



# Outlast, Outshine, Outperform

**Philips MASTERColour CDM Elite MW** - the medium wattage lighting system that gives superior, longer-lasting white light for both indoor and outdoor use.

The Philips MASTERColour CDM Elite MW system offers an unrivalled level of light quality and performance. The lamp's sparkling white light creates a more natural ambience and really brings out the best in all different types of colour. This performance remains stable over the long lifetime of the lamp. In addition, the high efficiency of the lamp and driver together means reduced energy use and a lower cost of ownership.

#### Applications

- Outdoor: floodlighting of buildings and other interesting structures. Illumination of roads and pedestrian areas, public spaces, car parks, petrol stations etc.
- Indoor: larger (high-bay) retail outlets, warehouses, manufacturing facilities etc.



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# PHILIPS

sense and simplicity

## Positioning

The new MASTERColour CDM Elite MW is positioned as a range extension of the existing white light solutions CosmoPolis and MASTERColour CDM Elite. It has the lifetime, efficiency and reliability of the CosmoPolis and the colour quality over life of the MASTERColour CDM Elite. It is therefore a unique system, because it combines all these characteristics in one lighting solution.

## Features

- Crisp, white light with excellent colour rendering (R<sub>a</sub> 90)
- Stable colour performance over entire long lifespan
- New socket design makes lamp extremely compact and improves efficiency as well as light distribution
- Electronic driver for both indoor and outdoor applications
- Complements existing CDM lamps; range now extended from 20W to 315W

## Benefits

- High efficiency of both lamp and electronic driver means lower energy consumption and therefore reduced CO<sub>2</sub> emissions - without compromising on light quality
- Longer lamp lifespan equates to reduced maintenance and lower replacement costs. Xtreme electronic driver, designed specially for outdoor applications, has a very low failure rate and offers high reliability
- Excellent colour quality and consistent light output from beginning to end
- Being 50% smaller than conventional HPI and HPL lamps gives freedom in optic and luminaire design
- Greater harmony in lighting design as CDM lamps can now be used in many new applications
- Sparkling properties of white light create a more natural and inviting ambience

Lamp Range: Philips MASTERColour	Power (W)	Light Output (lm)	Efficacy (lm/W)	Colour Tempe- rature (K)	Colour Rendering Index (R <sub>a</sub> )	Burning Position	Service Lifetime @ 10% failures (h)*	Average lifetime @ 50% failures (h)*	Lumen Mainte- nance @ 12khrs (%)
CDM Elite MW 210W/930	210	24.200	115	3.000	90	Universal	12.000	20.000	80
CDM Elite MW 315W/930	315	37.800	120	3.000	90	Universal	12.000	20.000	80
CDM Elite MW 210W/942	210	23.100	110	4.200	90	Universal	12.000	20.000	80
CDM Elite MW 315W/942	315	36.200	115	4.200	90	Universal	12.000	20.000	80

\* 12,000 and 20,000 hours are design lifetimes. At launch this will be respectively 8,000 and 12,000 hours.

The 930 versions will be available in March 2009, the 942 versions in September 2009.

Driver Range	Dimensions (LWH) in mm	Power Losses (W)	Power Factor (%)	Class	Tc Life (C)	Ta Life (C)	Lifetime @ max. 10% failure rate (at Tc Life) (h)	Harmonic Distortion (%)	Number of Drivers per MCB content
Philips HID PrimaVision 210W	217 x 126 x 59	16,5	>95	II	80	55	50.000	<12	4
Philips HID PrimaVision 315W	217 x 126 x 59	25,5	>95	II	80	55	50.000	<12	4
Philips HID PrimaVision 210W Xtreme*	169 x 97 x 65	16	>95	II	80	55	80.000	<12	11

\* to be released end of 2009



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