



# Energy Advantage CDM Lamps with Allstart Technology

## CDM330/U/O/4K ED28

Philips Energy Advantage CDM lamps with AllStart Technology is a high-efficiency protected “O” rated CDM lighting solution that provides energy savings without compromising light quality.

### Product data

General Information			
Base	EX39 [ Exclusionary Mogul Screw]	Chromaticity Coordinate Y (Max)	0.404
Operating Position	Universal [ Universal]	Chromaticity Coordinate Y (Min)	0.364
Life to 50% Failures (Nom)	20000 h	Chromaticity Coordinate Y (Nom)	0.384
ANSI Code HID	C185/O	Luminous Efficacy (Rated) (Min)	91 lm/W
Features	Energy Advantage AllStart	Luminous Efficacy (rated) (Nom)	97 lm/W
		Color Rendering Index (Min)	-
		Color Rendering Index (Nom)	87
Light Technical		Operating and Electrical	
Color Code	940 [ CCT of 4000K]	Lamp Current (Nom)	3.02 A
Luminous Flux (Rated) (Min)	30000 lm	Ignition Supply Voltage (Min)	280 V
Luminous Flux (Rated) (Nom)	32000 lm	Re-Ignition Time (Min) (Nom)	20 min
Color Designation	4000 Kelvin	Ignition Time (Max)	120 s
Lumen Maintenance - 40% Life	80 %	Voltage (Max)	140 V
Lumen Maintenance - 10% Life	90 %	Voltage (Min)	120 V
Saturated Red (R9)	50	Voltage (Nom)	130 V
Design Mean Lumens	25600 lm	Mechanical and Housing	
Chromaticity Coordinate X (Max)	0.397	Bulb Finish	Clear
Chromaticity Coordinate X (Min)	0.365		
Chromaticity Coordinate X (Nom)	0.381		

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Overall Length (Max)	8.313 in
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### Approval and Application

Picogram Per Lumen Hour	96.7 pg/lm.h
Mercury (Hg) Content (Max)	50 mg

### UV

Pet (Niosh) (Nom)	216 h/500lx
Damage Factor D/fc (Nom)	0.3

### Luminaire Design Requirements

Bulb Temperature (Max)	240 °C
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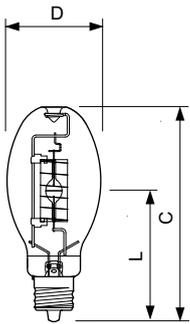
Cap-Base Temperature (Nom)	132 °C
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### Product Data

Order product name	CDM330/U/O/4K/ED28 EA ALLSTART
EAN/UPC - Product	046677411053
Order code	411058
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601168202
Net Weight (Piece)	0.001 kg

## Warnings and Safety

### Dimensional drawing



CDMAllstar 330W/940 ED28 U EA AllStart

Product	D	D	L (max)	L	C
CDM330/U/O/4K/ED28 EA ALLSTART	3.5 in	89 mm	132 mm	127 mm	8.313 in

