

ARUNA HORTICULTURE LIGHTING

www.arunalighting.com



Light Emitting Diode
400V High Bay family

Uniform and consistent color
Excellent thermal design
Universal voltage 277 – 400 volt
High efficacy / Low operating cost
Long life LED chips
Robust design

Application areas:

- Area lighting
- Pathway lighting
- Factory lighting
- Power factor >0.9
- Operating temperature -30°C/+45°C

Product data

Physical Data/ Requirements

Height (mm) / Diameter (mm) (excluding reflector)	
100 W	190 / 250
120W	210 / 250
150 W	230 / 250
200 W	250 / 250
240 W	310 / 250
Weight (kg) (excl. reflector)	
100 W	3,7
120 W	4,4
150 W	5,2
200 W	6,7
240 W	8,2
Integrity Protection	IP54
Max Operating Temperature (°C)	+45°C
Max Operating Temperature (°C)	-30°C

Performance Data

Light Output (lumens)	
100 W	10500
120 W	12500
150 W	15000
200 W	20000
240 W	24000
Rated Life (hrs)	50000
Color Temperature (K)	4000K – 5000K
Color Rendering Index (CRI)	70
To 90% Warm Up Time (min)	0
Hot Restart Time (min)	0

Electrical Data/ Requirements

Lamp Wattage (W)	100W – 240W
Operating Voltage (V)	277 – 400V
Dimmable	no
Ballast	Electronic
Power factor	> 0.9

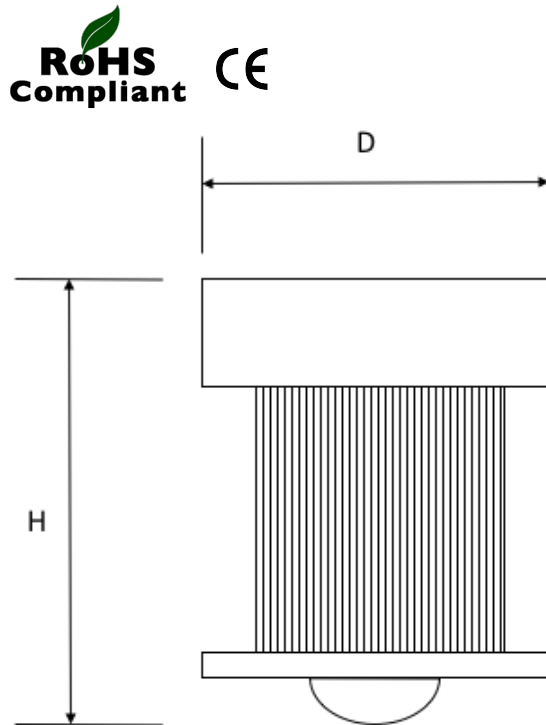
Order Information

Pcs/package	-
Pcs/Box	1
Name Description	
100 W / 4000K	LED/BH/100W/400V/740/EL
100 W / 5000K	LED/BH/100W/400V/750/EL
120 W / 4000K	LED/BH/120W/400V/740/EL
120 W / 5000K	LED/BH/120W/400V/750/EL
150 W / 4000K	LED/BH/150W/400V/740/EL
150 W / 5000K	LED/BH/150W/400V/750/EL
200 W / 4000K	LED/BH/200W/400V/740/EL
200 W / 5000K	LED/BH/200W/400V/750/EL
240 W / 4000K	LED/BH/240W/400V/740/EL
240 W / 5000K	LED/BH/240W/400V/750/EL

Environmental parameters

Mercury content	0 mg
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Line Drawing



Warning

This lamp produces high light output. Do not look into directly into the lamp, unless using eye protection.

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. Do not scratch the surface of the bulb or subject this lamp to undue pressure as either may cause the lamp to break. Replace scratched, cracked, broken or damaged bulbs immediately.
5. Do not touch hot lamps with fingers, skin or any flammable material. Lamps remain hot after being turned off.
6. When operating this lamp, the base temperature should not exceed the recommended ambient temperature limit, for this lamp is -30 °C minimum and +45 °C maximum.
7. Do not use this lamp in a location subject to vibration or shock, unless an adequate vibration-proof fixture is used.
8. Do not use this lamp in a corrosive atmosphere.
9. Replace lamp at or before the end of its rated life.
10. Do not look directly at the lamp during operation to avoid eye inflammation. Use eye protection and gloves when handling this lamp.
11. Do not paint the lamp to prevent its overheating or breakage.
12. Do not use this lamp in an ignitable atmosphere (for example gasoline, inflammable spray, thinner, lacquer, dust, etc.) to prevent a fire or explosion.
13. Do not use this lamp in a powdery or dusty atmosphere in order to eliminate the overheating of the lamp.
14. Follow all instructions in the manufacture's catalog or on the individual box of instruction sheet.