PHILIPS Lighting



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.
- 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.

Application

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

Ceramalux Instant Restrike

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
C150S55/2 1/12PK	2.938 inch	7.75 inch



General Information			
Cap-Base	E39		
Operating Position	UNIVERSAL		
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

				Luminous	Luminous					Luminous	Luminous
		Chromaticity	Chromaticity	Efficacy	Efficacy			Chromaticity	Chromaticity	Efficacy	Efficacy
	Full Product	Coordinate X	Coordinate Y	(Rated)	(rated)		Full Product	Coordinate X	Coordinate Y	(Rated)	(rated)
Order Code	Name	(Nom)	(Nom)	(Min)	(Nom)	Order Code	Name	(Nom)	(Nom)	(Min)	(Nom)
928601145401	37688-9	515	418	112.5 lm/W	125 lm/W	928601145601	C150S55/2	514	424	96 lm/W	106 lm/W
	400W						1/12PK				
	C400S51/2					928601145701	C100S54/2	520	420	84 lm/W	93 lm/W
	Dual Arc Hp						1/12PK				
	Lamp										
928601145501	C250S50/2	521	415	102.6 lm/W	114 lm/W						
	1/12PK										

Operating and Electrical

Ceramalux Instant Restrike

	Lamp Current Voltage Power		Power			Lamp Current	Voltage	Power	
Order Code	Full Product Name	(Nom)	(Nom)	Consumption	Order Code	Full Product Name	(Nom)	(Nom)	Consumption
928601145401	37688-9 400W	4.6 A	100 V	401.5 W	928601145501	C250S50/2 1/12PK	3 A	100 V	251 W
	C400S51/2 Dual Arc		928601145601	C150S55/2 1/12PK	3.2 A	55 V	150.6 W		
	Hp Lamp				928601145701	C100S54/2 1/12PK	2.1 A	55 V	100.4 W

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

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

Approval and Application

		Mercury (Hg)	Mercury (Hg)
Order Code	Full Product Name	Content (Max)	Content (Nom)
928601145401 37688-9 400W C400S51/2		-	47 mg
	Dual Arc Hp Lamp		
928601145501	C250S50/2 1/12PK	-	47 mg

		Mercury (Hg)	Mercury (Hg)
Order Code	Full Product Name	Content (Max)	Content (Nom)
928601145601	C150S55/2 1/12PK	34 mg	-
928601145701	C100S54/2 1/12PK	44.4 mg	-



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