



# Low initial investment LED solution provides instant saving while retaining your uniqueness

## TrueForce LED Public (Urban/Road – HPS/MH)

Philips TrueForce LED Public Urban lamps provide an easy LED solution with a fast payback to replace High Intensity Discharge (HID) lamps. 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 light distribution, compact lamp size and light weight, customers can easily retrofit TrueForce LED lamps into their existing system, thereby improving the light quality without having to change the fixtures or sacrifice the light effect. NAM Mogul E39 NEMA socket (3-pin ANSI receptacle) version offers connected lighting capability by adding connector node. Each individual light point can be controlled and monitored remotely to enhance flexibility, energy saving and operation efficiency.

### Benefits

- Cost savings ensure a quick payback
- Low initial investment
- Enhanced light quality and easy adoption

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## Features

- High energy efficiency
- Long lifetime 50,000hrs
- Compact size, light in weight
- Up to 10KV surge protection
- NEMA socket (3-pin ANSI receptacle) for connector node installation (Available in NAM Mogul E39 only)

## Application

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

## Versions



E39 ED-28 Clear



Led Trueforce E39 clear

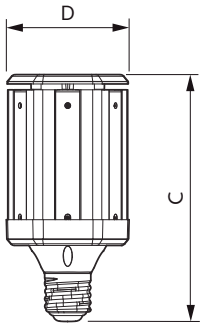


Led Trueforce E26 clear



Led Trueforce E39 clear

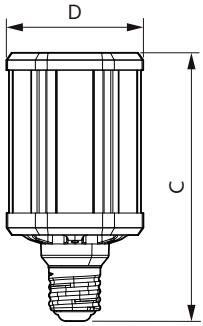
## Dimensional drawing



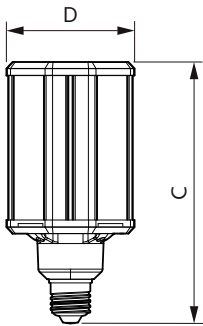
Product	D	C
40ED28/LED/730/ND 120-277V 4/1	105 mm	211 mm
40ED28/LED/727/ND 120-277V 4/1	105 mm	211 mm

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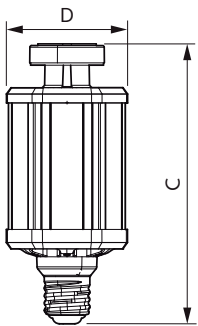
## Dimensional drawing



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



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



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

# TrueForce LED Public (Urban/Road – HPS/MH)

## 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

Nominal Lifetime (Nom)	50000 h
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X

## Light Technical

Color Rendering Index (Nom)	70
Llmf At End Of Nominal Lifetime (Nom)	70 %

## Mechanical and Housing

Bulb Finish	CL
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## Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
463364	40ED28/LED/730/ND 120–277V 4/1	100 W	40 W
466631	40ED28/LED/727/ND 120–277V 4/1	100 W	40 W
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
463364	40ED28/LED/730/ND 120–277V 4/1	E39
466631	40ED28/LED/727/ND 120–277V 4/1	E39
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

Order Code	Full Product Name	Cap-Base
473587	26ED23.5/LED/740/ND 120–277V G2 4/1	E26
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 (1/2)

Order Code	Full Product Name	Beam		Correlated Color	
		Angle (Nom)	Color Code	Temperature (Nom)	Luminous Flux (Nom)
463364	40ED28/LED/730/ND 120–277V 4/1	-	730	3000 K	5000 lm
466631	40ED28/LED/727/ND 120–277V 4/1	-	727	2700 K	5000 lm
473553	38ED28/LED/727/ND 120–277V G2 CT 4/1	360 °	727	2700 K	4800 lm
476044	38ED28/LED/730/ND 120–277V G2 CT 4/1	360 °	730	3000 K	5000 lm
476051	38ED28/LED/740/ND 120–277V G2 CT 4/1	360 °	740	4000 K	5000 lm
473579	26ED23.5/LED/730/ND 120–277V G2 4/1	360 °	730	3000 K	3000 lm

Order Code	Full Product Name	Beam		Correlated Color	
		Angle (Nom)	Color Code	Temperature (Nom)	Luminous Flux (Nom)
473587	26ED23.5/LED/740/ND 120–277V G2 4/1	360 °	740	4000 K	3000 lm
473595	26ED23.5/LED/727/ND 120–277V G2 4/1	360 °	727	2700 K	2800 lm
473637	55ED28/LED/730/ND 120–277V G2 4/1	360 °	730	3000 K	8000 lm
473645	55ED28/LED/740/ND 120–277V G2 4/1	360 °	740	4000 K	8000 lm
473652	55ED28/LED/727/ND 120–277V G2 4/1	360 °	727	2700 K	7500 lm

## Light Technical (2/2)

# TrueForce LED Public (Urban/Road – HPS/MH)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
463364	40ED28/LED/730/ND 120-277V 4/1	5000 lm
466631	40ED28/LED/727/ND 120-277V 4/1	5000 lm
473553	38ED28/LED/727/ND 120-277V G2 CT 4/1	4800 lm
476044	38ED28/LED/730/ND 120-277V G2 CT 4/1	5000 lm
476051	38ED28/LED/740/ND 120-277V G2 CT 4/1	5000 lm
473579	26ED23.5/LED/730/ND 120-277V G2 4/1	3000 lm

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
473587	26ED23.5/LED/740/ND 120-277V G2 4/1	3000 lm
473595	26ED23.5/LED/727/ND 120-277V G2 4/1	2800 lm
473637	55ED28/LED/730/ND 120-277V G2 4/1	8000 lm
473645	55ED28/LED/740/ND 120-277V G2 4/1	8000 lm
473652	55ED28/LED/727/ND 120-277V G2 4/1	7500 lm

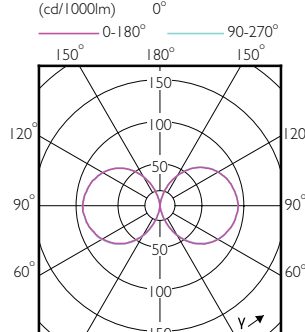
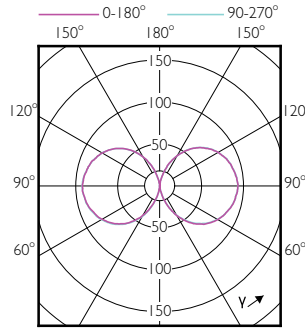
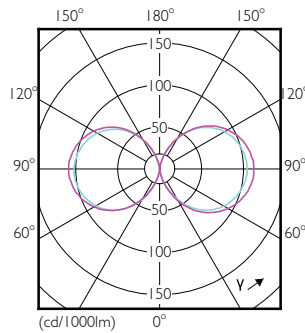
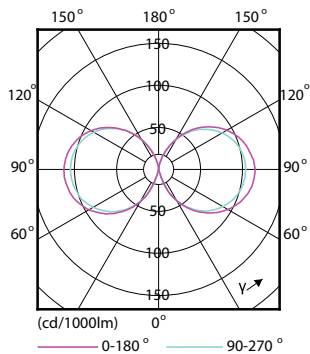
## Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
463364	40ED28/LED/730/ND 120-277V 4/1	ED28
466631	40ED28/LED/727/ND 120-277V 4/1	ED28
473553	38ED28/LED/727/ND 120-277V G2 CT 4/1	Others
476044	38ED28/LED/730/ND 120-277V G2 CT 4/1	Others
476051	38ED28/LED/740/ND 120-277V G2 CT 4/1	Others
473579	26ED23.5/LED/730/ND 120-277V G2 4/1	Others

Order Code	Full Product Name	Bulb Shape
473587	26ED23.5/LED/740/ND 120-277V G2 4/1	Others
473595	26ED23.5/LED/727/ND 120-277V G2 4/1	Others
473637	55ED28/LED/730/ND 120-277V G2 4/1	Others
473645	55ED28/LED/740/ND 120-277V G2 4/1	Others
473652	55ED28/LED/727/ND 120-277V G2 4/1	Others

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
463364	40ED28/LED/730/ND 120-277V 4/1	80 °C
466631	40ED28/LED/727/ND 120-277V 4/1	80 °C
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



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