

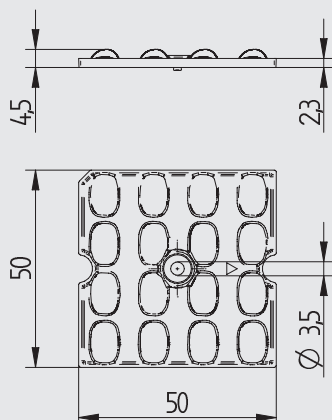
# LED - Light and connection technology

4x4 Optics for street and outdoor lighting

35.116



Preliminary  
data sheet



pkg. wt. part no.  
200 8.2 g 35.116.1001.85

**Optics for street and outdoor lighting according to Zhaga Book 15, 4x4 MidPower, IESNA Typ 1**

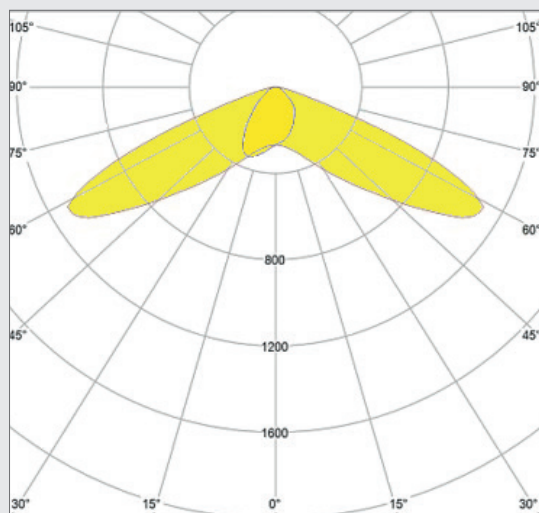
Material: PMMA (clear)  
Screw fixing: Screws M3  
Maximum torque: 0.5 Nm

Suitable for LED chips 3030, 2835 and LED modules according to Zhaga Book 15

Height	4.5 mm
Width	50 mm
Length	50 mm
Type of fixing	Screw fixing: [0.5 Nm] for screws M3
Type of LED	3030, 2835
Pitch distance	12.5 mm
Material	PMMA
Colour	clear
Lens surface	highly polished
Optical efficiency	see below
Operating temperature	max. 80 °C

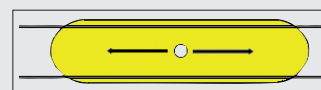
The presented information are for reference only. All lighting parameters are typical values. The light distribution depends on the used Type of LEDs, position tolerance, chip size and used colour.

T 80 CAD



Light distribution: IESNA Typ 1-short  
measured with Philips Fortimo FastFlex LED 4x16 DHE G4

Efficiency: 97%



schematic illustration of the light distribution

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