



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.

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)

Product data

General information		Lumen Maintenance - 40% Life	
Cap-Base	EX39 [Exclusionary Mogul Screw]	Lumen Maintenance - 10% Life	80 %
Operating Position	Universal [Universal]	Saturated Red (R9)	94 %
Life to 50% Failures (Nom)	20000 h	Design Mean Lumens	40
ANSI Code HID	C184/O	Chromaticity Coordinate X (Max)	15600 lm
Features	Energy Advantage AllStart	Chromaticity Coordinate X (Min)	0.397
		Chromaticity Coordinate X (Nom)	0.365
		Chromaticity Coordinate X (Max)	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

Energy Advantage CDM Lamps with Allstart Technology

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
Overall Length (Max)	8.313 in
Bulb Shape	ED28 [ED28]

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

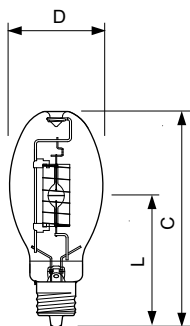
Luminaire design requirements

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

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



CDM205/U/O/4K/EA/ED28

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

