



PHILIPS

Indoor - Industry
lighting

MASTERColour
CDM MW eco

Toyota Klaasen

Case study

Simply switch and save

“

I'm very pleased to have a new solution for our recent light installation. The colors of our cars are sparkling and more attractive under the new brighter and uniform light. On top I'm expecting a 10% energy saving with this easy replacement.”

Kim Klaasen, Director Klaasen & CO N.V.



With the upcoming ErP legislation phase 3 due in April 2017, a lot of current quartz metal halide (QMH) lamps will disappear from the market. This ban would leave many (recent) lighting installations equipped with these high intensity discharge lamps unserviceable. An example for this is the recently renovated Toyota showroom in Turnhout, Belgium. More info on the upcoming ErP legislation (EC245/2009) can be found on: www.philips.com/conventional



Initially the open high bay luminaires were equipped with 400W non-Philips quartz metal halide lamps. In addition to the HID lamp, the luminaire consists of an ignitor and ballast designed for high pressure sodium lamps.

This installation has been upgraded with our ErP compliant MASTERColour CDM-EP MW eco 360W/842 products as a pilot project for the product development.

Even though the new MASTERColour CDM MW eco family is specified by default on electromagnetic high pressure mercury systems, these products are also released to operate on the electromagnetic high pressure sodium systems. One single lamp is fully compatible for both systems.

Besides this easy lamp replacement, our customer profits from a 10 percent reduction in energy without a single modification on the gear. With the use of the proven Philips ceramic technology (CDM) colors are crisp and clear (CRI>85) and service life of the lamps is extended by more than 50% compared to quartz metal halide lamps.

More details on the ErP compliant replacement for quartz metal halide lamps are on our product website: www.philips.com/mastercolourcdm



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Fast facts

Customer

Toyota Klaasen

Location

Turnhout, Belgium

Philips Products

MASTERColour CDM-EP MW eco 360W/842

TCO – Annual cost

With CDM MW eco you can reduce on average your annual cost with 9% compared to QMH. Calculate your own savings on www.philips.com/mastercolourcdm



