

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: McGRAW-EDISON

Report Number: P533149

Luminaire Tested: **GALN-SA8C-740-U-SLL-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533149
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-23)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA8C-740-U-SLL-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH BLACK GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31385 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

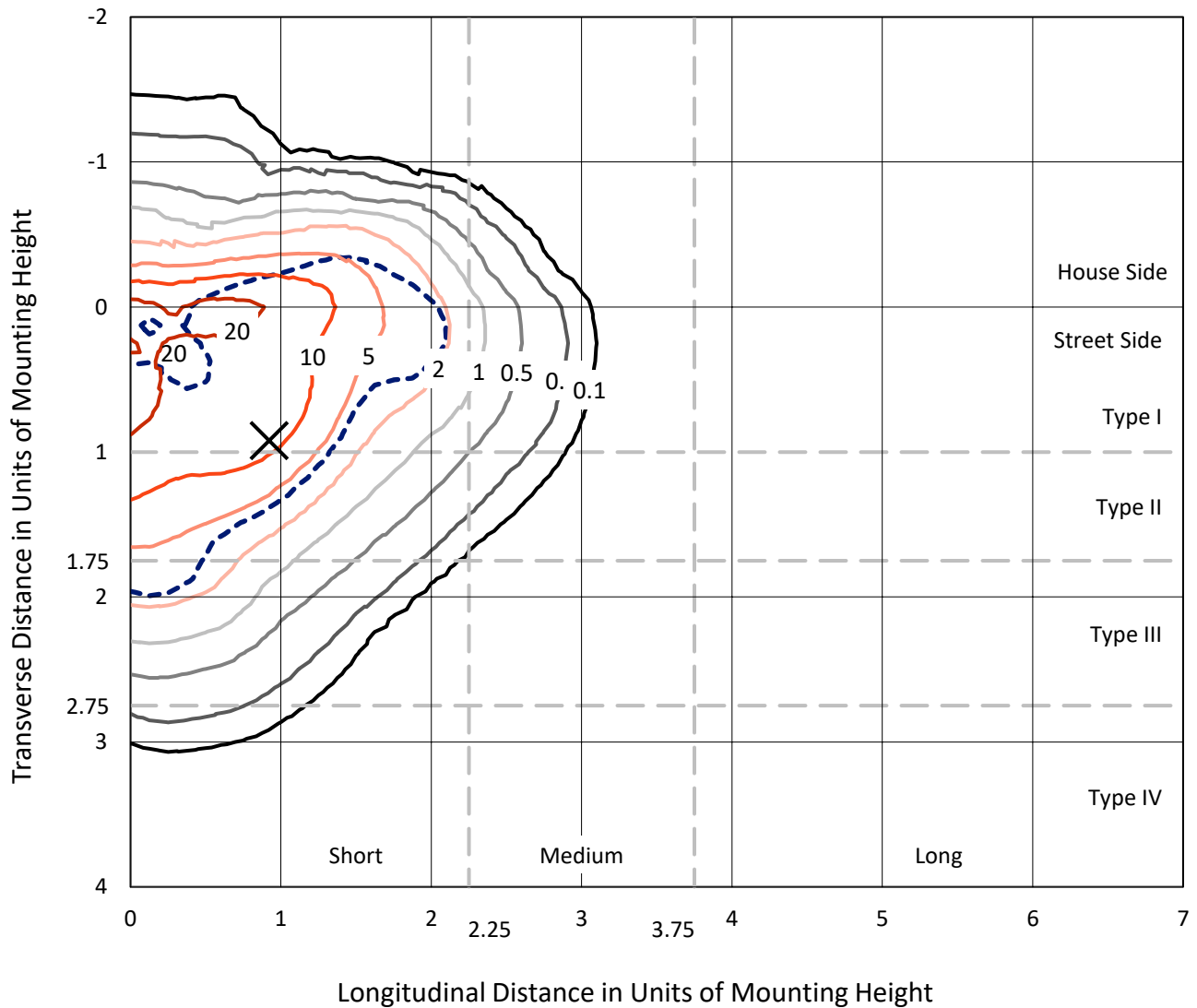
Input Watts (W): 429
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P533149
 CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

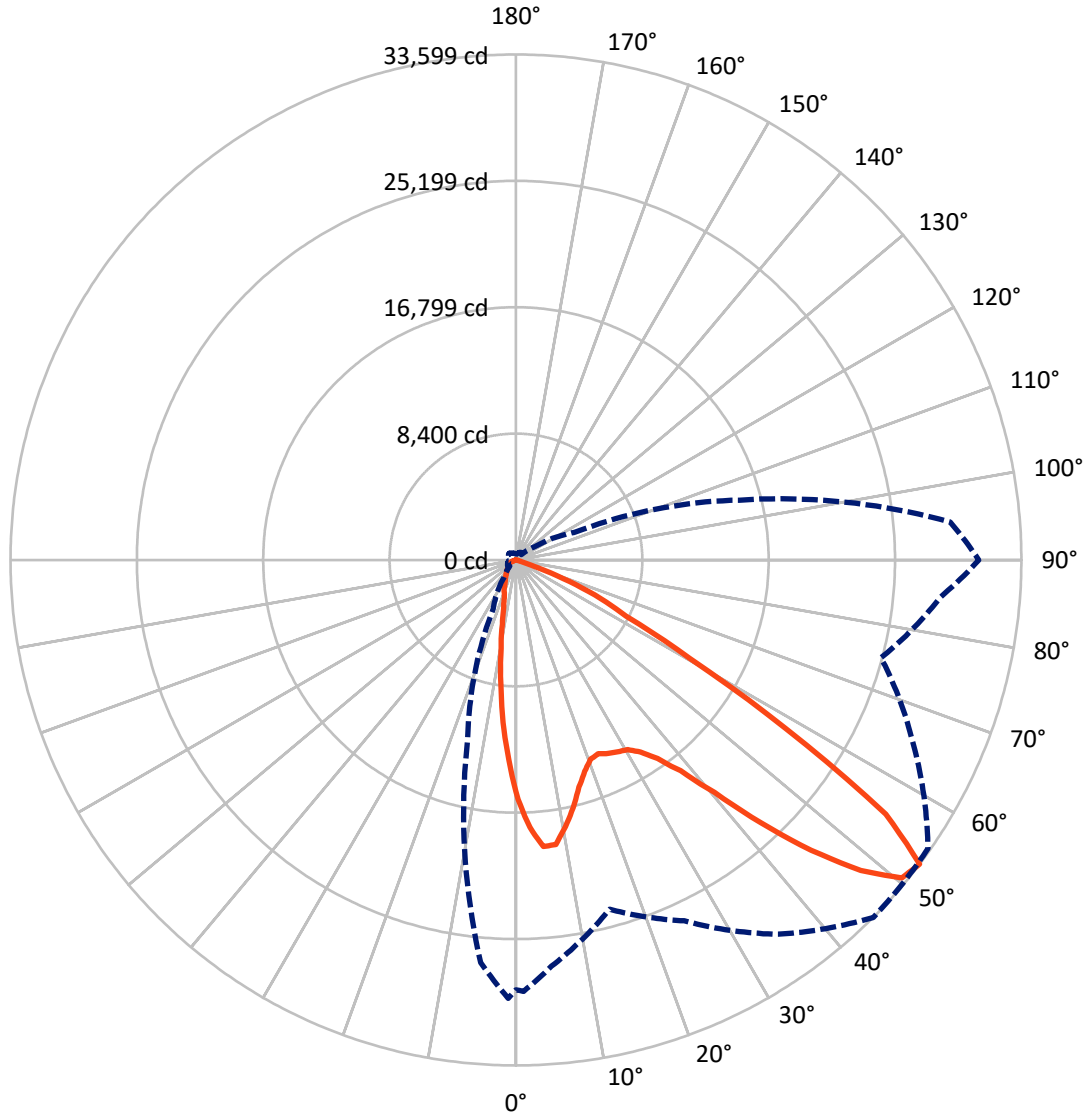
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.5 fc
 Type III - Short - N/A

REPORT NUMBER: P533149
CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P533149
 CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

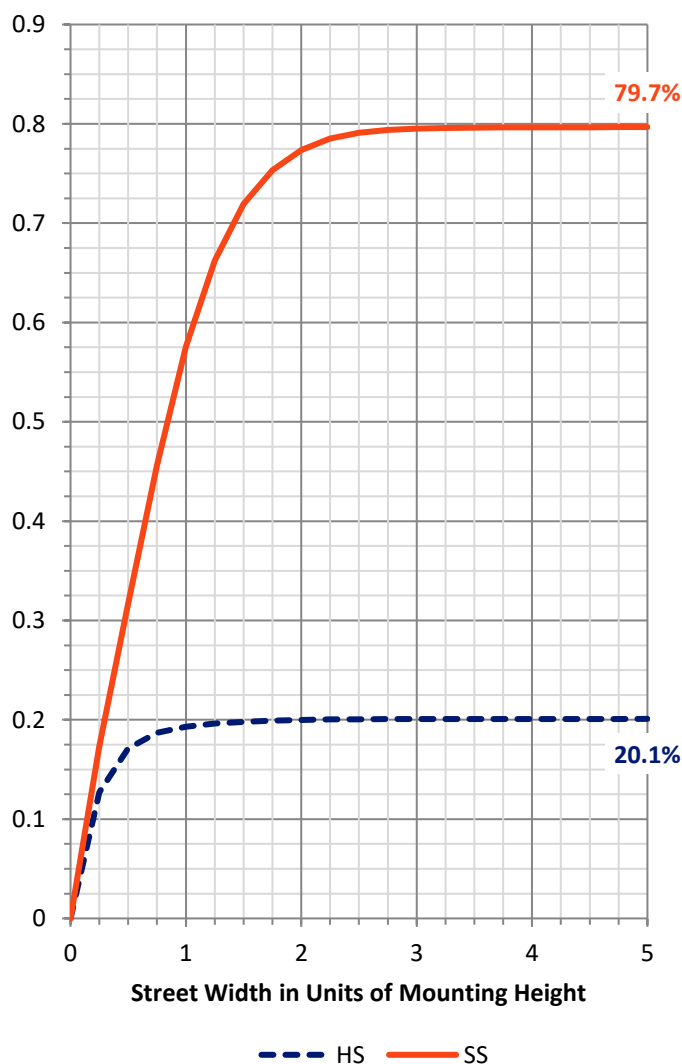
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 6369.6 | 0.0 | 6369.6 |
| | % Fixture | 20.3 | 0.0 | 20.3 |
| Street Side | Lumens | 25015.4 | 0.0 | 25015.4 |
| | % Fixture | 79.7 | 0.0 | 79.7 |
| Total | Lumens | 31385.0 | 0.0 | 31385.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 1160.6 | 3.7 |
| 10°-20° | 2289.7 | 7.3 |
| 20°-30° | 3484.6 | 11.1 |
| 30°-40° | 5208.1 | 16.6 |
| 40°-50° | 7416.9 | 23.6 |
| 50°-60° | 7972.9 | 25.4 |
| 60°-70° | 3533.0 | 11.3 |
| 70°-80° | 285.8 | 0.9 |
| 80°-90° | 33.3 | 0.1 |
| 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° | 31385.0 | 100.0 |
| 0°-180° | 31385.0 | 100.0 |

Coefficient of Utilization



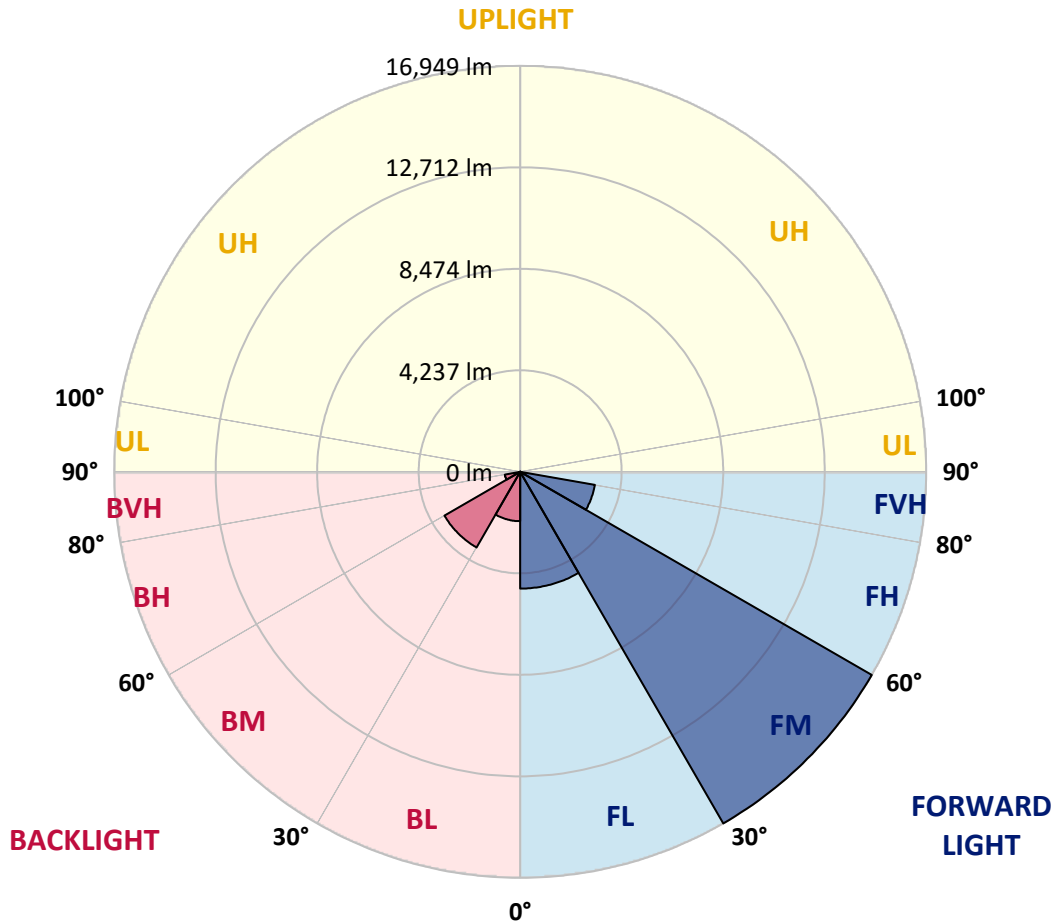
REPORT NUMBER: P533149
 CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 4874.7 | 15.5 | | | |
| FM (30°-60°) | 16948.9 | 54.0 | | | |
| FH (60°-80°) | 3167.1 | 10.1 | | | G2/5000 |
| FVH (80°-90°) | 24.7 | 0.1 | | | G1/100 |
| BL (0°-30°) | 2060.2 | 6.6 | B3/2500 | | |
| BM (30°-60°) | 3649.1 | 11.6 | B3/5000 | | |
| BH (60°-80°) | 651.7 | 2.1 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 8.6 | 0.0 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G2

Type III Short





REPORT NUMBER: P533149

CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 |
| 2.5° | 16839.6 | 16889.0 | 17160.6 | 17500.1 | 17679.1 | 18086.5 | 17802.6 | 17876.6 | 17722.3 | 17179.1 | 16753.2 |
| 5° | 16327.2 | 16321.1 | 16666.7 | 17506.3 | 18302.6 | 19111.2 | 19135.9 | 18703.8 | 17944.5 | 17111.2 | 15919.8 |
| 7.5° | 14784.0 | 15024.8 | 15382.8 | 16722.3 | 18197.6 | 18802.6 | 19092.7 | 18586.5 | 17419.8 | 16228.5 | 14938.3 |
| 10° | 13617.3 | 13740.8 | 14345.7 | 15963.0 | 17043.3 | 17851.9 | 18030.9 | 17740.8 | 16845.8 | 15358.1 | 13913.6 |
| 12.5° | 12944.5 | 13006.2 | 13716.1 | 15074.1 | 16216.1 | 16814.9 | 16901.3 | 17037.1 | 16395.1 | 15000.1 | 13265.5 |
| 15° | 12950.7 | 13000.1 | 13956.9 | 15092.7 | 15543.3 | 15382.8 | 15666.7 | 15660.6 | 15938.3 | 14932.2 | 13808.7 |
| 17.5° | 13882.8 | 13938.3 | 14802.5 | 15364.3 | 15166.7 | 14790.2 | 14771.7 | 15055.6 | 15642.0 | 15777.9 | 14629.7 |
| 20° | 15487.7 | 15617.4 | 16253.2 | 16222.3 | 15111.2 | 14351.9 | 14142.0 | 14358.1 | 15722.3 | 16493.9 | 16284.0 |
| 22.5° | 17648.2 | 17827.2 | 18271.7 | 17419.8 | 15364.3 | 14055.6 | 13987.7 | 14407.5 | 16253.2 | 18092.7 | 18160.6 |
| 25° | 20154.4 | 20456.9 | 20672.9 | 19580.3 | 16265.5 | 14568.0 | 14247.0 | 14969.2 | 16969.2 | 19827.3 | 20549.5 |
| 27.5° | 21814.9 | 22129.7 | 22080.3 | 20518.6 | 16870.4 | 14703.8 | 14432.2 | 15105.0 | 17592.7 | 20240.8 | 21796.4 |
| 30° | 23111.2 | 23302.6 | 23648.3 | 21024.8 | 17475.4 | 15086.5 | 14623.5 | 15679.1 | 17796.4 | 20956.9 | 23302.6 |
| 32.5° | 24623.6 | 24753.2 | 24777.9 | 21919.9 | 18407.5 | 15568.0 | 15216.1 | 16395.1 | 18697.6 | 21642.1 | 24635.9 |
| 35° | 26148.3 | 26339.6 | 25938.4 | 23024.8 | 18981.6 | 16463.0 | 16203.8 | 17635.9 | 19419.8 | 22352.0 | 26105.1 |
| 37.5° | 27802.6 | 27901.4 | 26975.4 | 23481.6 | 19802.6 | 17919.8 | 17777.9 | 18975.4 | 20672.9 | 23635.9 | 27734.7 |
| 40° | 29191.5 | 29284.1 | 28080.4 | 24043.3 | 20666.8 | 19956.9 | 20321.1 | 21531.0 | 22376.6 | 24469.2 | 28549.5 |
| 42.5° | 29963.1 | 30179.2 | 28450.7 | 23734.7 | 22401.3 | 22265.5 | 23882.8 | 24308.8 | 24352.0 | 24703.8 | 29277.9 |
| 45° | 30173.0 | 30074.2 | 27839.6 | 23987.8 | 23919.9 | 26061.8 | 27531.0 | 28092.7 | 26314.9 | 25135.9 | 29463.1 |
| 47.5° | 29203.8 | 29333.5 | 26938.4 | 23765.5 | 25913.7 | 28938.4 | 30839.6 | 31882.9 | 27777.9 | 24759.4 | 29006.3 |
| 50° | 28419.9 | 28253.2 | 26648.3 | 23605.0 | 26450.7 | 30296.4 | 33228.5 | 33463.1 | 29123.6 | 25222.3 | 28506.3 |
| 52.5° | 28574.2 | 28679.1 | 27111.2 | 24031.0 | 26463.1 | 30376.7 | 33598.9 | 33438.4 | 29166.8 | 25117.4 | 28327.3 |
| 55° | 28901.4 | 28438.4 | 26913.7 | 23092.7 | 24691.5 | 28135.9 | 29821.1 | 29574.2 | 26919.9 | 24000.1 | 27889.0 |
| 57.5° | 24938.4 | 25654.4 | 24747.0 | 20617.4 | 20265.5 | 21197.6 | 21166.8 | 21926.0 | 20080.3 | 20654.4 | 25389.0 |
| 60° | 20240.8 | 20364.3 | 20703.8 | 17635.9 | 14024.8 | 13703.8 | 13259.3 | 12777.8 | 13512.4 | 17660.6 | 23092.7 |
| 62.5° | 17802.6 | 17654.4 | 18864.3 | 16043.3 | 9901.3 | 8290.2 | 8216.1 | 8512.4 | 10426.0 | 16845.8 | 21660.6 |
| 65° | 12938.3 | 13123.5 | 14000.1 | 12450.7 | 7432.1 | 6327.2 | 6216.1 | 7092.6 | 8438.3 | 13500.1 | 16530.9 |
| 67.5° | 7901.3 | 8259.3 | 8339.5 | 7679.0 | 5043.2 | 4006.2 | 3845.7 | 4642.0 | 6092.6 | 8734.6 | 9691.4 |
| 70° | 3648.2 | 4080.3 | 4487.7 | 4191.4 | 2919.8 | 1648.2 | 1555.6 | 1950.6 | 3074.1 | 5024.7 | 5142.0 |
| 72.5° | 1104.9 | 1111.1 | 1555.6 | 1623.5 | 944.4 | 370.4 | 327.2 | 432.1 | 1043.2 | 1660.5 | 1746.9 |
| 75° | 80.2 | 86.4 | 209.9 | 240.7 | 179.0 | 92.6 | 98.8 | 117.3 | 222.2 | 370.4 | 277.8 |
| 77.5° | 6.2 | 6.2 | 6.2 | 30.9 | 55.6 | 61.7 | 80.2 | 92.6 | 117.3 | 135.8 | 123.5 |
| 80° | 6.2 | 0.0 | 6.2 | 24.7 | 43.2 | 61.7 | 74.1 | 86.4 | 92.6 | 104.9 | 92.6 |
| 82.5° | 0.0 | 0.0 | 0.0 | 18.5 | 43.2 | 61.7 | 67.9 | 92.6 | 104.9 | 123.5 | 104.9 |
| 85° | 0.0 | 0.0 | 0.0 | 18.5 | 43.2 | 67.9 | 61.7 | 30.9 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 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: P533149

CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 |
| 2.5° | 16827.2 | 16586.5 | 16037.1 | 15759.3 | 15105.0 | 15012.4 | 14370.4 | 14265.5 | 14049.4 | 13932.2 | 13648.2 |
| 5° | 15395.1 | 15105.0 | 14209.9 | 13456.9 | 12580.3 | 11969.2 | 11500.1 | 11074.1 | 10827.2 | 10598.8 | 10703.8 |
| 7.5° | 14228.5 | 13382.8 | 12388.9 | 11129.7 | 10117.3 | 9463.0 | 8747.0 | 8160.5 | 7814.9 | 7580.3 | 7635.8 |
| 10° | 13006.2 | 12456.8 | 11074.1 | 9660.5 | 8438.3 | 7975.3 | 7413.6 | 6963.0 | 6475.3 | 6055.6 | 5858.1 |
| 12.5° | 12623.5 | 11808.7 | 10074.1 | 8635.8 | 7709.9 | 7259.3 | 6617.3 | 6098.8 | 5475.3 | 4963.0 | 4784.0 |
| 15° | 12691.4 | 11907.5 | 9802.5 | 8265.5 | 7172.9 | 6395.1 | 5629.7 | 4987.7 | 4302.5 | 3944.5 | 3759.3 |
| 17.5° | 13796.4 | 12438.3 | 9981.5 | 7876.6 | 6426.0 | 5345.7 | 4401.3 | 3586.4 | 3074.1 | 2703.7 | 2623.5 |
| 20° | 15154.4 | 13586.5 | 10364.2 | 7592.6 | 5814.8 | 4253.1 | 3216.1 | 2512.4 | 2086.4 | 2024.7 | 2006.2 |
| 22.5° | 17142.1 | 15463.0 | 11185.2 | 7401.3 | 5067.9 | 3314.8 | 2203.7 | 1827.2 | 1709.9 | 1697.5 | 1703.7 |
| 25° | 19919.8 | 17814.9 | 12080.3 | 7240.8 | 4506.2 | 2555.6 | 1802.5 | 1549.4 | 1512.4 | 1493.8 | 1524.7 |
| 27.5° | 21123.6 | 19234.7 | 12555.6 | 6895.1 | 3993.8 | 2302.5 | 1777.8 | 1537.0 | 1432.1 | 1401.2 | 1419.8 |
| 30° | 22611.2 | 20179.1 | 13302.5 | 6302.5 | 3240.8 | 1895.1 | 1660.5 | 1672.8 | 1623.5 | 1469.1 | 1419.8 |
| 32.5° | 24586.5 | 21358.1 | 13679.1 | 5882.7 | 2895.1 | 1567.9 | 1216.1 | 1117.3 | 1246.9 | 1271.6 | 1314.8 |
| 35° | 25852.0 | 22555.7 | 13870.4 | 5635.8 | 2716.1 | 1339.5 | 1030.9 | 938.3 | 907.4 | 913.6 | 938.3 |
| 37.5° | 28203.8 | 24173.0 | 14111.2 | 5376.6 | 2580.3 | 1166.7 | 932.1 | 845.7 | 802.5 | 802.5 | 827.2 |
| 40° | 29611.2 | 25456.9 | 14438.3 | 5234.6 | 2444.5 | 1061.7 | 845.7 | 771.6 | 734.6 | 734.6 | 746.9 |
| 42.5° | 29963.1 | 26092.7 | 14327.2 | 5185.2 | 2290.1 | 1037.0 | 771.6 | 716.1 | 672.8 | 666.7 | 660.5 |
| 45° | 30592.7 | 27061.9 | 14345.7 | 5129.7 | 2129.6 | 944.4 | 728.4 | 666.7 | 604.9 | 598.8 | 592.6 |
| 47.5° | 31284.1 | 27759.4 | 14382.8 | 4913.6 | 1975.3 | 790.1 | 759.3 | 617.3 | 543.2 | 530.9 | 530.9 |
| 50° | 30691.5 | 28314.9 | 14703.8 | 4697.6 | 1777.8 | 642.0 | 746.9 | 580.2 | 481.5 | 463.0 | 469.1 |
| 52.5° | 30765.6 | 28969.3 | 15382.8 | 4395.1 | 1530.9 | 512.3 | 604.9 | 549.4 | 438.3 | 407.4 | 413.6 |
| 55° | 29580.4 | 28277.9 | 15475.4 | 4074.1 | 1197.5 | 395.1 | 463.0 | 481.5 | 370.4 | 358.0 | 358.0 |
| 57.5° | 25463.1 | 23944.6 | 13654.4 | 3302.5 | 790.1 | 327.2 | 333.3 | 419.8 | 321.0 | 308.6 | 314.8 |
| 60° | 21790.2 | 19222.3 | 10987.7 | 2179.0 | 493.8 | 259.3 | 240.7 | 425.9 | 284.0 | 277.8 | 296.3 |
| 62.5° | 19864.3 | 15796.4 | 8333.4 | 1351.9 | 339.5 | 197.5 | 166.7 | 345.7 | 246.9 | 246.9 | 271.6 |
| 65° | 14351.9 | 10611.2 | 4845.7 | 709.9 | 240.7 | 154.3 | 123.5 | 197.5 | 203.7 | 209.9 | 222.2 |
| 67.5° | 8888.9 | 5358.0 | 2043.2 | 345.7 | 160.5 | 104.9 | 80.2 | 123.5 | 135.8 | 135.8 | 148.1 |
| 70° | 4388.9 | 2135.8 | 679.0 | 197.5 | 123.5 | 86.4 | 55.6 | 67.9 | 67.9 | 61.7 | 67.9 |
| 72.5° | 1358.0 | 642.0 | 172.8 | 123.5 | 86.4 | 55.6 | 30.9 | 24.7 | 12.3 | 0.0 | 6.2 |
| 75° | 154.3 | 123.5 | 111.1 | 86.4 | 55.6 | 24.7 | 6.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 92.6 | 104.9 | 104.9 | 86.4 | 55.6 | 18.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 74.1 | 80.2 | 86.4 | 80.2 | 49.4 | 24.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 92.6 | 104.9 | 117.3 | 104.9 | 67.9 | 30.9 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 | 6.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 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: P533149

CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 |
| 2.5° | 13530.9 | 13395.1 | 13586.5 | 13302.5 | 13296.4 | 13302.5 | 13222.3 | 13148.2 | 13265.5 | 13580.3 | 13611.2 |
| 5° | 10327.2 | 10617.3 | 10709.9 | 11012.4 | 10845.7 | 10598.8 | 10648.2 | 10481.5 | 10888.9 | 11068.0 | 10926.0 |
| 7.5° | 7518.6 | 7500.0 | 8123.5 | 8160.5 | 8240.8 | 8247.0 | 8234.6 | 7907.4 | 7574.1 | 7648.2 | 7870.4 |
| 10° | 5833.4 | 5518.5 | 5821.0 | 5790.2 | 5987.7 | 5932.1 | 6012.4 | 5660.5 | 5777.8 | 5777.8 | 5919.8 |
| 12.5° | 4753.1 | 4419.8 | 4364.2 | 4284.0 | 4364.2 | 4395.1 | 4425.9 | 4358.0 | 4555.6 | 4648.2 | 4746.9 |
| 15° | 3629.6 | 3444.5 | 3395.1 | 3240.8 | 3265.4 | 3351.9 | 3425.9 | 3456.8 | 3395.1 | 3537.1 | 3549.4 |
| 17.5° | 2635.8 | 2629.6 | 2660.5 | 2654.3 | 2629.6 | 2611.1 | 2605.0 | 2524.7 | 2500.0 | 2512.4 | 2561.7 |
| 20° | 2000.0 | 2049.4 | 2154.3 | 2259.3 | 2314.8 | 2246.9 | 2154.3 | 2018.5 | 1963.0 | 1975.3 | 1981.5 |
| 22.5° | 1709.9 | 1784.0 | 1925.9 | 2043.2 | 2098.8 | 1975.3 | 1808.7 | 1691.4 | 1666.7 | 1660.5 | 1654.3 |
| 25° | 1549.4 | 1635.8 | 1740.7 | 1777.8 | 1771.6 | 1697.5 | 1574.1 | 1524.7 | 1512.4 | 1500.0 | 1444.5 |
| 27.5° | 1463.0 | 1493.8 | 1512.4 | 1555.6 | 1574.1 | 1524.7 | 1493.8 | 1419.8 | 1407.4 | 1407.4 | 1370.4 |
| 30° | 1413.6 | 1395.1 | 1419.8 | 1388.9 | 1413.6 | 1376.5 | 1382.7 | 1382.7 | 1351.9 | 1364.2 | 1364.2 |
| 32.5° | 1314.8 | 1321.0 | 1321.0 | 1259.3 | 1277.8 | 1234.6 | 1277.8 | 1314.8 | 1321.0 | 1327.2 | 1376.5 |
| 35° | 963.0 | 1074.1 | 1129.6 | 1129.6 | 1148.2 | 1117.3 | 1111.1 | 1067.9 | 1012.4 | 956.8 | 932.1 |
| 37.5° | 845.7 | 888.9 | 963.0 | 1006.2 | 1037.0 | 1012.4 | 956.8 | 888.9 | 858.0 | 833.3 | 808.6 |
| 40° | 753.1 | 790.1 | 839.5 | 888.9 | 950.6 | 919.8 | 833.3 | 802.5 | 765.4 | 765.4 | 740.7 |
| 42.5° | 679.0 | 697.5 | 728.4 | 802.5 | 870.4 | 808.6 | 746.9 | 722.2 | 703.7 | 697.5 | 691.4 |
| 45° | 611.1 | 617.3 | 648.2 | 709.9 | 790.1 | 728.4 | 666.7 | 635.8 | 642.0 | 648.2 | 642.0 |
| 47.5° | 549.4 | 561.7 | 580.2 | 654.3 | 703.7 | 672.8 | 604.9 | 586.4 | 586.4 | 586.4 | 592.6 |
| 50° | 475.3 | 506.2 | 543.2 | 604.9 | 642.0 | 623.5 | 567.9 | 543.2 | 530.9 | 530.9 | 537.0 |
| 52.5° | 425.9 | 450.6 | 500.0 | 574.1 | 623.5 | 592.6 | 537.0 | 500.0 | 475.3 | 469.1 | 481.5 |
| 55° | 370.4 | 413.6 | 493.8 | 549.4 | 617.3 | 586.4 | 524.7 | 481.5 | 438.3 | 432.1 | 432.1 |
| 57.5° | 333.3 | 401.2 | 475.3 | 543.2 | 598.8 | 574.1 | 524.7 | 469.1 | 413.6 | 407.4 | 407.4 |
| 60° | 314.8 | 388.9 | 463.0 | 524.7 | 598.8 | 561.7 | 518.5 | 456.8 | 395.1 | 395.1 | 388.9 |
| 62.5° | 296.3 | 364.2 | 438.3 | 500.0 | 574.1 | 543.2 | 500.0 | 438.3 | 376.5 | 376.5 | 364.2 |
| 65° | 246.9 | 314.8 | 364.2 | 419.8 | 500.0 | 469.1 | 425.9 | 382.7 | 333.3 | 321.0 | 327.2 |
| 67.5° | 172.8 | 216.1 | 265.4 | 321.0 | 370.4 | 358.0 | 339.5 | 308.6 | 265.4 | 259.3 | 253.1 |
| 70° | 86.4 | 117.3 | 160.5 | 216.1 | 259.3 | 246.9 | 234.6 | 209.9 | 185.2 | 179.0 | 179.0 |
| 72.5° | 12.3 | 37.0 | 67.9 | 98.8 | 135.8 | 142.0 | 135.8 | 129.6 | 123.5 | 117.3 | 123.5 |
| 75° | 0.0 | 0.0 | 0.0 | 24.7 | 55.6 | 67.9 | 80.2 | 92.6 | 92.6 | 80.2 | 98.8 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 6.2 | 30.9 | 61.7 | 80.2 | 98.8 | 86.4 | 117.3 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 6.2 | 37.0 | 61.7 | 86.4 | 98.8 | 86.4 | 123.5 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 6.2 | 43.2 | 61.7 | 80.2 | 92.6 | 86.4 | 111.1 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 | 37.0 | 24.7 | 12.3 | 6.2 | 6.2 | 18.5 |
| 87.5° | 0.0 | 0.0 | 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: P533149

CATALOG NUMBER: GALN-SA8C-740-U-SLL-GRSBK

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 | 15913.7 |
| 2.5° | 13784.0 | 14222.3 | 14691.4 | 14870.4 | 15426.0 | 15845.8 | 16129.7 | 16740.8 | 16833.4 | 16839.6 |
| 5° | 11074.1 | 11296.3 | 12098.8 | 12475.4 | 13302.5 | 13944.5 | 14629.7 | 15617.4 | 16277.9 | 16327.2 |
| 7.5° | 7870.4 | 8487.7 | 8827.2 | 9808.7 | 10827.2 | 11833.4 | 12851.9 | 14000.1 | 14765.5 | 14784.0 |
| 10° | 6333.4 | 6734.6 | 7339.5 | 8074.1 | 8932.1 | 9956.8 | 11314.9 | 12648.2 | 13426.0 | 13617.3 |
| 12.5° | 5098.8 | 5802.5 | 6493.9 | 7253.1 | 7907.4 | 8679.1 | 10142.0 | 11919.8 | 12561.8 | 12944.5 |
| 15° | 3925.9 | 4567.9 | 5382.7 | 6271.6 | 7012.4 | 8043.2 | 9709.9 | 11740.8 | 12821.0 | 12950.7 |
| 17.5° | 2895.1 | 3469.2 | 4222.2 | 5061.8 | 6172.9 | 7635.8 | 9784.0 | 12648.2 | 13666.7 | 13882.8 |
| 20° | 2080.3 | 2413.6 | 3006.2 | 3981.5 | 5395.1 | 7160.5 | 9858.1 | 13568.0 | 15117.4 | 15487.7 |
| 22.5° | 1648.2 | 1784.0 | 2172.8 | 3037.1 | 4524.7 | 6660.5 | 10382.8 | 15327.2 | 17111.2 | 17648.2 |
| 25° | 1432.1 | 1506.2 | 1691.4 | 2395.1 | 3975.3 | 6611.1 | 11222.3 | 17438.4 | 19765.5 | 20154.4 |
| 27.5° | 1382.7 | 1395.1 | 1555.6 | 2197.5 | 3679.0 | 6284.0 | 11543.3 | 18938.4 | 21419.9 | 21814.9 |
| 30° | 1456.8 | 1654.3 | 1666.7 | 1858.0 | 3129.6 | 5635.8 | 11709.9 | 20389.0 | 22821.1 | 23111.2 |
| 32.5° | 1259.3 | 1197.5 | 1240.7 | 1438.3 | 2753.1 | 5259.3 | 12024.7 | 21654.4 | 24419.9 | 24623.6 |
| 35° | 876.5 | 919.8 | 1018.5 | 1246.9 | 2407.4 | 4864.2 | 12105.0 | 23049.5 | 25938.4 | 26148.3 |
| 37.5° | 808.6 | 833.3 | 913.6 | 1061.7 | 2117.3 | 4642.0 | 11993.9 | 24068.0 | 27512.5 | 27802.6 |
| 40° | 753.1 | 784.0 | 827.2 | 963.0 | 1901.2 | 4395.1 | 11839.6 | 24987.8 | 28475.4 | 29191.5 |
| 42.5° | 709.9 | 734.6 | 771.6 | 919.8 | 1716.1 | 4148.2 | 11623.5 | 26284.1 | 29339.6 | 29963.1 |
| 45° | 660.5 | 697.5 | 740.7 | 895.1 | 1611.1 | 3981.5 | 11463.0 | 26203.8 | 29839.6 | 30173.0 |
| 47.5° | 611.1 | 672.8 | 722.2 | 833.3 | 1580.3 | 3901.3 | 11530.9 | 25901.4 | 29432.2 | 29203.8 |
| 50° | 561.7 | 642.0 | 728.4 | 691.4 | 1506.2 | 3740.8 | 11611.2 | 26314.9 | 28463.1 | 28419.9 |
| 52.5° | 518.5 | 611.1 | 679.0 | 567.9 | 1339.5 | 3586.4 | 12388.9 | 26858.1 | 29148.3 | 28574.2 |
| 55° | 456.8 | 549.4 | 543.2 | 456.8 | 1086.4 | 3469.2 | 13000.1 | 26870.5 | 28685.3 | 28901.4 |
| 57.5° | 413.6 | 487.7 | 425.9 | 382.7 | 802.5 | 2901.2 | 12006.2 | 22531.0 | 24555.7 | 24938.4 |
| 60° | 382.7 | 475.3 | 321.0 | 302.5 | 524.7 | 2092.6 | 10481.5 | 17450.7 | 19518.6 | 20240.8 |
| 62.5° | 351.9 | 450.6 | 253.1 | 246.9 | 364.2 | 1487.7 | 8617.3 | 14605.0 | 16821.1 | 17802.6 |
| 65° | 308.6 | 321.0 | 203.7 | 191.4 | 259.3 | 802.5 | 5246.9 | 10055.6 | 12574.1 | 12938.3 |
| 67.5° | 253.1 | 246.9 | 166.7 | 154.3 | 172.8 | 388.9 | 2314.8 | 5037.1 | 7290.2 | 7901.3 |
| 70° | 203.7 | 203.7 | 142.0 | 123.5 | 123.5 | 179.0 | 604.9 | 2006.2 | 3296.3 | 3648.2 |
| 72.5° | 148.1 | 154.3 | 111.1 | 98.8 | 92.6 | 86.4 | 98.8 | 401.2 | 864.2 | 1104.9 |
| 75° | 129.6 | 135.8 | 111.1 | 86.4 | 67.9 | 55.6 | 43.2 | 37.0 | 49.4 | 80.2 |
| 77.5° | 142.0 | 142.0 | 117.3 | 80.2 | 61.7 | 43.2 | 24.7 | 12.3 | 12.3 | 6.2 |
| 80° | 179.0 | 185.2 | 154.3 | 104.9 | 74.1 | 49.4 | 30.9 | 12.3 | 6.2 | 6.2 |
| 82.5° | 191.4 | 209.9 | 172.8 | 129.6 | 92.6 | 55.6 | 30.9 | 6.2 | 0.0 | 0.0 |
| 85° | 49.4 | 80.2 | 135.8 | 117.3 | 92.6 | 55.6 | 30.9 | 6.2 | 0.0 | 0.0 |
| 87.5° | 0.0 | 6.2 | 18.5 | 18.5 | 24.7 | 24.7 | 18.5 | 6.2 | 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 |

(END OF REPORT)