

# PHILIPS

## Lighting



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



## TrueForce LED HPL ND 30-21W E27 840

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

### Warnings and Safety

• Installation should always be performed by a qualified electrician or installer. Use the installation guide for instructions

### Product data

General information		Color Designation	
Cap-Base	E27 [ E27]	Color Designation	Cool White (CW)
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	4000 K
Nominal Lifetime (Nom)	50000 h	Luminous Efficacy (rated) (Nom)	142 lm/W
Switching Cycle	50000	Color Consistency	<6
Technical Type	21-80W	Color Rendering Index (Nom)	80
Flux measurement reference	Sphere	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light technical		Operating and electrical	
Color Code	840 [ CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	360 °	Power (Nom)	21 W
Luminous Flux (Nom)	3000 lm	Lamp Current (Nom)	95 mA
		Wattage Equivalent	50 W

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Starting Time (Nom)	0.45 s
Warm Up Time to 60% Light (Nom)	0.45 s
Power Factor (Nom)	0.95
Voltage (Nom)	220-240 V

## Temperature

T-Ambient (Max)	55 °C
T-Ambient (Min)	-40 °C
T-Case Maximum (Nom)	55 °C

## Controls and dimming

Dimmable	No
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## Mechanical and housing

Bulb Finish	Clear
Bulb Shape	Others

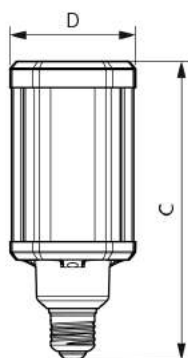
## Approval and application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	21 kWh
EPREL Registration Number	403569

## Product data

Full product code	871869963816000
Order product name	TrueForce LED HPL ND 30-21W E27 840
EAN/UPC - Product	8718699638160
Order code	929002006202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006202
Net Weight (Piece)	0.370 kg

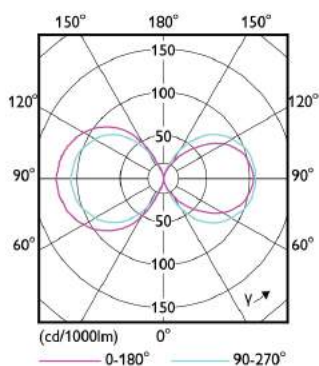
## Dimensional drawing



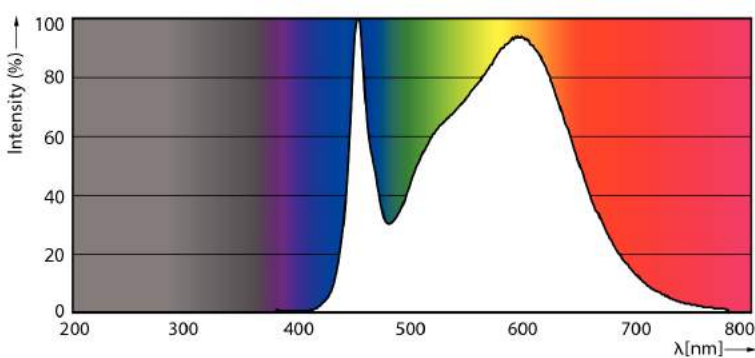
TrueForce LED HPL ND 30-21W E27 840

Product	D	C
TrueForce LED HPL ND 30-21W E27 840	75 mm	178 mm

## Photometric data

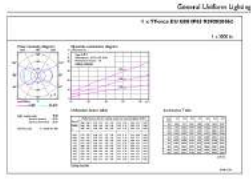


LEDTrueForce E27 360



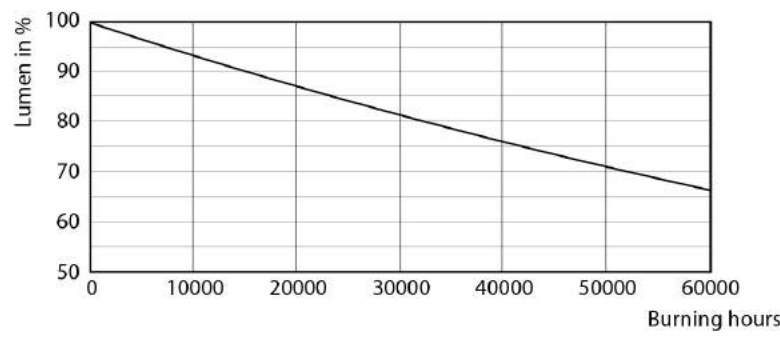
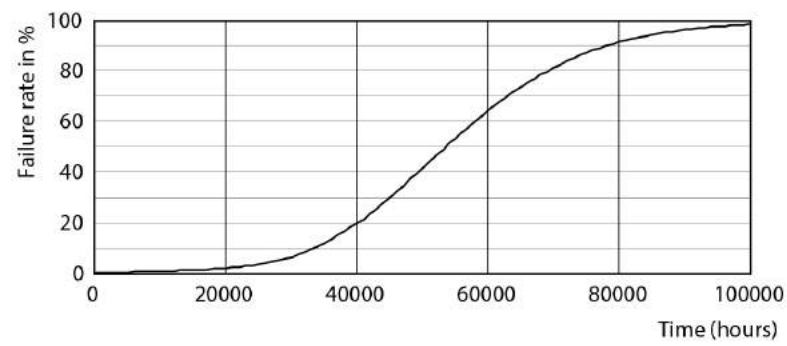
LEDTrueForce E27 21W 4000K

## Photometric data



## LEDTrueForce E27 21W 4000K

## Lifetime



## LEDTrueForce Others 360

## LEDTrueForce Others 360

