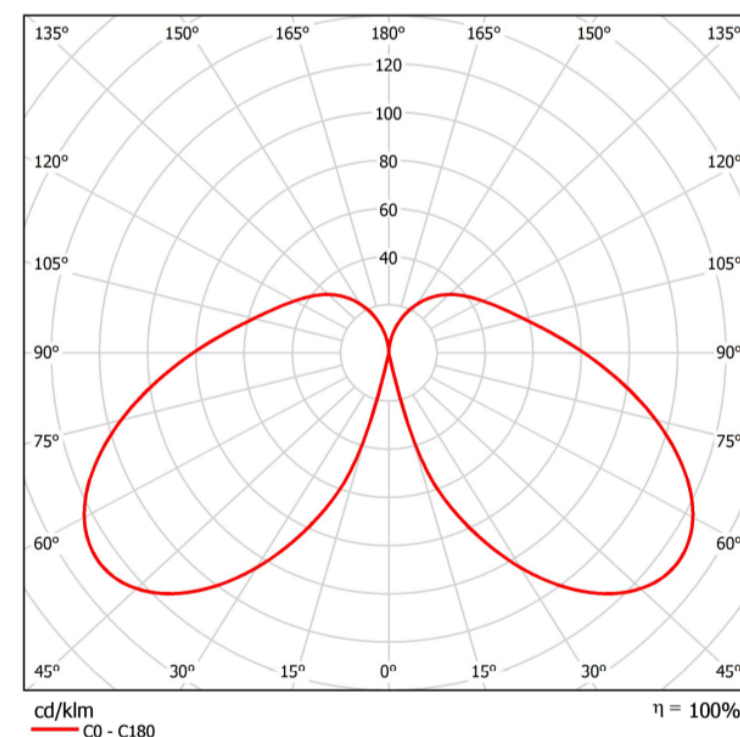


1. Cover
2. LED module
3. Lamp-diffuser
4. Frame
5. Intermediate ring
6. Driver
7. Aluminium tubular body
8. Insulation insert
9. Cable gland
10. Base plate

Technical data

Column	KARIN 450 LED	
Code	45200/6/C...	45200/3/C...
Colour temperature [K]	5000	3500
Protection degree IP	IP 65	
Insulation class	II	
LEDs power [W]	16	
LEDs amount	8	
LEDs type	CREE XT-E	
Colour rendering index CRI	>75	
Lifetime of L70 LEDs [h]	>50 000	
Voltage [V]	100 - 240 AC	
Frequency [Hz]	50/60	
Luminous efficiency [lm/W]	50	48
Total power [W]	21	
Luminous flux* [lm]	1050	1000
Supply current [mA]	700	
Height [mm]	450	
Diameter D [mm]	150	
Concrete footing / reinforcement basket	B-0 / Z-0	
Material	aluminium cylindrical tube	
Diffuser	PMMA	
Diffuser colour	frozen	

Distribution curve KARIN 450 LED



- surface: polished aluminium
- anodizing in 12 colours
- packing: bubble foil

* due to the precision class of diodes tolerance is +/- 3%

- Low Voltage Directive LVD 2006/95/WE, norm PN-EN 60598-1
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3