



Energy Advantage CDM Lamps with Allstart Technology

CDM330/C/U/O/4K EA 130V 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.

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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Product data

| General Information | | Color Designation | |
|-----------------------------|----------------------------------|---------------------------------|-------------|
| Base | EX39 [Exclusionary Mogul Screw] | Color Designation | 4000 Kelvin |
| Operating Position | Universal [Universal] | Lumen Maintenance - 40% Life | 80 % |
| Life to 50% Failures (Nom) | 24000 h | Lumen Maintenance - 10% Life | 90 % |
| ANSI Code HID | C185/O | Saturated Red (R9) | 75 |
| Features | Energy Advantage AllStart | Design Mean Lumens | 23250 lm |
| Light Technical | | Chromaticity Coordinate X (Max) | 0.402 |
| Color Code | 940 [CCT of 4000K] | Chromaticity Coordinate X (Min) | 0.370 |
| Luminous Flux (Rated) (Min) | 28000 lm | Chromaticity Coordinate X (Nom) | 0.386 |
| Luminous Flux (Rated) (Nom) | 31000 lm | Chromaticity Coordinate Y (Max) | 0.404 |
| | | Chromaticity Coordinate Y (Min) | 0.364 |
| | | Chromaticity Coordinate Y (Nom) | 0.390 |

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| | |
|------------------------------------|---------|
| Correlated Color Temperature (Nom) | 3950 K |
| Luminous Efficacy (Rated) (Min) | 85 lm/W |
| Luminous Efficacy (rated) (Nom) | 94 lm/W |
| Color Rendering Index (Min) | - |
| Color Rendering Index (Nom) | 86 |

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 |
| Voltage (Nom) | 130 V |

Mechanical and Housing

| | |
|----------------------|--------------|
| Bulb Finish | Coated glass |
| Overall Length (Max) | 11.5 in |
| Bulb Shape | ED37 [ED37] |

Approval and Application

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|-------------------------|------------|
| Picogram Per Lumen Hour | 90 pg/lm.h |
|-------------------------|------------|

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|----------------------------|-------|
| Mercury (Hg) Content (Max) | 50 mg |
|----------------------------|-------|

UV

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|--------------------------|---------------|
| Pet (Niosh) (Nom) | 42.88 h/500lx |
| Damage Factor D/fc (Nom) | 0.32 |

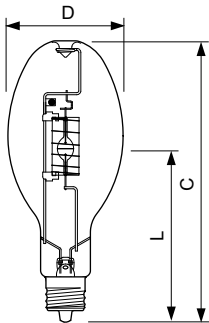
Luminaire Design Requirements

| | |
|----------------------------|--------|
| Bulb Temperature (Max) | 163 °C |
| Cap-Base Temperature (Nom) | 130 °C |

Product Data

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|---------------------------------|---------------------------|
| Order product name | 330W ED37 CO Allstart 1SL |
| EAN/UPC - Product | 046677236939 |
| Order code | 236935 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 928601166803 |
| Net Weight (Piece) | 0.001 kg |

Dimensional drawing



CDMAllstar 330W/940 ED37 U EA AllStart

| Product | D (max) | D | L (max) | L | C |
|---------------------------|---------|----------|---------|--------|---------|
| 330W ED37 CO Allstart 1SL | 118 mm | 4.625 in | 184 mm | 178 mm | 11.5 in |

