



Energy efficiency and long life

Ceramalux Instant Restrike

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

Features

- Extra ArcTube Offers Light Instantly after momentary power Interruption and will provide 80% light output within 1–2 Minutes.
- Operates on 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.

Application

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

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Versions



E39, ED-18, Clear



E39, ED-23 1/2, Clear

Dimensional drawing

Product	D	C (max)
C100S54/2 12PK	2.938 in	7.75 in
C150S55/2 12PK	2.938 in	7.75 in

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

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Operating and Electrical

Re-ignition Time (Min) (Max) 1 s

General Information

Cap-Base E39

Main Application General and
Street Lighting

Operating Position UNIVERSAL

Luminaire Design Requirements

Bulb Temperature (Max) 400 °C

Light Technical

Correlated Color Temperature (Nom) 2100 K

Color Rendering Index (Nom) 21

Mechanical and Housing

Bulb Finish Clear

Bulb Material Hard Glass

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928601145401	37688-9 400W C400S51/2 Dual Arc Hp Lamp	-	47 mg
928601145501	C250S50/2 12PK	-	47 mg
928601145601	C150S55/2 12PK	34 mg	-
928601145701	C100S54/2 12PK	44.4 mg	-

Operating and Electrical

Order Code	Full Product Name	Lamp			
		Current (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928601145401	37688-9 400W C400S51/2 Dual Arc Hp Lamp	4.6 A	115 V	84 V	100 V

Order Code	Full Product Name	Lamp			
		Current (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928601145501	C250S50/2 12PK	3 A	120 V	90 V	100 V
928601145601	C150S55/2 12PK	3.2 A	62 V	48 V	55 V
928601145701	C100S54/2 12PK	2.1 A	62 V	45 V	55 V

Light Technical (1/2)

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

Order Code	Full Product Name	Chromaticity		Luminous Efficacy (rated)	Luminous Efficacy (rated)
		Coordinate X (Nom)	Coordinate Y (Nom)	(Min)	(Nom)
928601145601	C150S55/2 12PK	514	424	96 lm/W	106.7 lm/W
928601145701	C100S54/2 12PK	520	420	84 lm/W	93 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Design Mean	Luminous Flux	Luminous Flux
		Lumens	(Rated) (Min)	(Rated) (Nom)
928601145401	37688-9 400W C400S51/2 Dual Arc Hp Lamp	44000 lm	45000 lm	50000 lm

Order Code	Full Product Name	Design Mean	Luminous Flux	Luminous Flux
		Lumens	(Rated) (Min)	(Rated) (Nom)
928601145501	C250S50/2 12PK	24750 lm	25650 lm	28500 lm
928601145601	C150S55/2 12PK	14000 lm	14400 lm	16000 lm
928601145701	C100S54/2 12PK	8190 lm	8400 lm	9300 lm

Mechanical and Housing

Ceramalux Instant Restrike

Order Code	Full Product Name	Bulb Shape
928601145401	37688-9 400W C400S51/2 Dual Arc Hp Lamp	ED-18
928601145501	C250S50/2 12PK	ED-18

Order Code	Full Product Name	Bulb Shape
928601145601	C150S55/2 12PK	ED-23 1/2
928601145701	C100S54/2 12PK	ED-23 1/2

