



CorePro Plastic LEDbulbs

LEDbulb ND 4.9-40W A60 E27 840 2CT

The CorePro LED bulb is the perfect bulb for your basic lighting needs. It provides beautiful light and dependable performance you expect from LED at an affordable price. CorePro LEDbulbs are compatible with existing fixtures with an E27 or B22 holder and are designed for retrofit replacement of incandescent bulbs. They deliver huge energy savings of 80% and provides excellent quality of light. By offering a lifetime of 15,000 hours it reduces maintenance costs.

Product data

| General Information | |
|----------------------------|----------------|
| Cap-Base | E27 [E27] |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |
| EU RoHS compliant | Yes |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 180 degree(s) |
| Luminous Flux | 470 lumen |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 95 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Flickering value (PstLM) | 1 |

| | |
|--|-----|
| Stroboscopic effect value (SVM) | 0.4 |
| Photobiological safety according to EN 62471 | RG1 |

| Operating and Electrical | |
|---------------------------|-------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 4.9 W |
| Lamp Current (Nom) | 45 mA |
| Wattage Equivalent | 40 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.54 |
| Voltage (Nom) | 220-240 V |

| Temperature | |
|---------------------------|-----------------|
| Ambient temperature range | -20 °C to 45 °C |

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Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|---------------|--------------|
| Bulb Finish | Frosted |
| Bulb Material | Plastic |
| Bulb Shape | A60 [A 60mm] |

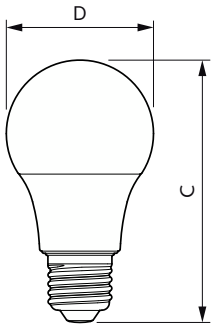
Approval and Application

| | |
|-------------------------------|---------|
| Energy Efficiency Class | F |
| Energy Consumption kWh/1000 h | 5 kWh |
| EPREL Registration Number | 1227623 |
| EyeComfort | Yes |

Product Data

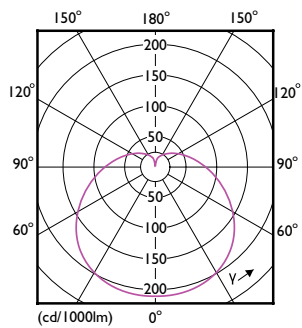
| | |
|---------------------------------|------------------------------------|
| Full product code | 871951447099600 |
| Order product name | LEDbulb ND 4.9-40W A60 E27 840 2CT |
| Order code | 929003564102 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 929003564102 |
| Full product name | LEDbulb ND 4.9-40W A60 E27 840 2CT |
| EAN/UPC - Case | 8719514471009 |
| EAN/UPC - Product/Case | 8719514470996 |

Dimensional drawing

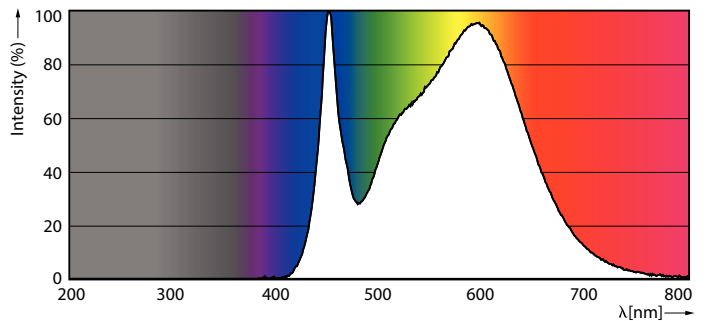


| Product | D | C |
|------------------------------------|-------|--------|
| LEDbulb ND 4.9-40W A60 E27 840 2CT | 60 mm | 108 mm |

Photometric data



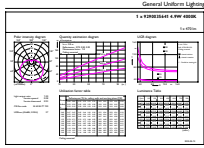
Light Distribution Diagram - LEDbulb ND 4.9-40W A60 E27 840 2CT



Spectral Power Distribution Colour - LEDbulb ND 4.9-40W A60 E27 840 2CT

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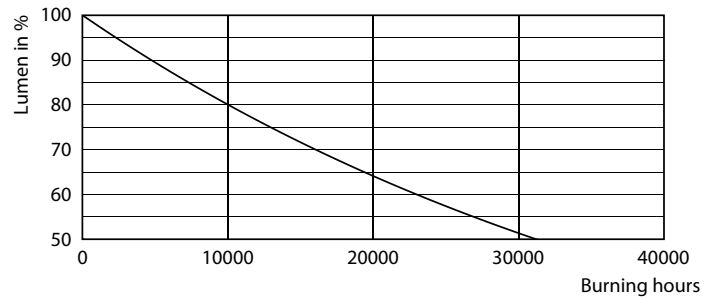
Photometric data



General of Parameters 43 Philips Lighting B.V. Page 117

General uniform lighting - LEDbulb ND 4.9-40W A60 E27 840 2CT

Lifetime



Life Expectancy Diagram - LEDbulb ND 4.9-40W A60 E27 840 2CT

Lumen Maintenance Diagram - LEDbulb ND 4.9-40W A60 E27 840 2CT

