# **PHILIPS** Lighting



# **Ceramalux ALTO**

## SON 400W E39 ED58 CL SL/12

These lamps pass the EPA's TCLP test for non-hazardous materials. Ideal for industrial applications, warehouses, post top applications and parking lots.

#### **Product data**

General Information		
Cap-Base	E39 [ Single Contact Mogul Screw]	
Operating Position	UNIVERSAL [ Any or Universal (U)]	
Main Application	General and Street Lighting	
ANSI Code HID	S51	
Features	ALTO <sup>®</sup> (ALTO)	
Light Technical		
Luminous Flux (Rated) (Min)	45000 lm	
Luminous Flux (Rated) (Nom)	50000 lm	
Photosynthetic Photon Flux (PPF)	595 µmol/s	
Design Mean Lumens	45000 lm	
Chromaticity Coordinate X (Nom)	515	
Chromaticity Coordinate Y (Nom)	420	
Correlated Color Temperature (Nom)	2100 K	
Luminous Efficacy (Rated) (Min)	112.5 lm/W	
Luminous Efficacy (rated) (Nom)	125 lm/W	
Color Rendering Index (Nom)	20	
Operating and Electrical		
Power (Nom)	401.5 W	
Lamp Current (Nom)	4.6 A	
Ignition Supply Voltage (Max)	198 V	
Re-Ignition Time (Min) (Max)	1 min	
Ignition Time (Max)	5 s	

Voltage (Max)	115 V	
Voltage (Min)	84 V	
Voltage (Nom)	100 V	
Mechanical and Housing		
Bulb Finish	Clear	
Cap-Base Information	Brass Cap	
Bulb Material	Hard Glass	
Approval and Application		
Picogram Per Lumen Hour	26.4 pg/lm.h	
Mercury (Hg) Content (Max)	23.5 mg	
UV		
Pet (Niosh) (Nom)	353 h/500lx	
Damage Factor D/fc (Nom)	0.03	
Luminaire Design Requirements		
Bulb Temperature (Max)	400 °C	
Cap-Base Temperature (Max)	210 °C	
Product Data		
Order product name	SON 400W E39 ED58 CL SL/12	
EAN/UPC - Product	046677467371	
Order code	928601139391	

### Ceramalux ALTO

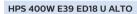
Numerator - Quantity Per Pack	1	Net Weight (Piece)
Numerator - Packs per outer box	12	
Material Nr. (12NC)	928601139391	

#### **Dimensional drawing**

Product

SON 400W E39 ED58 CL SL/12

165.000 g





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