

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: EPHESUS

Report Number: P622362

Luminaire Tested: **EPH-VN-07-E-940-U-66**

Issue Date: 09/19/2022

Test Information

Test Method: LM-79-2019
Report Number: P622362
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/19/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-07-E-940-U-66
Description: EPHESUS LUMAVISION FLOOD – Middle Tier Light Square Luminaire w/
Nema 6 distribution lens
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

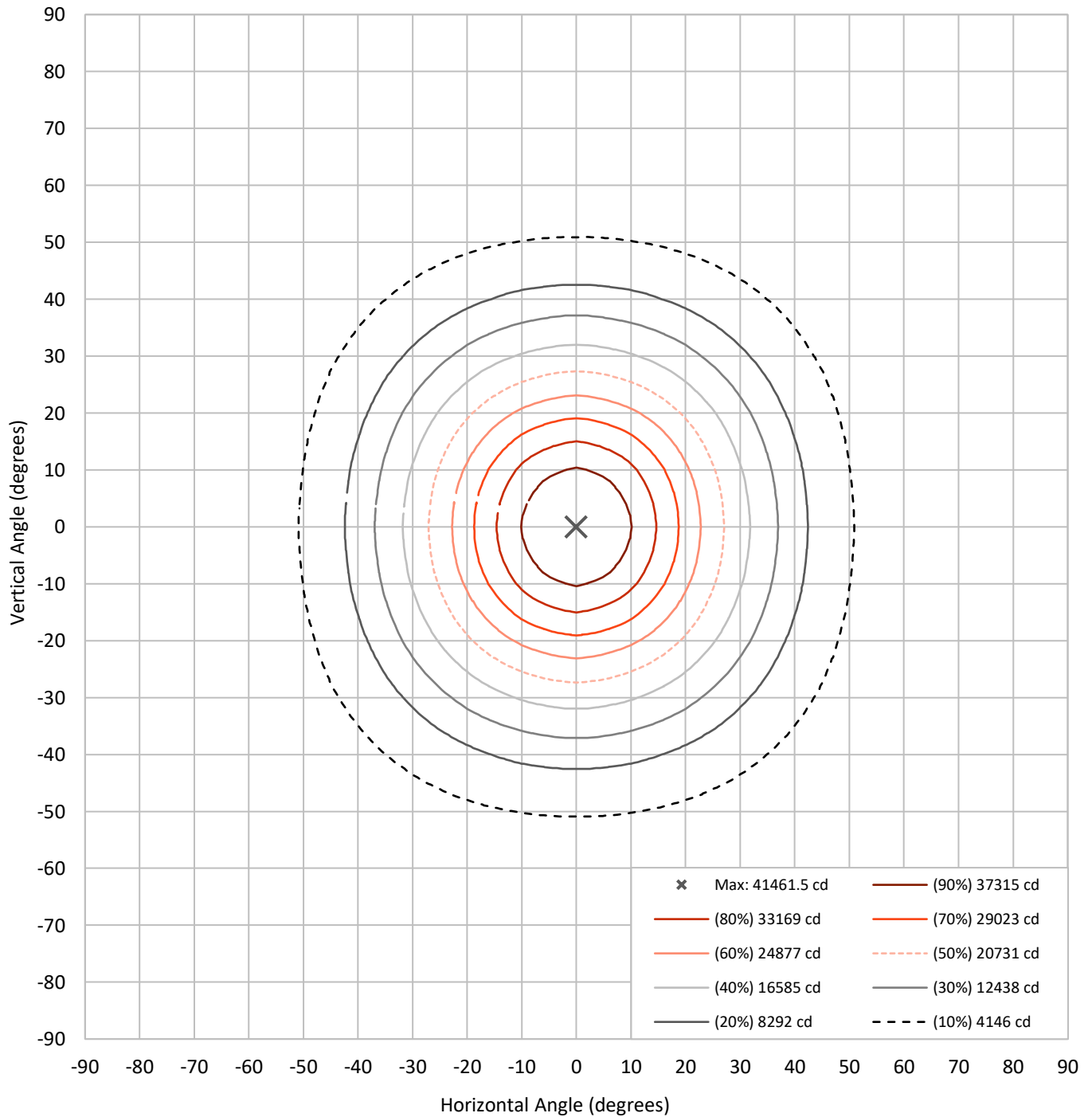
| | | | |
|-------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 6H x 6V |
| Luminaire Lumens: | 43002.4 lumens | Max Intensity: | 41461.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 80.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 54.2°H x 54.7°V | Field Angle (10%): | 101.7°H x 101.8°V |
| Beam Lumens: | 20675.7 lumens | Field Lumens: | 37738.8 lumens |
| Beam Efficiency: | 48.1% | Field Efficiency: | 87.8% |

Input Watts (W): 532.7
Input Voltage (V): 120
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



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Iso-Candela Plot





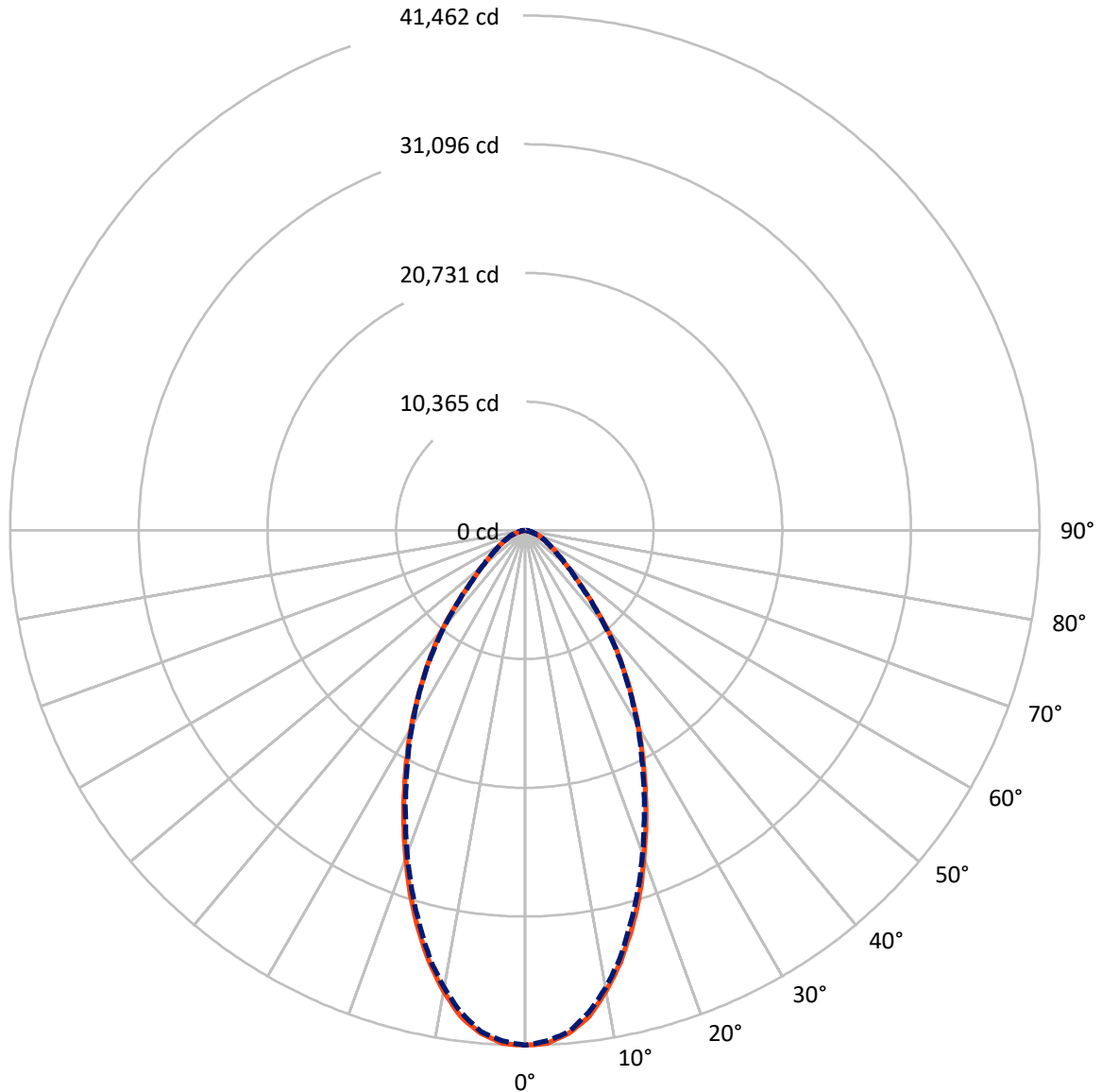
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|------|------|------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|------|------|------|
| 90 | 3.0 | 18.5 | 37.1 | 56.5 | 48.5 | 56.5 | 37.1 | 18.5 | 3.0 | | | | | | | |
| 80 | | | | | | | | | | | | | | | | |
| 70 | 7.6 | 8.1 | 14.3 | 21.8 | 30.5 | 39.0 | 45.4 | 48.7 | 48.7 | 45.4 | 39.0 | 30.5 | 21.8 | 14.3 | 8.1 | 7.6 |
| 60 | | 10.7 | 20.3 | 33.4 | 50.1 | 68.2 | 84.6 | 94.4 | 94.4 | 84.6 | 68.2 | 50.1 | 33.4 | 20.3 | 10.7 | |
| 50 | 10.2 | 13.4 | 27.3 | 49.2 | 81.7 | 125.3 | 172.5 | 204.6 | 204.6 | 172.5 | 125.3 | 81.7 | 49.2 | 27.3 | 13.4 | 10.2 |
| 40 | | 15.9 | 35.2 | 70.9 | 135.9 | 240.4 | 349.7 | 417.6 | 417.6 | 349.7 | 240.4 | 135.9 | 70.9 | 35.2 | 15.9 | |
| 30 | 11.7 | 18.3 | 43.3 | 98.2 | 217.6 | 392.6 | 564.0 | 676.9 | 676.9 | 564.0 | 392.6 | 217.6 | 98.2 | 43.3 | 18.3 | 11.7 |
| 20 | | 20.2 | 50.6 | 126.4 | 296.3 | 528.7 | 782.9 | 966.7 | 966.7 | 782.9 | 528.7 | 296.3 | 126.4 | 50.6 | 20.2 | |
| 10 | 12.3 | 21.2 | 54.9 | 144.9 | 342.1 | 613.2 | 933.8 | 1173.7 | 1173.7 | 933.8 | 613.2 | 342.1 | 144.9 | 54.9 | 21.2 | 12.3 |
| 0 | | 21.2 | 54.9 | 144.9 | 342.1 | 613.2 | 933.8 | 1173.7 | 1173.7 | 933.8 | 613.2 | 342.1 | 144.9 | 54.9 | 21.2 | |
| -10 | 11.7 | 20.2 | 50.6 | 126.4 | 296.3 | 528.7 | 782.9 | 966.7 | 966.7 | 782.9 | 528.7 | 296.3 | 126.4 | 50.6 | 20.2 | 11.7 |
| -20 | | 18.3 | 43.3 | 98.2 | 217.6 | 392.6 | 564.0 | 676.9 | 676.9 | 564.0 | 392.6 | 217.6 | 98.2 | 43.3 | 18.3 | |
| -30 | 10.2 | 15.9 | 35.2 | 70.9 | 135.9 | 240.4 | 349.7 | 417.6 | 417.6 | 349.7 | 240.4 | 135.9 | 70.9 | 35.2 | 15.9 | 10.2 |
| -40 | | 13.4 | 27.3 | 49.2 | 81.7 | 125.3 | 172.5 | 204.6 | 204.6 | 172.5 | 125.3 | 81.7 | 49.2 | 27.3 | 13.4 | |
| -50 | 7.6 | 10.7 | 20.3 | 33.4 | 50.1 | 68.2 | 84.6 | 94.4 | 94.4 | 84.6 | 68.2 | 50.1 | 33.4 | 20.3 | 10.7 | 7.6 |
| -60 | | 8.1 | 14.3 | 21.8 | 30.5 | 39.0 | 45.4 | 48.7 | 48.7 | 45.4 | 39.0 | 30.5 | 21.8 | 14.3 | 8.1 | |
| -70 | | | | | | | | | | | | | | | | |
| -80 | 3.0 | 18.5 | 37.1 | 56.5 | 48.5 | 56.5 | 37.1 | 18.5 | 3.0 | | | | | | | |
| -90 | | | | | | | | | | | | | | | | |

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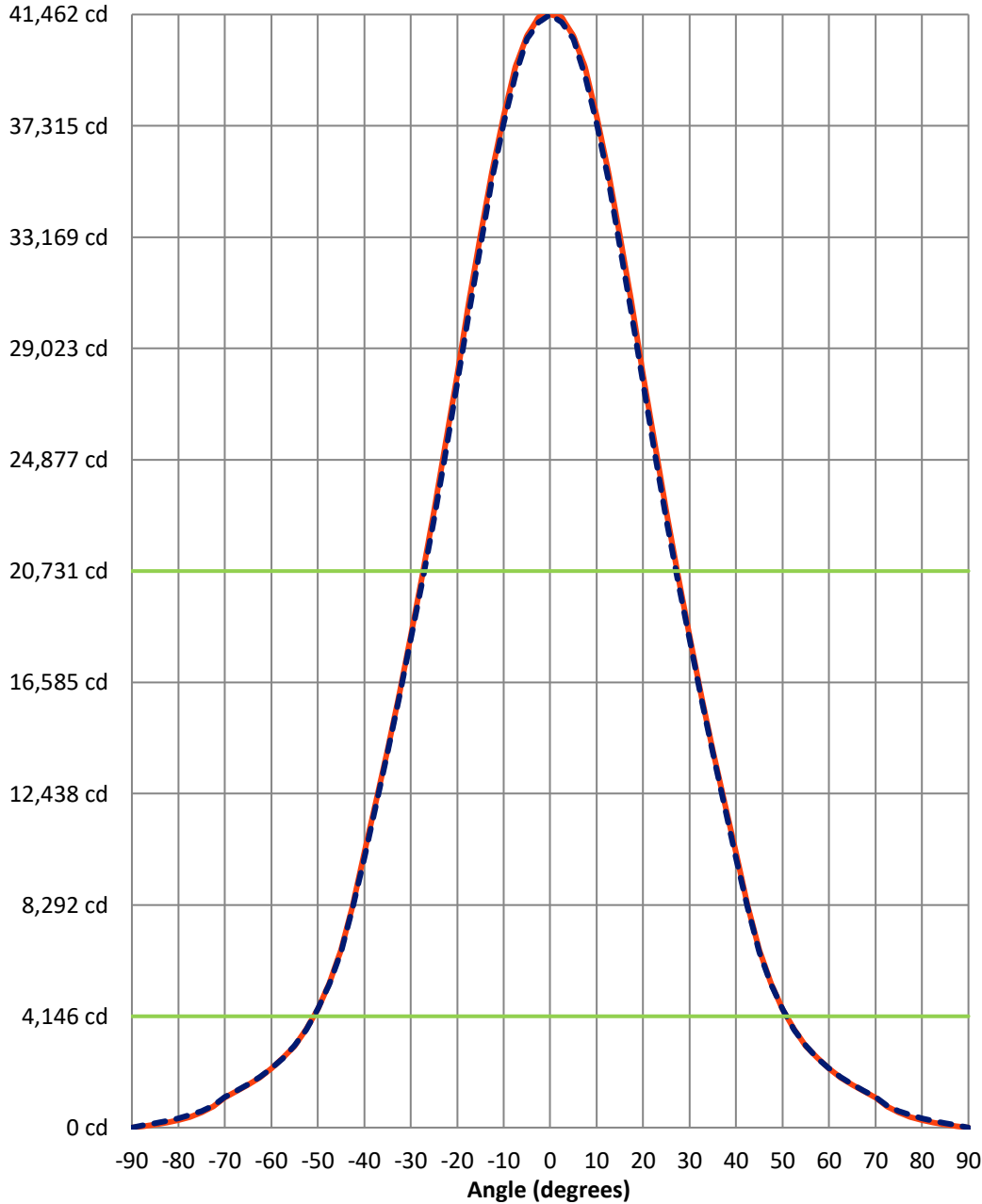
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 54.2°
 V Angle: 54.7°
 Lumens: 20675.7
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 37738.8
 Efficiency: 87.8%

Spill:
 Lumens: 5263.6
 Efficiency: 12.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 4 | 9 | 18 | 27 | 35 | 44 | 53 | 57 | 62 | 71 |
| 85° | 0 | 9 | 18 | 31 | 49 | 71 | 93 | 106 | 115 | 128 | 137 |
| 82.5° | 0 | 13 | 31 | 49 | 75 | 102 | 137 | 155 | 172 | 190 | 203 |
| 80° | 0 | 18 | 40 | 66 | 97 | 137 | 181 | 203 | 225 | 247 | 265 |
| 77.5° | 0 | 22 | 49 | 80 | 124 | 168 | 221 | 252 | 278 | 305 | 331 |
| 75° | 0 | 27 | 57 | 97 | 146 | 194 | 256 | 296 | 331 | 367 | 406 |
| 72.5° | 0 | 31 | 66 | 110 | 164 | 221 | 292 | 340 | 380 | 429 | 482 |
| 70° | 0 | 35 | 75 | 128 | 181 | 247 | 327 | 380 | 429 | 486 | 530 |
| 67.5° | 0 | 40 | 84 | 137 | 199 | 270 | 353 | 420 | 473 | 526 | 574 |
| 65° | 0 | 40 | 93 | 146 | 212 | 292 | 376 | 455 | 513 | 566 | 623 |
| 62.5° | 0 | 44 | 102 | 155 | 225 | 309 | 398 | 486 | 548 | 605 | 672 |
| 60° | 0 | 49 | 106 | 164 | 243 | 327 | 424 | 517 | 579 | 649 | 720 |
| 57.5° | 0 | 53 | 110 | 172 | 252 | 340 | 442 | 543 | 619 | 694 | 769 |
| 55° | 0 | 57 | 119 | 181 | 261 | 358 | 460 | 570 | 654 | 733 | 817 |
| 52.5° | 0 | 57 | 124 | 186 | 274 | 371 | 477 | 588 | 689 | 778 | 875 |
| 50° | 0 | 62 | 128 | 190 | 283 | 384 | 490 | 610 | 725 | 822 | 923 |
| 47.5° | 0 | 66 | 133 | 194 | 287 | 393 | 508 | 632 | 764 | 866 | 976 |
| 45° | 0 | 66 | 137 | 199 | 296 | 406 | 521 | 645 | 791 | 910 | 1025 |
| 42.5° | 0 | 71 | 137 | 203 | 300 | 415 | 535 | 667 | 813 | 954 | 1078 |
| 40° | 0 | 75 | 141 | 212 | 309 | 420 | 548 | 685 | 839 | 998 | 1127 |
| 37.5° | 0 | 75 | 146 | 217 | 314 | 429 | 557 | 702 | 866 | 1029 | 1171 |
| 35° | 0 | 80 | 150 | 221 | 318 | 433 | 561 | 720 | 888 | 1060 | 1219 |
| 32.5° | 0 | 80 | 150 | 230 | 323 | 442 | 570 | 733 | 915 | 1096 | 1264 |
| 30° | 0 | 80 | 155 | 234 | 323 | 442 | 583 | 747 | 937 | 1131 | 1308 |
| 27.5° | 0 | 84 | 155 | 234 | 331 | 446 | 592 | 764 | 959 | 1171 | 1352 |
| 25° | 0 | 84 | 159 | 239 | 336 | 446 | 596 | 778 | 985 | 1206 | 1392 |
| 22.5° | 0 | 84 | 159 | 243 | 340 | 451 | 601 | 791 | 1012 | 1237 | 1436 |
| 20° | 0 | 88 | 164 | 247 | 345 | 455 | 605 | 804 | 1038 | 1264 | 1471 |
| 17.5° | 0 | 88 | 164 | 247 | 349 | 464 | 610 | 813 | 1060 | 1290 | 1502 |
| 15° | 0 | 93 | 164 | 247 | 349 | 468 | 619 | 817 | 1082 | 1312 | 1533 |
| 12.5° | 0 | 93 | 164 | 252 | 349 | 468 | 623 | 826 | 1105 | 1334 | 1555 |
| 10° | 0 | 88 | 168 | 252 | 349 | 473 | 627 | 831 | 1118 | 1347 | 1577 |
| 7.5° | 0 | 88 | 168 | 252 | 353 | 473 | 627 | 831 | 1131 | 1361 | 1590 |
| 5° | 0 | 88 | 164 | 252 | 349 | 477 | 627 | 835 | 1149 | 1374 | 1604 |
| 2.5° | 0 | 88 | 164 | 247 | 349 | 477 | 619 | 826 | 1144 | 1374 | 1613 |
| 0° | 0 | 88 | 164 | 247 | 349 | 477 | 619 | 826 | 1144 | 1374 | 1613 |
| -2.5° | 0 | 88 | 164 | 247 | 349 | 477 | 619 | 826 | 1144 | 1374 | 1613 |
| -5° | 0 | 88 | 164 | 252 | 349 | 477 | 627 | 835 | 1149 | 1374 | 1604 |
| -7.5° | 0 | 88 | 168 | 252 | 353 | 473 | 627 | 831 | 1131 | 1361 | 1590 |
| -10° | 0 | 88 | 168 | 252 | 349 | 473 | 627 | 831 | 1118 | 1347 | 1577 |
| -12.5° | 0 | 93 | 164 | 252 | 349 | 468 | 623 | 826 | 1105 | 1334 | 1555 |
| -15° | 0 | 93 | 164 | 247 | 349 | 468 | 619 | 817 | 1082 | 1312 | 1533 |
| -17.5° | 0 | 88 | 164 | 247 | 349 | 464 | 610 | 813 | 1060 | 1290 | 1502 |
| -20° | 0 | 88 | 164 | 247 | 345 | 455 | 605 | 804 | 1038 | 1264 | 1471 |



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CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0 | 84 | 159 | 243 | 340 | 451 | 601 | 791 | 1012 | 1237 | 1436 |
| -25° | 0 | 84 | 159 | 239 | 336 | 446 | 596 | 778 | 985 | 1206 | 1392 |
| -27.5° | 0 | 84 | 155 | 234 | 331 | 446 | 592 | 764 | 959 | 1171 | 1352 |
| -30° | 0 | 80 | 155 | 234 | 323 | 442 | 583 | 747 | 937 | 1131 | 1308 |
| -32.5° | 0 | 80 | 150 | 230 | 323 | 442 | 570 | 733 | 915 | 1096 | 1264 |
| -35° | 0 | 80 | 150 | 221 | 318 | 433 | 561 | 720 | 888 | 1060 | 1219 |
| -37.5° | 0 | 75 | 146 | 217 | 314 | 429 | 557 | 702 | 866 | 1029 | 1171 |
| -40° | 0 | 75 | 141 | 212 | 309 | 420 | 548 | 685 | 839 | 998 | 1127 |
| -42.5° | 0 | 71 | 137 | 203 | 300 | 415 | 535 | 667 | 813 | 954 | 1078 |
| -45° | 0 | 66 | 137 | 199 | 296 | 406 | 521 | 645 | 791 | 910 | 1025 |
| -47.5° | 0 | 66 | 133 | 194 | 287 | 393 | 508 | 632 | 764 | 866 | 976 |
| -50° | 0 | 62 | 128 | 190 | 283 | 384 | 490 | 610 | 725 | 822 | 923 |
| -52.5° | 0 | 57 | 124 | 186 | 274 | 371 | 477 | 588 | 689 | 778 | 875 |
| -55° | 0 | 57 | 119 | 181 | 261 | 358 | 460 | 570 | 654 | 733 | 817 |
| -57.5° | 0 | 53 | 110 | 172 | 252 | 340 | 442 | 543 | 619 | 694 | 769 |
| -60° | 0 | 49 | 106 | 164 | 243 | 327 | 424 | 517 | 579 | 649 | 720 |
| -62.5° | 0 | 44 | 102 | 155 | 225 | 309 | 398 | 486 | 548 | 605 | 672 |
| -65° | 0 | 40 | 93 | 146 | 212 | 292 | 376 | 455 | 513 | 566 | 623 |
| -67.5° | 0 | 40 | 84 | 137 | 199 | 270 | 353 | 420 | 473 | 526 | 574 |
| -70° | 0 | 35 | 75 | 128 | 181 | 247 | 327 | 380 | 429 | 486 | 530 |
| -72.5° | 0 | 31 | 66 | 110 | 164 | 221 | 292 | 340 | 380 | 429 | 482 |
| -75° | 0 | 27 | 57 | 97 | 146 | 194 | 256 | 296 | 331 | 367 | 406 |
| -77.5° | 0 | 22 | 49 | 80 | 124 | 168 | 221 | 252 | 278 | 305 | 331 |
| -80° | 0 | 18 | 40 | 66 | 97 | 137 | 181 | 203 | 225 | 247 | 265 |
| -82.5° | 0 | 13 | 31 | 49 | 75 | 102 | 137 | 155 | 172 | 190 | 203 |
| -85° | 0 | 9 | 18 | 31 | 49 | 71 | 93 | 106 | 115 | 128 | 137 |
| -87.5° | 0 | 4 | 9 | 18 | 27 | 35 | 44 | 53 | 57 | 62 | 71 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 75 | 80 | 84 | 84 | 84 | 80 | 75 | 71 | 80 | 88 | 97 |
| 85° | 146 | 159 | 164 | 172 | 168 | 159 | 155 | 146 | 164 | 181 | 203 |
| 82.5° | 217 | 230 | 239 | 247 | 247 | 239 | 230 | 217 | 243 | 270 | 300 |
| 80° | 283 | 300 | 318 | 331 | 331 | 318 | 305 | 287 | 318 | 358 | 398 |
| 77.5° | 362 | 384 | 402 | 420 | 415 | 411 | 402 | 393 | 424 | 464 | 504 |
| 75° | 442 | 473 | 486 | 504 | 513 | 508 | 508 | 517 | 552 | 601 | 645 |
| 72.5° | 513 | 535 | 561 | 592 | 605 | 614 | 636 | 663 | 698 | 738 | 773 |
| 70° | 570 | 596 | 632 | 663 | 689 | 716 | 747 | 782 | 817 | 857 | 892 |
| 67.5° | 623 | 663 | 698 | 738 | 773 | 813 | 853 | 892 | 932 | 976 | 1021 |
| 65° | 680 | 725 | 769 | 813 | 862 | 910 | 959 | 1003 | 1051 | 1109 | 1158 |
| 62.5° | 738 | 786 | 839 | 892 | 950 | 1007 | 1065 | 1122 | 1188 | 1250 | 1312 |
| 60° | 791 | 853 | 915 | 981 | 1047 | 1113 | 1175 | 1250 | 1330 | 1401 | 1480 |
| 57.5° | 844 | 919 | 990 | 1065 | 1140 | 1215 | 1303 | 1387 | 1480 | 1573 | 1661 |
| 55° | 901 | 990 | 1069 | 1153 | 1237 | 1334 | 1431 | 1537 | 1639 | 1758 | 1869 |
| 52.5° | 963 | 1056 | 1149 | 1241 | 1347 | 1454 | 1568 | 1692 | 1825 | 1962 | 2099 |
| 50° | 1025 | 1127 | 1228 | 1339 | 1458 | 1582 | 1719 | 1864 | 2023 | 2182 | 2350 |
| 47.5° | 1082 | 1193 | 1317 | 1436 | 1573 | 1719 | 1878 | 2054 | 2231 | 2430 | 2642 |
| 45° | 1144 | 1264 | 1396 | 1542 | 1692 | 1864 | 2054 | 2249 | 2474 | 2699 | 2947 |
| 42.5° | 1206 | 1334 | 1484 | 1639 | 1825 | 2019 | 2227 | 2474 | 2726 | 3004 | 3305 |
| 40° | 1259 | 1405 | 1573 | 1758 | 1957 | 2174 | 2430 | 2699 | 3009 | 3340 | 3711 |
| 37.5° | 1321 | 1480 | 1661 | 1864 | 2094 | 2346 | 2642 | 2956 | 3313 | 3715 | 4162 |
| 35° | 1378 | 1555 | 1754 | 1975 | 2231 | 2523 | 2854 | 3221 | 3636 | 4122 | 4665 |
| 32.5° | 1436 | 1630 | 1842 | 2085 | 2368 | 2699 | 3075 | 3508 | 3998 | 4555 | 5235 |
| 30° | 1493 | 1697 | 1926 | 2191 | 2509 | 2885 | 3318 | 3799 | 4365 | 5067 | 5876 |
| 27.5° | 1546 | 1767 | 2015 | 2306 | 2646 | 3057 | 3548 | 4122 | 4789 | 5580 | 6525 |
| 25° | 1599 | 1829 | 2099 | 2412 | 2792 | 3243 | 3777 | 4409 | 5209 | 6145 | 7267 |
| 22.5° | 1648 | 1891 | 2174 | 2514 | 2925 | 3424 | 4025 | 4745 | 5624 | 6667 | 7988 |
| 20° | 1697 | 1953 | 2253 | 2611 | 3040 | 3587 | 4250 | 5054 | 6053 | 7281 | 8747 |
| 17.5° | 1736 | 2010 | 2328 | 2713 | 3181 | 3755 | 4458 | 5363 | 6441 | 7846 | 9481 |
| 15° | 1776 | 2059 | 2395 | 2801 | 3305 | 3923 | 4683 | 5633 | 6852 | 8381 | 10117 |
| 12.5° | 1807 | 2099 | 2452 | 2880 | 3411 | 4064 | 4877 | 5907 | 7250 | 8884 | 10669 |
| 10° | 1829 | 2134 | 2496 | 2942 | 3499 | 4179 | 5036 | 6128 | 7572 | 9295 | 11129 |
| 7.5° | 1851 | 2160 | 2531 | 2991 | 3565 | 4268 | 5160 | 6300 | 7820 | 9613 | 11482 |
| 5° | 1869 | 2182 | 2558 | 3026 | 3609 | 4334 | 5253 | 6410 | 7996 | 9839 | 11734 |
| 2.5° | 1882 | 2200 | 2580 | 3057 | 3645 | 4405 | 5337 | 6530 | 8164 | 10029 | 11959 |
| 0° | 1882 | 2205 | 2580 | 3057 | 3640 | 4418 | 5350 | 6538 | 8186 | 10024 | 11990 |
| -2.5° | 1882 | 2200 | 2580 | 3057 | 3645 | 4405 | 5337 | 6530 | 8164 | 10029 | 11959 |
| -5° | 1869 | 2182 | 2558 | 3026 | 3609 | 4334 | 5253 | 6410 | 7996 | 9839 | 11734 |
| -7.5° | 1851 | 2160 | 2531 | 2991 | 3565 | 4268 | 5160 | 6300 | 7820 | 9613 | 11482 |
| -10° | 1829 | 2134 | 2496 | 2942 | 3499 | 4179 | 5036 | 6128 | 7572 | 9295 | 11129 |
| -12.5° | 1807 | 2099 | 2452 | 2880 | 3411 | 4064 | 4877 | 5907 | 7250 | 8884 | 10669 |
| -15° | 1776 | 2059 | 2395 | 2801 | 3305 | 3923 | 4683 | 5633 | 6852 | 8381 | 10117 |
| -17.5° | 1736 | 2010 | 2328 | 2713 | 3181 | 3755 | 4458 | 5363 | 6441 | 7846 | 9481 |
| -20° | 1697 | 1953 | 2253 | 2611 | 3040 | 3587 | 4250 | 5054 | 6053 | 7281 | 8747 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| -22.5° | 1648 | 1891 | 2174 | 2514 | 2925 | 3424 | 4025 | 4745 | 5624 | 6667 | 7988 |
| -25° | 1599 | 1829 | 2099 | 2412 | 2792 | 3243 | 3777 | 4409 | 5209 | 6145 | 7267 |
| -27.5° | 1546 | 1767 | 2015 | 2306 | 2646 | 3057 | 3548 | 4122 | 4789 | 5580 | 6525 |
| -30° | 1493 | 1697 | 1926 | 2191 | 2509 | 2885 | 3318 | 3799 | 4365 | 5067 | 5876 |
| -32.5° | 1436 | 1630 | 1842 | 2085 | 2368 | 2699 | 3075 | 3508 | 3998 | 4555 | 5235 |
| -35° | 1378 | 1555 | 1754 | 1975 | 2231 | 2523 | 2854 | 3221 | 3636 | 4122 | 4665 |
| -37.5° | 1321 | 1480 | 1661 | 1864 | 2094 | 2346 | 2642 | 2956 | 3313 | 3715 | 4162 |
| -40° | 1259 | 1405 | 1573 | 1758 | 1957 | 2174 | 2430 | 2699 | 3009 | 3340 | 3711 |
| -42.5° | 1206 | 1334 | 1484 | 1639 | 1825 | 2019 | 2227 | 2474 | 2726 | 3004 | 3305 |
| -45° | 1144 | 1264 | 1396 | 1542 | 1692 | 1864 | 2054 | 2249 | 2474 | 2699 | 2947 |
| -47.5° | 1082 | 1193 | 1317 | 1436 | 1573 | 1719 | 1878 | 2054 | 2231 | 2430 | 2642 |
| -50° | 1025 | 1127 | 1228 | 1339 | 1458 | 1582 | 1719 | 1864 | 2023 | 2182 | 2350 |
| -52.5° | 963 | 1056 | 1149 | 1241 | 1347 | 1454 | 1568 | 1692 | 1825 | 1962 | 2099 |
| -55° | 901 | 990 | 1069 | 1153 | 1237 | 1334 | 1431 | 1537 | 1639 | 1758 | 1869 |
| -57.5° | 844 | 919 | 990 | 1065 | 1140 | 1215 | 1303 | 1387 | 1480 | 1573 | 1661 |
| -60° | 791 | 853 | 915 | 981 | 1047 | 1113 | 1175 | 1250 | 1330 | 1401 | 1480 |
| -62.5° | 738 | 786 | 839 | 892 | 950 | 1007 | 1065 | 1122 | 1188 | 1250 | 1312 |
| -65° | 680 | 725 | 769 | 813 | 862 | 910 | 959 | 1003 | 1051 | 1109 | 1158 |
| -67.5° | 623 | 663 | 698 | 738 | 773 | 813 | 853 | 892 | 932 | 976 | 1021 |
| -70° | 570 | 596 | 632 | 663 | 689 | 716 | 747 | 782 | 817 | 857 | 892 |
| -72.5° | 513 | 535 | 561 | 592 | 605 | 614 | 636 | 663 | 698 | 738 | 773 |
| -75° | 442 | 473 | 486 | 504 | 513 | 508 | 508 | 517 | 552 | 601 | 645 |
| -77.5° | 362 | 384 | 402 | 420 | 415 | 411 | 402 | 393 | 424 | 464 | 504 |
| -80° | 283 | 300 | 318 | 331 | 331 | 318 | 305 | 287 | 318 | 358 | 398 |
| -82.5° | 217 | 230 | 239 | 247 | 247 | 239 | 230 | 217 | 243 | 270 | 300 |
| -85° | 146 | 159 | 164 | 172 | 168 | 159 | 155 | 146 | 164 | 181 | 203 |
| -87.5° | 75 | 80 | 84 | 84 | 84 | 80 | 75 | 71 | 80 | 88 | 97 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 110 | 110 | 110 | 110 | 106 | 110 | 110 | 115 | 119 | 106 | 93 |
| 85° | 221 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 203 | 181 |
| 82.5° | 331 | 345 | 353 | 367 | 376 | 376 | 371 | 367 | 358 | 323 | 283 |
| 80° | 437 | 460 | 473 | 486 | 499 | 495 | 490 | 482 | 477 | 433 | 389 |
| 77.5° | 543 | 570 | 588 | 601 | 614 | 619 | 614 | 614 | 610 | 570 | 521 |
| 75° | 680 | 702 | 720 | 738 | 756 | 764 | 769 | 769 | 769 | 733 | 689 |
| 72.5° | 804 | 831 | 857 | 884 | 906 | 919 | 932 | 941 | 950 | 932 | 906 |
| 70° | 932 | 963 | 994 | 1025 | 1056 | 1078 | 1096 | 1113 | 1122 | 1127 | 1127 |
| 67.5° | 1065 | 1105 | 1144 | 1184 | 1219 | 1250 | 1272 | 1294 | 1312 | 1330 | 1339 |
| 65° | 1211 | 1264 | 1312 | 1356 | 1396 | 1436 | 1467 | 1498 | 1524 | 1546 | 1560 |
| 62.5° | 1374 | 1436 | 1493 | 1551 | 1595 | 1643 | 1692 | 1736 | 1772 | 1803 | 1825 |
| 60° | 1555 | 1630 | 1701 | 1772 | 1842 | 1900 | 1962 | 2015 | 2059 | 2099 | 2134 |
| 57.5° | 1758 | 1851 | 1939 | 2032 | 2112 | 2187 | 2262 | 2337 | 2403 | 2456 | 2501 |
| 55° | 1984 | 2099 | 2213 | 2324 | 2434 | 2536 | 2633 | 2730 | 2819 | 2889 | 2951 |
| 52.5° | 2244 | 2381 | 2527 | 2664 | 2814 | 2947 | 3070 | 3203 | 3322 | 3428 | 3517 |
| 50° | 2523 | 2699 | 2889 | 3066 | 3260 | 3446 | 3614 | 3782 | 3950 | 4095 | 4215 |
| 47.5° | 2850 | 3062 | 3309 | 3552 | 3791 | 4042 | 4277 | 4497 | 4727 | 4922 | 5085 |
| 45° | 3203 | 3499 | 3791 | 4117 | 4418 | 4758 | 5081 | 5403 | 5686 | 5969 | 6207 |
| 42.5° | 3623 | 3994 | 4365 | 4785 | 5195 | 5624 | 6079 | 6485 | 6910 | 7325 | 7669 |
| 40° | 4122 | 4559 | 5072 | 5575 | 6145 | 6684 | 7329 | 7899 | 8438 | 8964 | 9410 |
| 37.5° | 4670 | 5248 | 5880 | 6521 | 7294 | 8054 | 8809 | 9525 | 10166 | 10753 | 11221 |
| 35° | 5301 | 6030 | 6781 | 7714 | 8633 | 9560 | 10426 | 11239 | 11968 | 12564 | 13059 |
| 32.5° | 6026 | 6887 | 7926 | 9008 | 10073 | 11102 | 12136 | 12940 | 13700 | 14380 | 14963 |
| 30° | 6795 | 7917 | 9127 | 10338 | 11500 | 12617 | 13660 | 14628 | 15511 | 16275 | 16929 |
| 27.5° | 7696 | 8995 | 10342 | 11641 | 12887 | 14093 | 15277 | 16381 | 17349 | 18153 | 18966 |
| 25° | 8588 | 10077 | 11517 | 12891 | 14239 | 15586 | 16889 | 18131 | 19262 | 20247 | 21126 |
| 22.5° | 9529 | 11084 | 12604 | 14062 | 15591 | 17057 | 18484 | 19898 | 21197 | 22332 | 23322 |
| 20° | 10400 | 12070 | 13620 | 15246 | 16903 | 18493 | 20097 | 21625 | 23074 | 24444 | 25571 |
| 17.5° | 11177 | 12878 | 14570 | 16284 | 18091 | 19894 | 21634 | 23291 | 24943 | 26538 | 27943 |
| 15° | 11871 | 13656 | 15392 | 17261 | 19209 | 21148 | 23088 | 24912 | 26772 | 28539 | 30112 |
| 12.5° | 12485 | 14327 | 16174 | 18162 | 20198 | 22217 | 24342 | 26463 | 28526 | 30430 | 32135 |
| 10° | 12993 | 14906 | 16885 | 18944 | 21060 | 23194 | 25482 | 27837 | 30046 | 32069 | 33925 |
| 7.5° | 13377 | 15343 | 17411 | 19549 | 21780 | 24064 | 26454 | 28853 | 31190 | 33364 | 35307 |
| 5° | 13651 | 15635 | 17760 | 19942 | 22266 | 24652 | 27201 | 29759 | 32144 | 34393 | 36381 |
| 2.5° | 13899 | 15895 | 18060 | 20159 | 22527 | 25001 | 27554 | 30205 | 32644 | 34954 | 37167 |
| 0° | 13965 | 16001 | 18188 | 20344 | 22646 | 25129 | 27731 | 30320 | 32820 | 35330 | 37410 |
| -2.5° | 13899 | 15895 | 18060 | 20159 | 22527 | 25001 | 27554 | 30205 | 32644 | 34954 | 37167 |
| -5° | 13651 | 15635 | 17760 | 19942 | 22266 | 24652 | 27201 | 29759 | 32144 | 34393 | 36381 |
| -7.5° | 13377 | 15343 | 17411 | 19549 | 21780 | 24064 | 26454 | 28853 | 31190 | 33364 | 35307 |
| -10° | 12993 | 14906 | 16885 | 18944 | 21060 | 23194 | 25482 | 27837 | 30046 | 32069 | 33925 |
| -12.5° | 12485 | 14327 | 16174 | 18162 | 20198 | 22217 | 24342 | 26463 | 28526 | 30430 | 32135 |
| -15° | 11871 | 13656 | 15392 | 17261 | 19209 | 21148 | 23088 | 24912 | 26772 | 28539 | 30112 |
| -17.5° | 11177 | 12878 | 14570 | 16284 | 18091 | 19894 | 21634 | 23291 | 24943 | 26538 | 27943 |
| -20° | 10400 | 12070 | 13620 | 15246 | 16903 | 18493 | 20097 | 21625 | 23074 | 24444 | 25571 |



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CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 9529 | 11084 | 12604 | 14062 | 15591 | 17057 | 18484 | 19898 | 21197 | 22332 | 23322 |
| -25° | 8588 | 10077 | 11517 | 12891 | 14239 | 15586 | 16889 | 18131 | 19262 | 20247 | 21126 |
| -27.5° | 7696 | 8995 | 10342 | 11641 | 12887 | 14093 | 15277 | 16381 | 17349 | 18153 | 18966 |
| -30° | 6795 | 7917 | 9127 | 10338 | 11500 | 12617 | 13660 | 14628 | 15511 | 16275 | 16929 |
| -32.5° | 6026 | 6887 | 7926 | 9008 | 10073 | 11102 | 12136 | 12940 | 13700 | 14380 | 14963 |
| -35° | 5301 | 6030 | 6781 | 7714 | 8633 | 9560 | 10426 | 11239 | 11968 | 12564 | 13059 |
| -37.5° | 4670 | 5248 | 5880 | 6521 | 7294 | 8054 | 8809 | 9525 | 10166 | 10753 | 11221 |
| -40° | 4122 | 4559 | 5072 | 5575 | 6145 | 6684 | 7329 | 7899 | 8438 | 8964 | 9410 |
| -42.5° | 3623 | 3994 | 4365 | 4785 | 5195 | 5624 | 6079 | 6485 | 6910 | 7325 | 7669 |
| -45° | 3203 | 3499 | 3791 | 4117 | 4418 | 4758 | 5081 | 5403 | 5686 | 5969 | 6207 |
| -47.5° | 2850 | 3062 | 3309 | 3552 | 3791 | 4042 | 4277 | 4497 | 4727 | 4922 | 5085 |
| -50° | 2523 | 2699 | 2889 | 3066 | 3260 | 3446 | 3614 | 3782 | 3950 | 4095 | 4215 |
| -52.5° | 2244 | 2381 | 2527 | 2664 | 2814 | 2947 | 3070 | 3203 | 3322 | 3428 | 3517 |
| -55° | 1984 | 2099 | 2213 | 2324 | 2434 | 2536 | 2633 | 2730 | 2819 | 2889 | 2951 |
| -57.5° | 1758 | 1851 | 1939 | 2032 | 2112 | 2187 | 2262 | 2337 | 2403 | 2456 | 2501 |
| -60° | 1555 | 1630 | 1701 | 1772 | 1842 | 1900 | 1962 | 2015 | 2059 | 2099 | 2134 |
| -62.5° | 1374 | 1436 | 1493 | 1551 | 1595 | 1643 | 1692 | 1736 | 1772 | 1803 | 1825 |
| -65° | 1211 | 1264 | 1312 | 1356 | 1396 | 1436 | 1467 | 1498 | 1524 | 1546 | 1560 |
| -67.5° | 1065 | 1105 | 1144 | 1184 | 1219 | 1250 | 1272 | 1294 | 1312 | 1330 | 1339 |
| -70° | 932 | 963 | 994 | 1025 | 1056 | 1078 | 1096 | 1113 | 1122 | 1127 | 1127 |
| -72.5° | 804 | 831 | 857 | 884 | 906 | 919 | 932 | 941 | 950 | 932 | 906 |
| -75° | 680 | 702 | 720 | 738 | 756 | 764 | 769 | 769 | 769 | 733 | 689 |
| -77.5° | 543 | 570 | 588 | 601 | 614 | 619 | 614 | 614 | 610 | 570 | 521 |
| -80° | 437 | 460 | 473 | 486 | 499 | 495 | 490 | 482 | 477 | 433 | 389 |
| -82.5° | 331 | 345 | 353 | 367 | 376 | 376 | 371 | 367 | 358 | 323 | 283 |
| -85° | 221 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 203 | 181 |
| -87.5° | 110 | 110 | 110 | 110 | 106 | 110 | 110 | 115 | 119 | 106 | 93 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 75 | 62 | 57 | 49 | 57 | 62 | 75 | 93 | 106 | 119 | 115 |
| 85° | 155 | 128 | 124 | 115 | 124 | 128 | 155 | 181 | 203 | 225 | 225 |
| 82.5° | 247 | 203 | 194 | 186 | 194 | 203 | 247 | 283 | 323 | 358 | 367 |
| 80° | 349 | 296 | 287 | 278 | 287 | 296 | 349 | 389 | 433 | 477 | 482 |
| 77.5° | 473 | 424 | 406 | 393 | 406 | 424 | 473 | 521 | 570 | 610 | 614 |
| 75° | 641 | 592 | 579 | 566 | 579 | 592 | 641 | 689 | 733 | 769 | 769 |
| 72.5° | 875 | 853 | 817 | 786 | 817 | 853 | 875 | 906 | 932 | 950 | 941 |
| 70° | 1131 | 1140 | 1131 | 1118 | 1131 | 1140 | 1131 | 1127 | 1127 | 1122 | 1113 |
| 67.5° | 1343 | 1352 | 1352 | 1356 | 1352 | 1352 | 1343 | 1339 | 1330 | 1312 | 1294 |
| 65° | 1573 | 1577 | 1590 | 1595 | 1590 | 1577 | 1573 | 1560 | 1546 | 1524 | 1498 |
| 62.5° | 1838 | 1851 | 1860 | 1860 | 1860 | 1851 | 1838 | 1825 | 1803 | 1772 | 1736 |
| 60° | 2156 | 2174 | 2196 | 2200 | 2196 | 2174 | 2156 | 2134 | 2099 | 2059 | 2015 |
| 57.5° | 2536 | 2558 | 2589 | 2598 | 2589 | 2558 | 2536 | 2501 | 2456 | 2403 | 2337 |
| 55° | 2995 | 3026 | 3044 | 3035 | 3044 | 3026 | 2995 | 2951 | 2889 | 2819 | 2730 |
| 52.5° | 3592 | 3645 | 3680 | 3662 | 3680 | 3645 | 3592 | 3517 | 3428 | 3322 | 3203 |
| 50° | 4312 | 4378 | 4422 | 4409 | 4422 | 4378 | 4312 | 4215 | 4095 | 3950 | 3782 |
| 47.5° | 5213 | 5306 | 5381 | 5385 | 5381 | 5306 | 5213 | 5085 | 4922 | 4727 | 4497 |
| 45° | 6397 | 6534 | 6636 | 6618 | 6636 | 6534 | 6397 | 6207 | 5969 | 5686 | 5403 |
| 42.5° | 7935 | 8124 | 8275 | 8261 | 8275 | 8124 | 7935 | 7669 | 7325 | 6910 | 6485 |
| 40° | 9741 | 9976 | 10174 | 10227 | 10174 | 9976 | 9741 | 9410 | 8964 | 8438 | 7899 |
| 37.5° | 11601 | 11902 | 12154 | 12127 | 12154 | 11902 | 11601 | 11221 | 10753 | 10166 | 9525 |
| 35° | 13470 | 13784 | 14031 | 14053 | 14031 | 13784 | 13470 | 13059 | 12564 | 11968 | 11239 |
| 32.5° | 15427 | 15776 | 16068 | 16108 | 16068 | 15776 | 15427 | 14963 | 14380 | 13700 | 12940 |
| 30° | 17468 | 17888 | 18237 | 18308 | 18237 | 17888 | 17468 | 16929 | 16275 | 15511 | 14628 |
| 27.5° | 19615 | 20115 | 20446 | 20574 | 20446 | 20115 | 19615 | 18966 | 18153 | 17349 | 16381 |
| 25° | 21829 | 22372 | 22743 | 22951 | 22743 | 22372 | 21829 | 21126 | 20247 | 19262 | 18131 |
| 22.5° | 24139 | 24784 | 25266 | 25495 | 25266 | 24784 | 24139 | 23322 | 22332 | 21197 | 19898 |
| 20° | 26525 | 27227 | 27788 | 28027 | 27788 | 27227 | 26525 | 25571 | 24444 | 23074 | 21625 |
| 17.5° | 28955 | 29812 | 30435 | 30739 | 30435 | 29812 | 28955 | 27943 | 26538 | 24943 | 23291 |
| 15° | 31314 | 32224 | 32900 | 33227 | 32900 | 32224 | 31314 | 30112 | 28539 | 26772 | 24912 |
| 12.5° | 33501 | 34464 | 35140 | 35612 | 35140 | 34464 | 33501 | 32135 | 30430 | 28526 | 26463 |
| 10° | 35453 | 36505 | 37189 | 37680 | 37189 | 36505 | 35453 | 33925 | 32069 | 30046 | 27837 |
| 7.5° | 36916 | 38245 | 39018 | 39500 | 39018 | 38245 | 36916 | 35307 | 33364 | 31190 | 28853 |
| 5° | 38038 | 39504 | 40207 | 40662 | 40207 | 39504 | 38038 | 36381 | 34393 | 32144 | 29759 |
| 2.5° | 38859 | 40017 | 40896 | 41351 | 40896 | 40017 | 38859 | 37167 | 34954 | 32644 | 30205 |
| 0° | 39182 | 40543 | 41166 | 41462 | 41166 | 40543 | 39182 | 37410 | 35330 | 32820 | 30320 |
| -2.5° | 38859 | 40017 | 40896 | 41351 | 40896 | 40017 | 38859 | 37167 | 34954 | 32644 | 30205 |
| -5° | 38038 | 39504 | 40207 | 40662 | 40207 | 39504 | 38038 | 36381 | 34393 | 32144 | 29759 |
| -7.5° | 36916 | 38245 | 39018 | 39500 | 39018 | 38245 | 36916 | 35307 | 33364 | 31190 | 28853 |
| -10° | 35453 | 36505 | 37189 | 37680 | 37189 | 36505 | 35453 | 33925 | 32069 | 30046 | 27837 |
| -12.5° | 33501 | 34464 | 35140 | 35612 | 35140 | 34464 | 33501 | 32135 | 30430 | 28526 | 26463 |
| -15° | 31314 | 32224 | 32900 | 33227 | 32900 | 32224 | 31314 | 30112 | 28539 | 26772 | 24912 |
| -17.5° | 28955 | 29812 | 30435 | 30739 | 30435 | 29812 | 28955 | 27943 | 26538 | 24943 | 23291 |
| -20° | 26525 | 27227 | 27788 | 28027 | 27788 | 27227 | 26525 | 25571 | 24444 | 23074 | 21625 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 24139 | 24784 | 25266 | 25495 | 25266 | 24784 | 24139 | 23322 | 22332 | 21197 | 19898 |
| -25° | 21829 | 22372 | 22743 | 22951 | 22743 | 22372 | 21829 | 21126 | 20247 | 19262 | 18131 |
| -27.5° | 19615 | 20115 | 20446 | 20574 | 20446 | 20115 | 19615 | 18966 | 18153 | 17349 | 16381 |
| -30° | 17468 | 17888 | 18237 | 18308 | 18237 | 17888 | 17468 | 16929 | 16275 | 15511 | 14628 |
| -32.5° | 15427 | 15776 | 16068 | 16108 | 16068 | 15776 | 15427 | 14963 | 14380 | 13700 | 12940 |
| -35° | 13470 | 13784 | 14031 | 14053 | 14031 | 13784 | 13470 | 13059 | 12564 | 11968 | 11239 |
| -37.5° | 11601 | 11902 | 12154 | 12127 | 12154 | 11902 | 11601 | 11221 | 10753 | 10166 | 9525 |
| -40° | 9741 | 9976 | 10174 | 10227 | 10174 | 9976 | 9741 | 9410 | 8964 | 8438 | 7899 |
| -42.5° | 7935 | 8124 | 8275 | 8261 | 8275 | 8124 | 7935 | 7669 | 7325 | 6910 | 6485 |
| -45° | 6397 | 6534 | 6636 | 6618 | 6636 | 6534 | 6397 | 6207 | 5969 | 5686 | 5403 |
| -47.5° | 5213 | 5306 | 5381 | 5385 | 5381 | 5306 | 5213 | 5085 | 4922 | 4727 | 4497 |
| -50° | 4312 | 4378 | 4422 | 4409 | 4422 | 4378 | 4312 | 4215 | 4095 | 3950 | 3782 |
| -52.5° | 3592 | 3645 | 3680 | 3662 | 3680 | 3645 | 3592 | 3517 | 3428 | 3322 | 3203 |
| -55° | 2995 | 3026 | 3044 | 3035 | 3044 | 3026 | 2995 | 2951 | 2889 | 2819 | 2730 |
| -57.5° | 2536 | 2558 | 2589 | 2598 | 2589 | 2558 | 2536 | 2501 | 2456 | 2403 | 2337 |
| -60° | 2156 | 2174 | 2196 | 2200 | 2196 | 2174 | 2156 | 2134 | 2099 | 2059 | 2015 |
| -62.5° | 1838 | 1851 | 1860 | 1860 | 1860 | 1851 | 1838 | 1825 | 1803 | 1772 | 1736 |
| -65° | 1573 | 1577 | 1590 | 1595 | 1590 | 1577 | 1573 | 1560 | 1546 | 1524 | 1498 |
| -67.5° | 1343 | 1352 | 1352 | 1356 | 1352 | 1352 | 1343 | 1339 | 1330 | 1312 | 1294 |
| -70° | 1131 | 1140 | 1131 | 1118 | 1131 | 1140 | 1131 | 1127 | 1127 | 1122 | 1113 |
| -72.5° | 875 | 853 | 817 | 786 | 817 | 853 | 875 | 906 | 932 | 950 | 941 |
| -75° | 641 | 592 | 579 | 566 | 579 | 592 | 641 | 689 | 733 | 769 | 769 |
| -77.5° | 473 | 424 | 406 | 393 | 406 | 424 | 473 | 521 | 570 | 610 | 614 |
| -80° | 349 | 296 | 287 | 278 | 287 | 296 | 349 | 389 | 433 | 477 | 482 |
| -82.5° | 247 | 203 | 194 | 186 | 194 | 203 | 247 | 283 | 323 | 358 | 367 |
| -85° | 155 | 128 | 124 | 115 | 124 | 128 | 155 | 181 | 203 | 225 | 225 |
| -87.5° | 75 | 62 | 57 | 49 | 57 | 62 | 75 | 93 | 106 | 119 | 115 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 110 | 110 | 106 | 110 | 110 | 110 | 110 | 97 | 88 | 80 | 71 |
| 85° | 225 | 225 | 225 | 225 | 225 | 225 | 221 | 203 | 181 | 164 | 146 |
| 82.5° | 371 | 376 | 376 | 367 | 353 | 345 | 331 | 300 | 270 | 243 | 217 |
| 80° | 490 | 495 | 499 | 486 | 473 | 460 | 437 | 398 | 358 | 318 | 287 |
| 77.5° | 614 | 619 | 614 | 601 | 588 | 570 | 543 | 504 | 464 | 424 | 393 |
| 75° | 769 | 764 | 756 | 738 | 720 | 702 | 680 | 645 | 601 | 552 | 517 |
| 72.5° | 932 | 919 | 906 | 884 | 857 | 831 | 804 | 773 | 738 | 698 | 663 |
| 70° | 1096 | 1078 | 1056 | 1025 | 994 | 963 | 932 | 892 | 857 | 817 | 782 |
| 67.5° | 1272 | 1250 | 1219 | 1184 | 1144 | 1105 | 1065 | 1021 | 976 | 932 | 892 |
| 65° | 1467 | 1436 | 1396 | 1356 | 1312 | 1264 | 1211 | 1158 | 1109 | 1051 | 1003 |
| 62.5° | 1692 | 1643 | 1595 | 1551 | 1493 | 1436 | 1374 | 1312 | 1250 | 1188 | 1122 |
| 60° | 1962 | 1900 | 1842 | 1772 | 1701 | 1630 | 1555 | 1480 | 1401 | 1330 | 1250 |
| 57.5° | 2262 | 2187 | 2112 | 2032 | 1939 | 1851 | 1758 | 1661 | 1573 | 1480 | 1387 |
| 55° | 2633 | 2536 | 2434 | 2324 | 2213 | 2099 | 1984 | 1869 | 1758 | 1639 | 1537 |
| 52.5° | 3070 | 2947 | 2814 | 2664 | 2527 | 2381 | 2244 | 2099 | 1962 | 1825 | 1692 |
| 50° | 3614 | 3446 | 3260 | 3066 | 2889 | 2699 | 2523 | 2350 | 2182 | 2023 | 1864 |
| 47.5° | 4277 | 4042 | 3791 | 3552 | 3309 | 3062 | 2850 | 2642 | 2430 | 2231 | 2054 |
| 45° | 5081 | 4758 | 4418 | 4117 | 3791 | 3499 | 3203 | 2947 | 2699 | 2474 | 2249 |
| 42.5° | 6079 | 5624 | 5195 | 4785 | 4365 | 3994 | 3623 | 3305 | 3004 | 2726 | 2474 |
| 40° | 7329 | 6684 | 6145 | 5575 | 5072 | 4559 | 4122 | 3711 | 3340 | 3009 | 2699 |
| 37.5° | 8809 | 8054 | 7294 | 6521 | 5880 | 5248 | 4670 | 4162 | 3715 | 3313 | 2956 |
| 35° | 10426 | 9560 | 8633 | 7714 | 6781 | 6030 | 5301 | 4665 | 4122 | 3636 | 3221 |
| 32.5° | 12136 | 11102 | 10073 | 9008 | 7926 | 6887 | 6026 | 5235 | 4555 | 3998 | 3508 |
| 30° | 13660 | 12617 | 11500 | 10338 | 9127 | 7917 | 6795 | 5876 | 5067 | 4365 | 3799 |
| 27.5° | 15277 | 14093 | 12887 | 11641 | 10342 | 8995 | 7696 | 6525 | 5580 | 4789 | 4122 |
| 25° | 16889 | 15586 | 14239 | 12891 | 11517 | 10077 | 8588 | 7267 | 6145 | 5209 | 4409 |
| 22.5° | 18484 | 17057 | 15591 | 14062 | 12604 | 11084 | 9529 | 7988 | 6667 | 5624 | 4745 |
| 20° | 20097 | 18493 | 16903 | 15246 | 13620 | 12070 | 10400 | 8747 | 7281 | 6053 | 5054 |
| 17.5° | 21634 | 19894 | 18091 | 16284 | 14570 | 12878 | 11177 | 9481 | 7846 | 6441 | 5363 |
| 15° | 23088 | 21148 | 19209 | 17261 | 15392 | 13656 | 11871 | 10117 | 8381 | 6852 | 5633 |
| 12.5° | 24342 | 22217 | 20198 | 18162 | 16174 | 14327 | 12485 | 10669 | 8884 | 7250 | 5907 |
| 10° | 25482 | 23194 | 21060 | 18944 | 16885 | 14906 | 12993 | 11129 | 9295 | 7572 | 6128 |
| 7.5° | 26454 | 24064 | 21780 | 19549 | 17411 | 15343 | 13377 | 11482 | 9613 | 7820 | 6300 |
| 5° | 27201 | 24652 | 22266 | 19942 | 17760 | 15635 | 13651 | 11734 | 9839 | 7996 | 6410 |
| 2.5° | 27554 | 25001 | 22527 | 20159 | 18060 | 15895 | 13899 | 11959 | 10029 | 8164 | 6530 |
| 0° | 27731 | 25129 | 22646 | 20344 | 18188 | 16001 | 13965 | 11990 | 10024 | 8186 | 6538 |
| -2.5° | 27554 | 25001 | 22527 | 20159 | 18060 | 15895 | 13899 | 11959 | 10029 | 8164 | 6530 |
| -5° | 27201 | 24652 | 22266 | 19942 | 17760 | 15635 | 13651 | 11734 | 9839 | 7996 | 6410 |
| -7.5° | 26454 | 24064 | 21780 | 19549 | 17411 | 15343 | 13377 | 11482 | 9613 | 7820 | 6300 |
| -10° | 25482 | 23194 | 21060 | 18944 | 16885 | 14906 | 12993 | 11129 | 9295 | 7572 | 6128 |
| -12.5° | 24342 | 22217 | 20198 | 18162 | 16174 | 14327 | 12485 | 10669 | 8884 | 7250 | 5907 |
| -15° | 23088 | 21148 | 19209 | 17261 | 15392 | 13656 | 11871 | 10117 | 8381 | 6852 | 5633 |
| -17.5° | 21634 | 19894 | 18091 | 16284 | 14570 | 12878 | 11177 | 9481 | 7846 | 6441 | 5363 |
| -20° | 20097 | 18493 | 16903 | 15246 | 13620 | 12070 | 10400 | 8747 | 7281 | 6053 | 5054 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|
| -22.5° | 18484 | 17057 | 15591 | 14062 | 12604 | 11084 | 9529 | 7988 | 6667 | 5624 | 4745 |
| -25° | 16889 | 15586 | 14239 | 12891 | 11517 | 10077 | 8588 | 7267 | 6145 | 5209 | 4409 |
| -27.5° | 15277 | 14093 | 12887 | 11641 | 10342 | 8995 | 7696 | 6525 | 5580 | 4789 | 4122 |
| -30° | 13660 | 12617 | 11500 | 10338 | 9127 | 7917 | 6795 | 5876 | 5067 | 4365 | 3799 |
| -32.5° | 12136 | 11102 | 10073 | 9008 | 7926 | 6887 | 6026 | 5235 | 4555 | 3998 | 3508 |
| -35° | 10426 | 9560 | 8633 | 7714 | 6781 | 6030 | 5301 | 4665 | 4122 | 3636 | 3221 |
| -37.5° | 8809 | 8054 | 7294 | 6521 | 5880 | 5248 | 4670 | 4162 | 3715 | 3313 | 2956 |
| -40° | 7329 | 6684 | 6145 | 5575 | 5072 | 4559 | 4122 | 3711 | 3340 | 3009 | 2699 |
| -42.5° | 6079 | 5624 | 5195 | 4785 | 4365 | 3994 | 3623 | 3305 | 3004 | 2726 | 2474 |
| -45° | 5081 | 4758 | 4418 | 4117 | 3791 | 3499 | 3203 | 2947 | 2699 | 2474 | 2249 |
| -47.5° | 4277 | 4042 | 3791 | 3552 | 3309 | 3062 | 2850 | 2642 | 2430 | 2231 | 2054 |
| -50° | 3614 | 3446 | 3260 | 3066 | 2889 | 2699 | 2523 | 2350 | 2182 | 2023 | 1864 |
| -52.5° | 3070 | 2947 | 2814 | 2664 | 2527 | 2381 | 2244 | 2099 | 1962 | 1825 | 1692 |
| -55° | 2633 | 2536 | 2434 | 2324 | 2213 | 2099 | 1984 | 1869 | 1758 | 1639 | 1537 |
| -57.5° | 2262 | 2187 | 2112 | 2032 | 1939 | 1851 | 1758 | 1661 | 1573 | 1480 | 1387 |
| -60° | 1962 | 1900 | 1842 | 1772 | 1701 | 1630 | 1555 | 1480 | 1401 | 1330 | 1250 |
| -62.5° | 1692 | 1643 | 1595 | 1551 | 1493 | 1436 | 1374 | 1312 | 1250 | 1188 | 1122 |
| -65° | 1467 | 1436 | 1396 | 1356 | 1312 | 1264 | 1211 | 1158 | 1109 | 1051 | 1003 |
| -67.5° | 1272 | 1250 | 1219 | 1184 | 1144 | 1105 | 1065 | 1021 | 976 | 932 | 892 |
| -70° | 1096 | 1078 | 1056 | 1025 | 994 | 963 | 932 | 892 | 857 | 817 | 782 |
| -72.5° | 932 | 919 | 906 | 884 | 857 | 831 | 804 | 773 | 738 | 698 | 663 |
| -75° | 769 | 764 | 756 | 738 | 720 | 702 | 680 | 645 | 601 | 552 | 517 |
| -77.5° | 614 | 619 | 614 | 601 | 588 | 570 | 543 | 504 | 464 | 424 | 393 |
| -80° | 490 | 495 | 499 | 486 | 473 | 460 | 437 | 398 | 358 | 318 | 287 |
| -82.5° | 371 | 376 | 376 | 367 | 353 | 345 | 331 | 300 | 270 | 243 | 217 |
| -85° | 225 | 225 | 225 | 225 | 225 | 225 | 221 | 203 | 181 | 164 | 146 |
| -87.5° | 110 | 110 | 106 | 110 | 110 | 110 | 110 | 97 | 88 | 80 | 71 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 75 | 80 | 84 | 84 | 84 | 80 | 75 | 71 | 62 | 57 | 53 |
| 85° | 155 | 159 | 168 | 172 | 164 | 159 | 146 | 137 | 128 | 115 | 106 |
| 82.5° | 230 | 239 | 247 | 247 | 239 | 230 | 217 | 203 | 190 | 172 | 155 |
| 80° | 305 | 318 | 331 | 331 | 318 | 300 | 283 | 265 | 247 | 225 | 203 |
| 77.5° | 402 | 411 | 415 | 420 | 402 | 384 | 362 | 331 | 305 | 278 | 252 |
| 75° | 508 | 508 | 513 | 504 | 486 | 473 | 442 | 406 | 367 | 331 | 296 |
| 72.5° | 636 | 614 | 605 | 592 | 561 | 535 | 513 | 482 | 429 | 380 | 340 |
| 70° | 747 | 716 | 689 | 663 | 632 | 596 | 570 | 530 | 486 | 429 | 380 |
| 67.5° | 853 | 813 | 773 | 738 | 698 | 663 | 623 | 574 | 526 | 473 | 420 |
| 65° | 959 | 910 | 862 | 813 | 769 | 725 | 680 | 623 | 566 | 513 | 455 |
| 62.5° | 1065 | 1007 | 950 | 892 | 839 | 786 | 738 | 672 | 605 | 548 | 486 |
| 60° | 1175 | 1113 | 1047 | 981 | 915 | 853 | 791 | 720 | 649 | 579 | 517 |
| 57.5° | 1303 | 1215 | 1140 | 1065 | 990 | 919 | 844 | 769 | 694 | 619 | 543 |
| 55° | 1431 | 1334 | 1237 | 1153 | 1069 | 990 | 901 | 817 | 733 | 654 | 570 |
| 52.5° | 1568 | 1454 | 1347 | 1241 | 1149 | 1056 | 963 | 875 | 778 | 689 | 588 |
| 50° | 1719 | 1582 | 1458 | 1339 | 1228 | 1127 | 1025 | 923 | 822 | 725 | 610 |
| 47.5° | 1878 | 1719 | 1573 | 1436 | 1317 | 1193 | 1082 | 976 | 866 | 764 | 632 |
| 45° | 2054 | 1864 | 1692 | 1542 | 1396 | 1264 | 1144 | 1025 | 910 | 791 | 645 |
| 42.5° | 2227 | 2019 | 1825 | 1639 | 1484 | 1334 | 1206 | 1078 | 954 | 813 | 667 |
| 40° | 2430 | 2174 | 1957 | 1758 | 1573 | 1405 | 1259 | 1127 | 998 | 839 | 685 |
| 37.5° | 2642 | 2346 | 2094 | 1864 | 1661 | 1480 | 1321 | 1171 | 1029 | 866 | 702 |
| 35° | 2854 | 2523 | 2231 | 1975 | 1754 | 1555 | 1378 | 1219 | 1060 | 888 | 720 |
| 32.5° | 3075 | 2699 | 2368 | 2085 | 1842 | 1630 | 1436 | 1264 | 1096 | 915 | 733 |
| 30° | 3318 | 2885 | 2509 | 2191 | 1926 | 1697 | 1493 | 1308 | 1131 | 937 | 747 |
| 27.5° | 3548 | 3057 | 2646 | 2306 | 2015 | 1767 | 1546 | 1352 | 1171 | 959 | 764 |
| 25° | 3777 | 3243 | 2792 | 2412 | 2099 | 1829 | 1599 | 1392 | 1206 | 985 | 778 |
| 22.5° | 4025 | 3424 | 2925 | 2514 | 2174 | 1891 | 1648 | 1436 | 1237 | 1012 | 791 |
| 20° | 4250 | 3587 | 3040 | 2611 | 2253 | 1953 | 1697 | 1471 | 1264 | 1038 | 804 |
| 17.5° | 4458 | 3755 | 3181 | 2713 | 2328 | 2010 | 1736 | 1502 | 1290 | 1060 | 813 |
| 15° | 4683 | 3923 | 3305 | 2801 | 2395 | 2059 | 1776 | 1533 | 1312 | 1082 | 817 |
| 12.5° | 4877 | 4064 | 3411 | 2880 | 2452 | 2099 | 1807 | 1555 | 1334 | 1105 | 826 |
| 10° | 5036 | 4179 | 3499 | 2942 | 2496 | 2134 | 1829 | 1577 | 1347 | 1118 | 831 |
| 7.5° | 5160 | 4268 | 3565 | 2991 | 2531 | 2160 | 1851 | 1590 | 1361 | 1131 | 831 |
| 5° | 5253 | 4334 | 3609 | 3026 | 2558 | 2182 | 1869 | 1604 | 1374 | 1149 | 835 |
| 2.5° | 5337 | 4405 | 3645 | 3057 | 2580 | 2200 | 1882 | 1613 | 1374 | 1144 | 826 |
| 0° | 5350 | 4418 | 3640 | 3057 | 2580 | 2205 | 1882 | 1613 | 1370 | 1140 | 817 |
| -2.5° | 5337 | 4405 | 3645 | 3057 | 2580 | 2200 | 1882 | 1613 | 1374 | 1144 | 826 |
| -5° | 5253 | 4334 | 3609 | 3026 | 2558 | 2182 | 1869 | 1604 | 1374 | 1149 | 835 |
| -7.5° | 5160 | 4268 | 3565 | 2991 | 2531 | 2160 | 1851 | 1590 | 1361 | 1131 | 831 |
| -10° | 5036 | 4179 | 3499 | 2942 | 2496 | 2134 | 1829 | 1577 | 1347 | 1118 | 831 |
| -12.5° | 4877 | 4064 | 3411 | 2880 | 2452 | 2099 | 1807 | 1555 | 1334 | 1105 | 826 |
| -15° | 4683 | 3923 | 3305 | 2801 | 2395 | 2059 | 1776 | 1533 | 1312 | 1082 | 817 |
| -17.5° | 4458 | 3755 | 3181 | 2713 | 2328 | 2010 | 1736 | 1502 | 1290 | 1060 | 813 |
| -20° | 4250 | 3587 | 3040 | 2611 | 2253 | 1953 | 1697 | 1471 | 1264 | 1038 | 804 |



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CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| -22.5° | 4025 | 3424 | 2925 | 2514 | 2174 | 1891 | 1648 | 1436 | 1237 | 1012 | 791 |
| -25° | 3777 | 3243 | 2792 | 2412 | 2099 | 1829 | 1599 | 1392 | 1206 | 985 | 778 |
| -27.5° | 3548 | 3057 | 2646 | 2306 | 2015 | 1767 | 1546 | 1352 | 1171 | 959 | 764 |
| -30° | 3318 | 2885 | 2509 | 2191 | 1926 | 1697 | 1493 | 1308 | 1131 | 937 | 747 |
| -32.5° | 3075 | 2699 | 2368 | 2085 | 1842 | 1630 | 1436 | 1264 | 1096 | 915 | 733 |
| -35° | 2854 | 2523 | 2231 | 1975 | 1754 | 1555 | 1378 | 1219 | 1060 | 888 | 720 |
| -37.5° | 2642 | 2346 | 2094 | 1864 | 1661 | 1480 | 1321 | 1171 | 1029 | 866 | 702 |
| -40° | 2430 | 2174 | 1957 | 1758 | 1573 | 1405 | 1259 | 1127 | 998 | 839 | 685 |
| -42.5° | 2227 | 2019 | 1825 | 1639 | 1484 | 1334 | 1206 | 1078 | 954 | 813 | 667 |
| -45° | 2054 | 1864 | 1692 | 1542 | 1396 | 1264 | 1144 | 1025 | 910 | 791 | 645 |
| -47.5° | 1878 | 1719 | 1573 | 1436 | 1317 | 1193 | 1082 | 976 | 866 | 764 | 632 |
| -50° | 1719 | 1582 | 1458 | 1339 | 1228 | 1127 | 1025 | 923 | 822 | 725 | 610 |
| -52.5° | 1568 | 1454 | 1347 | 1241 | 1149 | 1056 | 963 | 875 | 778 | 689 | 588 |
| -55° | 1431 | 1334 | 1237 | 1153 | 1069 | 990 | 901 | 817 | 733 | 654 | 570 |
| -57.5° | 1303 | 1215 | 1140 | 1065 | 990 | 919 | 844 | 769 | 694 | 619 | 543 |
| -60° | 1175 | 1113 | 1047 | 981 | 915 | 853 | 791 | 720 | 649 | 579 | 517 |
| -62.5° | 1065 | 1007 | 950 | 892 | 839 | 786 | 738 | 672 | 605 | 548 | 486 |
| -65° | 959 | 910 | 862 | 813 | 769 | 725 | 680 | 623 | 566 | 513 | 455 |
| -67.5° | 853 | 813 | 773 | 738 | 698 | 663 | 623 | 574 | 526 | 473 | 420 |
| -70° | 747 | 716 | 689 | 663 | 632 | 596 | 570 | 530 | 486 | 429 | 380 |
| -72.5° | 636 | 614 | 605 | 592 | 561 | 535 | 513 | 482 | 429 | 380 | 340 |
| -75° | 508 | 508 | 513 | 504 | 486 | 473 | 442 | 406 | 367 | 331 | 296 |
| -77.5° | 402 | 411 | 415 | 420 | 402 | 384 | 362 | 331 | 305 | 278 | 252 |
| -80° | 305 | 318 | 331 | 331 | 318 | 300 | 283 | 265 | 247 | 225 | 203 |
| -82.5° | 230 | 239 | 247 | 247 | 239 | 230 | 217 | 203 | 190 | 172 | 155 |
| -85° | 155 | 159 | 168 | 172 | 164 | 159 | 146 | 137 | 128 | 115 | 106 |
| -87.5° | 75 | 80 | 84 | 84 | 84 | 80 | 75 | 71 | 62 | 57 | 53 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 44 | 35 | 27 | 18 | 9 | 4 | 0 |
| 85° | 93 | 71 | 49 | 31 | 18 | 9 | 0 |
| 82.5° | 137 | 102 | 75 | 49 | 31 | 13 | 0 |
| 80° | 181 | 137 | 97 | 66 | 40 | 18 | 0 |
| 77.5° | 221 | 168 | 124 | 80 | 49 | 22 | 0 |
| 75° | 256 | 194 | 146 | 97 | 57 | 27 | 0 |
| 72.5° | 292 | 221 | 164 | 110 | 66 | 31 | 0 |
| 70° | 327 | 247 | 181 | 128 | 75 | 35 | 0 |
| 67.5° | 353 | 270 | 199 | 137 | 84 | 40 | 0 |
| 65° | 376 | 292 | 212 | 146 | 93 | 40 | 0 |
| 62.5° | 398 | 309 | 225 | 155 | 102 | 44 | 0 |
| 60° | 424 | 327 | 243 | 164 | 106 | 49 | 0 |
| 57.5° | 442 | 340 | 252 | 172 | 110 | 53 | 0 |
| 55° | 460 | 358 | 261 | 181 | 119 | 57 | 0 |
| 52.5° | 477 | 371 | 274 | 186 | 124 | 57 | 0 |
| 50° | 490 | 384 | 283 | 190 | 128 | 62 | 0 |
| 47.5° | 508 | 393 | 287 | 194 | 133 | 66 | 0 |
| 45° | 521 | 406 | 296 | 199 | 137 | 66 | 0 |
| 42.5° | 535 | 415 | 300 | 203 | 137 | 71 | 0 |
| 40° | 548 | 420 | 309 | 212 | 141 | 75 | 0 |
| 37.5° | 557 | 429 | 314 | 217 | 146 | 75 | 0 |
| 35° | 561 | 433 | 318 | 221 | 150 | 80 | 0 |
| 32.5° | 570 | 442 | 323 | 230 | 150 | 80 | 0 |
| 30° | 583 | 442 | 323 | 234 | 155 | 80 | 0 |
| 27.5° | 592 | 446 | 331 | 234 | 155 | 84 | 0 |
| 25° | 596 | 446 | 336 | 239 | 159 | 84 | 0 |
| 22.5° | 601 | 451 | 340 | 243 | 159 | 84 | 0 |
| 20° | 605 | 455 | 345 | 247 | 164 | 88 | 0 |
| 17.5° | 610 | 464 | 349 | 247 | 164 | 88 | 0 |
| 15° | 619 | 468 | 349 | 247 | 164 | 93 | 0 |
| 12.5° | 623 | 468 | 349 | 252 | 164 | 93 | 0 |
| 10° | 627 | 473 | 349 | 252 | 168 | 88 | 0 |
| 7.5° | 627 | 473 | 353 | 252 | 168 | 88 | 0 |
| 5° | 627 | 477 | 349 | 252 | 164 | 88 | 0 |
| 2.5° | 619 | 477 | 349 | 247 | 164 | 88 | 0 |
| 0° | 614 | 473 | 345 | 247 | 164 | 88 | 0 |
| -2.5° | 619 | 477 | 349 | 247 | 164 | 88 | 0 |
| -5° | 627 | 477 | 349 | 252 | 164 | 88 | 0 |
| -7.5° | 627 | 473 | 353 | 252 | 168 | 88 | 0 |
| -10° | 627 | 473 | 349 | 252 | 168 | 88 | 0 |
| -12.5° | 623 | 468 | 349 | 252 | 164 | 93 | 0 |
| -15° | 619 | 468 | 349 | 247 | 164 | 93 | 0 |
| -17.5° | 610 | 464 | 349 | 247 | 164 | 88 | 0 |
| -20° | 605 | 455 | 345 | 247 | 164 | 88 | 0 |



REPORT NUMBER: P622362
 CATALOG NUMBER: EPH-VN-07-E-940-U-66

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 601 | 451 | 340 | 243 | 159 | 84 | 0 |
| -25° | 596 | 446 | 336 | 239 | 159 | 84 | 0 |
| -27.5° | 592 | 446 | 331 | 234 | 155 | 84 | 0 |
| -30° | 583 | 442 | 323 | 234 | 155 | 80 | 0 |
| -32.5° | 570 | 442 | 323 | 230 | 150 | 80 | 0 |
| -35° | 561 | 433 | 318 | 221 | 150 | 80 | 0 |
| -37.5° | 557 | 429 | 314 | 217 | 146 | 75 | 0 |
| -40° | 548 | 420 | 309 | 212 | 141 | 75 | 0 |
| -42.5° | 535 | 415 | 300 | 203 | 137 | 71 | 0 |
| -45° | 521 | 406 | 296 | 199 | 137 | 66 | 0 |
| -47.5° | 508 | 393 | 287 | 194 | 133 | 66 | 0 |
| -50° | 490 | 384 | 283 | 190 | 128 | 62 | 0 |
| -52.5° | 477 | 371 | 274 | 186 | 124 | 57 | 0 |
| -55° | 460 | 358 | 261 | 181 | 119 | 57 | 0 |
| -57.5° | 442 | 340 | 252 | 172 | 110 | 53 | 0 |
| -60° | 424 | 327 | 243 | 164 | 106 | 49 | 0 |
| -62.5° | 398 | 309 | 225 | 155 | 102 | 44 | 0 |
| -65° | 376 | 292 | 212 | 146 | 93 | 40 | 0 |
| -67.5° | 353 | 270 | 199 | 137 | 84 | 40 | 0 |
| -70° | 327 | 247 | 181 | 128 | 75 | 35 | 0 |
| -72.5° | 292 | 221 | 164 | 110 | 66 | 31 | 0 |
| -75° | 256 | 194 | 146 | 97 | 57 | 27 | 0 |
| -77.5° | 221 | 168 | 124 | 80 | 49 | 22 | 0 |
| -80° | 181 | 137 | 97 | 66 | 40 | 18 | 0 |
| -82.5° | 137 | 102 | 75 | 49 | 31 | 13 | 0 |
| -85° | 93 | 71 | 49 | 31 | 18 | 9 | 0 |
| -87.5° | 44 | 35 | 27 | 18 | 9 | 4 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

(END OF REPORT)