

ARUNA HORTICULTURE LIGHTING

www.arunalighting.com



Light Emitting Diode
230V waterproof line family

Water proof IP65
Universal voltage 85 - 265 volt
High efficacy / Low operating cost
Long life LED chips

Application areas:

- Outdoor lighting
 - Pathway lighting
 - Cold storage rooms
 - Parking garages
-
- Power factor >0.95
 - Operating temperature -30°C/+55°C

Product data

Physical Data/ Requirements

Height (mm) x Width (mm)	150 x 180
Length (mm)	
20 W	600
30 W	600
40 W	900
50 W	900 / 1200
60 W	1200
80 W	1500
Weight (kg)	3
Integrity Protection	IP65
Lamp socket	WAGO 222-413
Material	PS (optical parts) PS/PMMA
Color	Gray
Flammability mark	F
Safety class	Class I

Performance Data

Light Output (lumens +/- 5%)	
20 W	2000
30 W	3000
40 W	4000
50 W	5000
60 W	6000
80 W	8000
Life (hrs.) L70	50000
Life (hrs.) L90	30000
Color Temperature (K)	3000K – 6500K
Color Rendering Index (CRI)	80
Beam Angle (°)	120
To 90% Warm Up Time (min)	0
Hot Restart Time (min)	0

Electrical Data/ Requirements

Lamp Wattage (W)	20W – 80W
Operating Voltage (V)	85 – 265V / 50-60Hz
Dimmable	no
Ballast	Electronic
EMC standard	EN 55015
Power factor	> 0.95

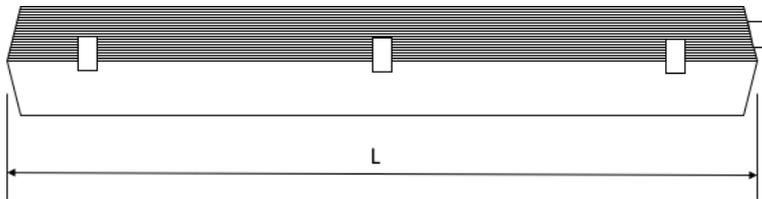
Order Information

Pcs/package	-		
Pcs/Box	1		
Name Description			
20 W / 3000K	LED/WP6/20W/230V/830/EL	50 W / 3000K / 1.2 m	LED/WP12/50W/230V/830/EL
20 W / 4000K	LED/WP6/20W/230V/840/EL	50 W / 4000K / 1.2 m	LED/WP12/50W/230V/840/EL
20 W / 6500K	LED/WP6/20W/230V/865/EL	50 W / 6500K / 1.2 m	LED/WP12/50W/230V/865/EL
30 W / 3000K	LED/WP6/30W/230V/830/EL	60 W / 3000K	LED/WP12/60W/230V/830/EL
30 W / 4000K	LED/WP6/30W/230V/840/EL	60 W / 4000K	LED/WP12/60W/230V/840/EL
30 W / 6500K	LED/WP6/30W/230V/865/EL	60 W / 6500K	LED/WP12/60W/230V/865/EL
40 W / 3000K	LED/WP9/40W/230V/830/EL	80 W / 3000K	LED/WP15/80W/230V/830/EL
40 W / 4000K	LED/WP9/40W/230V/840/EL	80 W / 4000K	LED/WP15/80W/230V/840/EL
40 W / 6500K	LED/WP9/40W/230V/865/EL	80 W / 6500K	LED/WP15/80W/230V/865/EL
50 W / 3000K / 0.9 m	LED/WP9/50W/230V/830/EL		
50 W / 4000K / 0.9 m	LED/WP9/50W/230V/840/EL		
50 W / 6500K / 0.9 m	LED/WP9/50W/230V/865/EL		

Environmental parameters

Mercury content 0 mg

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.