



MASTERColour CDM MW Eco

MASTERColour MW eco MASTERColour CDM-E MW eco 360W/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.

Product data

General Information	
Cap-Base	E40/45 [E40/45]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	12000 h
Life To 10% Failures (Nom)	16000 h
Life to 20% Failures (Nom)	20000 h
Life to 50% Failures (Nom)	30000 h
System Description	Universal
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	98 %
LSF 12000 h Rated	95 %
LSF 16000 h Rated	90 %
LSF 20000 h Rated	80 %
LSF 24000 h Rated	70 %
LSF 28000 h Rated	56 %
LSF 30000 h Rated	50 %
Light Technical	
Colour Code	842 [CCT of 4200K]

Luminous Flux (Rated) (Nom)	32400 lm
Colour Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	375
Chromaticity Coordinate Y (Nom)	376
Colour Temperature, horizontal (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Colour Rendering Index horiz (Nom)	88
Depreciation 2000 hrs	92 %
LLMF 4000 h Rated	87 %
Depreciation 5000 hrs	84 %
LLMF 8000 h Rated	82 %
LLMF 12000 h Rated	80 %
LLMF 16000 h Rated	77 %
LLMF 20000 h Rated	75 %
Ratio Scotopic/Photopic Lumens	1.74
Operating and Electrical	
Power (Rated) (Nom)	360.0 W
Lamp Current Run-Up (Max)	3.6 A
Lamp Current (EM) (Nom)	3.52 A
Ignition Supply Voltage (Max)	198 V

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Ignition Peak Voltage (Max)	5000 V
Ignition Peak Voltage (Min)	750 V
Re-Ignition Time (Min) (Max)	900 s
Ignition Time (Max)	30 s
Voltage (Max)	127 V
Voltage (Min)	109 V
Voltage (Nom)	118 V

Controls and Dimming

Dimmable	No
Run-up Time 90% (Max)	3 min

Mechanical and Housing

Bulb Finish	Coated glass
Bulb Material	Hard Glass

Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	48.0 mg
Energy Consumption kWh/1000 h	396 kWh

UV

Pet (Niosh) (Nom)	8 h/500lx
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Luminaire Design Requirements

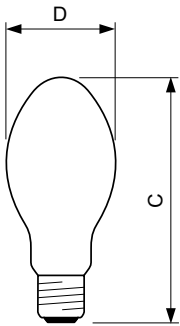
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	250 °C

Product Data

Full product code	871869659568800
Order product name	MASTERCcolour MW eco MASTERCcolour CDM-E MW eco 360W/842 E40
EAN/UPC - Product	8718696595688
Order code	59568800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928070219830
Net Weight (Piece)	158.000 g

Warnings and Safety

Dimensional drawing

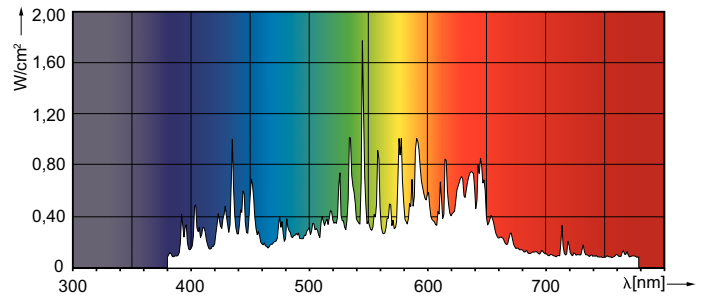
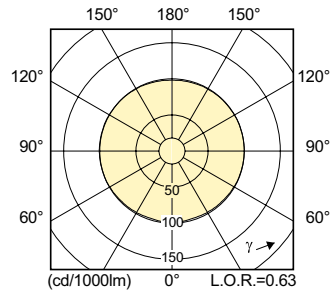
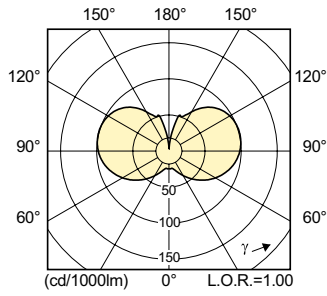


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Product	D (max)	C (max)
MASTERCcolour MW eco MASTERCcolour CDM-E MW eco 360W/842 E40	91 mm	226 mm

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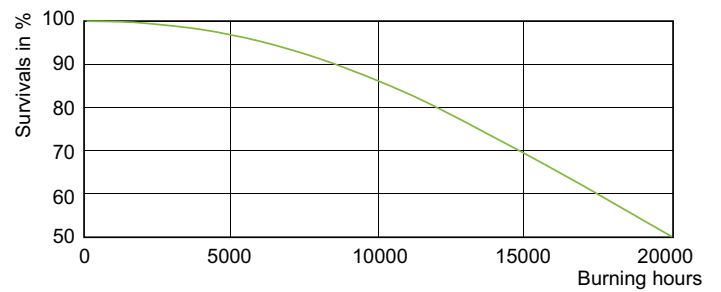
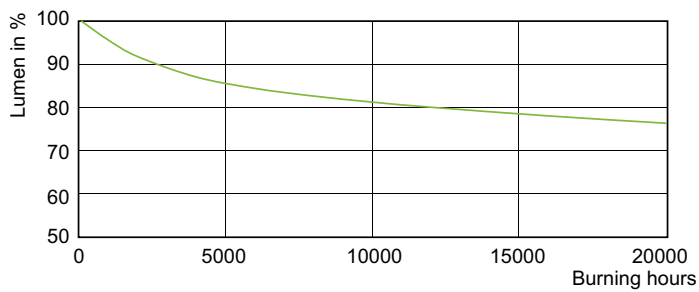
Photometric data



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Lifetime



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