



**PHILIPS**

Floodlighting

MASTERC<sup>o</sup>lour  
CDM MW eco

Moerkerke

Case study

# Simply switch and save

“

This new product helps to reach my target for **yearly energy reduction with a limited budget** while offering an improved lighting to our athletes.”

Hans Van Gheluwe, Head facility management Damme



**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 sport facility in Moerkerke, Belgium. More info on the upcoming ErP legislation (EC245/2009) can be found on: [www.philips.com/conventional](http://www.philips.com/conventional)**



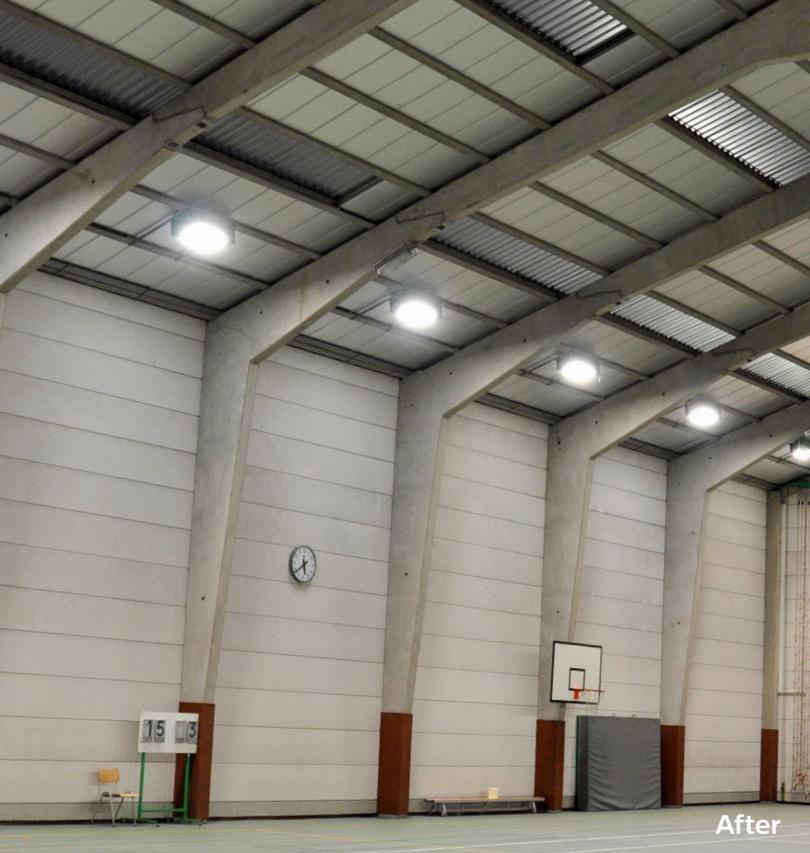
Initially the floodlight luminaires were equipped with a quartz metal halide lamp (HPI-T 250W) and a high pressure sodium lamp (SON-T 400W). This combination has been chosen as a balance between efficiency on one hand and (white) light quality on the other. In addition to the HID lamps, the luminaire consists of a 250W ballast designed for high pressure mercury lamps, a 400W high pressure sodium ballast and the corresponding ignitors. This installation has been upgraded with our ErP compliant MASTERColour CDM-T MW eco 230W & 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.

This project showcases the full compatibility of the CDM MW eco on 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](http://www.philips.com/mastercolourcdm)



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**Fast facts**

**Customer**

Damme City Council

**Location**

Moerkerke, Belgium

**Philips Products**

MASTERColour CDM-T MW eco 230W/842

MASTERColour CDM-T 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](http://www.philips.com/mastercolourcdm)

