

## ARUNA HORTICULTURE LIGHTING

www.arunalighting.com



Light Emitting Diode  
10W BL 230V

- Spectrum for flowering (white-red)
- Easy retrofit with E27 fitting
- Waterproof IP65
- Safe in food production, shatter free design with no glass components
- High efficacy and Low operating cost
- Superior life hours
- Replaces 100 W incandescent
- Compact BR80 design

Application areas:

- Horticulture lighting
- Photoperiodic control

## Product data

### Physical Data/ Requirements

|                      |      |
|----------------------|------|
| Lamp Socket          | E27  |
| Bulb Diameter (mm)   | 80   |
| Bulb Length (mm)     | 114  |
| Bulb shape           | BR80 |
| Integrity Protection | IP65 |
| Material             | Poly |

### Performance Data

|                                |                |
|--------------------------------|----------------|
| Light Output (Lumens 100Hrs)   | 310            |
| Lamp Lumens Per Watt           | 31             |
| Mean Output (Lumens)           | -              |
| Rated Life (Hrs. 10 Hr.1Strat) | 30000          |
| Color Temperature (K)          | 1300K          |
| Chromaticity (CIE-x/y)         | 0.5454, 0.3100 |
| Color Rendering Index (CRI)    | 0              |
| To 90% Warm Up Time (min)      | 0              |
| Hot Restart Time (min)         | 0              |
| Burning Position               | UNIVERSAL      |
| Photon Flux PPF (μmol/s)       | 15             |

### Electrical Data/ Requirements

|                       |      |
|-----------------------|------|
| Lamp Wattage (W)      | 10   |
| Operating Voltage (V) | 230  |
| Operating Current (A) | 0.05 |
| Dimmable              | no   |
| Power Factor          | >0.9 |

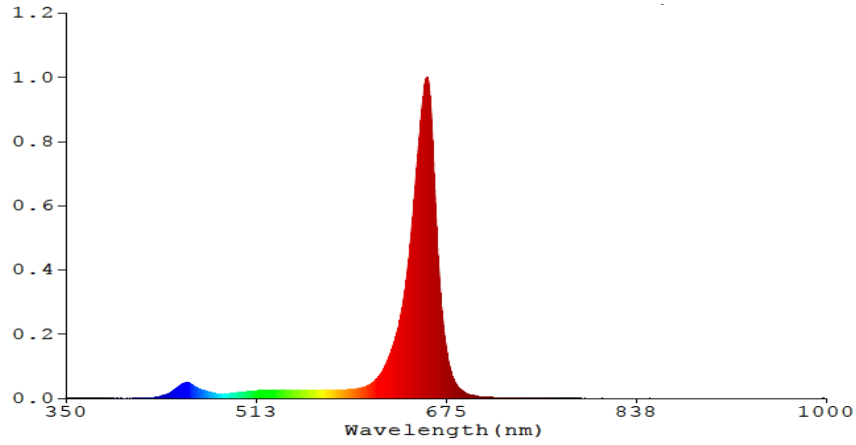
### Order Information

|                  |                      |
|------------------|----------------------|
| Product Code     | AHL000040            |
| Pcs/package      | -                    |
| Pcs/Box          | 25                   |
| Name Description | LED/BL/100W/230V/WRR |

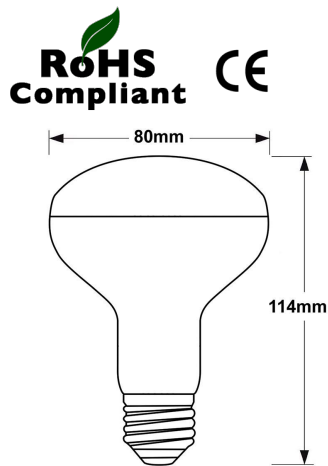
### Environmental parameters

|                 |      |
|-----------------|------|
| Mercury content | 0 mg |
|-----------------|------|

### Spectrum



### Line Drawing



## Safety instructions

A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, remove parts, preferably wearing gloves. Seal the parts and take it to your local waste facilities for proper recycling. Do not use a vacuum cleaner.

1. Do not operate lamps in excess of rated voltages of the ballast as this will increase lamp pressure and the possibility of shattering.
2. This lamp must be used only with proper circuit and auxiliary equipment.
3. Failure to comply may result in poor lamp performance and possible personal injury or property damages for which the manufacturer will not be held responsible.
4. When operating this lamp, the base temperature should not exceed the recommended ambient temperature limit, for this lamp is -30 °C minimum and +55 °C maximum.
5. Do not use this lamp in a location subject to vibration or shock, unless an adequate vibration-proof fixture is used.
6. Do not use this lamp in a corrosive atmosphere.
7. Replace lamp at or before the end of its rated life.
8. Do not look directly at the lamp during operation to avoid eye inflammation. Use eye protection and gloves when handling this lamp.
9. Do not paint the lamp to prevent its overheating or breakage.
10. Do not use this lamp in an ignitable atmosphere (for example gasoline, inflammable spray, thinner, lacquer, dust, etc.) to prevent a fire or explosion.
11. Do not use this lamp in a powdery or dusty atmosphere in order to eliminate the overheating of the lamp.
12. Follow all instructions in the manufacture's catalog or on the individual box of instruction sheet.