



MasterColor® CDM ED37 Protected

MasterColor CDM 400W/840 PS ED37 CO V ALTO

Philips MasterColor Protected Pulse Start Ceramic Metal Halide lamps offer a range of protected high-efficiency long life medium wattage lamps with a stable lumen maintenance over lifetime and provides crisp, sparkling light.

Product data

• Product Data

Product number	132936
Full product name	MasterColor CDM 400W/840 PS ED37 CO V ALTO
Short product name	CDM 400W/840 PS ED37 CO V ALTO
Pieces per Sku	1
Skus/Case	6
Bar code on pack	046677132934
Bar code on case	50046677132939
Logistics code(s)	928601104501

• General Characteristics

System Description	Pulse Start
Base	Exclusionary Mogul Screw [Exclusionary Mogul Screw]
Base Information	Nic/Brass [Nickel/Brass Base]
Bulb	ED37
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	vbu/vbd15 [Vertical or Base Up/Base Down +/-15D]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	15000 hr

• Electrical Characteristics

Watts	400 W
Lamp Voltage	150 V
Lamp Current	3.15 A
Ignition Time	120 s
Re-ignition Time [min]	15 min

• Environmental Characteristics

Mercury (Hg) Content	12 mg
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• Light Technical Characteristics

Color Code	840 [CCT of 4000K]
Color Rendering Index	85 (min), 88 (nom) Ra8
Color Designation	Cool White
Color Temperature	4200 K
Color Temperature technical	4200 K
Chromaticity Coordinate X	373 -
Chromaticity Coordinate Y	374 -
Initial Lumens	34000 Lm
Luminous Efficacy Lamp	85 Lm/W
Lumen Maintenance 2000h	88 %
Lumen Maintenance 5000h	84 %
Design Mean Lumens	28900 Lm
Lumen Maintenance - 40% life	80 %

• UV-related Characteristics

PET (NIOSH)	50 h.klx
Damage Factor D/fc	.62 -

• Product Dimensions

Light Center Length L	7 in
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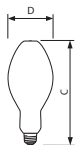
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sense and simplicity

Max Overall Length (MOL) - C 11.5 in
Diameter D 4.625 in

• Luminaire Design Requirements

Cap-Base Temperature 210 C
Bulb Temperature 400 C

Dimensional drawing



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data subject to change