



Industrial Spaces Lighting

Corrboard UK Limited

Scunthorpe, UK

Corrboard replaced their factory and warehouse High Pressure Sodium (HPS) lighting system with Cree LED luminaires in order to create a more comfortable environment for its workers with enhanced visibility during production and transport operations.

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OPPORTUNITY

In September 2014, Corrboard UK decided to replace their factory and warehouse spaces High Pressure Sodium (HPS) lighting system in order to create a more comfortable environment for its workers with enhanced visibility during production and transport operations.

SOLUTION

Corrboard selected Cree to design a one for one replacement of the existing fixtures, using x460 Cree 304 Series luminaires, each featuring 60 LEDs with a colour temperature of 4000K.

With ease of installation and a designed lifetime in excess of 100,000 hours, the Cree LED luminaires will last much longer than conventional lighting, which based on the current operating time Corrboard will achieve more than 15 years of performance.

This will equate to fewer replacements over time and less money spent on maintaining the lighting system through the life of the installation.

The crisp white light, from Cree's unique NanoOptic™ technology allows the light to be delivered exactly where and when it is required, drastically improving the overall uniformity on site providing a safer working environment.

BENEFITS

The new lighting system from Cree will allow Corrboard to achieve significant energy savings of up to 70% over the original system and will reduce their carbon emissions on site.

In addition to the improved light quality, maintenance cost savings also represent one of the major benefits Corrboard achieved when making the switch to LED lighting.

The low maintenance and long life of Cree LED lighting frees up facility personnel and equipment for use elsewhere, improving efficiency within their own business.

No more disruptions and no more intrusions to replace short-lived fixtures. Moreover, Cree backs the performance of its LED luminaires with an industry-leading 10-year limited warranty.

"The new luminaires deliver a bright white light diffusion,"

"LEDs provided our factory employees with a clear line of sight at their workplace. This positively affected our whole production and transport processes, such as barcodes scanning. Moreover, the new lighting strongly contributed in improving individuals' safety, with brighter light being gladly welcomed by workers."

Andy Forster

Financial Director, Corrboard UK Limited.



"For this important project, Cree 304 Series LED fixtures were installed, delivering significantly improved colour rendering,"

"The new lighting fixtures will allow Corrboard to experience significant energy savings, up to 70 percent, and maintenance savings compared to the previous lighting system."

Darren Marsh

Cree UK / EIRE Sales Manager



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