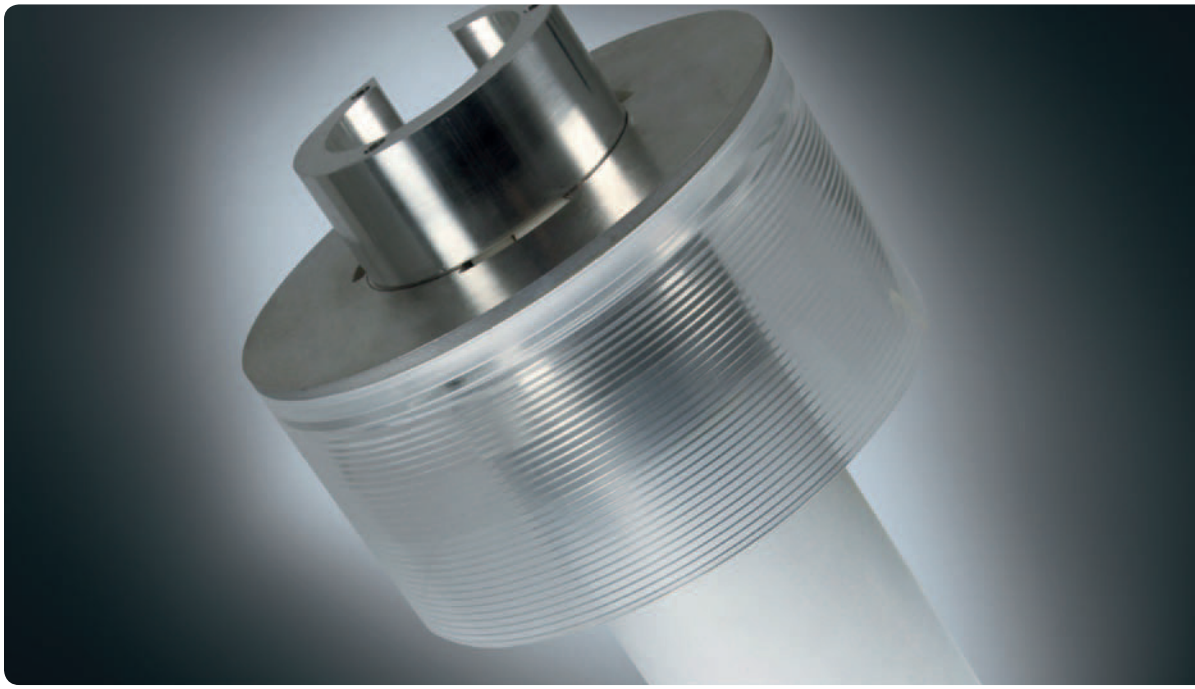

Eco Circle
360° module

A problem which occurs frequently in street lighting is the lack of efficiency in older decorative lights. Eco Circle lights offers more than a conventional retrofit solution: Their high-tech, optimized heat management and outstanding light distribution ensure first-class light quality, the best efficiency and durability. At the same time, energy consumption is significantly below the values for conventional light bulbs. In summary: The new LED light modules provide top performance, ecologically and economically, making streetlights fit for the future.

ELECTRONICS	
Luminaire type	Retrofit module with 14 LEDs
Driver	Electronically, integrated into the module
Mains connection	220 – 240 V / 50 – 60 Hz
Interface	2-level operation via two supply phases (100 % / 50 % reduction)
Protection class	Class II
Power consumption	25 W
Cable	60 cm

LIGHT TECHNOLOGIES	
System luminous flux (module)	2,500 lm (4,000K) 2,200 lm (3,000K) 1,800 lm (2,700 K)
Color temperature	4,000 K / 3,000 K / 2,700 K
Color rendering index (CRI)	CRI > 80 (2,700K) CRI > 70 (3,000K / 4,000K)
Luminous flux over lifetime	80 % after 50,000 operating hours (According to IES LM-80 & TM-21)
Light distribution	Asymmetrical, rectangular or symmetrical, rectangular light distribution

ADDITIONAL DATA	
Dimensions (L x W x H)	220 x 137 x 137 mm
Weight	1,060 g
Materials	Spacer tube: aluminum, light curtain: PMMA
Installation	Fastening in luminaire housing. Suited for suspended or pole-mounted luminaires.
Efficiency class	A+ A

All performance parameters are based on an ambient temperature of 25°C

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