



Mercury Vapor Standard

HPL-N

H38JA-100/DX 12PK

Mercury Vapor lamps feature low initial cost, but have higher operating costs than HPS or Metal Halide due to its lower efficiency. The clear mercury bulb has a bluish green appearance and the Deluxe White has a higher color rendering. Mercury lamps get dimmer over time and rarely burn out, so it is wise to replace them and restore light level., Standard High Pressure Mercury lamp

Product data

General Information	
Cap-Base	E39 [Single Contact Mogul Screw]
Bulb Shape	ED-23 1/2 [ED-23 1/2]
Operating Position	Universal [Universal]
Life To 5% Failures (Nom)	5000 h
Life To 20% Failures (Nom)	10000 h
Life To 50% Failures (Nom)	15000 h

Light Technical	
Color Code	542 [CCT of 4200K]
Luminous Flux (Rated) (Min)	3800 lm
Luminous Flux (Rated) (Nom)	4200 lm
Color Designation	Cool White (CW)
Lumen Maintenance 2000 h (Min)	80 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 5000 h (Min)	75 %
Lumen Maintenance 5000 h (Nom)	85 %

Chromaticity Coordinate X (Nom)	385
Chromaticity Coordinate Y (Nom)	380
Correlated Color Temperature (Nom)	3950 K
Luminous Efficacy (rated) (Nom)	42 lm/W
Color Rendering Index (Nom)	45

Operating and Electrical	
Power (Rated) (Nom)	100.0 W
Lamp Current (EM) (Nom)	0.85 A
Ignition Supply Voltage (Max)	170 V
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Coated [Coated glass (CO)]
Bulb Material	Hard Glass

Approval and Application

Mercury (Hg) Content (Nom)	13.7 mg
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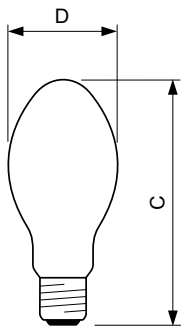
Luminaire Design Requirements

Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	210 °C

Product Data

Full product code	104667733713115
Order product name	HPL-N 100W E39 HG 1SL/12
EAN/UPC - Product	046677337131
Order code	337139
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928485500091
Net Weight (Piece)	0.125 kg

Dimensional drawing



HPL N 100W E39 HG

Product	D	C
HPL-N 100W E39 HG 1SL/12	76 mm	188 mm

