

THORN

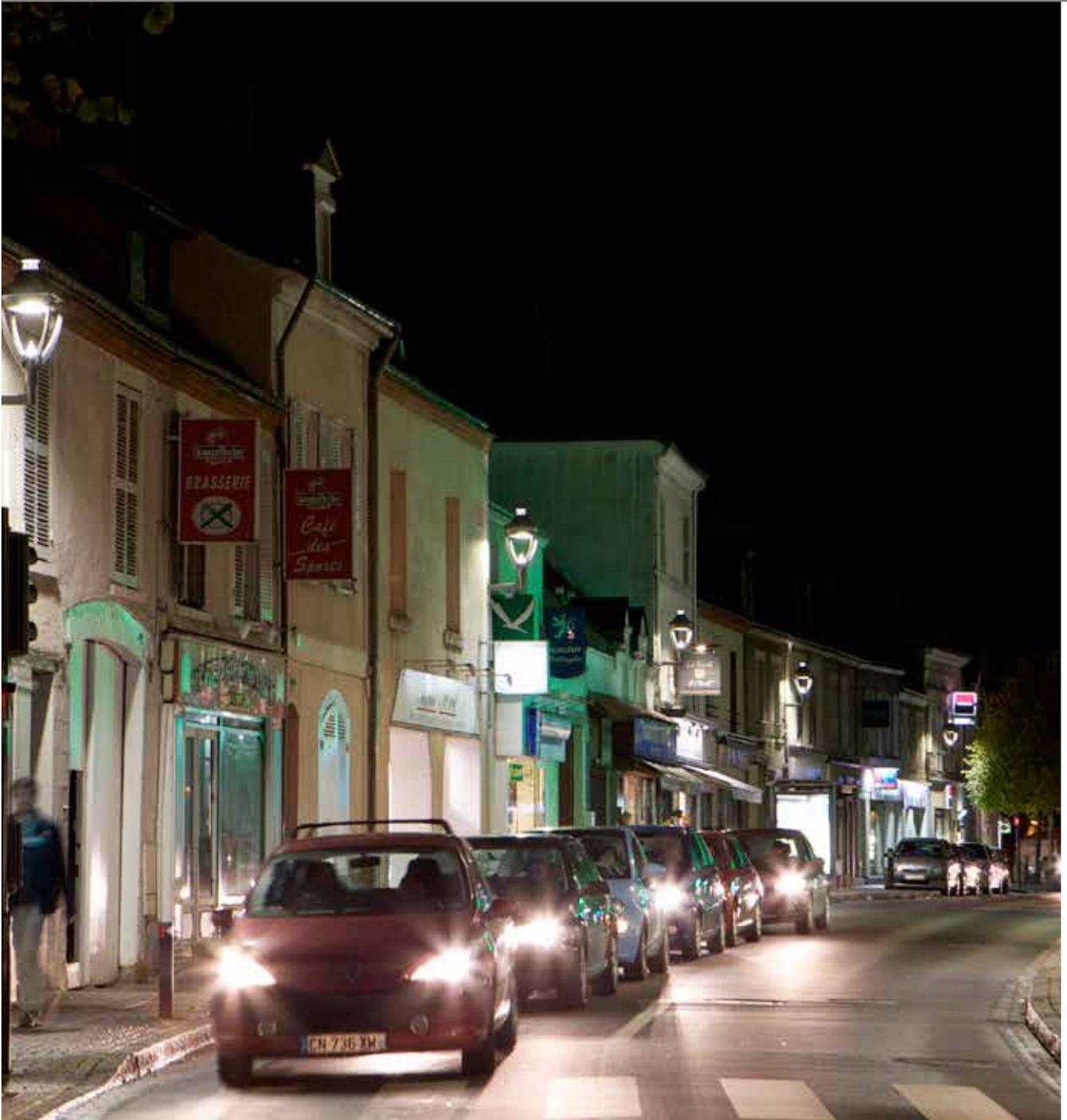
LIGHTING PEOPLE

Case Study

Olivet, France



Modern LED light sources in a modern but classical design provide excellent efficacy



Product used



Legend

Key facts

- 38 Legend LED 58W lanterns installed
- Energy saving: 60%
- Obtrusive light reduced to zero
- White light and high colour rendition are particularly suitable for lighting a shopping area



Legend LED luminaires improve high street lighting and energy efficiency

Olivet is a commune located in the Loiret department in central France. It lies on the edge of the Loire Valley, a natural area designated as a UNESCO world heritage site.

Its main thoroughfare, a former national highway, is now a busy shopping including many pedestrian crossings. Lighting was provided by 38 translucent faceted wall mounted units fitted with 250W mercury vapour lamps. The luminaires were of poor colour rendering qualities and very low lumen/watt energy efficiency.

The criteria for Olivet's high street energy improvement programme took into consideration the main shopping thoroughfare, energy savings, a good colour rendering level and instant light, but with the provision that the existing installation points were to be retained.

Legend LED was selected by the mayor of Olivet due its ancient yet modern aesthetics which blend perfectly into the urban landscape.

Legend LED white light and high colour rendition makes it particularly suitable for lighting for a busy shopping area. The lantern's design together with its street lighting photometrics also eliminates obtrusive light, thus providing residents with a comfortable visual environment. The use of LED brings a significant reduction in maintenance frequency with no more lamps to be changed and only the lantern's glass to be cleaned.

Legend LED luminaires have also been installed elsewhere in the commune, including Poutyl Park and other locations.

eControl From Thorn's 15 ways to save energy, the following are key to minimising energy consumption at Bethoncourt:



Lamp efficacy

Modern LED light sources in a modern but classical design provide excellent efficacy.



Maintenance schedule

Long life light sources replace old technology increasing the time between maintenance calls and reducing light lost through lamp depreciation. designed for LED provides maximum energy efficiency.



Waste light

Flat glass optics limit the majority of the light to the street scene, with only a limited upward aesthetic effect.





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