



Energy Advantage CDM Lamps with AllStart Technology E-Rated

CDM145/U/4K/ED17 EA Allstart

Philips Energy Advantage CDM AllStart E-rated lamps provide 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	
Base	E26 [Single Contact Medium Screw]
Operating Position	Universal [Universal]
Life to 50% Failures (Nom)	20000 h
ANSI Code HID	C192/E
Features	Energy Advantage AllStart
Light Technical	
Color Code	843 [CCT of 4300K]
Luminous Flux (Rated) (Min)	12760 lm

Luminous Flux (Rated) (Nom)	13920 lm
Color Designation	4300 Kelvin
Lumen Maintenance - 40% Life	80 %
Lumen Maintenance - 10% Life	90 %
Design Mean Lumens	11136 lm
Chromaticity Coordinate X (Max)	0.390
Chromaticity Coordinate X (Min)	0.358
Chromaticity Coordinate X (Nom)	0.374
Chromaticity Coordinate Y (Max)	0.400
Chromaticity Coordinate Y (Min)	0.360

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Chromaticity Coordinate Y (Nom)	0.380
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (Rated) (Min)	88 lm/W
Luminous Efficacy (rated) (Nom)	96 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	81

Operating and Electrical

Power (Rated) (Nom)	145.5 W
Lamp Current (Nom)	1.45 A
Ignition Supply Voltage (Nom)	283 V
Re-Ignition Time (Min) (Nom)	17.5 min
Ignition Time (Max)	120 s
Voltage (Max)	138 V
Voltage (Min)	108 V
Voltage (Nom)	123 V

Mechanical and Housing

Bulb Finish	Clear
Overall Length (Max)	5.4 in

Approval and Application

Picogram Per Lumen Hour	179.7 pg/lm.h
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Mercury (Hg) Content (Max)	42 mg
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UV

Pet (Niosh) (Nom)	151.2 h/500lx
Damage Factor D/fc (Nom)	0.44

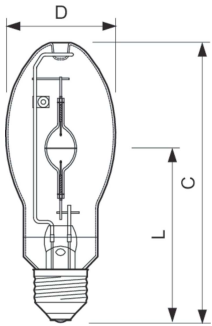
Luminaire Design Requirements

Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Nom)	136 °C

Product Data

Order product name	CDM145/U/4K/ED17 EA Allstart
EAN/UPC - Product	046677411060
Order code	411066
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601168401
Net Weight (Piece)	0.044 kg

Dimensional drawing

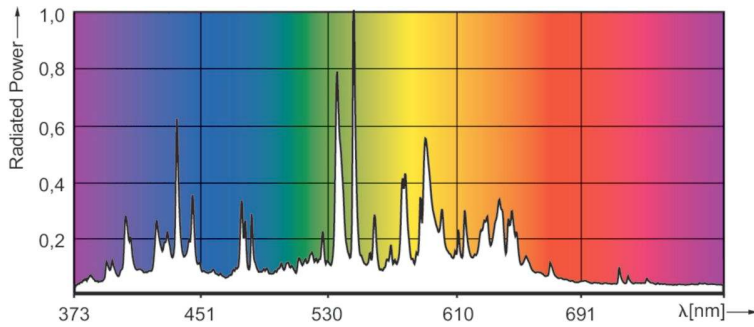


CDMAllstar 145W/843 ED17 CL EA AllStart

Product	D	D	L (min)	L (max)	L	C
CDM145/U/4K/ED17 EA Allstart	2.125 in	54 mm	83 mm	89 mm	86 mm	5.4 in

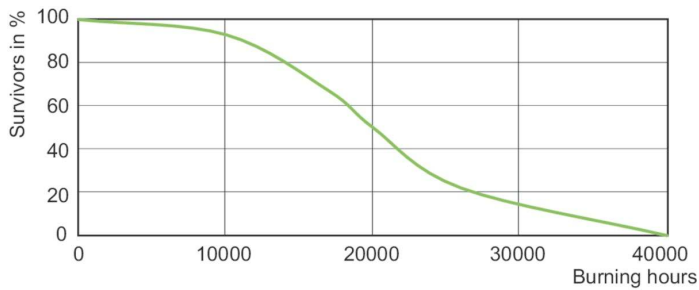
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Photometric data

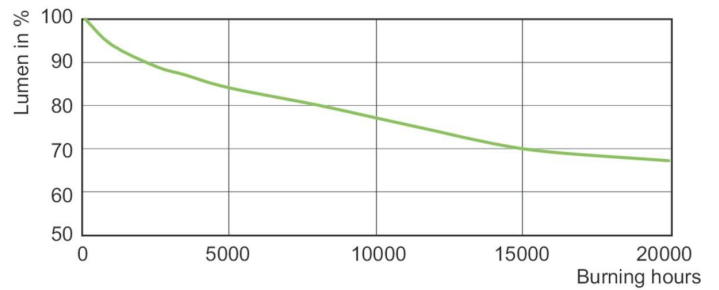


LDPO_D-CDM-AL_0002-Spectral power distribution Colour

Lifetime



LDLE_D-CDM-AL_0002-Life expectancy diagram



LDLM_D-CDM-AL_0002-Lumen maintenance diagram

