



Energy Advantage CDM Lamps with Allstart Technology

CDM330/U/O/4K EA 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.

Product data

General Information			
Cap-Base	EX39 [Exclusionary Mogul Screw]	Chromaticity Coordinate X (Nom)	0.381
Operating Position	Universal [Universal]	Chromaticity Coordinate Y (Max)	0.404
Life To 50% Failures (Nom)	24000 h	Chromaticity Coordinate Y (Min)	0.364
ANSI Code HID	C185/O	Chromaticity Coordinate Y (Nom)	0.384
Features	Energy Advantage AllStart	Correlated Color Temperature (Nom)	4050 K
		Luminous Efficacy (rated) (Min)	91 lm/W
		Luminous Efficacy (rated) (Nom)	100 lm/W
		Color Rendering Index (Min)	-
		Color Rendering Index (Nom)	86
Light Technical			
Color Code	940 [CCT of 4000K]		
Luminous Flux (Rated) (Min)	30000 lm		
Luminous Flux (Rated) (Nom)	33000 lm		
Color Designation	4000 Kelvin		
Lumen Maintenance - 40% Life	75 %		
Lumen Maintenance - 10% Life	90 %		
Saturated Red	50		
Design Mean Lumens	24750 lm		
Chromaticity Coordinate X (Max)	0.397		
Chromaticity Coordinate X (Min)	0.365		
		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

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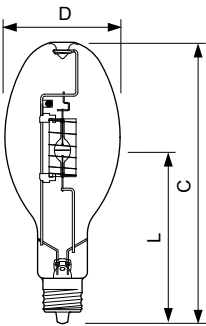
Voltage (Nom)	130 V
Mechanical and Housing	
Bulb Finish	Clear (CL)
Overall Length (Max)	11.5 in
Approval and Application	
Picogram Per Lumen Hour	84.2 pg/lm.h
Mercury (Hg) Content (Max)	50 mg
UV	
Pet (Niosh) (Nom)	42.88 h/500lx
Damage Factor D/fo (Nom)	0.32

Luminaire Design Requirements	
Bulb Temperature (Max)	163 °C
Cap-Base Temperature (Nom)	130 °C
Product Data	
Order product name	Allstart Energy Adv 330W ED37 CL 1SL
EAN/UPC - Product	046677232597
Order code	232595
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601165903
Net Weight (Piece)	0.001 kg

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)

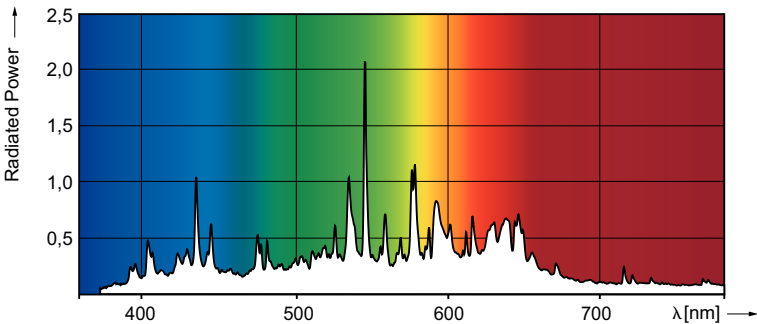
Dimensional drawing



CDMAIstar 330W/940 ED37 U EA AllStart

Product	D	D	L	L	C
Allstart Energy Adv 330W ED37 CL 1SL	118 mm	4.625 in	184 mm	178 mm	11.5 in

Photometric data



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