

Luminaire

Code 90400L650
Name OREO IN D650 BLINE 930

Measurem.

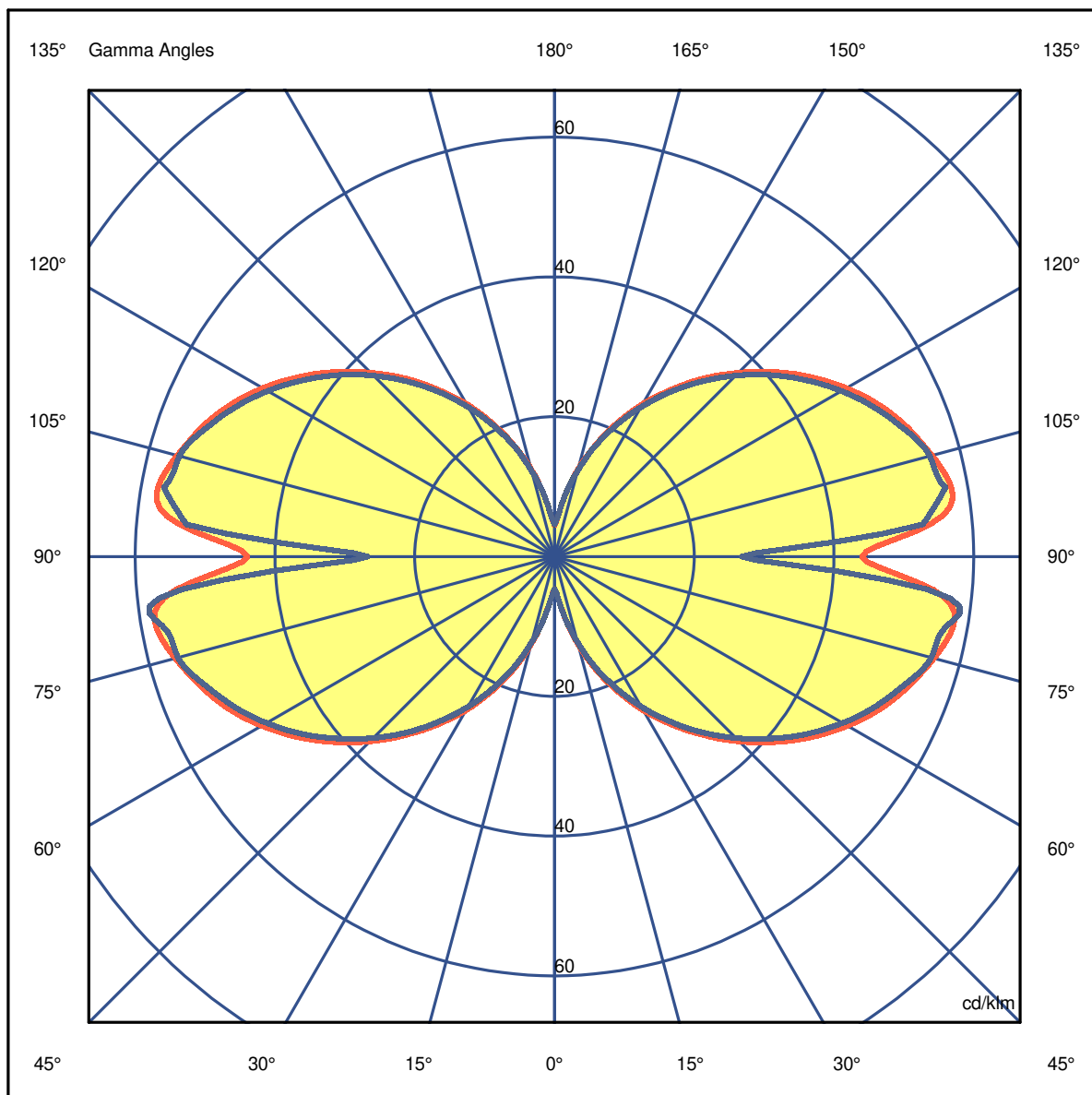
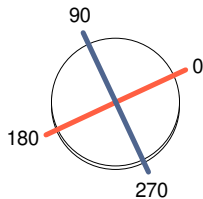
Code 30/6/2023
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| | | | | | | | |
|----------------|---------|-----------------|--------------|----------|----------------|-----------------------|--------|
| Luminaire Flux | 1363 lm | Luminaire Power | 26.0 W | Efficacy | 52.417 lm/W | Efficiency | 53.24% |
| Source Flux | 2560 lm | Maximum value | 57.90 cd/klm | Position | C=0.00 G=80.00 | CG Double Symmetrical | |

Diam=650mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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Right beam angle not found, gamma = 81

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| Luminaire Flux | 1363 lm | Luminaire Power | 26.0 W | Efficacy | 52.417 lm/W | Efficiency | 53.24% |
| Source Flux | 2560 lm | Maximum value | 57.90 cd/klm | Position | C=0.00 G=80.00 | CG | Double Symmetrical |

UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|-----------------|--------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Working Plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room Dimensions | Lateral View | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 8.3 | 9.3 | 9.2 | 10.2 | 11.4 | 8.2 | 9.2 | 9.1 | 10.1 | 11.4 |
| x=2H y=3H | 12.0 | 12.9 | 12.9 | 13.8 | 15.1 | 11.9 | 12.8 | 12.8 | 13.8 | 15.0 |
| x=2H y=4H | 14.0 | 14.8 | 14.9 | 15.8 | 17.0 | 13.9 | 14.8 | 14.8 | 15.7 | 16.9 |
| x=2H y=6H | 16.0 | 16.8 | 17.0 | 17.8 | 19.1 | 16.0 | 16.8 | 16.9 | 17.7 | 19.0 |
| x=2H y=8H | 17.1 | 17.9 | 18.0 | 18.9 | 20.1 | 17.1 | 17.8 | 18.0 | 18.8 | 20.1 |
| x=2H y=12H | 18.2 | 18.9 | 19.1 | 19.9 | 21.2 | 18.2 | 18.9 | 19.1 | 19.9 | 21.2 |
| x=4H y=2H | 9.5 | 10.3 | 10.4 | 11.3 | 12.5 | 9.4 | 10.3 | 10.4 | 11.2 | 12.5 |
| x=4H y=3H | 13.2 | 14.0 | 14.2 | 14.9 | 16.2 | 13.2 | 13.9 | 14.1 | 14.9 | 16.2 |
| x=4H y=4H | 15.3 | 16.0 | 16.3 | 17.0 | 18.3 | 15.3 | 16.0 | 16.2 | 17.0 | 18.3 |
| x=4H y=6H | 17.5 | 18.1 | 18.5 | 19.1 | 20.5 | 17.5 | 18.1 | 18.4 | 19.1 | 20.4 |
| x=4H y=8H | 18.7 | 19.3 | 19.7 | 20.3 | 21.6 | 18.7 | 19.2 | 19.7 | 20.2 | 21.6 |
| x=4H y=12H | 19.9 | 20.4 | 20.8 | 21.4 | 22.7 | 19.9 | 20.4 | 20.9 | 21.4 | 22.7 |
| x=8H y=4H | 16.1 | 16.6 | 17.1 | 17.7 | 19.0 | 16.1 | 16.6 | 17.1 | 17.6 | 19.0 |
| x=8H y=6H | 18.5 | 19.0 | 19.6 | 20.0 | 21.4 | 18.5 | 19.0 | 19.5 | 20.0 | 21.3 |
| x=8H y=8H | 19.9 | 20.3 | 20.9 | 21.3 | 22.7 | 19.9 | 20.3 | 20.9 | 21.3 | 22.7 |
| x=8H y=12H | 21.2 | 21.6 | 22.2 | 22.6 | 24.0 | 21.2 | 21.6 | 22.3 | 22.6 | 24.0 |
| x=12H y=4H | 16.3 | 16.8 | 17.3 | 17.8 | 19.2 | 16.3 | 16.8 | 17.3 | 17.8 | 19.2 |
| x=12H y=6H | 18.9 | 19.3 | 19.9 | 20.3 | 21.7 | 18.8 | 19.2 | 19.8 | 20.3 | 21.6 |
| x=12H y=8H | 20.3 | 20.6 | 21.3 | 21.7 | 23.0 | 20.3 | 20.7 | 21.3 | 21.7 | 23.1 |

Luminaire

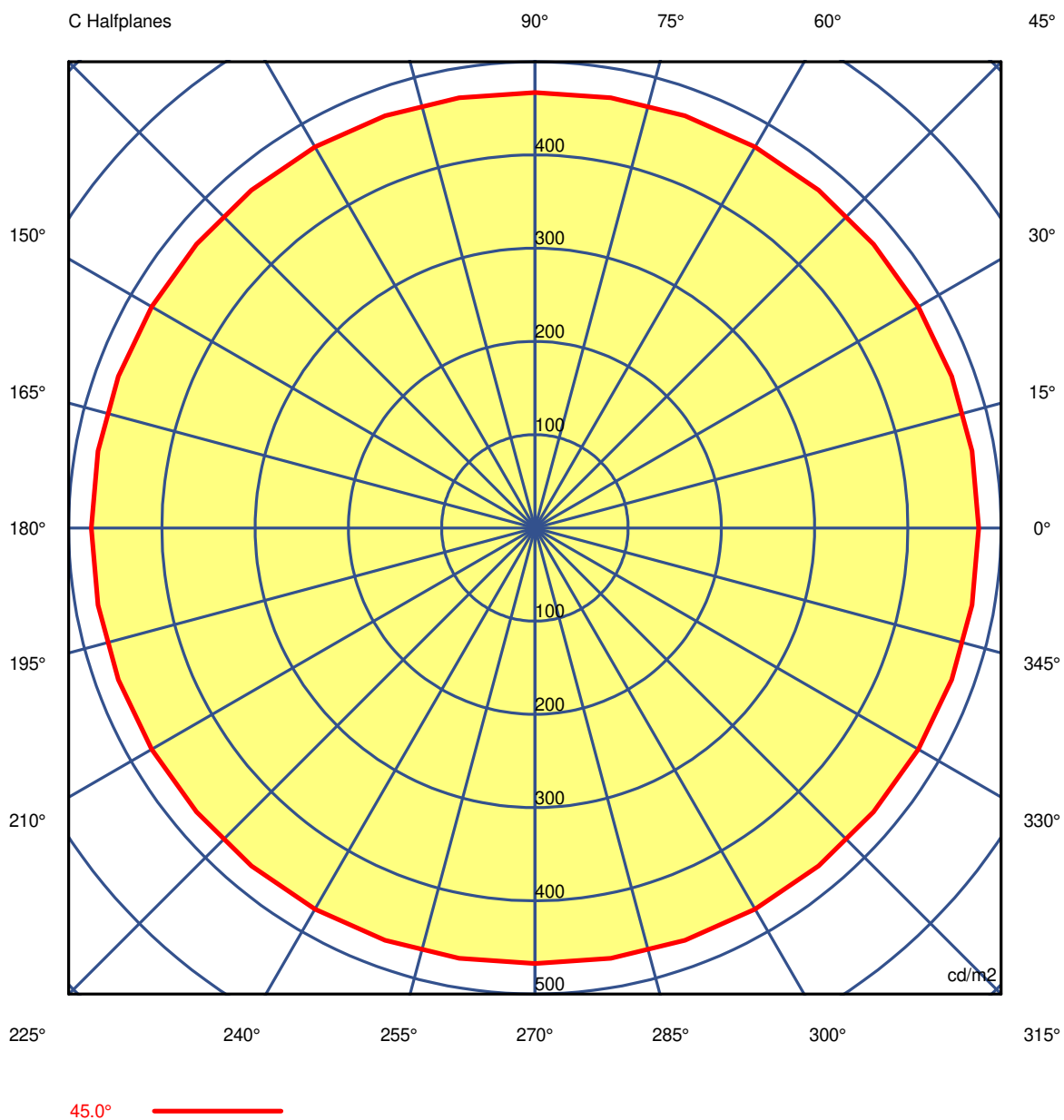
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| Luminaire Flux | 1363 lm | Luminaire Power | 26.0 W | Efficacy | 52.417 lm/W | Efficiency | 53.24% |
| Source Flux | 2560 lm | Maximum value | 57.90 cd/klm | Position | C=0.00 G=80.00 | CG Double Symmetrical | |

Luminance



Luminaire

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Measurem.

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| | | | | | | | | | | | | | | |
|--------------------------------|---------|---------|-----------------|---------|--------------|---------|----------|---------|----------------|---------|------------|----------|--------------------|--|
| Luminaire Flux | 1363 lm | | Luminaire Power | | 26.0 W | | Efficacy | | 52.417 lm/W | | Efficiency | | 53.24% | |
| Source Flux | 2560 lm | | Maximum value | | 57.90 cd/klm | | Position | | C=0.00 G=80.00 | | CG | | Double Symmetrical | |
| Luminance cd/m2 Table 1/3 | | | | | | | | | | | | | | |
| | C 0.00 | C 10.00 | C 20.00 | C 30.00 | C 40.00 | C 50.00 | C 60.00 | C 70.00 | C 80.00 | C 90.00 | C 100.00 | C 110.00 | C 120.00 | |
| G 0.0 | 45 | 43 | 43 | 45 | 43 | 43 | 44 | 42 | 42 | 45 | 42 | 42 | 44 | |
| G 5.0 | 58 | 57 | 57 | 58 | 57 | 57 | 57 | 56 | 56 | 58 | 56 | 56 | 57 | |
| G 10.0 | 89 | 89 | 89 | 89 | 89 | 88 | 88 | 88 | 87 | 88 | 87 | 88 | 88 | |
| G 15.0 | 128 | 128 | 127 | 127 | 127 | 127 | 126 | 125 | 125 | 125 | 125 | 125 | 126 | |
| G 20.0 | 172 | 171 | 171 | 171 | 170 | 169 | 169 | 168 | 168 | 168 | 168 | 168 | 169 | |
| G 25.0 | 219 | 219 | 218 | 218 | 218 | 217 | 216 | 215 | 214 | 214 | 214 | 215 | 216 | |
| G 30.0 | 272 | 271 | 271 | 270 | 270 | 269 | 268 | 267 | 266 | 266 | 266 | 267 | 268 | |
| G 35.0 | 330 | 330 | 330 | 329 | 329 | 328 | 327 | 325 | 324 | 323 | 324 | 325 | 327 | |
| G 40.0 | 397 | 397 | 396 | 396 | 396 | 395 | 394 | 393 | 391 | 390 | 391 | 393 | 394 | |
| G 45.0 | 476 | 476 | 476 | 475 | 474 | 473 | 472 | 470 | 469 | 467 | 469 | 470 | 472 | |
| G 50.0 | 570 | 569 | 568 | 568 | 568 | 567 | 565 | 563 | 561 | 559 | 561 | 563 | 565 | |
| G 55.0 | 685 | 684 | 683 | 682 | 681 | 680 | 679 | 677 | 675 | 673 | 675 | 677 | 679 | |
| G 60.0 | 828 | 827 | 825 | 823 | 823 | 822 | 819 | 818 | 817 | 814 | 817 | 818 | 819 | |
| G 65.0 | 1014 | 1011 | 1008 | 1006 | 1006 | 1005 | 1004 | 1003 | 1001 | 998 | 1001 | 1003 | 1004 | |
| G 70.0 | 1263 | 1263 | 1262 | 1258 | 1256 | 1256 | 1256 | 1255 | 1252 | 1249 | 1252 | 1255 | 1256 | |
| G 75.0 | 1635 | 1640 | 1640 | 1635 | 1633 | 1631 | 1629 | 1629 | 1628 | 1623 | 1628 | 1629 | 1629 | |
| G 80.0 | 2250 | 2249 | 2242 | 2235 | 2235 | 2232 | 2223 | 2220 | 2218 | 2215 | 2218 | 2220 | 2223 | |
| G 85.0 | 3220 | 3305 | 3240 | 3149 | 3277 | 3287 | 3167 | 3233 | 3267 | 3161 | 3267 | 3233 | 3167 | |
| G 90.0 | 5549 | 5370 | 5570 | 5814 | 4762 | 4503 | 4805 | 3540 | 2768 | 3380 | 2768 | 3540 | 4805 | |

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| Source Flux | 2560 lm | Maximum value | 57.90 cd/klm | Position | C=0.00 G=80.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 2/3

| | C 130.00 | C 140.00 | C 150.00 | C 160.00 | C 170.00 | C 180.00 | C 190.00 | C 200.00 | C 210.00 | C 220.00 | C 230.00 | C 240.00 | C 250.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 43 | 43 | 45 | 43 | 43 | 45 | 43 | 43 | 45 | 43 | 43 | 44 | 42 |
| G 5.0 | 57 | 57 | 58 | 57 | 57 | 58 | 57 | 57 | 58 | 57 | 57 | 57 | 56 |
| G 10.0 | 88 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 88 | 88 | 88 |
| G 15.0 | 127 | 127 | 127 | 127 | 128 | 128 | 128 | 127 | 127 | 127 | 127 | 126 | 125 |
| G 20.0 | 169 | 170 | 171 | 171 | 171 | 172 | 171 | 171 | 171 | 170 | 169 | 169 | 168 |
| G 25.0 | 217 | 218 | 218 | 218 | 219 | 219 | 219 | 218 | 218 | 218 | 217 | 216 | 215 |
| G 30.0 | 269 | 270 | 270 | 271 | 271 | 272 | 271 | 271 | 270 | 270 | 269 | 268 | 267 |
| G 35.0 | 328 | 329 | 329 | 330 | 330 | 330 | 330 | 330 | 329 | 329 | 328 | 327 | 325 |
| G 40.0 | 395 | 396 | 396 | 396 | 397 | 397 | 397 | 396 | 396 | 396 | 395 | 394 | 393 |
| G 45.0 | 473 | 474 | 475 | 476 | 476 | 476 | 476 | 476 | 475 | 474 | 473 | 472 | 470 |
| G 50.0 | 567 | 568 | 568 | 568 | 569 | 570 | 569 | 568 | 568 | 568 | 567 | 565 | 563 |
| G 55.0 | 680 | 681 | 682 | 683 | 684 | 685 | 684 | 683 | 682 | 681 | 680 | 679 | 677 |
| G 60.0 | 822 | 823 | 823 | 825 | 827 | 828 | 827 | 825 | 823 | 823 | 822 | 819 | 818 |
| G 65.0 | 1005 | 1006 | 1006 | 1008 | 1011 | 1014 | 1011 | 1008 | 1006 | 1006 | 1005 | 1004 | 1003 |
| G 70.0 | 1256 | 1256 | 1258 | 1262 | 1263 | 1263 | 1263 | 1262 | 1258 | 1256 | 1256 | 1256 | 1255 |
| G 75.0 | 1631 | 1633 | 1635 | 1640 | 1640 | 1635 | 1640 | 1640 | 1635 | 1633 | 1631 | 1629 | 1629 |
| G 80.0 | 2232 | 2235 | 2235 | 2242 | 2249 | 2250 | 2249 | 2242 | 2235 | 2235 | 2232 | 2223 | 2220 |
| G 85.0 | 3287 | 3277 | 3149 | 3240 | 3305 | 3220 | 3305 | 3240 | 3149 | 3277 | 3287 | 3167 | 3233 |
| G 90.0 | 4503 | 4762 | 5814 | 5570 | 5370 | 5549 | 5370 | 5570 | 5814 | 4762 | 4503 | 4805 | 3540 |

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| Source Flux | 2560 lm | Maximum value | 57.90 cd/klm | Position | C=0.00 G=80.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 3/3

| | C 260.00 | C 270.00 | C 280.00 | C 290.00 | C 300.00 | C 310.00 | C 320.00 | C 330.00 | C 340.00 | C 350.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 42 | 45 | 42 | 42 | 44 | 43 | 43 | 45 | 43 | 43 |
| G 5.0 | 56 | 58 | 56 | 56 | 57 | 57 | 57 | 58 | 57 | 57 |
| G 10.0 | 87 | 88 | 87 | 88 | 88 | 88 | 89 | 89 | 89 | 89 |
| G 15.0 | 125 | 125 | 125 | 125 | 126 | 127 | 127 | 127 | 127 | 128 |
| G 20.0 | 168 | 168 | 168 | 168 | 169 | 169 | 170 | 171 | 171 | 171 |
| G 25.0 | 214 | 214 | 214 | 215 | 216 | 217 | 218 | 218 | 218 | 219 |
| G 30.0 | 266 | 266 | 266 | 267 | 268 | 269 | 270 | 270 | 271 | 271 |
| G 35.0 | 324 | 323 | 324 | 325 | 327 | 328 | 329 | 329 | 330 | 330 |
| G 40.0 | 391 | 390 | 391 | 393 | 394 | 395 | 396 | 396 | 396 | 397 |
| G 45.0 | 469 | 467 | 469 | 470 | 472 | 473 | 474 | 475 | 476 | 476 |
| G 50.0 | 561 | 559 | 561 | 563 | 565 | 567 | 568 | 568 | 568 | 569 |
| G 55.0 | 675 | 673 | 675 | 677 | 679 | 680 | 681 | 682 | 683 | 684 |
| G 60.0 | 817 | 814 | 817 | 818 | 819 | 822 | 823 | 823 | 825 | 827 |
| G 65.0 | 1001 | 998 | 1001 | 1003 | 1004 | 1005 | 1006 | 1006 | 1008 | 1011 |
| G 70.0 | 1252 | 1249 | 1252 | 1255 | 1256 | 1256 | 1256 | 1258 | 1262 | 1263 |
| G 75.0 | 1628 | 1623 | 1628 | 1629 | 1629 | 1631 | 1633 | 1635 | 1640 | 1640 |
| G 80.0 | 2218 | 2215 | 2218 | 2220 | 2223 | 2232 | 2235 | 2235 | 2242 | 2249 |
| G 85.0 | 3267 | 3161 | 3267 | 3233 | 3167 | 3287 | 3277 | 3149 | 3240 | 3305 |
| G 90.0 | 2768 | 3380 | 2768 | 3540 | 4805 | 4503 | 4762 | 5814 | 5570 | 5370 |