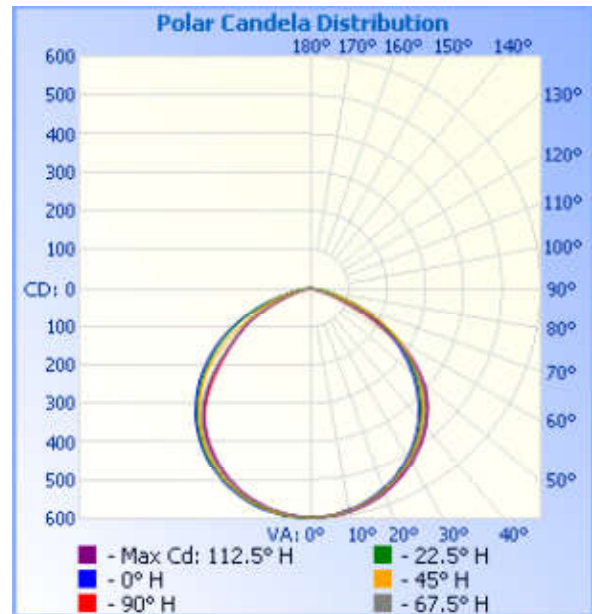


Photometrics Pro

Luminaire Photometric Report

Filename: snc-fl06-15wct1b1-30k-277v
Manufacturer: AST
Luminaire: AST-FL06-15WCT1A1-abcd30
Lamp Output: 1 lamp, rated Lumens/lamp: 1593.6
Max Candela: 597.7 at Horizontal: 112.5°, Vertical: 1°
Input Wattage: 14.55
Luminous Opening: Point
Photometry : Type C
Nema Type: 7 X 7

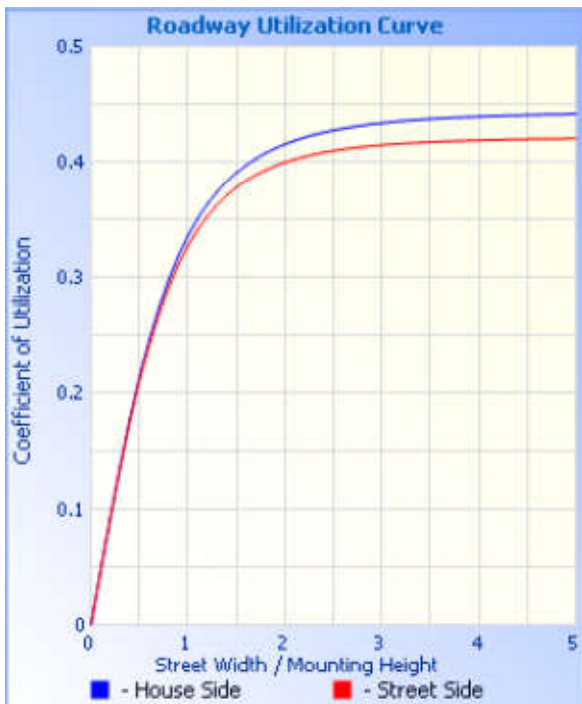
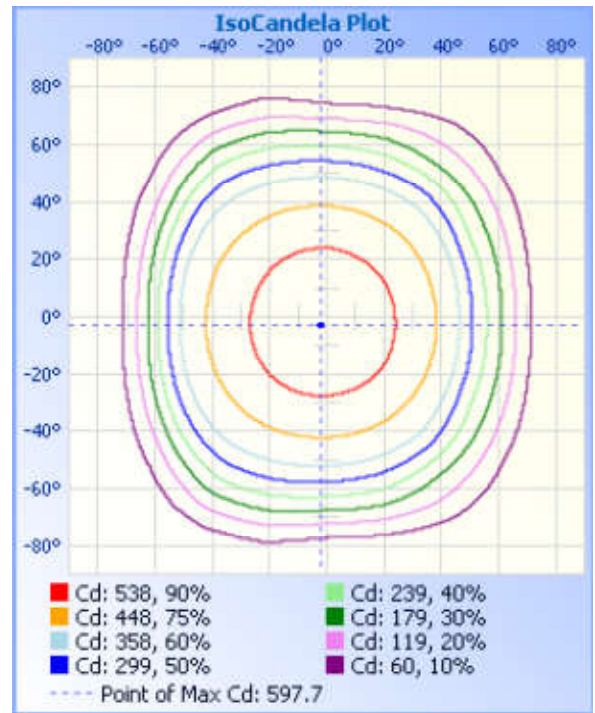
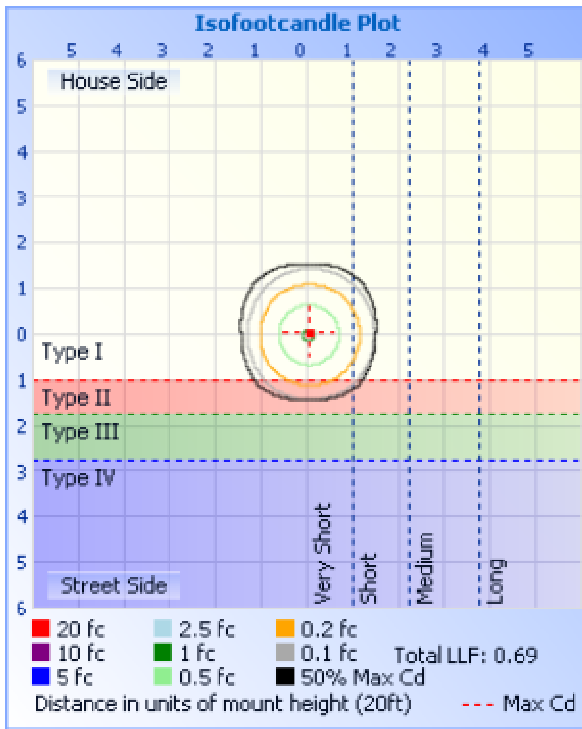


| Roadway Summary | | |
|------------------------|-------------|--------|
| Cutoff Classification: | FULL CUTOFF | |
| Distribution: | Type VS | |
| Max Cd, 90 Deg Vert: | 0 | |
| Max Cd, 80 to <90 Deg: | 53.7 | |
| | Lumens | % Lamp |
| Downward Street Side: | 777.1 | 48.8% |
| Downward House Side: | 816.4 | 51.2% |
| Downward Total: | 1,593.5 | 100% |
| Upward Street Side: | 0 | 0% |
| Upward House Side: | 0 | 0% |
| Upward Total: | 0 | 0% |
| Total Lumens: | 1,593.5 | 100% |

| Flood Summary | | | | |
|---------------|------------|---------|-------------------|-----------------|
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
| Field (10%): | 98.2% | 1,564.9 | 142.8 | 151.8 |
| Beam (50%): | 77.3% | 1,231.5 | 106.1 | 112 |
| Total: | 100% | 1,593.0 | | |

| Zonal Lumen Summary | | | |
|---------------------|---------|--------|-------------|
| Zone | Lumens | % Lamp | % Luminaire |
| 0-30 | 468.3 | 29.4% | 29.4% |
| 0-40 | 771.1 | 48.4% | 48.4% |
| 0-60 | 1,350.0 | 84.7% | 84.7% |
| 60-90 | 243.3 | 15.3% | 15.3% |
| 70-100 | 72.2 | 4.5% | 4.5% |
| 90-120 | 0 | 0% | 0% |
| 0-90 | 1,593.3 | 100% | 100% |
| 90-180 | 0 | 0% | 0% |
| 0-180 | 1,593.3 | 100% | 100% |

| Lumens Per Zone | | | | | |
|-----------------|--------|---------|---------|--------|---------|
| Zone | Lumens | % Total | Zone | Lumens | % Total |
| 0-10 | 56.5 | 3.5% | 90-100 | 0 | 0% |
| 10-20 | 162.8 | 10.2% | 100-110 | 0 | 0% |
| 20-30 | 248.9 | 15.6% | 110-120 | 0 | 0% |
| 30-40 | 302.9 | 19.0% | 120-130 | 0 | 0% |
| 40-50 | 312.5 | 19.6% | 130-140 | 0 | 0% |
| 50-60 | 266.3 | 16.7% | 140-150 | 0 | 0% |
| 60-70 | 171.1 | 10.7% | 150-160 | 0 | 0% |
| 70-80 | 64.5 | 4.0% | 160-170 | 0 | 0% |
| 80-90 | 7.7 | 0.5% | 170-180 | 0 | 0% |



Illuminance at a Distance

| | Center Beam fc | Beam Width | |
|---------|----------------|------------|----------|
| 17.0ft | 2.07 fc | 50.4 ft | 45.2 ft |
| 34.0ft | 0.52 fc | 100.9 ft | 90.4 ft |
| 51.0ft | 0.23 fc | 151.3 ft | 135.5 ft |
| 68.0ft | 0.13 fc | 201.8 ft | 180.7 ft |
| 85.0ft | 0.08 fc | 252.2 ft | 225.9 ft |
| 102.0ft | 0.06 fc | 302.6 ft | 271.1 ft |

■ Vert. Spread: 112.0°
■ Horiz. Spread: 106.1°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

| RCC %: | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCR: 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.00 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.10 | 1.06 | 1.02 | .98 | 1.07 | 1.03 | 1.00 | .87 | .99 | .96 | .94 | .95 | .93 | .91 | .92 | .90 | .88 | .86 |
| 2 | 1.00 | .93 | .87 | .81 | .98 | .91 | .85 | .74 | .87 | .83 | .78 | .84 | .80 | .77 | .81 | .78 | .75 | .73 |
| 3 | .92 | .82 | .74 | .68 | .90 | .80 | .73 | .64 | .77 | .71 | .66 | .75 | .70 | .65 | .72 | .68 | .64 | .62 |
| 4 | .84 | .73 | .64 | .58 | .82 | .72 | .64 | .55 | .69 | .62 | .57 | .67 | .61 | .56 | .65 | .60 | .55 | .53 |
| 5 | .78 | .65 | .57 | .50 | .76 | .64 | .56 | .48 | .62 | .55 | .49 | .60 | .54 | .49 | .58 | .53 | .48 | .46 |
| 6 | .72 | .59 | .50 | .44 | .70 | .58 | .50 | .42 | .56 | .49 | .43 | .54 | .48 | .43 | .53 | .47 | .43 | .40 |
| 7 | .66 | .53 | .45 | .39 | .65 | .52 | .44 | .38 | .51 | .44 | .38 | .50 | .43 | .38 | .48 | .42 | .38 | .36 |

| | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8 | .62 | .49 | .40 | .35 | .60 | .48 | .40 | .34 | .47 | .39 | .34 | .45 | .39 | .34 | .44 | .38 | .34 | .32 |
| 9 | .58 | .45 | .37 | .31 | .56 | .44 | .36 | .30 | .43 | .36 | .31 | .42 | .35 | .31 | .41 | .35 | .31 | .29 |
| 10 | .54 | .41 | .33 | .28 | .53 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .32 | .28 | .38 | .32 | .28 | .26 |

| Candela Table - Type C | | | | | | | | | | | | | | | | | |
|------------------------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | 360 |
| 0 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 | 597 |
| 1 | 596 | 597 | 598 | 597 | 597 | 598 | 597 | 597 | 597 | 597 | 596 | 596 | 597 | 595 | 597 | 596 | 596 |
| 2 | 596 | 597 | 597 | 597 | 597 | 598 | 597 | 597 | 597 | 597 | 596 | 595 | 596 | 595 | 596 | 595 | 596 |
| 3 | 596 | 597 | 595 | 596 | 596 | 596 | 597 | 597 | 597 | 597 | 596 | 594 | 595 | 594 | 595 | 594 | 596 |
| 4 | 594 | 596 | 594 | 595 | 596 | 596 | 597 | 597 | 596 | 597 | 595 | 594 | 594 | 593 | 593 | 593 | 594 |
| 5 | 594 | 595 | 594 | 594 | 596 | 596 | 597 | 597 | 597 | 597 | 595 | 594 | 592 | 592 | 592 | 593 | 594 |
| 6 | 593 | 594 | 593 | 594 | 595 | 595 | 596 | 596 | 596 | 596 | 594 | 592 | 591 | 591 | 590 | 591 | 593 |
| 7 | 592 | 591 | 591 | 592 | 595 | 594 | 596 | 594 | 595 | 595 | 592 | 591 | 589 | 590 | 589 | 589 | 592 |
| 8 | 588 | 590 | 591 | 591 | 594 | 594 | 595 | 594 | 593 | 594 | 591 | 589 | 588 | 588 | 587 | 587 | 588 |
| 9 | 587 | 589 | 589 | 591 | 591 | 593 | 594 | 592 | 592 | 592 | 590 | 587 | 588 | 586 | 586 | 585 | 587 |
| 10 | 585 | 588 | 588 | 589 | 590 | 592 | 593 | 592 | 590 | 590 | 589 | 585 | 586 | 584 | 584 | 583 | 585 |
| 11 | 584 | 586 | 586 | 588 | 588 | 590 | 590 | 591 | 590 | 588 | 586 | 583 | 583 | 582 | 581 | 581 | 584 |
| 12 | 581 | 584 | 583 | 586 | 587 | 588 | 588 | 589 | 588 | 587 | 584 | 581 | 580 | 578 | 579 | 579 | 581 |
| 13 | 579 | 581 | 581 | 584 | 585 | 587 | 586 | 587 | 586 | 585 | 581 | 579 | 577 | 576 | 576 | 576 | 579 |
| 14 | 576 | 577 | 579 | 580 | 583 | 584 | 585 | 585 | 584 | 583 | 579 | 576 | 575 | 573 | 573 | 574 | 576 |
| 15 | 573 | 575 | 576 | 578 | 581 | 581 | 584 | 582 | 581 | 580 | 577 | 573 | 572 | 570 | 570 | 571 | 573 |
| 16 | 570 | 572 | 574 | 575 | 579 | 579 | 582 | 580 | 579 | 577 | 574 | 571 | 569 | 567 | 566 | 567 | 570 |
| 17 | 567 | 569 | 571 | 572 | 576 | 576 | 579 | 578 | 577 | 575 | 572 | 568 | 565 | 564 | 563 | 564 | 567 |
| 18 | 563 | 566 | 569 | 570 | 572 | 575 | 576 | 575 | 573 | 572 | 567 | 564 | 562 | 561 | 561 | 560 | 563 |
| 19 | 560 | 563 | 565 | 567 | 569 | 572 | 573 | 572 | 571 | 567 | 564 | 560 | 559 | 556 | 557 | 556 | 560 |
| 20 | 556 | 558 | 561 | 564 | 566 | 569 | 569 | 569 | 567 | 564 | 560 | 556 | 554 | 552 | 553 | 552 | 556 |
| 21 | 553 | 555 | 557 | 559 | 562 | 564 | 566 | 566 | 564 | 561 | 557 | 552 | 550 | 547 | 549 | 548 | 553 |
| 22 | 548 | 552 | 553 | 556 | 559 | 561 | 563 | 563 | 561 | 557 | 553 | 548 | 546 | 543 | 543 | 544 | 548 |
| 23 | 544 | 548 | 549 | 552 | 555 | 557 | 559 | 559 | 557 | 554 | 549 | 544 | 540 | 539 | 538 | 540 | 544 |
| 24 | 539 | 543 | 545 | 548 | 551 | 554 | 555 | 555 | 553 | 550 | 545 | 540 | 535 | 534 | 534 | 536 | 539 |
| 25 | 535 | 537 | 540 | 543 | 548 | 549 | 552 | 550 | 547 | 546 | 540 | 535 | 530 | 529 | 529 | 531 | 535 |
| 26 | 529 | 533 | 537 | 539 | 544 | 546 | 548 | 546 | 543 | 540 | 535 | 529 | 526 | 523 | 524 | 524 | 529 |
| 27 | 524 | 529 | 532 | 534 | 538 | 541 | 543 | 541 | 538 | 535 | 531 | 524 | 520 | 518 | 519 | 520 | 524 |
| 28 | 519 | 523 | 526 | 530 | 534 | 537 | 539 | 538 | 534 | 530 | 525 | 518 | 514 | 512 | 513 | 514 | 519 |
| 29 | 514 | 518 | 521 | 526 | 529 | 532 | 533 | 533 | 529 | 525 | 519 | 512 | 508 | 505 | 508 | 509 | 514 |
| 30 | 508 | 513 | 516 | 521 | 524 | 527 | 527 | 528 | 525 | 521 | 513 | 506 | 501 | 499 | 501 | 503 | 508 |
| 31 | 502 | 507 | 511 | 516 | 519 | 522 | 522 | 523 | 519 | 515 | 507 | 501 | 496 | 493 | 495 | 498 | 502 |
| 32 | 496 | 500 | 505 | 509 | 515 | 516 | 517 | 517 | 513 | 509 | 502 | 495 | 490 | 487 | 487 | 491 | 496 |
| 33 | 489 | 494 | 498 | 504 | 510 | 511 | 512 | 511 | 507 | 504 | 496 | 487 | 483 | 481 | 481 | 485 | 489 |
| 34 | 483 | 488 | 492 | 498 | 504 | 505 | 507 | 505 | 501 | 496 | 490 | 482 | 475 | 474 | 474 | 477 | 483 |
| 35 | 476 | 482 | 486 | 492 | 499 | 500 | 501 | 499 | 495 | 490 | 483 | 475 | 469 | 467 | 467 | 471 | 476 |
| 36 | 470 | 474 | 480 | 487 | 492 | 495 | 495 | 492 | 488 | 484 | 475 | 467 | 462 | 459 | 460 | 463 | 470 |
| 37 | 462 | 468 | 474 | 481 | 486 | 489 | 488 | 486 | 481 | 476 | 468 | 460 | 455 | 452 | 453 | 456 | 462 |
| 38 | 455 | 460 | 467 | 475 | 480 | 483 | 482 | 480 | 474 | 470 | 461 | 453 | 447 | 444 | 446 | 448 | 455 |
| 39 | 447 | 453 | 460 | 468 | 474 | 475 | 475 | 473 | 468 | 462 | 454 | 445 | 438 | 437 | 438 | 441 | 447 |
| 40 | 440 | 446 | 452 | 461 | 467 | 468 | 468 | 466 | 461 | 455 | 446 | 437 | 428 | 428 | 428 | 433 | 440 |
| 41 | 432 | 438 | 444 | 454 | 460 | 462 | 461 | 459 | 453 | 447 | 438 | 428 | 416 | 419 | 421 | 425 | 432 |
| 42 | 424 | 431 | 438 | 447 | 453 | 455 | 454 | 452 | 446 | 439 | 430 | 418 | 405 | 409 | 412 | 416 | 424 |
| 43 | 416 | 421 | 430 | 440 | 445 | 448 | 447 | 444 | 437 | 431 | 421 | 409 | 394 | 399 | 403 | 409 | 416 |
| 44 | 406 | 413 | 423 | 431 | 438 | 440 | 440 | 435 | 428 | 421 | 413 | 396 | 381 | 387 | 395 | 398 | 406 |
| 45 | 397 | 404 | 414 | 423 | 429 | 433 | 432 | 427 | 419 | 413 | 405 | 385 | 369 | 375 | 386 | 389 | 397 |
| 46 | 388 | 396 | 405 | 415 | 420 | 424 | 424 | 418 | 411 | 404 | 396 | 373 | 355 | 364 | 377 | 380 | 388 |
| 47 | 379 | 387 | 398 | 406 | 410 | 416 | 415 | 410 | 403 | 395 | 385 | 359 | 343 | 351 | 367 | 370 | 379 |
| 48 | 369 | 378 | 389 | 397 | 400 | 407 | 406 | 402 | 394 | 385 | 376 | 345 | 328 | 336 | 357 | 361 | 369 |
| 49 | 360 | 369 | 380 | 388 | 390 | 398 | 398 | 393 | 384 | 376 | 366 | 333 | 315 | 322 | 347 | 351 | 360 |
| 50 | 350 | 358 | 371 | 376 | 378 | 388 | 389 | 384 | 375 | 367 | 355 | 319 | 302 | 309 | 335 | 341 | 350 |

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 51 | 339 | 348 | 361 | 365 | 366 | 376 | 380 | 373 | 364 | 356 | 343 | 305 | 289 | 295 | 324 | 330 | 339 |
| 52 | 329 | 338 | 351 | 353 | 354 | 366 | 371 | 364 | 354 | 346 | 332 | 290 | 278 | 280 | 312 | 319 | 329 |
| 53 | 318 | 328 | 342 | 341 | 341 | 355 | 362 | 354 | 344 | 335 | 319 | 277 | 265 | 267 | 300 | 309 | 318 |
| 54 | 308 | 317 | 332 | 328 | 325 | 343 | 352 | 343 | 332 | 325 | 305 | 264 | 255 | 252 | 287 | 298 | 308 |
| 55 | 296 | 307 | 321 | 315 | 311 | 329 | 343 | 334 | 323 | 312 | 292 | 251 | 245 | 240 | 274 | 286 | 296 |
| 56 | 285 | 297 | 310 | 302 | 296 | 317 | 331 | 323 | 312 | 302 | 278 | 239 | 235 | 228 | 260 | 275 | 285 |
| 57 | 274 | 286 | 299 | 287 | 278 | 303 | 320 | 313 | 301 | 291 | 265 | 229 | 224 | 217 | 247 | 264 | 274 |
| 58 | 262 | 276 | 286 | 270 | 262 | 287 | 309 | 302 | 289 | 280 | 250 | 219 | 214 | 207 | 231 | 253 | 262 |
| 59 | 250 | 265 | 275 | 255 | 245 | 272 | 297 | 291 | 278 | 269 | 236 | 207 | 202 | 197 | 218 | 241 | 250 |
| 60 | 239 | 254 | 263 | 238 | 228 | 257 | 286 | 281 | 267 | 257 | 222 | 196 | 189 | 186 | 204 | 230 | 239 |
| 61 | 227 | 243 | 251 | 223 | 211 | 241 | 275 | 269 | 254 | 246 | 208 | 184 | 177 | 174 | 190 | 219 | 227 |
| 62 | 214 | 231 | 237 | 204 | 193 | 223 | 262 | 257 | 241 | 234 | 195 | 173 | 165 | 163 | 178 | 206 | 214 |
| 63 | 202 | 220 | 224 | 188 | 176 | 207 | 249 | 246 | 229 | 221 | 183 | 161 | 151 | 152 | 166 | 194 | 202 |
| 64 | 190 | 208 | 211 | 172 | 160 | 191 | 237 | 234 | 217 | 210 | 173 | 149 | 138 | 140 | 155 | 183 | 190 |
| 65 | 178 | 196 | 198 | 156 | 142 | 175 | 224 | 224 | 205 | 198 | 163 | 138 | 125 | 129 | 147 | 172 | 178 |
| 66 | 165 | 184 | 183 | 138 | 127 | 157 | 211 | 212 | 192 | 186 | 152 | 125 | 113 | 116 | 138 | 160 | 165 |
| 67 | 153 | 173 | 170 | 123 | 113 | 142 | 196 | 200 | 179 | 175 | 143 | 113 | 100 | 105 | 128 | 148 | 153 |
| 68 | 139 | 162 | 156 | 109 | 100 | 126 | 183 | 188 | 166 | 163 | 133 | 102 | 88 | 94 | 119 | 137 | 139 |
| 69 | 125 | 149 | 142 | 96 | 87 | 112 | 170 | 177 | 154 | 151 | 124 | 90 | 77 | 83 | 109 | 125 | 125 |
| 70 | 110 | 137 | 128 | 82 | 76 | 96 | 155 | 163 | 143 | 139 | 114 | 80 | 68 | 73 | 100 | 112 | 110 |
| 71 | 97 | 125 | 115 | 71 | 67 | 84 | 142 | 152 | 130 | 125 | 105 | 69 | 58 | 63 | 90 | 99 | 97 |
| 72 | 86 | 113 | 102 | 62 | 59 | 73 | 130 | 141 | 116 | 113 | 95 | 60 | 50 | 55 | 80 | 86 | 86 |
| 73 | 75 | 100 | 90 | 52 | 49 | 62 | 117 | 129 | 102 | 101 | 83 | 51 | 43 | 46 | 72 | 74 | 75 |
| 74 | 67 | 90 | 77 | 44 | 40 | 53 | 103 | 116 | 90 | 87 | 74 | 43 | 36 | 39 | 64 | 65 | 67 |
| 75 | 58 | 82 | 67 | 34 | 28 | 45 | 91 | 104 | 78 | 75 | 65 | 37 | 28 | 33 | 55 | 55 | 58 |
| 76 | 49 | 73 | 56 | 24 | 22 | 36 | 79 | 92 | 68 | 65 | 56 | 31 | 23 | 25 | 46 | 47 | 49 |
| 77 | 39 | 65 | 45 | 18 | 20 | 22 | 68 | 82 | 58 | 56 | 48 | 22 | 19 | 19 | 37 | 41 | 39 |
| 78 | 31 | 58 | 36 | 16 | 17 | 19 | 56 | 72 | 48 | 49 | 40 | 18 | 16 | 16 | 31 | 35 | 31 |
| 79 | 26 | 50 | 23 | 14 | 15 | 15 | 45 | 65 | 38 | 43 | 32 | 15 | 13 | 13 | 23 | 28 | 26 |
| 80 | 20 | 41 | 16 | 12 | 13 | 13 | 34 | 54 | 31 | 36 | 26 | 11 | 11 | 9 | 17 | 24 | 20 |
| 81 | 13 | 35 | 12 | 10 | 10 | 11 | 22 | 46 | 23 | 31 | 18 | 10 | 10 | 8 | 13 | 19 | 13 |
| 82 | 9 | 29 | 10 | 8 | 9 | 10 | 14 | 38 | 17 | 24 | 13 | 8 | 8 | 7 | 8 | 15 | 9 |
| 83 | 6 | 23 | 8 | 5 | 6 | 9 | 11 | 30 | 12 | 20 | 9 | 5 | 7 | 5 | 5 | 10 | 6 |
| 84 | 4 | 15 | 6 | 3 | 2 | 6 | 8 | 23 | 7 | 15 | 6 | 5 | 4 | 3 | 4 | 7 | 4 |
| 85 | 2 | 7 | 3 | 1 | 1 | 2 | 6 | 17 | 5 | 11 | 5 | 3 | 3 | 2 | 3 | 4 | 2 |
| 86 | 1 | 3 | 1 | 1 | 1 | 1 | 4 | 10 | 2 | 5 | 3 | 2 | 3 | 2 | 2 | 1 | 1 |
| 87 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 3 | 1 | 2 | 2 | 1 | 1 | 0 | 0 |
| 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 104 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 129 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 149 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 156 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 157 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 158 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 161 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 163 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 166 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 167 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 173 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[ISSUEDATE] 2017-12-26 14:27
[MANUFAC] AST
[LUMCAT]
[LUMINAIRE] AST-FL06-15WCT1A1-abcd30
[LAMPCAT]
[LAMP]
[VOLTAGE] 276.8 V
[CURRENT] 0.059 A
[POWERFACTOR] 0.896
[TESTLAB]
[TESTINST] GPM-3000
[TESTDIST] 1.558 m
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer s data file, based on IES recommended methods.