



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 50,000hrs
- Right lamp size and lighting distribution for direct retrofit
- 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

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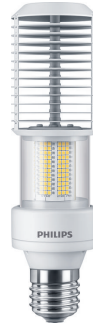
Versions



Trueforce E27 Others Clear



E27 Others Clear

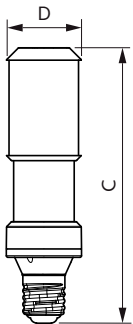
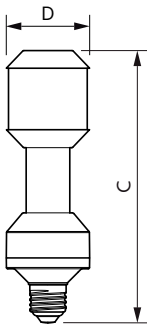


E40 Others Clear



E40 Others Clear

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
TrueForce LED Road 35W E27 740 MV	61 mm	200 mm
TrueForce LED Road 35W E27 765 MV	61 mm	200 mm
TrueForce LED Road 35W E27 730 MV	61 mm	200 mm
TrueForce LED Road 25W E27 740 MV	61 mm	200 mm
TrueForce LED Road 25W E27 730 MV	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 Road 55W E40 740 MV	71 mm	262 mm
TrueForce LED Road 55W E40 765 MV	71 mm	262 mm
TrueForce LED Road 55W E40 730 MV	71 mm	262 mm
TrueForce LED Road 68W E40 765 MV	71 mm	262 mm
TrueForce LED Road 68W E40 730 MV	71 mm	262 mm
TrueForce LED Road 68W E40 740 MV	71 mm	262 mm

TrueForce LED Public (Road – SON)

Controls and Dimming	
Dimmable	No
Operating and Electrical	
Starting Time (Nom)	0.5 s
General Information	
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light Technical	
Color Rendering Index (Nom)	70
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Finish	Clear

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
929001898402	TrueForce LED Road 55-35W E27 730	35 kWh
929001898502	TrueForce LED Road 60-35W E27 740	35 kWh
929002068508	TrueForce LED Road 35W E27 740 MV	35 kWh
929002068608	TrueForce LED Road 35W E27 765 MV	35 kWh
929002221708	TrueForce LED Road 35W E27 730 MV	35 kWh
929003041408	TrueForce LED Road 25W E27 730 MV	25 kWh
929003041508	TrueForce LED Road 25W E27 740 MV	25 kWh
929001999402	TrueForce LED Road 40-25W E27 730	25 kWh
929001999502	TrueForce LED Road 42-25W E27 740	25 kWh
929002007402	TrueForce LED Road 84-55W E40 730	55 kWh

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
929002007502	TrueForce LED Road 90-55W E40 740	55 kWh
929002068708	TrueForce LED Road 55W E40 740 MV	55 kWh
929002068808	TrueForce LED Road 55W E40 765 MV	55 kWh
929002221608	TrueForce LED Road 55W E40 730 MV	55 kWh
929002007602	TrueForce LED Road 112-68W E40 730	68 kWh
929002007702	TrueForce LED Road 120-68W E40 740	68 kWh
929002277608	TrueForce LED Road 68W E40 730 MV	68 kWh
929002277708	TrueForce LED Road 68W E40 740 MV	68 kWh
929002277808	TrueForce LED Road 68W E40 765 MV	68 kWh

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated)
929001898402	TrueForce LED Road 55-35W E27 730	50 Hz	70-80 V	70 W	35 W
929001898502	TrueForce LED Road 60-35W E27 740	50 Hz	70-80 V	70 W	35 W
929002068508	TrueForce LED Road 35W E27 740 MV	50 to 60 Hz	100-277 V	70 W	35 W
929002068608	TrueForce LED Road 35W E27 765 MV	50 to 60 Hz	100-277 V	70 W	35 W

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated)
929002221708	TrueForce LED Road 35W E27 730 MV	50 to 60 Hz	100-277 V	70 W	35 W
929003041408	TrueForce LED Road 25W E27 730 MV	50 to 60 Hz	100-277 V	50 W	25 W
929003041508	TrueForce LED Road 25W E27 740 MV	50 to 60 Hz	100-277 V	50 W	25 W
929001999402	TrueForce LED Road 40-25W E27 730	50 Hz	50-60 V	50 W	25 W

TrueForce LED Public (Road – SON)

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001999502	TrueForce LED Road 42-25W E27 740	50 Hz	50-60 V	50 W	25 W
929002007402	TrueForce LED Road 84-55W E40 730	50 Hz	88-98 V	100 W	55 W
929002007502	TrueForce LED Road 90-55W E40 740	50 Hz	88-98 V	100 W	55 W
929002068708	TrueForce LED Road 55W E40 740 MV	50 to 60 Hz	100-277 V	100 W	55 W
929002068808	TrueForce LED Road 55W E40 765 MV	50 to 60 Hz	100-277 V	100 W	55 W
929002221608	TrueForce LED Road 55W E40 730 MV	50 to 60 Hz	100-277 V	100 W	55 W

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929002007602	TrueForce LED Road 112-68W E40 730	50 Hz	80-90 V	-	68 W
929002007702	TrueForce LED Road 120-68W E40 740	50 Hz	80-90 V	-	68 W
929002277608	TrueForce LED Road 68W E40 730 MV	50 to 60 Hz	120-277 V	150 W	68 W
929002277708	TrueForce LED Road 68W E40 740 MV	50 to 60 Hz	120-277 V	150 W	68 W
929002277808	TrueForce LED Road 68W E40 765 MV	50 to 60 Hz	120-277 V	150 W	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
929002068508	TrueForce LED Road 35W E27 740 MV	E27
929002068608	TrueForce LED Road 35W E27 765 MV	E27
929002221708	TrueForce LED Road 35W E27 730 MV	E27
929003041408	TrueForce LED Road 25W E27 730 MV	E27
929003041508	TrueForce LED Road 25W E27 740 MV	E27
929001999402	TrueForce LED Road 40-25W E27 730	E27
929001999502	TrueForce LED Road 42-25W E27 740	E27
929002007402	TrueForce LED Road 84-55W E40 730	E40

Order Code	Full Product Name	Cap-Base
929002007502	TrueForce LED Road 90-55W E40 740	E40
929002068708	TrueForce LED Road 55W E40 740 MV	E40
929002068808	TrueForce LED Road 55W E40 765 MV	E40
929002221608	TrueForce LED Road 55W E40 730 MV	E40
929002007602	TrueForce LED Road 112-68W E40 730	E40
929002007702	TrueForce LED Road 120-68W E40 740	E40
929002277608	TrueForce LED Road 68W E40 730 MV	E40
929002277708	TrueForce LED Road 68W E40 740 MV	E40
929002277808	TrueForce LED Road 68W E40 765 MV	E40

Light Technical

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929001898402	TrueForce LED Road 55-35W E27 730	730	3000 K	5500 lm
929001898502	TrueForce LED Road 60-35W E27 740	740	4000 K	6000 lm
929002068508	TrueForce LED Road 35W E27 740 MV	740	4000 K	6000 lm
929002068608	TrueForce LED Road 35W E27 765 MV	765	6500 K	6000 lm
929002221708	TrueForce LED Road 35W E27 730 MV	730	3000 K	5500 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929003041408	TrueForce LED Road 25W E27 730 MV	730	3000 K	4000 lm
929003041508	TrueForce LED Road 25W E27 740 MV	740	4000 K	4200 lm
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

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Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929002007502	TrueForce LED Road 90-55W E40 740	740	4000 K	9000 lm
929002068708	TrueForce LED Road 55W E40 740 MV	740	4000 K	9000 lm
929002068808	TrueForce LED Road 55W E40 765 MV	765	6500 K	9000 lm
929002221608	TrueForce LED Road 55W E40 730 MV	730	3000 K	8400 lm
929002007602	TrueForce LED Road 112-68W E40 730	730	3000 K	11200 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929002007702	TrueForce LED Road 120-68W E40 740	740	4000 K	12000 lm
929002277608	TrueForce LED Road 68W E40 730 MV	730	3000 K	11200 lm
929002277708	TrueForce LED Road 68W E40 740 MV	740	4000 K	12000 lm
929002277808	TrueForce LED Road 68W E40 765 MV	765	6500 K	12000 lm

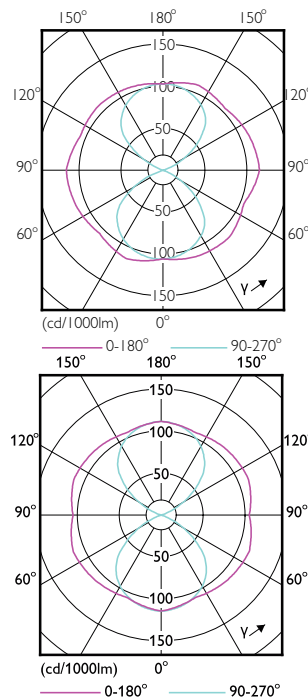
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929001898402	TrueForce LED Road 55-35W E27 730	Others
929001898502	TrueForce LED Road 60-35W E27 740	Others
929002068508	TrueForce LED Road 35W E27 740 MV	Others
929002068608	TrueForce LED Road 35W E27 765 MV	Others
929002221708	TrueForce LED Road 35W E27 730 MV	Others
929003041408	TrueForce LED Road 25W E27 730 MV	T-shape
929003041508	TrueForce LED Road 25W E27 740 MV	T-shape
929001999402	TrueForce LED Road 40-25W E27 730	Others
929001999502	TrueForce LED Road 42-25W E27 740	Others
929002007402	TrueForce LED Road 84-55W E40 730	Others

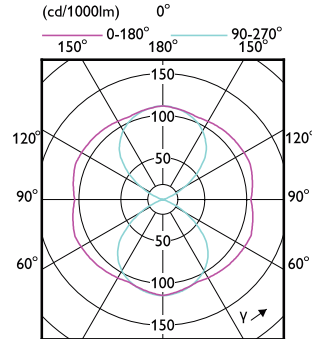
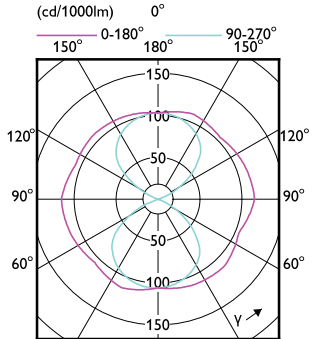
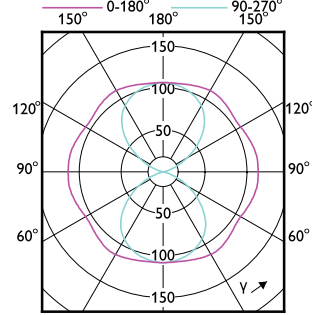
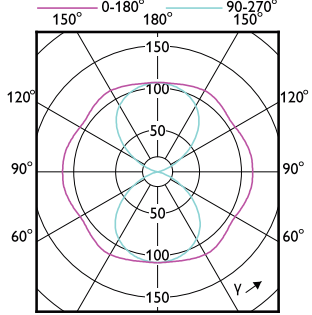
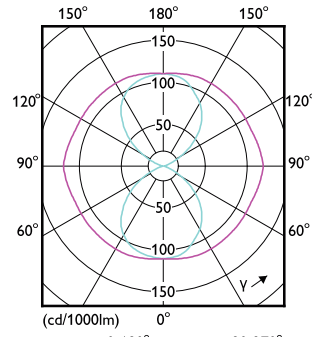
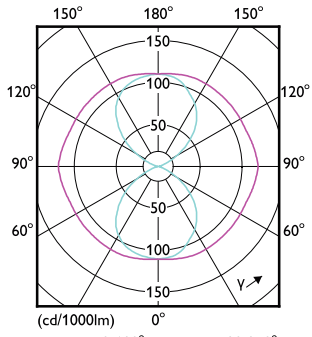
Order Code	Full Product Name	Bulb Shape
929002007502	TrueForce LED Road 90-55W E40 740	Others
929002068708	TrueForce LED Road 55W E40 740 MV	Others
929002068808	TrueForce LED Road 55W E40 765 MV	Others
929002221608	TrueForce LED Road 55W E40 730 MV	Others
929002007602	TrueForce LED Road 112-68W E40 730	Others
929002007702	TrueForce LED Road 120-68W E40 740	Others
929002277608	TrueForce LED Road 68W E40 730 MV	T-shape
929002277708	TrueForce LED Road 68W E40 740 MV	T-shape
929002277808	TrueForce LED Road 68W E40 765 MV	T-shape

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
929002068508	TrueForce LED Road 35W E27 740 MV	95 °C
929002068608	TrueForce LED Road 35W E27 765 MV	95 °C
929002221708	TrueForce LED Road 35W E27 730 MV	95 °C
929003041408	TrueForce LED Road 25W E27 730 MV	45 °C
929003041508	TrueForce LED Road 25W E27 740 MV	45 °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
929002068708	TrueForce LED Road 55W E40 740 MV	97 °C
929002068808	TrueForce LED Road 55W E40 765 MV	97 °C
929002221608	TrueForce LED Road 55W E40 730 MV	97 °C
929002007602	TrueForce LED Road 112-68W E40 730	103 °C
929002007702	TrueForce LED Road 120-68W E40 740	103 °C
929002277608	TrueForce LED Road 68W E40 730 MV	60 °C
929002277708	TrueForce LED Road 68W E40 740 MV	60 °C
929002277808	TrueForce LED Road 68W E40 765 MV	60 °C



TrueForce LED Public (Road – SON)



(cd/1000lm) 0° 150° 0-180° 180° 90-270° 150°

(cd/1000lm) 0° 150° 0-180° 180° 90-270° 150°

