 | 1085.9 | 1067.5 | 967.3 | 885.4 | 776.8 | 761.8 | 756.8 |
| 17.5° | 999.0 | 937.2 | 935.5 | 882.1 | 826.9 | 790.2 | 696.6 | 603.1 | 561.3 | 556.3 | 556.3 |
| 20° | 748.4 | 726.7 | 691.6 | 684.9 | 668.2 | 626.5 | 542.9 | 492.8 | 472.8 | 474.4 | 481.1 |
| 22.5° | 629.8 | 614.8 | 583.0 | 568.0 | 561.3 | 524.6 | 462.8 | 429.3 | 419.3 | 419.3 | 421.0 |
| 25° | 563.0 | 549.6 | 514.5 | 491.2 | 482.8 | 456.1 | 407.6 | 382.6 | 374.2 | 374.2 | 374.2 |
| 27.5° | 512.9 | 496.2 | 459.4 | 439.4 | 424.3 | 394.3 | 364.2 | 339.1 | 330.8 | 330.8 | 332.4 |
| 30° | 477.8 | 459.4 | 426.0 | 399.3 | 375.9 | 349.2 | 324.1 | 302.4 | 292.4 | 290.7 | 292.4 |
| 32.5° | 431.0 | 414.3 | 380.9 | 364.2 | 337.5 | 305.7 | 285.7 | 265.6 | 255.6 | 257.3 | 255.6 |
| 35° | 335.8 | 330.8 | 307.4 | 312.4 | 297.4 | 270.6 | 252.3 | 230.5 | 218.8 | 217.2 | 220.5 |
| 37.5° | 305.7 | 285.7 | 258.9 | 260.6 | 255.6 | 245.6 | 215.5 | 192.1 | 183.8 | 183.8 | 185.4 |
| 40° | 282.3 | 262.3 | 232.2 | 217.2 | 218.8 | 218.8 | 187.1 | 162.0 | 153.7 | 152.0 | 155.4 |
| 42.5° | 262.3 | 242.2 | 208.8 | 183.8 | 177.1 | 185.4 | 158.7 | 133.6 | 125.3 | 122.0 | 125.3 |
| 45° | 248.9 | 227.2 | 188.8 | 160.4 | 140.3 | 150.4 | 130.3 | 110.3 | 100.2 | 100.2 | 98.6 |
| 47.5° | 235.6 | 215.5 | 173.7 | 138.7 | 116.9 | 111.9 | 106.9 | 88.5 | 78.5 | 76.8 | 78.5 |
| 50° | 223.9 | 203.8 | 157.0 | 120.3 | 98.6 | 86.9 | 86.9 | 70.2 | 63.5 | 60.1 | 61.8 |
| 52.5° | 212.2 | 190.4 | 142.0 | 106.9 | 85.2 | 70.2 | 61.8 | 56.8 | 51.8 | 50.1 | 51.8 |
| 55° | 195.5 | 173.7 | 127.0 | 91.9 | 73.5 | 58.5 | 48.4 | 46.8 | 43.4 | 40.1 | 43.4 |
| 57.5° | 175.4 | 155.4 | 111.9 | 78.5 | 58.5 | 45.1 | 40.1 | 38.4 | 35.1 | 33.4 | 33.4 |
| 59° | 163.7 | 145.3 | 103.6 | 68.5 | 51.8 | 40.1 | 36.8 | 35.1 | 31.7 | 28.4 | 30.1 |
| 60° | 157.0 | 142.0 | 98.6 | 63.5 | 46.8 | 36.8 | 33.4 | 31.7 | 28.4 | 26.7 | 28.4 |
| 62.5° | 138.7 | 127.0 | 86.9 | 51.8 | 36.8 | 26.7 | 23.4 | 25.1 | 23.4 | 21.7 | 23.4 |
| 65° | 122.0 | 111.9 | 73.5 | 40.1 | 28.4 | 18.4 | 16.7 | 21.7 | 20.0 | 18.4 | 20.0 |
| 67.5° | 108.6 | 96.9 | 61.8 | 30.1 | 20.0 | 10.0 | 11.7 | 18.4 | 18.4 | 16.7 | 18.4 |
| 70° | 93.6 | 83.5 | 50.1 | 21.7 | 10.0 | 5.0 | 8.4 | 13.4 | 16.7 | 15.0 | 16.7 |
| 72.5° | 76.8 | 65.2 | 38.4 | 15.0 | 5.0 | 0.0 | 5.0 | 11.7 | 16.7 | 15.0 | 16.7 |
| 75° | 60.1 | 48.4 | 28.4 | 8.4 | 0.0 | 0.0 | 1.7 | 10.0 | 16.7 | 15.0 | 16.7 |
| 77.5° | 43.4 | 35.1 | 16.7 | 1.7 | 0.0 | 0.0 | 1.7 | 10.0 | 16.7 | 15.0 | 16.7 |
| 80° | 28.4 | 25.1 | 6.7 | 0.0 | 0.0 | 0.0 | 1.7 | 10.0 | 16.7 | 16.7 | 18.4 |
| 82.5° | 18.4 | 13.4 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 13.4 | 18.4 | 20.0 | 20.0 |
| 85° | 8.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.7 | 16.7 | 21.7 | 21.7 | 21.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 11.7 | 20.0 | 25.1 | 25.1 | 25.1 |
| 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: P453800

CATALOG NUMBER: GLAN-SA4D-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 |
| 2.5° | 5974.0 | 6079.3 | 6227.9 | 6456.8 | 6642.3 | 6934.6 | 7158.5 | 7464.2 | 7773.2 | 7866.8 | 8012.1 |
| 5° | 4397.0 | 4532.3 | 4869.8 | 5177.1 | 5370.9 | 5989.1 | 6380.0 | 6996.4 | 7549.4 | 7815.0 | 8104.0 |
| 7.5° | 3053.8 | 3214.2 | 3471.5 | 3900.8 | 4308.4 | 4811.3 | 5442.8 | 6147.8 | 6958.0 | 7337.2 | 7744.8 |
| 10° | 2143.4 | 2343.8 | 2706.4 | 3058.8 | 3571.7 | 4049.5 | 4672.6 | 5451.1 | 6344.9 | 6792.6 | 7303.8 |
| 12.5° | 1353.2 | 1531.9 | 2011.4 | 2407.3 | 3047.2 | 3601.8 | 4176.5 | 4881.5 | 5917.2 | 6376.6 | 6912.9 |
| 15° | 773.5 | 923.8 | 1147.7 | 1655.6 | 2365.6 | 3098.9 | 3815.6 | 4634.2 | 5698.4 | 6264.7 | 6844.4 |
| 17.5° | 576.4 | 616.4 | 716.7 | 1004.0 | 1650.5 | 2507.6 | 3483.2 | 4559.0 | 5847.1 | 6511.9 | 7173.5 |
| 20° | 484.5 | 511.2 | 558.0 | 671.6 | 1052.5 | 1931.2 | 3159.1 | 4572.4 | 6328.2 | 7163.5 | 7791.6 |
| 22.5° | 434.4 | 451.1 | 489.5 | 563.0 | 718.4 | 1406.6 | 2779.9 | 4650.9 | 6911.2 | 7963.7 | 8688.7 |
| 25° | 380.9 | 402.6 | 436.0 | 499.5 | 598.1 | 975.6 | 2405.6 | 4826.3 | 7728.1 | 8979.4 | 9661.0 |
| 27.5° | 339.1 | 359.2 | 392.6 | 451.1 | 524.6 | 745.1 | 1969.6 | 4976.7 | 8590.2 | 10001.8 | 10559.8 |
| 30° | 297.4 | 317.4 | 350.8 | 397.6 | 464.4 | 603.1 | 1500.2 | 5065.2 | 9427.1 | 10768.6 | 11197.9 |
| 32.5° | 262.3 | 279.0 | 310.7 | 352.5 | 407.6 | 511.2 | 1182.8 | 4973.3 | 10067.0 | 11465.2 | 11752.6 |
| 35° | 227.2 | 247.2 | 274.0 | 312.4 | 360.8 | 436.0 | 984.0 | 4655.9 | 10616.6 | 12181.9 | 12285.5 |
| 37.5° | 190.4 | 213.8 | 242.2 | 277.3 | 315.7 | 400.9 | 790.2 | 4305.1 | 11204.6 | 13075.7 | 12905.3 |
| 40° | 160.4 | 182.1 | 208.8 | 247.2 | 282.3 | 367.5 | 608.1 | 3930.9 | 11839.5 | 13914.3 | 13581.9 |
| 42.5° | 130.3 | 153.7 | 185.4 | 220.5 | 279.0 | 320.8 | 471.1 | 3543.3 | 12409.1 | 14644.4 | 14193.3 |
| 45° | 103.6 | 123.6 | 157.0 | 202.1 | 277.3 | 275.6 | 364.2 | 3160.8 | 12838.5 | 15165.6 | 14649.4 |
| 47.5° | 81.9 | 98.6 | 132.0 | 197.1 | 255.6 | 233.9 | 292.4 | 2923.5 | 13289.5 | 15635.0 | 14998.5 |
| 50° | 65.2 | 81.9 | 113.6 | 205.5 | 223.9 | 200.5 | 245.6 | 2962.0 | 13725.5 | 15873.9 | 15142.2 |
| 52.5° | 55.1 | 71.8 | 98.6 | 162.0 | 172.1 | 175.4 | 215.5 | 3139.0 | 14288.5 | 16129.5 | 15427.9 |
| 55° | 48.4 | 63.5 | 83.5 | 113.6 | 133.6 | 157.0 | 197.1 | 3267.7 | 15042.0 | 16677.5 | 16057.7 |
| 57.5° | 38.4 | 55.1 | 75.2 | 96.9 | 110.3 | 137.0 | 182.1 | 3277.7 | 15723.6 | 17380.8 | 16894.6 |
| 59° | 35.1 | 50.1 | 70.2 | 91.9 | 98.6 | 123.6 | 172.1 | 3192.5 | 15748.6 | 17486.0 | 17278.9 |
| 60° | 31.7 | 48.4 | 66.8 | 85.2 | 93.6 | 116.9 | 163.7 | 3093.9 | 15521.4 | 17319.0 | 17437.6 |
| 62.5° | 26.7 | 41.8 | 58.5 | 68.5 | 80.2 | 96.9 | 142.0 | 2736.4 | 14420.5 | 16562.2 | 17143.6 |
| 65° | 23.4 | 36.8 | 50.1 | 56.8 | 66.8 | 83.5 | 125.3 | 2190.1 | 13204.3 | 15536.5 | 16301.6 |
| 67.5° | 21.7 | 33.4 | 43.4 | 48.4 | 58.5 | 76.8 | 111.9 | 1547.0 | 11629.0 | 14235.1 | 15037.0 |
| 70° | 20.0 | 31.7 | 38.4 | 45.1 | 51.8 | 65.2 | 95.2 | 902.1 | 8957.7 | 11953.1 | 12800.0 |
| 72.5° | 20.0 | 30.1 | 33.4 | 38.4 | 45.1 | 58.5 | 88.5 | 487.8 | 6124.4 | 9118.1 | 10212.3 |
| 75° | 20.0 | 28.4 | 30.1 | 33.4 | 40.1 | 53.5 | 78.5 | 255.6 | 3959.3 | 6334.9 | 7818.3 |
| 77.5° | 20.0 | 26.7 | 30.1 | 31.7 | 38.4 | 46.8 | 68.5 | 160.4 | 2637.9 | 4437.1 | 5284.1 |
| 80° | 21.7 | 26.7 | 28.4 | 31.7 | 36.8 | 43.4 | 56.8 | 106.9 | 1550.3 | 2669.6 | 3215.9 |
| 82.5° | 23.4 | 26.7 | 30.1 | 33.4 | 38.4 | 41.8 | 50.1 | 66.8 | 715.0 | 1765.8 | 1998.0 |
| 85° | 25.1 | 28.4 | 31.7 | 35.1 | 40.1 | 41.8 | 46.8 | 48.4 | 116.9 | 796.9 | 1077.5 |
| 87.5° | 26.7 | 30.1 | 33.4 | 36.8 | 43.4 | 43.4 | 43.4 | 43.4 | 40.1 | 85.2 | 217.2 |
| 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: P453800

CATALOG NUMBER: GLAN-SA4D-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 | 7263.7 |
| 2.5° | 8195.9 | 8384.7 | 8516.7 | 8550.1 | 8454.8 | 8411.4 | 8291.1 | 8104.0 | 7990.4 | 7985.4 |
| 5° | 8636.9 | 9079.6 | 9387.0 | 9438.8 | 9255.1 | 8944.3 | 8575.1 | 8099.0 | 7820.0 | 7736.5 |
| 7.5° | 8561.8 | 9336.9 | 9831.4 | 9903.2 | 9594.2 | 9001.1 | 8286.1 | 7519.3 | 7215.3 | 7086.6 |
| 10° | 8252.7 | 9198.3 | 9904.9 | 10018.5 | 9605.9 | 8770.6 | 7861.8 | 7006.4 | 6628.9 | 6530.3 |
| 12.5° | 7988.7 | 8944.3 | 9572.5 | 9729.5 | 9417.1 | 8583.5 | 7607.9 | 6677.3 | 6273.1 | 6181.2 |
| 15° | 7873.5 | 8643.6 | 9027.9 | 9108.0 | 9056.3 | 8466.5 | 7581.1 | 6627.2 | 6164.5 | 6064.2 |
| 17.5° | 7988.7 | 8388.0 | 8436.5 | 8518.3 | 8633.6 | 8454.8 | 7838.4 | 6899.5 | 6400.0 | 6276.4 |
| 20° | 8291.1 | 8165.8 | 7965.4 | 8000.4 | 8264.4 | 8503.3 | 8296.1 | 7502.6 | 6894.5 | 6762.5 |
| 22.5° | 8805.7 | 8110.7 | 7656.3 | 7626.2 | 7960.3 | 8665.3 | 8967.7 | 8319.5 | 7614.5 | 7484.2 |
| 25° | 9437.1 | 8249.4 | 7542.7 | 7477.5 | 7841.7 | 8902.6 | 9697.8 | 9320.2 | 8550.1 | 8351.3 |
| 27.5° | 10125.4 | 8536.7 | 7542.7 | 7479.2 | 7831.7 | 9113.1 | 10322.6 | 10205.6 | 9519.0 | 9301.8 |
| 30° | 10503.0 | 8773.9 | 7651.3 | 7579.5 | 7955.3 | 9235.0 | 10656.7 | 10992.5 | 10247.4 | 9978.4 |
| 32.5° | 10840.4 | 9103.0 | 7863.5 | 7728.1 | 8214.3 | 9415.4 | 10955.7 | 11660.7 | 10827.1 | 10646.7 |
| 35° | 11151.2 | 9455.5 | 8155.8 | 7998.8 | 8555.1 | 9662.7 | 11286.5 | 12362.3 | 11634.0 | 11361.7 |
| 37.5° | 11493.6 | 9864.8 | 8611.9 | 8478.2 | 9124.7 | 10143.8 | 11679.1 | 13284.5 | 12427.5 | 12085.0 |
| 40° | 11866.2 | 10339.3 | 9362.0 | 9305.2 | 10030.2 | 10688.4 | 12175.2 | 14268.5 | 13333.0 | 12943.7 |
| 42.5° | 12245.4 | 10885.5 | 10280.8 | 10374.3 | 11055.9 | 11451.9 | 12684.8 | 15025.3 | 14074.7 | 13645.4 |
| 45° | 12589.5 | 11583.9 | 11475.3 | 11938.0 | 12252.1 | 12197.0 | 13062.3 | 15558.2 | 14721.2 | 14310.2 |
| 47.5° | 13023.9 | 12601.2 | 12920.3 | 13633.7 | 13642.0 | 13007.2 | 13348.0 | 15994.2 | 15277.5 | 14866.6 |
| 50° | 13510.0 | 13802.4 | 14786.4 | 15513.1 | 15317.6 | 13804.1 | 13682.1 | 16510.4 | 15852.2 | 15523.1 |
| 52.5° | 14073.0 | 15147.2 | 16510.4 | 17317.3 | 16861.2 | 14672.8 | 14238.4 | 17068.4 | 16764.3 | 16448.6 |
| 55° | 14727.9 | 16064.4 | 18229.4 | 18872.6 | 18413.2 | 15752.0 | 15083.7 | 17825.2 | 17795.1 | 17579.6 |
| 57.5° | 15468.0 | 17033.3 | 19225.1 | 20095.5 | 19686.2 | 17018.3 | 16264.8 | 18538.5 | 18424.9 | 18304.6 |
| 59° | 16052.7 | 17531.1 | 19664.5 | 20566.6 | 20319.4 | 17905.4 | 17058.4 | 18982.9 | 18570.2 | 18389.8 |
| 60° | 16406.8 | 17868.6 | 19826.5 | 20630.1 | 20573.3 | 18433.3 | 17561.2 | 19200.1 | 18568.6 | 18318.0 |
| 62.5° | 17457.6 | 18458.3 | 19764.7 | 20347.8 | 20569.9 | 19445.6 | 19036.3 | 19439.0 | 18224.4 | 17856.9 |
| 65° | 17831.8 | 18262.9 | 18740.6 | 18668.8 | 18859.3 | 19393.8 | 19978.6 | 19176.7 | 17489.4 | 16966.5 |
| 67.5° | 17103.5 | 16119.5 | 16288.2 | 15808.8 | 15715.2 | 17242.1 | 19596.0 | 17893.7 | 16051.0 | 15411.2 |
| 70° | 14417.2 | 12349.0 | 12263.8 | 12484.3 | 11879.5 | 13959.4 | 17596.3 | 15422.9 | 13677.1 | 12952.1 |
| 72.5° | 11348.3 | 8727.1 | 8008.8 | 8820.7 | 8802.3 | 10650.0 | 14617.6 | 10944.0 | 9240.0 | 9178.2 |
| 75° | 8924.3 | 6075.9 | 5332.5 | 5464.5 | 5718.4 | 7709.8 | 11642.3 | 6949.6 | 5690.0 | 5185.5 |
| 77.5° | 5990.7 | 4305.1 | 4016.1 | 3854.0 | 4128.0 | 4949.9 | 7365.6 | 3768.8 | 3190.8 | 3022.1 |
| 80° | 3453.1 | 3127.3 | 3551.7 | 3224.2 | 3371.2 | 3119.0 | 3663.6 | 1729.1 | 1435.0 | 1553.6 |
| 82.5° | 2246.9 | 1780.8 | 1897.8 | 1410.0 | 1927.9 | 1944.6 | 1176.1 | 511.2 | 432.7 | 459.4 |
| 85° | 1405.0 | 835.3 | 469.4 | 334.1 | 664.9 | 1222.9 | 367.5 | 31.7 | 36.8 | 31.7 |
| 87.5° | 364.2 | 138.7 | 58.5 | 86.9 | 106.9 | 95.2 | 85.2 | 5.0 | 1.7 | 3.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)