

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: INVUE

Report Number: NO. NITE 124-01

Luminaire Tested:

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: NO. NITE 124-01
LUMINARIO PARA ALUMB. PÚBLICO TIPO OV, MCA. COOPER LIGHTING, MOD. EVA,
Test Lab:
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number:
Description:
Light Source: -
Ballast/Driver: -

Summary

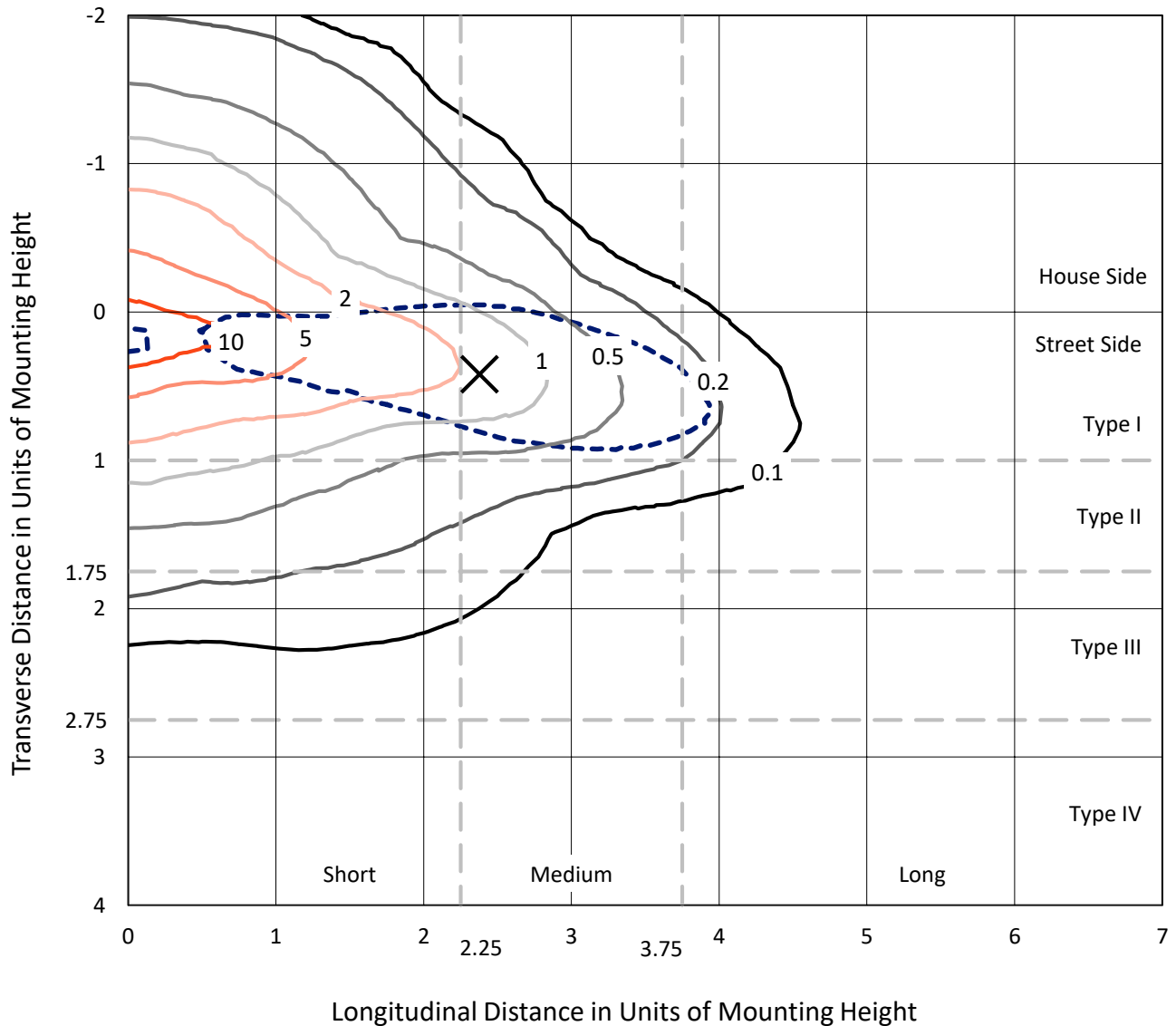
Lumens per Lamp: 16500 (1 lamp)
Luminaire Lumens: 14004.2 lumens
Efficiency: 84.9%
Efficacy: 100.0 lumens/watt
Luminous Opening: Point Source (0' x 0' x 0')
IES Classification: Type I - Medium - Semi-Cutoff
BUG Rating: B3 - U1 - G2

Input Watts (W): 140
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: 25 FT

REPORT NUMBER: NO. NITE 124-01
 CATALOG NUMBER:

Iso-Footcandle Lines of Horizontal Illumination

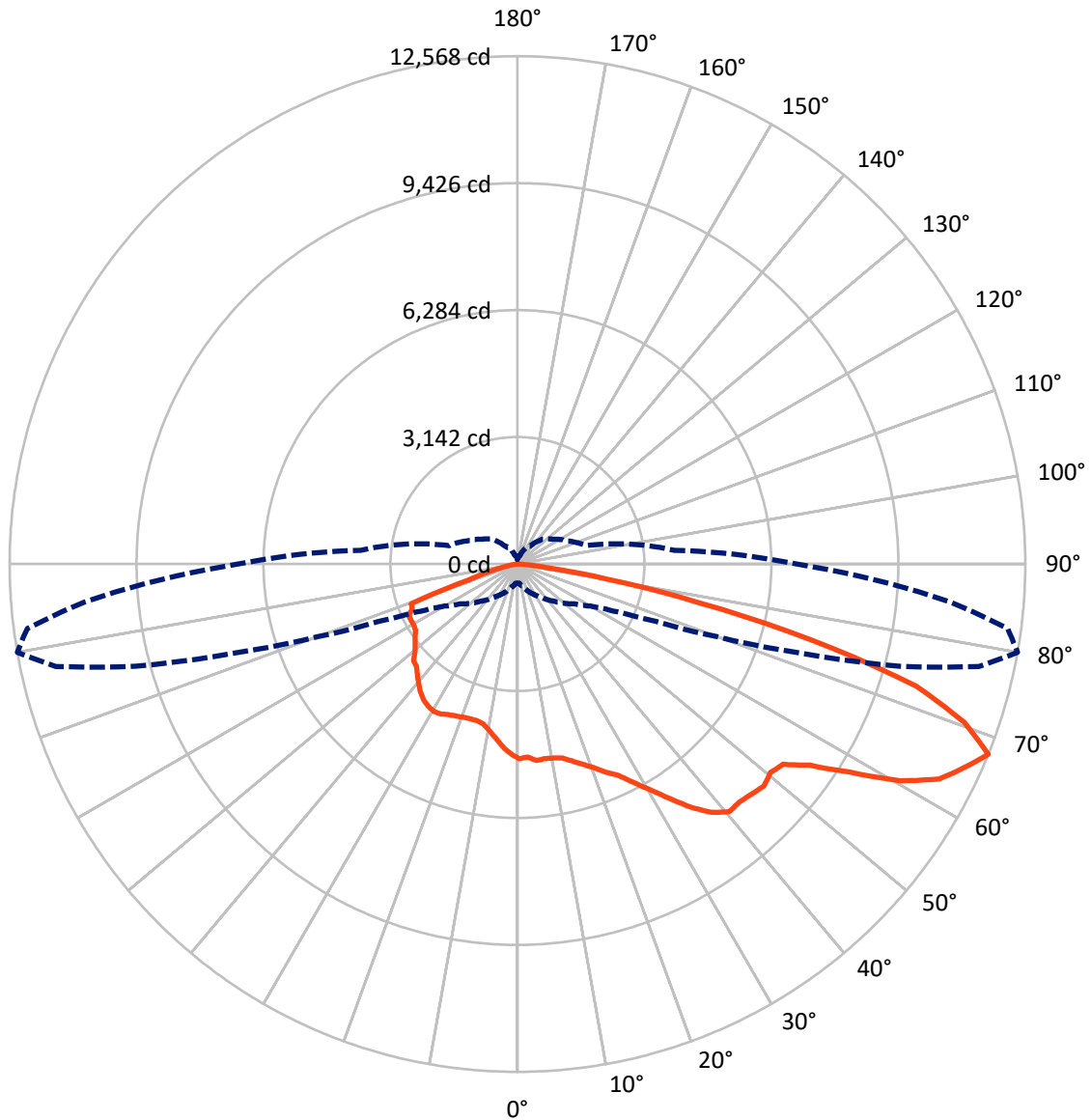
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 15.7 fc
 Type I - Medium - Semi-Cutoff

REPORT NUMBER: NO. NITE 124-01
CATALOG NUMBER:

Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: NO. NITE 124-01
 CATALOG NUMBER:

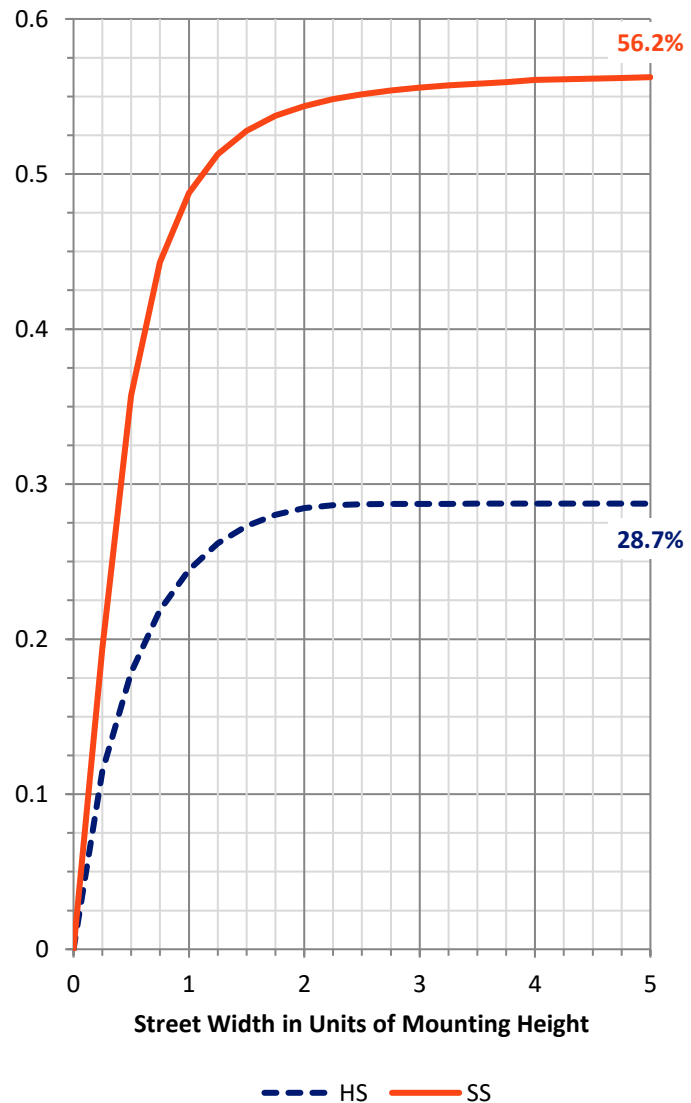
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|--------|----------|--------|---------|
| House Side | Lumens | 4770.3 | 0.0 | 4770.3 |
| | % Lamp | 28.9 | 0.0 | 28.9 |
| Street Side | Lumens | 9232.3 | 1.6 | 9233.9 |
| | % Lamp | 56.0 | 0.0 | 56.0 |
| Total | Lumens | 14002.6 | 1.6 | 14004.2 |
| | % Lamp | 84.9 | 0.0 | 84.9 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture | % Lamp |
|-----------|---------|-----------|--------|
| 0°-10° | 461.2 | 3.3 | 2.8 |
| 10°-20° | 1295.3 | 9.2 | 7.9 |
| 20°-30° | 1794.5 | 12.8 | 10.9 |
| 30°-40° | 2159.3 | 15.4 | 13.1 |
| 40°-50° | 2334.6 | 16.7 | 14.1 |
| 50°-60° | 2396.8 | 17.1 | 14.5 |
| 60°-70° | 2347.9 | 16.8 | 14.2 |
| 70°-80° | 1133.9 | 8.1 | 6.9 |
| 80°-90° | 79.2 | 0.6 | 0.5 |
| 90°-100° | 0.7 | 0.0 | 0.0 |
| 100°-110° | 0.2 | 0.0 | 0.0 |
| 110°-120° | 0.2 | 0.0 | 0.0 |
| 120°-130° | 0.1 | 0.0 | 0.0 |
| 130°-140° | 0.1 | 0.0 | 0.0 |
| 140°-150° | 0.1 | 0.0 | 0.0 |
| 150°-160° | 0.1 | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 | 0.0 |
| 0°-90° | 14002.6 | 100.0 | 84.9 |
| 0°-180° | 14004.2 | 100.0 | 84.9 |

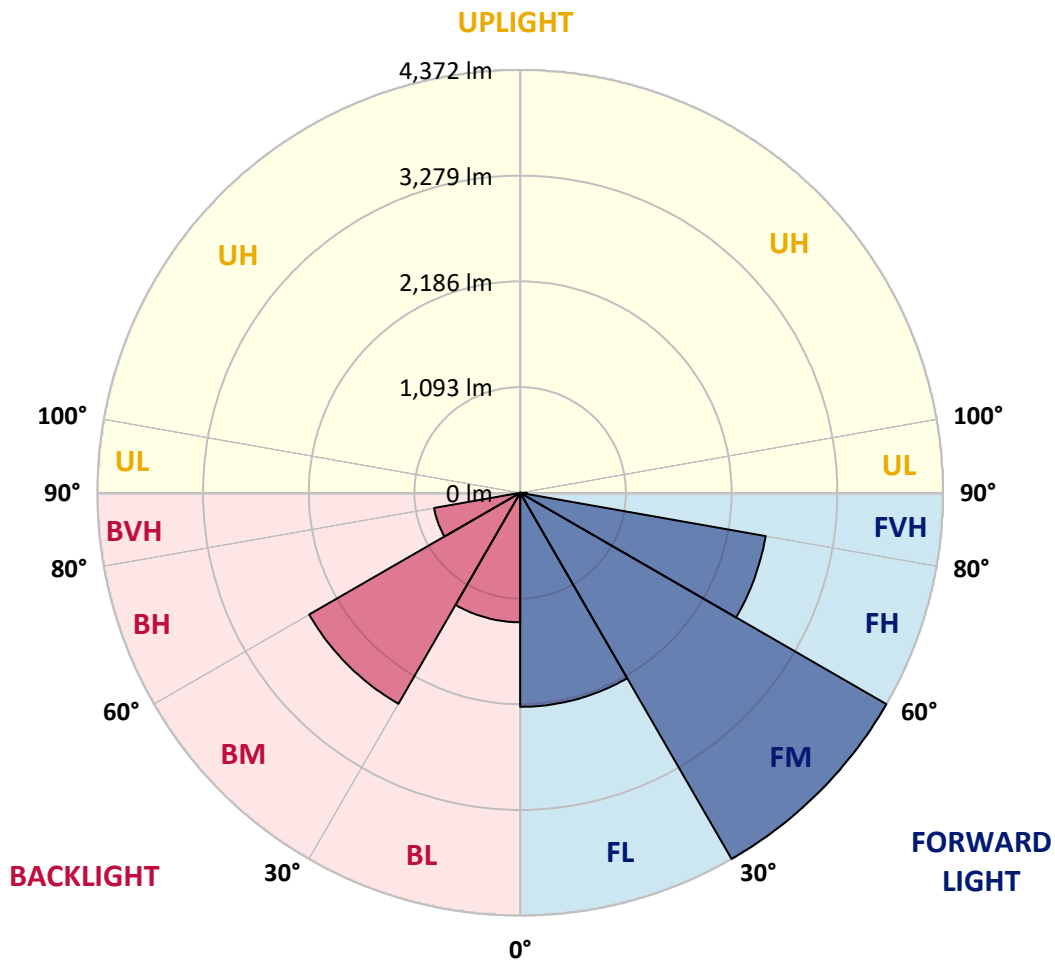


REPORT NUMBER: NO. NITE 124-01
 CATALOG NUMBER:

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Lamp | Zone Rating/Lumen Limit | | |
|----------------|--------|--------|-------------------------|-------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2212.9 | 13.4 | | | |
| FM (30°-60°) | 4371.8 | 26.5 | | | |
| FH (60°-80°) | 2578.1 | 15.6 | | | G2/5000 |
| FVH (80°-90°) | 69.5 | 0.4 | | | G1/100 |
| BL (0°-30°) | 1338.1 | 8.1 | B3/2500 | | |
| BM (30°-60°) | 2518.9 | 15.3 | B3/5000 | | |
| BH (60°-80°) | 903.6 | 5.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 9.6 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.7 | 0.0 | | U1/10 | |
| UH (100°-180°) | 0.0 | 0.0 | | U1/10 | |
| Trapped Light | 2495.8 | 15.1 | | | |

BUG Rating: B3-U1-G2
 Type I Medium





REPORT NUMBER: NO. NITE 124-01
 CATALOG NUMBER:

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 62.5° | 65° | 67.5° |
|--------|------|------|------|------|------|------|------|------|-------|------|-------|
| 0° | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 |
| 2.5° | 5296 | 4908 | 5301 | 5175 | 5205 | 4852 | 5055 | 4814 | 4989 | 4737 | 4961 |
| 5° | 5946 | 5825 | 5948 | 5767 | 5735 | 5500 | 5384 | 5225 | 5220 | 5137 | 5122 |
| 7.5° | 6516 | 6394 | 6490 | 6303 | 6186 | 5886 | 5636 | 5442 | 5412 | 5306 | 5253 |
| 10° | 6797 | 6752 | 6798 | 6644 | 6490 | 6200 | 5916 | 5682 | 5616 | 5487 | 5412 |
| 12.5° | 6702 | 6725 | 6725 | 6679 | 6558 | 6364 | 6075 | 5861 | 5775 | 5653 | 5562 |
| 15° | 6279 | 6346 | 6293 | 6362 | 6319 | 6310 | 6130 | 5973 | 5903 | 5775 | 5714 |
| 17.5° | 5674 | 5762 | 5674 | 5830 | 5838 | 6074 | 6123 | 6062 | 6024 | 5951 | 5868 |
| 20° | 4974 | 5052 | 4935 | 5092 | 5223 | 5710 | 5962 | 6011 | 5987 | 5946 | 5917 |
| 22.5° | 4369 | 4415 | 4258 | 4373 | 4626 | 5284 | 5702 | 5896 | 5969 | 5990 | 6014 |
| 25° | 3839 | 4142 | 3678 | 4087 | 4071 | 5049 | 5480 | 5795 | 5915 | 6022 | 6100 |
| 27.5° | 3360 | 3394 | 3164 | 3260 | 3552 | 4382 | 5242 | 5679 | 5873 | 5999 | 6163 |
| 30° | 2982 | 3006 | 2809 | 2869 | 3137 | 3966 | 5011 | 5631 | 5905 | 6125 | 6357 |
| 32.5° | 2660 | 2671 | 2512 | 2538 | 2761 | 3567 | 4845 | 5638 | 6027 | 6324 | 6654 |
| 35° | 2419 | 2429 | 2290 | 2300 | 2473 | 3268 | 4693 | 5679 | 6205 | 6602 | 7027 |
| 37.5° | 2177 | 2190 | 2088 | 2083 | 2285 | 2982 | 4508 | 5704 | 6347 | 6858 | 7380 |
| 40° | 1971 | 1985 | 1893 | 1967 | 2167 | 2720 | 4228 | 5558 | 6223 | 6873 | 7430 |
| 42.5° | 1824 | 1826 | 1767 | 1867 | 2088 | 2484 | 3767 | 5141 | 5810 | 6566 | 7128 |
| 45° | 1636 | 1670 | 1628 | 1748 | 1975 | 2323 | 3415 | 4686 | 5357 | 6158 | 6813 |
| 47.5° | 1502 | 1597 | 1494 | 1606 | 1863 | 2274 | 3167 | 4669 | 4961 | 5896 | 6450 |
| 50° | 1339 | 1354 | 1342 | 1466 | 1746 | 2118 | 3050 | 4050 | 4674 | 5429 | 6175 |
| 52.5° | 1209 | 1221 | 1244 | 1391 | 1665 | 2033 | 3016 | 3969 | 4583 | 5290 | 6039 |
| 55° | 1122 | 1125 | 1164 | 1355 | 1582 | 1910 | 2892 | 3824 | 4364 | 5078 | 5850 |
| 57.5° | 1013 | 1019 | 1055 | 1267 | 1449 | 1750 | 2645 | 3492 | 3943 | 4653 | 5462 |
| 60° | 912 | 905 | 863 | 1118 | 1239 | 1587 | 2282 | 2980 | 3351 | 4046 | 4882 |
| 62.5° | 807 | 778 | 730 | 942 | 1103 | 1451 | 1990 | 2566 | 2903 | 3522 | 4388 |
| 65° | 674 | 642 | 670 | 818 | 1017 | 1337 | 1814 | 2267 | 2559 | 3107 | 3971 |
| 67.5° | 478 | 476 | 597 | 788 | 994 | 1309 | 1718 | 2083 | 2361 | 2854 | 3718 |
| 70° | 433 | 461 | 546 | 784 | 985 | 1272 | 1620 | 1963 | 2219 | 2683 | 3492 |
| 72.5° | 468 | 421 | 543 | 781 | 989 | 1258 | 1506 | 1647 | 1653 | 2048 | 2571 |
| 75° | 483 | 445 | 519 | 741 | 944 | 1101 | 806 | 851 | 798 | 1103 | 1511 |
| 77.5° | 429 | 396 | 420 | 648 | 503 | 327 | 269 | 363 | 442 | 639 | 929 |
| 80° | 125 | 153 | 143 | 162 | 95 | 125 | 188 | 251 | 295 | 405 | 546 |
| 82.5° | 30 | 38 | 40 | 49 | 45 | 68 | 123 | 151 | 166 | 214 | 251 |
| 85° | 10 | 7 | 12 | 22 | 22 | 35 | 70 | 87 | 90 | 108 | 113 |
| 87.5° | 0 | 2 | 0 | 0 | 5 | 10 | 20 | 29 | 29 | 38 | 31 |
| 90° | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 10 | 5 | 7 | 7 |
| 92.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 97.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 102.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 105° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 110° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: NO. NITE 124-01

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 62.5° | 65° | 67.5° |
|--------|----|----|-----|-----|-----|-----|-----|-----|-------|-----|-------|
| 112.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 155° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 157.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 160° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 162.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 167.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 170° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 172.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177.5° | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: NO. NITE 124-01
 CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

| | 70° | 72.5° | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° | 95° | 105° |
|--------|------|-------|------|-------|-------|-------|-------|-------|------|------|------|
| 0° | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 |
| 2.5° | 4908 | 4910 | 4787 | 4880 | 4781 | 4828 | 4824 | 4798 | 4770 | 4732 | 4663 |
| 5° | 5049 | 5027 | 4961 | 4915 | 4882 | 4822 | 4787 | 4721 | 4676 | 4611 | 4471 |
| 7.5° | 5150 | 5092 | 4998 | 4948 | 4863 | 4782 | 4716 | 4653 | 4576 | 4461 | 4233 |
| 10° | 5293 | 5213 | 5087 | 5002 | 4883 | 4795 | 4691 | 4588 | 4505 | 4340 | 4026 |
| 12.5° | 5419 | 5323 | 5172 | 5071 | 4928 | 4817 | 4663 | 4573 | 4455 | 4230 | 3870 |
| 15° | 5573 | 5492 | 5319 | 5227 | 5055 | 4936 | 4770 | 4644 | 4485 | 4230 | 3769 |
| 17.5° | 5747 | 5644 | 5494 | 5377 | 5205 | 5072 | 4893 | 4732 | 4573 | 4273 | 3739 |
| 20° | 5828 | 5773 | 5651 | 5560 | 5379 | 5246 | 5026 | 4885 | 4686 | 4331 | 3711 |
| 22.5° | 5976 | 5941 | 5850 | 5784 | 5593 | 5475 | 5251 | 5076 | 4847 | 4424 | 3689 |
| 25° | 6123 | 6115 | 6044 | 5954 | 5789 | 5681 | 5434 | 5265 | 4994 | 4520 | 3669 |
| 27.5° | 6223 | 6324 | 6282 | 6292 | 6120 | 6016 | 5742 | 5557 | 5246 | 4676 | 3653 |
| 30° | 6463 | 6614 | 6608 | 6651 | 6481 | 6362 | 6069 | 5808 | 5466 | 4786 | 3602 |
| 32.5° | 6808 | 7042 | 7053 | 7105 | 6919 | 6791 | 6412 | 6117 | 5675 | 4835 | 3479 |
| 35° | 7256 | 7532 | 7555 | 7632 | 7389 | 7206 | 6752 | 6379 | 5842 | 4852 | 3333 |
| 37.5° | 7720 | 8022 | 8055 | 8045 | 7796 | 7508 | 7006 | 6530 | 5945 | 4786 | 3174 |
| 40° | 7876 | 8198 | 8342 | 8303 | 8065 | 7708 | 7142 | 6563 | 5934 | 4672 | 3013 |
| 42.5° | 7710 | 8055 | 8261 | 8264 | 8053 | 7733 | 7153 | 6571 | 5875 | 4529 | 2862 |
| 45° | 7488 | 7917 | 8244 | 8277 | 8124 | 7750 | 7188 | 6549 | 5822 | 4403 | 2718 |
| 47.5° | 7181 | 7677 | 8116 | 8231 | 8209 | 7876 | 7193 | 6679 | 5896 | 4379 | 2648 |
| 50° | 6931 | 7543 | 8000 | 8186 | 8113 | 7838 | 7280 | 6599 | 5787 | 4197 | 2464 |
| 52.5° | 6829 | 7504 | 8046 | 8319 | 8236 | 7969 | 7360 | 6613 | 5740 | 4067 | 2358 |
| 55° | 6758 | 6367 | 8362 | 8884 | 8789 | 8617 | 7808 | 6997 | 5908 | 3998 | 2223 |
| 57.5° | 6583 | 6465 | 8826 | 9652 | 9721 | 9547 | 8518 | 7446 | 6088 | 3880 | 2127 |
| 60° | 6238 | 7733 | 9347 | 10542 | 10894 | 10703 | 9471 | 8109 | 6481 | 3903 | 2055 |
| 62.5° | 5835 | 7567 | 9572 | 11091 | 11714 | 11509 | 10192 | 8602 | 6802 | 3965 | 1989 |
| 65° | 5459 | 7375 | 9628 | 11378 | 12150 | 11918 | 10555 | 8806 | 6941 | 3996 | 1960 |
| 67.5° | 5249 | 7322 | 9778 | 11703 | 12568 | 12236 | 10746 | 8829 | 6904 | 3895 | 1753 |
| 70° | 5020 | 6936 | 9516 | 11227 | 11727 | 11618 | 9874 | 8072 | 6193 | 3883 | 1728 |
| 72.5° | 3978 | 5515 | 7934 | 9235 | 10312 | 9587 | 8484 | 6378 | 4822 | 2141 | 405 |
| 75° | 2536 | 3714 | 5591 | 6611 | 7534 | 6840 | 6079 | 4442 | 3306 | 1365 | 221 |
| 77.5° | 1597 | 2272 | 3457 | 3953 | 4570 | 4001 | 3569 | 2476 | 1867 | 758 | 145 |
| 80° | 886 | 1169 | 1766 | 1882 | 2242 | 1859 | 1695 | 1111 | 856 | 372 | 85 |
| 82.5° | 367 | 438 | 632 | 632 | 732 | 580 | 546 | 352 | 297 | 153 | 37 |
| 85° | 141 | 125 | 164 | 131 | 158 | 118 | 122 | 94 | 92 | 55 | 5 |
| 87.5° | 45 | 45 | 48 | 42 | 53 | 42 | 48 | 31 | 35 | 15 | 0 |
| 90° | 12 | 12 | 17 | 15 | 17 | 15 | 17 | 10 | 5 | 0 | 0 |
| 92.5° | 2 | 0 | 17 | 2 | 17 | 2 | 17 | 0 | 2 | 0 | 0 |
| 95° | 0 | 0 | 2 | 0 | 4 | 0 | 7 | 0 | 0 | 0 | 0 |
| 97.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 100° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 102.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 105° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 107.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 110° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |



REPORT NUMBER: NO. NITE 124-01

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

| | 70° | 72.5° | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° | 95° | 105° |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-----|------|
| 112.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 115° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 117.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 120° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 122.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 125° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 127.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 130° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 132.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 135° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 137.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 140° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 142.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 145° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 147.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 150° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 152.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 155° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 157.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 160° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 162.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 165° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 167.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 170° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 172.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 175° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 177.5° | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: NO. NITE 124-01
 CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

| | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|
| 0° | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 | 4820 |
| 2.5° | 4749 | 4512 | 4543 | 4428 | 4464 | 4361 | 4361 | 4289 |
| 5° | 4354 | 4185 | 4165 | 4044 | 4059 | 3971 | 3963 | 3901 |
| 7.5° | 4051 | 3877 | 3847 | 3751 | 3761 | 3678 | 3683 | 3628 |
| 10° | 3791 | 3604 | 3562 | 3461 | 3487 | 3414 | 3437 | 3387 |
| 12.5° | 3587 | 3365 | 3305 | 3230 | 3258 | 3212 | 3240 | 3195 |
| 15° | 3417 | 3179 | 3086 | 3006 | 3020 | 2998 | 3022 | 2999 |
| 17.5° | 3333 | 3023 | 2902 | 2821 | 2826 | 2791 | 2837 | 2821 |
| 20° | 3256 | 2931 | 2751 | 2660 | 2648 | 2627 | 2667 | 2666 |
| 22.5° | 3169 | 2837 | 2650 | 2527 | 2515 | 2492 | 2532 | 2514 |
| 25° | 3139 | 2733 | 2538 | 2419 | 2405 | 2386 | 2396 | 2388 |
| 27.5° | 3029 | 2645 | 2441 | 2318 | 2303 | 2288 | 2279 | 2272 |
| 30° | 2927 | 2564 | 2356 | 2244 | 2228 | 2195 | 2169 | 2132 |
| 32.5° | 2802 | 2447 | 2257 | 2151 | 2129 | 2078 | 2051 | 2020 |
| 35° | 2660 | 2338 | 2167 | 2041 | 2010 | 1965 | 1925 | 1905 |
| 37.5° | 2527 | 2205 | 2063 | 1954 | 1887 | 1812 | 1819 | 1799 |
| 40° | 2398 | 2078 | 1949 | 1849 | 1781 | 1713 | 1723 | 1709 |
| 42.5° | 2282 | 1978 | 1833 | 1758 | 1700 | 1646 | 1648 | 1636 |
| 45° | 2177 | 1910 | 1744 | 1670 | 1627 | 1571 | 1585 | 1577 |
| 47.5° | 2071 | 1821 | 1678 | 1589 | 1627 | 1496 | 1545 | 1517 |
| 50° | 2008 | 1766 | 1620 | 1508 | 1481 | 1413 | 1436 | 1451 |
| 52.5° | 1939 | 1735 | 1577 | 1463 | 1416 | 1337 | 1370 | 1391 |
| 55° | 1877 | 1692 | 1511 | 1410 | 1332 | 1232 | 1297 | 1304 |
| 57.5° | 1798 | 1617 | 1476 | 1347 | 1265 | 1144 | 1204 | 1219 |
| 60° | 1750 | 1569 | 1433 | 1285 | 1189 | 1090 | 1098 | 1114 |
| 62.5° | 1672 | 1549 | 1367 | 1214 | 1108 | 1000 | 982 | 992 |
| 65° | 1619 | 1449 | 1286 | 1055 | 912 | 727 | 695 | 660 |
| 67.5° | 1358 | 1070 | 866 | 541 | 405 | 196 | 188 | 115 |
| 70° | 1093 | 377 | 620 | 103 | 70 | 40 | 93 | 30 |
| 72.5° | 171 | 90 | 57 | 35 | 25 | 15 | 12 | 10 |
| 75° | 95 | 60 | 37 | 15 | 7 | 5 | 5 | 4 |
| 77.5° | 55 | 35 | 7 | 2 | 0 | 0 | 0 | 0 |
| 80° | 35 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 97.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 102.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 105° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 110° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: NO. NITE 124-01

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

| | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|
| 112.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 155° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 157.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 160° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 162.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 167.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 170° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 172.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

(END OF REPORT)