



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

- 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.

Controls and dimming

Dimmable	No
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General information

Cap-Base	E27
Life To 20% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	20000 h
Life To 5% Failures (Nom)	6000 h
LSF 12000 h Rated	80 %
LSF 16000 h Rated	68 %
LSF 2000 h Rated	99 %
LSF 20000 h Rated	50 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	95 %
LSF 8000 h Rated	92 %
Operating Position	UNIVERSAL

Luminaire design requirements

Bulb Temperature (Max)	350 °C
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Light technical

Colour Code	542
Colour Designation	Cool White (CW)
LLMF 12000 h Rated	85 %
LLMF 16000 h Rated	80 %
LLMF 2000 h Rated	92 %
LLMF 20000 h Rated	76 %
LLMF 4000 h Rated	91 %
LLMF 6000 h Rated	89 %
LLMF 8000 h Rated	88 %
Lumen Maintenance 2000 h (Min)	82 %
Lumen Maintenance 2000 h (Nom)	92 %
Lumen Maintenance 5000 h (Min)	80 %
Lumen Maintenance 5000 h (Nom)	90 %

Mechanical and housing

Bulb Finish	Coated glass
Bulb Material	Soft Glass

Approval and application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928051007391	HPL-N 80W/542 E27 1CT/24	88 kWh	14.0 mg
928052007391	HPL-N 125W/542 E27 1CT/24	137 kWh	19.0 mg

Operating and electrical (1/2)

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928051007391	HPL-N 80W/542 E27 1CT/24	0.8 A	125 V	105 V	115 V

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928052007391	HPL-N 125W/542 E27 1CT/24	1.15 A	135 V	115 V	125 V

Operating and electrical (2/2)

Order Code	Full Product Name	Power (Nom)
928051007391	HPL-N 80W/542 E27 1CT/24	80.0 W

Order Code	Full Product Name	Power (Nom)
928052007391	HPL-N 125W/542 E27 1CT/24	125.0 W

Light technical (1/2)

HPL-N

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Colour Temperature	Colour Rendering Index
		Coordinate X (Nom)	Coordinate Y (Nom)	(Nom)	(Nom)
928051007391	HPL-N 80W/542 E27 1CT/24	370	366	4300 K	45

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Colour Temperature	Colour Rendering Index
		Coordinate X (Nom)	Coordinate Y (Nom)	(Nom)	(Nom)
928052007391	HPL-N 125W/542 E27 1CT/24	374	373	4100 K	46

Light technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
928051007391	HPL-N 80W/542 E27 1CT/24	44.5 lm/W	3600 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
928052007391	HPL-N 125W/542 E27 1CT/24	50 lm/W	6200 lm

Mechanical and housing

Order Code	Full Product Name	Bulb Shape
928051007391	HPL-N 80W/542 E27 1CT/24	BF70

Order Code	Full Product Name	Bulb Shape
928052007391	HPL-N 125W/542 E27 1CT/24	E75

