

Luminaire

Code 90400L195
Name OREO IN D1955 BLINE 940

Measurem.

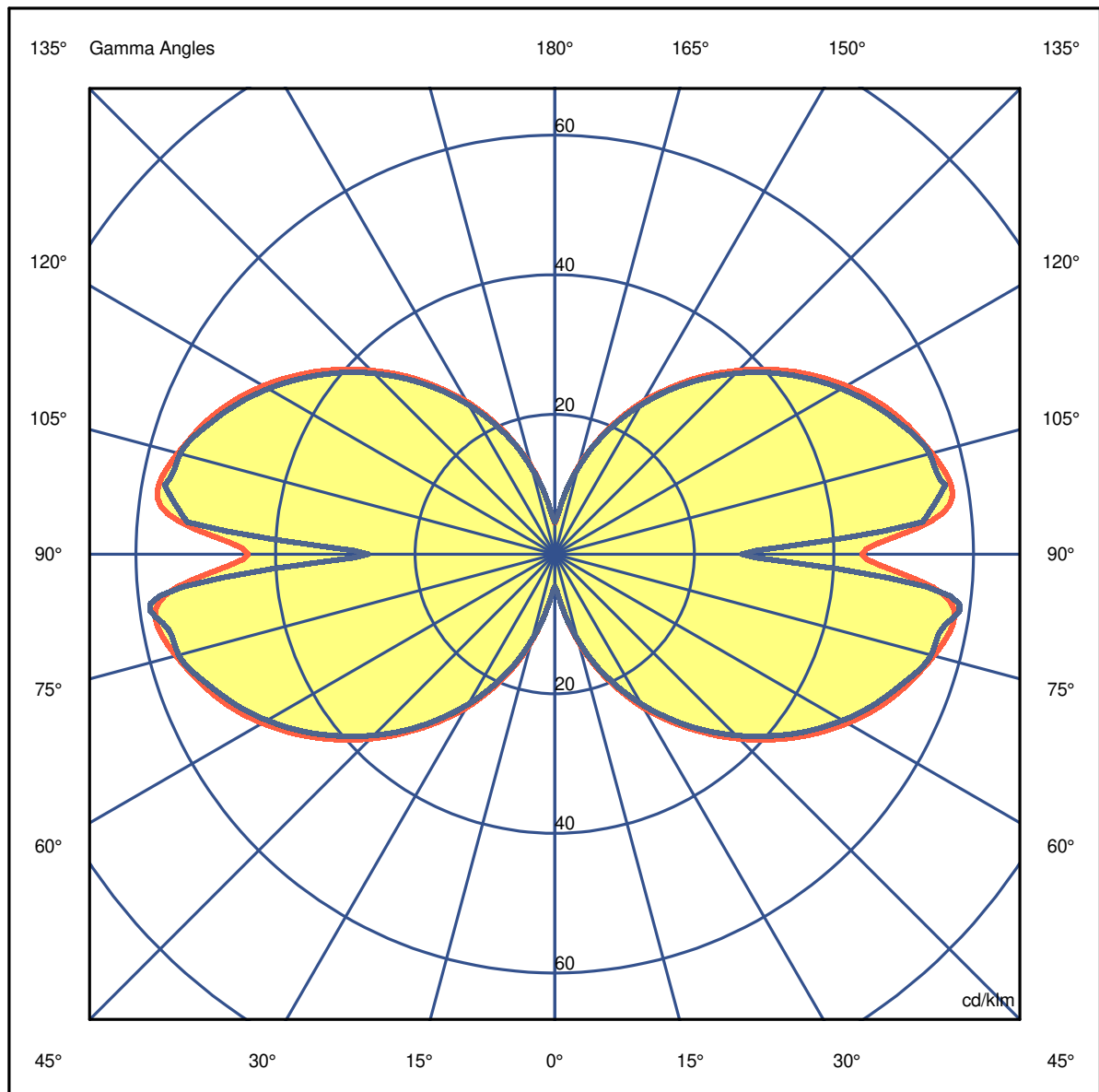
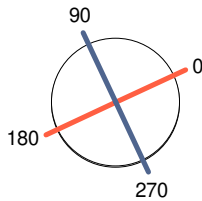
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| | | | | | | | |
|----------------|---------|-----------------|--------------|----------|----------------|-----------------------|--------|
| Luminaire Flux | 4222 lm | Luminaire Power | 78.0 W | Efficacy | 54.123 lm/W | Efficiency | 53.24% |
| Source Flux | 7930 lm | Maximum value | 57.90 cd/klm | Position | C=0.00 G=80.00 | CG Double Symmetrical | |

Diam=1955mm

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 | 4222 lm | Luminaire Power | 78.0 W | Efficacy | 54.123 lm/W | Efficiency | 53.24% |
| Source Flux | 7930 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 | 4.3 | 5.3 | 5.2 | 6.2 | 7.4 | 4.2 | 5.2 | 5.1 | 6.2 | 7.4 |
| x=2H y=3H | 8.1 | 9.0 | 9.0 | 9.9 | 11.2 | 8.0 | 9.0 | 8.9 | 9.9 | 11.1 |
| x=2H y=4H | 10.2 | 11.0 | 11.1 | 12.0 | 13.2 | 10.1 | 11.0 | 11.0 | 11.9 | 13.1 |
| x=2H y=6H | 12.4 | 13.2 | 13.3 | 14.1 | 15.4 | 12.3 | 13.1 | 13.2 | 14.0 | 15.3 |
| x=2H y=8H | 13.6 | 14.3 | 14.5 | 15.3 | 16.6 | 13.5 | 14.3 | 14.5 | 15.3 | 16.5 |
| x=2H y=12H | 14.8 | 15.5 | 15.7 | 16.5 | 17.8 | 14.8 | 15.5 | 15.7 | 16.5 | 17.8 |
| x=4H y=2H | 5.5 | 6.4 | 6.4 | 7.3 | 8.6 | 5.5 | 6.3 | 6.4 | 7.3 | 8.5 |
| x=4H y=3H | 9.4 | 10.1 | 10.3 | 11.1 | 12.4 | 9.3 | 10.1 | 10.3 | 11.0 | 12.3 |
| x=4H y=4H | 11.5 | 12.2 | 12.5 | 13.2 | 14.5 | 11.5 | 12.2 | 12.5 | 13.2 | 14.5 |
| x=4H y=6H | 13.9 | 14.5 | 14.9 | 15.5 | 16.8 | 13.8 | 14.4 | 14.8 | 15.4 | 16.7 |
| x=4H y=8H | 15.2 | 15.7 | 16.2 | 16.7 | 18.1 | 15.1 | 15.7 | 16.1 | 16.7 | 18.0 |
| x=4H y=12H | 16.5 | 17.0 | 17.5 | 18.0 | 19.4 | 16.5 | 17.0 | 17.5 | 18.0 | 19.4 |
| x=8H y=4H | 12.4 | 12.9 | 13.3 | 13.9 | 15.3 | 12.3 | 12.9 | 13.3 | 13.9 | 15.2 |
| x=8H y=6H | 14.9 | 15.4 | 16.0 | 16.4 | 17.8 | 14.9 | 15.4 | 15.9 | 16.4 | 17.7 |
| x=8H y=8H | 16.4 | 16.8 | 17.4 | 17.8 | 19.2 | 16.4 | 16.8 | 17.4 | 17.8 | 19.2 |
| x=8H y=12H | 17.9 | 18.2 | 18.9 | 19.3 | 20.6 | 17.9 | 18.3 | 18.9 | 19.3 | 20.7 |
| x=12H y=4H | 12.6 | 13.1 | 13.6 | 14.1 | 15.5 | 12.6 | 13.1 | 13.6 | 14.1 | 15.4 |
| x=12H y=6H | 15.3 | 15.7 | 16.3 | 16.8 | 18.1 | 15.2 | 15.7 | 16.2 | 16.7 | 18.1 |
| x=12H y=8H | 16.8 | 17.2 | 17.8 | 18.2 | 19.6 | 16.8 | 17.2 | 17.9 | 18.2 | 19.6 |

Luminaire

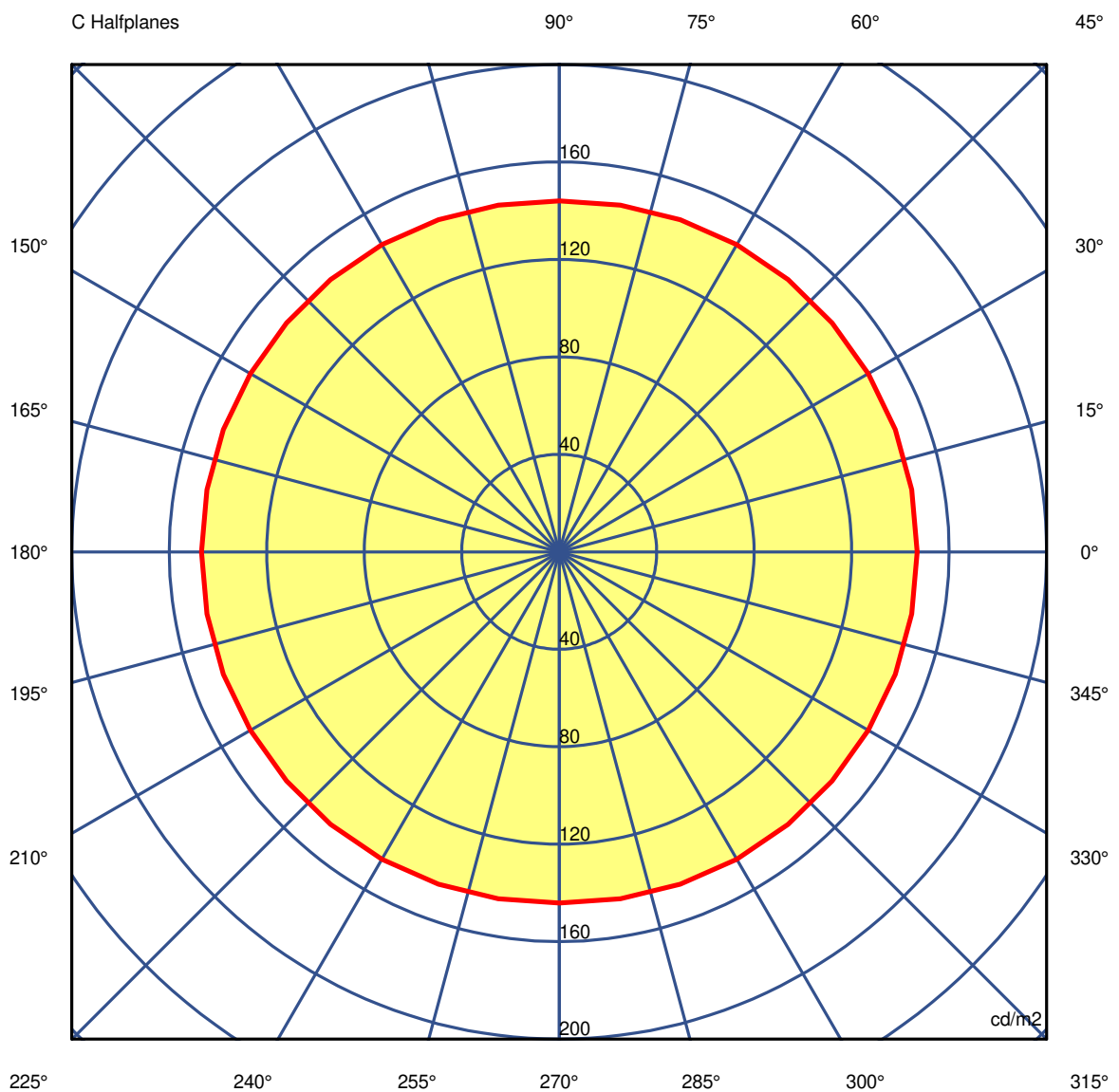
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| Luminaire Flux | 4222 lm | Luminaire Power | 78.0 W | Efficacy | 54.123 lm/W | Efficiency | 53.24% |
| Source Flux | 7930 lm | Maximum value | 57.90 cd/klm | Position | C=0.00 G=80.00 | CG | Double Symmetrical |

Luminance



45.0°

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| Luminaire Flux | 4222 lm | Luminaire Power | 78.0 W | Efficacy | 54.123 lm/W | Efficiency | 53.24% | | | | | | |
| Source Flux | 7930 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 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | 12 | 13 | 12 | 12 | 13 |
| G 5.0 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| G 10.0 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| G 15.0 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| G 20.0 | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| G 25.0 | 66 | 66 | 66 | 65 | 65 | 65 | 65 | 65 | 64 | 64 | 64 | 65 | 65 |
| G 30.0 | 82 | 82 | 82 | 82 | 82 | 81 | 81 | 81 | 81 | 80 | 81 | 81 | 81 |
| G 35.0 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 99 | 98 | 98 | 98 | 99 | 99 |
| G 40.0 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 120 | 120 | 119 | 120 | 120 | 121 |
| G 45.0 | 147 | 147 | 147 | 146 | 146 | 146 | 146 | 145 | 145 | 144 | 145 | 145 | 146 |
| G 50.0 | 178 | 177 | 177 | 177 | 177 | 177 | 176 | 175 | 175 | 174 | 175 | 175 | 176 |
| G 55.0 | 216 | 215 | 215 | 215 | 214 | 214 | 214 | 213 | 212 | 212 | 212 | 213 | 214 |
| G 60.0 | 264 | 264 | 263 | 263 | 263 | 262 | 262 | 261 | 261 | 260 | 261 | 261 | 262 |
| G 65.0 | 330 | 329 | 328 | 327 | 327 | 327 | 326 | 326 | 325 | 324 | 325 | 326 | 326 |
| G 70.0 | 421 | 421 | 421 | 420 | 419 | 419 | 419 | 419 | 418 | 417 | 418 | 419 | 419 |
| G 75.0 | 567 | 569 | 569 | 567 | 566 | 566 | 565 | 565 | 565 | 563 | 565 | 565 | 565 |
| G 80.0 | 835 | 835 | 832 | 830 | 830 | 829 | 825 | 824 | 824 | 822 | 824 | 824 | 825 |
| G 85.0 | 1396 | 1433 | 1405 | 1366 | 1421 | 1425 | 1373 | 1402 | 1417 | 1371 | 1417 | 1402 | 1373 |
| G 90.0 | 5289 | 5118 | 5309 | 5541 | 4539 | 4292 | 4580 | 3374 | 2639 | 3221 | 2639 | 3374 | 4580 |

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| Luminaire Flux | 4222 lm | | Luminaire Power | | 78.0 W | | Efficacy | | 54.123 lm/W | | Efficiency | | 53.24% | |
| Source Flux | 7930 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 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | |
| G 5.0 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | |
| G 10.0 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | |
| G 15.0 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 37 | |
| G 20.0 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 50 | |
| G 25.0 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 65 | 65 | |
| G 30.0 | 81 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 81 | 81 | 81 | |
| G 35.0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 99 | |
| G 40.0 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 121 | 120 | |
| G 45.0 | 146 | 146 | 146 | 147 | 147 | 147 | 147 | 147 | 146 | 146 | 146 | 146 | 145 | |
| G 50.0 | 177 | 177 | 177 | 177 | 177 | 178 | 177 | 177 | 177 | 177 | 177 | 176 | 175 | |
| G 55.0 | 214 | 214 | 215 | 215 | 215 | 216 | 215 | 215 | 215 | 214 | 214 | 214 | 213 | |
| G 60.0 | 262 | 263 | 263 | 263 | 264 | 264 | 264 | 263 | 263 | 263 | 262 | 262 | 261 | |
| G 65.0 | 327 | 327 | 327 | 328 | 329 | 330 | 329 | 328 | 327 | 327 | 327 | 326 | 326 | |
| G 70.0 | 419 | 419 | 420 | 421 | 421 | 421 | 421 | 421 | 420 | 419 | 419 | 419 | 419 | |
| G 75.0 | 566 | 566 | 567 | 569 | 569 | 567 | 569 | 569 | 567 | 566 | 566 | 565 | 565 | |
| G 80.0 | 829 | 830 | 830 | 832 | 835 | 835 | 835 | 832 | 830 | 830 | 829 | 825 | 824 | |
| G 85.0 | 1425 | 1421 | 1366 | 1405 | 1433 | 1396 | 1433 | 1405 | 1366 | 1421 | 1425 | 1373 | 1402 | |
| G 90.0 | 4292 | 4539 | 5541 | 5309 | 5118 | 5289 | 5118 | 5309 | 5541 | 4539 | 4292 | 4580 | 3374 | |

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| Source Flux | 7930 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 | 12 | 13 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 13 |
| G 5.0 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| G 10.0 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| G 15.0 | 37 | 37 | 37 | 37 | 37 | 38 | 38 | 38 | 38 | 38 |
| G 20.0 | 50 | 50 | 50 | 50 | 50 | 51 | 51 | 51 | 51 | 51 |
| G 25.0 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 66 | 66 |
| G 30.0 | 81 | 80 | 81 | 81 | 81 | 81 | 82 | 82 | 82 | 82 |
| G 35.0 | 98 | 98 | 98 | 99 | 99 | 100 | 100 | 100 | 100 | 100 |
| G 40.0 | 120 | 119 | 120 | 120 | 121 | 121 | 121 | 121 | 121 | 121 |
| G 45.0 | 145 | 144 | 145 | 145 | 146 | 146 | 146 | 146 | 147 | 147 |
| G 50.0 | 175 | 174 | 175 | 175 | 176 | 177 | 177 | 177 | 177 | 177 |
| G 55.0 | 212 | 212 | 212 | 213 | 214 | 214 | 214 | 215 | 215 | 215 |
| G 60.0 | 261 | 260 | 261 | 261 | 262 | 262 | 263 | 263 | 263 | 264 |
| G 65.0 | 325 | 324 | 325 | 326 | 326 | 327 | 327 | 327 | 328 | 329 |
| G 70.0 | 418 | 417 | 418 | 419 | 419 | 419 | 419 | 420 | 421 | 421 |
| G 75.0 | 565 | 563 | 565 | 565 | 565 | 566 | 566 | 567 | 569 | 569 |
| G 80.0 | 824 | 822 | 824 | 824 | 825 | 829 | 830 | 830 | 832 | 835 |
| G 85.0 | 1417 | 1371 | 1417 | 1402 | 1373 | 1425 | 1421 | 1366 | 1405 | 1433 |
| G 90.0 | 2639 | 3221 | 2639 | 3374 | 4580 | 4292 | 4539 | 5541 | 5309 | 5118 |