



# The best LED solution for Post-Top High Intensity Discharge (HID) lamp replacement with low initial investment

## TrueForce LED Public Mains

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) lamps in Post-Top applications. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.

### Benefits

- Up to 50% energy saving compared with conventional HID systems
- Direct lamp replacement solution without changing the fixture: cost saving with quick payback
- Lower maintenance costs

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## Features

- Direct mains solution: 110-277V
- Long lifetime of 50,000hrs
- High Lumen output, instant on, no flicker, right lamp size and lighting distribution for direct retrofit
- Surge Protection and OTP (over temperature protection)

## Application

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

## Versions

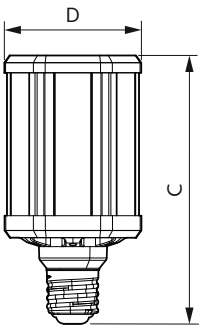
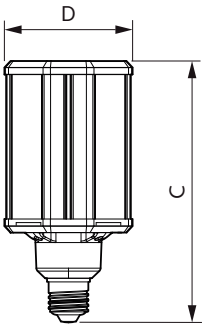


Trueforce E40 others



Trueforce E40 others

## Dimensional drawing



Product	D	C
35ED23.5/LED/740/ND 120-277V E40 G2 4/1	84 mm	195 mm

Product	D	C
55ED28/LED/727/ND 120-277V E40 G2 4/1	105 mm	211 mm

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## Approval and Application

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

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

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

## General Information

Cap-Base	E40
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)
929001818112	35ED23.5/LED/740/ND 120-277V E40 G2 4/1	100 W	35 W
929001818212	55ED28/LED/727/ND 120-277V E40 G2 4/1	150 W	55 W

## Light Technical

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
929001818112	35ED23.5/LED/740/ND 120-277V E40 G2 4/1	740	4000 K	5000 lm

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
929001818212	55ED28/LED/727/ND 120-277V E40 G2 4/1	727	2700 K	7500 lm

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001818112	35ED23.5/LED/740/ND 120-277V E40 G2 4/1	70 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001818212	55ED28/LED/727/ND 120-277V E40 G2 4/1	80 °C

