



HPL-N

H38JA-100/DX 12PK

Standard High Pressure Mercury lamp

Product data

General Information	
Base	E39 [Single Contact Mogul Screw]
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
LSF 2000 h Rated	99 %
LSF 4000 h Rated	97 %
LSF 6000 h Rated	94 %
LSF 8000 h Rated	92 %
LSF 12000 h Rated	65 %
LSF 16000 h Rated	45 %
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 10000 h (Min)	65 %
Lumen Maintenance 10000 h (Nom)	75 %
Lumen Maintenance 2000 h (Min)	80 %
Lumen Maintenance 2000 h (Nom)	88 %
Lumen Maintenance 5000 h (Min)	75 %
Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	370
Chromaticity Coordinate Y (Nom)	370

Correlated Color Temperature (Nom)	3950 K
Luminous Efficacy (rated) (Nom)	42 lm/W
LLMF 2000 h Rated	88 %
LLMF 4000 h Rated	86 %
LLMF 6000 h Rated	82 %
LLMF 8000 h Rated	78 %
LLMF 12000 h Rated	72 %
LLMF 16000 h Rated	70 %
LLMF 20000 h Rated	68 %

Operating and Electrical	
Power (Rated) (Nom)	100.0 W
Lamp Current (EM) (Nom)	0.85 A
Ignition Supply Voltage (Max)	180 V
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Coated glass
Bulb Material	Hard Glass

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Approval and Application

Mercury (Hg) Content (Nom) 13.7 mg

Luminaire Design Requirements

Bulb Temperature (Max) 400 °C

Cap-Base Temperature (Max) 210 °C

Product Data

Order product name HPL-N 100W E39 HG 1SL/12

EAN/UPC - Product 046677337131

Order code 337139

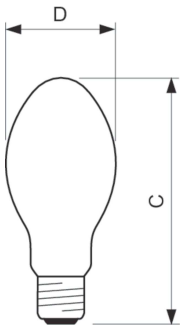
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 12

Material Nr. (12NC) 928485500091

Net Weight (Piece) 125.000 g

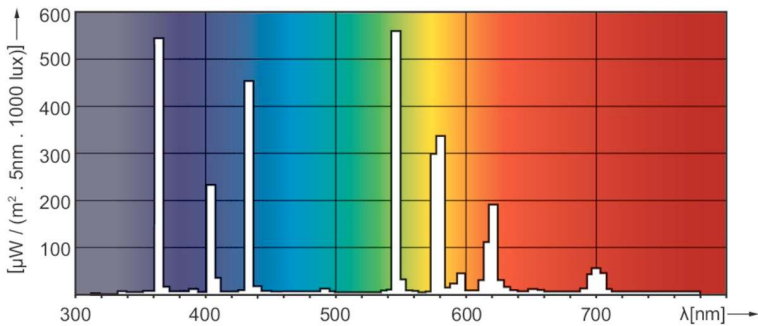
Dimensional drawing



HPL N 100W E39 HG

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

Photometric data



LDPO_HPL_N-Spectral power distribution Colour

