



Mercury Vapor Standard

Mercury Vapor N 100W Medium A23 HG 1SL

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.

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Product data

• General Characteristics

Base	Medium [Single Contact Medium Screw]
Bulb	A23
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	Universal [Any or Universal (U)]
Life to 5% failures	5000 hr
Life to 20% failures	10000 hr
RatedAvgLife(See Family Notes)	15000 hr

• Light Technical Characteristics

Color Code	542 [CCT of 4200K]
Color Rendering Index	45 Ra8
Color Designation	Cool White
Color Temperature	3700 K
Initial Lumens	4400 Lm
Luminous Efficacy	44 Lm/W
Lamp EM	
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	85 %
Chromaticity Coordinate X	395 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Watts	100 W
Lamp Wattage EM 25°C, Nominal	100.0 W

Lamp Wattage EM 25°C, Rated	100.0 W
Lamp Voltage	130 V
Lamp Current EM	0.85 A
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	13.7 mg
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• Luminaire Design Requirements

Cap-Base Temperature	190 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	138 (max) mm
Diameter D	73 (max) mm

• Product Data

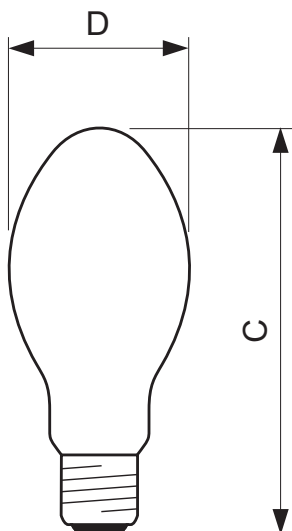
Product number	356584
Full product name	Mercury Vapor N 100W Medium A23 HG 1SL
Short product name	H38MP-100/DX 24PK
Pieces per Sku	1
eop_pck_cfg	24
Skus/Case	24
Bar code on pack	46677356583
Bar code on case	50046677356588
Logistics code(s)	928489400091
eop_net_weight_pp	0.068 kg

remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

Dimensional drawing



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Product	C (Max)	D (Max)
HPL N 100W E26 A23 HG	138	73

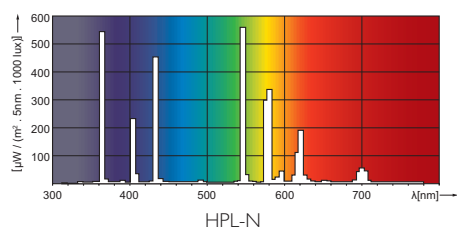
Mercury Vapor Standard

Dimensional drawing



E26

Photometric data



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data subject to change