



# Energy Advantage CDM Lamps with Allstart Technology

## CDM330/C/U/O/4K EA 130V 6/1

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.

### 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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

General Information		Color Designation	
Base	EX39 [ Exclusionary Mogul Screw]	Lumen Maintenance - 40% Life	4000 Kelvin
Operating Position	Universal [ Universal]	Lumen Maintenance - 10% Life	80 %
Life to 50% Failures (Nom)	24000 h	Saturated Red (R9)	90 %
ANSI Code HID	C185/O	Design Mean Lumens	75
Features	Energy Advantage AllStart	Chromaticity Coordinate X (Max)	23250 lm
Light Technical		Chromaticity Coordinate X (Min)	0.402
Color Code	940 [ CCT of 4000K]	Chromaticity Coordinate X (Nom)	0.370
Luminous Flux (Rated) (Min)	28000 lm	Chromaticity Coordinate X (Max)	0.386
Luminous Flux (Rated) (Nom)	31000 lm	Chromaticity Coordinate Y (Max)	0.404
		Chromaticity Coordinate Y (Min)	0.364
		Chromaticity Coordinate Y (Nom)	0.390

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Correlated Color Temperature (Nom)	3950 K
Luminous Efficacy (Rated) (Min)	85 lm/W
Luminous Efficacy (rated) (Nom)	94 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	86

### Operating and Electrical

Lamp Current (Nom)	3.02 A
Ignition Supply Voltage (Min)	280 V
Re-Ignition Time (Min) (Nom)	15 min
Ignition Time (Max)	120 s
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

### Mechanical and Housing

Bulb Finish	Coated glass
Overall Length (Max)	11.5 in

### Approval and Application

Picogram Per Lumen Hour	90 pg/lm.h
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Mercury (Hg) Content (Max)	50 mg
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### UV

Pet (Niosh) (Nom)	42.88 h/500lx
Damage Factor D/fc (Nom)	0.32

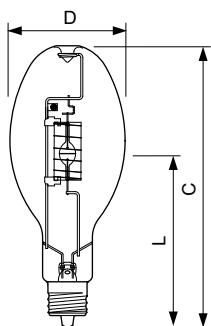
### Luminaire Design Requirements

Bulb Temperature (Max)	163 °C
Cap-Base Temperature (Nom)	130 °C

### Product Data

Order product name	330W ED37 CO Allstart 1SL
EAN/UPC - Product	046677236939
Order code	236935
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601166803
Net Weight (Piece)	0.001 kg

## Dimensional drawing



CDMAllstar 330W/940 ED37 U EA AllStart

Product	D (max)	D	L (max)	L	C
330W ED37 CO Allstart 1SL	118 mm	4.625 in	184 mm	178 mm	11.5 in

