

THORN

LIGHTING PEOPLE

Case Study

Bethoncourt, France



The scheme involves the supply of 30 stylish Thorn Dyana LED



Product used



Dyana LED



Plurio LED

Key facts

- Improved colour appearance and rendering suited to public spaces
- Energy-efficient lanterns, with high reliability and limited maintenance
- Patented high performance optic to reduce glare



LEDs for Bethoncourt street lighting

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The new lighting forms part of the modernisation programme to improve travel conditions, mainly for pedestrians and cyclists, and upgrade the main axis of the neighbourhood, making it a more attractive place in which to live, work or visit.

The scheme involves the supply of 30 stylish Thorn Dyana LED* street lanterns – in wattage ratings of 75W and 45W – and 26 Plurio LED 45W decorative lanterns for pedestrian and cycle path lighting.

The improved colour appearance (4200K) and colour rendering is a boon to specifiers who have to take account of the amenity value of street lighting in town centres.

The town also wanted energy-efficient lanterns, with high reliability and limited maintenance.

Besides employing a patented high performance optic to reduce glare, the scheme eliminates light above the horizontal. Overall it demonstrates how the latest lighting equipment uses less energy to enhance task performance and improve both the night-time atmosphere and day-time appearance, thus helping to sustain the social, economic and environmental wellbeing of the community.

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



Luminaire distribution

Precision optics focus light onto the road surface with minimum waste and reduced glare.



System efficacy

Modular LED construction in high quality, sealed luminaires maximise performance.



Task lighting

Luminaire and optic are selected specifically for the application.

*NB: Since the initial release of the Dyana LED lantern, there have been a number of changes and improvements. The latest two versions deliver 2828 and 4242 lumens for 39W and 58W of power respectively. Visit the Electronic Product Catalogue for the latest information.





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