PHILIPS

Ceramalux ALTO Non-Cycling

D_CERNC



Reduce maintenance costs

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.

Benefits

- More resistant to outages caused by vibration and line voltage fluctuations.
- 90% lumen maintenance.
- Sustainable lighting solution - up to 90% less mercury than standard Philips Ceramalux HPS lamps and lead free.

Applications

- Ideal for street and roadway lighting, parking lots and garages, warehouses and manufacturing facilities where lower maintenance costs are desired.

Features

- Rated average life of 30,000 hours*
- Direct replacement for standard HPS lamps

Data subject to change

- 200, 250 and 400 Watts available in the ED18 mogul base / 50, 70, 100 and 150 Watts available in the ED 23-1/2 mogul base / 1000 Watts available in the ED 25 mogul base.
- * Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. Approximate lumen output at 40% of rated life. It is based on survival of 65% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average.

Versions

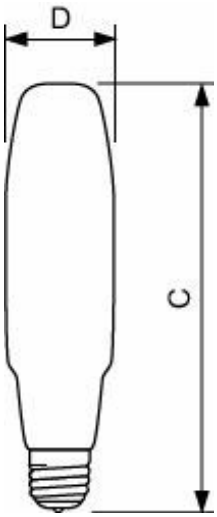


LPPR D-HPS-NC 0001

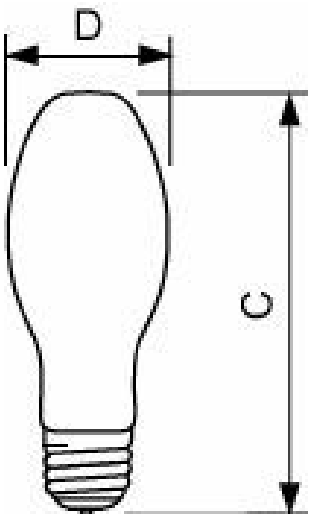


LPPR D-HPS-NC E39 ED18 CL

Dimensional drawing



Product	D	L	C (max)
C250S50/ALTO NC HPS 1/12PK	2.25 inch	5.750 inch	9.75 inch



Product	D	L	C (max)
C150S55/ALTO NC HPS 1/12PK	2.94 inch	5.000 inch	7.75 inch
C70S62/ALTO NC HPS 1/12PK	2.94 inch	5.000 inch	7.75 inch

General Information

Cap-Base	E39 [Single Contact Mogul Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]

Light Technical

Correlated Color Temperature (Nom)	2100 K
Color rendering index (CRI)	21

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Hard Glass

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
928601155990	C70S62/ALTO NC HPS 1/12PK	0.523	0.425	79 lm/W	90 lm/W
928601156090	C150S55/ALTO NC HPS 1/12PK	0.525	0.417	96 lm/W	106 lm/W
928601156190	C250S50/ALTO NC HPS 1/12PK	0.523	0.415	102 lm/W	114 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
928601155990	C70S62/ALTO NC HPS 1/12PK	70.2 W	1.45 A	52 V
928601156090	C150S55/ALTO NC HPS 1/12PK	150.6 W	3.2 A	55 V
928601156190	C250S50/ALTO NC HPS 1/12PK	251 W	1.8 A	100 V

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928601155990	C70S62/ALTO NC HPS 1/12PK	ED-23 1/2
928601156090	C150S55/ALTO NC HPS 1/12PK	ED-23 1/2
928601156190	C250S50/ALTO NC HPS 1/12PK	ED18

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928601155990	C70S62/ALTO NC HPS 1/12PK	1.4 mg
928601156090	C150S55/ALTO NC HPS 1/12PK	2 mg
928601156190	C250S50/ALTO NC HPS 1/12PK	3.36 mg

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