

ARUNA HORTICULTURE LIGHTING

www.arunalighting.com



Light Emitting Diode
10W BL 230V

- Spectrum for photoperiodic control (white-farred) or 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

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)	220
Lamp Lumens Per Watt	22
Mean Output (Lumens)	-
Rated Life (Hrs. 10 Hr.1Strat)	30000
Color Temperature (K)	1731K
Chromaticity (CIE-x/y)	0.4850, 0.3193
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

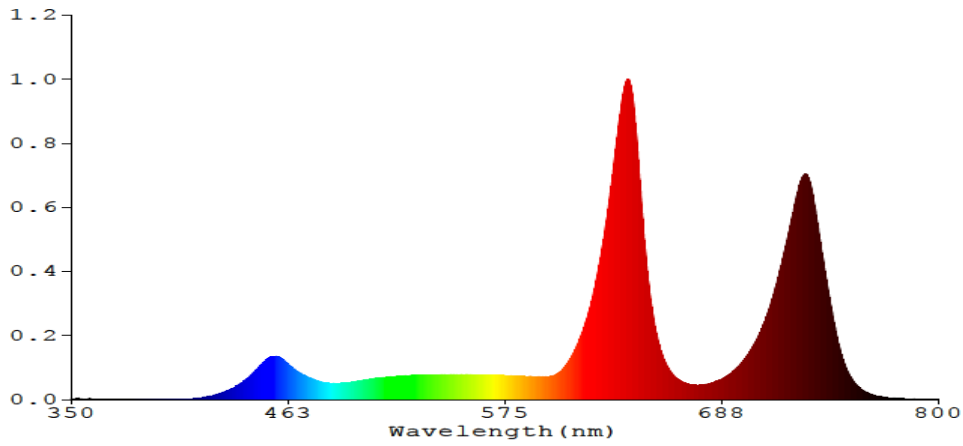
Order Information

Product Code	AHL000039
Pcs/package	-
Pcs/Box	25
Name Description	LED/BL/100W/230V/WRF

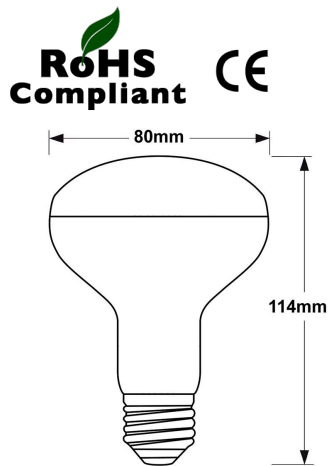
Environmental parameters

Mercury content	0 mg
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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 manufacturer's catalog or on the individual box of instruction sheet.