PHILIPS

Ceramalux Instant Restrike

D_CERINR



Energy efficiency and long life

Dual arc-tube delivers 40,000 hour rated average life as compared to 24,000 hour rated average life for standards HPS lamps. Ideal for industrial applications, warehouses, post top applications and parking lots.

Benefits

- Rated Average Life 24,000+ Hours*
- For applications where instant restrike is not required, rated average Life is 40,000 Hours.
- * 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. It is based on survival of at least 67% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average

Applications

- Ideal for security lighting, roadway lighting, warehouse lighting, and industrial applications.

Features

- Extra ArcTube Offers Light Instantly after momentary power Interruption and will provide 80% light output within 1–2 Minutes.
- Operateson standard HPS ballasts and auxiliary equipments.
- Available in 250, and 400 Watt ED18 mogul base / Available in 50, 70, 100, and 150 Watt, ED 23-1/2 mogul base / Available in 1000 Watts E-25 mogul base.

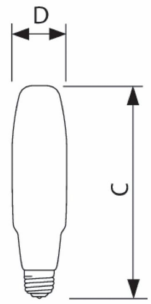
Versions



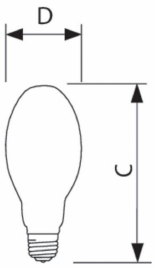
LPPR D-HPS-2 ED18 CL

Dimensional drawing

Product	D	C (max)
37688-9 400W C400S51/2 Dual Arc Hp Lamp	2.25 inch	9.75 inch
C250S50/2 1/12PK	2.25 inch	9.75 inch



Product	D	C (max)
C100S54/2 1/12PK	2.938 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

Approval and Application

Mercury (Hg) Content (Max)	44.4 mg
Mercury (Hg) Content (Nom)	47 mg

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
928601145401	37688-9 400W C400S51/2 Dual Arc Hp Lamp	515	418	112.5 lm/W	125 lm/W
928601145501	C250S50/2 1/12PK	521	415	102.6 lm/W	114 lm/W
928601145701	C100S54/2 1/12PK	520	420	84 lm/W	93 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
928601145401	37688-9 400W C400S51/2 Dual Arc Hp Lamp	401.5 W	4.6 A	100 V
928601145501	C250S50/2 1/12PK	251 W	3 A	100 V
928601145701	C100S54/2 1/12PK	100.4 W	2.1 A	55 V

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928601145401	37688-9 400W C400S51/2 Dual Arc Hp Lamp	ED18
928601145501	C250S50/2 1/12PK	ED18
928601145701	C100S54/2 1/12PK	ED-23 1/2

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