



Case Study

Thurrock Council, UK

THORN

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With Thorn Lighting



Background

CiviTEQ LED road lanterns from Thorn Lighting have been installed as part of an extensive replacement programme to major road networks undertaken by Thurrock Council district, which includes residential estates, distributor roads and major roundabouts. Thurrock Council district were looking to replace the old style SON/SOX luminaires in order to maximise energy savings and reduce maintenance.

Objectives

Thurrock Council's tender evaluation procedure meant Thorn had to meet rigorous key criteria which included improved lighting levels with increased energy efficiency which, in turn would improve whole life costs and the ability to save further energy by dimming in the future, which was crucial. Lantern weight was also taken into consideration as many of the fittings were being used on the existing concrete columns which could be adapted and sleeved to allow fitment of the new lanterns. Other key considerations were delivery times, as Thurrock were working to tight deadlines which had to be adhered to and lastly, the council need to use a well-established, trusted and guaranteed brand.



Solution

The project has seen the installation of over 13,000 of Thorn's CiviTEQ lanterns, which were chosen through the tender evaluation process. CiviTEQ is a well-proportioned LED road lantern with an unobtrusive style ideal for road refurbishment lighting applications. With 12 precise lighting distributions, the lantern is fitted with R-PEC[®] optic to provide safe and efficient illumination. The fitting is compact and lightweight for easy handling and installation with low windage. Available in 2 sizes, the fitting also has a comprehensive range of controls making it suitable for a wide range of applications.

Dave Parish, Thurrock Council's Principal Project Engineer quoted "We are very pleased with the new lighting which has provided all of the roads in the Thurrock area with a good uniform light output making it safer for drivers and pedestrians alike. All lanterns have a 7 pin NEMA socket fitted along with DALI compatible drivers to ensure future compatibility with any new equipment which may become part of Thurrock Council's smart city approach in the future".



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