



# Energy Advantage CDM Lamps with Allstart Technology

## CDM145/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)

### Product data

General Information	
Cap-Base	EX39 [Exclusionary Mogul Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]
Features	Energy Advantage AllStart
Life to 50% Failures (Nom)	20,000 hour(s)

Light Technical	
Color Code	940 [CCT of 4000K]
Color Designation	4000 Kelvin
Saturated Red (R9)	40
Chromaticity Coordinate X (Nom)	0.374
Chromaticity Coordinate Y (Nom)	0.380

Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (Rated) (Min)	85 lm/W
Luminous Efficacy (rated) (Nom)	95 lm/W
Color rendering index (CRI)	87

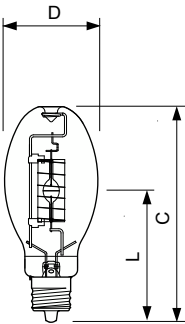
Operating and Electrical	
Power Consumption	145.5 W
Lamp Current (Nom)	1.45 A
Voltage (Nom)	125 V
Voltage (Nom)	125 V

Energy Advantage CDM Lamps with Allstart Technology

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	ED28
Approval and Application	
Mercury (Hg) Content (Max)	37 mg
Product Data	
Order product name	CDM145/U/O/4K/ED28 EA ALLSTART

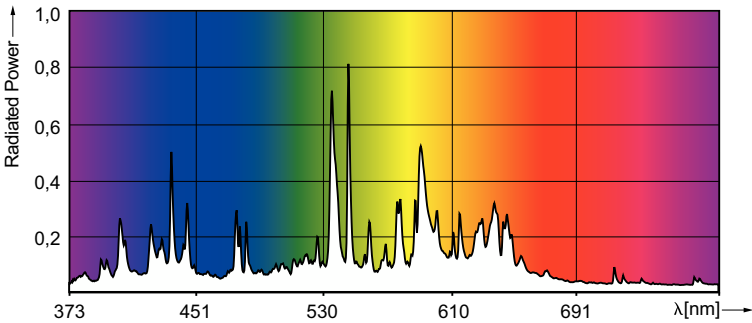
Full product name	CDM145/U/O/4K ED28
Order code	411074
Material Nr. (12NC)	928601168302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677411077
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677411072

Dimensional drawing



Product	D	D	L (min)	L (max)	L	C
CDM145/U/O/4K/ED28 EA ALLSTART	3.5 inch	88.9 mm	125 mm	129 mm	127 mm	8.313 inch

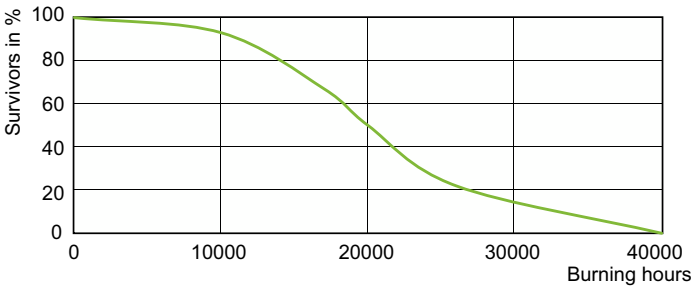
Photometric data



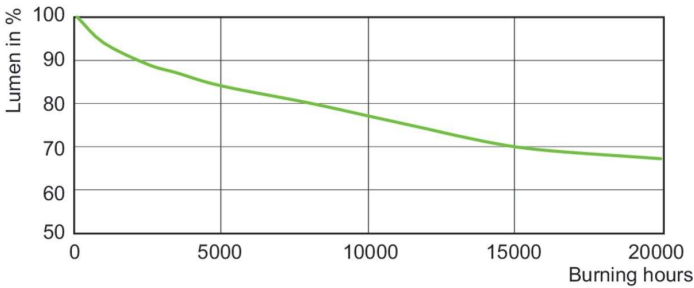
Spectral Power Distribution Colour - CDM145/U/O/4K/ED28 EA ALLSTART

Energy Advantage CDM Lamps with Allstart Technology

Lifetime



Life Expectancy Diagram - CDM145/U/O/4K/ED28 EA ALLSTART



Lumen Maintenance Diagram - CDM145/U/O/4K/ED28 EA ALLSTART

