PHILIPS Lighting



Energy Advantage CDM Lamps with Allstart Technology

CDM145/C/U/O/4K/ED28 EA Allstart

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

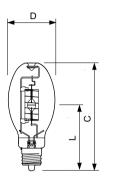
General Information		Correlated Color Temperature (Nom)	3900 K	
Cap-Base	EX39 [Exclusionary Mogul Screw]	Luminous Efficacy (Rated) (Min)	80 lm/W	
Operating Position	UNIVERSAL [Any or Universal (U)]	Luminous Efficacy (rated) (Nom)	87 lm/W	
Features	Energy Advantage AllStart	Color rendering index (CRI)	87	
Life to 50% Failures (Nom)	20,000 hour(s)			
		Operating and Electrical		
Light Technical		Lamp Current (Nom)	1.45 A	
Color Code	940 [CCT of 4000K]	Voltage (Nom)	125 V	
Color Designation	4000 Kelvin	Voltage (Nom)	125 V	
Saturated Red (R9)	40			
Chromaticity Coordinate X (Nom)	.385	Mechanical and Housing		
Chromaticity Coordinate Y (Nom)	.379	Bulb Finish	Coated glass	

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Bulb Shape	ED28
Approval and Application	
Mercury (Hg) Content (Max)	37 mg
Product Data	
Order product name	CDM145/C/U/O/4K/ED28 EA Allstart
Full product name	CDM145/C/U/O/4K/ED28 EA Allstart

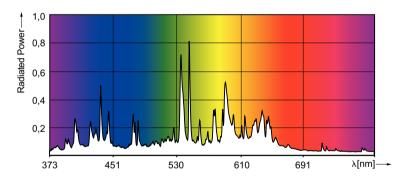
Order code	413195		
Material Nr. (12NC)	928601168602		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677413194		
Numerator - Packs per outer box	12		
EAN/UPC - Case	50046677413199		

Dimensional drawing



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

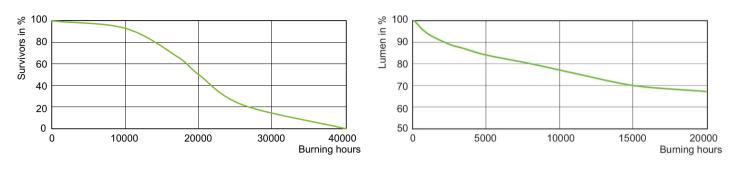
Photometric data



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

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Lifetime



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

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



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www.lighting.philips.com 2023, April 29 - data subject to change