

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: CORELITE

Report Number: P13889

Luminaire Tested: **J2S-L-3L35-1C-UNV-SU-WA**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P13889
Test Lab: INNOVATION CENTER P-1
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: J2S-L-3L35-1C-UNV-SU-WA
Description: CORELITE 2' WALL MOUNTED LED FIXTURE WITH WHITE PAINTED REFLECTOR AND FROSTED LENS. TEST RAN WITH 3300 OHM RESISTOR INSTALLED.
Light Source: (49) ULM 3500K LED
1UT217049835
Ballast/Driver: (1) ADVANCE ELECTRONIC DRIVER
XI025C100V036XPL1

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1376.2 lumens
Efficiency: N/A
Efficacy: 56.6 lumens/watt
Spacing Criteria (0/90/45): 15.92 / 2.47 / 11.93
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.04' x H: 1.62')
CIE Type: General Diffuse

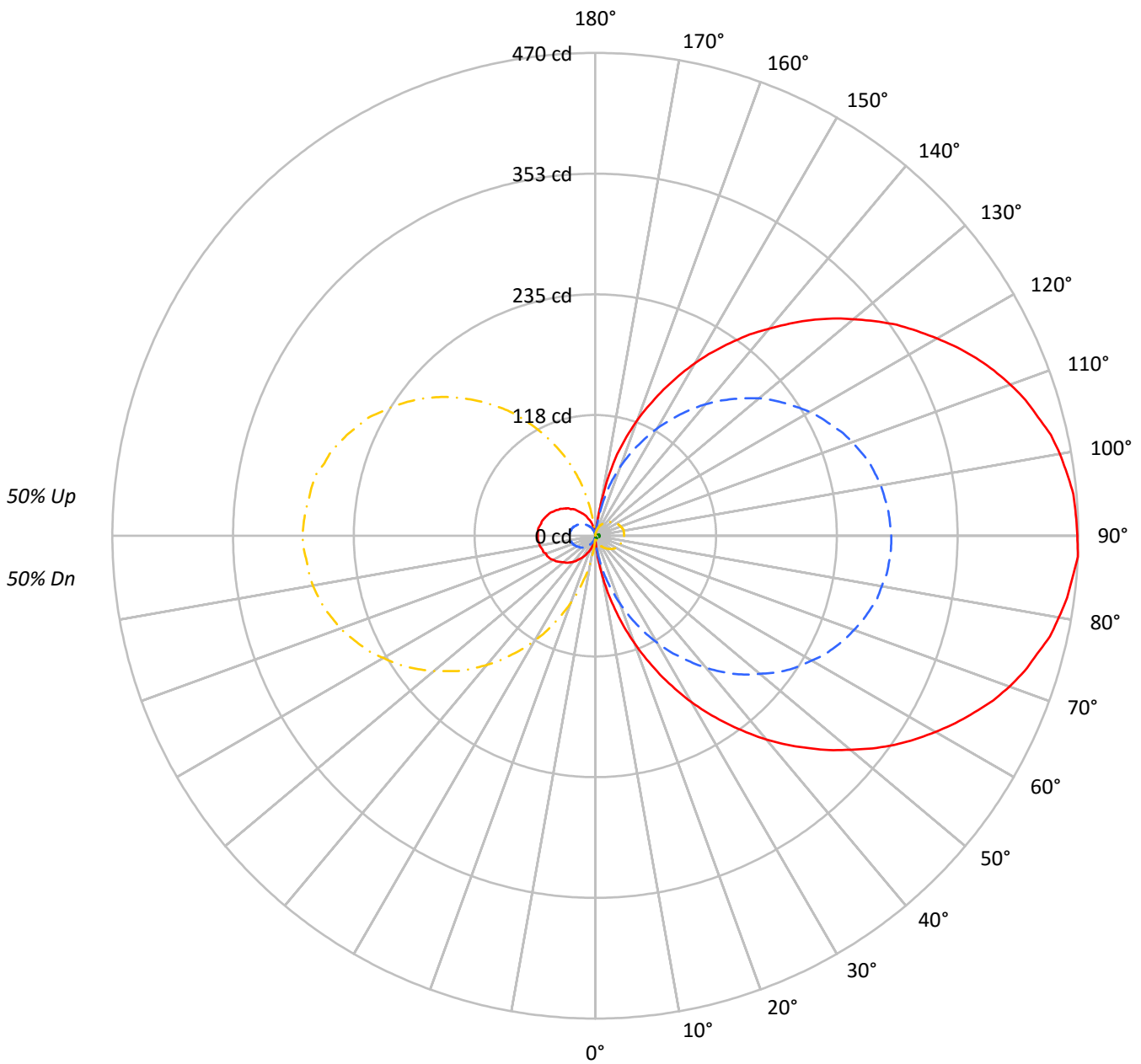
Input Watts (W): 24.3
Input Voltage (V): NR
Input Current (A_{in}): 0.92650
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ···· 90°-270° - · - · 135°-315°



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|--|----|----|----|--|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 | | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | | 50 | 30 | 10 | | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | | 69 | 69 | 69 | | 56 | 56 | 56 | 50 |
| 1 | 92 | 85 | 79 | 73 | 84 | 78 | 72 | 67 | 64 | 60 | 56 | | 52 | 48 | 45 | | 40 | 38 | 36 | 30 |
| 2 | 81 | 71 | 62 | 55 | 74 | 65 | 57 | 51 | 53 | 47 | 42 | | 42 | 37 | 33 | | 32 | 29 | 25 | 20 |
| 3 | 73 | 60 | 51 | 43 | 66 | 55 | 46 | 40 | 45 | 38 | 33 | | 35 | 30 | 26 | | 26 | 23 | 19 | 15 |
| 4 | 66 | 52 | 42 | 35 | 59 | 47 | 39 | 32 | 39 | 32 | 26 | | 30 | 25 | 20 | | 23 | 18 | 15 | 11 |
| 5 | 60 | 46 | 36 | 29 | 54 | 42 | 33 | 26 | 34 | 27 | 21 | | 26 | 21 | 17 | | 20 | 15 | 12 | 8 |
| 6 | 55 | 40 | 31 | 24 | 49 | 37 | 28 | 22 | 30 | 23 | 18 | | 23 | 18 | 14 | | 17 | 13 | 10 | 7 |
| 7 | 50 | 36 | 27 | 20 | 45 | 33 | 25 | 19 | 27 | 20 | 15 | | 21 | 16 | 12 | | 16 | 11 | 8 | 5 |
| 8 | 46 | 32 | 24 | 18 | 42 | 29 | 22 | 16 | 24 | 18 | 13 | | 19 | 14 | 10 | | 14 | 10 | 7 | 4 |
| 9 | 43 | 29 | 21 | 15 | 39 | 27 | 19 | 14 | 22 | 16 | 11 | | 17 | 12 | 9 | | 13 | 9 | 6 | 4 |
| 10 | 40 | 27 | 19 | 13 | 36 | 24 | 17 | 12 | 20 | 14 | 10 | | 16 | 11 | 7 | | 12 | 8 | 5 | 3 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-----|------|------|
| 0° | 689 | 689 | 689 | 689 |
| 5° | 2038 | 501 | 157 | 501 |
| 10° | 3552 | 397 | 444 | 0 |
| 15° | 4609 | 660 | 623 | 0 |
| 20° | 5355 | 569 | 724 | 0 |
| 25° | 5903 | 503 | 753 | 0 |
| 30° | 6325 | 681 | 812 | 0 |
| 35° | 6625 | 625 | 832 | 0 |
| 40° | 6906 | 582 | 880 | 0 |
| 45° | 7112 | 731 | 901 | 0 |
| 50° | 7314 | 695 | 903 | 0 |
| 55° | 7520 | 668 | 932 | 0 |
| 60° | 7678 | 648 | 945 | 0 |
| 65° | 7839 | 633 | 963 | 0 |
| 70° | 7990 | 624 | 950 | 0 |
| 75° | 8082 | 620 | 963 | 0 |
| 80° | 8178 | 620 | 982 | 0 |
| 85° | 8244 | 626 | 991 | 0 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 0.7 | 0.1 |
| 10°-20° | 7.2 | 0.5 |
| 20°-30° | 22.7 | 1.7 |
| 30°-40° | 45.8 | 3.3 |
| 40°-50° | 73.4 | 5.3 |
| 50°-60° | 102.3 | 7.4 |
| 60°-70° | 128.5 | 9.3 |
| 70°-80° | 148.2 | 10.8 |
| 80°-90° | 159.1 | 11.6 |
| 90°-100° | 158.8 | 11.5 |
| 100°-110° | 148.0 | 10.8 |
| 110°-120° | 127.9 | 9.3 |
| 120°-130° | 101.9 | 7.4 |
| 130°-140° | 73.5 | 5.3 |
| 140°-150° | 46.4 | 3.4 |
| 150°-160° | 23.6 | 1.7 |
| 160°-170° | 7.6 | 0.6 |
| 170°-180° | 0.4 | 0.0 |
| <hr/> | | |
| 0°-30° | 30.7 | 2.2 |
| 0°-40° | 76.5 | 5.6 |
| 0°-60° | 252.2 | 18.3 |
| 0°-90° | 688.0 | 50.0 |
| 90°-120° | 434.7 | 31.6 |
| 90°-150° | 656.5 | 47.7 |
| 90°-180° | 688.0 | 50.0 |
| 0°-180° | 1376.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 1 | 1 | 1 | 1 | 1 | |
| 5° | 13 | 1 | 1 | 1 | 13 | 2 |
| 15° | 74 | 2 | 10 | 0 | 74 | 22 |
| 25° | 149 | 2 | 19 | 0 | 149 | 70 |
| 35° | 223 | 3 | 28 | 0 | 223 | 141 |
| 45° | 292 | 4 | 37 | 0 | 292 | 227 |
| 55° | 355 | 4 | 44 | 0 | 355 | 318 |
| 65° | 407 | 4 | 50 | 0 | 407 | 404 |
| 75° | 445 | 4 | 53 | 0 | 445 | 471 |
| 85° | 466 | 4 | 56 | 0 | 466 | 379 |
| 90° | 469 | 4 | 56 | 0 | 469 | 257 |
| 95° | 467 | 4 | 56 | 0 | 467 | 380 |
| 105° | 446 | 4 | 54 | 0 | 446 | 472 |
| 115° | 409 | 3 | 50 | 0 | 409 | 406 |
| 125° | 358 | 3 | 44 | 0 | 358 | 321 |
| 135° | 297 | 3 | 38 | 0 | 297 | 230 |
| 145° | 229 | 2 | 29 | 0 | 229 | 145 |
| 155° | 157 | 2 | 21 | 0 | 157 | 74 |
| 165° | 82 | 1 | 11 | 0 | 82 | 24 |
| 175° | 0 | 1 | 2 | 0 | 0 | 1 |
| 180° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2.5° | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| 5° | 13 | 13 | 13 | 13 | 13 | 12 | 11 | 11 | 10 | 9 | 8 |
| 7.5° | 26 | 26 | 25 | 25 | 24 | 23 | 22 | 20 | 18 | 17 | 15 |
| 10° | 40 | 40 | 40 | 38 | 37 | 36 | 33 | 31 | 29 | 26 | 23 |
| 12.5° | 57 | 57 | 56 | 54 | 52 | 50 | 47 | 44 | 40 | 36 | 32 |
| 15° | 74 | 74 | 73 | 71 | 69 | 65 | 62 | 57 | 52 | 47 | 41 |
| 17.5° | 93 | 92 | 91 | 89 | 86 | 82 | 76 | 71 | 65 | 58 | 51 |
| 20° | 111 | 111 | 109 | 106 | 103 | 98 | 92 | 86 | 78 | 70 | 62 |
| 22.5° | 130 | 130 | 128 | 125 | 120 | 115 | 108 | 101 | 92 | 83 | 73 |
| 25° | 149 | 148 | 146 | 143 | 138 | 132 | 124 | 115 | 105 | 95 | 84 |
| 27.5° | 168 | 167 | 165 | 161 | 155 | 149 | 140 | 131 | 120 | 108 | 95 |
| 30° | 187 | 186 | 183 | 178 | 173 | 165 | 156 | 146 | 133 | 120 | 107 |
| 32.5° | 205 | 204 | 201 | 196 | 190 | 182 | 171 | 160 | 147 | 133 | 117 |
| 35° | 223 | 222 | 219 | 214 | 207 | 198 | 186 | 174 | 160 | 144 | 128 |
| 37.5° | 241 | 240 | 236 | 231 | 223 | 213 | 202 | 189 | 173 | 156 | 139 |
| 40° | 259 | 257 | 254 | 248 | 240 | 229 | 216 | 202 | 185 | 168 | 149 |
| 42.5° | 276 | 275 | 271 | 264 | 255 | 244 | 230 | 215 | 198 | 179 | 158 |
| 45° | 292 | 291 | 287 | 281 | 270 | 259 | 244 | 228 | 209 | 190 | 168 |
| 47.5° | 309 | 307 | 304 | 296 | 285 | 272 | 256 | 240 | 220 | 200 | 177 |
| 50° | 324 | 323 | 319 | 311 | 300 | 286 | 270 | 252 | 231 | 209 | 186 |
| 52.5° | 340 | 338 | 333 | 325 | 314 | 299 | 281 | 263 | 242 | 219 | 194 |
| 55° | 355 | 354 | 348 | 339 | 327 | 311 | 294 | 274 | 251 | 228 | 202 |
| 57.5° | 369 | 367 | 362 | 353 | 339 | 324 | 304 | 284 | 261 | 236 | 210 |
| 60° | 382 | 381 | 376 | 365 | 351 | 334 | 315 | 294 | 269 | 243 | 216 |
| 62.5° | 395 | 394 | 388 | 376 | 363 | 345 | 325 | 302 | 277 | 251 | 222 |
| 65° | 407 | 405 | 399 | 388 | 373 | 355 | 334 | 310 | 284 | 257 | 228 |
| 67.5° | 419 | 417 | 410 | 398 | 383 | 364 | 341 | 317 | 290 | 263 | 233 |
| 70° | 429 | 426 | 419 | 408 | 391 | 371 | 349 | 324 | 296 | 268 | 238 |
| 72.5° | 438 | 435 | 428 | 416 | 400 | 379 | 355 | 330 | 302 | 273 | 242 |
| 75° | 445 | 444 | 436 | 424 | 407 | 384 | 361 | 335 | 306 | 277 | 246 |
| 77.5° | 453 | 451 | 442 | 430 | 413 | 391 | 366 | 340 | 310 | 281 | 249 |
| 80° | 458 | 457 | 449 | 435 | 418 | 395 | 370 | 344 | 314 | 283 | 251 |
| 82.5° | 463 | 461 | 453 | 440 | 422 | 399 | 373 | 346 | 316 | 286 | 253 |
| 85° | 466 | 464 | 456 | 443 | 425 | 402 | 375 | 348 | 318 | 287 | 254 |
| 87.5° | 470 | 466 | 457 | 444 | 425 | 403 | 377 | 349 | 318 | 288 | 255 |
| 90° | 469 | 467 | 458 | 445 | 426 | 404 | 377 | 349 | 319 | 288 | 255 |
| 92.5° | 468 | 466 | 458 | 444 | 425 | 402 | 377 | 348 | 318 | 287 | 254 |
| 95° | 467 | 464 | 455 | 442 | 425 | 401 | 375 | 348 | 317 | 286 | 253 |
| 97.5° | 463 | 461 | 452 | 439 | 421 | 399 | 373 | 345 | 315 | 284 | 251 |
| 100° | 459 | 457 | 449 | 435 | 417 | 395 | 369 | 343 | 313 | 282 | 250 |
| 102.5° | 454 | 451 | 443 | 430 | 413 | 390 | 366 | 339 | 309 | 279 | 247 |
| 105° | 446 | 444 | 437 | 424 | 406 | 384 | 361 | 334 | 305 | 276 | 244 |
| 107.5° | 439 | 436 | 429 | 416 | 400 | 378 | 355 | 329 | 300 | 271 | 240 |
| 110° | 430 | 428 | 420 | 409 | 393 | 372 | 348 | 323 | 294 | 266 | 236 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 420 | 419 | 411 | 398 | 383 | 362 | 341 | 317 | 289 | 261 | 231 |
| 115° | 409 | 406 | 399 | 388 | 373 | 355 | 332 | 309 | 282 | 254 | 225 |
| 117.5° | 397 | 396 | 389 | 377 | 363 | 345 | 323 | 300 | 275 | 248 | 220 |
| 120° | 384 | 382 | 376 | 366 | 352 | 334 | 314 | 292 | 267 | 241 | 214 |
| 122.5° | 371 | 369 | 363 | 354 | 340 | 323 | 304 | 282 | 258 | 233 | 207 |
| 125° | 358 | 355 | 351 | 340 | 328 | 312 | 292 | 272 | 249 | 225 | 200 |
| 127.5° | 343 | 341 | 335 | 327 | 315 | 299 | 282 | 262 | 240 | 217 | 192 |
| 130° | 328 | 327 | 321 | 312 | 301 | 286 | 269 | 251 | 229 | 208 | 183 |
| 132.5° | 313 | 312 | 306 | 298 | 287 | 273 | 257 | 240 | 219 | 198 | 175 |
| 135° | 297 | 295 | 291 | 282 | 273 | 260 | 244 | 228 | 208 | 188 | 166 |
| 137.5° | 280 | 279 | 274 | 267 | 257 | 245 | 230 | 215 | 197 | 178 | 157 |
| 140° | 263 | 262 | 258 | 251 | 243 | 231 | 218 | 203 | 185 | 167 | 147 |
| 142.5° | 247 | 245 | 241 | 235 | 227 | 216 | 203 | 189 | 173 | 156 | 137 |
| 145° | 229 | 228 | 224 | 218 | 211 | 200 | 188 | 176 | 161 | 144 | 127 |
| 147.5° | 212 | 210 | 207 | 201 | 194 | 185 | 174 | 161 | 147 | 132 | 117 |
| 150° | 194 | 193 | 189 | 184 | 177 | 169 | 159 | 147 | 134 | 121 | 106 |
| 152.5° | 175 | 175 | 171 | 166 | 161 | 153 | 143 | 133 | 121 | 108 | 95 |
| 155° | 157 | 156 | 153 | 149 | 143 | 136 | 128 | 118 | 107 | 96 | 84 |
| 157.5° | 138 | 137 | 135 | 131 | 126 | 119 | 112 | 104 | 94 | 84 | 73 |
| 160° | 120 | 119 | 117 | 114 | 109 | 103 | 97 | 89 | 80 | 72 | 62 |
| 162.5° | 101 | 101 | 99 | 96 | 92 | 87 | 81 | 74 | 67 | 59 | 51 |
| 165° | 82 | 82 | 80 | 78 | 74 | 69 | 64 | 59 | 52 | 46 | 40 |
| 167.5° | 58 | 57 | 56 | 54 | 51 | 48 | 44 | 40 | 36 | 32 | 27 |
| 170° | 33 | 33 | 32 | 31 | 29 | 27 | 25 | 23 | 21 | 18 | 16 |
| 172.5° | 12 | 12 | 12 | 11 | 11 | 10 | 9 | 9 | 8 | 7 | 6 |
| 175° | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| 177.5° | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 112.5° | 135° | 157.5° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|--------|------|--------|
| 0° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2.5° | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 5° | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 0 | 0 |
| 7.5° | 13 | 11 | 9 | 7 | 5 | 3 | 2 | 1 | 1 | 1 | 2 |
| 10° | 20 | 16 | 13 | 10 | 7 | 5 | 3 | 1 | 2 | 3 | 4 |
| 12.5° | 27 | 23 | 18 | 14 | 10 | 6 | 3 | 2 | 3 | 4 | 6 |
| 15° | 36 | 30 | 24 | 18 | 13 | 8 | 4 | 2 | 4 | 5 | 8 |
| 17.5° | 44 | 37 | 30 | 23 | 16 | 10 | 5 | 2 | 4 | 6 | 10 |
| 20° | 53 | 44 | 35 | 27 | 19 | 12 | 6 | 2 | 5 | 7 | 12 |
| 22.5° | 63 | 52 | 42 | 32 | 23 | 14 | 7 | 2 | 6 | 9 | 13 |
| 25° | 72 | 60 | 48 | 36 | 26 | 16 | 7 | 2 | 6 | 9 | 15 |
| 27.5° | 82 | 68 | 54 | 42 | 30 | 19 | 9 | 3 | 7 | 11 | 17 |
| 30° | 91 | 76 | 61 | 47 | 33 | 21 | 10 | 3 | 8 | 12 | 19 |
| 32.5° | 101 | 84 | 68 | 51 | 36 | 23 | 11 | 3 | 8 | 13 | 20 |
| 35° | 110 | 92 | 74 | 56 | 39 | 25 | 12 | 3 | 9 | 14 | 21 |
| 37.5° | 120 | 100 | 80 | 61 | 43 | 27 | 13 | 3 | 9 | 15 | 23 |
| 40° | 129 | 107 | 87 | 66 | 46 | 29 | 14 | 3 | 10 | 16 | 24 |
| 42.5° | 138 | 115 | 93 | 70 | 50 | 31 | 14 | 3 | 10 | 17 | 25 |
| 45° | 146 | 122 | 99 | 75 | 53 | 33 | 15 | 4 | 11 | 18 | 26 |
| 47.5° | 154 | 129 | 104 | 79 | 56 | 35 | 16 | 4 | 11 | 19 | 27 |
| 50° | 161 | 135 | 109 | 83 | 59 | 36 | 17 | 4 | 12 | 20 | 28 |
| 52.5° | 168 | 141 | 115 | 87 | 61 | 38 | 17 | 4 | 12 | 21 | 29 |
| 55° | 175 | 147 | 119 | 91 | 64 | 39 | 18 | 4 | 13 | 22 | 30 |
| 57.5° | 182 | 153 | 124 | 95 | 67 | 41 | 19 | 4 | 13 | 23 | 31 |
| 60° | 187 | 158 | 128 | 98 | 69 | 42 | 19 | 4 | 14 | 23 | 32 |
| 62.5° | 193 | 162 | 132 | 101 | 71 | 43 | 20 | 4 | 14 | 25 | 33 |
| 65° | 198 | 167 | 135 | 104 | 73 | 45 | 20 | 4 | 15 | 25 | 33 |
| 67.5° | 203 | 170 | 139 | 106 | 75 | 46 | 20 | 4 | 15 | 25 | 34 |
| 70° | 206 | 174 | 141 | 108 | 76 | 46 | 21 | 4 | 15 | 25 | 34 |
| 72.5° | 210 | 177 | 144 | 110 | 78 | 47 | 21 | 4 | 15 | 26 | 34 |
| 75° | 213 | 179 | 146 | 111 | 78 | 48 | 21 | 4 | 15 | 26 | 34 |
| 77.5° | 215 | 182 | 148 | 113 | 80 | 48 | 22 | 4 | 16 | 27 | 35 |
| 80° | 218 | 184 | 149 | 114 | 80 | 49 | 22 | 4 | 16 | 28 | 35 |
| 82.5° | 220 | 184 | 150 | 115 | 81 | 49 | 22 | 4 | 16 | 28 | 35 |
| 85° | 220 | 185 | 151 | 116 | 81 | 50 | 22 | 4 | 16 | 28 | 36 |
| 87.5° | 221 | 186 | 151 | 116 | 81 | 49 | 22 | 4 | 16 | 28 | 35 |
| 90° | 221 | 186 | 151 | 116 | 81 | 49 | 22 | 4 | 16 | 28 | 35 |
| 92.5° | 220 | 186 | 151 | 115 | 81 | 49 | 21 | 4 | 16 | 28 | 35 |
| 95° | 220 | 185 | 150 | 115 | 81 | 49 | 21 | 4 | 16 | 28 | 35 |
| 97.5° | 218 | 183 | 149 | 114 | 80 | 48 | 21 | 4 | 16 | 28 | 34 |
| 100° | 217 | 182 | 148 | 113 | 79 | 48 | 21 | 4 | 16 | 28 | 34 |
| 102.5° | 214 | 180 | 146 | 112 | 78 | 47 | 21 | 4 | 16 | 28 | 33 |
| 105° | 211 | 178 | 145 | 110 | 77 | 46 | 20 | 4 | 16 | 27 | 33 |
| 107.5° | 208 | 175 | 142 | 108 | 75 | 45 | 20 | 4 | 16 | 27 | 32 |
| 110° | 204 | 172 | 139 | 106 | 74 | 45 | 19 | 4 | 15 | 26 | 31 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 112.5° | 135° | 157.5° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|--------|------|--------|
| 112.5° | 200 | 168 | 136 | 103 | 72 | 43 | 18 | 3 | 15 | 26 | 31 |
| 115° | 195 | 164 | 133 | 101 | 70 | 42 | 18 | 3 | 15 | 25 | 30 |
| 117.5° | 190 | 160 | 129 | 98 | 68 | 41 | 17 | 3 | 15 | 25 | 29 |
| 120° | 184 | 155 | 125 | 94 | 66 | 39 | 16 | 3 | 14 | 24 | 28 |
| 122.5° | 178 | 150 | 120 | 91 | 63 | 38 | 16 | 3 | 14 | 23 | 27 |
| 125° | 173 | 144 | 117 | 88 | 61 | 36 | 15 | 3 | 13 | 22 | 27 |
| 127.5° | 166 | 138 | 111 | 84 | 58 | 34 | 14 | 3 | 13 | 21 | 26 |
| 130° | 158 | 132 | 106 | 80 | 55 | 33 | 14 | 3 | 12 | 21 | 25 |
| 132.5° | 151 | 126 | 101 | 76 | 52 | 31 | 13 | 3 | 12 | 20 | 24 |
| 135° | 143 | 119 | 95 | 71 | 49 | 29 | 12 | 3 | 11 | 19 | 23 |
| 137.5° | 134 | 112 | 89 | 67 | 46 | 27 | 11 | 3 | 11 | 18 | 22 |
| 140° | 127 | 105 | 84 | 62 | 43 | 25 | 11 | 3 | 10 | 17 | 21 |
| 142.5° | 118 | 97 | 77 | 58 | 40 | 23 | 9 | 3 | 10 | 16 | 20 |
| 145° | 109 | 90 | 71 | 53 | 36 | 21 | 9 | 2 | 9 | 15 | 19 |
| 147.5° | 99 | 82 | 65 | 48 | 33 | 19 | 8 | 2 | 9 | 14 | 18 |
| 150° | 90 | 74 | 58 | 43 | 29 | 17 | 7 | 2 | 8 | 13 | 17 |
| 152.5° | 80 | 66 | 52 | 38 | 26 | 15 | 6 | 2 | 8 | 12 | 16 |
| 155° | 71 | 58 | 45 | 33 | 23 | 13 | 5 | 2 | 7 | 11 | 15 |
| 157.5° | 61 | 50 | 39 | 29 | 19 | 11 | 4 | 2 | 6 | 9 | 14 |
| 160° | 52 | 42 | 33 | 24 | 16 | 9 | 3 | 2 | 6 | 8 | 13 |
| 162.5° | 42 | 34 | 26 | 19 | 13 | 7 | 3 | 2 | 5 | 7 | 11 |
| 165° | 33 | 27 | 21 | 15 | 10 | 5 | 2 | 1 | 4 | 6 | 9 |
| 167.5° | 23 | 19 | 14 | 10 | 7 | 3 | 1 | 2 | 3 | 5 | 7 |
| 170° | 13 | 11 | 8 | 6 | 4 | 2 | 1 | 1 | 2 | 3 | 6 |
| 172.5° | 5 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 2 | 2 | 4 |
| 175° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 177.5° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 180° | 202.5° | 225° | 247.5° | 270° | 275° | 280° | 285° | 290° | 295° | 300° |
|--------|------|--------|------|--------|------|------|------|------|------|------|------|
| 0° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 5° | 1 | 1 | 1 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 |
| 7.5° | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 5 | 7 | 9 | 11 |
| 10° | 5 | 4 | 2 | 1 | 0 | 2 | 5 | 7 | 10 | 13 | 17 |
| 12.5° | 7 | 6 | 3 | 1 | 0 | 3 | 6 | 10 | 14 | 18 | 23 |
| 15° | 10 | 9 | 4 | 2 | 0 | 4 | 8 | 13 | 18 | 23 | 29 |
| 17.5° | 12 | 11 | 5 | 2 | 0 | 4 | 9 | 15 | 22 | 29 | 36 |
| 20° | 15 | 13 | 6 | 3 | 0 | 5 | 11 | 18 | 26 | 34 | 43 |
| 22.5° | 17 | 15 | 7 | 3 | 0 | 5 | 13 | 21 | 30 | 40 | 51 |
| 25° | 19 | 17 | 8 | 3 | 0 | 6 | 14 | 24 | 35 | 46 | 58 |
| 27.5° | 22 | 19 | 9 | 4 | 0 | 7 | 16 | 27 | 39 | 52 | 66 |
| 30° | 24 | 21 | 10 | 4 | 0 | 7 | 18 | 30 | 44 | 58 | 74 |
| 32.5° | 26 | 22 | 11 | 5 | 0 | 8 | 19 | 33 | 48 | 64 | 82 |
| 35° | 28 | 23 | 12 | 6 | 0 | 8 | 21 | 36 | 52 | 70 | 89 |
| 37.5° | 31 | 25 | 13 | 6 | 0 | 9 | 23 | 39 | 57 | 76 | 97 |
| 40° | 33 | 26 | 14 | 6 | 0 | 9 | 24 | 42 | 61 | 82 | 104 |
| 42.5° | 35 | 27 | 15 | 7 | 0 | 10 | 26 | 44 | 66 | 87 | 111 |
| 45° | 37 | 28 | 16 | 7 | 0 | 11 | 27 | 47 | 69 | 93 | 118 |
| 47.5° | 39 | 28 | 17 | 7 | 0 | 11 | 29 | 50 | 73 | 98 | 124 |
| 50° | 40 | 29 | 18 | 8 | 0 | 11 | 30 | 52 | 77 | 103 | 130 |
| 52.5° | 42 | 29 | 19 | 8 | 0 | 12 | 32 | 55 | 81 | 108 | 137 |
| 55° | 44 | 30 | 19 | 8 | 0 | 12 | 33 | 57 | 84 | 113 | 142 |
| 57.5° | 46 | 31 | 20 | 9 | 0 | 13 | 34 | 59 | 88 | 117 | 147 |
| 60° | 47 | 31 | 21 | 9 | 0 | 13 | 36 | 62 | 91 | 121 | 153 |
| 62.5° | 49 | 31 | 21 | 10 | 0 | 13 | 36 | 63 | 93 | 125 | 157 |
| 65° | 50 | 32 | 22 | 10 | 0 | 14 | 37 | 65 | 96 | 128 | 162 |
| 67.5° | 51 | 32 | 23 | 10 | 0 | 14 | 38 | 67 | 99 | 132 | 165 |
| 70° | 51 | 32 | 23 | 10 | 0 | 14 | 39 | 68 | 100 | 134 | 168 |
| 72.5° | 53 | 32 | 24 | 10 | 0 | 15 | 40 | 70 | 103 | 137 | 172 |
| 75° | 53 | 32 | 24 | 10 | 0 | 15 | 40 | 70 | 104 | 139 | 174 |
| 77.5° | 54 | 32 | 24 | 11 | 0 | 15 | 41 | 72 | 106 | 141 | 177 |
| 80° | 55 | 32 | 25 | 11 | 0 | 15 | 42 | 73 | 107 | 142 | 179 |
| 82.5° | 55 | 32 | 25 | 11 | 0 | 15 | 42 | 73 | 108 | 143 | 180 |
| 85° | 56 | 32 | 25 | 11 | 0 | 15 | 42 | 74 | 109 | 144 | 181 |
| 87.5° | 56 | 32 | 25 | 11 | 0 | 15 | 42 | 74 | 109 | 144 | 181 |
| 90° | 56 | 31 | 25 | 11 | 0 | 16 | 42 | 74 | 109 | 145 | 182 |
| 92.5° | 56 | 30 | 25 | 11 | 0 | 15 | 42 | 74 | 109 | 145 | 182 |
| 95° | 56 | 30 | 25 | 11 | 0 | 16 | 42 | 74 | 109 | 144 | 181 |
| 97.5° | 56 | 29 | 25 | 11 | 0 | 15 | 42 | 74 | 108 | 144 | 181 |
| 100° | 55 | 29 | 25 | 11 | 0 | 16 | 42 | 73 | 108 | 143 | 179 |
| 102.5° | 54 | 28 | 24 | 11 | 0 | 15 | 41 | 72 | 107 | 141 | 178 |
| 105° | 54 | 27 | 24 | 11 | 0 | 15 | 41 | 72 | 105 | 140 | 175 |
| 107.5° | 53 | 26 | 24 | 10 | 0 | 15 | 40 | 70 | 104 | 138 | 173 |
| 110° | 52 | 25 | 23 | 10 | 0 | 15 | 40 | 69 | 102 | 135 | 170 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 180° | 202.5° | 225° | 247.5° | 270° | 275° | 280° | 285° | 290° | 295° | 300° |
|--------|------|--------|------|--------|------|------|------|------|------|------|------|
| 112.5° | 51 | 24 | 23 | 10 | 0 | 15 | 39 | 68 | 100 | 133 | 167 |
| 115° | 50 | 23 | 22 | 9 | 0 | 14 | 38 | 66 | 98 | 129 | 163 |
| 117.5° | 49 | 23 | 21 | 9 | 0 | 14 | 37 | 65 | 95 | 127 | 159 |
| 120° | 47 | 22 | 21 | 9 | 0 | 14 | 36 | 63 | 93 | 123 | 155 |
| 122.5° | 46 | 21 | 20 | 9 | 0 | 13 | 35 | 61 | 90 | 119 | 150 |
| 125° | 44 | 21 | 19 | 8 | 0 | 13 | 34 | 59 | 86 | 115 | 145 |
| 127.5° | 43 | 20 | 18 | 8 | 0 | 12 | 33 | 57 | 83 | 111 | 140 |
| 130° | 41 | 20 | 17 | 7 | 0 | 12 | 32 | 54 | 80 | 106 | 134 |
| 132.5° | 39 | 19 | 16 | 7 | 0 | 12 | 30 | 52 | 76 | 102 | 128 |
| 135° | 38 | 19 | 15 | 7 | 0 | 11 | 29 | 49 | 73 | 96 | 122 |
| 137.5° | 35 | 18 | 15 | 6 | 0 | 10 | 27 | 47 | 69 | 91 | 115 |
| 140° | 34 | 18 | 14 | 6 | 0 | 10 | 26 | 44 | 65 | 86 | 108 |
| 142.5° | 32 | 18 | 13 | 6 | 0 | 10 | 24 | 41 | 60 | 80 | 102 |
| 145° | 29 | 17 | 12 | 5 | 0 | 9 | 23 | 38 | 56 | 75 | 94 |
| 147.5° | 27 | 16 | 11 | 5 | 0 | 9 | 21 | 36 | 51 | 69 | 87 |
| 150° | 25 | 16 | 10 | 4 | 0 | 8 | 20 | 33 | 48 | 63 | 79 |
| 152.5° | 23 | 15 | 9 | 4 | 0 | 8 | 18 | 30 | 43 | 57 | 72 |
| 155° | 21 | 14 | 8 | 3 | 0 | 7 | 16 | 26 | 38 | 51 | 64 |
| 157.5° | 18 | 13 | 7 | 3 | 0 | 6 | 14 | 24 | 34 | 44 | 56 |
| 160° | 16 | 12 | 6 | 2 | 1 | 6 | 12 | 21 | 29 | 38 | 49 |
| 162.5° | 14 | 11 | 5 | 2 | 0 | 5 | 11 | 17 | 25 | 33 | 41 |
| 165° | 11 | 9 | 4 | 1 | 0 | 4 | 9 | 14 | 20 | 26 | 33 |
| 167.5° | 9 | 7 | 3 | 1 | 1 | 3 | 7 | 10 | 15 | 19 | 24 |
| 170° | 7 | 5 | 2 | 0 | 0 | 2 | 4 | 7 | 9 | 12 | 15 |
| 172.5° | 4 | 3 | 0 | 0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 175° | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 177.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 305° | 310° | 315° | 320° | 325° | 330° | 335° | 340° | 345° | 350° | 355° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 0° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2.5° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| 5° | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 12 | 13 | 13 | 13 |
| 7.5° | 13 | 15 | 16 | 18 | 20 | 22 | 22 | 24 | 24 | 25 | 26 |
| 10° | 20 | 23 | 25 | 28 | 31 | 33 | 35 | 37 | 38 | 39 | 40 |
| 12.5° | 27 | 31 | 36 | 40 | 43 | 47 | 49 | 52 | 54 | 56 | 57 |
| 15° | 35 | 41 | 46 | 51 | 56 | 61 | 65 | 68 | 71 | 73 | 74 |
| 17.5° | 43 | 51 | 58 | 64 | 71 | 76 | 81 | 85 | 88 | 91 | 92 |
| 20° | 52 | 61 | 69 | 78 | 85 | 92 | 98 | 102 | 106 | 109 | 111 |
| 22.5° | 61 | 71 | 81 | 91 | 99 | 107 | 115 | 120 | 124 | 127 | 129 |
| 25° | 70 | 82 | 93 | 104 | 114 | 123 | 130 | 137 | 142 | 146 | 148 |
| 27.5° | 79 | 93 | 106 | 118 | 129 | 139 | 147 | 154 | 160 | 165 | 167 |
| 30° | 89 | 103 | 118 | 131 | 143 | 154 | 164 | 172 | 178 | 183 | 186 |
| 32.5° | 98 | 115 | 130 | 144 | 157 | 170 | 180 | 189 | 196 | 201 | 204 |
| 35° | 107 | 124 | 141 | 157 | 172 | 184 | 196 | 205 | 212 | 218 | 222 |
| 37.5° | 116 | 134 | 153 | 170 | 186 | 199 | 211 | 222 | 230 | 236 | 239 |
| 40° | 124 | 144 | 164 | 182 | 198 | 214 | 227 | 238 | 247 | 253 | 257 |
| 42.5° | 133 | 154 | 175 | 194 | 211 | 227 | 242 | 253 | 263 | 269 | 274 |
| 45° | 141 | 164 | 186 | 206 | 224 | 241 | 256 | 269 | 279 | 286 | 291 |
| 47.5° | 148 | 173 | 195 | 217 | 237 | 254 | 270 | 284 | 294 | 301 | 307 |
| 50° | 156 | 181 | 205 | 228 | 248 | 267 | 283 | 298 | 309 | 317 | 323 |
| 52.5° | 163 | 189 | 214 | 238 | 259 | 279 | 297 | 312 | 324 | 332 | 338 |
| 55° | 170 | 197 | 223 | 248 | 270 | 290 | 309 | 325 | 337 | 346 | 353 |
| 57.5° | 176 | 204 | 231 | 256 | 280 | 302 | 321 | 337 | 351 | 361 | 367 |
| 60° | 182 | 211 | 238 | 265 | 289 | 312 | 332 | 350 | 364 | 373 | 381 |
| 62.5° | 187 | 217 | 246 | 273 | 299 | 322 | 343 | 361 | 375 | 386 | 393 |
| 65° | 193 | 222 | 252 | 280 | 306 | 331 | 353 | 372 | 387 | 398 | 406 |
| 67.5° | 197 | 228 | 258 | 288 | 314 | 339 | 362 | 381 | 397 | 408 | 416 |
| 70° | 201 | 232 | 264 | 293 | 320 | 346 | 369 | 389 | 406 | 418 | 426 |
| 72.5° | 204 | 237 | 268 | 299 | 327 | 354 | 377 | 398 | 415 | 428 | 435 |
| 75° | 207 | 240 | 273 | 304 | 332 | 358 | 383 | 405 | 421 | 435 | 443 |
| 77.5° | 210 | 244 | 276 | 308 | 337 | 364 | 390 | 411 | 429 | 442 | 450 |
| 80° | 213 | 246 | 279 | 311 | 340 | 369 | 394 | 416 | 434 | 447 | 457 |
| 82.5° | 214 | 249 | 281 | 314 | 344 | 371 | 397 | 420 | 438 | 451 | 461 |
| 85° | 215 | 250 | 282 | 315 | 345 | 374 | 400 | 423 | 441 | 454 | 464 |
| 87.5° | 216 | 251 | 284 | 317 | 347 | 376 | 402 | 424 | 443 | 458 | 466 |
| 90° | 217 | 251 | 285 | 317 | 347 | 376 | 402 | 425 | 444 | 458 | 467 |
| 92.5° | 216 | 251 | 284 | 316 | 346 | 375 | 402 | 424 | 443 | 457 | 465 |
| 95° | 216 | 250 | 283 | 316 | 346 | 375 | 401 | 424 | 441 | 455 | 464 |
| 97.5° | 215 | 249 | 281 | 314 | 343 | 372 | 398 | 420 | 439 | 452 | 461 |
| 100° | 213 | 248 | 280 | 312 | 341 | 369 | 395 | 417 | 435 | 449 | 457 |
| 102.5° | 211 | 245 | 278 | 308 | 338 | 365 | 391 | 412 | 429 | 443 | 451 |
| 105° | 208 | 242 | 273 | 304 | 333 | 360 | 385 | 407 | 423 | 436 | 444 |
| 107.5° | 206 | 238 | 270 | 300 | 329 | 355 | 379 | 400 | 416 | 429 | 437 |
| 110° | 202 | 235 | 265 | 295 | 322 | 348 | 372 | 392 | 408 | 421 | 427 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 305° | 310° | 315° | 320° | 325° | 330° | 335° | 340° | 345° | 350° | 355° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 198 | 230 | 260 | 289 | 316 | 341 | 364 | 383 | 399 | 411 | 418 |
| 115° | 194 | 224 | 254 | 282 | 309 | 333 | 355 | 374 | 389 | 400 | 406 |
| 117.5° | 190 | 219 | 249 | 276 | 301 | 324 | 346 | 364 | 379 | 389 | 395 |
| 120° | 184 | 214 | 241 | 268 | 293 | 315 | 335 | 353 | 367 | 378 | 383 |
| 122.5° | 179 | 207 | 234 | 259 | 283 | 305 | 324 | 341 | 354 | 363 | 370 |
| 125° | 172 | 200 | 226 | 251 | 274 | 294 | 313 | 329 | 342 | 351 | 356 |
| 127.5° | 166 | 193 | 218 | 242 | 263 | 283 | 301 | 316 | 328 | 336 | 341 |
| 130° | 159 | 185 | 209 | 232 | 252 | 271 | 288 | 302 | 313 | 322 | 327 |
| 132.5° | 152 | 177 | 200 | 222 | 241 | 259 | 275 | 289 | 299 | 307 | 311 |
| 135° | 145 | 168 | 190 | 211 | 229 | 246 | 261 | 274 | 284 | 291 | 295 |
| 137.5° | 137 | 159 | 180 | 200 | 217 | 233 | 247 | 259 | 268 | 275 | 278 |
| 140° | 129 | 150 | 170 | 188 | 205 | 220 | 233 | 244 | 253 | 259 | 262 |
| 142.5° | 121 | 141 | 159 | 176 | 192 | 206 | 219 | 229 | 237 | 243 | 246 |
| 145° | 112 | 131 | 149 | 164 | 179 | 192 | 204 | 213 | 220 | 226 | 229 |
| 147.5° | 104 | 121 | 137 | 152 | 165 | 177 | 187 | 197 | 203 | 208 | 211 |
| 150° | 95 | 110 | 125 | 139 | 151 | 162 | 172 | 180 | 186 | 190 | 193 |
| 152.5° | 86 | 100 | 113 | 126 | 137 | 147 | 156 | 163 | 169 | 173 | 175 |
| 155° | 77 | 89 | 101 | 112 | 123 | 132 | 140 | 146 | 151 | 155 | 157 |
| 157.5° | 67 | 79 | 89 | 99 | 108 | 116 | 123 | 129 | 134 | 136 | 138 |
| 160° | 58 | 68 | 77 | 86 | 94 | 101 | 107 | 112 | 116 | 118 | 120 |
| 162.5° | 49 | 57 | 64 | 72 | 79 | 85 | 90 | 95 | 98 | 100 | 102 |
| 165° | 39 | 45 | 52 | 57 | 62 | 68 | 72 | 76 | 79 | 81 | 82 |
| 167.5° | 28 | 33 | 37 | 41 | 45 | 49 | 52 | 54 | 56 | 57 | 58 |
| 170° | 18 | 20 | 23 | 25 | 27 | 29 | 31 | 32 | 33 | 34 | 34 |
| 172.5° | 7 | 9 | 9 | 10 | 11 | 12 | 12 | 12 | 13 | 13 | 13 |
| 175° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 177.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 360° |
|--------|------|
| 0° | 1 |
| 2.5° | 3 |
| 5° | 13 |
| 7.5° | 26 |
| 10° | 40 |
| 12.5° | 57 |
| 15° | 74 |
| 17.5° | 93 |
| 20° | 111 |
| 22.5° | 130 |
| 25° | 149 |
| 27.5° | 168 |
| 30° | 187 |
| 32.5° | 205 |
| 35° | 223 |
| 37.5° | 241 |
| 40° | 259 |
| 42.5° | 276 |
| 45° | 292 |
| 47.5° | 309 |
| 50° | 324 |
| 52.5° | 340 |
| 55° | 355 |
| 57.5° | 369 |
| 60° | 382 |
| 62.5° | 395 |
| 65° | 407 |
| 67.5° | 419 |
| 70° | 429 |
| 72.5° | 438 |
| 75° | 445 |
| 77.5° | 453 |
| 80° | 458 |
| 82.5° | 463 |
| 85° | 466 |
| 87.5° | 470 |
| 90° | 469 |
| 92.5° | 468 |
| 95° | 467 |
| 97.5° | 463 |
| 100° | 459 |
| 102.5° | 454 |
| 105° | 446 |
| 107.5° | 439 |
| 110° | 430 |



TEST NUMBER: P13889

CATALOG NUMBER: J2S-L-3L35-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

| | 360° |
|--------|------|
| 112.5° | 420 |
| 115° | 409 |
| 117.5° | 397 |
| 120° | 384 |
| 122.5° | 371 |
| 125° | 358 |
| 127.5° | 343 |
| 130° | 328 |
| 132.5° | 313 |
| 135° | 297 |
| 137.5° | 280 |
| 140° | 263 |
| 142.5° | 247 |
| 145° | 229 |
| 147.5° | 212 |
| 150° | 194 |
| 152.5° | 175 |
| 155° | 157 |
| 157.5° | 138 |
| 160° | 120 |
| 162.5° | 101 |
| 165° | 82 |
| 167.5° | 58 |
| 170° | 33 |
| 172.5° | 12 |
| 175° | 0 |
| 177.5° | 0 |
| 180° | 0 |

(END OF REPORT)