Best of the world… a LEDcandle and LEDlustre with a warm white light that saves over 84% energy costs.

The CorePro LEDcandle and LEDlustre deliver comfort sparkling light which is ideal for installation in various kinds of fixtures where people can easily enjoy the art of light. The lamps can perfectly work with crystal chandeliers, wall sconces where lamps are exposed or modern fixtures with a glass shield.
Design highlights

• Classical outlook meets the need of OEM luminaire makers
• Low power consumption
• Long lifetime of 15,000 hours (F50, L70)
• Warm white CCT 2700 K available
• No UV and Cool beam (no IR)
• Environmental friendly, no Mercury or any other hazardous substances
• Low Carbon Footprint

Application areas

Corepro LEDcandle and LEDlustre is ideal for general and decorative lighting in the hospitality industry, as well as in home environments. Mounted in full view in chandeliers, wall sconces or modern luminaires, fit all existing fixtures with an E14 socket. Drawing upon inputs from chandelier makers and designed to enhance the aesthetic appeal of the chandelier or luminaire, not only when lit but also when not, these lamps come in a classical slender shape. They produce a beautiful warm light that delivers huge energy savings and minimizes maintenance cost.

Application notes

• Operating temperature range is between -20 °C and 45 °C ambient
• Designed for indoor application.
• Not intended for use with emergency light fixtures or exit lights
• For indoor applications in open luminaires (open/free air gap of min. 10 mm)
Technical Specifications

<table>
<thead>
<tr>
<th>Product type</th>
<th>Voltage</th>
<th>Wattage</th>
<th>Replaced Wattage</th>
<th>Base</th>
<th>Lamp/shape finish</th>
<th>Color temp.</th>
<th>Light Output</th>
<th>Lifetime</th>
<th>CRI</th>
<th>Dimmable</th>
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<tbody>
<tr>
<td>Corepro candle ND 4-25W E14 B35 CL</td>
<td>220-240</td>
<td>4.0</td>
<td>25</td>
<td>E14</td>
<td>B35</td>
<td>2700</td>
<td>250</td>
<td>15,000</td>
<td>80</td>
<td>No</td>
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<tr>
<td>Corepro lustre ND 4-25W E14 B27 P45 CL</td>
<td>220-240</td>
<td>4.0</td>
<td>25</td>
<td>E14</td>
<td>P45</td>
<td>2700</td>
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<td>No</td>
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<tr>
<td>Corepro candle ND 5.5-40W E14 B35 CL</td>
<td>220-240</td>
<td>5.5</td>
<td>40</td>
<td>E14</td>
<td>B35</td>
<td>2700</td>
<td>470</td>
<td>15,000</td>
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</table>

Dimensions

<table>
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<tr>
<th>Type</th>
<th>C typical Overall Length</th>
<th>D typical Diameter</th>
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<tbody>
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<td>35</td>
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<tr>
<td>Corepro lustre ND E14 B27 P45</td>
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<td>45</td>
</tr>
</tbody>
</table>

![Diagram of Corepro LED candle and LED lustre ND types]
Spectral Power Distribution

Spectrum of CorePro LEDcandle and LEDlustre

Temperature

Corepro ND 4-25W

Corepro ND 5.5-40W

250lm $T_c\max: 85 \, ^\circ C$

470lm $T_c\max: 95 \, ^\circ C$
Photometric Diagrams

Corepro candle ND 4-25W E14 827 B35 CL

- Light output ratio: 1.00
- Service upward: 0.61
- Service downward: 0.39
- CIE flux code: 12 39 68 39 100
- UGR cen (4Hx8H, 0.25H): 21

Corepro lustre ND 4-25W E14 827 P45 CL

- Light output ratio: 1.00
- Service upward: 0.57
- Service downward: 0.43
- CIE flux code: 13 38 66 43 100
- UGR cen (4Hx8H, 0.25H): 21
Corepro candle ND 5.5-40W E14 827 B35 CL

- Light output ratio: 1.00
- CIE flux code: 10 37 67 38 100
- Service downward: 0.38
- UGRcen (4Hx8H, 0.25H ): 23

Corepro lustre ND 5.5-40W E14 827 P45 CL

- Light output ratio: 1.00
- CIE flux code: 14 40 68 39 100
- Service downward: 0.39
- UGRcen (4Hx8H, 0.25H ): 23
Corepro LEDcandle and LEDlustre have a lifetime exceeding 15,000 hours defined as (F50, L70), where:

- F50, L70, meaning 50% in total of whole population of lamps either fail without light output or lumen maintenance lower than 70% of initial value
- Lifetime estimation based on the application environment condition: at room temperature (25°C), free air burning, base down burning position, and at rated voltage.