Lighting

PHILIPS



TrueForce LED Public (Road/Area – SOX)

TrueForce LED SOX 36W B22 840 FR

Philips TrueForce LED Public (Road/Area – SOX) offers an easy and short payback LED solution to replace SOX systems. These lamps bring the LED benefits of energy efficiency and long lifetime to HID replacement. They also come with a low initial investment to ensure instant savings. With the right lamp size, cap and light distribution, you can easily retrofit the traditional SOX system with TrueForce LED SOX lamp thereby enhancing the light quality with comfort and safety without having to replace the fixtures or sacrifice the light effect.

Warnings and Safety

• Please refer to the installation guide or consult a Philips Lighting representative for wiring diagram and instructions.

Product data

| General information Cap base B22 [B22] CE mark Yes EU RoHS compliant Yes Nominal lifetime (nom.) 50000 h Switching cycle 50000 Sphere Tier Light technical Light technical | |
|---|--|
| CE mark Yes EU RoHS compliant Yes Nominal lifetime (nom.) 50000 h Switching cycle 50000 Sphere Sphere Tier MASTER | |
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| Light technical | |
| Light technical | |
| | |
| Colour Code 840 [CCT of 4,000 K] | |
| Beam Angle (Nom) 230 ° | |
| Luminous flux (nom.) 5000 lm | |
| Colour designation Cool White (CW) | |
| Correlated Colour Temperature (Nom) 4000 K | |
| Correlated Colour Temperature (Nom) 4000 K | |

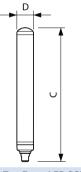
| Luminous efficacy (rated) (nom.) | 138.00 lm/W |
|--|-------------|
| Colour consistency | <6 |
| Colour rendering index (nom.) | 80 |
| LLMF at end of nominal lifetime (nom.) | 70 % |
| | |
| Operating and electrical | |
| Input frequency | 50 to 60 Hz |
| Power (Rated) (Nom) | 36 W |
| Lamp current (max.) | 385 mA |
| Lamp current (min.) | 161 mA |
| Wattage equivalent | 55 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light (nom.) | 0.5 s |
| Power factor (nom.) | 0.9 |
| | |

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| Voltage (Nom) | 100-240 V | |
|--------------------------|-----------|--|
| | | |
| Temperature | | |
| T-ambient (max.) | 45 °C | |
| T-ambient (min.) | -20 °C | |
| T-Case maximum (nom.) | 67 °C | |
| | | |
| Controls and dimming | | |
| Dimmable | No | |
| | | |
| Mechanical and housing | | |
| Bulb shape | T-shape | |
| | | |
| Approval and application | | |
| Energy Efficiency Class | D | |
| | | |

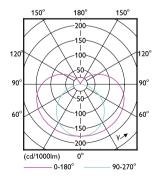
| Energy consumption kWh/1,000 hours | 36 kWh | |
|------------------------------------|----------------------------------|--|
| | 421461 | |
| | | |
| Product data | | |
| Full product code | 871951430566300 | |
| Order product name | TrueForce LED SOX 36W B22 840 FR | |
| EAN/UPC – product | 8719514305663 | |
| Order code | 30566300 | |
| SAP numerator – quantity per pack | 1 | |
| Numerator – packs per outer box | 6 | |
| SAP material | 929002497002 | |
| Net Weight (Piece) | 0.462 kg | |
| | | |

Dimensional drawing



TrueForce LED SOX 36W B22 840 FR

Photometric data



LEDTForce SOX 18W Tshape B22

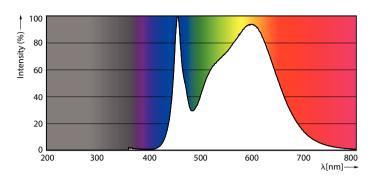
| Product | D | с |
|----------------------------------|-------|--------|
| TrueForce LED SOX 36W B22 840 FR | 52 mm | 425 mm |

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|--------------|---|-----------------------------|
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LEDTForce SOX 36W Tshape B22 840

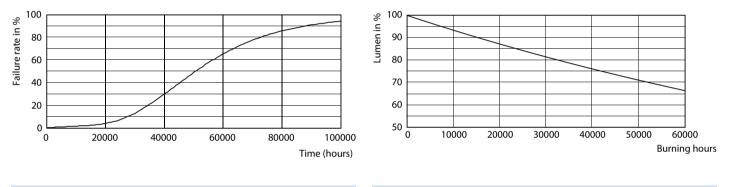
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Photometric data



LEDTForce SOX 36W Tshape B22 840

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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