



# The best LED solution for High-Intensity Discharge (HID) lamp replacement

## TrueForce LED Public (Road – SON)

Philips TrueForce LED road lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy-efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED road lamps into the existing systems without changing the luminaire's ballast or reflector while enhancing the lighting quality.

### Benefits

- Cost saving with short payback time
- Low initial investment
- Enhance lighting quality with easy adoption

### Features

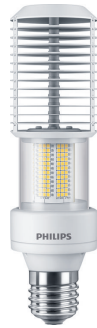
- High energy-efficiency
- Lifetime 50,000 hrs
- The right lamp size and lighting distribution for direct retrofitting
- Direct LED replacement solution without changing the luminaire
- Pleasant white light with CRI 70

### Application

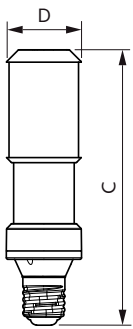
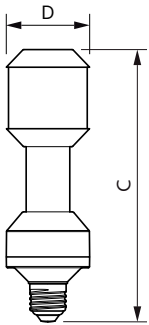
- Public urban – streets, parks, squares
- Public road/area – streets, area

# TrueForce LED Public (Road – SON)

## Versions



## Dimensional drawing



Product	D	C
TrueForce LED Road 60-35W E27 740	61 mm	200 mm
TrueForce LED Road 55-35W E27 730	61 mm	200 mm
TrueForce LED Road 40-25W E27 730	61 mm	200 mm
TrueForce LED Road 42-25W E27 740	61 mm	200 mm

Product	D	C
TrueForce LED Road 84-55W E40 730	71 mm	262 mm
TrueForce LED Road 120-68W E40 740	71 mm	262 mm
TrueForce LED Road 112-68W E40 730	71 mm	262 mm
TrueForce LED Road 90-55W E40 740	71 mm	262 mm

# TrueForce LED Public (Road – SON)

## Approval and Application

Energy Efficiency Label (EEL) A++

## Controls and Dimming

Dimmable No

## Operating and Electrical

Input Frequency 50 Hz

Starting Time (Nom) 0.5 s

## General Information

Nominal Lifetime (Nom) 50000 h

Switching Cycle 50,000X

## Light Technical

Colour Rendering Index (Nom) 70

Llmf At End Of Nominal Lifetime (Nom) 70 %

## Mechanical and Housing

Bulb Finish Clear

Bulb Shape Others

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001898402	TrueForce LED Road 55-35W E27 730	39 kWh
929001898502	TrueForce LED Road 60-35W E27 740	39 kWh
929001999402	TrueForce LED Road 40-25W E27 730	28 kWh
929001999502	TrueForce LED Road 42-25W E27 740	28 kWh
929002007402	TrueForce LED Road 84-55W E40 730	61 kWh
929002007502	TrueForce LED Road 90-55W E40 740	61 kWh
929002007602	TrueForce LED Road 112-68W E40 730	75 kWh
929002007702	TrueForce LED Road 120-68W E40 740	75 kWh

## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001898402	TrueForce LED Road 55-35W E27 730	70-80 V	70 W	35 W
929001898502	TrueForce LED Road 60-35W E27 740	70-80 V	70 W	35 W
929001999402	TrueForce LED Road 40-25W E27 730	50-60 V	50 W	25 W
929001999502	TrueForce LED Road 42-25W E27 740	50-60 V	50 W	25 W

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929002007402	TrueForce LED Road 84-55W E40 730	88-98 V	100 W	55 W
929002007502	TrueForce LED Road 90-55W E40 740	88-98 V	100 W	55 W
929002007602	TrueForce LED Road 112-68W E40 730	80-90 V	-	68 W
929002007702	TrueForce LED Road 120-68W E40 740	80-90 V	-	68 W

## General Information

Order Code	Full Product Name	Cap-Base
929001898402	TrueForce LED Road 55-35W E27 730	E27
929001898502	TrueForce LED Road 60-35W E27 740	E27
929001999402	TrueForce LED Road 40-25W E27 730	E27
929001999502	TrueForce LED Road 42-25W E27 740	E27

Order Code	Full Product Name	Cap-Base
929002007402	TrueForce LED Road 84-55W E40 730	E40
929002007502	TrueForce LED Road 90-55W E40 740	E40
929002007602	TrueForce LED Road 112-68W E40 730	E40
929002007702	TrueForce LED Road 120-68W E40 740	E40

## Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929001898402	TrueForce LED Road 55-35W E27 730	730	3000 K	5500 lm

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929001898502	TrueForce LED Road 60-35W E27 740	740	4000 K	6000 lm

# TrueForce LED Public (Road – SON)

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929001999402	TrueForce LED Road 40-25W E27 730	730	3000 K	4000 lm
929001999502	TrueForce LED Road 42-25W E27 740	740	4000 K	4200 lm
929002007402	TrueForce LED Road 84-55W E40 730	730	3000 K	8400 lm

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929002007502	TrueForce LED Road 90-55W E40 740	740	4000 K	9000 lm
929002007602	TrueForce LED Road 112-68W E40 730	730	3000 K	11200 lm
929002007702	TrueForce LED Road 120-68W E40 740	740	4000 K	12000 lm

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001898402	TrueForce LED Road 55-35W E27 730	95 °C
929001898502	TrueForce LED Road 60-35W E27 740	95 °C
929001999402	TrueForce LED Road 40-25W E27 730	95 °C
929001999502	TrueForce LED Road 42-25W E27 740	95 °C
929002007402	TrueForce LED Road 84-55W E40 730	97 °C
929002007502	TrueForce LED Road 90-55W E40 740	97 °C
929002007602	TrueForce LED Road 112-68W E40 730	103 °C
929002007702	TrueForce LED Road 120-68W E40 740	103 °C

