



# 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 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	
Cap base	E40
Operating position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	30,000 h

Light Technical	
Colour Code	842 [CCT of 4200K]
Luminous Flux	20,500 lm
Colour designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Correlated Colour Temperature (Nom)	4200 K
Luminous efficacy (rated) (nom.)	90 lm/W
Colour rendering index (CRI)	89

Operating and Electrical	
Power Consumption	228.5 W
Voltage (nom.)	117 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Lamp Finish	Coated glass
Bulb material	Hard Glass
Bulb shape	B90
Net Weight (Piece)	158.000 g

Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	32 mg

# MASTERCoulour CDM MW Eco

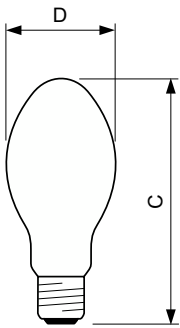
Mercury (Hg) content (nom.)	32.0 mg
Energy consumption kWh/1,000 hours	229 kWh
EPREL Registration Number	473318
CE mark	Yes

## Product Data

Order product name	MASTERCoulour CDM-E MW eco 230W/842 E40
Full product name	MASTERCoulour CDM-E MW eco 230W/842 E40
Full EOC	871869659664700

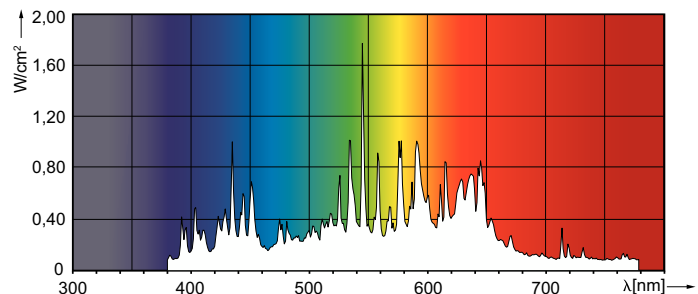
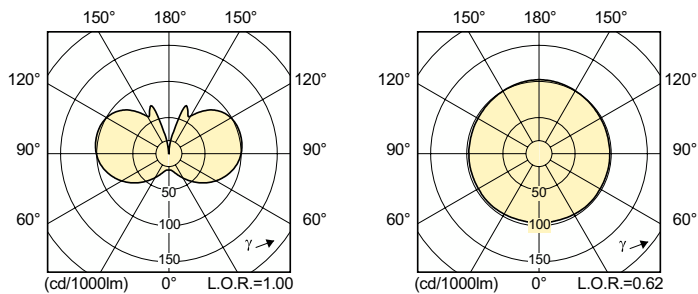
Order code	928070419830
Material no. (12 NC)	928070419830
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696596647
Numerator – packs per outer box	12
EAN/UPC - Case	8718696596654

## Dimensional drawing



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

## Photometric data

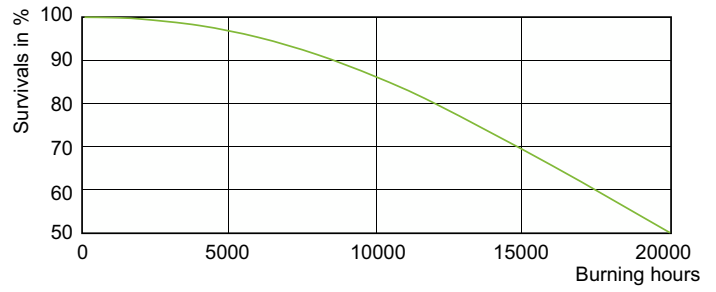
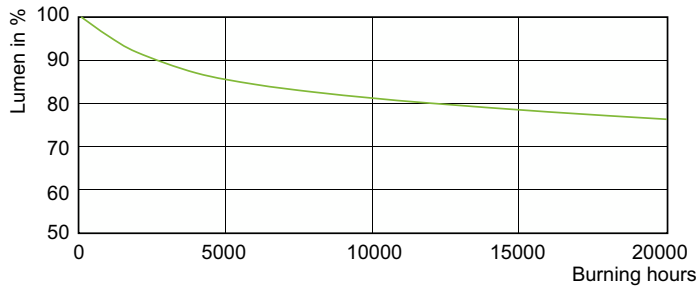


Light Distribution Diagram - MASTERCoulour CDM-E MW eco 230W/842 E40

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

# MASTERColour CDM MW Eco

## Lifetime



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

MASTERColour CDM MW eco /842

