



# 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.

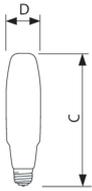
# Ceramalux Instant Restrike

## Versions

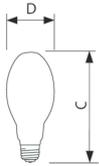


400 W Single Contact Mogul  
Screw ED-18 Clear

## Dimensional drawing



| 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<br>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)

| Order Code | Full Product Name | Lamp          |               |               |               |
|------------|-------------------|---------------|---------------|---------------|---------------|
|            |                   | Current (Nom) | Voltage (Max) | Voltage (Min) | Voltage (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          |

| Order Code | Full Product Name | Lamp          |               |               |               |
|------------|-------------------|---------------|---------------|---------------|---------------|
|            |                   | Current (Nom) | Voltage (Max) | Voltage (Min) | Voltage (Nom) |
| 265603     | C100S54/2 12PK    | 2.1 A         | 62 V          | 45 V          | 55 V          |

## Operating and electrical (2/2)

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

| Order Code | Full Product Name | Power (Nom) |
|------------|-------------------|-------------|
| 265603     | C100S54/2 12PK    | 100.4 W     |

## Light technical (1/2)

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

| Order Code | Full Product Name | Chromaticity       |                    | Luminous Efficacy      |                        |
|------------|-------------------|--------------------|--------------------|------------------------|------------------------|
|            |                   | Coordinate X (Nom) | Coordinate Y (Nom) | Efficacy (rated) (Min) | Efficacy (rated) (Nom) |
| 265603     | 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) |
| 377176     | C250S50/2 12PK    | 24750 lm    | 25650 lm      | 28500 lm      |
| 265611     | C150S55/2 12PK    | 14000 lm    | 14400 lm      | 16000 lm      |

| Order Code | Full Product Name | Design Mean | Luminous Flux | Luminous Flux |
|------------|-------------------|-------------|---------------|---------------|
|            |                   | 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 |
|------------|-------------------|------------|
| 377176     | C250S50/2 12PK    | ED18       |
| 265611     | C150S55/2 12PK    | ED23 1/2   |

| Order Code | Full Product Name | Bulb Shape |
|------------|-------------------|------------|
| 265603     | C100S54/2 12PK    | ED23 1/2   |

