



# A substituição de LED económica para as lâmpadas de via pública HID e SON com MASTER - LED HID SON-T

## Trueforce Core LED SON-T

As novas lâmpadas Trueforce Core LED SON-T da Philips oferecem-lhe uma solução LED de retorno de investimento fácil e rápido para substituir as lâmpadas de descarga de alta intensidade (HID). Esta nova geração de produtos oferece todos os benefícios de eficiência energética e vida útil longa do LED na substituição das lâmpadas HID, possibilitando poupanças imediatas com um baixo investimento inicial. Além disso, foram concebidas para terem o mesmo tamanho de lâmpada e distribuição de luz que as outras lâmpadas HID, pelo que nunca irá notar a diferença. Tudo graças à nossa tecnologia de filamento LED de alta potência. Além disso, o seu design IP65 exclusivo permite a sua utilização para aplicações no exterior.

### Benefícios

- Lâmpadas com poupança de custos e rápido retorno do investimento
- Investimento inicial reduzido
- Forma fácil de melhorar a qualidade da iluminação

# Trueforce Core LED SON-T

## Características

- Lâmpadas de alta eficiência energética
- Longa vida útil de 25.000 horas
- Proteção contra sobretensão 2KV
- Luz branca agradável com IRC 70
- Luz omnidirecional em torno da lâmpada
- Poupança adicional de energia através da ligação direta à rede elétrica
- Produto IP65 (tomadas com classificação IP necessárias para aplicação de exterior)

## Aplicação

- Estradas e ruas
- Túneis
- Garagens

## Avisos e Segurança

- Consulte o guia de instalação ou consulte um representante da Philips Iluminação para obter o diagrama de cablagem e as instruções.

## Versions

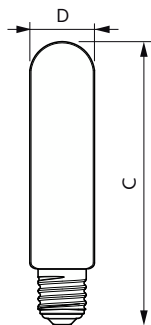


LED TForce Core road 32W 722 E40 MV



LED TForce Core road 20W 722 E27 MV

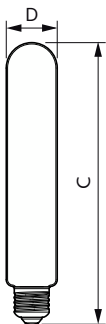
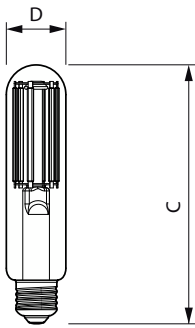
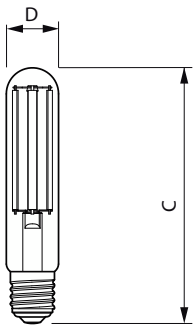
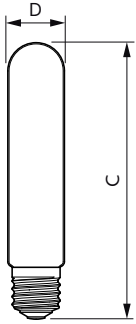
## Desenho dimensional



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

# Trueforce Core LED SON-T

## Desenho dimensional



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

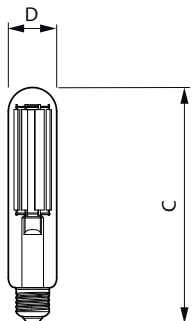
Product	D	C
TForce Core LED road 32W 722 E40 MV	47 mm	229 mm

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

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

# Trueforce Core LED SON-T

## Desenho dimensional



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

### Informações gerais

Vida útil nominal	25.000 h
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### Caraterísticas técnicas da luz

Índice de Restituição Cromática (IRC)	70
LLMF no final da vida útil nominal (Nom.)	70 %

### Funcionamento e caraterísticas elétricas

Frequência de entrada	50 a 60 Hz
Tempo de arranque (Nom.)	0,5 s

### Controlos e regulação

Regulável	Não
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### Características mecânicas e compartimento

Acabamento da lâmpada	Transparente
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### Aprovação e aplicação

Intervalo de temperatura ambiente	-30 a +45 °C
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### Informações gerais

Order Code	Full Product Name	Casquilho	Ciclo de comutação
12940600	TForce Core LED road 32W 722 E40 MV	E40	50.000
31629400	TForce Core LED road 26W 730 E27 MV	E27	15.000
31631700	TForce Core LED road 26W 740 E27 MV	E27	15.000
26773200	TForce Core LED road 26W 727 E27 MV	E27	50.000
31625600	TForce Core LED road 17W 730 E27 MV	E27	50.000
31627000	TForce Core LED road 17W 740 E27 MV	E27	50.000
26771800	TForce Core LED road 17W 727 E27 MV	E27	50.000
12934500	TForce Core LED road 26W 727 E27 MV	E27	50.000
12936900	TForce Core LED road 26W 730 E27 MV	E27	50.000
31633100	TForce Core LED road 40W 730 E40 MV	E40	50.000
31635500	TForce Core LED road 40W 740 E40 MV	E40	50.000
26775600	TForce Core LED road 40W 727 E40 MV	E40	50.000
12932100	TForce Core LED road 20W 722 E27 MV	E27	50.000
29743200	TForce Core LED road 45W 727 E40 MV	E40	50.000
29745600	TForce Core LED road 49W 740 E40 MV	E40	50.000
29747000	TForce Core LED road 45W 730 E40 MV	E40	50.000

## Caraterísticas técnicas da luz

Order Code	Full Product Name	Ângulo do feixe (Nom.)	Temperatura de cor correlacionada (Nom.)	Código da cor	Fluxo Luminoso
12940600	TForce Core LED road 32W 722 E40 MV	300 °	2200 K	2200	5.200 lm
31629400	TForce Core LED road 26W 730 E27 MV	330 °	3000 K	730	4.200 lm
31631700	TForce Core LED road 26W 740 E27 MV	330 °	4000 K	740	4.500 lm

Order Code	Full Product Name	Ângulo do feixe (Nom.)	Temperatura de cor correlacionada (Nom.)	Código da cor	Fluxo Luminoso
26773200	TForce Core LED road 26W 727 E27 MV	330 °	2700 K	727	4.000 lm
31625600	TForce Core LED road 17W 730 E27 MV	330 °	3000 K	730	2.800 lm
31627000	TForce Core LED road 17W 740 E27 MV	330 °	4000 K	740	3.000 lm

## Trueforce Core LED SON-T

Order Code	Full Product Name	Ângulo do feixe (Nom.)	Temperatura de cor		
			cor correlacionada (Nom.)	Código da cor	Fluxo Luminoso
26771800	TForce Core LED road 17W 727 E27 MV	330 °	2700 K	727	2.700 lm
12934500	TForce Core LED road 26W 727 E27 MV	300 °	2700 K	727	4.000 lm
12936900	TForce Core LED road 26W 730 E27 MV	300 °	3000 K	730	4.200 lm
31633100	TForce Core LED road 40W 730 E40 MV	330 °	3000 K	730	7.200 lm
31635500	TForce Core LED road 40W 740 E40 MV	330 °	4000 K	740	7.500 lm

Order Code	Full Product Name	Ângulo do feixe (Nom.)	Temperatura de cor		
			cor correlacionada (Nom.)	Código da cor	Fluxo Luminoso
26775600	TForce Core LED road 40W 727 E40 MV	330 °	2700 K	727	6.500 lm
12932100	TForce Core LED road 20W 722 E27 MV	300 °	2200 K	2200	3.200 lm
29743200	TForce Core LED road 45W 727 E40 MV	330 °	2700 K	727	8.800 lm
29745600	TForce Core LED road 49W 740 E40 MV	330 °	4000 K	740	10.000 lm
29747000	TForce Core LED road 45W 730 E40 MV	330 °	3000 K	730	8.800 lm

### Funcionamento e características elétricas

Order Code	Full Product Name	Frequência de linha	Consumo de Energia
12940600	TForce Core LED road 32W 722 E40 MV	-	32 W
31629400	TForce Core LED road 26W 730 E27 MV	50 to 60 Hz	26 W
31631700	TForce Core LED road 26W 740 E27 MV	50 to 60 Hz	26 W
26773200	TForce Core LED road 26W 727 E27 MV	-	26 W
31625600	TForce Core LED road 17W 730 E27 MV	50 to 60 Hz	17 W
31627000	TForce Core LED road 17W 740 E27 MV	50 to 60 Hz	17 W
26771800	TForce Core LED road 17W 727 E27 MV	-	17 W
12934500	TForce Core LED road 26W 727 E27 MV	-	26 W

Order Code	Full Product Name	Frequência de linha	Consumo de Energia
12936900	TForce Core LED road 26W 730 E27 MV	-	26 W
31633100	TForce Core LED road 40W 730 E40 MV	50 to 60 Hz	40 W
31635500	TForce Core LED road 40W 740 E40 MV	50 to 60 Hz	40 W
26775600	TForce Core LED road 40W 727 E40 MV	-	40 W
12932100	TForce Core LED road 20W 722 E27 MV	-	20 W
29743200	TForce Core LED road 45W 727 E40 MV	-	45 W
29745600	TForce Core LED road 49W 740 E40 MV	-	49 W
29747000	TForce Core LED road 45W 730 E40 MV	-	45 W

### Temperatura

Order Code	Full Product Name	T-máxima na caixa (Nom)
12940600	TForce Core LED road 32W 722 E40 MV	39,4 °C
31629400	TForce Core LED road 26W 730 E27 MV	44,55 °C
31631700	TForce Core LED road 26W 740 E27 MV	44,55 °C
26773200	TForce Core LED road 26W 727 E27 MV	44,55 °C
31625600	TForce Core LED road 17W 730 E27 MV	36,8 °C
31627000	TForce Core LED road 17W 740 E27 MV	36,8 °C
26771800	TForce Core LED road 17W 727 E27 MV	36,8 °C
12934500	TForce Core LED road 26W 727 E27 MV	36,6 °C

Order Code	Full Product Name	T-máxima na caixa (Nom)
12936900	TForce Core LED road 26W 730 E27 MV	36,6 °C
31633100	TForce Core LED road 40W 730 E40 MV	49 °C
31635500	TForce Core LED road 40W 740 E40 MV	49 °C
26775600	TForce Core LED road 40W 727 E40 MV	48,7 °C
12932100	TForce Core LED road 20W 722 E27 MV	33,2 °C
29743200	TForce Core LED road 45W 727 E40 MV	41 °C
29745600	TForce Core LED road 49W 740 E40 MV	45 °C
29747000	TForce Core LED road 45W 730 E40 MV	41 °C

# Trueforce Core LED SON-T

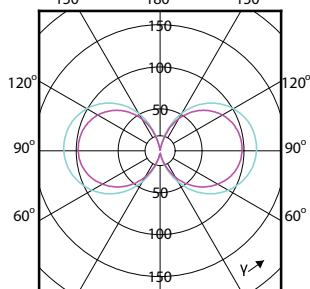
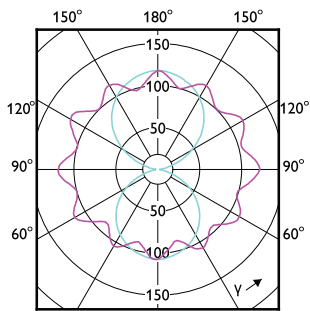
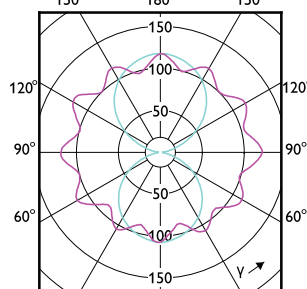
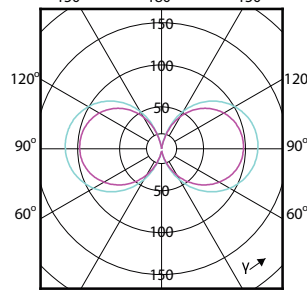
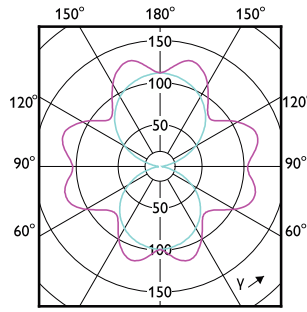
## Características mecânicas e compartimento

Order Code	Full Product Name	Formato da lâmpada
12940600	TForce Core LED road 32W 722 E40 MV	Tubular
31629400	TForce Core LED road 26W 730 E27 MV	Em forma de T
31631700	TForce Core LED road 26W 740 E27 MV	Em forma de T
26773200	TForce Core LED road 26W 727 E27 MV	T38
31625600	TForce Core LED road 17W 730 E27 MV	Tubular
31627000	TForce Core LED road 17W 740 E27 MV	Tubular
26771800	TForce Core LED road 17W 727 E27 MV	Tubular
12934500	TForce Core LED road 26W 727 E27 MV	Tubular

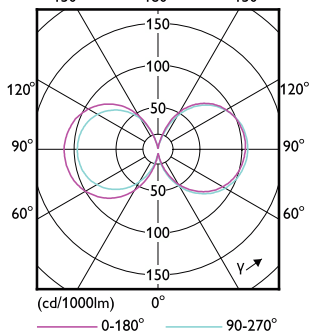
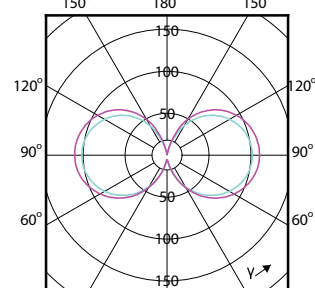
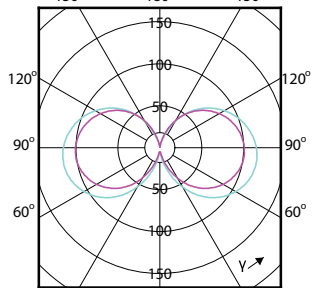
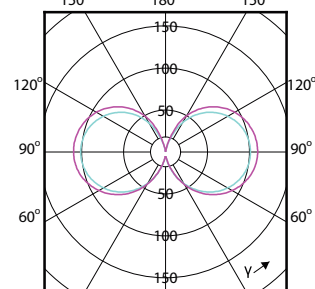
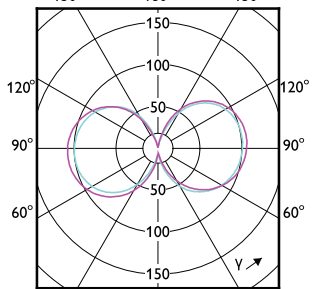
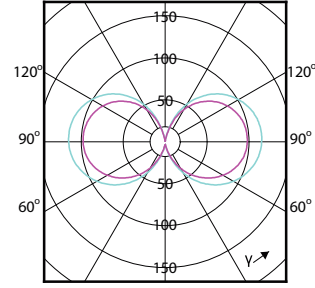
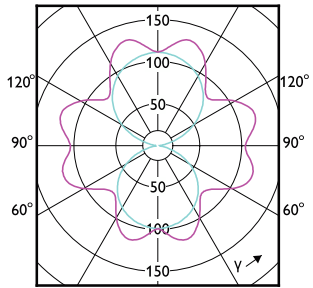
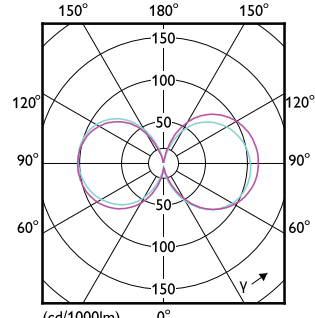
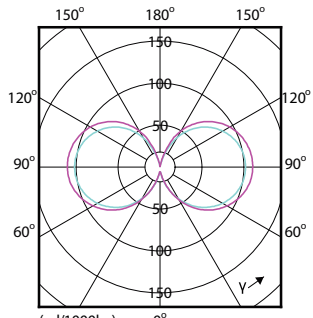
Order Code	Full Product Name	Formato da lâmpada
12936900	TForce Core LED road 26W 730 E27 MV	Tubular
31633100	TForce Core LED road 40W 730 E40 MV	Tubular
31635500	TForce Core LED road 40W 740 E40 MV	Tubular
26775600	TForce Core LED road 40W 727 E40 MV	Tubular
12932100	TForce Core LED road 20W 722 E27 MV	Tubular
29743200	TForce Core LED road 45W 727 E40 MV	Tubular
29745600	TForce Core LED road 49W 740 E40 MV	Tubular
29747000	TForce Core LED road 45W 730 E40 MV	Tubular

## Aprovação e aplicação

Order Code	Full Product Name	Consumo de energia kWh/1000 h
12940600	TForce Core LED road 32W 722 E40 MV	32 kWh
31629400	TForce Core LED road 26W 730 E27 MV	26 kWh
31631700	TForce Core LED road 26W 740 E27 MV	26 kWh
26773200	TForce Core LED road 26W 727 E27 MV	26 kWh
31625600	TForce Core LED road 17W 730 E27 MV	17 kWh
31627000	TForce Core LED road 17W 740 E27 MV	17 kWh
26771800	TForce Core LED road 17W 727 E27 MV	17 kWh
12934500	TForce Core LED road 26W 727 E27 MV	26 kWh
12936900	TForce Core LED road 26W 730 E27 MV	26 kWh
31633100	TForce Core LED road 40W 730 E40 MV	40 kWh
31635500	TForce Core LED road 40W 740 E40 MV	40 kWh
26775600	TForce Core LED road 40W 727 E40 MV	40 kWh
12932100	TForce Core LED road 20W 722 E27 MV	20 kWh
29743200	TForce Core LED road 45W 727 E40 MV	45 kWh
29745600	TForce Core LED road 49W 740 E40 MV	49 kWh
29747000	TForce Core LED road 45W 730 E40 MV	45 kWh



# Trueforce Core LED SON-T



## Trueforce Core LED SON-T

