



Cost-efficient alternative to easily upgrade urban lighting to LED

LED Urban TrueForce Lamps

Philips TrueForce LED high lumen post top lamp makes it easy to upgrade to long lasting, energy saving LED technology without sacrificing your site's unique outdoor character. Philips TrueForce is a direct replacement option which ensures a perfect fit with existing modern and traditional luminaires. We claim true replacement when comparing flux. This post top lamps can be used in enclosed fixtures.

Benefits

- High compatibility – Upto true 150 Watt High Pressure Sodium replacement for Post top applications and, save up to 75% in energy consumption
- Sustainability – low energy consumption when compared to conventional technologies
- 5 year warranty with 50,000 hour life

Features

- Reliable lifetime up to 50,000 hours
- High Energy efficiency
- Right lamp size and lighting distribution for direct retrofit
- Optically efficient, emits light towards usage direction
- Compact size, light in weight

Application

- Public road – streets, paths
- Public urban – parks, squares
- Public area – parking, transportation bus

LED Urban TrueForce Lamps

Versions



Led Trueforce E39 clear

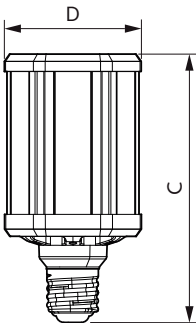
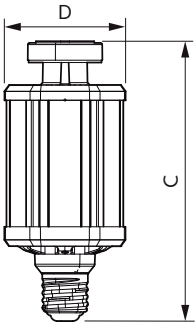
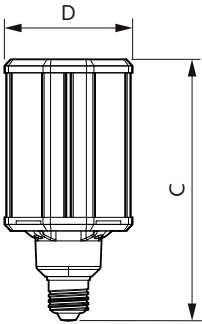


Led Trueforce E26 clear



Led Trueforce E39 clear

Dimensional drawing



Product	D	C
26ED23.5/LED/740/ND 120-277V G2 4/1	84 mm	176 mm
26ED23.5/LED/727/ND 120-277V G2 4/1	84 mm	176 mm
26ED23.5/LED/730/ND 120-277V G2 4/1	84 mm	176 mm

Product	D	C
38ED28/LED/730/ND 120-277V G2 CT 4/1	105 mm	245 mm
38ED28/LED/740/ND 120-277V G2 CT 4/1	105 mm	245 mm
38ED28/LED/727/ND 120-277V G2 CT 4/1	105 mm	245 mm

Product	D	C
55ED28/LED/730/ND 120-277V G2 4/1	105 mm	204 mm
55ED28/LED/727/ND 120-277V G2 4/1	105 mm	204 mm
55ED28/LED/740/ND 120-277V G2 4/1	105 mm	204 mm

LED Urban TrueForce Lamps

Approval and Application

Energy Consumption kWh/1000 h	- kWh
Energy Efficiency Label (EEL)	Not applicable

Controls and Dimming

Dimmable	No
----------	----

Operating and Electrical

Input Frequency	50 to 60 Hz
Voltage (Nom)	120-277 V
Starting Time (Nom)	0.5 s

General Information

Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X

Light Technical

Beam Angle (Nom)	360 °
Color Rendering Index (Nom)	70
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Others

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
473553	38ED28/LED/727/ND 120-277V G2 CT 4/1	100 W	38 W
476044	38ED28/LED/730/ND 120-277V G2 CT 4/1	100 W	38 W
476051	38ED28/LED/740/ND 120-277V G2 CT 4/1	100 W	38 W
473579	26ED23.5/LED/730/ND 120-277V G2 4/1	70 W	26 W
473587	26ED23.5/LED/740/ND 120-277V G2 4/1	70 W	26 W
473595	26ED23.5/LED/727/ND 120-277V G2 4/1	70 W	26 W
473637	55ED28/LED/730/ND 120-277V G2 4/1	150 W	55 W
473645	55ED28/LED/740/ND 120-277V G2 4/1	150 W	55 W
473652	55ED28/LED/727/ND 120-277V G2 4/1	150 W	55 W

General Information

Order Code	Full Product Name	Cap-Base
473553	38ED28/LED/727/ND 120-277V G2 CT 4/1	E39
476044	38ED28/LED/730/ND 120-277V G2 CT 4/1	E39
476051	38ED28/LED/740/ND 120-277V G2 CT 4/1	E39
473579	26ED23.5/LED/730/ND 120-277V G2 4/1	E26
473587	26ED23.5/LED/740/ND 120-277V G2 4/1	E26

Order Code	Full Product Name	Cap-Base
473595	26ED23.5/LED/727/ND 120-277V G2 4/1	E26
473637	55ED28/LED/730/ND 120-277V G2 4/1	E39
473645	55ED28/LED/740/ND 120-277V G2 4/1	E39
473652	55ED28/LED/727/ND 120-277V G2 4/1	E39

Light Technical

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
473553	38ED28/LED/727/ND 120-277V G2 CT 4/1	727	2700 K	4800 lm
476044	38ED28/LED/730/ND 120-277V G2 CT 4/1	730	3000 K	5000 lm
476051	38ED28/LED/740/ND 120-277V G2 CT 4/1	740	4000 K	5000 lm
473579	26ED23.5/LED/730/ND 120-277V G2 4/1	730	3000 K	3000 lm
473587	26ED23.5/LED/740/ND 120-277V G2 4/1	740	4000 K	3000 lm

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
473595	26ED23.5/LED/727/ND 120-277V G2 4/1	727	2700 K	2800 lm
473637	55ED28/LED/730/ND 120-277V G2 4/1	730	3000 K	8000 lm
473645	55ED28/LED/740/ND 120-277V G2 4/1	740	4000 K	8000 lm
473652	55ED28/LED/727/ND 120-277V G2 4/1	727	2700 K	7500 lm

Temperature

LED Urban TrueForce Lamps

Order Code	Full Product Name	T-Case Maximum (Nom)
473553	38ED28/LED/727/ND 120-277V G2 CT 4/1	70 °C
476044	38ED28/LED/730/ND 120-277V G2 CT 4/1	70 °C
476051	38ED28/LED/740/ND 120-277V G2 CT 4/1	70 °C
473579	26ED23.5/LED/730/ND 120-277V G2 4/1	60 °C
473587	26ED23.5/LED/740/ND 120-277V G2 4/1	60 °C
473595	26ED23.5/LED/727/ND 120-277V G2 4/1	60 °C
473637	55ED28/LED/730/ND 120-277V G2 4/1	80 °C
473645	55ED28/LED/740/ND 120-277V G2 4/1	80 °C
473652	55ED28/LED/727/ND 120-277V G2 4/1	80 °C

