

LED PAR38 PlantGrow E27 12.5W Blue/Red 100V-240V

Article number 80100040699

BAI LED PAR38 PlantGrow E27 100V-240V 12.5W 30° 120x129mm Blue (450-500nm, 38 µmol/s) and Red (610-700nm, 57 µmol/s) stimulate growth of plants

Artificial light source high in red and blue light for efficient photosynthesis. Photosynthesis is a natural process of plants and other organisms to convert light into chemical energy to fuel them later. This ensures better plant growth in applications where there is no or too little daylight, as this lamp emits exactly the wavelengths needed to stimulate plant growth. Not for use in closed and / or recessed luminaires. Only use indoors. Ambient temperature: -20°C to + 40°C.



General ETIM properties

ETIM group	Lamps
ETIM class	LED-lamp/Multi-LED
Name	80100040699
Brand	Bailey
Productseries	LED Special
Product type	PAR38 PlantGrow

ETIM specifications

Nominal voltage [V]	100 - 240
Nominal current [mA]	310 - 310
Power factor	0.9
Lamp power [W]	12.5 - 12.5
Voltage type	AC
Luminous flux [lm]	205 - 205
Rated luminous flux according to IEC 62612 [lm]	205
Lamp efficacy [lm/W]	16
Luminous intensity [cd]	500
Colour rendering index CRI	60-69
Lamp shape	Reflector
Filament lamp	No
Type of glass/cover	Prism
Socket	E27
Colour	Other
Colour housing	White
Beam angle [°]	30 - 30
Colour consistency (McAdam ellipse)	Other
Dimmable	No
Diameter [mm]	120
Length [mm]	129
Degree of protection (IP)	IP20
Energy Efficiency Index (EEI)	0.57
Lamp designation	PAR38
Energy efficiency class	G
Min. number of switching cycles	15000
Weighted energy consumption in 1000 hours [kWh]	13
Average nominal lifespan [h]	25000
Remote operation possible	No
With remote control	No
Photobiological safety according to EN 62471	Other
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No