

Teren 1 / KLUS MOD-50 (LED K-40-1820 4000K) Extrusion with cover POL-50 frosted 1xLED 2x 12" 30cm K-40-1820 4000K / KLUS  
- Extrusion with cover POL-50 frosted (1xLED 2x 12" 30cm K-40-1820 4000K)

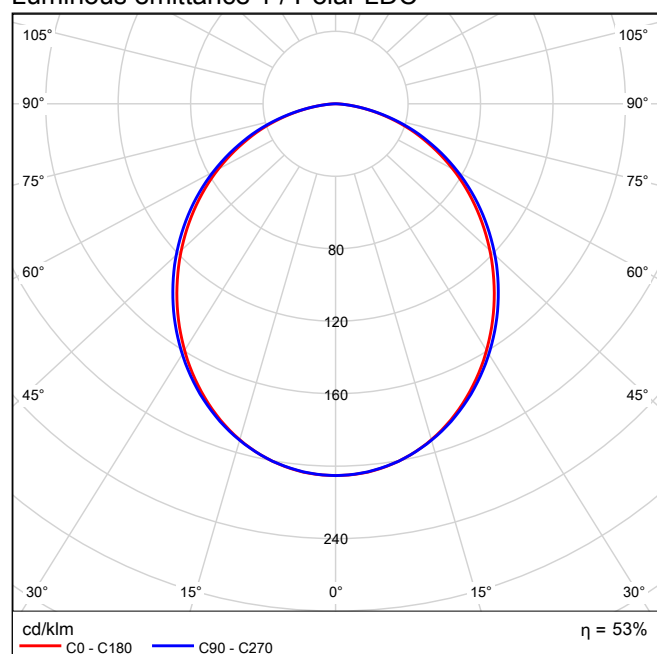
## KLUS MOD-50 (LED K-40-1820 4000K) Extrusion with cover POL-50 frosted 1xLED 2x 12" 30cm K-40-1820 4000K

See our luminaire  
catalog for an image of  
the luminaire.

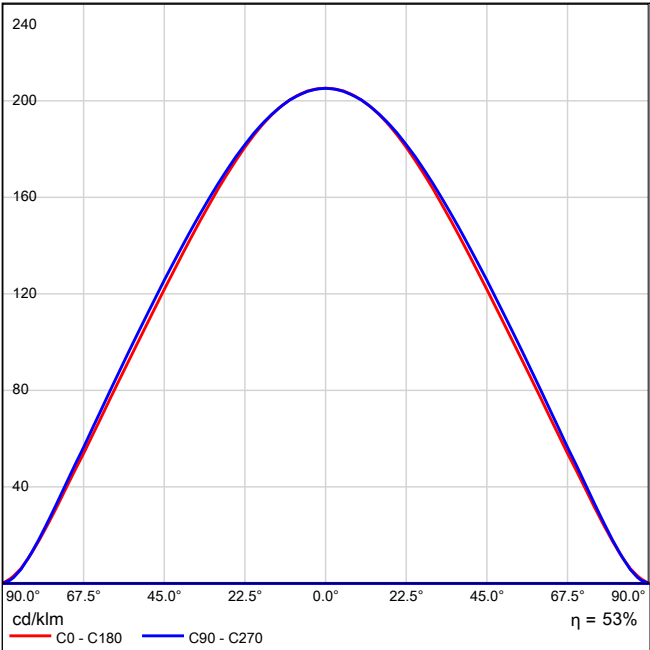
Light output ratio: 53.48%  
Lamp luminous flux: 944 lm  
Luminaire luminous flux: 505 lm  
Power: 9.0 W  
Luminous efficacy: 56.1 lm/W

Colourimetric data  
1x: CCT 4000 K, CRI 90

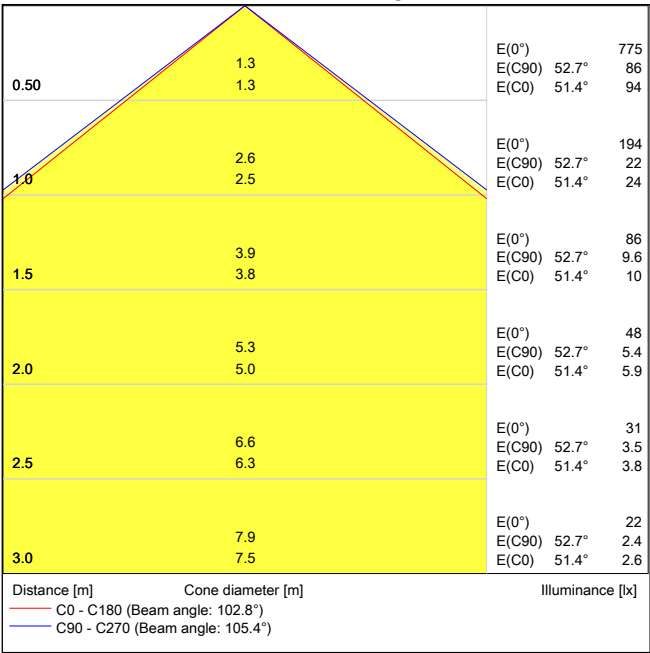
### Luminous emittance 1 / Polar LDC



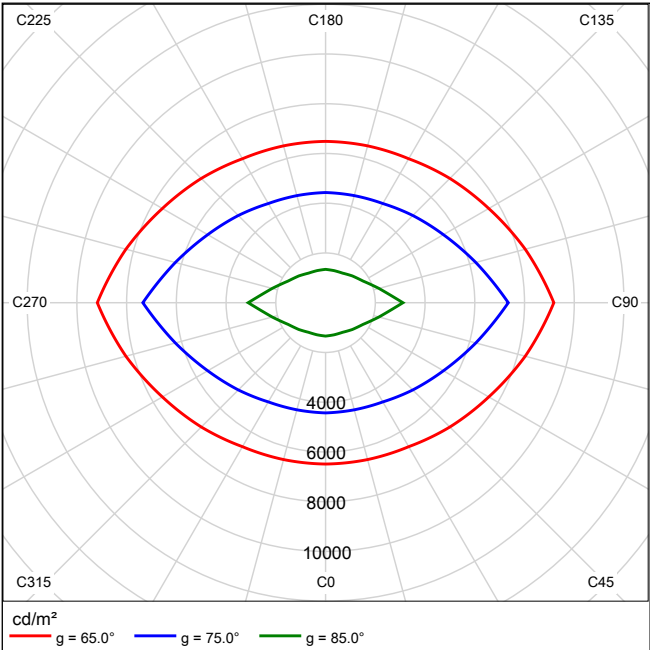
Luminous emittance 1 / Linear LDC



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	19.8	21.0	20.0	21.3	21.5	20.4	21.7	20.7	21.9	22.2	
	3H	21.0	22.2	21.3	22.4	22.7	21.9	23.0	22.2	23.3	23.6	
	4H	21.4	22.6	21.8	22.8	23.1	22.4	23.5	22.7	23.8	24.1	
	6H	21.7	22.7	22.0	23.0	23.3	22.7	23.8	23.1	24.1	24.4	
	8H	21.7	22.7	22.1	23.0	23.4	22.8	23.8	23.2	24.1	24.4	
	12H	21.7	22.7	22.1	23.0	23.3	22.8	23.8	23.2	24.1	24.4	
4H	2H	20.4	21.5	20.7	21.8	22.1	20.9	22.0	21.3	22.3	22.6	
	3H	21.8	22.8	22.2	23.1	23.4	22.5	23.5	22.9	23.8	24.1	
	4H	22.4	23.2	22.8	23.6	23.9	23.2	24.0	23.6	24.4	24.7	
	6H	22.7	23.4	23.1	23.8	24.2	23.6	24.4	24.0	24.7	25.1	
	8H	22.8	23.4	23.2	23.8	24.3	23.7	24.4	24.2	24.8	25.2	
	12H	22.8	23.4	23.2	23.8	24.2	23.8	24.4	24.2	24.8	25.2	
8H	4H	22.6	23.3	23.1	23.7	24.1	23.4	24.0	23.8	24.4	24.8	
	6H	23.0	23.6	23.5	24.0	24.5	23.9	24.4	24.3	24.9	25.3	
	8H	23.2	23.6	23.6	24.1	24.5	24.0	24.5	24.5	25.0	25.4	
	12H	23.2	23.6	23.7	24.1	24.6	24.1	24.5	24.6	25.0	25.5	
12H	4H	22.6	23.2	23.1	23.6	24.1	23.4	24.0	23.8	24.4	24.8	
	6H	23.1	23.5	23.5	24.0	24.5	23.9	24.4	24.4	24.8	25.3	
	8H	23.2	23.6	23.7	24.1	24.6	24.1	24.5	24.6	24.9	25.4	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.1 / -0.2					+0.1 / -0.1					
S = 1.5H		+0.3 / -0.5					+0.2 / -0.4					
S = 2.0H		+0.6 / -1.0					+0.5 / -0.7					
Standard table		BK04					BK05					
Correction summand		3.2					4.6					
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