



MASTERColour CDM MW Eco



MASTERColour MW eco MASTERColour CDM-E MW eco 230W/842 E40

Ceramic metal halide lamps with clear tubular or coated ellipsoid outer bulb, tailor-made to replace and outperform quartz metal halide lamps on existing gear.

Warnings and Safety

- For use with control gear designed for high-pressure mercury or high-pressure sodium lamps with an external ignitor
- A lamp breaking is extremely unlikely to have an impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- Warm restart time can be up to 15 minutes; T15 ignitors therefore advised.

Product data

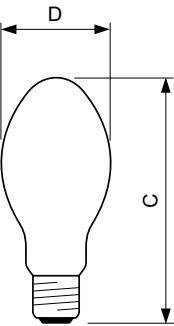
General Information		Colour rendering index (CRI)	
Cap base	E40	89	
Operating position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	228.5 W
Life to 50% failures (nom.)	30,000 h	Voltage (nom.)	117 V
Light Technical		Voltage (nom.)	117 V
Colour Code	842 [CCT of 4200K]	Controls and Dimming	
Luminous Flux	20,500 lm	Dimmable	No
Colour designation	Cool White (CW)	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	0.371	Lamp Finish	Coated glass
Chromaticity Coordinate Y (Nom)	0.366	Bulb material	Hard Glass
Correlated Colour Temperature	4200 K		
Luminous efficacy (rated) (nom.)	90 lm/W		

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Bulb shape	B90 [B 90 mm]
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	32 mg
Mercury (Hg) content (nom.)	32.0 mg
Energy consumption kWh/1,000 hours	229 kWh
EPREL registration number	473318
Product Data	
Order product name	MASTERColour CDM-E MW eco 230W/842 E40

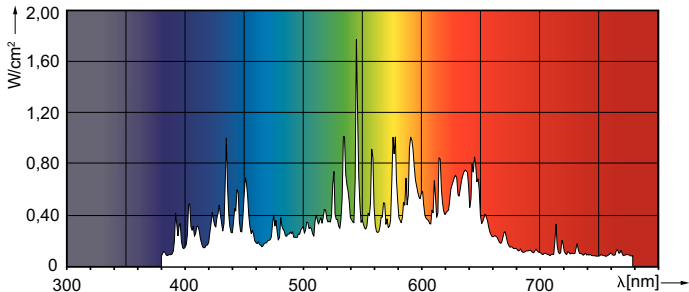
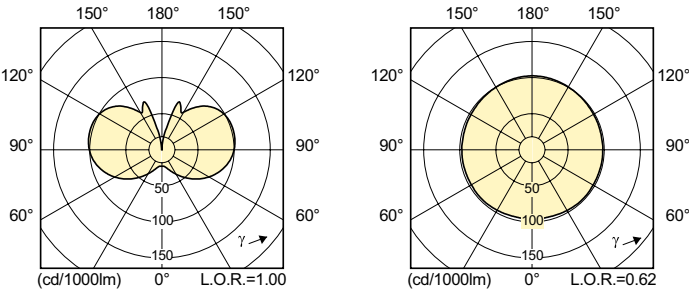
Full product name	MASTERColour MW eco MASTERColour CDM-E MW eco 230W/842 E40
Full EOC	871869659664700
Order code	59664700
Material no. (12 NC)	928070419830
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696596647
Numerator – packs per outer box	12
EAN/UPC – Case	8718696596654

Dimensional drawing



Product	D (max)	C (max)
MASTERColour CDM-E MW eco 230W/842 E40	91 mm	226 mm

Photometric data

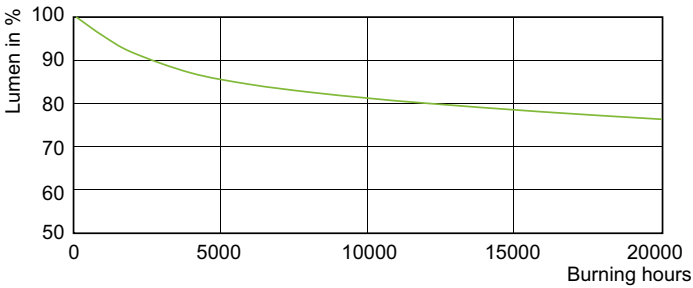


Light Distribution Diagram - MASTERColour CDM-E MW eco 230W/842 E40

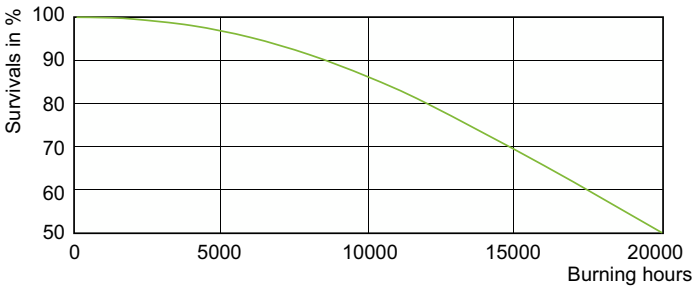
Spectral Power Distribution Colour - MASTERColour CDM-E MW eco 230W/842 E40

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Lifetime



Lumen Maintenance Diagram - MASTERColour CDM-E MW eco 230W/842 E40



Life Expectancy Diagram - MASTERColour CDM-E MW eco 230W/842 E40

