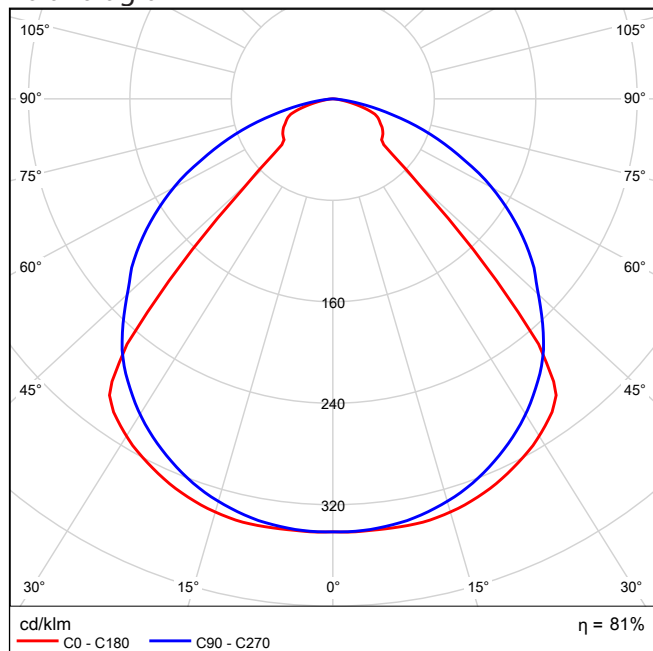
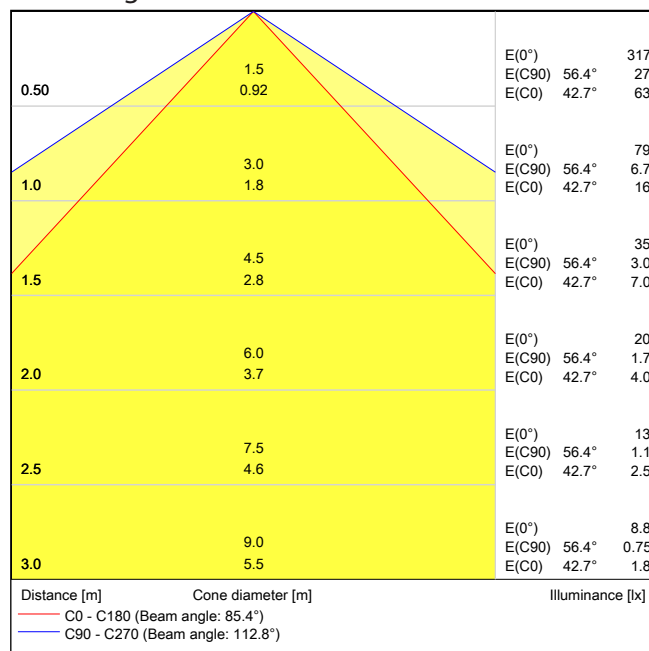


Polar diagram



Cone diagram



UGR diagram

| Glare evaluation according to UGR | | | | | | | | | | | | |
|--|-----|---|------|------|------|------|--|------|------|------|------|--|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | | |
| 2H | 2H | 16.7 | 17.9 | 17.0 | 18.1 | 18.3 | 22.6 | 23.8 | 22.9 | 24.0 | 24.2 | |
| | 3H | 17.2 | 18.2 | 17.5 | 18.5 | 18.7 | 23.9 | 24.9 | 24.2 | 25.2 | 25.4 | |
| | 4H | 17.3 | 18.3 | 17.7 | 18.6 | 18.8 | 24.2 | 25.2 | 24.6 | 25.5 | 25.8 | |
| | 6H | 17.4 | 18.3 | 17.7 | 18.5 | 18.8 | 24.3 | 25.2 | 24.7 | 25.5 | 25.8 | |
| | 8H | 17.3 | 18.2 | 17.7 | 18.5 | 18.8 | 24.3 | 25.2 | 24.7 | 25.5 | 25.8 | |
| | 12H | 17.3 | 18.1 | 17.7 | 18.4 | 18.8 | 24.3 | 25.1 | 24.7 | 25.4 | 25.8 | |
| 4H | 2H | 17.2 | 18.2 | 17.6 | 18.5 | 18.8 | 22.5 | 23.4 | 22.8 | 23.7 | 24.0 | |
| | 3H | 17.7 | 18.5 | 18.1 | 18.9 | 19.2 | 23.7 | 24.6 | 24.1 | 24.9 | 25.2 | |
| | 4H | 17.9 | 18.7 | 18.3 | 19.0 | 19.4 | 24.2 | 24.9 | 24.6 | 25.2 | 25.6 | |
| | 6H | 18.0 | 18.6 | 18.4 | 19.0 | 19.4 | 24.3 | 24.9 | 24.7 | 25.2 | 25.6 | |
| | 8H | 18.0 | 18.6 | 18.4 | 19.0 | 19.4 | 24.3 | 24.8 | 24.7 | 25.2 | 25.6 | |
| | 12H | 18.0 | 18.5 | 18.4 | 18.9 | 19.3 | 24.3 | 24.8 | 24.7 | 25.2 | 25.6 | |
| 8H | 4H | 18.0 | 18.6 | 18.4 | 19.0 | 19.4 | 24.1 | 24.6 | 24.5 | 25.0 | 25.4 | |
| | 6H | 18.1 | 18.6 | 18.6 | 19.0 | 19.4 | 24.2 | 24.6 | 24.6 | 25.1 | 25.5 | |
| | 8H | 18.1 | 18.5 | 18.6 | 19.0 | 19.4 | 24.2 | 24.6 | 24.7 | 25.0 | 25.5 | |
| | 12H | 18.1 | 18.4 | 18.6 | 18.9 | 19.4 | 24.2 | 24.5 | 24.7 | 25.0 | 25.5 | |
| 12H | 4H | 18.0 | 18.5 | 18.4 | 18.9 | 19.3 | 24.0 | 24.5 | 24.5 | 25.0 | 25.4 | |
| | 6H | 18.1 | 18.5 | 18.6 | 18.9 | 19.4 | 24.1 | 24.5 | 24.6 | 25.0 | 25.5 | |
| | 8H | 18.1 | 18.4 | 18.6 | 18.9 | 19.4 | 24.1 | 24.5 | 24.6 | 25.0 | 25.5 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | | +1.6 / -2.7 | | | | | +0.3 / -0.4 | | | | | |
| S = 1.5H | | +2.5 / -3.0 | | | | | +0.5 / -1.0 | | | | | |
| S = 2.0H | | +3.8 / -3.1 | | | | | +1.7 / -4.1 | | | | | |
| Standard table | | BK02 | | | | | BK03 | | | | | |
| Correction summand | | -0.6 | | | | | 6.2 | | | | | |
| Corrected glare indices referring to 232lm Total luminous flux | | | | | | | | | | | | |

The UGR values are calculated in acc. with CIE Publ. 117. Spacing-to-Height-Ratio = 0.25