



# The perfect fit LED solution for SOX system retrofit

## TrueForce LED Public (Road/Area – SOX)

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 and external LED driver thereby enhancing the light quality with comfort and safety without having to replace the fixtures or sacrifice the light effect. An optional dimming function, for use at lower traffic intensities, gives additional opportunities for energy savings.

### Benefits

- Cost savings ensure a quick payback
- Low initial investment
- Enhance lighting quality for comfort and safety

### Features

- High energy efficiency and long lifetime 50,000hrs
- Same lamp size and cap as SOX for direct retrofit
- Direct LED replacement solution without replacing the fixture
- Pleasant white light with CRI 70
- Dimmable when used with recommended driver

### Application

- Public Road - streets, paths
- Public Area - parking, transportation hubs

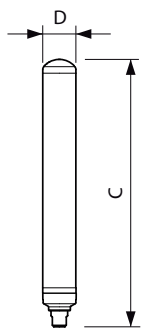
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## Versions



B22 Others Frosted

## Dimensional drawing



Product	D	C
TrueForce LED SOX D 40-31W B22d 740 FR	54 mm	422 mm
TrueForce LED SOX D 25-19W B22 740 FR	54 mm	308 mm

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Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	B22/BY22d
Nominal Lifetime (Nom)	50000 h
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X
Light Technical	
Beam Angle (Nom)	230 °
Color Code	740
Correlated Color Temperature (Nom)	4000 K
Color Rendering Index (Nom)	70
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001307902	TrueForce LED SOX D 40-31W B22d 740 FR	35 kWh
929001828602	TrueForce LED SOX D 25-19W B22 740 FR	21 kWh

## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated)
929001307902	TrueForce LED SOX D 40-31W B22d 740 FR	60 V	36 W	31 W

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated)
929001828602	TrueForce LED SOX D 25-19W B22 740 FR	48 V	35 W	19 W

## Light Technical

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
929001307902	TrueForce LED SOX D 40-31W B22d 740 FR	4000 lm	4000 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
929001828602	TrueForce LED SOX D 25-19W B22 740 FR	2500 lm	2500 lm

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001307902	TrueForce LED SOX D 40-31W B22d 740 FR	75 °C
929001828602	TrueForce LED SOX D 25-19W B22 740 FR	95 °C

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