



# Ceramalux® ALTO® Non-Cycling

Ceramalux 100W Mog ED23 1/2 CL ALTO NC

Philips Ceramalux High Pressure Sodium Non-Cycling Lamps are a better value than standard high pressure sodium lamps, with longer life and reduced maintenance cost.

## Product data

### • General Characteristics

Base	Mogul [Mogul]
Base Information	Brass [Brass Base]
Bulb	ED23 1/2
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	Street Lighting
Life to 35% failures	30000 hr

### • Light Technical Characteristics

Color Rendering Index	18 Ra8
Color Temperature	2100 K
Color Temperature technical	2100 K
Chromaticity Coordinate X	520 -
Chromaticity Coordinate Y	420 -
Initial Lumens	10000 Lm
Luminous Efficacy Lamp	100 Lm/W
Design Mean Lumens	9000 Lm
Lumen Maintenance - 40% life	90 %

### • Electrical Characteristics

Watts	100 W
Lamp Voltage	60 V
Lamp Current	2.1 A
Ignition Time	5 (max) s
Ignition Supply Voltage	110 V

Re-ignition Time [min]	5 (max) min
------------------------	-------------

### • Environmental Characteristics

Mercury (Hg) Content	3.4 (max) mg
----------------------	--------------

### • UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.50 - 62.7 h500lx
--------------------------------	--------------------

### • Luminaire Design Requirements

Cap-Base Temperature	210 (max) C
Bulb Temperature	400 (max) C

### • Product Dimensions

Light Center Length L	5.000 in
Max Overall Length (MOL) - C	7.75 (max) in
Diameter D	2.938 in

### • Product Data

Product number	147405
Full product name	Ceramalux 100W Mog ED23 1/2 CL ALTO NC
Short product name	Ceramalux 100W Mog ED23 1/2 CL ALTO NC
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12

# PHILIPS

sense and simplicity

## Ceramalux® ALTO® Non-Cycling

Bar code on pack 46677147402  
Bar code on case 50046677147407

Logistics code(s) 928601156201  
eop\_net\_weight\_pp 0.001 kg



© 2012 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2012, August 4  
data subject to change