



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

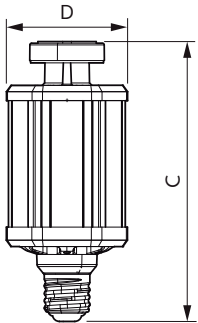


Led Trueforce E26 clear



Led Trueforce E39 clear

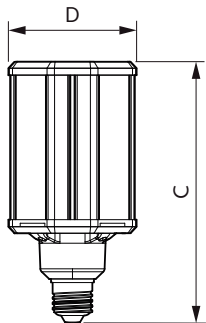
Dimensional drawing



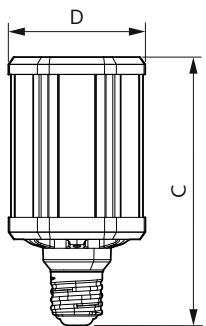
Product	D	C
38ED28/LED/727/ND 120-277V G2 CT 4/1	105 mm	245 mm
38ED28/LED/740/ND 120-277V G2 CT 4/1	105 mm	245 mm
38ED28/LED/730/ND 120-277V G2 CT 4/1	105 mm	245 mm

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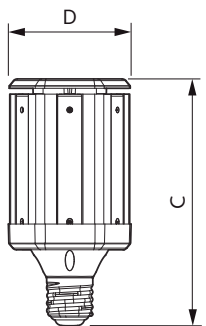
Dimensional drawing



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



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



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

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

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
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X
Light Technical	
Color Rendering Index (Nom)	70
Lmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Finish	Clear

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001226104	40ED28/LED/730/ND 120-277V 4/1	100 W	40 W
929001281004	40ED28/LED/727/ND 120-277V 4/1	100 W	40 W
929001396004	38ED28/LED/727/ND 120-277V G2 CT 4/1	100 W	38 W
929001818404	38ED28/LED/730/ND 120-277V G2 CT 4/1	100 W	38 W
929001818504	38ED28/LED/740/ND 120-277V G2 CT 4/1	100 W	38 W
929001396204	26ED23.5/LED/730/ND 120-277V G2 4/1	70 W	26 W
929001396304	26ED23.5/LED/740/ND 120-277V G2 4/1	70 W	26 W
929001396404	26ED23.5/LED/727/ND 120-277V G2 4/1	70 W	26 W
929001396804	55ED28/LED/730/ND 120-277V G2 4/1	150 W	55 W
929001396904	55ED28/LED/740/ND 120-277V G2 4/1	150 W	55 W
929001397004	55ED28/LED/727/ND 120-277V G2 4/1	150 W	55 W

General Information

Order Code	Full Product Name	Cap-Base
929001226104	40ED28/LED/730/ND 120-277V 4/1	E39
929001281004	40ED28/LED/727/ND 120-277V 4/1	E39
929001396004	38ED28/LED/727/ND 120-277V G2 CT 4/1	E39
929001818404	38ED28/LED/730/ND 120-277V G2 CT 4/1	E39
929001818504	38ED28/LED/740/ND 120-277V G2 CT 4/1	E39
929001396204	26ED23.5/LED/730/ND 120-277V G2 4/1	E26

Order Code	Full Product Name	Cap-Base
929001396304	26ED23.5/LED/740/ND 120-277V G2 4/1	E26
929001396404	26ED23.5/LED/727/ND 120-277V G2 4/1	E26
929001396804	55ED28/LED/730/ND 120-277V G2 4/1	E39
929001396904	55ED28/LED/740/ND 120-277V G2 4/1	E39
929001397004	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)
929001226104	40ED28/LED/730/ND 120-277V 4/1	-	730	3000 K	5000 lm
929001281004	40ED28/LED/727/ND 120-277V 4/1	-	727	2700 K	5000 lm
929001396004	38ED28/LED/727/ND 120-277V G2 CT 4/1	360 °	727	2700 K	4800 lm
929001818404	38ED28/LED/730/ND 120-277V G2 CT 4/1	360 °	730	3000 K	5000 lm
929001818504	38ED28/LED/740/ND 120-277V G2 CT 4/1	360 °	740	4000 K	5000 lm
929001396204	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)
929001396304	26ED23.5/LED/740/ND 120-277V G2 4/1	360 °	740	4000 K	3000 lm
929001396404	26ED23.5/LED/727/ND 120-277V G2 4/1	360 °	727	2700 K	2800 lm
929001396804	55ED28/LED/730/ND 120-277V G2 4/1	360 °	730	3000 K	8000 lm
929001396904	55ED28/LED/740/ND 120-277V G2 4/1	360 °	740	4000 K	8000 lm
929001397004	55ED28/LED/727/ND 120-277V G2 4/1	360 °	727	2700 K	7500 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
929001226104	40ED28/LED/730/ND 120-277V 4/1	5000 lm

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
929001281004	40ED28/LED/727/ND 120-277V 4/1	5000 lm

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Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
929001396004	38ED28/LED/727/ND 120-277V G2 CT 4/1	4800 lm
929001818404	38ED28/LED/730/ND 120-277V G2 CT 4/1	5000 lm
929001818504	38ED28/LED/740/ND 120-277V G2 CT 4/1	5000 lm
929001396204	26ED23.5/LED/730/ND 120-277V G2 4/1	3000 lm
929001396304	26ED23.5/LED/740/ND 120-277V G2 4/1	3000 lm

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
929001396404	26ED23.5/LED/727/ND 120-277V G2 4/1	2800 lm
929001396804	55ED28/LED/730/ND 120-277V G2 4/1	8000 lm
929001396904	55ED28/LED/740/ND 120-277V G2 4/1	8000 lm
929001397004	55ED28/LED/727/ND 120-277V G2 4/1	7500 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929001226104	40ED28/LED/730/ND 120-277V 4/1	ED-28
929001281004	40ED28/LED/727/ND 120-277V 4/1	ED-28
929001396004	38ED28/LED/727/ND 120-277V G2 CT 4/1	Others
929001818404	38ED28/LED/730/ND 120-277V G2 CT 4/1	Others
929001818504	38ED28/LED/740/ND 120-277V G2 CT 4/1	Others
929001396204	26ED23.5/LED/730/ND 120-277V G2 4/1	Others

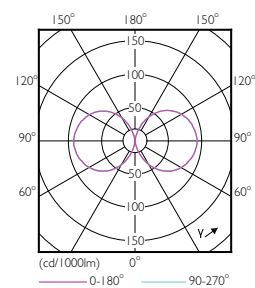
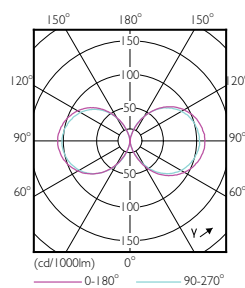
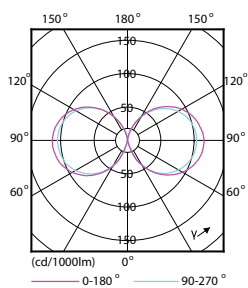
Order Code	Full Product Name	Bulb Shape
929001396304	26ED23.5/LED/740/ND 120-277V G2 4/1	Others
929001396404	26ED23.5/LED/727/ND 120-277V G2 4/1	Others
929001396804	55ED28/LED/730/ND 120-277V G2 4/1	Others
929001396904	55ED28/LED/740/ND 120-277V G2 4/1	Others
929001397004	55ED28/LED/727/ND 120-277V G2 4/1	Others

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001226104	40ED28/LED/730/ND 120-277V 4/1	80 °C
929001281004	40ED28/LED/727/ND 120-277V 4/1	80 °C
929001396004	38ED28/LED/727/ND 120-277V G2 CT 4/1	70 °C
929001818404	38ED28/LED/730/ND 120-277V G2 CT 4/1	70 °C
929001818504	38ED28/LED/740/ND 120-277V G2 CT 4/1	70 °C
929001396204	26ED23.5/LED/730/ND 120-277V G2 4/1	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001396304	26ED23.5/LED/740/ND 120-277V G2 4/1	60 °C
929001396404	26ED23.5/LED/727/ND 120-277V G2 4/1	60 °C
929001396804	55ED28/LED/730/ND 120-277V G2 4/1	80 °C
929001396904	55ED28/LED/740/ND 120-277V G2 4/1	80 °C
929001397004	55ED28/LED/727/ND 120-277V G2 4/1	80 °C

Light Distribution Diagrams



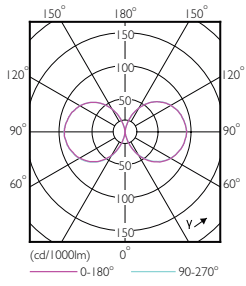
High Intensity 40W E39 ED-28 Clear 3000K

HIB NAM Trueforce 38W E39 Clear 727 36D ND

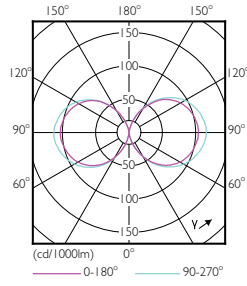
HIB NAM Trueforce 26W E26 Clear 730 36D ND

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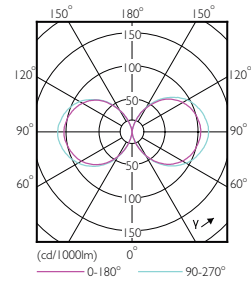
Light Distribution Diagrams



HIB NAM Trueforce 26W E26 Clear 727 36D ND



HIB NAM Trueforce 55W E39 Clear 730 36D ND



HIB NAM Trueforce 55W E39 Clear 727 36D ND

