



Energy Advantage CDM Lamps with Allstart Technology

330W 4K ED28 CL U 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.

Product data

• General Characteristics

Base	Exclusionary Mogul Screw [Exclusionary Mogul Screw]
Bulb	ED28
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
RatedAvgLife(See Family Notes)	20000 hr

• Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	90 Ra8
Color Designation	4000 Kelvin
Color Temperature	3900 K
Color Temperature technical	3900 K
Initial lumen	33000 Lm
Luminous Efficacy Lamp	100 Lm/W
Lumen Maintenance - 10% life	90 %
Lumen Maintenance - 40% life	80 %
Design Mean Lumens	26400 Lm
Chromaticity Coordinate X	.368 (min), .384 (nom), .400 (max)
Chromaticity Coordinate Y	.358 (min), .378 (nom), .398 (max)

• Electrical Characteristics

Watts	330 W
Lamp Voltage	130 V
Lamp Current	3.02 A
Ignition Time	120 (max) s

Re-ignition Time [min]	12 (max) min
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• Environmental Characteristics

Mercury (Hg) Content	50 (max) mg
Picogram per Lumen Hour	96.7 p/LuHr

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.3 - 216 h500lx
UV A	10.86 mW/cm ²
UV B	0.04 mW/cm ²
UV C	0.01 mW/cm ²

• Luminaire Design Requirements

Cap-Base Temperature	132 C
Bulb Temperature	240 (max) C

• Product Dimensions

Diameter D	89 mm
Light Center Length L	127 (nom), 132 (max) mm
Maximum Overall Length [inch]	8.313 (max) in
Light Center Length L	5 in
Diameter D	3.5 in

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• Product Data

Product number 411058
 Full product name 330W 4K ED28 CL U EA AllStart
 Short product name CDM330/U/O/4K/EA/ED28 Allstart
 Pieces per Sku 1
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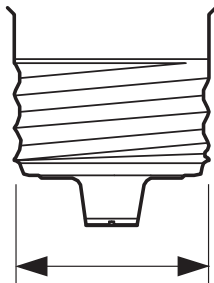
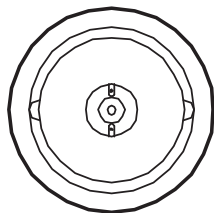
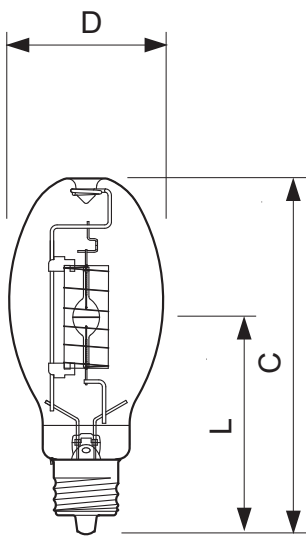
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Warnings and Safety

- 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



Ø 39

EX39

330W 4K ED28 CL U EA AllStart

Product	C (Max)	D (Norm)	L (Norm)
CDMAllstar 330W/940 ED28 U EA AllStart	8.313	3.5	5



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data subject to change