



MasterColor® CDM ED28 Standard

MasterColor CDM 100W/940 Mog ED28 CL

A hot restrike high efficiency long life ceramic metal halide lamp with a stable color over lifetime and a crisp sparkling light.

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)	10000 hr

• Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	92 Ra8
Color Designation	Natural
Color Temperature	4100 K
Color Temperature technical	4000 (min), 4200 (nom), 4400 (max) K
Chromaticity Coordinate X	375 -
Chromaticity Coordinate Y	372 -
Initial Lumens	9000 Lm
Luminous Efficacy	90 Lm/W
Lamp EM	
Lumen Maintenance EM 2000h	87 %
Lumen Maintenance EM 5000h	77 %
Design Mean Lumens	6800 Lm

• Electrical Characteristics

Watts	100 W
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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	6.1 (max) mg
Picogram per Lumen Hour	44.6 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	365437
Full product name	MasterColor CDM 100W/940 Mog ED28 CL
Short product name	CDM 100W/940 Mog ED28 CL
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677333812

PHILIPS

sense and simplicity

Bar code on case 50046677333817
Logistics code(s) 928601132901

eop_net_weight_pp 0.204 kg

Warnings and Safety

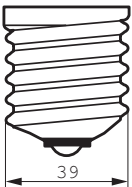
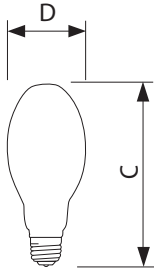
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing

E39, ED-28

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



E39



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data subject to change