

THORN

LIGHTING PEOPLE

Case Study

Corigliano Calabro, Italy



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Product used



Legend

Key facts

- Power: 129W
- Luminaire output: 9 500lm
- Average luminance: 37 lux





StyLED illuminates Corigliano Calabro roundabout

To meet new roundabout regulations, the lighting at the Frassa crossing roundabout in Corigliano Calabro has been updated and improved with Thorn's StyLED road lantern.

This compact roundabout has an outer diameter of 25 meters and a circular central island and is partially passible for heavy goods vehicles. The refurbishment therefore had to take into account the feasibility for large commercial vehicles and road type 'C', as well as highway secondary subtype 'D'.

The new lighting system comprises four columns fitted with StyLED, all 6 meters high and placed along the central ring circumference of the central island. StyLED is a versatile, durable LED lantern for major and minor roads. It benefits from the EQFlux® optical system, which offers 15 pre-set light distributions to suit differing applications.

With StyLED now in place, the maintained average luminance had been improved to a fully compliant 37 lux with good uniformity and glare control. StyLED's light engine and controller are also housed in two separate IP66 rated compartments for optimised thermal management and in turn longer life.

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



Luminaire distribution

Precise patented optics allow the light distribution to be chosen exactly for the scheme and road conditions.



System efficacy

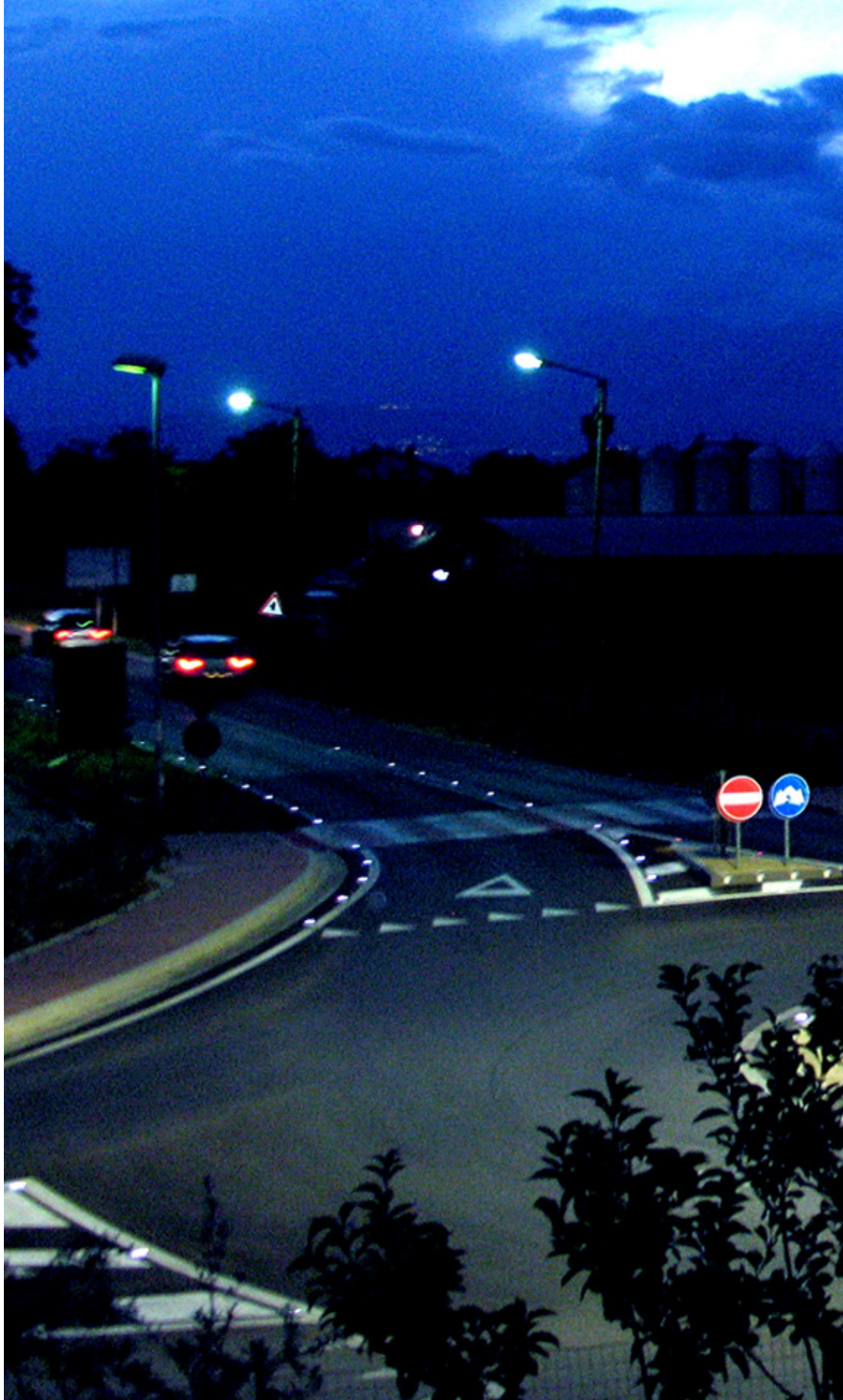
Designed for LED luminaires with precision optics and cooling combine to provide great luminaire efficacy.



Task lighting

Increased emphasis on the roundabout provides excellent task visibility from a reduced number of fittings.





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