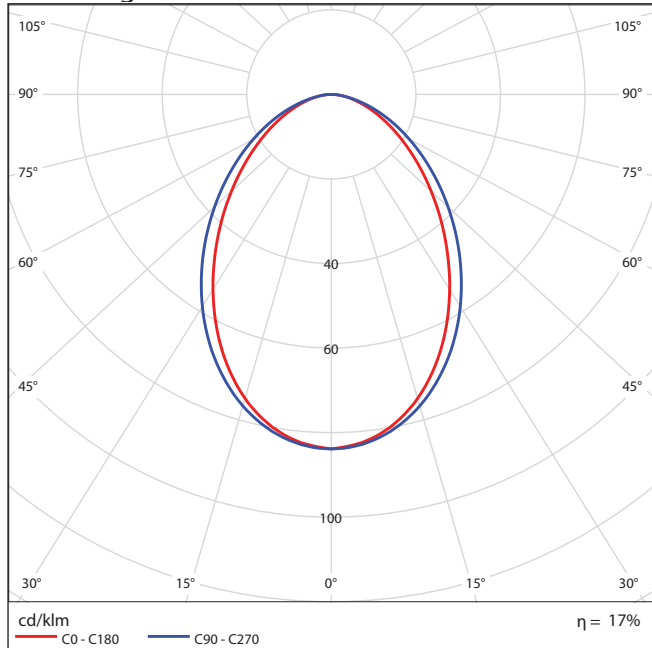
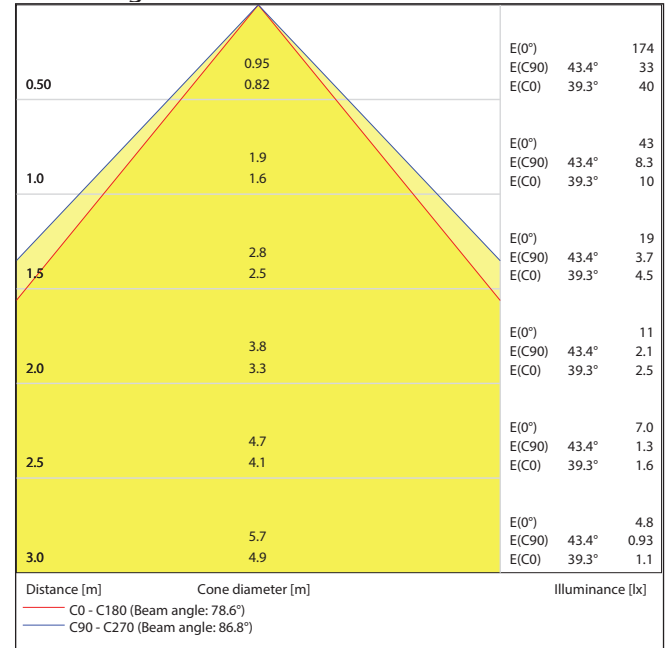


Polar diagram

Cone diagram

UGR diagram

| Glare evaluation according to UGR | | | | | | | | | | | | |
|--|-----|---|------|------|------|------|--|------|------|------|------|--|
| ρ Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| ρ Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| ρ 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 | 13.6 | 14.8 | 13.9 | 15.0 | 15.2 | 15.2 | 16.4 | 15.5 | 16.6 | 16.8 | |
| | 3H | 14.4 | 15.4 | 14.7 | 15.7 | 15.9 | 16.3 | 17.4 | 16.6 | 17.6 | 17.9 | |
| | 4H | 14.6 | 15.6 | 15.0 | 15.9 | 16.2 | 16.7 | 17.7 | 17.0 | 18.0 | 18.2 | |
| | 6H | 14.8 | 15.7 | 15.1 | 16.0 | 16.3 | 16.9 | 17.9 | 17.3 | 18.2 | 18.5 | |
| | 8H | 14.8 | 15.7 | 15.2 | 16.0 | 16.3 | 17.0 | 17.9 | 17.4 | 18.2 | 18.5 | |
| | 12H | 14.8 | 15.7 | 15.2 | 16.0 | 16.3 | 17.0 | 17.9 | 17.4 | 18.2 | 18.5 | |
| 4H | 2H | 14.1 | 15.1 | 14.5 | 15.4 | 15.7 | 15.5 | 16.5 | 15.8 | 16.7 | 17.0 | |
| | 3H | 15.1 | 15.9 | 15.5 | 16.3 | 16.6 | 16.7 | 17.6 | 17.1 | 17.9 | 18.2 | |
| | 4H | 15.4 | 16.2 | 15.8 | 16.5 | 16.9 | 17.2 | 18.0 | 17.6 | 18.3 | 18.7 | |
| | 6H | 15.7 | 16.3 | 16.1 | 16.7 | 17.1 | 17.6 | 18.2 | 18.0 | 18.6 | 19.0 | |
| | 8H | 15.7 | 16.3 | 16.1 | 16.7 | 17.1 | 17.7 | 18.3 | 18.1 | 18.7 | 19.1 | |
| | 12H | 15.7 | 16.3 | 16.2 | 16.7 | 17.1 | 17.7 | 18.3 | 18.2 | 18.7 | 19.1 | |
| 8H | 4H | 15.6 | 16.2 | 16.1 | 16.6 | 17.0 | 17.3 | 17.9 | 17.7 | 18.3 | 18.7 | |
| | 6H | 15.9 | 16.4 | 16.4 | 16.8 | 17.3 | 17.7 | 18.2 | 18.2 | 18.6 | 19.1 | |
| | 8H | 16.0 | 16.5 | 16.5 | 16.9 | 17.4 | 17.9 | 18.3 | 18.3 | 18.7 | 19.2 | |
| | 12H | 16.1 | 16.4 | 16.6 | 16.9 | 17.4 | 17.9 | 18.3 | 18.4 | 18.8 | 19.3 | |
| 12H | 4H | 15.6 | 16.2 | 16.1 | 16.6 | 17.0 | 17.3 | 17.8 | 17.7 | 18.2 | 18.7 | |
| | 6H | 16.0 | 16.4 | 16.4 | 16.8 | 17.3 | 17.7 | 18.1 | 18.2 | 18.6 | 19.1 | |
| | 8H | 16.1 | 16.4 | 16.6 | 16.9 | 17.4 | 17.9 | 18.2 | 18.3 | 18.7 | 19.2 | |
| | | | | | | | | | | | | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H S = 1.5H S = 2.0H | | +0.3 / -0.4 +0.5 / -1.0 +0.9 / -1.6 | | | | | +0.2 / -0.2 +0.4 / -0.6 +1.0 / -1.2 | | | | | |
| Standard table | | BK03 | | | | | BK04 | | | | | |
| Correction summand | | -8.1 | | | | | -5.8 | | | | | |
| Corrected glare indices referring to 518lm Total luminous flux | | | | | | | | | | | | |

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