



The best LED replacement for HID and SON road lamps with MASTER - LED HID SON-T

MASTER - LED HID SON-T

Philips MASTER - LED HID SON-T lamps are an easy LED solution with a short payback period to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. MASTER - LED HID SON-T solutions bring the energy efficiency and long lifetime benefits of LED to HID replacement, providing instant savings for a low initial investment. With the right lamp size and light distribution, you can easily retrofit MASTER - LED HID SON-T lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast (for IF replacements) or reflector.

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

MASTER - LED HID SON-T

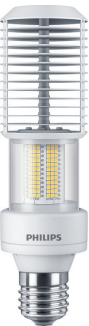
Application

- 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



LEDTrueForce E40 55W

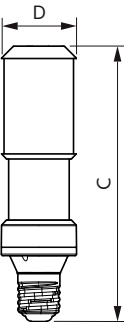


LED Trueforce LED Road 58-35W
E27 others Clear 730 ND



LEDTrueForce E40 68W

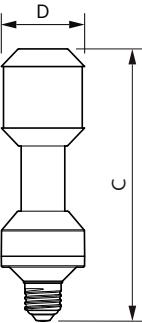
Dimensional drawing



Product	D	C
TForce LED Road 55W E40 740 MV	71 mm	262 mm
TForce LED Road 68W E40 740 MV	71 mm	262 mm

MASTER - LED HID SON-T

Dimensional drawing



Product	D	C
MAS LED SON-T EM 6Klm 34W 740 E27	61 mm	200 mm

General Information	
Switching Cycle	50,000
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Color Code	740
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929002068708	TForce LED Road 55W E40 740 MV	E40	50,000 hour(s)
929003468218	MAS LED SON-T EM 6Klm 34W 740 E27	E27	70,000 hour(s)
929002277708	TForce LED Road 68W E40 740 MV	E40	50,000 hour(s)

Light Technical

Order Code	Full Product Name	Luminous Flux
929002068708	TForce LED Road 55W E40 740 MV	9,000 lm
929003468218	MAS LED SON-T EM 6Klm 34W 740 E27	6,000 lm

Order Code	Full Product Name	Luminous Flux
929002277708	TForce LED Road 68W E40 740 MV	12,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002068708	TForce LED Road 55W E40 740 MV	55 W
929003468218	MAS LED SON-T EM 6Klm 34W 740 E27	34 W

Order Code	Full Product Name	Power Consumption
929002277708	TForce LED Road 68W E40 740 MV	68 W

Temperature

MASTER - LED HID SON-T

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002068708	TForce LED Road 55W E40 740 MV	-	97 °C
929003468218	MAS LED SON-T EM 6Klm 34W 740 E27	-30 to +45 °C	59 °C

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002277708	TForce LED Road 68W E40 740 MV	-	60 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929002068708	TForce LED Road 55W E40 740 MV	Others
929003468218	MAS LED SON-T EM 6Klm 34W 740 E27	T60

Order Code	Full Product Name	Bulb Shape
929002277708	TForce LED Road 68W E40 740 MV	T-shape

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002068708	TForce LED Road 55W E40 740 MV	55 kWh
929003468218	MAS LED SON-T EM 6Klm 34W 740 E27	34 kWh
929002277708	TForce LED Road 68W E40 740 MV	68 kWh

