



TrueForce LED Public (Road – SON)

TrueForce LED Road 68W E40 765 MV

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.

Product data

General Information		Power (Rated) (Nom)	
Cap base	E40 [E40]		68 W
EU RoHS compliant	Yes	Lamp current (max.)	635 mA
Nominal lifetime (nom.)	50000 h	Lamp current (min.)	290 mA
Switching cycle	50,000X	Wattage equivalent	150 W
Technical type	68-150W	Starting time (nom.)	0.5 s
		Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Colour Code	765 [CCT of 6,500 K]	T-Case maximum (nom.)	60 °C
Luminous flux (nom.)	12000 lm		
Colour designation	Cool Daylight	Controls and Dimming	
Correlated Colour Temperature (Nom)	6500 K	Dimmable	No
Luminous efficacy (rated) (nom.)	176.00 lm/W		
Colour consistency	<6	Mechanical and Housing	
Colour rendering index (nom.)	70	Lamp Finish	Clear
LLMF at end of nominal lifetime (nom.)	70 %		
Operating and Electrical			
Input frequency	50 to 60 Hz		

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Approval and Application

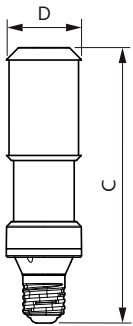
Energy efficiency label (EEL)	A++
Energy consumption kWh/1,000 hours	68 kWh

Product Data

Full product code	871869970587900
Order product name	TrueForce LED Road 68W E40 765 MV
EAN/UPC – product	8718699705879

Order code	70587900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002277808
SAP net weight (piece)	0.586 kg

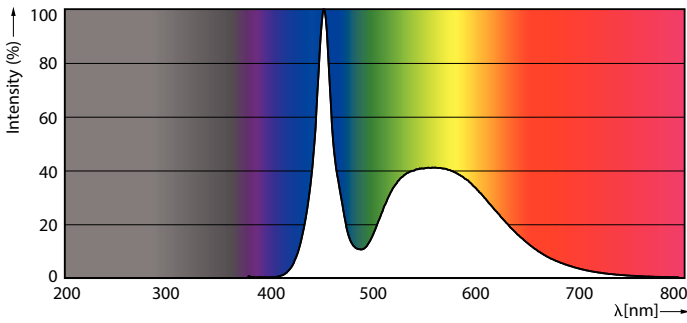
Dimensional drawing



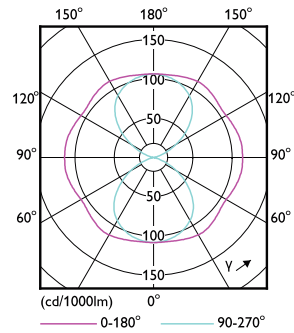
TForce LED Road 120-68W E40 765 MV

Product	D	C
TrueForce LED Road 68W E40 765 MV	71 mm	262 mm

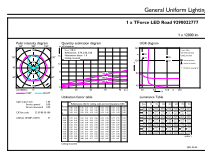
Photometric data



LEDTForce Road 68W Tshape E40 765



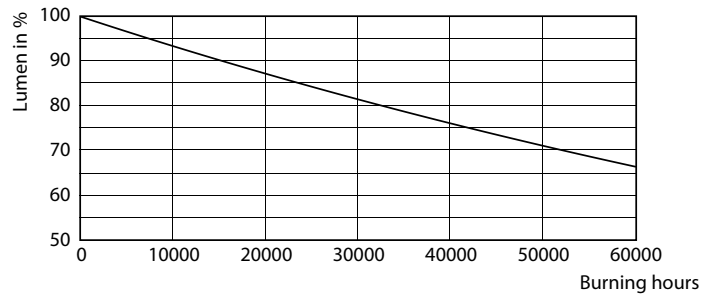
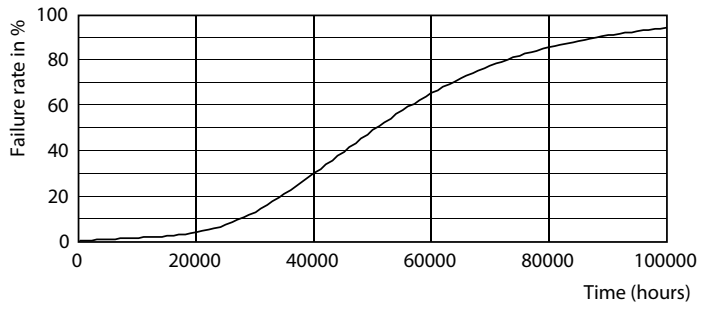
LEDTForce Road 68W Tshape E40



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Lifetime



50K

50K

