



PERFECT VISIBILITY ANYWHERE, ANYTIME.

Uniform surface lighting and targeted radiation in work areas are the key to safe working. Spotlights from GIFAS ensure the best conditions - in every situation and under extreme operating conditions.

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Floodlights

AlphaLUXX LED Floodlights General



AlphaLUXX 80-120

AlphaLUXX 25-60

The AlphaLUXX floodlights are 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.

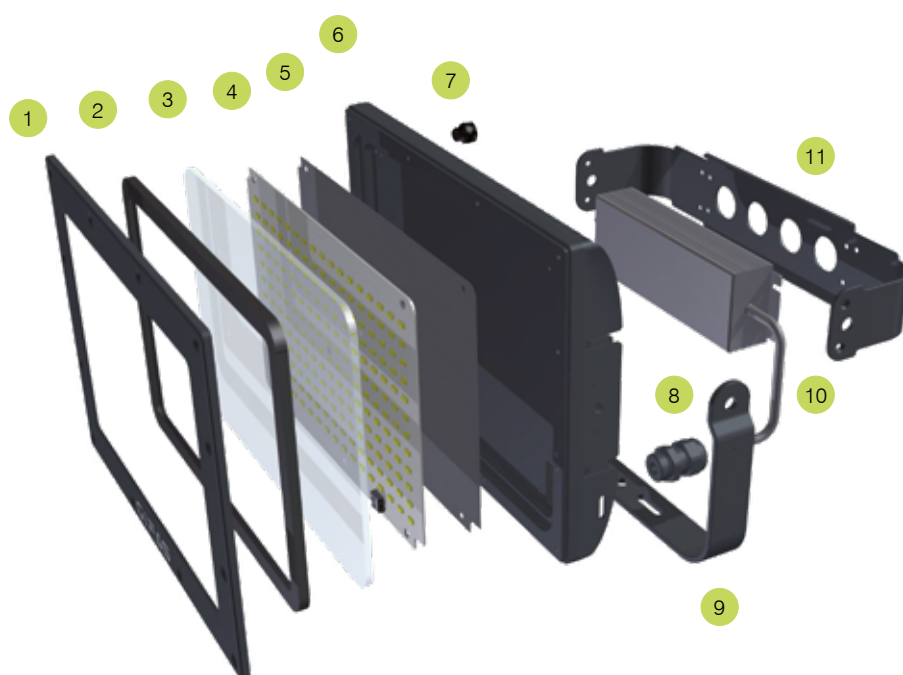
Short response time from the Neuss located factory is guaranteed, meaning we are able to customize the questioned prduct in regards to custom outputs from the panels, various cable length and special colour conditions.

- ✓ Made in Germany
- ✓ PTFE surface coating
- ✓ Optional as vibration-proof version
- ✓ Suitable for use in industrial premises with fire hazards (D rating label)
- ✓ Approved for the food industry (according to IFS)

Product features

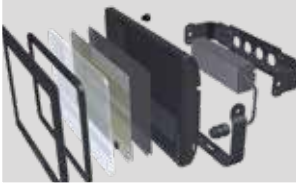
- Robust housing made of corrosion-resistant die-cast aluminium
- Dirt-resistant PTFE surface coating, approved for the food industry
- Toughened safety glass (ESG) or impact resistant plastic cover (PC)
- Custom-made U-profile seal surrounding all sides
- Custom-made, durable, heat-conducting film for 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

Construction



- 1 Die-cast aluminium frame
- 2 U-profile silicon seal
- 3 Front panel (toughened glass or PC)
- 4 LED board
- 5 Heat conducting film
- 6 Die-cast aluminium housing
- 7 Pressure compensation element
- 8 Screwed cable gland
- 9 Mounting bracket
- 10 Power supply
- 11 Power supply bracket

AlphaLUX LED Floodlights General



Development Approach

This development is based on the need to manufacture a floodlight which merits the **MADE IN GERMANY** mark of excellence, in terms of performance and quality. With the AlphaLUX, GIFAS has succeeded in developing a competitive LED floodlight that satisfies the highest demands and can also be used in challenging industrial sectors (for example, the food industry).



LED

The AlphaLUX uses exclusively **high-end SMD LEDs** from reputable manufacturers, which are ideal in terms of light quality, lifecycle, light colour and efficiency. The neutral, white 5000K light and the good colour rendering index of over $R_a 80$, match the maximum human vision in daylight and as a result the best resolution of detail.



Surface coating

Industrial lights often have problems with dirt gathering on the surface and the associated reduction in cooling capability. The **PTFE surface coating (coll. Teflon®)** on the AlphaLUX has a very low friction coefficient. Dust and dirt literally „bead“ off the light. Even harsh acids cannot attack a PTFE coating. An improved thermal conductivity results from the four-times thinner PTFE coating, in comparison with other powder coating.



Technology

The **AlphaLUX** impresses with the enormous **efficiency of up to 167 lumens per watt**. Also available as a dimmable version.



Thermal management

Efficient cooling is crucial to the longevity of the LEDs and ultimately affects the whole lighting system. In order to achieve this on a long-term basis for the AlphaLUX, several technical components have been used for optimum thermal management. These include a heat sink (housing with cooling fins) made of highly thermo-conductive die-cast aluminium, a PTFE surface with a very thin coating and heat conducting film for optimum connection of the contact areas. We can therefore ensure an **operating temperature range of up to 60° Celsius**.



Quality

The components are selected according to the highest quality standards. High-alloy, corrosion-resistant aluminium housing (230D), stainless steel installation material (V4A), LEDs and electronics from reputable manufacturers (Seoul Semiconductor and Meanwell). Individual testing of every light in accordance with DIN EN 60598-1, certified according to ENEC. The specific coordination of the technical components attains a **service life of 80,000 hours**.

Floodlights

AlphaLUXX 25-60 LED Floodlights



*for version with PC cover

The AlphaLUXX 25-60 is the practical version for mobile use and convinces with its quality, performance and handling.

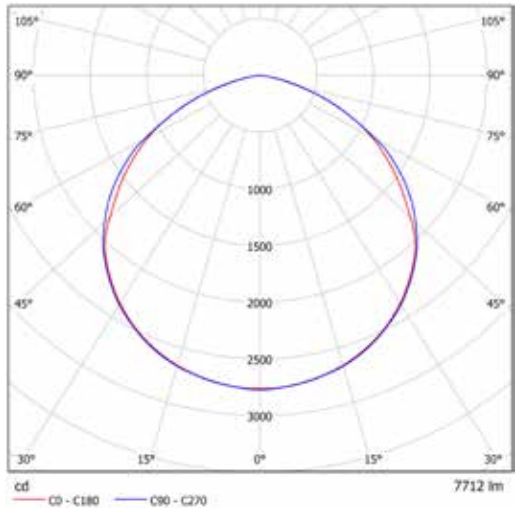
Technical data

| | |
|--------------------------------|--|
| Input voltage | 100-277 VAC (50/60Hz) |
| Light source | SMD-LEDs |
| Version | 25 / 40 / 60 |
| System performance | 25W / 40W / 60W |
| Lighting current | 3550lm / 5500lm / 7800lm |
| System Efficiency | 142lm/W / 138lm/W / 128lm/W |
| Light colour | 5000K |
| Beam angle | 120° |
| CRI | Ra >80 |
| Service life | > 80000h [L70/B10] |
| Protection category | IP65 |
| Protection class | I |
| Shock resistance | IK10 (Version: PC cover) |
| Operating range of temperature | 25W -30°C to +60°C 40W -30°C to +55°C 60W -30°C to +50°C |
| Max. surface temperature | +90°C (suitable for use in industrial premises with fire hazards), D rating label |
| Housing | Die-cast aluminium |
| Housing surface | PTFE-coated (approved for the food industry) |
| Housing colour | black |
| Cover | 3mm PC clear, optional 3mm PC satin finish or 3mm ESG clear or satin finish |
| Connection cable | 1m |
| Weight | approx. 27kg |
| Dimensions (LxWxH) | 289x176x85.5mm |



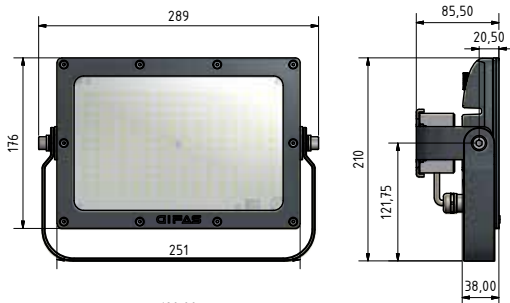
| Item no. | Description |
|----------|---|
| 800083 | AlphaLUXX/W25V230/PC clear |
| 292147 | AlphaLUXX/W25V230/ESG clear |
| 800075 | AlphaLUXX/W40V230/PC clear |
| 291482 | AlphaLUXX/W40V230/ESG clear |
| 800084 | AlphaLUXX/W60V230/PC clear |
| 292914 | AlphaLUXX/W60V230/ESG clear |
| 290777 | Connecting cable 5m H07RN-F H07RN-F 3x1.5mm² with protective contact plug and cable connector |

Light distribution



D rating according to per VDE 0711-2-24 or EN 60598-2-24.

Dimensions



Optional

- Further colour temperatures
- Low voltage versions 20-48VDC
- Other housing colours
- Satin-finished glass
- Double-classed cover

AlphaLUXX 25-60 RF LED Floodlight vibration-proof



Base frame für AlphaLUXX 25-60



Base frame
Item no. 289356

The AlphaLUXX RF -vibration-proof- is developed for special mechanical loads, such as use on moving or vibrating machine parts, conveyor belts or vehicles. Vibration-damped mounting of the ballast and special securing of all screws enable this floodlight being robust against vibrations.

The base frame is an easy way to convert an AlphaLUXX 25-60 into a mobile work lamp. The floodlight can be screwed into the frame in a few simple steps to be available for mobile use.

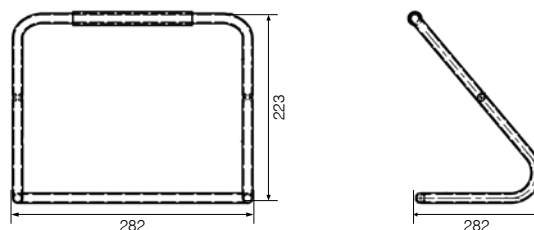
Technical data

| | |
|--------------------------------|--|
| Input voltage | 100-277 VAC (50/60Hz) |
| Light source | SMD-LEDs |
| Version | 25 / 40 / 60 |
| System performance | 25W / 40W / 60W |
| Lighting current | 3550lm / 5500lm / 7800lm |
| System Efficiency | 142lm/W / 138lm/W / 128lm/W |
| Light colour | 5000K |
| Beam angle | 120° |
| CRI | Ra >80 |
| Service life | > 80000h [L70/B10] |
| Protection category | IP65 |
| Protection class | I |
| Shock resistance | IK10 (Version: PC cover) |
| Operating range of temperature | 25W -30°C to +60°C 40W -30°C to +55°C 60W -30°C to +50°C |
| Max. surface temperature | +90°C (suitable for use in industrial premises with fire hazards), D rating label |
| Housing | Die-cast aluminium |
| Housing surface | PTFE-coated |
| Housing colour | black |
| Cover | 3mm PC clear |
| Connection cable | 1m |
| Weight | approx. 2.7kg |
| Dimensions (LxWxH) | 289x176x85.5mm |

Technical data

| | |
|--------------------|---------------------------------|
| Material | aluminium |
| Surface | powder-coated in black, RAL9005 |
| Thickness | 3mm |
| Dimensions (WxHxD) | 282x223x142mm |

| Item no. | Description |
|----------|--------------------------------|
| 289356 | Base frame for AlphaLUXX 25-60 |



D rating according to per VDE 0711-2-24 or EN 60598-2-24.

| Item no. | Description |
|----------|---|
| 291802 | AlphaLUXX/W25V230/PC clear |
| 291431 | AlphaLUXX/W40V230/PC clear |
| 290321 | AlphaLUXX/W60V230/PC clear |
| 290777 | Connecting cable 5m H07RN-F H07RN-F 3x1.5mm² with protective contact plug and cable connector |



AlphaLUX 80-120 LED Floodlights



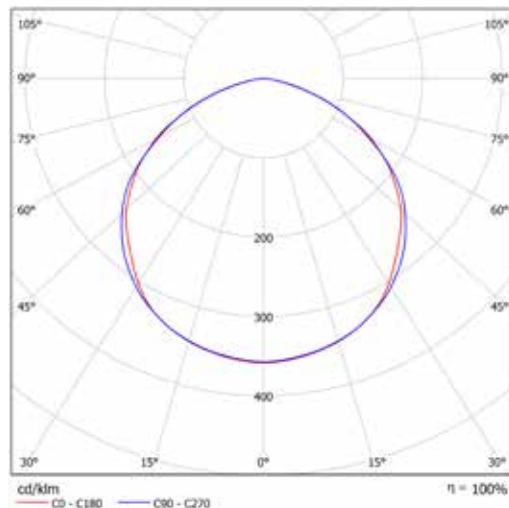
The AlphaLUX 80-120 boasts impressive efficiency and is also available as a dimmable version.

Technical data

| | |
|-----------------------------------|---|
| Input voltage | 100-277 VAC (50/60Hz) |
| Light source | SMD-LEDs |
| Version | 80 / 100 / 120 |
| System performance | 86W / 111W / 128W |
| Lighting current | 12800lm / 16500lm / 18700lm |
| System Efficiency | 149lm/W / 149lm/W / 146lm/W |
| Light colour | 5.000K |
| Beam angle | 120° |
| CRI | Ra >80 |
| Service life | > 80000h [L70/B10] |
| Protection category | IP65 |
| Protection class | I |
| Operating range of temperature | 80W -30°C to +60°C 100W -30°C to +55°C 120W -30°C to +50°C |
| Max. surface temperature | +90°C (suitable for use in industrial premises with fire hazards), D rating label |
| Housing | Die-cast aluminium |
| Housing surface | PTFE-coated (approved for the food industry) |
| Housing colour | black |
| Cover | 5mm PC clear, optional satin finish or 5mm ESG satin finish, clear |
| Connection cable | 1m |
| Weight | approx. 7.0kg |
| Dimensions (LxWxH) | 389x252x106.5mm |

| Item no. | Description |
|----------|---|
| 800074 | AlphaLUXx/W80V230/PC clear |
| 800049 | AlphaLUXx/W80V230/ESG clear |
| 800098 | AlphaLUXx/W100V230/PC clear |
| 800048 | AlphaLUXx/W100V230/ESG clear |
| 800054 | AlphaLUXx/W120V230/PC clear clear |
| 800043 | AlphaLUXx/W120V230/ESG klar |
| 290777 | Connecting cable 5m H07RN-F H07RN-F 3x1.5mm ² with protective contact plug and cable connector |

Light distribution

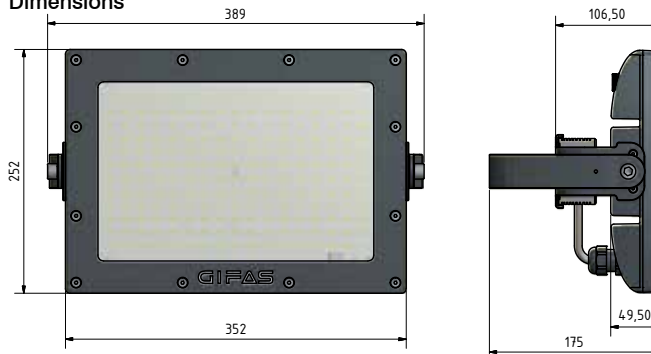


D rating according to per VDE 0711-2-24 or EN 60598-2-24.

Optional

- Optional**
- Further colour temperatures
 - Light control (DALI, 1-10V dimming)
 - Low voltage versions 20-48VDC
 - Other housing colours
 - Satin-finished glass
 - Double-classed cover

Dimensions



AlphaLUXX 80-120 RF
LED Floodlight vibration-proof


The AlphaLUXX RF -vibration-proof- is developed for special mechanical loads, such as use on moving or vibrating machine parts, conveyor belts or vehicles. Vibration-damped mounting of the ballast and special securing of all screws enable this floodlight being robust against vibrations.

Technical data

| | |
|--------------------------------|--|
| Input voltage | 100-277 VAC (50/60Hz) |
| Light source | SMD-LEDs |
| Version | 80 / 100 / 120 |
| System performance | 86W / 111W / 128W |
| Lighting current | 12800lm / 16500lm / 18700lm |
| System Efficiency | 149lm/W / 149lm/W / 146lm/W |
| Light colour | 5000K |
| Beam angle | 120° |
| CRI | Ra >80 |
| Service life | > 80000h [L70/B10] |
| Protection category | IP65 |
| Protection class | I |
| Operating range of temperature | 80W -30°C to +60°C 100W -30°C to +55°C 120W -30°C to +50°C |
| Max. surface temperature | +90°C (suitable for use in industrial premises with fire hazards), D rating label |
| Housing | Die-cast aluminium |
| Housing surface | PTFE-coated |
| Housing colour | black |
| Cover | 5mm PC clear |
| Connection cable | 1m |
| Weight | approx. 7.0kg |
| Dimensions (LxWxH) | 389x252x106.5mm |

D rating according to per VDE 0711-2-24 or EN 60598-2-24.

Base frame
für AlphaLUXX 80-120

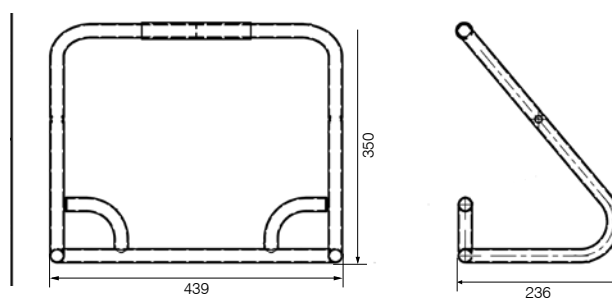

Base frame
Item no. 286996

The base frame is an easy way to convert an AlphaLUXX 80-120 into a mobile work lamp. The floodlight can be screwed into the frame in a few simple steps to be available for mobile use.

Technical data

| | |
|--------------------|---------------------------------|
| Material | aluminium |
| Surface | powder-coated in black, RAL9005 |
| Thickness | 3mm |
| Dimensions (WxHxD) | 439x350x236mm |

| Item no. | Description |
|----------|--------------------------------|
| 286996 | Base frame for AlphaLUXX 25-60 |



| Item no. | Description |
|----------|---|
| 289427 | AlphaLUXX/W80V230/PC clear |
| 293517 | AlphaLUXX/W100V230/PC clear |
| 290320 | AlphaLUXX/W120V230/PC clear |
| 290777 | Connecting cable 5m H07RN-F H07RN-F 3x1.5mm² with protective contact plug and cable connector |

Floodlights

AlphaLUXX 80-120 LED Floodlights with optics



*for version with PC cover

The LED floodlight of the AlphaLUXX 80-120 series with optics focuses its light where it is needed. With the 60° or 90° optics, high illuminance and optimum light distribution are achieved in the application. The asymmetrical 60°x150° optic is ideal for area or parking lot lighting. Thanks to its high protection classification, the AlphaLUXX is perfectly predestined for outdoor use as a building or area spotlight.

Product features

- Robust housing made of corrosion-resistant die-cast aluminium
- Dirt-repellent PTFE surface coating,
- Approved for food industry
- Single-pane safety glass (ESG) or Impact-resistant plastic pane (PC)
- Low heat generation thanks to state-of-the-art LED technology
- Pressure compensation element for extreme temperature fluctuations
- Full luminous flux is available immediately after switching on
- Low energy consumption with high luminous efficacy
- Wide temperature application range
- No UV/IR radiation

Technical data

| | |
|--------------------------------|--|
| Input voltage | 100-277 VAC |
| Light source | CREE-LEDs |
| Optic | LEDiL |
| Version | 80 / 100 / 120 |
| System performance | 88W / 108W / 127W |
| System efficiency | 131lm/W / 135lm/W / 133lm/W |
| Light colour | 5.000K |
| Beam angle | 60°, 90° symmetric 60°x150° asymmetric |
| CRI | Ra >80 |
| Service life | 80000h [L70/B10] |
| Protection category | IP65 |
| Protection class | I |
| Shock resistance | IK10 (for version with PC cover) |
| Operating range of temperature | 80W -20°C to +60°C 100W -20°C to +55°C 120W -20°C to +50°C |
| Housing material | Die-cast aluminium |
| Housing surface | PTFE-coated, black |
| Cover | 5mm PC clear 5mm ESG clear |
| Connecting cable | 1m H05RN-F |
| Weight | approx. 7.0kg |
| Dimensions (LxWxH) | 340x252x176mm |

| Item no. | Power | Beam angle | Cover | Luminous flux |
|----------|-------|------------|-------|---------------|
| 800341 | 80W | 60° | PC | 11600lm |
| 800339 | 80W | 60° | ESG | 11600lm |
| 800342 | 80W | 90° | PC | 11600lm |
| 800340 | 80W | 90° | ESG | 11600lm |
| 800415 | 80W | 60°x150° | PC | 11000lm |
| 800414 | 80W | 60°x150° | ESG | 11000lm |
| 800337 | 100W | 60° | PC | 14300lm |
| 800335 | 100W | 60° | ESG | 14300lm |
| 800338 | 100W | 90° | PC | 14300lm |
| 800336 | 100W | 90° | ESG | 14300lm |
| 800413 | 100W | 60°x150° | PC | 13600lm |
| 800412 | 100W | 60°x150° | ESG | 13600lm |
| 800333 | 120W | 60° | PC | 16900lm |
| 800331 | 120W | 60° | ESG | 16900lm |
| 800334 | 120W | 90° | PC | 16900lm |
| 800332 | 120W | 90° | ESG | 16900lm |
| 800411 | 120W | 60°x150° | PC | 16100lm |
| 800410 | 120W | 60°x150° | ESG | 16100lm |

AlphaLUXX 2x60W Universal light container



The modern universal light container impresses with two LED floodlights with a total of more than 15.000 lumens and 120 watts of power consumption and is used to quickly illuminate operational sites.

The container can be used on the floor as well as on a tripod. It has a 5 meter long connection cable with an earthed plug or IP68 plug, which can be wound directly onto the frame to save space.

The two 60W LED floodlights are powered directly on the container. The compact headlights allow great freedom of movement and can be freely rotated and tilted. Illumination is possible up to an angle of 300 degrees. Thanks to effective temperature management, the spotlights only heat up slightly during long operations, which has a positive effect on the life of the LEDs. After use, the container can be stowed away immediately without cooling down.

Product features

- Optimal protection and safe transport of the LED floodlights
- Stable tubular steel frame, coated in yellow
- Integrated cable winder
- LED floodlights can be freely rotated and tilted
- Handle cover with insulating material
- Approved for fire-risk locations (D-Labeling)

**D rating according to per VDE 0711-2-24or
EN 60598-2-24**

Technical data

System

| | |
|---------------------|----------------|
| System performance | 120W |
| Luminous flux | 15400lm |
| System efficiency | 129lm/W |
| Protection category | IP65 |
| Weight | approx. 10.0kg |
| Dimensions (WxDxH) | 635x225x350mm |

LED floodlight

| | |
|--------------------------------|--|
| Input voltage | 100-240VAC |
| Luminous flux | approx. 7700lm |
| System performance | approx. 60W |
| System efficiency | approx. 129lm/W |
| CRI-Index | Ra >80 |
| Service life | 80000h [L70/B10] |
| Light colour | 5000K |
| Housing material | Die-cast aluminium |
| Housing surface | PTFE-coated, black |
| Front glass | 3mm Polycarbonat |
| Protection category | IP65 |
| Protection class | I |
| Max. surface temperature | 90°C (suitable for use in fire-risk locations) |
| Operating range of temperature | -30°C to +50°C |
| Storage temperature | -35°C to +70°C |
| Weight | 2.7kg |

| Item no. | Description |
|----------|--|
| 292339 | AlphaLUXX universal light container industry, with 5m connecting cable H07RN-F with protective contact plug, tripod mount 38mm |
| 291770 | AlphaLUXX universal light container safety device, 5m connecting cable H07RN-F with blue protective contact plug, IP68 and mounted protective cap on the belt, tripod mount 30mm via adapter insert according to DIN 14640 |

Floodlights

FlutLED MODULAR 2 High-power floodlight General



Modular LED high-power floodlight - FloodLED MODULAR 2

Modular design, single-LED technology and the latest high-efficiency driver technology have been combined to create a new LED luminaire, the MODULAR floodlight from GIFAS ELECTRIC. In addition to being energy efficient and high reliability, the luminaire is also the luminaire impresses with its simple and robust design. Thanks to the availability of different wattages, various optics and light colours, all lighting requirements can be met, from uniform, wide-area runway and construction site lighting to a wide variety of outdoor areas and the illumination of a tower crane. of a tower crane, all lighting requirements can be solved.



Freely swivelling module banks

The continuously swivelling module banks (à 450W) can be easily swivelled when the luminaire is mounted to achieve optimum illumination and uniformity depending on the lighting situation. We recommend aligning the module banks in the dark to perfectly adapt the setting to the application.



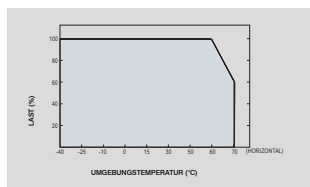
Optics

To ensure that light distribution over large areas is uniform and homogeneous, each LED has been equipped with a single lens. This enables the light to be directed in a targeted manner and increases the quality of illumination.



Driver electronics

The latest high-efficiency driver technology ensures low power losses (>0.98) and safe operation of the LED luminaire. Due to the easily accessible position of the driver under an easily removable protective cover, the driver can be replaced quickly, easily and safely. The protective cover provides additional protection of the driver from external influences.



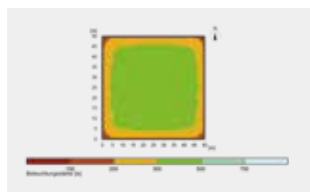
Thermal management

In order not to damage the LED driver and the LED modules, every FloodLED MODULAR luminaire has an integrated thermal management system. If the temperature rises, the luminaire first reduces its light output by up to 60% until it finally switches off completely if the temperature rises again. finally switches off completely.



Swivelling bracket

The 270° swivelling bracket enables universal use of the luminaire; depending on the mounting situation, the bracket can be adjusted accordingly. The luminaire is thus ideally equipped for any mounting situation.



Beam angle

Various symmetrical and asymmetrical beam angles enable uniform and wide-area illumination of large surfaces and areas (e.g. construction sites, ski slopes, outdoor storage areas, ...). The combination of beam angle, tilt adjustment and freely swivelling module banks makes the luminaire an all-rounder in the high-performance range of LED luminaires.

FlutLED MODULAR 2 High-power floodlight


230W

450W

680W

900W

The high-power floodlight FloodLED MODULAR 2 is designed for high-intensity indoor and outdoor applications. The LED modules with symmetrical or asymmetrical optics can be tilted and allow perfect alignment to the area to be illuminated. The different optics and power classes cover a wide range of surface geometries from industrial or sports grounds to airfields. The universal bracket allows different types of mounting such as wall or ceiling mounting as well as mounting on a truss.

Product features

- full luminous flux, available immediately
- low energy consumption with high luminous efficacy
- minimal temperature development
- high energy efficiency
- maintenance-free
- no UV/IR radiation
- insensitive to impact and vibration
- tilt adjustment of individual LED modules possible

Technical data

| | |
|-----------------------------|---|
| Input voltage | 100 - 230VAC, 50-60 Hz |
| System power | 230W / 450W / 680W / 900W / 1350W |
| Luminous flux (110°) | 32800lm / 65700lm / 98500lm / 131400lm / 197000lm |
| Light colour | 5700K |
| CRI | Ra > 70 |
| Beam angle | 60° / 110° 130°x40° asymmetric |
| Service life | 50000h [L70/B30] |
| Protection category | IP66 |
| Protection class | I |
| Shock resistance | IK10 |
| Temperature operating range | -20°C to +50°C |
| Housing | Die-cast aluminium |
| Cover | PC |
| Connection cable | |
| 230W | 1.5m H05RN-F 3x1.0mm² |
| 450W / 680W / 900W / 1350W | 1m H07RN-F 3x1.5mm² |
| Weight | 7kg / 19.4kg / 24.1kg / 33.3kg / 42.8kg |
| Dimensions (WxHxL) | |
| 230W | 340x373x185mm |
| 450W | 390x685x240mm |
| 680W | 390x890x240mm |
| 900W | 700x685x240mm |
| 1350W | 700x890x240mm |

| Item no. | Description |
|----------|---------------------------------------|
| 317115 | FlutLED MODULAR2/W230V230/60° |
| 323718 | FlutLED MODULAR2/W230V230/110° |
| 311562 | FlutLED MODULAR2/W450V230/60° |
| 311556 | FlutLED MODULAR2/W450V230/110° |
| 305101 | FlutLED MODULAR2/W450V230/130°x40° |
| 311557 | FlutLED MODULAR2/W680V230/60° |
| 311558 | FlutLED MODULAR2/W680V230/110° |
| 305102 | FlutLED MODULAR2/W680V230/130°x40° |
| 311563 | FlutLED MODULAR2/W900V230/60° |
| 311559 | FlutLED MODULAR2/W900V230/110° |
| 305103 | FlutLED MODULAR2/W900V230/130°x40° |
| 311560 | FlutLED/MODULAR2/W1350V230/60°/- |
| 311561 | FlutLED/MODULAR2/W1350V230/110°/- |
| 305150 | FlutLED/MODULAR2/W1350V230/130°x40°/- |

TOP !

Tilt adjustment



On request

- Optics with 15°, 25°, 90° or asymmetrical 130°x25°
- DALI dimmable
- Light colours 3000K and 4000K optional

Spotlights

SpotLED 24 LED Spotlights



TOP !

The powerful and energy-efficient SpotLED spotlights with state-of-the-art LED technology offer extensive usage options for outdoor and indoor lighting. The housing material (cast aluminium) can be combined individually with other components (LED, lenses, colours) and can be used for a variety of lighting purposes.

The spotlight has a maximum swivel angle of 165°. The SpotLED is supplied as standard with a clip which can be used for wall mounting. Whether it be outdoors on transport or working vehicles (construction, agriculture, cleaning, waste disposal, snow equipment) or in gardens and on facades, the SpotLED casts everything in a favourable light. Indoors too, there are a wealth of possible uses in rooms and workstations.

Product features

- Vibration-resistant
- Housing with cooling fins for optimised heat dissipation
- Housing available in white, silver-grey, black
- Clip made from stainless steel V2A, powder-coated
- Various beam angles available (different lenses)
- Connection via potentiometer possible for brightness adjustment (500kOhm, positive logarithm)

Technical data

| | |
|-----------------------------------|--|
| Input voltage | 12-30VDC or 24VDC via 230VAC power supply unit |
| Power supply | 24VDC 500mA 12VDC 950mA |
| Light source | 5x3W Power LEDs |
| Light colour | 6350 - 7000K 2800 - 3200K Alternative colour filter red/green/yellow |
| Beam angle | Spot 10° Medium 38° Wide 67° |
| Protection category | IP66 |
| Protection class | III |
| Operating range of temperature | -10°C to +45°C |
| Surface temperature | max. 55°C |
| Housing | Die-cast aluminium |
| Weight | 350g |
| Dimensions (WxHxD) | 108x67x82mm |

| Connecting socket Item no. | Fixed connection 5m Item no. | Description | Housing colour | Light colour in K |
|----------------------------------|---------------------------------------|-------------|-------------------|-------------------------|
| 268315 | 267779 | Spot | white | cool white |
| 268309 | 267780 | Spot | silver-grey | cool white |
| 268312 | 267781 | Spot | black | cool white |
| 268308 | 267966 | Medium | silver-grey | cool white |
| 268314 | 267964 | Medium | white | cool white |
| 268311 | 267967 | Medium | black | cool white |
| 281928 | 281922 | Wide | black | cool white |
| 281929 | 281923 | Wide | silver-grey | cool white |
| 281930 | 281924 | Wide | white | cool white |
| 270954 | 270955 | Spot | black | warm white |
| 270950 | 270951 | Spot | white | warm white |
| 270952 | 270953 | Spot | silver-grey | warm white |
| 270934 | 270935 | Medium | silver-grey | warm white |
| 270930 | 270933 | Medium | white | warm white |
| 270936 | 270937 | Medium | black | warm white |
| 281931 | 281925 | Wide | black | warm white |
| 281932 | 281926 | Wide | silver-grey | warm white |
| 281933 | 281927 | Wide | white | warm white |

Accessories

| | |
|--------|---|
| 270922 | Safety grille V2A |
| 270923 | Safety glass PC transparent |
| 268167 | Colour filter set: 3 colour filter attachments in red, green and yellow |
| 268322 | Plug for cigarette light, 5m cable, for junction box description |
| 267963 | Connector power supply for junction box description |
| 268321 | Connector with 5 m cable for description with junction box |
| 270489 | Magnetic clamp, force 180N |
| 267765 | Star grip |
| 267829 | Power supply 1-phase 1.1 A / 25W, 230 / 24 VDC |
| 267828 | Power supply 1-phase 2.2 A / 50W, 230 / 24 VDC |



12 VDC charging cable with 5m cable 2 x 0.5mm², socket angled for cigarette lighter Item no. 268322



230/24 VDC plug-in power supply with 1.8m cable and angled coupling for rated power of max. 24W Item no. 267963



Connecting cable 5m black, angled with socket 3P, IP67, 3 x 0.25mm² Item no. 268321



Safety grille V2A Item no. 270922



PC transparent safety glass for SpotLED Item no. 270923



Colour filter attachments, set of 3, green, red, yellow Item no. 268167

Other designs available upon request.

SpotLED 230 LED Spotlights



Whether it be homes or advertising spaces, the SpotLED 230 put the spotlight superbly on your property. The SpotLED 230 requires less than 30 Watt to bathe its surroundings in gleaming light. This incredible efficiency is made possible through the use of 8 Power LEDs as the illuminant. The LED spotlight is mounted in a stable clip. It can be swivelled and secured in place with 2 screws. These spotlights are also ideal in combination with movement sensors. The large cooling fins on the back of the spotlight ensure optimum cooling.

Product features

- Housing made from die-cast aluminium with cooling fins
- Housing colour silver-grey
- Optimised heat dissipation
- Overheating protection
- Mounting clip made from stainless steel, powder-coated, pivotable

Technical data

| | |
|--------------------------------|--|
| Input voltage | 230VAC |
| Power supply | 120mA |
| Light source | 8x3W Power LEDs |
| Light colour | 2800-3300K 3700-4300K 5700-7000K |
| Beam angle | Spot 10° Medium 38° Wide 67° |
| Protection category | IP66 |
| Protection class | I |
| Operating range of temperature | -10°C to +45°C |
| Housing | Die-cast aluminium |
| Surface temperature | < 50°C |
| Weight | 1000g |
| Dimensions (WxHxD) | 170x89x105mm |

Over temperature protection

Temperature of the LEDs is monitored. If temperature reaches a specified maximum LED temperature, brightness will be automatically reduced. If temperature decreases under the maximum specified LED temperature brightness will be adjusted to the set value.

Dimming

The spotlight can be dimmed with most of common phase angle control dimmers.

With connecting cable on request.

| Item no. | Description | Light colour | Cable gland/ dummy plug |
|-------------|---|---------------|----------------------------|
| 860200 | Spot | warm white | M16/1x |
| 860201 | Medium | warm white | M16/1x |
| 860202 | Wide | warm white | M16/1x |
| 860206 | Spot | comfort white | M16/1x |
| 860203 | Medium | comfort white | M16/1x |
| 860207 | Wide | comfort white | M16/1x |
| 860204 | Spot | cool white | M16/1x |
| 860205 | Medium | cool white | M16/1x |
| 860186 | Wide | cool white | M16/1x |
| Accessories | | | |
| 273854 | Compl. standing clip incl. 2 wing screws, 2 spacers and 6 clip protectors | | |
| 273855 | M5 x 25 mm wing screw (2 x required) | | |
| 273856 | Clip protector (6 x required) | | |



Standing clip, Item no. 273854

Workstation lights

SpotLED FLEX Workstation LED spotlight



The SpotLED FLEX work light guarantees excellent visibility in every situation; it is a highly effective, small and compact light source, safe and convenient, providing light on an as-needed basis for every illumination task and offering energy-efficient, long-lasting lighting for the specific workplace thanks to state-of-the-art LED technology.

Product features

- Extremely sturdy, can rotate and swivel, vibration-resistant
- Housing with cooling fins for optimised heat dissipation
- Flexible tube and adapter made from steel, black coated
- Clip made from stainless steel V2A, powder-coated
- Can be supplied as a wide or broad beam

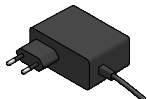
Technical data

| | |
|--------------------------------|---|
| Input voltage | 12-30VDC or via mains unit 230VAC, 24VDC (also available in 24VAC on request) |
| Power supply | 24VDC 500mA 12VDC 950mA |
| Light source | 5x3W PowerLEDs |
| Light colour | 6350-7000K |
| Beam angle | Spot 10° Medium 38° |
| Protection category | IP54 (without connector power supply) |
| Protection class | III |
| Operating range of temperature | -30°C to +45°C |
| Surface temperature: Housing | max. 55°C Die-cast aluminium black coated |
| Weight | 500g |
| Dimensions (WxHxD) | 108x67x82mm (light) |

| Item no. | Description | Manage-ment | Connector power supply | Flexible tube |
|-------------|--|-------------|------------------------|---------------|
| 275211 | Spot | - | - | 200mm |
| 275214 | Spot | - | - | 300mm |
| 275215 | Spot | - | - | 400mm |
| 275595 | Spot | - | - | 600mm |
| 275216 | Medium | - | - | 200mm |
| 275217 | Medium | - | - | 300mm |
| 275218 | Medium | - | - | 400mm |
| 275596 | Medium | - | - | 600mm |
| 275516 | Spot | 1.6m | 230V | 200mm |
| 275517 | Spot | 1.6m | 230V | 300mm |
| 275518 | Spot | 1.6m | 230V | 400mm |
| 275718 | Spot | 1.6m | 230V | 600mm |
| 275519 | Medium | 1.6m | 230V | 200mm |
| 275520 | Medium | 1.6m | 230V | 300mm |
| 275522 | Medium | 1.6m | 230V | 400mm |
| 275719 | Medium | 1.6m | 230V | 600mm |
| Accessories | | | | |
| 275540 | 230VAC/24VDC plug-in power supply with 1.6m, 2x0.5mm ² (PUR cable) connecting cable | | | |
| 275523 | Round magnet, diameter 86 x 20 mm, force 540 N incl. M6 fastening screw | | | |
| 270923 | PC transparent safety glass for SpotLED Flex | | | |
| 270922 | Safety grille V2A | | | |



Round magnet



Plug-in power supply with connecting cable



PC transparent safety glass



Safety grille V2A

Other designs available upon request.

**MasterLED
Workstation LED light**


Type 1
(with 1 joint)



Type 3
(with 3 joints)



Good visibility for safety at work in all situations. The right light source, safe and convenient, provides light on an as-needed basis for every illumination task and offers energy-efficient, long-lasting lighting in commercial situations, industry and applications both indoors and outdoors. The LED workstation light is extremely robust and equipped with shatter-free glass. With its various articulated arms, the MasterLED can rotate and swivel, making it the perfect light for all manner of different uses.

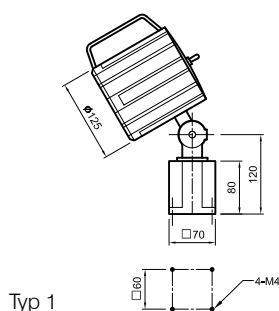
Product features

- Full light flux available immediately
- Low energy consumption with a high light yield
- Extremely resilient to switching (> 1 million)
- Insensitive to shock and vibration
- With satin-finish lens
- Can be rotated and swivelled in various positions
- Screw-on lamp base
- On/Off switch on the rear lamp head
- Grip made from polyamide

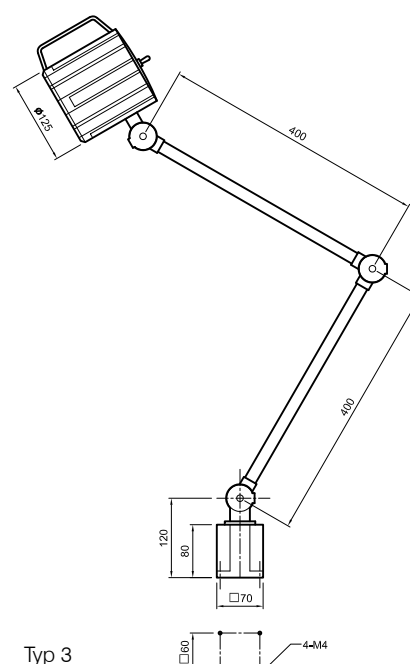
Technical data

| | |
|-----------------------|---|
| Input voltage | 230VAC, 24VAC/DC |
| Light source | 1x20W LED |
| Luminous flux | 1500lm |
| Service life | >50000h |
| Protection category | IP65 |
| Protection class | III when operated at safety low voltage |
| Housing and reflector | Aluminium |
| Cover | Non-shatter safety glass |

| Item no. | Description |
|---------------------------|---|
| 283110 | Type 1 24VAC/DC |
| 283112 | Type 3 24VAC/DC |
| 283113 | Type 1 230VAC |
| 283115 | Type 3 230VAC |
| Accessories / spare parts | |
| 284022 | Screw-on magnetic foot |
| 236643 | Spare switch |
| 236644 | Protective cap for switch |
| 274951 | Type 3 joint stand |
| 236641 | Clear replacement glass |
| 251620 | Glare restriction louvre, black plastic |
| 245361 | Handle |
| 285456 | Screw-on clamp |
| 236645 | Sealing ring for front pane |
| 282898 | 20W LED head |
| 282899 | 230VAC electronics |
| 282900 | 24VAC/DC electronics |



Typ 1



Typ 3

With connecting cable on request

AlphaLUXX



AlphaLUXX with frame



Lighting industrial workshop with welding workplace



Lighting rake plant



Highbay lighting, waste disposal industry



Lighting cowshed



Illumination water basin

AlphaLUXX



Location materials industry



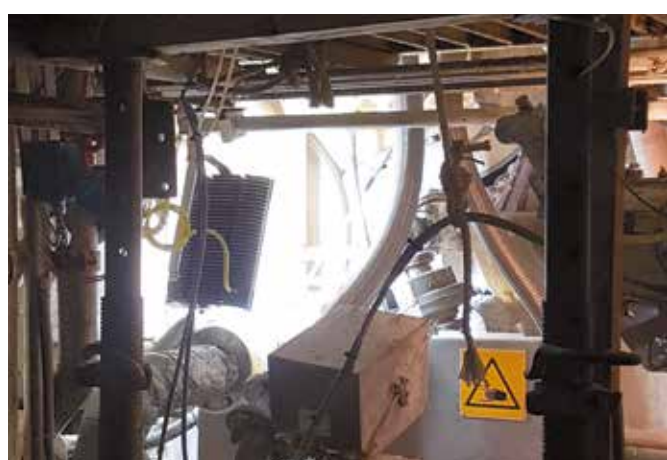
Highbay lighting



Illumination industrial plant



Machine lighting



Machine illumination paper industry

MasterLED / SpotLED / SpotLED FLEX



MasterLED - Workplace lighting lathe



Company sign illumination



In use at a corrugated cardboard factory



Machine lighting



SpotLED FLEX - Lighting aluminum press



SpotLED FLEX - Lighting aluminum processing

GIFAS live experience!

How it works

Download the GIFAS Augmented Reality App free for your smartphone or tablet. Then scan the picture that you can see below - the so-called marker - with the GIFAS app. You are now able to look at the product that you have selected from various angles and all sides. Enjoy your 3D tour!

Instructions

The GIFAS app has been developed for use on modern tablets and smartphones using both Apple iOS and Android operating systems. Older devices and software may experience some limitations in their functionality. Due to the larger display size, the app's features are generally at their best on a tablet.

Tip

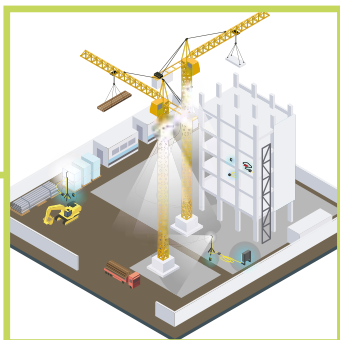
If you need to place your tablet or smartphone very close to the marker for it to be detected, this may be because there isn't enough light. How it's done: First, point the camera at the marker at close range. Once the app has captured the marker and constructed the 3D model, you can slowly move the device away from the marker - up to a distance of 3 metres. Keep the phone or tablet as still as possible.



Download
the GIFAS
app here

WE ARE **EXPERTS** IN YOUR FIELD

Floodlights



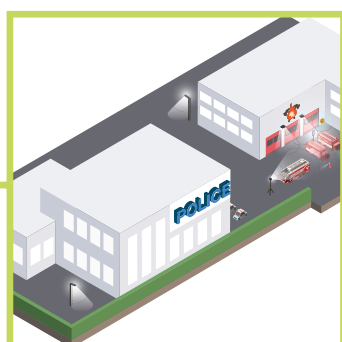
Construction industry



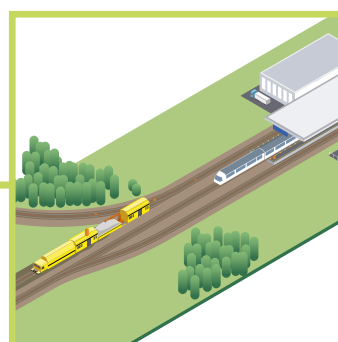
Public sector



Industrial sector



Safety equipment



Transportation

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