



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.

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 or 1-800-555-0050

Product data

General Information		Color Designation	
Base	EX39 [Exclusionary Mogul Screw]	Color Designation	4000 Kelvin
Operating Position	Universal [Universal]	Lumen Maintenance - 40% Life	80 %
Life to 50% Failures (Nom)	20000 h	Lumen Maintenance - 10% Life	90 %
ANSI Code HID	C185/O	Saturated Red (R9)	50
Features	Energy Advantage AllStart	Design Mean Lumens	25600 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
Light Technical			
Color Code	940 [CCT of 4000K]		
Luminous Flux (Rated) (Min)	30000 lm		
Luminous Flux (Rated) (Nom)	32000 lm		

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Luminous Efficacy (Rated) (Min)	91 lm/W
Luminous Efficacy (rated) (Nom)	97 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	87

Operating and Electrical

Lamp Current (Nom)	3.02 A
Ignition Supply Voltage (Min)	280 V
Re-Ignition Time (Min) (Nom)	20 min
Ignition Time (Max)	120 s
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

Mechanical and Housing

Bulb Finish	Clear
Overall Length (Max)	8.313 in

Approval and Application

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

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

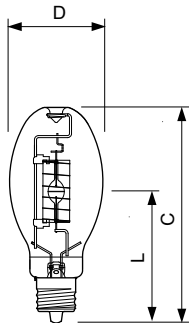
Luminaire Design Requirements

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

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

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

