



# MASTERColour CDM 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

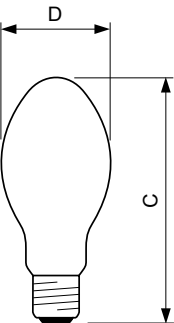
General Information		Operating and Electrical	
Cap-Base	E40 [E40]	Power Consumption	228.5 W
Operating Position	UNIVERSAL [Any or Universal (U)]	Voltage (Nom)	117 V
Flux measurement reference	Sphere	Voltage (Nom)	117 V
Life to 50% Failures (Nom)	30,000 hour(s)		
Light Technical		Controls and Dimming	
Color Code	842 [CCT of 4200K]	Dimmable	No
Luminous Flux	20,500 lumen		
Color Designation	Cool White (CW)	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	0.371	Bulb Finish	Coated glass
Chromaticity Coordinate Y (Nom)	0.366	Bulb Material	Hard Glass
Correlated Color Temperature (Nom)	4200 K	Bulb Shape	B90 [B 90mm]
Luminous Efficacy (rated) (Nom)	90 lm/W		
Color rendering index (CRI)	89	Approval and Application	
		Energy Efficiency Class	G
		Mercury (Hg) Content (Max)	32 mg

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Mercury (Hg) Content (Nom)	32.0 mg
Energy Consumption kWh/1000 h	229 kWh
EPREL Registration Number	473318
Product Data	
Full product code	871869659664700
Order product name	MASTERColour CDM-E MW eco 230W/842 E40
Order code	928070419830

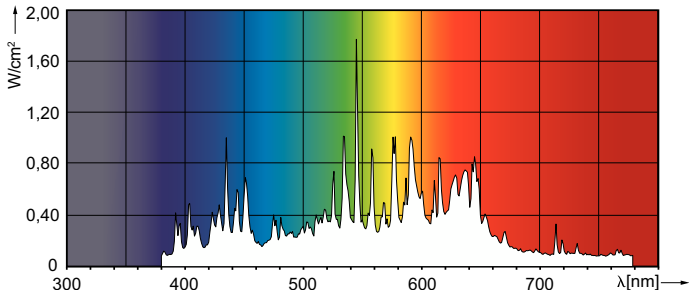
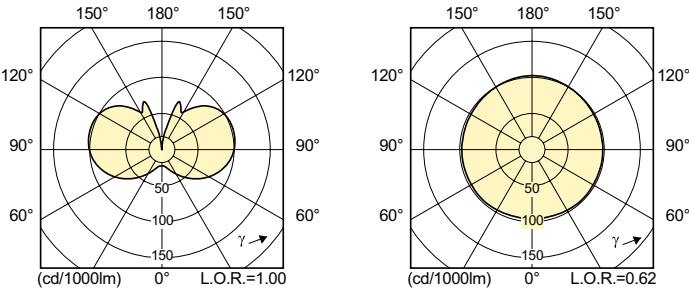
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928070419830
Full product name	MASTERColour CDM-E MW eco 230W/842 E40
EAN/UPC - Case	8718696596654
EAN/UPC - Product/Case	8718696596647

Dimensional drawing



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

Photometric data

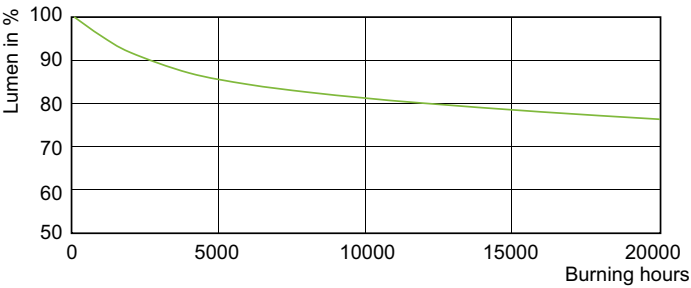


Light Distribution Diagram - MASTERColour CDM-E MW eco 230W/842 E40

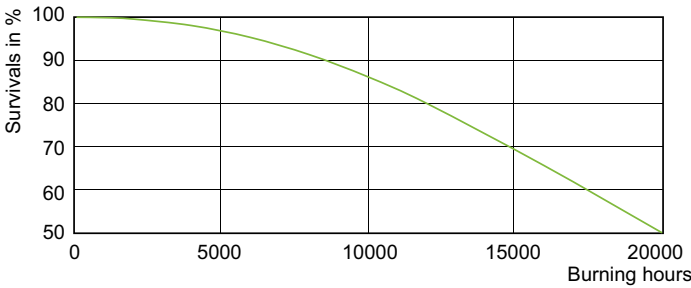
Spectral Power Distribution Colour - MASTERColour CDM-E MW eco 230W/842 E40

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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

