



Upgrade to better white light

MasterColor CDM ED28 Elite

Philips MasterColor Ceramic Metal Halide Pulse Start ED28 Lamps are a better value than quartz metal halide, with longer life, higher lumen maintenance, and energy efficiency.

Benefits

- Easy upgrade to better white light just by changing your bulb
- Improved lifetime maintenance increases time between re-lamping
- Improved lumen maintenance increases time between re-lamping
- Reduced spend on energy

Features

- Better quality white light in a familiar ED28 bulb shape with a mogul base
- Better rated average life of up to 20,000 hours
- 4000K color temperature
- Better lumen maintenance than quartz metal halide
- Better energy efficiency

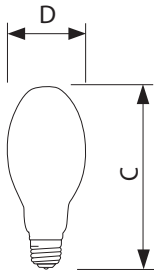
PHILIPS

Related products



E39, ED-28, Clear

Dimensional drawing



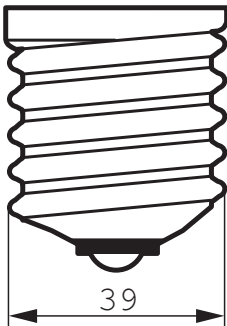
MasterColor 100W HR ED28 U ELITE

Product	C (Max)	D (Norm)
MI-HC HR 100W/940 E39 ED28 U ELITE	8.313	3.5

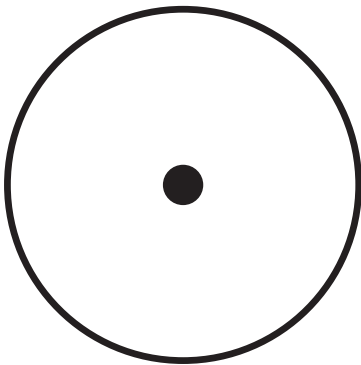
General Characteristics

Order code	Full product name	System Description	Base	Bulb	Bulb Material	Bulb Finish	Operating Position	Main Application	RatedAvgLife(See Family Notes)
928601178501	MasterColor 100W HR ED28 U ELITE	Hot Restrike	Mogul	ED28	Hard Glass	Clear	Universal	General Lighting	20000 hr

Installation diagrams



E39



any

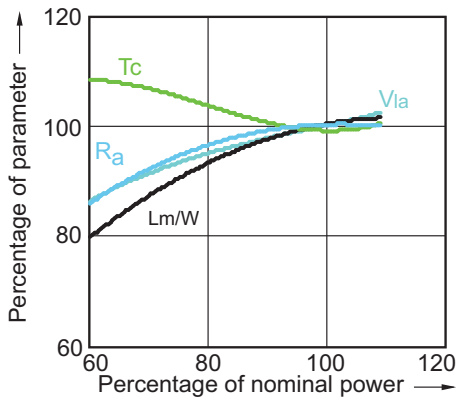
Light Technical Characteristics

Order code	Full product name	Color Code	Color Rendering Index	Color Designation	Color Temperature	Initial Lumens	Luminous Efficacy Lamp EM	Design Mean Lumens	Chromaticity Coordinate X	Chromaticity Coordinate Y
928601178501	MasterColor 100W HR ED28 U ELITE	940	90 Ra8	Natural	4080 K	10000 Lm	100 Lm/W	8000 Lm	0.376 -	0.372 -

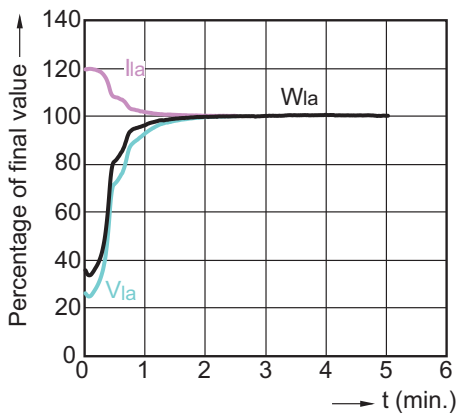
Electrical Characteristics

Order code	Full product name	Energy Used	Lamp Voltage	Lamp Current	Re-ignition Time [sec]
928601178501	MasterColor 100W HR ED28 U ELITE	100 W	102 V	1.1 A	1 (max) s

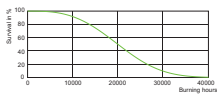
Performance diagrams



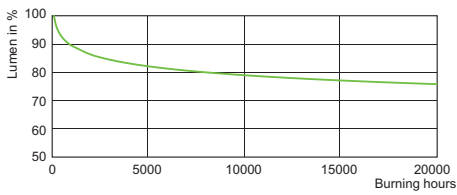
MHC HR 100W /940 E39 ED-28 U ELITE



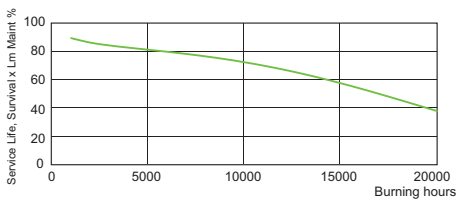
MHC HR 100W /940 E39 ED-28 U ELITE



MHC HR 100W /940
E39 ED-28 U ELITE



MHC HR 100W /940 E39 ED-28 U ELITE



MHC HR 100W /940 E39 ED-28 U ELITE

Environmental Characteristics

Order code	Full product name	Mercury (Hg) Content	Picogram per Lumen Hour
928601178501	MasterColor 100W HR ED28 U ELITE	9.9 (max) mg	61 p/LuHr

Luminaire Design Requirements

Order code	Full product name	Cap-Base Temperature	Bulb Temperature
928601178501	MasterColor 100W HR ED28 U ELITE	190 (max) C	400 (max) C



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www.philips.com/lighting

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data subject to change