



Compact Source – for higher performance luminaires

The very compact filament in the Compact Source series helps create a proportionately high beam intensity and the Compact Source range is therefore ideal for the latest generation of high-performance luminaires. Also, thanks to their low energy consumption, each dimmer can serve significantly more fixtures, thereby reducing overall dimmer costs. What's more, the Compact Source lamps incorporate the innovative P3 technology, developed by Philips, which enables the lamps to be used at higher temperatures in any burning position. This results in longer lamp lifetimes, reduced lamp replacement costs, and a more

consistent lighting performance over the whole lifetime of the lamp.

Benefits

- Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time.
- High beam intensity. Due to low energy consumption, more fixtures from each dimmer can be offered.

Features

- Philips P3 pinch protection
- Very compact filament

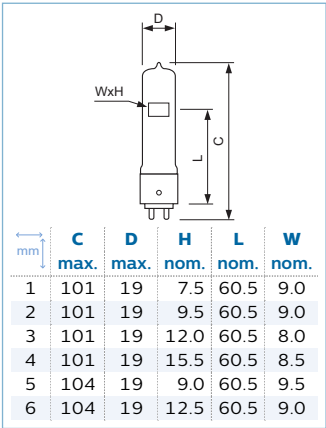
Application

- Studio, stage and entertainment lighting

Product Range



Dimension Drawing



Main Data

| Type  | Wattage | SAP Packing (Piece)/Packaging configuration | Pinch Temperature |  |  | Ordering number 8711500... |
|-------|---------|---------------------------------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------|
|       | (W)     |                                             | (°C [max.])       |                                                                                       |                                                                                       |                            |
| 6989P | 575     | CT / 10                                     | 500               | UNIVERSAL                                                                             | 1                                                                                     | 51854525                   |
| 6992P | 575     | CT / 10                                     | 500               | UNIVERSAL                                                                             | 2                                                                                     | 51894125                   |
| 6986P | 600     | CT / 10                                     | 500               | UNIVERSAL                                                                             | 3                                                                                     | 49857125                   |
| 6991P | 600     | CT / 10                                     | 500               | UNIVERSAL                                                                             | 4                                                                                     | 51891025                   |
| 6981P | 750     | CT / 10                                     | 500               | UNIVERSAL                                                                             | 5                                                                                     | 51957325                   |
| 6982P | 800     | CT / 10                                     | 500               | UNIVERSAL                                                                             | 6                                                                                     | 51937525                   |

## Electrical data

| Commercial product name     | Lamp power<br>(W) | Voltage<br>(V) | Rapid Acting HBC Fuse<br>(V) |
|-----------------------------|-------------------|----------------|------------------------------|
| 6981P 750W G9.5 115V 1CT/10 | 750               | 115            | 10.0                         |
| 6982P 800W G9.5 240V 1CT/10 | 800               | 240            | 6.3                          |
| 6986P 600W G9.5 240V 1CT/10 | 600               | 240            | 4.0                          |
| 6989P 575W G9.5 115V 1CT/10 | 575               | 115            | 10.0                         |
| 6991P 600W G9.5 230V 1CT/10 | 600               | 230            | 4.0                          |
| 6992P 575W G9.5 115V 1CT/10 | 575               | 115            | 10.0                         |

## Lifetime data

| Commercial product name     | Life to 50% Failures<br>(h) |
|-----------------------------|-----------------------------|
| 6981P 750W G9.5 115V 1CT/10 | 300                         |
| 6982P 800W G9.5 240V 1CT/10 | 200                         |
| 6986P 600W G9.5 240V 1CT/10 | 300                         |
| 6989P 575W G9.5 115V 1CT/10 | 400                         |
| 6991P 600W G9.5 230V 1CT/10 | 1,500                       |
| 6992P 575W G9.5 115V 1CT/10 | 1,200                       |

## Color data

| Commercial product name     | Colour Rendering Index | Bulb Finish |
|-----------------------------|------------------------|-------------|
| 6981P 750W G9.5 115V 1CT/10 | 100                    | Clear       |
| 6982P 800W G9.5 240V 1CT/10 | 100                    | Clear       |
| 6986P 600W G9.5 240V 1CT/10 | 100                    | Clear       |
| 6989P 575W G9.5 115V 1CT/10 | 100                    | Clear       |
| 6991P 600W G9.5 230V 1CT/10 | 100                    | Clear       |
| 6992P 575W G9.5 115V 1CT/10 | 100                    | Clear       |

## Luminous flux/efficacy/intensity data

| Commercial product name     | Luminous Flux (Rated)<br>(lm) |
|-----------------------------|-------------------------------|
| 6981P 750W G9.5 115V 1CT/10 | 20,500                        |
| 6982P 800W G9.5 240V 1CT/10 | 20,000                        |
| 6986P 600W G9.5 240V 1CT/10 | 15,000                        |
| 6989P 575W G9.5 115V 1CT/10 | 15,500                        |
| 6991P 600W G9.5 230V 1CT/10 | 13,000                        |
| 6992P 575W G9.5 115V 1CT/10 | 13,500                        |

## Temperature data

| Commercial product name     | Correlated Color Temperature<br>(K) |
|-----------------------------|-------------------------------------|
| 6981P 750W G9.5 115V 1CT/10 | 3,200                               |
| 6982P 800W G9.5 240V 1CT/10 | 3,200                               |
| 6986P 600W G9.5 240V 1CT/10 | 3,200                               |
| 6989P 575W G9.5 115V 1CT/10 | 3,200                               |
| 6991P 600W G9.5 230V 1CT/10 | 3,100                               |
| 6992P 575W G9.5 115V 1CT/10 | 3,100                               |



## Environmental data &amp; ETIM group &amp; Design Requirements

| Commercial product name     | ETIM Group <sup>1</sup> |
|-----------------------------|-------------------------|
| 6981P 750W G9.5 115V 1CT/10 | EC001057                |
| 6982P 800W G9.5 240V 1CT/10 | EC001057                |
| 6986P 600W G9.5 240V 1CT/10 | EC001057                |
| 6989P 575W G9.5 115V 1CT/10 | EC001057                |
| 6991P 600W G9.5 230V 1CT/10 | EC001057                |
| 6992P 575W G9.5 115V 1CT/10 | EC001057                |

<sup>1</sup> 'ETIM Group' value description(s): 'EC001057' = Studio Projection Photo Lamp

## System data

| Commercial product name     | Lamp system description |
|-----------------------------|-------------------------|
| 6981P 750W G9.5 115V 1CT/10 | P3 Technology           |
| 6986P 600W G9.5 240V 1CT/10 | P3 Technology           |
| 6989P 575W G9.5 115V 1CT/10 | P3 Technology           |
| 6991P 600W G9.5 230V 1CT/10 | P3 Technology           |
| 6992P 575W G9.5 115V 1CT/10 | P3 Technology           |

## Operating data

| Commercial product name     |  <sup>2</sup> |  |
|-----------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 6981P 750W G9.5 115V 1CT/10 | UNIVERSAL                                                                                        | Yes                                                                                 |
| 6982P 800W G9.5 240V 1CT/10 | UNIVERSAL                                                                                        | Yes                                                                                 |
| 6986P 600W G9.5 240V 1CT/10 | UNIVERSAL                                                                                        | Yes                                                                                 |
| 6989P 575W G9.5 115V 1CT/10 | UNIVERSAL                                                                                        | Yes                                                                                 |
| 6991P 600W G9.5 230V 1CT/10 | UNIVERSAL                                                                                        | Yes                                                                                 |
| 6992P 575W G9.5 115V 1CT/10 | UNIVERSAL                                                                                        | Yes                                                                                 |

<sup>2</sup>  value description(s): 'UNIVERSAL' = Any or Universal (U)

## Miscellaneous &amp; General data

| Commercial product name     | Cap-Base | ANSI Code | Main Application |
|-----------------------------|----------|-----------|------------------|
| 6981P 750W G9.5 115V 1CT/10 | G9.5     |           | Entertainment    |
| 6982P 800W G9.5 240V 1CT/10 | G9.5     |           | Entertainment    |
| 6986P 600W G9.5 240V 1CT/10 | G9.5     | GKV       | Entertainment    |
| 6989P 575W G9.5 115V 1CT/10 | G9.5     | GLC       | Entertainment    |
| 6991P 600W G9.5 230V 1CT/10 | G9.5     | GLB       | Entertainment    |
| 6992P 575W G9.5 115V 1CT/10 | G9.5     | GLA       | Entertainment    |

## Logistic data

| Commercial product name     | SAP Packing (Piece)/Packaging configuration <sup>3</sup> | Numerator - Packs per outer box | Ordering number 8711500... | Material Nr. (12NC) | SAP Gross Weight (Piece) | Net Weight (Piece) | EAN - 3 8711500... |
|-----------------------------|----------------------------------------------------------|---------------------------------|----------------------------|---------------------|--------------------------|--------------------|--------------------|
|                             |                                                          |                                 |                            | (9245...)           | (g)                      | (g)                |                    |
| 6981P 750W G9.5 115V 1CT/10 | CT / 10                                                  | 10                              | 51957325                   | 46834428            | 54                       | 25                 | 519580             |
| 6982P 800W G9.5 240V 1CT/10 | CT / 10                                                  | 10                              | 51937525                   | 45645528            | 54                       | 25                 | 521613             |
| 6986P 600W G9.5 240V 1CT/10 | CT / 10                                                  | 10                              | 49857125                   | 34445528            | 56                       | 24                 | 517456             |
| 6989P 575W G9.5 115V 1CT/10 | CT / 10                                                  | 10                              | 51854525                   | 34234428            | 53                       | 24                 | 520616             |
| 6991P 600W G9.5 230V 1CT/10 | CT / 10                                                  | 10                              | 51891025                   | 38644228            | 47                       | 24                 | 520982             |
| 6992P 575W G9.5 115V 1CT/10 | CT / 10                                                  | 10                              | 51894125                   | 38534428            | 53                       | 24                 | 520999             |

<sup>3</sup> 'SAP Packing (Piece)/Packaging configuration' value description(s): 'CT / 10' = CARTON

Cap-Base Overview

