



Energy savings without changing a ballast!

Energy Advantage CDM Lamps with AllStart Technology E-Rated

Philips Energy Advantage CDM AllStart E-rated lamps provide energy savings without compromising light quality.

Benefits

- Energy savings up to 17%*
- Reduced maintenance and recycling costs
- Long life: 20,000 hours rated average life

Features

- Excellent color rendering of CRI >80
- Crisp white light
- Use in enclosed fixtures only
- Direct retrofit lamp to both probe and pulse start magnetic 175W ballasts (not suitable for operation on electronic ballasts)

Application

- Ideal for low-ceiling industrial, retail and distribution centers as well as outdoor applications

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)

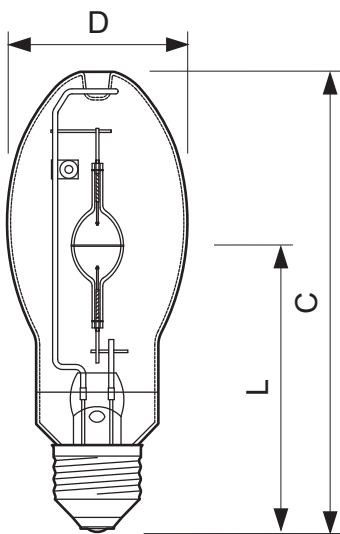
PHILIPS

Related products



E26, ED-17, Clear

Dimensional drawing



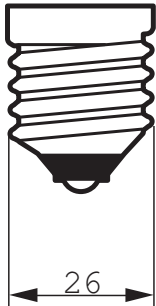
145W ED17 CL U EA AllStart

| Product | C (Max) | D (Norm) | L (Norm) |
|---|---------|----------|----------|
| CDMAllstar 145W/843 ED17 CL EA AllStart | 5.4 | 2.125 | 3.4 |

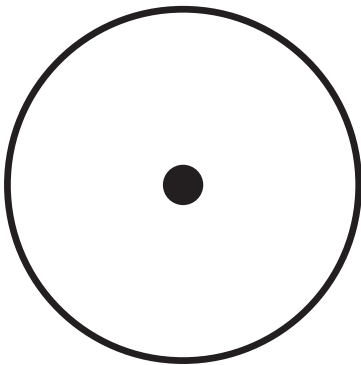
General Characteristics

| Order code | Full product name | Base | Bulb | Bulb Finish | Operating Position | RatedAvgLife(See Family Notes) |
|--------------|----------------------------|--------|------|-------------|--------------------|--------------------------------|
| 928601168401 | 145W ED17 CL U EA AllStart | Medium | ED17 | Clear | Universal | 20000 hr |

Installation diagrams



E26



any

Light Technical Characteristics (1/2)

| Order code | Full product name | Color Code | Color Rendering Index | Color Designation | Color Temperature | Lumens (Brightness) | Luminous Efficacy Lamp | Lumen Maintenance - 10% life | Lumen Maintenance - 40% life | Design Mean Lumens | Chromaticity Coordinate X |
|--------------|----------------------------|------------|-----------------------|-------------------|-------------------|---------------------|------------------------|------------------------------|------------------------------|--------------------|---|
| 928601168401 | 145W ED17 CL U EA AllStart | 843 | 82 Ra8 | 4300 Kelvin | 4300 K | 13920 Lm | 96 Lm/W | 90 % | 80 % | 11136 Lm | 0.350 (min), 0.366 (nom), 0.382 (max) - |

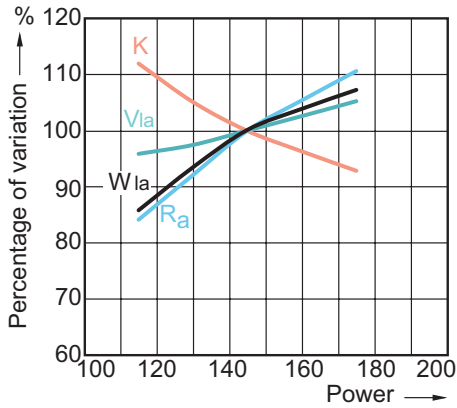
Light Technical Characteristics (2/2)

| Order code | Full product name | Chromaticity Coordinate Y |
|--------------|----------------------------|---|
| 928601168401 | 145W ED17 CL U EA AllStart | 0.357 (min), 0.377 (nom), 0.397 (max) - |

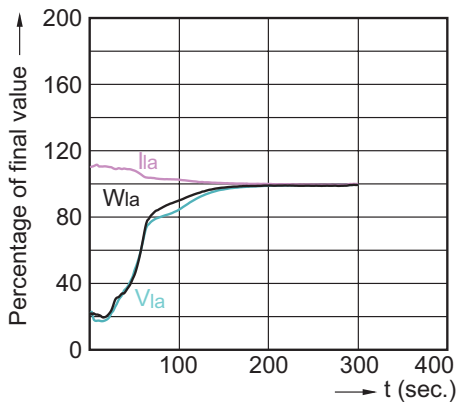
Electrical Characteristics

| Order code | Full product name | Energy Used | Lamp Voltage | Lamp Current |
|--------------|----------------------------|-------------|--------------|--------------|
| 928601168401 | 145W ED17 CL U EA AllStart | 145 W | 123 V | 1.45 A |

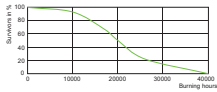
Performance diagrams



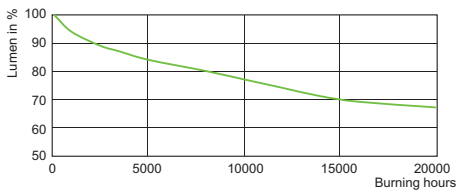
CDM 145W ED17



CDM 145W, ED17



CDM 145W ED17



CDM 145W ED17

Environmental Characteristics

| Order code | Full product name | Mercury (Hg) Content | Picogram per Lumen Hour |
|--------------|----------------------------|----------------------|-------------------------|
| 928601168401 | 145W ED17 CL U EA AllStart | 42 (max) mg | 179.7 p/LuHr |

Luminaire Design Requirements

| Order code | Full product name | Cap-Base Temperature | Bulb Temperature |
|--------------|----------------------------|----------------------|------------------|
| 928601168401 | 145W ED17 CL U EA AllStart | 136 C | 400 (max) C |



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www.philips.com/lighting

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data subject to change