



L-Optic

## Eco RoadLine RL large

The Eco RoadLine is optimized for a homogenous illumination for main roads. Functional design meets first-class lighting technology. The integration of the optic into the cover lens sets a new milestone regarding optical efficiency.

Functionality and easy maintenance are the main selling points for the Eco RoadLine. The LED module and the driver can be exchanged directly at the installed luminaire. A simple, fast and economical solution. 2-level operation via two supply lines possible (100% / 50% reduction).

ELECTRONICS	
Luminaire type	1 module with 64 LEDs
Driver	Replaceable
Mains connection	220 V – 240 V / 50 – 60 Hz
Protection class	SK II
Power consumption	140 W
Power factor *	≥ 0.95 c
Cable	Optionally installed connecting cable (14 m) or with connecting plug for self assembly of the cable
Interface	2-level operation via two supply lines possible (100% / 50% reduction)
LIGHT TECHNOLOGIES	
System luminous flux	3,000 K (warm white): 10,500 lm 4,000 K (neutral white): 12,500 lm 5,000 K (cold white): 12,500 lm
Luminous flux over lifetime	80 % after 50,000 operating hours (According to IES LM-80 & TM-21)
Color temperature / Color rendering index (CRI)	3,000 K (warm white) / CRI typ. 75 4,000 K (neutral white) / CRI typ. 75 5,000 K (cold white) / CRI typ. 75
Optics	Cover lens consisting of PMMA with integrated optic

ADDITIONAL DATA	
Dimensions (L x W x H)	Horizontal mounting: 960 x 245 x 132 mm Vertical mounting: 950 x 245 x 150 mm
Weight (without cable)	7.2 kg
Housing	Aluminium die casting, powder-coated, similar to RAL 9007
Mast connection	60 mm for horizontal mounting; 76 mm for vertical mounting
Tilt angle	Variable till setting between -15° and +15° (no tools required)
Area exposed to wind	FW = 0.08 m <sup>2</sup>
Impact resistance	IK07
IP Certification (Luminaire)	IP 66
Certification	
Efficiency class	

\* At maximum output power

All performance parameters refer to an ambient temperature of 25°C

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