



MasterColor CDM ED28 Elite

MasterColor 100W HR ED28 U 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.

PHILIPS

Product data

• General Characteristics

System Description	Hot Restrike
Base	Mogul [Mogul]
Base Information	Brass [Brass Base]
Bulb	ED28
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr

• Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	90 Ra8
Color Designation	Natural
Color Temperature	4080 K
Color Temperature technical	3880 (min), 4080 (nom), 4280 (max) K
Initial Lumens	10000 Lm
Luminous Efficacy	100 Lm/W
Lamp EM	
Design Mean Lumens	8000 Lm
Chromaticity Coordinate X	0.379 -
Chromaticity Coordinate Y	0.375 -

• Electrical Characteristics

Watts	100 W
Lamp Voltage	102 V
Lamp Current	1.1 A
Ignition Time	10 (max) s
Re-ignition Time [sec]	1 (max) s

• Environmental Characteristics

Mercury (Hg) Content	9.9 (max) mg
Picogram per Lumen Hour	61 p/LuHr

• Luminaire Design Requirements

Cap-Base Temperature	190 (max) C
Bulb Temperature	400 (max) C

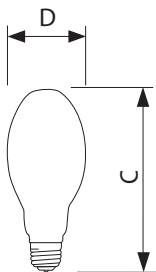
• Product Dimensions

Light Center Length L	5 in
Max Overall Length (MOL) - C	8.313 (max) in
Diameter D	3.5 in

• Product Data

Product number	430702
Full product name	MasterColor 100W HR ED28 U ELITE
Short product name	MHC100/U/HR/4K ED28 - Elite
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677430702
Bar code on case	50046677430707
Logistics code(s)	928601178501
eop_net_weight_pp	0.001 kg

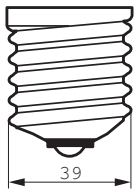
Dimensional drawing



MasterColor 100W HR ED28 U ELITE

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

Dimensional drawing



E39



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www.philips.com/lighting

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data subject to change