

**PHILIPS**

Lighting



# Energy Advantage CDM Lamps with Allstart Technology

## CDM205/U/O/4K EA 130V 12/1

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

Cap-Base	EX39 [ Exclusionary Mogul Screw]
Operating Position	Universal [ Universal]
Life to 50% Failures (Nom)	20000 h
ANSI Code HID	C184/O
Features	Energy Advantage AllStart

#### Light Technical

Color Code	841 [ CCT of 4100K]
Luminous Flux (Rated) (Min)	18000 lm
Luminous Flux (Rated) (Nom)	19500 lm
Color Designation	4100 Kelvin
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	94 %
Saturated Red (R9)	40
Design Mean Lumens	15600 lm
Chromaticity Coordinate X (Max)	0.397
Chromaticity Coordinate X (Min)	0.365
Chromaticity Coordinate X (Nom)	0.381

Chromaticity Coordinate Y (Max)	0.404
Chromaticity Coordinate Y (Min)	0.364
Chromaticity Coordinate Y (Nom)	0.384
Luminous Efficacy (Rated) (Min)	88 lm/W
Luminous Efficacy (rated) (Nom)	95 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	84

#### Operating and Electrical

Lamp Current (Nom)	1.9 A
Ignition Supply Voltage (Min)	350 V
Re-Ignition Time (Min) (Nom)	18.3 min
Ignition Time (Max)	120 s
Voltage (Max)	138 V
Voltage (Min)	118 V
Voltage (Nom)	128 V

#### Mechanical and Housing

Bulb Finish	Clear
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## Energy Advantage CDM Lamps with Allstart Technology

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

Picogram Per Lumen Hour	121.8 pg/lm.h
Mercury (Hg) Content (Max)	38 mg

### UV

Pet (Niosh) (Nom)	157.5 h/500lx
Damage Factor D/fc (Nom)	0.42

### Luminaire Design Requirements

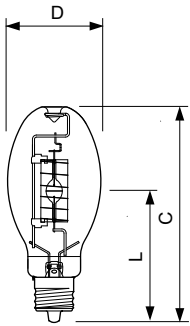
Bulb Temperature (Max)	175 °C
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Cap-Base Temperature (Nom)	130 °C
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### Product Data

Order product name	CDM205/U/O/4K/EA/ED28
EAN/UPC - Product	046677232566
Order code	232561
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601166003
Net Weight (Piece)	0.001 kg

## Dimensional drawing



CDMAllstar 205W/841 ED28 U EA AllStart

Product	D	D	L (min)	L (max)	L	C
CDM205/U/O/4K/EA/ED28	3.5 in	89 mm	125 mm	129 mm	127 mm	8.313 in

