# **PHILIPS** Lighting



# **Product Description**

# HPL-N

Standard High Pressure Mercury lamp

#### Benefits

Good budget alternative

### Features

- · Equipped with 1 or 2 auxiliary electrodes to ensure quick and reliable ignition
- Single-ended gas-filled glass bulb (HG-SG) with a quartz mercury vapour discharge tube
- Internally coated ovoid outer bulb, providing a cool, bluish white light with reasonable colour qualities

# Application

· All outdoor applications, factories, transport sector and industrial area lighting

# Warnings and Safety

- $\cdot$  For use with control gear designed for high-pressure mercury lamps
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

# HPL-N

# Versions

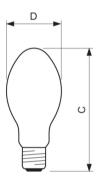




LPPR HPL E26 E27

LPPR HPL 0002

# Dimensional drawing



General Information	
Operating Position	UNIVERSAL
Light Technical	
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4100 K
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Coated glass

General	Information

Order Code	Full Product Name	Cap-Base	Order Code	Full Product Name	Cap-Base
27779500	HPL-N 125W/542 E27 1CT/24	E27	27781800	HPL-N 250W/542 E40 1SL/12	E40

# Light Technical

Produ	uct	D (max)	C (max)
HPL-	N 125W/542 E27 1CT/24	76 mm	173 mm
HPL-	N 250W/542 E40 1SL/12	91 mm	226 mm

					Luminous
		Chromaticity	Chromaticity	Color	Efficacy
Order	Full Product	Coordinate X	Coordinate Y	rendering	(rated)
Code	Name	(Nom)	(Nom)	index (CRI)	(Nom)
27779500	HPL-N	374	373	46	50 lm/W
	125W/542				
	E27 1CT/24				

					Luminous
		Chromaticity	Chromaticity	Color	Efficacy
Order	Full Product	Coordinate X	Coordinate Y	rendering	(rated)
Code	Name	(Nom)	(Nom)	index (CRI)	(Nom)
27781800	HPL-N	381	383	40	51 lm/W
	250W/542				
	E40 1SL/12				

#### **Operating and Electrical**

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
27779500	HPL-N 125W/542 E27 1CT/24	125 V	125.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
27781800	HPL-N 250W/542 E40 1SL/12	135 V	250.0 W

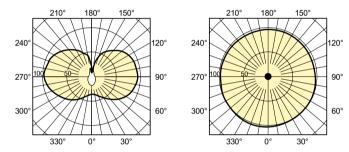
#### Mechanical and Housing

Order Code	Full Product Name	Bulb Material	Bulb Shape
27779500	HPL-N 125W/542 E27 1CT/24	Soft Glass	E75

Order Code	Full Product Name	Bulb Material	Bulb Shape
27781800	HPL-N 250W/542 E40 1SL/12	Hard Glass	ED90

## Approval and Application

		Energy Consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Content (Nom)
27779500	HPL-N 125W/542 E27 1CT/24	137 kWh	19.0 mg
27781800	HPL-N 250W/542 E40	275 kWh	38 mg
	1SL/12		





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