



# Energy Advantage CDM AllStart

205W ED28 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	408633
Full product name	205W ED28 CO U EA AllStart TG
Short product name	205W ED28 CO U EA AllStart TG
Pieces per Sku	1
Skus/Case	12
Bar code on pack	046677408633
Bar code on case	50046677408638
Logistics code(s)	928601167901

### • General Characteristics

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

### • Electrical Characteristics

Watts	205 W
Lamp Voltage	125 V
Lamp Current	1.9 A
Ignition Time	120 s
Re-ignition Time [min]	8 min

### • Environmental Characteristics

Mercury (Hg) Content	45 mg
Picogram per Lumen Hour	131.1 p/LuHr

### • Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	85 Ra8
Color Designation	4100 Kelvin
Color Temperature	4100 K
Color Temperature technical	4100 K
Chromaticity Coordinate X	0.360 (min), 0.376 (nom), 0.392 (max)
Chromaticity Coordinate Y	-
Initial lumen	19500 Lm
Luminous Efficacy Lamp	95 Lm/W
Design Mean Lumens	15600 Lm
Lumen Maintenance - 40% life	80 %
Lumen Maintenance - 10% life	94 %

### • UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.43 - 200.9 h500lx
UV A	15.7 mW/cm <sup>2</sup>
UV B	1.00 mW/cm <sup>2</sup>
UV C	0.01 mW/cm <sup>2</sup>

### • Product Dimensions

Diameter D	88.9 mm
Light Center Length L	125 (min), 127 (nom), 129 (max) mm
Maximum Overall Length [inch]	8.313 in

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sense and simplicity

Light Center Length L 5 in  
 Diameter D 3.5 in

• **Luminaire Design Requirements**

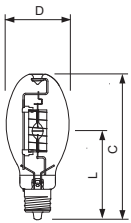
Cap-Base Temperature 130 C  
 Bulb Temperature 175 C

## 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 205W/940 ED28 EA AllStart TG	8.313	3.5	5



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 data subject to change