

AlphaLUXX AC 80-120 LED spotlight

100% Made in Germany
DESIGNED, DEVELOPED and PRODUCED by GIFAS



AlphaLUXX AC 80-120 without external power supply



*for version with PC cover

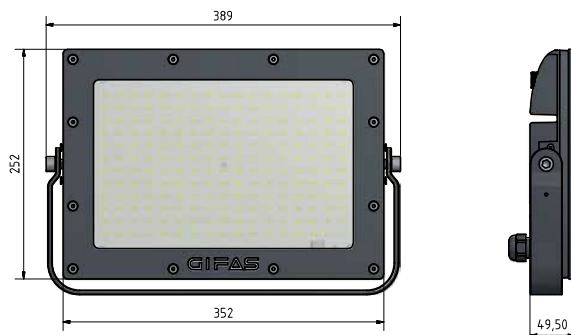
The AlphaLUXX floodlight is **100% Made in Germany**. During the development, great emphasis was placed on the quality of the components, coupled with excellent efficiency and state-of-the-art technology.

Short response times at the **Neuss production plant** are guaranteed, meaning we are able to meet customer requirements promptly in terms of different outputs and front panels, various cable lengths and special colour designs.

AlphaLUXX AC 80-120 - The electronics are directly on the board. With the omission of an external mains adaptor, the AC version is relatively light and has an attractive, very slim, visually appealing design.

Product characteristics

- Robust housing made of corrosion-resistant die-cast aluminium
- Dirt-resistant PTFE surface coating, approved for the food industry
- Toughened safety glass (ESG) or impact resistant plastic cover (PC)
- Custom-made U-profile seal surrounding all sides
- Custom-made, durable, heat-conducting film for lasting, reliable dissipation of heat from the LED board
- Low heat generation thanks to the latest LED technology
- Pressure compensation element for extreme temperature fluctuations
- Full luminous flux is available instantly after switching on
- Low energy consumption with high light output
- Maintenance-free
- Wide operating temperature range (up to 60°C)
- No UV/IR radiation
- Vibration-resistant
- Accessories available from stock



Technical data

Input voltage	200-240 VAC (50/60Hz)
Light source	SMD-LEDs
Version	80 / 100 / 120
System performance	83W / 101W / 119W
Lighting current	9300lm / 11200lm / 13000lm
System Efficiency	112lm/W / 111lm/W / 109lm/W
Light colour	5000K (4000K on request)
Beam angle	120°
CRI	Ra >80
Operating life	[L70/B10] > 80000h
Protection category	IP66
Protection class	I
Shock resistance	IK10 (Version: PC cover)
Dimming	optional 1-10V (DALI with additional module)
Operating range of temperature	80W -30°C bis +60°C 100W -30°C bis +55°C 120W -30°C bis +50°C
Max. surface temperature	+90°C (suitable for use in industrial premises with fire hazards), D rating label
Housing	Die-cast aluminium, alloy 230D
Housing surface	PTFE-coated (approved for the food industry)
Housing colour	black (other colours also available with powder coating)
Cover	5mm ESG clear, optional 5mm ESG satin finish or 5mm PC clear or satin finish
Weight	approx. 5,5kg
Measurements (L x W x H)	389x252x49,5mm
Certification	ENEC, CE, IK10 (suitable for food industry)

Art. No.	Design
800051	AlphaLUXX-AC/W80V230/ESG clear
800050	AlphaLUXX-AC/W100V230/ESG clear
800044	AlphaLUXX-AC/W120V230/ESG clear

Further information can be found in our product information update 9 | 13