



IES INDOOR REPORT

PHOTOMETRIC FILENAME : QUARTZ_12V_55W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] LUXNET
 [ISSUEDATE] 5/5/2020
 [MANUFAC] BeLuce Canada Inc.
 [LAMP] Quartz Incandescent Lamp 12V 55W WHT
 [MORE] BeLuce LUXNET REMOTE HEAD CAT
 [MORE] SPECULAR REFLECTOR AND PRISMATIC GLASS LENS
 [MORE] LUMEN RATING = 831 LMS

CHARACTERISTICS

| | |
|---------------------------------|--------------|
| Lumens Per Lamp | 831 (1 lamp) |
| Total Lamp Lumens | 831 |
| Luminaire Lumens | 543 |
| Total Luminaire Efficiency | 65 % |
| Luminaire Efficacy Rating (LER) | 10 |
| Total Luminaire Watts | 55 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 0.84 |
| Spacing Criterion (90-270) | 0.72 |
| Spacing Criterion (Diagonal) | 0.62 |
| Basic Luminous Shape | Point |
| Luminous Length (0-180) | 0.00 ft |
| Luminous Width (90-270) | 0.00 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUARTZ_12V_55W.IES

CANDELA TABULATION

| | <u>0</u> | <u>5</u> | <u>10</u> | <u>15</u> | <u>20</u> | <u>25</u> | <u>30</u> | <u>35</u> | <u>40</u> | <u>45</u> |
|------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 |
| 2.5 | 420 | 431 | 435 | 442 | 447 | 452 | 458 | 463 | 472 | 475 |
| 5.0 | 413 | 418 | 424 | 435 | 443 | 450 | 460 | 470 | 486 | 495 |
| 7.5 | 401 | 403 | 417 | 425 | 435 | 442 | 452 | 463 | 479 | 499 |
| 10.0 | 389 | 396 | 408 | 420 | 431 | 445 | 459 | 475 | 494 | 501 |
| 12.5 | 415 | 418 | 430 | 446 | 460 | 469 | 481 | 497 | 510 | 514 |
| 15.0 | 481 | 475 | 481 | 499 | 502 | 506 | 505 | 498 | 492 | 485 |
| 17.5 | 516 | 498 | 501 | 505 | 502 | 490 | 481 | 456 | 427 | 394 |
| 20.0 | 436 | 411 | 403 | 387 | 380 | 373 | 358 | 324 | 286 | 256 |
| 22.5 | 275 | 277 | 278 | 253 | 255 | 247 | 221 | 177 | 147 | 145 |
| 25.0 | 186 | 186 | 186 | 175 | 178 | 169 | 131 | 95 | 90 | 97 |
| 27.5 | 133 | 134 | 138 | 141 | 146 | 122 | 81 | 72 | 85 | 91 |
| 30.0 | 104 | 111 | 120 | 126 | 129 | 94 | 73 | 83 | 97 | 93 |
| 32.5 | 76 | 90 | 109 | 113 | 103 | 71 | 79 | 106 | 107 | 90 |
| 35.0 | 72 | 83 | 100 | 104 | 86 | 69 | 96 | 126 | 114 | 87 |
| 37.5 | 74 | 88 | 104 | 102 | 78 | 70 | 106 | 129 | 115 | 75 |
| 40.0 | 84 | 100 | 120 | 100 | 76 | 79 | 120 | 127 | 103 | 68 |
| 42.5 | 81 | 111 | 131 | 105 | 78 | 107 | 122 | 124 | 77 | 82 |
| 45.0 | 71 | 99 | 113 | 86 | 77 | 124 | 136 | 117 | 68 | 108 |
| 47.5 | 52 | 89 | 90 | 66 | 72 | 97 | 129 | 98 | 88 | 115 |
| 50.0 | 61 | 95 | 85 | 59 | 79 | 70 | 88 | 79 | 112 | 122 |
| 52.5 | 63 | 102 | 95 | 69 | 93 | 67 | 64 | 73 | 123 | 113 |
| 55.0 | 50 | 94 | 88 | 72 | 101 | 66 | 61 | 66 | 101 | 83 |
| 57.5 | 51 | 93 | 79 | 75 | 95 | 64 | 72 | 63 | 68 | 64 |
| 60.0 | 49 | 83 | 69 | 85 | 91 | 55 | 81 | 63 | 53 | 65 |
| 62.5 | 46 | 74 | 57 | 80 | 85 | 63 | 82 | 56 | 48 | 54 |
| 65.0 | 44 | 69 | 50 | 72 | 67 | 73 | 77 | 50 | 48 | 45 |
| 67.5 | 49 | 73 | 49 | 69 | 50 | 75 | 64 | 50 | 41 | 37 |
| 70.0 | 48 | 80 | 50 | 73 | 44 | 74 | 43 | 59 | 24 | 34 |
| 72.5 | 48 | 76 | 48 | 74 | 49 | 71 | 36 | 48 | 15 | 20 |
| 75.0 | 35 | 67 | 47 | 64 | 54 | 58 | 43 | 29 | 7 | 11 |
| 77.5 | 28 | 55 | 51 | 48 | 48 | 42 | 48 | 12 | 3 | 7 |
| 80.0 | 24 | 48 | 44 | 35 | 39 | 29 | 31 | 5 | 6 | 6 |
| 82.5 | 20 | 41 | 40 | 21 | 28 | 18 | 9 | 3 | 3 | 4 |
| 85.0 | 14 | 35 | 37 | 12 | 12 | 7 | 3 | 0 | 0 | 0 |
| 87.5 | 11 | 20 | 15 | 4 | 3 | 2 | 0 | 0 | 0 | 0 |
| 90.0 | 3 | 8 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

Vert. Horizontal Angles

| | <u>50</u> | <u>55</u> | <u>60</u> | <u>65</u> | <u>70</u> | <u>75</u> | <u>80</u> | <u>85</u> | <u>90</u> | <u>95</u> |
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 |
| 2.5 | 477 | 485 | 485 | 487 | 493 | 495 | 491 | 494 | 497 | 495 |
| 5.0 | 506 | 526 | 540 | 554 | 566 | 576 | 580 | 588 | 595 | 604 |
| 7.5 | 518 | 537 | 558 | 583 | 603 | 622 | 638 | 648 | 655 | 665 |
| 10.0 | 516 | 533 | 549 | 572 | 591 | 613 | 637 | 650 | 654 | 659 |
| 12.5 | 517 | 521 | 525 | 532 | 540 | 539 | 545 | 558 | 556 | 557 |
| 15.0 | 481 | 472 | 458 | 446 | 439 | 429 | 416 | 413 | 411 | 404 |
| 17.5 | 374 | 358 | 342 | 326 | 323 | 325 | 313 | 310 | 306 | 295 |
| 20.0 | 238 | 222 | 214 | 208 | 205 | 218 | 226 | 242 | 252 | 243 |
| 22.5 | 146 | 142 | 136 | 130 | 132 | 150 | 175 | 209 | 229 | 221 |
| 25.0 | 105 | 102 | 97 | 89 | 85 | 92 | 142 | 185 | 181 | 181 |
| 27.5 | 87 | 78 | 66 | 64 | 65 | 70 | 111 | 120 | 116 | 113 |
| 30.0 | 77 | 58 | 52 | 53 | 55 | 62 | 78 | 97 | 106 | 96 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUARTZ_12V_55W.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------|-----|-----|-----|----|----|----|-----|-----|-----|-----|
| 32.5 | 68 | 52 | 49 | 57 | 57 | 57 | 68 | 102 | 125 | 119 |
| 35.0 | 60 | 57 | 60 | 65 | 65 | 67 | 97 | 146 | 158 | 149 |
| 37.5 | 66 | 76 | 79 | 78 | 72 | 71 | 112 | 159 | 171 | 148 |
| 40.0 | 88 | 100 | 91 | 75 | 73 | 66 | 104 | 138 | 138 | 118 |
| 42.5 | 114 | 110 | 87 | 72 | 68 | 57 | 70 | 92 | 96 | 86 |
| 45.0 | 124 | 103 | 81 | 68 | 58 | 48 | 60 | 87 | 108 | 101 |
| 47.5 | 117 | 89 | 75 | 68 | 60 | 55 | 86 | 114 | 121 | 105 |
| 50.0 | 95 | 77 | 89 | 80 | 69 | 61 | 88 | 103 | 109 | 89 |
| 52.5 | 71 | 86 | 100 | 81 | 67 | 53 | 69 | 75 | 84 | 74 |
| 55.0 | 69 | 94 | 89 | 75 | 57 | 48 | 59 | 71 | 88 | 71 |
| 57.5 | 86 | 85 | 73 | 66 | 55 | 45 | 60 | 80 | 86 | 74 |
| 60.0 | 97 | 72 | 67 | 74 | 61 | 48 | 62 | 70 | 77 | 60 |
| 62.5 | 87 | 60 | 70 | 78 | 57 | 46 | 53 | 60 | 67 | 51 |
| 65.0 | 59 | 58 | 69 | 66 | 49 | 41 | 50 | 57 | 64 | 49 |
| 67.5 | 47 | 62 | 60 | 59 | 50 | 37 | 42 | 50 | 58 | 46 |
| 70.0 | 39 | 50 | 51 | 60 | 47 | 37 | 38 | 40 | 47 | 34 |
| 72.5 | 27 | 34 | 49 | 52 | 34 | 28 | 30 | 38 | 45 | 32 |
| 75.0 | 13 | 27 | 42 | 37 | 32 | 28 | 23 | 23 | 36 | 29 |
| 77.5 | 14 | 22 | 30 | 28 | 30 | 19 | 17 | 16 | 17 | 19 |
| 80.0 | 13 | 18 | 21 | 17 | 14 | 11 | 9 | 9 | 13 | 10 |
| 82.5 | 6 | 9 | 10 | 7 | 5 | 5 | 5 | 3 | 6 | 8 |
| 85.0 | 2 | 4 | 3 | 3 | 2 | 0 | 1 | 1 | 3 | 4 |
| 87.5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Vert. Horizontal Angles
Angles

| | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 |
| 2.5 | 490 | 491 | 486 | 479 | 476 | 472 | 465 | 456 | 454 | 449 |
| 5.0 | 605 | 606 | 611 | 602 | 588 | 582 | 572 | 555 | 546 | 533 |
| 7.5 | 668 | 677 | 685 | 684 | 666 | 658 | 649 | 635 | 624 | 608 |
| 10.0 | 655 | 654 | 650 | 651 | 643 | 638 | 631 | 625 | 615 | 600 |
| 12.5 | 552 | 541 | 526 | 518 | 523 | 518 | 517 | 525 | 526 | 526 |
| 15.0 | 392 | 377 | 361 | 365 | 376 | 380 | 389 | 411 | 423 | 432 |
| 17.5 | 280 | 260 | 247 | 252 | 263 | 275 | 290 | 303 | 315 | 331 |
| 20.0 | 233 | 220 | 203 | 199 | 196 | 196 | 204 | 215 | 226 | 236 |
| 22.5 | 211 | 189 | 172 | 170 | 169 | 167 | 159 | 158 | 167 | 172 |
| 25.0 | 165 | 145 | 133 | 134 | 140 | 142 | 136 | 125 | 121 | 134 |
| 27.5 | 102 | 96 | 93 | 92 | 101 | 113 | 113 | 111 | 102 | 104 |
| 30.0 | 82 | 70 | 62 | 67 | 74 | 78 | 90 | 107 | 107 | 108 |
| 32.5 | 102 | 85 | 69 | 59 | 57 | 60 | 74 | 100 | 128 | 129 |
| 35.0 | 124 | 103 | 89 | 75 | 63 | 57 | 69 | 104 | 136 | 148 |
| 37.5 | 115 | 104 | 89 | 82 | 79 | 70 | 66 | 92 | 138 | 163 |
| 40.0 | 94 | 87 | 77 | 77 | 91 | 90 | 84 | 82 | 125 | 149 |
| 42.5 | 79 | 75 | 71 | 72 | 93 | 111 | 115 | 100 | 106 | 114 |
| 45.0 | 75 | 62 | 57 | 65 | 81 | 108 | 129 | 116 | 94 | 95 |
| 47.5 | 80 | 65 | 57 | 67 | 78 | 90 | 115 | 104 | 89 | 95 |
| 50.0 | 74 | 66 | 68 | 79 | 94 | 83 | 87 | 93 | 84 | 99 |
| 52.5 | 60 | 58 | 63 | 82 | 95 | 92 | 75 | 89 | 91 | 96 |
| 55.0 | 52 | 51 | 63 | 75 | 89 | 78 | 74 | 85 | 92 | 87 |
| 57.5 | 60 | 52 | 66 | 77 | 71 | 69 | 71 | 79 | 85 | 73 |
| 60.0 | 56 | 56 | 70 | 76 | 65 | 63 | 66 | 65 | 68 | 62 |
| 62.5 | 49 | 56 | 59 | 57 | 59 | 55 | 59 | 44 | 52 | 60 |
| 65.0 | 42 | 55 | 61 | 44 | 48 | 52 | 45 | 38 | 43 | 56 |
| 67.5 | 41 | 50 | 61 | 43 | 40 | 50 | 30 | 28 | 36 | 52 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUARTZ_12V_55W.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------------|----|----|----|----|----|----|----|----|----|----|
| 70.0 | 35 | 43 | 44 | 45 | 37 | 42 | 20 | 19 | 30 | 46 |
| 72.5 | 24 | 31 | 32 | 37 | 38 | 28 | 16 | 14 | 26 | 36 |
| 75.0 | 23 | 18 | 22 | 30 | 35 | 20 | 13 | 10 | 18 | 27 |
| 77.5 | 18 | 13 | 16 | 23 | 26 | 16 | 10 | 8 | 15 | 25 |
| 80.0 | 10 | 14 | 12 | 16 | 20 | 12 | 6 | 4 | 8 | 21 |
| 82.5 | 4 | 9 | 9 | 11 | 12 | 10 | 4 | 3 | 5 | 12 |
| 85.0 | 2 | 2 | 6 | 8 | 5 | 5 | 3 | 2 | 1 | 2 |
| 87.5 | 0 | 0 | 3 | 4 | 1 | 1 | 4 | 2 | 1 | 3 |
| 90.0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 2 | 0 | 1 |

Vert. Horizontal Angles
Angles

| | <u>150</u> | <u>155</u> | <u>160</u> | <u>165</u> | <u>170</u> | <u>175</u> | <u>180</u> |
|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 0.0 | 431 | 431 | 431 | 431 | 431 | 431 | 431 |
| 2.5 | 443 | 439 | 439 | 441 | 445 | 450 | 474 |
| 5.0 | 518 | 505 | 495 | 485 | 480 | 487 | 519 |
| 7.5 | 586 | 566 | 553 | 540 | 524 | 523 | 547 |
| 10.0 | 588 | 570 | 554 | 544 | 531 | 525 | 517 |
| 12.5 | 523 | 514 | 506 | 501 | 496 | 488 | 470 |
| 15.0 | 442 | 443 | 434 | 428 | 424 | 415 | 369 |
| 17.5 | 344 | 350 | 342 | 329 | 322 | 314 | 266 |
| 20.0 | 250 | 260 | 257 | 238 | 225 | 218 | 180 |
| 22.5 | 180 | 192 | 193 | 179 | 161 | 149 | 126 |
| 25.0 | 139 | 148 | 157 | 150 | 137 | 117 | 105 |
| 27.5 | 116 | 129 | 153 | 162 | 150 | 118 | 104 |
| 30.0 | 103 | 118 | 146 | 163 | 162 | 123 | 106 |
| 32.5 | 111 | 106 | 161 | 191 | 188 | 136 | 115 |
| 35.0 | 124 | 105 | 156 | 206 | 187 | 146 | 107 |
| 37.5 | 145 | 114 | 124 | 170 | 166 | 143 | 107 |
| 40.0 | 141 | 122 | 115 | 140 | 144 | 129 | 101 |
| 42.5 | 114 | 108 | 100 | 118 | 142 | 120 | 99 |
| 45.0 | 99 | 102 | 97 | 109 | 134 | 120 | 96 |
| 47.5 | 94 | 107 | 101 | 86 | 105 | 105 | 77 |
| 50.0 | 94 | 94 | 96 | 77 | 86 | 87 | 63 |
| 52.5 | 88 | 80 | 80 | 72 | 80 | 87 | 70 |
| 55.0 | 73 | 71 | 72 | 73 | 79 | 78 | 71 |
| 57.5 | 64 | 71 | 73 | 71 | 84 | 81 | 73 |
| 60.0 | 61 | 68 | 73 | 71 | 84 | 82 | 79 |
| 62.5 | 60 | 64 | 73 | 67 | 79 | 86 | 82 |
| 65.0 | 57 | 59 | 68 | 61 | 71 | 82 | 69 |
| 67.5 | 51 | 54 | 58 | 58 | 64 | 76 | 53 |
| 70.0 | 49 | 50 | 51 | 59 | 63 | 65 | 51 |
| 72.5 | 44 | 45 | 49 | 49 | 55 | 57 | 44 |
| 75.0 | 42 | 39 | 46 | 42 | 48 | 49 | 33 |
| 77.5 | 33 | 36 | 40 | 40 | 36 | 36 | 28 |
| 80.0 | 23 | 29 | 33 | 35 | 29 | 30 | 30 |
| 82.5 | 20 | 25 | 28 | 26 | 22 | 26 | 30 |
| 85.0 | 15 | 20 | 22 | 19 | 18 | 20 | 20 |
| 87.5 | 8 | 14 | 15 | 15 | 14 | 13 | 14 |
| 90.0 | 5 | 9 | 9 | 10 | 12 | 9 | 6 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUARTZ_12V_55W.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|--------|-------|--------|
| 0-20 | 168.10 | 20.20 | 31.00 |
| 0-30 | 236.14 | 28.40 | 43.50 |
| 0-40 | 300.29 | 36.10 | 55.30 |
| 0-60 | 441.26 | 53.10 | 81.30 |
| 0-80 | 532.89 | 64.10 | 98.20 |
| 0-90 | 542.93 | 65.30 | 100.00 |
| 10-90 | 491.60 | 59.20 | 90.50 |
| 20-40 | 132.19 | 15.90 | 24.30 |
| 20-50 | 204.85 | 24.70 | 37.70 |
| 40-70 | 197.78 | 23.80 | 36.40 |
| 60-80 | 91.62 | 11.00 | 16.90 |
| 70-80 | 34.82 | 4.20 | 6.40 |
| 80-90 | 10.05 | 1.20 | 1.90 |
| 90-110 | 0.00 | 0.00 | 0.00 |
| 90-120 | 0.00 | 0.00 | 0.00 |
| 90-130 | 0.00 | 0.00 | 0.00 |
| 90-150 | 0.00 | 0.00 | 0.00 |
| 90-180 | 0.00 | 0.00 | 0.00 |
| 110-180 | 0.00 | 0.00 | 0.00 |
| 0-180 | 542.93 | 65.30 | 100.00 |

Total Luminaire Efficiency = 65.30%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 51.33 |
| 10-20 | 116.76 |
| 20-30 | 68.04 |
| 30-40 | 64.15 |
| 40-50 | 72.66 |
| 50-60 | 68.32 |
| 60-70 | 56.81 |
| 70-80 | 34.82 |
| 80-90 | 10.05 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.00 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |

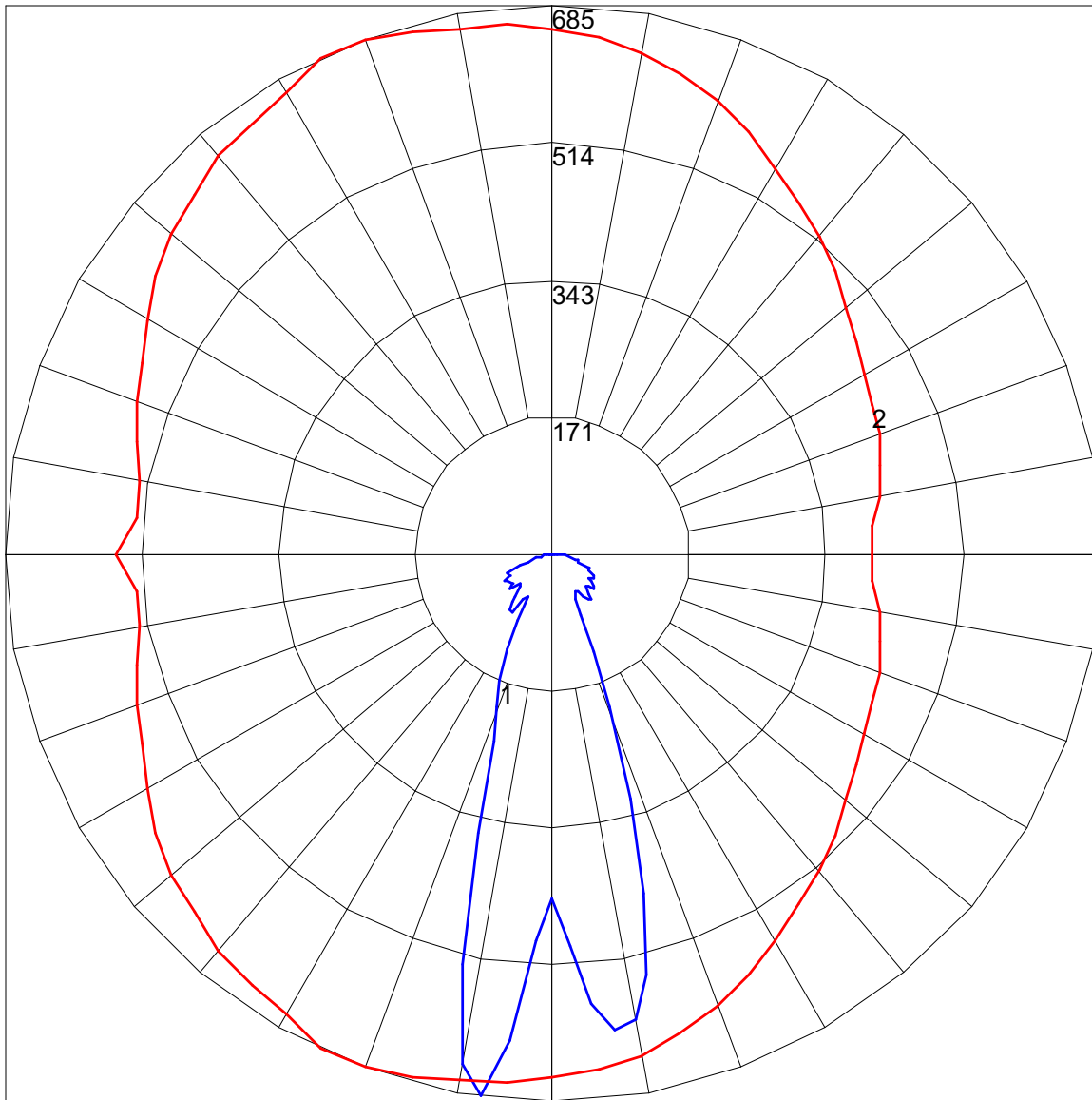
IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUARTZ_12V_55W.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| 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 |
| 0 | 78 | 78 | 78 | 78 | 76 | 76 | 76 | 76 | 73 | 73 | 73 | 70 | 70 | 70 | 67 | 67 | 67 | 65 |
| 1 | 72 | 69 | 66 | 64 | 70 | 67 | 65 | 63 | 65 | 63 | 61 | 62 | 61 | 59 | 60 | 59 | 57 | 56 |
| 2 | 66 | 61 | 57 | 54 | 64 | 60 | 56 | 53 | 58 | 55 | 52 | 56 | 53 | 51 | 54 | 52 | 50 | 48 |
| 3 | 61 | 55 | 50 | 46 | 60 | 54 | 49 | 46 | 52 | 48 | 45 | 50 | 47 | 44 | 49 | 46 | 44 | 42 |
| 4 | 57 | 50 | 45 | 41 | 55 | 49 | 44 | 40 | 47 | 43 | 40 | 46 | 42 | 39 | 44 | 41 | 39 | 38 |
| 5 | 53 | 45 | 40 | 36 | 52 | 45 | 40 | 36 | 43 | 39 | 36 | 42 | 38 | 35 | 41 | 38 | 35 | 34 |
| 6 | 50 | 42 | 37 | 33 | 48 | 41 | 36 | 33 | 40 | 36 | 33 | 39 | 35 | 32 | 38 | 35 | 32 | 31 |
| 7 | 47 | 39 | 34 | 30 | 46 | 38 | 33 | 30 | 37 | 33 | 30 | 36 | 33 | 30 | 36 | 32 | 29 | 28 |
| 8 | 44 | 36 | 31 | 28 | 43 | 36 | 31 | 28 | 35 | 31 | 28 | 34 | 30 | 28 | 34 | 30 | 27 | 26 |
| 9 | 42 | 34 | 29 | 26 | 41 | 34 | 29 | 26 | 33 | 29 | 26 | 32 | 28 | 26 | 32 | 28 | 26 | 25 |
| 10 | 40 | 32 | 27 | 24 | 39 | 32 | 27 | 24 | 31 | 27 | 24 | 31 | 27 | 24 | 30 | 27 | 24 | 23 |

POLAR GRAPH



Maximum Candela = 685 Located At Horizontal Angle = 110, Vertical Angle = 7.5
1 - Vertical Plane Through Horizontal Angles (110 - 290) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (7.5) (Through Max. Cd.)