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

Versions



400 W Single Contact Mogul Screw ED-18 Clear

Dimensional drawing

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Product	D	C (max)
C250S50/2 12PK	2.25 in	9.75 in

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

Ceramalux Instant Restrike

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)
377176	C250S50/2 12PK	-	47 mg
265611	C150S55/2 12PK	34 mg	-
265603	C100S54/2 12PK	44.4 mg	-

Operating and electrical (1/2)

		Lamp			
Order	Full Product	Current	Voltage	Voltage	Voltage
Code	Name	(Nom)	(Max)	(Min)	(Nom)
377176	C250S50/2 12PK	3 A	120 V	90 V	100 V
265611	C150S55/2 12PK	3.2 A	62 V	48 V	55 V

		Lamp			
Order	Full Product	Current	Voltage	Voltage	Voltage
Code	Name	(Nom)	(Max)	(Min)	(Nom)
265603	C100S54/2 12PK	214	62 V	45 V	55 V

Operating and electrical (2/2)

Order Code	Full Product Name	Power (Nom)	Order Code	Full Product Name	Power (Nom)
377176	C250S50/2 12PK	251 W	265603	C100S54/2 12PK	100.4 W
265611	C150S55/2 12PK	150.6 W			

Light technical (1/2)

					Luminous
		Chromaticity	Chromaticity	Luminous	Efficacy
Order	Full Product	Coordinate X	Coordinate Y	Efficacy	(rated)
Code	Name	(Nom)	(Nom)	(rated) (Min)	(Nom)
377176	C250S50/2	521	415	102.6 lm/W	114 lm/W
	12PK				
265611	C150S55/2	514	424	96 lm/W	106 lm/W
	12PK				
377176	C250S50/2 12PK C150S55/2	521	415	102.6 lm/W	114 lm/W

					Luminous
		Chromaticity	Chromaticity	Luminous	Efficacy
Order	Full Product	Coordinate X	Coordinate Y	Efficacy	(rated)
Code	Name	(Nom)	(Nom)	(rated) (Min)	(Nom)
265603	C100S54/2	520	420	84 lm/W	93 lm/W
	12PK				

Light technical (2/2)

	Full Product	Design Mean	Luminous Flux	Luminous Flux
Order Code	Name	Lumens	(Rated) (Min)	(Rated) (Nom)
377176	C250S50/2 12PK	24750 lm	25650 lm	28500 lm
265611	C150S55/2 12PK	14000 lm	14400 lm	16000 lm

	Full Product	Design Mean	Luminous Flux	Luminous Flux
Order Code	Name	Lumens	(Rated) (Min)	(Rated) (Nom)
265603	C100S54/2 12PK	8190 lm	8400 lm	9300 lm

Ceramalux Instant Restrike

Mechanical and housing

Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
377176	C250S50/2 12PK	ED18	265603	C100S54/2 12PK	ED23 1/2
265611	C150S55/2 12PK	ED23 1/2			



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