



The best LED solution for High Intensity Discharge (HID) lamp replacement

TrueForce LED Public (Urban/Road – HPL/SON)

Philips TrueForce LED 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 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

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

Features

- High energy efficiency
- Long lifetime 50,000hrs
- Right lamp size and lighting distribution for direct retrofit
- Light in weight
- Up to 6KV surge protection

Application

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

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Versions



Single Contact Medium Screw
Corncob Clear



Exclusionary Mogul Screw
Corncob Clear



Single Contact Medium Screw
Corncob Clear



Exclusionary Mogul Screw
Corncob Clear

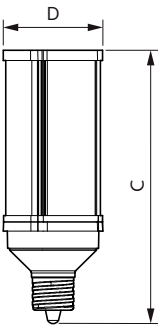


Exclusionary Mogul Screw
Corncob Clear



Exclusionary Mogul Screw
Corncob Clear

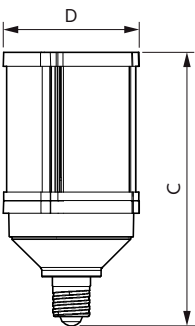
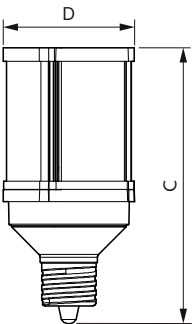
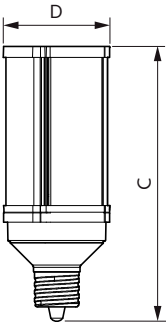
Dimensional drawing



Product	D	C
63CC/LED/840/ND EX39 BB 6/1	96 mm	265 mm
63CC/LED/830/ND EX39 BB 6/1	96 mm	265 mm
63CC/LED/850/ND EX39 BB 6/1	96 mm	265 mm

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Dimensional drawing



Product	D	C
54CC/LED/840/ND EX39 BB 6/1	96 mm	249 mm
54CC/LED/850/ND EX39 BB 6/1	96 mm	249 mm
54CC/LED/830/ND EX39 BB 6/1	96 mm	249 mm

Product	D	C
36CC/LED/850/ND EX39 BB 6/1	96 mm	203 mm
36CC/LED/830/ND EX39 BB 6/1	96 mm	203 mm
36CC/LED/840/ND EX39 BB 6/1	96 mm	203 mm
27CC/LED/830/ND EX39 BB 6/1	96 mm	203 mm
27CC/LED/840/ND EX39 BB 6/1	96 mm	203 mm
27CC/LED/850/ND EX39 BB 6/1	96 mm	203 mm

Product	D	C
36CC/LED/840/ND E26 BB 6/1	96 mm	194 mm
36CC/LED/830/ND E26 BB 6/1	96 mm	194 mm
27CC/LED/840/ND E26 BB 6/1	96 mm	194 mm
27CC/LED/850/ND E26 BB 6/1	96 mm	194 mm
27CC/LED/830/ND E26 BB 6/1	96 mm	194 mm
36CC/LED/850/ND E26 BB 6/1	96 mm	194 mm

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Approval and Application	
Energy Efficiency Label (EEL)	A++
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Frequency	50 to 60 Hz
Voltage (Nom)	120–277 V
Starting Time (Nom)	2.5 s
General Information	
Nominal Lifetime (Nom)	50000 h
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X
Light Technical	
Color Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Corncob

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
557025	27CC/LED/830/ND E26 BB 6/1	27 kWh
557033	27CC/LED/840/ND E26 BB 6/1	27 kWh
557041	27CC/LED/850/ND E26 BB 6/1	27 kWh
557058	27CC/LED/830/ND EX39 BB 6/1	27 kWh
557066	27CC/LED/840/ND EX39 BB 6/1	27 kWh
557074	27CC/LED/850/ND EX39 BB 6/1	27 kWh
557082	36CC/LED/830/ND E26 BB 6/1	36 kWh
557090	36CC/LED/840/ND E26 BB 6/1	36 kWh
557108	36CC/LED/850/ND E26 BB 6/1	36 kWh
557116	36CC/LED/830/ND EX39 BB 6/1	36 kWh
557124	36CC/LED/840/ND EX39 BB 6/1	36 kWh
557132	36CC/LED/850/ND EX39 BB 6/1	36 kWh
557140	54CC/LED/830/ND EX39 BB 6/1	54 kWh
557157	54CC/LED/840/ND EX39 BB 6/1	54 kWh
557165	54CC/LED/850/ND EX39 BB 6/1	54 kWh
557173	63CC/LED/830/ND EX39 BB 6/1	63 kWh
557181	63CC/LED/840/ND EX39 BB 6/1	63 kWh
557199	63CC/LED/850/ND EX39 BB 6/1	63 kWh

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
557025	27CC/LED/830/ND E26 BB 6/1	70 W	27 W
557033	27CC/LED/840/ND E26 BB 6/1	70 W	27 W
557041	27CC/LED/850/ND E26 BB 6/1	70 W	27 W
557058	27CC/LED/830/ND EX39 BB 6/1	70 W	27 W
557066	27CC/LED/840/ND EX39 BB 6/1	70 W	27 W
557074	27CC/LED/850/ND EX39 BB 6/1	70 W	27 W
557082	36CC/LED/830/ND E26 BB 6/1	100 W	36 W
557090	36CC/LED/840/ND E26 BB 6/1	100 W	36 W
557108	36CC/LED/850/ND E26 BB 6/1	100 W	36 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
557116	36CC/LED/830/ND EX39 BB 6/1	100 W	36 W
557124	36CC/LED/840/ND EX39 BB 6/1	100 W	36 W
557132	36CC/LED/850/ND EX39 BB 6/1	100 W	36 W
557140	54CC/LED/830/ND EX39 BB 6/1	150 W	54 W
557157	54CC/LED/840/ND EX39 BB 6/1	150 W	54 W
557165	54CC/LED/850/ND EX39 BB 6/1	150 W	54 W
557173	63CC/LED/830/ND EX39 BB 6/1	175 W	63 W
557181	63CC/LED/840/ND EX39 BB 6/1	175 W	63 W
557199	63CC/LED/850/ND EX39 BB 6/1	175 W	63 W

General Information

Order Code	Full Product Name	Cap-Base
557025	27CC/LED/830/ND E26 BB 6/1	E26
557033	27CC/LED/840/ND E26 BB 6/1	E26
557041	27CC/LED/850/ND E26 BB 6/1	E26
557058	27CC/LED/830/ND EX39 BB 6/1	EX39
557066	27CC/LED/840/ND EX39 BB 6/1	EX39
557074	27CC/LED/850/ND EX39 BB 6/1	EX39
557082	36CC/LED/830/ND E26 BB 6/1	E26
557090	36CC/LED/840/ND E26 BB 6/1	E26
557108	36CC/LED/850/ND E26 BB 6/1	E26

Order Code	Full Product Name	Cap-Base
557116	36CC/LED/830/ND EX39 BB 6/1	EX39
557124	36CC/LED/840/ND EX39 BB 6/1	EX39
557132	36CC/LED/850/ND EX39 BB 6/1	EX39
557140	54CC/LED/830/ND EX39 BB 6/1	EX39
557157	54CC/LED/840/ND EX39 BB 6/1	EX39
557165	54CC/LED/850/ND EX39 BB 6/1	EX39
557173	63CC/LED/830/ND EX39 BB 6/1	EX39
557181	63CC/LED/840/ND EX39 BB 6/1	EX39
557199	63CC/LED/850/ND EX39 BB 6/1	EX39

Light Technical

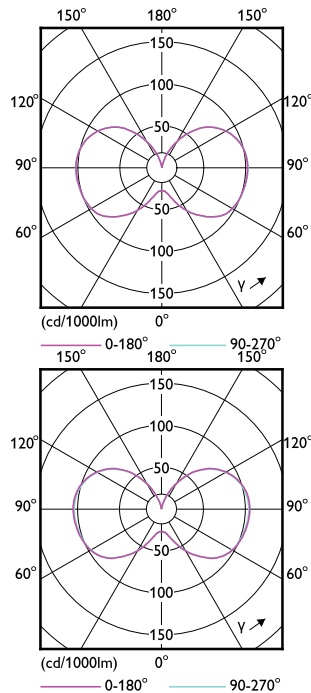
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Order Code	Full Product Name	Color Code	Correlated Color		Luminous Flux (Rated) (Nom)
			Temperature (Nom)	Luminous Flux (Nom)	
557025	27CC/LED/830/ND E26 BB 6/1	830	3000 K	3500 lm	3500 lm
557033	27CC/LED/840/ND E26 BB 6/1	841	4000 K	3600 lm	3600 lm
557041	27CC/LED/850/ND E26 BB 6/1	850	5000 K	3600 lm	3600 lm
557058	27CC/LED/830/ND EX39 BB 6/1	830	3000 K	3500 lm	3500 lm
557066	27CC/LED/840/ND EX39 BB 6/1	841	4000 K	3600 lm	3600 lm
557074	27CC/LED/850/ND EX39 BB 6/1	850	5000 K	3600 lm	3600 lm
557082	36CC/LED/830/ND E26 BB 6/1	830	3000 K	4700 lm	4700 lm
557090	36CC/LED/840/ND E26 BB 6/1	841	4000 K	5000 lm	5000 lm
557108	36CC/LED/850/ND E26 BB 6/1	850	5000 K	5000 lm	5000 lm

Order Code	Full Product Name	Color Code	Correlated Color		Luminous Flux (Rated) (Nom)
			Temperature (Nom)	Luminous Flux (Nom)	
557116	36CC/LED/830/ND EX39 BB 6/1	830	3000 K	4700 lm	4700 lm
557124	36CC/LED/840/ND EX39 BB 6/1	841	4000 K	5000 lm	5000 lm
557132	36CC/LED/850/ND EX39 BB 6/1	850	5000 K	5000 lm	5000 lm
557140	54CC/LED/830/ND EX39 BB 6/1	830	3000 K	7200 lm	7200 lm
557157	54CC/LED/840/ND EX39 BB 6/1	841	4000 K	7500 lm	7500 lm
557165	54CC/LED/850/ND EX39 BB 6/1	850	5000 K	7500 lm	7500 lm
557173	63CC/LED/830/ND EX39 BB 6/1	830	3000 K	8400 lm	8400 lm
557181	63CC/LED/840/ND EX39 BB 6/1	841	4000 K	8800 lm	8800 lm
557199	63CC/LED/850/ND EX39 BB 6/1	850	5000 K	8800 lm	8800 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
557025	27CC/LED/830/ND E26 BB 6/1	85 °C
557033	27CC/LED/840/ND E26 BB 6/1	85 °C
557041	27CC/LED/850/ND E26 BB 6/1	85 °C
557058	27CC/LED/830/ND EX39 BB 6/1	85 °C
557066	27CC/LED/840/ND EX39 BB 6/1	85 °C
557074	27CC/LED/850/ND EX39 BB 6/1	85 °C
557082	36CC/LED/830/ND E26 BB 6/1	85 °C
557090	36CC/LED/840/ND E26 BB 6/1	85 °C
557108	36CC/LED/850/ND E26 BB 6/1	85 °C
557116	36CC/LED/830/ND EX39 BB 6/1	85 °C
557124	36CC/LED/840/ND EX39 BB 6/1	85 °C
557132	36CC/LED/850/ND EX39 BB 6/1	85 °C
557140	54CC/LED/830/ND EX39 BB 6/1	90 °C
557157	54CC/LED/840/ND EX39 BB 6/1	90 °C
557165	54CC/LED/850/ND EX39 BB 6/1	90 °C
557173	63CC/LED/830/ND EX39 BB 6/1	90 °C
557181	63CC/LED/840/ND EX39 BB 6/1	90 °C
557199	63CC/LED/850/ND EX39 BB 6/1	90 °C



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