



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 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

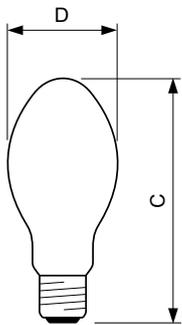
General Information		Color rendering index (CRI)	
Cap-Base	E40		89
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	228.5 W
Life to 50% Failures (Nom)	30,000 hour(s)	Voltage (Nom)	117 V
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Light Technical		Controls and Dimming	
Color Code	842 [CCT of 4200K]	Dimmable	No
Luminous Flux	20,500 lm	Mechanical and Housing	
Color Designation	Cool White (CW)	Bulb Finish	Coated glass
Chromaticity Coordinate X (Nom)	0.371	Bulb Material	Hard Glass
Chromaticity Coordinate Y (Nom)	0.366		
Correlated Color Temperature (Nom)	4200 K		
Luminous Efficacy (rated) (Nom)	90 lm/W		

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Bulb Shape	B90
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	32 mg
Mercury (Hg) Content (Nom)	32.0 mg
Energy Consumption kWh/1000 h	229 kWh
EPREL Registration Number	473318
Product Data	
Order product name	MASTERCcolour CDM-E MW eco 230W/842 E40

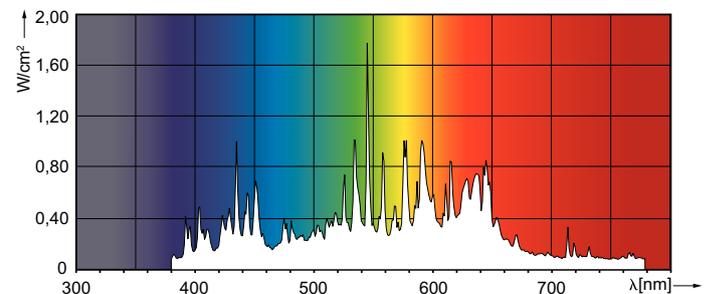
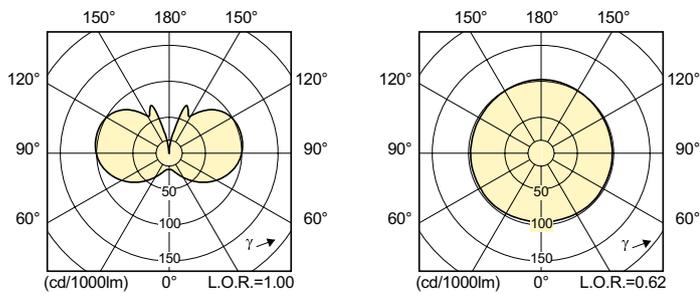
Full product name	MASTERCcolour MW eco MASTERCcolour CDM-E MW eco 230W/842 E40
Full product code	871869659664700
Order code	59664700
Material Nr. (12NC)	928070419830
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696596647
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696596654

Dimensional drawing



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

Photometric data

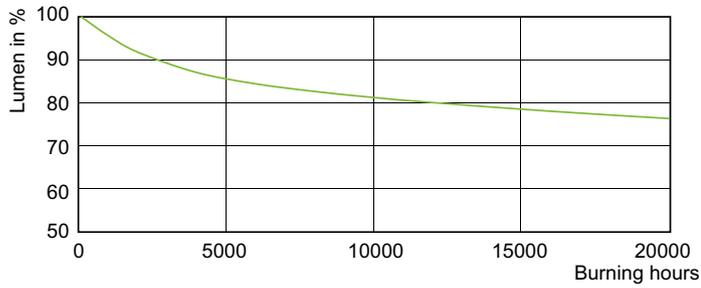


Light Distribution Diagram - MASTERCcolour CDM-E MW eco 230W/842 E40

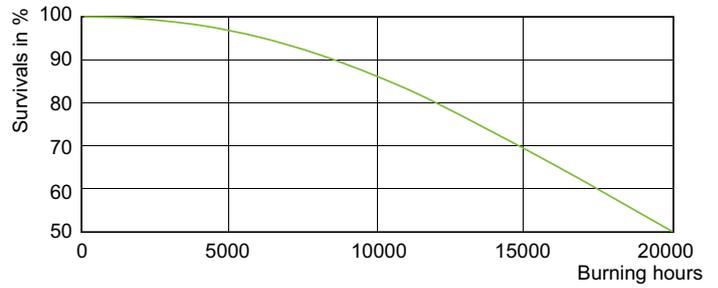
Spectral Power Distribution Colour - MASTERCcolour CDM-E MW eco 230W/842 E40

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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

