



# 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

# CorePro - LED HID SON-T

## Features

- High Energy efficient lamps
- Long lifetime - 25,000 hrs
- Surge protection 2KV
- Pleasant white light with CRI 70
- Omnidirectional light around lamp
- Additional Energy saving by Direct Mains connection
- IP65 product (IP rated sockets required for outdoor application)

## 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.

## Versions



LED TForce Core road 32W 722 E40 MV



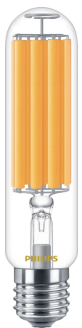
LED TForce Core road 26W E27 MV



LED TForce Core road 26W 740 E27 MV



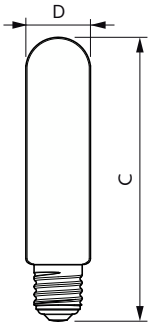
LED TForce Core road 20W 722 E27 MV



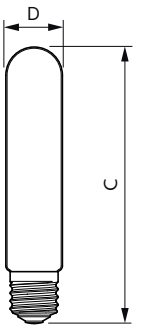
LED TForce MAS SONT EU1

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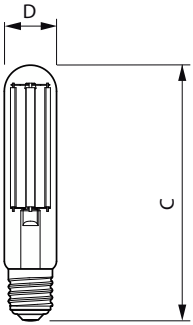
## Dimensional drawing



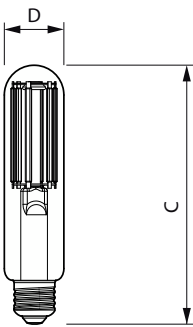
Product	D	C
TForce Core LED road 45W 727 E40 MV	53.5 mm	232 mm
TForce Core LED road 45W 730 E40 MV	53.5 mm	232 mm
TForce Core LED road 49W 740 E40 MV	53.5 mm	232 mm



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



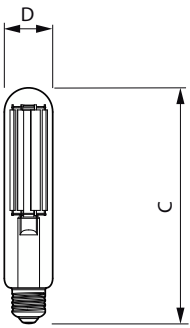
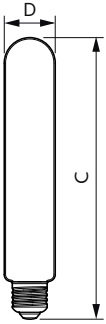
Product	D	C
TForce Core LED road 32W 722 E40 MV	47 mm	229 mm



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

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## Dimensional drawing



Product	D	C
TForce Core LED road 26W 727 E27 MV	38.5 mm	214 mm
TForce Core LED road 26W 730 E27 MV	38.5 mm	213 mm
TForce Core LED road 26W 740 E27 MV	38.5 mm	213 mm

Product	D	C
TForce Core LED road 20W 722 E27 MV	38.5 mm	188 mm
TForce Core LED road 26W 727 E27 MV	38.5 mm	188 mm
TForce Core LED road 26W 730 E27 MV	38.5 mm	188 mm
TForce Core LED road 26W 740 E27 MV	38.5 mm	188 mm

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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Approval and Application	
Ambient temperature range	-30 to +45 °C

## General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929004341502	TForce Core LED road 32W 722 E40 MV	E40	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
929002484802	TForce Core LED road 17W 730 E27 MV	E27	50,000
929002484902	TForce Core LED road 17W 740 E27 MV	E27	50,000
929003730802	TForce Core LED road 17W 727 E27 MV	E27	50,000
929004341202	TForce Core LED road 26W 727 E27 MV	E27	50,000
929004341302	TForce Core LED road 26W 730 E27 MV	E27	50,000
929004341402	TForce Core LED road 26W 740 E27 MV	E27	50,000
929002485202	TForce Core LED road 40W 730 E40 MV	E40	50,000
929002485302	TForce Core LED road 40W 740 E40 MV	E40	50,000
929003731002	TForce Core LED road 40W 727 E40 MV	E40	50,000
929004341102	TForce Core LED road 20W 722 E27 MV	E27	50,000
929003775602	TForce Core LED road 45W 727 E40 MV	E40	50,000
929003775702	TForce Core LED road 49W 740 E40 MV	E40	50,000
929003778802	TForce Core LED road 45W 730 E40 MV	E40	50,000

## Light Technical

## CorePro - LED HID SON-T

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
929004341502	TForce Core LED road 32W 722 E40 MV	300 degree(s)	2200 K	2200	5,200 lm
929002485002	TForce Core LED road 26W 730 E27 MV	330 degree(s)	3000 K	730	4,200 lm
929002485102	TForce Core LED road 26W 740 E27 MV	330 degree(s)	4000 K	740	4,500 lm
929003730902	TForce Core LED road 26W 727 E27 MV	330 degree(s)	2700 K	727	4,000 lm
929002484802	TForce Core LED road 17W 730 E27 MV	330 degree(s)	3000 K	730	2,800 lm
929002484902	TForce Core LED road 17W 740 E27 MV	330 degree(s)	4000 K	740	3,000 lm
929003730802	TForce Core LED road 17W 727 E27 MV	330 degree(s)	2700 K	727	2,700 lm
929004341202	TForce Core LED road 26W 727 E27 MV	300 degree(s)	2700 K	727	4,000 lm
929004341302	TForce Core LED road 26W 730 E27 MV	300 degree(s)	3000 K	730	4,200 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color Code	Luminous Flux
929004341402	TForce Core LED road 26W 740 E27 MV	300 degree(s)	4000 K	740	4,500 lm
929002485202	TForce Core LED road 40W 730 E40 MV	330 degree(s)	3000 K	730	7,200 lm
929002485302	TForce Core LED road 40W 740 E40 MV	330 degree(s)	4000 K	740	7,500 lm
929003731002	TForce Core LED road 40W 727 E40 MV	330 degree(s)	2700 K	727	6,500 lm
929004341102	TForce Core LED road 20W 722 E27 MV	300 degree(s)	2200 K	2200	3,200 lm
929003775602	TForce Core LED road 45W 727 E40 MV	330 degree(s)	2700 K	727	8,800 lm
929003775702	TForce Core LED road 49W 740 E40 MV	330 degree(s)	4000 K	740	10,000 lm
929003778802	TForce Core LED road 45W 730 E40 MV	330 degree(s)	3000 K	730	8,800 lm

### Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929004341502	TForce Core LED road 32W 722 E40 MV	-	32 W
929002485002	TForce Core LED road 26W 730 E27 MV	50 to 60 Hz	26 W
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
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
929003730802	TForce Core LED road 17W 727 E27 MV	-	17 W
929004341202	TForce Core LED road 26W 727 E27 MV	-	26 W
929004341302	TForce Core LED road 26W 730 E27 MV	-	26 W

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929004341402	TForce Core LED road 26W 740 E27 MV	-	26 W
929002485202	TForce Core LED road 40W 730 E40 MV	50 to 60 Hz	40 W
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
929004341102	TForce Core LED road 20W 722 E27 MV	-	20 W
929003775602	TForce Core LED road 45W 727 E40 MV	-	45 W
929003775702	TForce Core LED road 49W 740 E40 MV	-	49 W
929003778802	TForce Core LED road 45W 730 E40 MV	-	45 W

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## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929004341502	TForce Core LED road 32W 722 E40 MV	39.4 °C
929002485002	TForce Core LED road 26W 730 E27 MV	44.55 °C
929002485102	TForce Core LED road 26W 740 E27 MV	44.55 °C
929003730902	TForce Core LED road 26W 727 E27 MV	44.55 °C
929002484802	TForce Core LED road 17W 730 E27 MV	36.8 °C
929002484902	TForce Core LED road 17W 740 E27 MV	36.8 °C
929003730802	TForce Core LED road 17W 727 E27 MV	36.8 °C
929004341202	TForce Core LED road 26W 727 E27 MV	36.6 °C
929004341302	TForce Core LED road 26W 730 E27 MV	36.6 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929004341402	TForce Core LED road 26W 740 E27 MV	36.6 °C
929002485202	TForce Core LED road 40W 730 E40 MV	49 °C
929002485302	TForce Core LED road 40W 740 E40 MV	49 °C
929003731002	TForce Core LED road 40W 727 E40 MV	48.7 °C
929004341102	TForce Core LED road 20W 722 E27 MV	33.2 °C
929003775602	TForce Core LED road 45W 727 E40 MV	41 °C
929003775702	TForce Core LED road 49W 740 E40 MV	45 °C
929003778802	TForce Core LED road 45W 730 E40 MV	41 °C

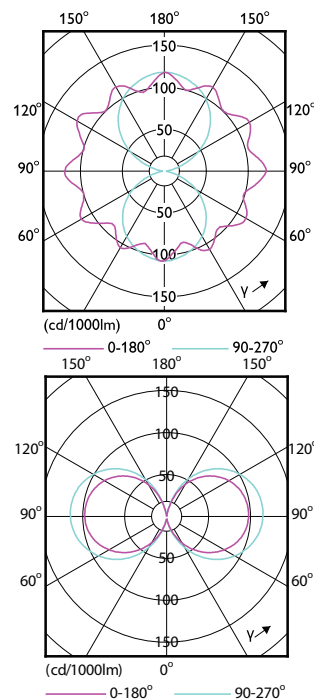
## Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929004341502	TForce Core LED road 32W 722 E40 MV	Tubular
929002485002	TForce Core LED road 26W 730 E27 MV	T-shape
929002485102	TForce Core LED road 26W 740 E27 MV	T-shape
929003730902	TForce Core LED road 26W 727 E27 MV	T38
929002484802	TForce Core LED road 17W 730 E27 MV	Tubular
929002484902	TForce Core LED road 17W 740 E27 MV	Tubular
929003730802	TForce Core LED road 17W 727 E27 MV	Tubular
929004341202	TForce Core LED road 26W 727 E27 MV	Tubular
929004341302	TForce Core LED road 26W 730 E27 MV	Tubular

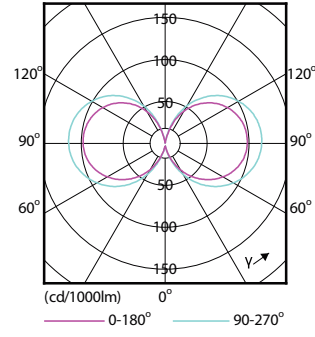
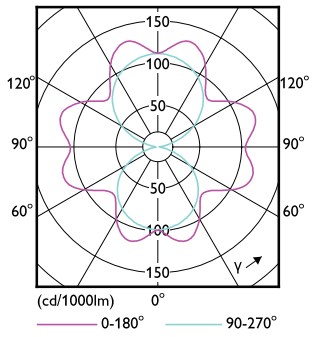
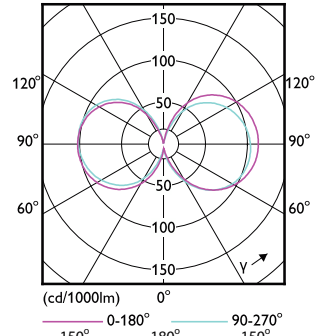
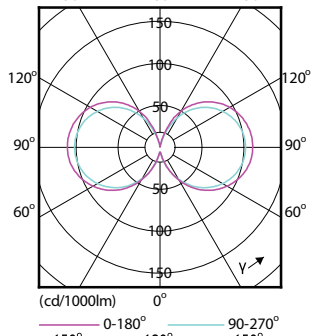
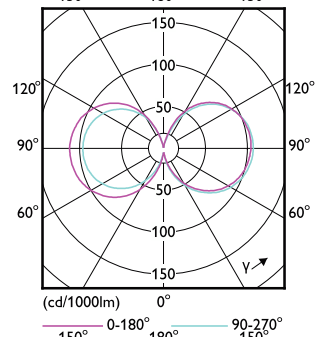
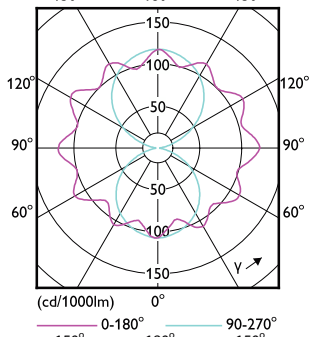
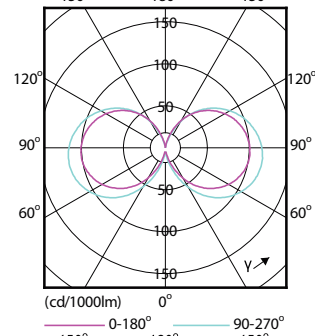
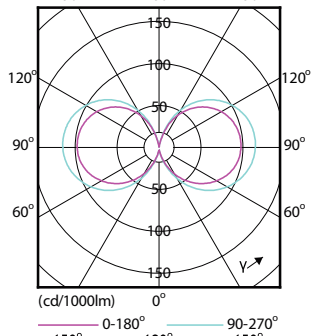
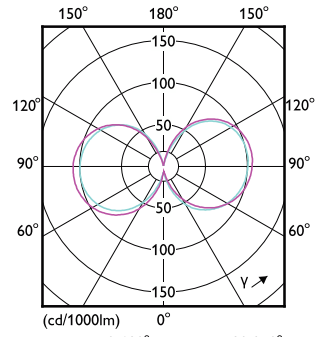
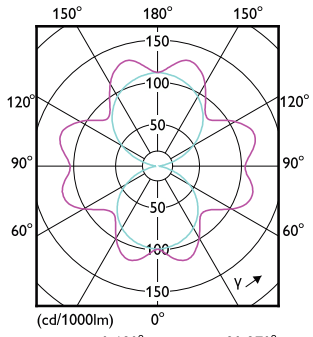
Order Code	Full Product Name	Bulb Shape
929004341402	TForce Core LED road 26W 740 E27 MV	Tubular
929002485202	TForce Core LED road 40W 730 E40 MV	Tubular
929002485302	TForce Core LED road 40W 740 E40 MV	Tubular
929003731002	TForce Core LED road 40W 727 E40 MV	Tubular
929004341102	TForce Core LED road 20W 722 E27 MV	Tubular
929003775602	TForce Core LED road 45W 727 E40 MV	Tubular
929003775702	TForce Core LED road 49W 740 E40 MV	Tubular
929003778802	TForce Core LED road 45W 730 E40 MV	Tubular

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
929004341502	TForce Core LED road 32W 722 E40 MV	32 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
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
929004341202	TForce Core LED road 26W 727 E27 MV	26 kWh
929004341302	TForce Core LED road 26W 730 E27 MV	26 kWh
929004341402	TForce Core LED road 26W 740 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
929004341102	TForce Core LED road 20W 722 E27 MV	20 kWh
929003775602	TForce Core LED road 45W 727 E40 MV	45 kWh
929003775702	TForce Core LED road 49W 740 E40 MV	49 kWh
929003778802	TForce Core LED road 45W 730 E40 MV	45 kWh



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