



# The cost-effective LED replacement for HID and SON Road lamps with MASTER - LED HID SON-T

## CorePro - LED HID SON-T

The Philips CorePro LED HID SON-T lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps. This new generation of products brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant saving with a low initial investment. Furthermore, they're designed to have the same lamp size and light distribution as other HID lamps, so you will never know the difference. All thanks to our HighPower LED filament technology. Plus, its unique IP65 design means it can be used for outdoor applications

### Benefits

- Cost-saving lamps with short payback time
- Low initial investment
- Easy way to enhance lighting quality

### Features

- High energy efficiency
- Long lifetime of 50,000 hours
- Right size and light distribution for retrofits
- Direct LED replacement, no need to change the luminaire
- Pleasant white light with CRI70
- Surge protection 6KV

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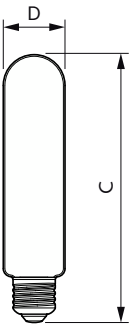
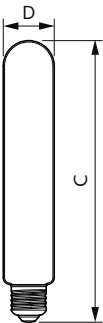
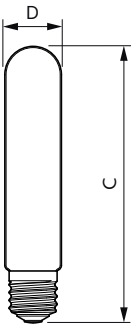
## Application

- Road and Street
- Tunnel
- Parking Garages

## Warnings and Safety

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

## Dimensional drawing



Product	D	C
TForce Core LED road 40W 727 E40 MV	47 mm	229 mm
TForce Core LED road 40W 730 E40 MV	46 mm	225 mm
TForce Core LED road 40W 740 E40 MV	46 mm	225 mm

Product	D	C
TForce Core LED road 26W 727 E27 MV	38.5 mm	214 mm
TForce Core LED road 26W 730 E27 MV	38 mm	210 mm
TForce Core LED road 26W 740 E27 MV	38 mm	210 mm

Product	D	C
TForce Core LED road 17W 727 E27 MV	38.5 mm	168 mm
TForce Core LED road 17W 730 E27 MV	38 mm	170 mm
TForce Core LED road 17W 740 E27 MV	38 mm	170 mm

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General Information	
Nominal lifetime	25,000 hour(s)
Light Technical	
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Temperature	
Ambient temperature range	-30 to +45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929002484802	TForce Core LED road 17W 730 E27 MV	E27	15,000
929002484902	TForce Core LED road 17W 740 E27 MV	E27	15,000
929003730802	TForce Core LED road 17W 727 E27 MV	E27	50,000
929002485002	TForce Core LED road 26W 730 E27 MV	E27	15,000
929002485102	TForce Core LED road 26W 740 E27 MV	E27	15,000
929003730902	TForce Core LED road 26W 727 E27 MV	E27	50,000
929002485202	TForce Core LED road 40W 730 E40 MV	E40	15,000
929002485302	TForce Core LED road 40W 740 E40 MV	E40	15,000
929003731002	TForce Core LED road 40W 727 E40 MV	E40	50,000

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color Code	Luminous Flux
			Temperature (Nom)		
929002484802	TForce Core LED road 17W 730 E27 MV	-	3000 K	730	2,800 lm
929002484902	TForce Core LED road 17W 740 E27 MV	-	4000 K	740	3,000 lm
929003730802	TForce Core LED road 17W 727 E27 MV	330 degree(s)	2700 K	727	2,700 lm
929002485002	TForce Core LED road 26W 730 E27 MV	-	3000 K	730	4,200 lm
929002485102	TForce Core LED road 26W 740 E27 MV	-	4000 K	740	4,500 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color Code	Luminous Flux
			Temperature (Nom)		
929003730902	TForce Core LED road 26W 727 E27 MV	330 degree(s)	2700 K	727	4,000 lm
929002485202	TForce Core LED road 40W 730 E40 MV	-	3000 K	730	7,200 lm
929002485302	TForce Core LED road 40W 740 E40 MV	-	4000 K	740	7,500 lm
929003731002	TForce Core LED road 40W 727 E40 MV	330 degree(s)	2700 K	727	6,500 lm

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929002484802	TForce Core LED road 17W 730 E27 MV	50 to 60 Hz	17 W
929002484902	TForce Core LED road 17W 740 E27 MV	50 to 60 Hz	17 W

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929003730802	TForce Core LED road 17W 727 E27 MV	-	17 W
929002485002	TForce Core LED road 26W 730 E27 MV	50 to 60 Hz	26 W

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Order Code	Full Product Name	Line Frequency	Power
			Consumption
929002485102	TForce Core LED road 26W 740 E27 MV	50 to 60 Hz	26 W
929003730902	TForce Core LED road 26W 727 E27 MV	-	26 W
929002485202	TForce Core LED road 40W 730 E40 MV	50 to 60 Hz	40 W

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929002485302	TForce Core LED road 40W 740 E40 MV	50 to 60 Hz	40 W
929003731002	TForce Core LED road 40W 727 E40 MV	-	40 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002484802	TForce Core LED road 17W 730 E27 MV	29.7 °C
929002484902	TForce Core LED road 17W 740 E27 MV	29.7 °C
929003730802	TForce Core LED road 17W 727 E27 MV	39.8 °C
929002485002	TForce Core LED road 26W 730 E27 MV	38.7 °C
929002485102	TForce Core LED road 26W 740 E27 MV	38.7 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929003730902	TForce Core LED road 26W 727 E27 MV	44.55 °C
929002485202	TForce Core LED road 40W 730 E40 MV	26 °C
929002485302	TForce Core LED road 40W 740 E40 MV	26 °C
929003731002	TForce Core LED road 40W 727 E40 MV	48.7 °C

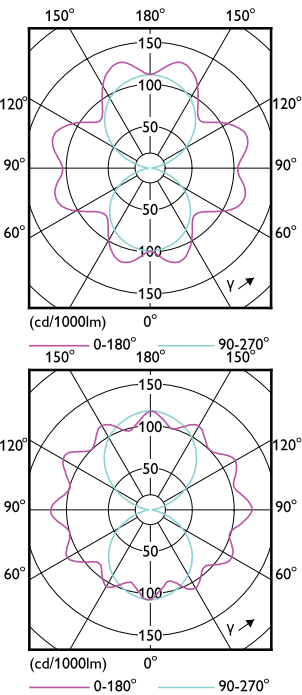
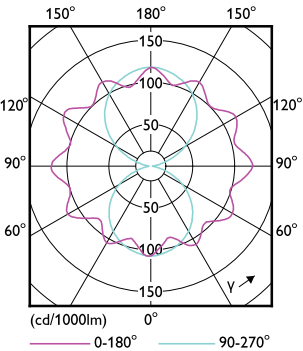
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929002484802	TForce Core LED road 17W 730 E27 MV	T-shape
929002484902	TForce Core LED road 17W 740 E27 MV	T-shape
929003730802	TForce Core LED road 17W 727 E27 MV	T38
929002485002	TForce Core LED road 26W 730 E27 MV	T-shape
929002485102	TForce Core LED road 26W 740 E27 MV	T-shape

Order Code	Full Product Name	Bulb Shape
929003730902	TForce Core LED road 26W 727 E27 MV	T38
929002485202	TForce Core LED road 40W 730 E40 MV	T-shape
929002485302	TForce Core LED road 40W 740 E40 MV	T-shape
929003731002	TForce Core LED road 40W 727 E40 MV	T46

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
929002484802	TForce Core LED road 17W 730 E27 MV	17 kWh
929002484902	TForce Core LED road 17W 740 E27 MV	17 kWh
929003730802	TForce Core LED road 17W 727 E27 MV	17 kWh
929002485002	TForce Core LED road 26W 730 E27 MV	26 kWh
929002485102	TForce Core LED road 26W 740 E27 MV	26 kWh
929003730902	TForce Core LED road 26W 727 E27 MV	26 kWh
929002485202	TForce Core LED road 40W 730 E40 MV	40 kWh
929002485302	TForce Core LED road 40W 740 E40 MV	40 kWh
929003731002	TForce Core LED road 40W 727 E40 MV	40 kWh



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