



# 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.

## Related products



HPL, E39/40

## General Information (1/2)

order code	Bulb Shape	Cap-Base	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)	Life To 5% Failures (Nom)	LSF 12000 h Rated	LSF 16000 h Rated	LSF 2000 h Rated	LSF 20000 h Rated	LSF 4000 h Rated
17997599	BF70	E27	10000	16000	6000	80	68	99	50	98
18012499	E75	E27	10000	16000	6000	80	68	99	50	98
18060515	ED90	E40	12000	16000	6000	65	45	99	28	97
18060599	ED90	E40	12000	16000	6000	65	45	99	28	97
18045299	ED120	E40	12000	16000	6000	65	45	99	28	97

## General Information (2/2)

order code	LSF 6000 h Rated	LSF 8000 h Rated	Operating Position
17997599	95	92	UNIVERSAL
18012499	95	92	UNIVERSAL
18060515	92	83	UNIVERSAL

order code	LSF 6000 h Rated	LSF 8000 h Rated	Operating Position
18060599	92	83	UNIVERSAL
18045299	92	83	UNIVERSAL

## Light Technical (1/2)

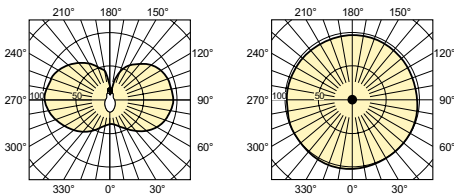
order code	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	LLMF 12000 h Rated	LLMF 16000 h Rated	LLMF 2000 h Rated	LLMF 20000 h Rated	LLMF 4000 h Rated
17997599	370	366	Cool White (CW)	4200	45	85	80	92	76	91
18012499	374	373	Cool White (CW)	4200	46	85	80	92	76	91
18060515	381	383	Cool White (CW)	4100	45	78	75	88	72	86
18060599	381	383	Cool White (CW)	4100	45	78	75	88	72	86
18045299	384	384	Cool White (CW)	4200	50	78	75	88	72	86

## Light Technical (2/2)

order code	LLMF 6000 h Rated	LLMF 8000 h Rated	Lumen Maintenance 2000 h (Min)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Min)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
17997599	89	88	82	90	80	85	44.5	3600
18012499	89	88	82	90	80	85	50	6200
18060515	84	82	78	90	75	85	51	12700

order code	LLMF 6000 h Rated	LLMF 8000 h Rated	Lumen Maintenance 2000 h (Min)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Min)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
18060599	84	82	78	90	75	85	51	12700
18045299	84	82	78	90	75	85	55	22000

### Light technical



### Operating and Electrical

order code	Lamp Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
17997599	0.8	125	105	115	80.0
18012499	1.15	135	115	125	125.0
18060515	2.1	145	125	135	250.0
18060599	2.1	145	125	135	250.0
18045299	3.25	150	130	140	400.0

### Mechanical and Housing

order code	Bulb Finish	Bulb Material
17997599	Coated	Soft Glass
18012499	Coated	Soft Glass
18060515	Coated	Hard Glass
18060599	Coated	Hard Glass
18045299	Coated	Hard Glass

### Approval and Application

order code	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
17997599	88	B	14.0
18012499	137	B	19.0
18060515	275	B	38
18060599	275	B	38
18045299	440	B	72

### Luminaire Design Requirements

order code	Bulb Temperature (Max)
17997599	350
18012499	350
18060515	350
18060599	350
18045299	350



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