

Teren 1 / KLUS MOD-50 (LED K-40-1820 4000K) Extrusion with cover JUN-50 prismatic + REFLEX 16-60 1xLED 2x 12" 30cm K-40-1820 4000K / KLUS - Extrusion with cover JUN-50 prismatic + REFLEX 16-60 (1xLED 2x 12" 30cm K-40-1820 4000K)

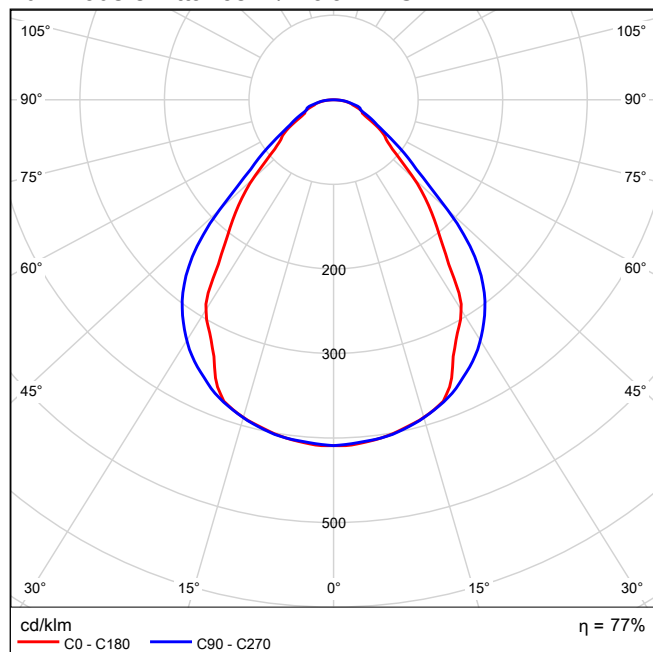
KLUS MOD-50 (LED K-40-1820 4000K) Extrusion with cover JUN-50 prismatic + REFLEX 16-60 1xLED 2x 12" 30cm K-40-1820 4000K

See our luminaire catalog for an image of the luminaire.

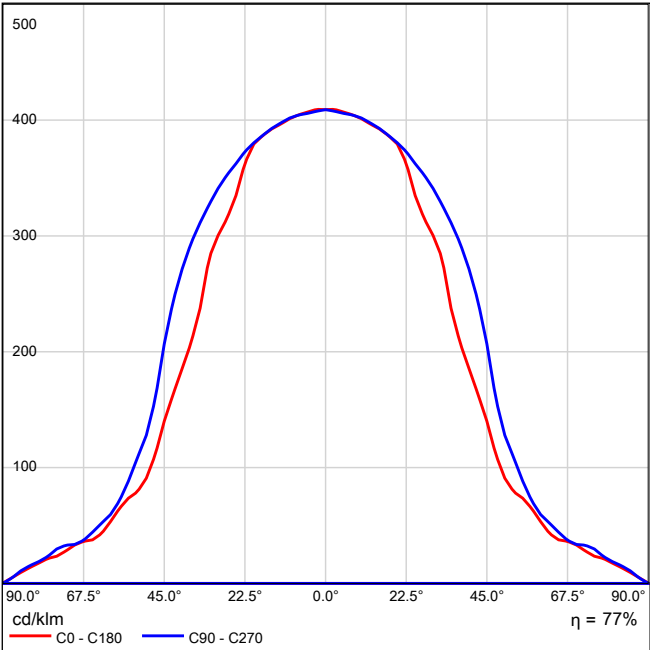
Light output ratio: 76.64%
Lamp luminous flux: 944 lm
Luminaire luminous flux: 723 lm
Power: 9.0 W
Luminous efficacy: 80.4 lm/W

Colourimetric data
1x: CCT 4000 K, CRI 90

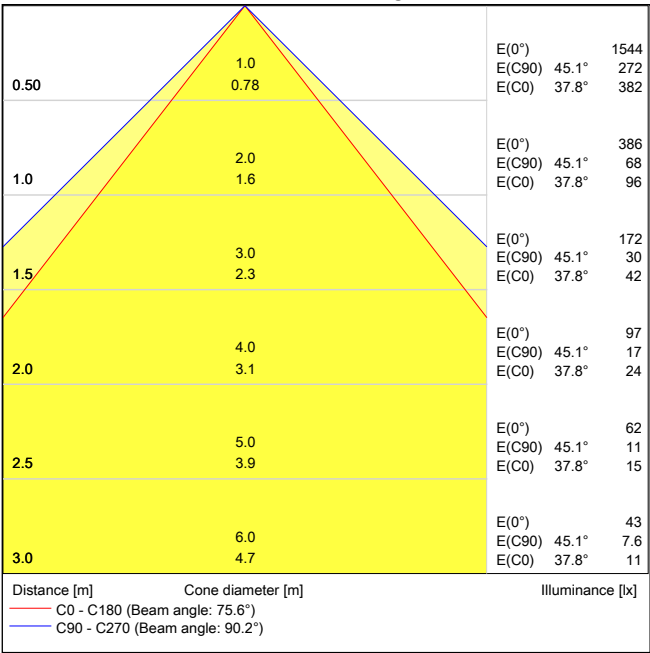
Luminous emittance 1 / Polar LDC



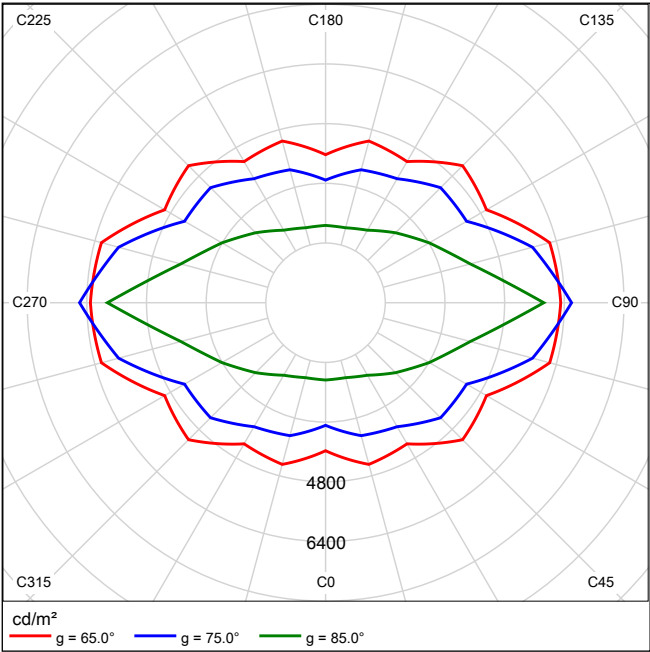
Luminous emittance 1 / Linear LDC



Luminous emittance 1 / Cone diagram



Luminous emittance 1 / Luminance diagram



Luminous emittance 1 / 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 | 18.0 | 19.1 | 18.3 | 19.3 | 19.5 | 19.7 | 20.7 | 19.9 | 20.9 | 21.2 | |
| | 3H | 18.7 | 19.7 | 19.0 | 19.9 | 20.2 | 20.3 | 21.3 | 20.6 | 21.5 | 21.8 | |
| | 4H | 19.1 | 20.0 | 19.4 | 20.2 | 20.5 | 20.7 | 21.7 | 21.1 | 21.9 | 22.2 | |
| | 6H | 19.4 | 20.2 | 19.7 | 20.5 | 20.8 | 21.1 | 22.0 | 21.5 | 22.2 | 22.5 | |
| | 8H | 19.5 | 20.3 | 19.8 | 20.6 | 20.9 | 21.3 | 22.1 | 21.6 | 22.4 | 22.7 | |
| | 12H | 19.5 | 20.3 | 19.9 | 20.6 | 20.9 | 21.4 | 22.2 | 21.8 | 22.5 | 22.8 | |
| 4H | 2H | 18.4 | 19.3 | 18.7 | 19.6 | 19.8 | 19.8 | 20.7 | 20.1 | 21.0 | 21.2 | |
| | 3H | 19.3 | 20.0 | 19.6 | 20.3 | 20.7 | 20.7 | 21.4 | 21.0 | 21.7 | 22.1 | |
| | 4H | 19.8 | 20.4 | 20.1 | 20.8 | 21.1 | 21.3 | 21.9 | 21.6 | 22.3 | 22.6 | |
| | 6H | 20.2 | 20.8 | 20.6 | 21.1 | 21.5 | 21.8 | 22.4 | 22.2 | 22.7 | 23.1 | |
| | 8H | 20.3 | 20.9 | 20.8 | 21.3 | 21.7 | 22.0 | 22.5 | 22.4 | 22.9 | 23.3 | |
| | 12H | 20.4 | 20.9 | 20.9 | 21.3 | 21.8 | 22.2 | 22.7 | 22.6 | 23.1 | 23.5 | |
| 8H | 4H | 20.0 | 20.5 | 20.4 | 20.9 | 21.3 | 21.4 | 21.9 | 21.8 | 22.3 | 22.7 | |
| | 6H | 20.6 | 21.0 | 21.0 | 21.4 | 21.9 | 22.0 | 22.5 | 22.5 | 22.9 | 23.3 | |
| | 8H | 20.8 | 21.2 | 21.3 | 21.6 | 22.1 | 22.3 | 22.7 | 22.8 | 23.2 | 23.6 | |
| | 12H | 20.9 | 21.3 | 21.4 | 21.7 | 22.2 | 22.6 | 22.9 | 23.1 | 23.4 | 23.9 | |
| 12H | 4H | 20.0 | 20.5 | 20.5 | 20.9 | 21.4 | 21.4 | 21.9 | 21.8 | 22.3 | 22.7 | |
| | 6H | 20.6 | 21.0 | 21.1 | 21.4 | 21.9 | 22.1 | 22.4 | 22.5 | 22.9 | 23.4 | |
| | 8H | 20.9 | 21.2 | 21.4 | 21.7 | 22.2 | 22.4 | 22.7 | 22.9 | 23.2 | 23.7 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H S = 1.5H S = 2.0H | | +0.5 / -0.6 +0.9 / -1.1 +1.8 / -1.5 | | | | | +0.4 / -0.5 +1.4 / -1.0 +2.5 / -1.5 | | | | | |
| Standard table | | BK04 | | | | | BK04 | | | | | |
| Correction summand | | 2.1 | | | | | 3.6 | | | | | |
| Corrected glare indices referring to 944lm Total luminous flux | | | | | | | | | | | | |

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