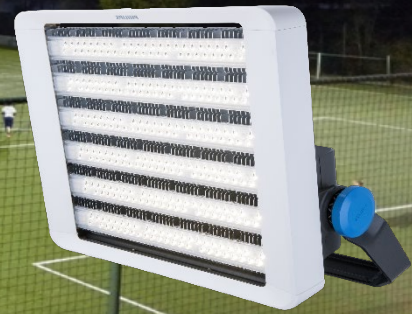


The Philips logo is displayed in blue capital letters on a white background.The text "Outdoor Lighting" is written in white on a dark red background.The text "SportsStar LED Floodlight" is written in white on an orange background.

## Lighting your way to success

Philips SportsStar LED Floodlight sets the standard in high quality optical distribution with high performance and low light pollution (or effective light control). From Sports to Area Lighting, our system, including the high masts needed, projects the light exactly where it should be going. Choose the right illumination levels for any given setting with Philips SportsStar LED Floodlight.

### Features and benefits

- Fit for both high mast area and sports application
- Multiple lens covers as much as of customer needs
- Both integrated version and remote version
- Robust quality and reliability

### Application

- Airport Apron
- Port & Container Yard
- Large industrial areas / Car Park Areas
- Building facades
- Transportation Terminals & Tollways
- General flood lighting
- Recreational Sports Stadium

# Product Data

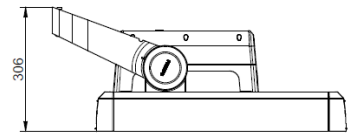
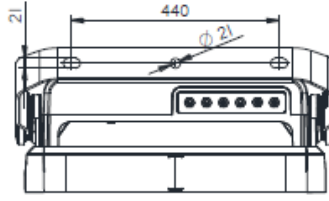
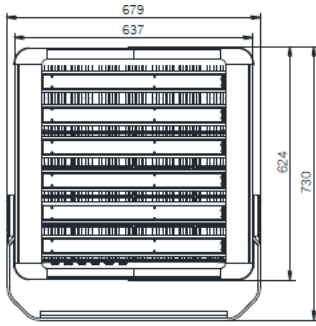
| Specification       |                             | BVP621  | BVP622  | EVP622                     |
|---------------------|-----------------------------|---|---|----------------------------|
| System              | Flux packages (lm)          | Up to 111000lm  |   | -                          |
|                     | CCT/color *                 | 3000/4000/5700K   | 5700K   | -                          |
|                     | CRI                         | 70/80/90  |   | -                          |
|                     | System efficacy(typical) ** | CRI70 3000K: 113lm/W<br>CRI70 4000K/5700K: 120lm/W<br>CRI80 5700K: 100lm/W<br>CRI90 5700K: 93lm/W                                   |   | -                          |
|                     | System wattage              | 450/600/750/900W  |   |                            |
|                     | SDCM                        | <=5   |   | -                          |
| Optics              | Light distribution          | AWB/NB/SWB/SMB  | NB/S3/S5/S6/S7  | -                          |
|                     | Lens & Optical cover        | PC  |   | -                          |
| Electrical          | Input voltage               | 220~240V- 50/60Hz   | -   | 220~240V- 50/60Hz          |
|                     | Power Factor                | >0.95   | -   | >0.95                      |
|                     | Driver                      | Fixed/DALI/Coded Mains  | -   | Fixed/DALI/Coded Mains/DMX |
|                     | surge protection            | 15KV  | -   | 15KV                       |
|                     | Interface to main           | flying wire   | -   | flying wire                |
|                     | Serviceability Electrical   | Driver, SPD   |   | Driver, SPD                |
| Lifetime            | Luminaire life time         | 50k hours (L70B50 @35°C)  |   |                            |
| Environment         | Operating temperature       | Outdoor:<br>- 40°C < Ta< 50°C<br>(900W Fixed version<br>45°C max.)  | Outdoor: - 40°C < Ta< 50°C<br>Indoor: - 40°C < Ta< 40°C |                            |
|                     | IP Rate                     | IP66  |   |                            |
|                     | IK Rate                     | IK08  |   |                            |
| Mechanical          | Mounting                    | U Bracket   |   | -                          |
|                     | Housing material            | Aluminum  |   |                            |
|                     | Weight                      | BVP621: max. 32kg (fixed output); max. 36kg (Dimming)<br>BVP622: max. 22kg<br>EVP622: max. 10kg (fixed output); max. 14kg (Dimming) |   |                            |
| Approbation / Norms | Approbation                 | CQC/CB/CE   |   |                            |
|                     | Sustainability              | RoHS  |   |                            |

\* Initial CCT value, according to ANSI C78.377-2008

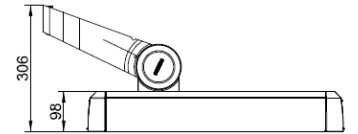
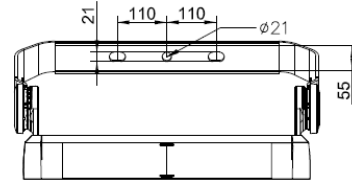
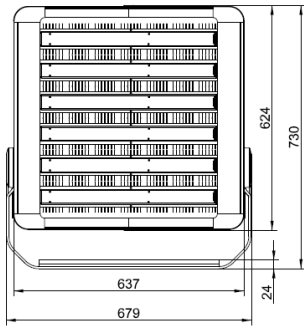
\*\* lower limit -5%

# Dimension Drawing – SportsStar 900W Dimming version

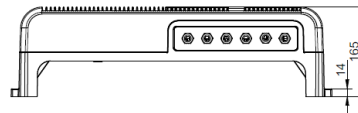
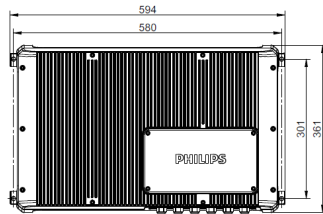
**BVP621**



**BVP622**

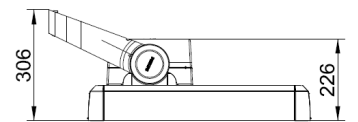
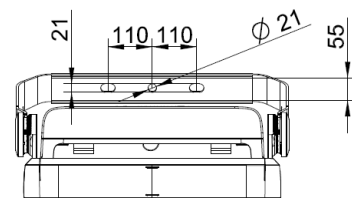
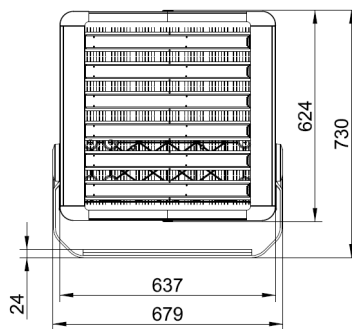


**EVP622**

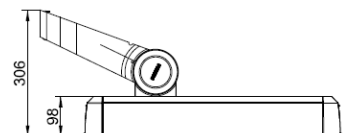
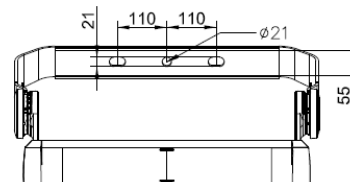
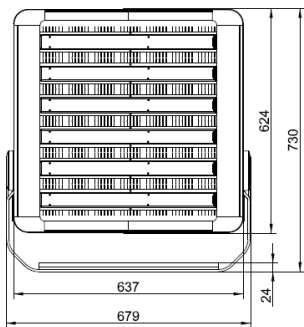


# Dimension Drawing – SportsStar 900W Fixed Output version

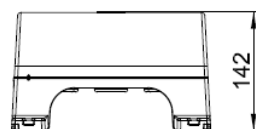
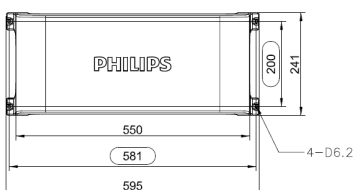
**BVP621**



**BVP622**



**EVP622**



# Ordering Code

| 12NC         | Description                           |
|--------------|---------------------------------------|
| 911401687805 | BVP621 LED514/730 450W AWB GM         |
| 911401687905 | BVP621 LED514/730 450W NB GM          |
| 911401688005 | BVP621 LED514/730 450W SMB GM         |
| 911401688105 | BVP621 LED555/740 450W AWB GM         |
| 911401688205 | BVP621 LED555/740 450W NB GM          |
| 911401688305 | BVP621 LED555/740 450W SMB GM         |
| 911401688405 | BVP621 LED555/757 450W AWB GM         |
| 911401688505 | BVP621 LED555/757 450W NB GM          |
| 911401688605 | BVP621 LED555/757 450W SMB GM         |
| 911401688705 | BVP621 LED685/730 600W AWB GM         |
| 911401688805 | BVP621 LED740/740 600W AWB GM         |
| 911401688905 | BVP621 LED740/757 600W AWB GM         |
| 911401689005 | BVP621 LED857/730 750W AWB GM         |
| 911401689105 | BVP621 LED925/740 750W AWB GM         |
| 911401689205 | BVP621 LED925/757 750W AWB GM         |
| 911401689305 | BVP621 LED1110/757 900W AWB GM O      |
| 911401689405 | BVP621 LED1110/757 900W NB GM O       |
| 911401689505 | BVP621 LED1110/757 900W SMB GM O      |
| 911401689605 | BVP621 LED1110/757 900W SWB GM O      |
| 911401595051 | BVP621 LED1028/730 900W NB PSD GM O   |
| 911401595151 | BVP621 LED1028/730 900W AWB PSD GM O  |
| 911401595251 | BVP621 LED1110/740 900W NB PSD GM O   |
| 911401595351 | BVP621 LED1110/740 900W AWB PSD GM O  |
| 911401595451 | BVP621 LED1110/757 900W NB PSD GM O   |
| 911401595551 | BVP621 LED1110/757 900W AWB PSD GM O  |
| 911401595651 | BVP621 LED1110/757 900W SWB PSC GM O  |
| 911401595751 | BVP621 LED1110/757 900W AWB PSC GM O  |
| 911401595851 | BVP621 LED922/857 900W SWB PSC GM O   |
| 911401595951 | BVP621 LED922/857 900W AWB PSC GM O   |
| 911401687305 | BVP622 LED1110/757 900W NB GM 5C O    |
| 911401687405 | BVP622 LED1110/757 900W S3 GM 5C O    |
| 911401687505 | BVP622 LED1110/757 900W S5 GM 5C O    |
| 911401687605 | BVP622 LED1110/757 900W S6 GM 5C O    |
| 911401687705 | BVP622 LED1110/757 900W S7 GM 5C O    |
| 911401596051 | BVP622 LED922/857 900W NB GM 5C O     |
| 911401596151 | BVP622 LED922/857 900W S3 GM 5C O     |
| 911401596251 | BVP622 LED922/857 900W S5 GM 5C O     |
| 911401596351 | BVP622 LED922/857 900W S6 GM 5C O     |
| 911401596451 | BVP622 LED922/857 900W S7 GM 5C O     |
| 911401596551 | BVP622 LED850/957 900W NB DMX GM O    |
| 911401596651 | BVP622 LED850/957 900W S3 DMX GM O    |
| 911401596751 | BVP622 LED850/957 900W S5 DMX GM O    |
| 911401596851 | BVP622 LED850/957 900W S6 DMX GM O    |
| 911401596951 | BVP622 LED850/957 900W S7 DMX GM O    |
| 911401686705 | EVP622 IP66 900W 220-240V FIX GM 5C O |
| 911401597051 | EVP622 IP66 900W 220-240V PSD GM 5C O |
| 911401597151 | EVP622 IP66 900W 220-240V PSC GM 5C O |
| 911401597251 | EVP622 IP66 900W 220-240V DMX GM O    |



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