

Renovation of public lighting

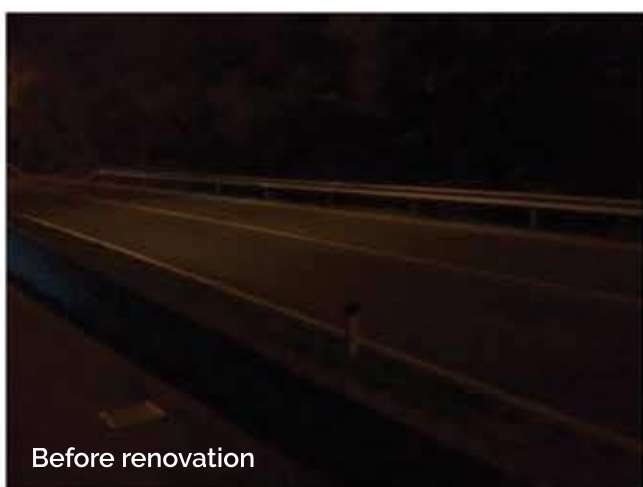


Location:
Slovenia
EU

Case:
51 street lights

Measurements of illumination were performed around 9pm in both cases at ambient temperature ~15°C in dry weather conditions.

	Old	New
below lamp	7 lux	40 lux
in the middle of the street	4 lux	37 lux
at the edge of the street	4 lux	28 lux
below lamp in the middle between 2 lamps	0,5 lux	8 lux
in the middle of the street between 2 lamps	1 lux	11 lux
at the very edge of the street furthers from 2 lamps	1 lux	10 lux



Sodium lamps that do not comply with the regulation of light pollution, 250W.



Our LED light, 115W. It has a reduced regime from 10pm to 6am in winter time and from 11pm to 7am during summer. At that time illumination is reduced by app. 25%. Consumption of this lamp in this reduced mode is 80W.