# **PHILIPS** Lighting



## Mercury Vapor Standard

### H37KC-250/DX FULL CT 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.

#### 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 puntured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precuations are used. Certain lamps that will automaticallly 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)
- · Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

#### **Product data**

General Information			
Cap-Base	E39 [Single Contact Mogul Screw]		
Operating Position	UNIVERSAL [Any or Universal (U)]		
Life to 50% Failures (Nom)	15,000 hour(s)		
Light Technical			
Color Code	542 [CCT of 4200K]		
Color Designation	Cool White (CW)		
Chromaticity Coordinate X (Nom)	380		
Chromaticity Coordinate Y (Nom)	385		

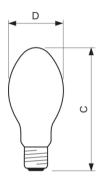
Correlated Color Temperature (Nom)	4100 K
Luminous Efficacy (rated) (Nom)	48 lm/W
Operating and Electrical	
Power Consumption	250.0 W
Voltage (Nom)	135 V
Voltage (Nom)	135 V

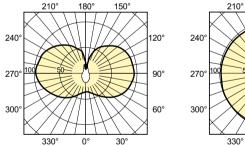
#### **Mercury Vapor Standard**

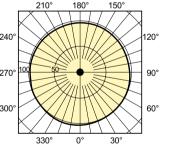
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Coated glass	
Bulb Material	Hard Glass	
Bulb Shape	ED90 [ED 90mm]	
Approval and Application		
Mercury (Hg) Content (Nom)	38 mg	

Product Data			
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Order product name	HPL-N 250W E39/41 HG.SLV/12		
Full product name	H37KC-250/DX FULL CT 12PK		
Order code	248146		
Material Nr. (12NC)	928485100091		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677248147		
Numerator - Packs per outer box	12		
EAN/UPC - Case	50046677248142		

#### **Dimensional drawing**

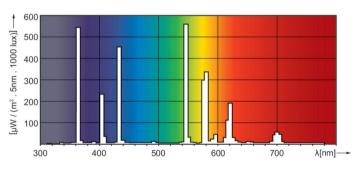






Light Distribution Diagram - HPL-N 250W E39/41 HG.SLV/12

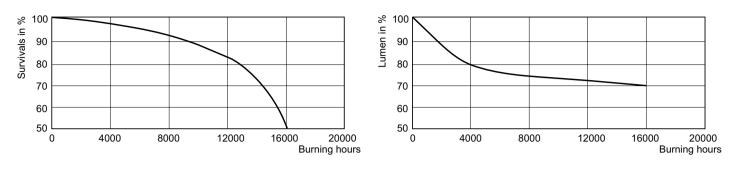
Product	D (max)	C (max)
HPL-N 250W E39/41 HG.SLV/12	3-5/8 inch	8-5/16 inch



Spectral Power Distribution Colour - HPL-N 250W E39/41 HG.SLV/12

#### **Mercury Vapor Standard**

#### Lifetime



Life Expectancy Diagram - HPL-N 250W E39/41 HG.SLV/12

Lumen Maintenance Diagram - HPL-N 250W E39/41 HG.SLV/12



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www.lighting.philips.com 2023, September 21 - data subject to change