



Industrial Spaces Lighting

Hermes Europe (GmbH)

Weybridge, Surrey, UK

Hermes Europe is a multinational corporation headquartered in Germany, specialising in production, quality control and management of transport and shipment as well as distribution of consumer goods across Europe.

CREE 

OPPORTUNITY

Activities in the Hermes warehouse were affected by the poor 400W metal halide luminaires installed in the receiving and shipping area, where employees lacked the adequate lighting needed for optimal employee attention, movement and goods transportation.

Moreover, the installed lighting used a significant amount of electricity, creating high lighting bills and unsustainable operating costs.

The customer wanted to cut running costs and lower their overall CO2 emissions on their site and to improve the working conditions for their workers by upgrading to an LED lighting system.

SOLUTION

After considering a wide range of lighting solutions available on the market, in August 2014 Hermes chose Cree CPY 250™ 82W fixtures for its warehouse, allowing for a constant, uniform lighting of indoor spaces and greater efficiency.

The shipping area is equipped with 102 CPY 250™ luminaires, mounted at a spacing of 6x6m grids as designed by Constellation Lighting, an official Cree distributor based in Sheffield, specialising in commercial and industrial applications.

The original lighting system was suspended at 8m, but the clever lighting design allowed the new system to be lowered to 6m for a uniform output while providing even greater energy savings on site.

BENEFITS

Cree's solutions enabled Hermes to drastically reduce operating costs, registering energy savings up to 83%. Reducing energy consumption per light fitting from 500W down to 82W, with a return on investment calculation as less than 1 year.

The new luminaires also allow 95% maintenance savings per year, compared to previous lighting system, with estimated 17,200kg annual CO₂ saving and allow for a safer working environment.

"We wanted to invest in a technology that was going to prove its worth and LED lighting gave us exactly that, although the speed of return of investment surprised even us,"

"This represents just the first step of a wider light replacement plan. We will be installing LEDs across all our facilities, as we want each of them to be a showcase of excellence."

Andrew Tempest
Hermes facility manager



*"Cree's fixtures provided
Hermes' workplaces with a high
quality lighting installation that
improves employees' activities.*

*"In particular allowing them to
discern labels and pick parcels
much more easily thanks to
bright white lights, ultimately
helping workers' productivity
and decreased tiredness".*

Darren Marsh

Cree UK / EIRE Sales Manager



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