

GA12 Grow Light

MAIN CHARACTERISTICS

Applications	Lighting for horticulture		
Optic	LB-L: Symmetric optic for indoor lighting, lambertian emission. LB-AS2: Asymmetric optic for indoor lighting. LED sources defined on spectral wave lengths.		
	BLUE 445nm	RED 640nm	Hiper RED 665nm
	25%	40%	35%
	LED module based on ceramic LEDs		
Insulation class	I		
Protection degree	IP66		
Dimensions	See the drawing		
Weight	4.5 kg		
Mounting	Universal fixing for ceiling, wall, suspension.		
Operating temp.	-20°C ÷ +35°C		
Main reference standards	EN 60598-1, EN 60598-2-1, EN 60598-2-24, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 62493		

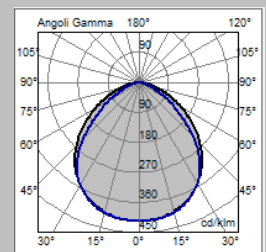


ELECTRICAL CHARACTERISTICS

Rated voltage	220÷240V 50/60Hz <i>(Standard tolerance +/-10%, other voltages and tolerances upon request)</i>
Power factor	>0,9 (at full load)
Mains connection	Branch wiring: Cable H05VV-F 3/5p x 1mm ² Optional: connector M/F IP66/68 for cables max. 2,5mm ² , Ø max. 12mm Pass through: IP66/68 Panel Terminal Block
Control system (options)	F: Fixed power not dimmable. DALI: Digital dimming interface DALI.
Optical unit lifetime (Tq=25°C)	>100.000hr L80B50 >100.000hr L80, TM-21

MATERIALS

Fixing	Stainless steel.
Body	Extruded aluminium. Powder painted.
Optic	99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition. Alluminum grade class A+ (DIN EN 16268)
Screen	PMMA
Cable gland	Plastic M20x1.5 - IP68
Gasket	Polyurethane
Colour	White - RAL9003



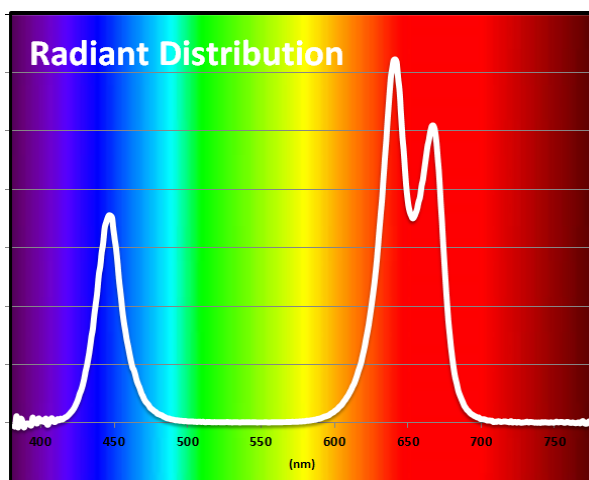
LB-L Optic

All the published photometrical data has been obtained according to EN 13032-1

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LUMINAIRE	OPTIC	RADIANT TOTAL FLUX (Tq=25°C, mW)	PHOTONICS TOTAL FLUX (Tq=25°C, µmol/s)	LUMINAIRE POWER ¹ (Tq=25°C, Vin=230Vac, W)	LUMINAIRE EFFICACY (Tq=25°C, µmol/s /W)
GA12 Grow Light 0C24 170-3M	LB-L LB-AS2	34	170	92.5	1.85

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
The characteristics of the product listed above are subjected to change without notice.



FIXING DETAIL

