

PLANT LAMP *Series*



Catalyst For Better Plant Growth

The PLANT LAMP series helps your plants blossom indoors by transmitting light energy that is essential for photosynthesis. Most importantly, it produces negligible amount of UVA and almost zero amount of UVB.

Applications

Indoor plants, green houses and aquariums.



PLANT LAMP



MEGAMAN®
Energy Saving Lamps



W1211P
E27

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	49	135	57

11 Watt	10,000 hours	280lm	Standard Pack 60 (10)
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Also available in B22

measurement based on diagonal diameter



W1215P
E27

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	49	154	66

15 Watt	10,000 hours	400lm	Standard Pack 60 (10)
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PLANT LAMP



PLANT LAMP



MEGAMAN®
Energy Saving Lamps



BR0211P
R63

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	63	105	90

11 Watt

10,000 hours

Standard Pack
60 (10)

Optional
Snap-in Reflector
LB0101

Operating Temperature
+40°C
-10°C



BR0315P
R80

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	80	111	115

15 Watt

10,000 hours

Standard Pack
24 (6)

Optional
Snap-in Reflector
LB0201

Operating Temperature
+40°C
-20°C



BR0620P
PAR38

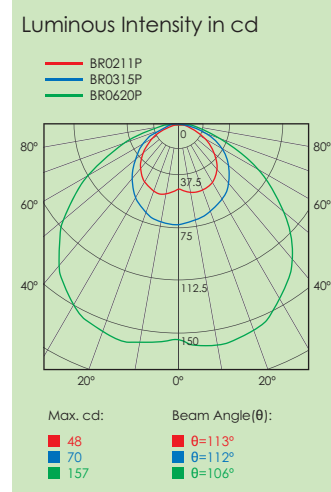
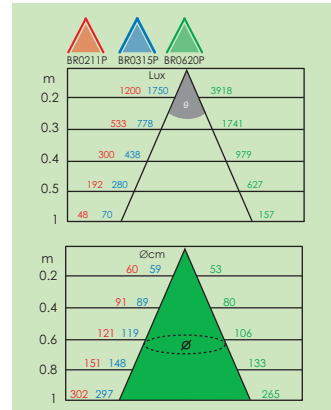
Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	121	133	263

20 Watt

10,000 hours

Standard Pack
24 (6)

Operating Temperature
+40°C
-30°C



PLANT LAMP

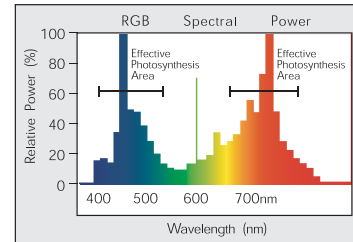


MEGAMAN®
Energy Saving Lamps

Product Features

Emission of Specific Light Energy for Plant Nurturing

The PLANT LAMP is filled with a special type of phosphor coating that transmits light energy primarily in the blue and red light energy regions of the visible spectrum as shown in the diagram. Light energy of wavelengths from 400 to 500 nm and 600 to 700 nm is released for photosynthesis.



Negligible Release of Ultraviolet Radiation

The PLANT LAMP series is specifically designed to produce negligible amounts of UVA and almost zero amount of UVB.

Produces Minimal Heat

Unlike incandescent light sources that cause harm to both the appearance and growth of plants, the MEGAMAN® PLANT LAMPs are significantly more efficient in converting specific light energy for healthy plant nurturing.



Measurements of UVA & UVB(Radiant Flux)

Model	W1211P	W1215P	BR0211P	BR0315P	BR0620P
UVA	4.83×10^{-3}	6.77×10^{-6}	4.89×10^{-5}	2.73×10^{-2}	4.94×10^{-5}
UVB	3.89×10^{-1}	2.17×10^{-4}	2.22×10^{-2}	4.85×10^{-1}	5.93×10^{-4}