



Energy Advantage CDM AllStart

330W 4K ED37 CO U EA AllStart TG

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

• Product Data

Product number	408849
Full product name	330W 4K ED37 CO U EA AllStart TG
Short product name	330W 4K ED37 CO U EA AllStart TG
Pieces per Sku	1
Skus/Case	6
Bar code on pack	046677408848
Bar code on case	50046677408843
Logistics code(s)	928601168001

• General Characteristics

Base	Exclusionary Mogul Screw [Exclusionary Mogul Screw]
Bulb	ED37
Bulb Finish	Coated
Operating Position	Universal [Any or Universal (U)]
RatedAvgLife(See Family Notes)	20000 hr

• Electrical Characteristics

Watts	330 W
Lamp Voltage	125 V
Lamp Current	3.02 A
Ignition Time	120 s
Re-ignition Time [min]	15 min

• Environmental Characteristics

Mercury (Hg) Content	48 mg
Picogram per Lumen Hour	107.1 p/LuHr

• Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	90 Ra8
Color Designation	4000 Kelvin
Color Temperature	4000 K
Color Temperature technical	4000 K
Chromaticity Coordinate X	0.381 -
Chromaticity Coordinate Y	0.378 -
Initial lumen	31000 Lm
Luminous Efficacy Lamp	94 Lm/W
Design Mean Lumens	22400 Lm
Lumen Maintenance - 40% life	80 %
Lumen Maintenance - 10% life	90 %

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.27 -
UV A	110.98 h500lx
UV B	9.29 mW/cm ²
UV C	9.22 mW/cm ²
	0.06 mW/cm ²

• Product Dimensions

Diameter D	118 mm
Maximum Overall Length [inch]	11.5 in

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sense and simplicity

Light Center Length L 7 in
Diameter D 4.625 in

• Luminaire Design Requirements

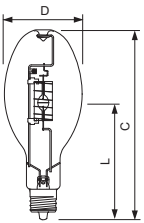
Cap-Base Temperature 130 C
Bulb Temperature 163 C

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



Product	C (Max)	D (Norm)	L (Norm)
CDMAllstar 330W/940 ED37 EA AllStart TG	11.5	4.625	7



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data subject to change