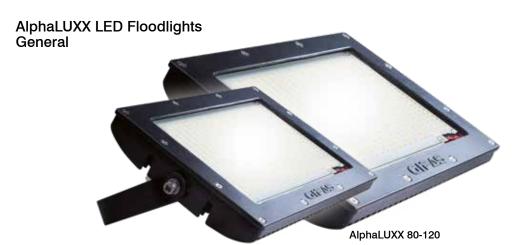# PERFECT VISIBILITY ANYWHERE, ANYTIME.

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.

Floodlights

AlphaLUXX LED Floodlights
General

AlphaLUXX 80-120

AlphaLUXX 25-60

5 years warranty

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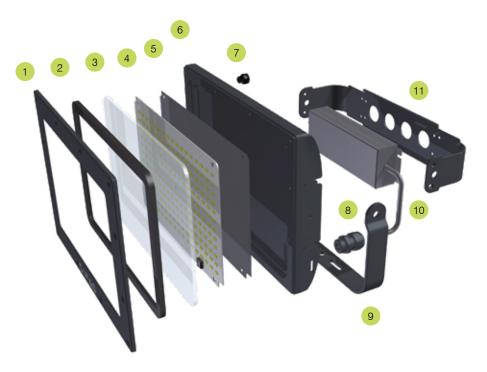
Short response time from the Neuss located factory is guaranteed, meaning we are able to customize the questioned prdouct in regards to custom outputs from the panels, various cable length and special colour conditions.

✓ **Developed and assembled in Germany**
✓ **PTFE surface coating**
✓ **Optional as vibration-proof version**
✓ **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

AlphaLUXX LED Floodlights
General

Development Approach

This development is based on the need to manufacture a floodlight which merits the Developed and assembled in Germany mark of excellence, in terms of performance and quality. With the AlphaLUXX, 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 AlphaLUXX 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 AlphaLUXX 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 **AlphaLUXX** 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 AlphaLUXX, 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. The specific coordination of the technical components attains a **service life of 80,000 hours**.

Floodlights

AlphaLUXX 25-60
LED Floodlights

IK10*

*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

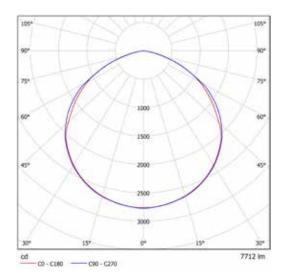|	
Input voltage	100-277 VAC (50/60Hz)
Light source	SMD-LEDs
Version	25 / 40 / 60
System performance	25W / 40W / 60W
Lighting current	3550lm / 5500lm / 7700lm
System Efficiency	142lm/W / 138lm/W / 128lm/W
Light colour	5000K
Beam angle	120°
CRI	Ra >80
Service life	>80000h [L70/B10]
Protection category	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
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. 2.7kg
Dimensions (LxWxH)	289x176x85.5mm

TOP !

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
293825	Mounting bracket steel 5mm

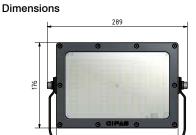### Light distribution

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

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 beeing robust against vibrations.

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 / 7700lm
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
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

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
293825	Mounting bracket steel 5mm

Base frame
für AlphaLUXX 25-60

Base frame
Item no. 289356

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.

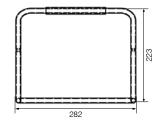### Technical data

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

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

Floodlights

AlphaLUXX 80-120
LED Floodlights

◈ ▲ ▲ ⏚ C E T **IK10**[*]

*for version with PC cover

The AlphaLUXX 80-120 boasts impressive efficiency and ist 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	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
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. 7kg
Dimensions (LxWxH)	389x252x106.5mm

TOP **!**
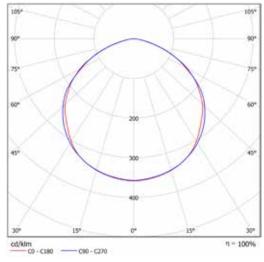
| Item no.	Description
800074	AlphaLUXX/W80V230/PC clear
800049	AlphaLUXX/W80V230/ESG clear
800098	AlphaLUXX/W100V230/PC clear
800048	AlphaLUXX/W100V230/ESG clear
800054	AlphaLUXX/W120V230/PC clear clear
800043	AlphaLUXX/W120V230/ESG klar
290777	Connecting cable 5m H07RN-F H07RN-F 3x1.5mm² with protective contact plug and cable connector
293827	Mounting bracket steel 5mm

Light distribution

Dimensions

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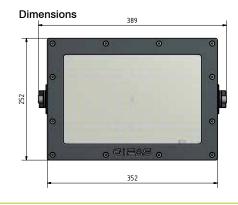
Optional
- Further colour temperatures
- Light control (DALI, 1-10V dimming)
- Low voltage versions 20-48VDC
- Other housing colours
- Satin-finished glass
- Double-classed cover

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 beeing 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
Housing	Die-cast aluminium
Housing surface	PTFE-coated
Housing colour	black
Cover	5mm PC clear
Connection cable	1m
Weight	approx. 7kg
Dimensions (LxWxH)	389x252x106.5mm

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
293827	Mounting bracket steel 5mm

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.

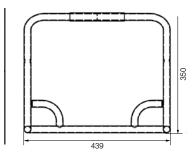### Technical data

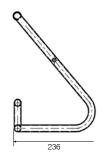|	
Material	aluminium
Surface	powder-coated in black, RAL9005
Thickness	3mm
Dimensions (WxHxD)	439x350x236mm

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

Floodlights

AlphaLUXX 80-120
LED Floodlights with optics

◈ ▲ ▲ ⏚ C E ⊤ **IK10**[*]

*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	132lm/W / 132lm/W / 133lm/W
Light colour	5000K
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. 7kg
Dimensions (LxWxH)	340x252x176mm

Item no.	Power	Beam angle	Cover	Luminous flux
800341	80W	60°	PC	11020lm
800339	80W	60°	ESG	11600lm
800342	80W	90°	PC	11020lm
800340	80W	90°	ESG	11600lm
800415	80W	60°x150°	PC	10450lm
800414	80W	60°x150°	ESG	11000lm
800337	100W	60°	PC	13585lm
800335	100W	60°	ESG	14300lm
800338	100W	90°	PC	13585lm
800336	100W	90°	ESG	14300lm
800413	100W	60°x150°	PC	12920lm
800412	100W	60°x150°	ESG	13600lm
800333	120W	60°	PC	16055lm
800331	120W	60°	ESG	16900lm
800334	120W	90°	PC	16055lm
800332	120W	90°	ESG	16900lm
800411	120W	60°x150°	PC	15295lm
800410	120W	60°x150°	ESG	16100lm

AlphaLUXX 2x60W
Universal light container

◈ ⚠ ⚠ ⏚ C E ⊤ **IK10***

*for version with PC cover

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

Technical data

System

System performance	120W
Luminous flux	15400lm
System efficiency	129lm/W
Protection category	IP65
Weight	approx. 13,5kg
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
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 efficiency 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 (á 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.
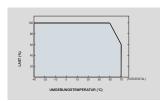

Optics
To ensure that light distribution over large areas is uniform and homogeneous, each LED has been equipped with a single lens. This enables the light to be directed in a targeted manner and increases the quality of illumination.

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.
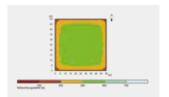

Thermal management
In order not to damage the LED driver and the LED modules, every FloodLED MODULAR luminaire has an integrated thermal management system. If the temperature rises, the luminaire first reduces its light output by up to 60% until it finally switches off completely if the temperature rises 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
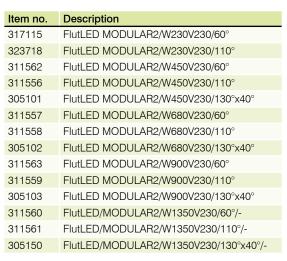
Item no.	Description
317115	FlutLED MODULAR2/W230V230/60°
323718	FlutLED MODULAR2/W230V230/110°
311562	FlutLED MODULAR2/W450V230/60°
311556	FlutLED MODULAR2/W450V230/110°
305101	FlutLED MODULAR2/W450V230/130°x40°
311557	FlutLED MODULAR2/W680V230/60°
311558	FlutLED MODULAR2/W680V230/110°
305102	FlutLED 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

Floodlights

FlutLED 3 SR DALI
LED spotlight salt water resistant

◈ ▲ ▲ ▽ ⏚ C E T ⟪ **IK08**

The FlutLED 3 SR DALI floodlight is ideal for large indoor and outdoor areas such as industrial plants, logistics areas and airfields. Thanks to the angle adjustment bracket, it can be mounted on a wall, ceiling or truss and optimally aligned.

The robust die-cast aluminium housing with self-cleaning function as well as the aluminium bracket and stainless steel screws offer good corrosion protection, even against salt water. The spotlight is also dimmable via DALI 2 and enables customised lighting control.

The FlutLED 3 SR DALI combines performance, flexibility and durability in a compact design to reliably master demanding lighting tasks.

Item no.	Description
341077	FlutLED 3 SR, 75W, 230V, 5000K, approx. 10000lm
341078	FlutLED 3 SR, 150W, 230V, 5000K, approx. 13300lm
341079	FlutLED 3 SR, 200W, 230V, 5000K, approx. 26000lm
341080	FlutLED 3 SR, 240W, 230V, 5000K, approx. 32800lm

Product features

- Smooth housing with self-cleaning function
- Precise angle adjustment bracket, flexible installation
- Die-cast aluminium housing, aluminium bracket and stainless steel screws, good corrosion resistance even against salt water
- Dimmable via DALI 2

Technical data

Input voltage	100-240VAC 50/60Hz
System power	75W / 150W / 200W / 240W
Luminous flux	approx. 10,000lm / approx. 13,300lm / approx. 26,000lm / approx. 32,800lm
Light colour	5,000K
CRI index	Ra >80
Beam angle	110°
LED service life	82,000h [L80/B50]
Protection category	IP66
Impact resistance	IK08
Temperature Application range	-20°C to +50°C
Housing material	Die-cast aluminium
Housing colour	dark grey
Cover	ESG clear
Mounting	Bracket mounting
Weight	3.6kg / 4.8kg / 6.4kg / 6.4kg
Dimensions (WxHxD)	
75W	260x386x151mm
150W	300x427x169mm
200W / 240W	320x482x179mm

SpotLED 24
LED Spotlights

TOP!

◆ ⬦ CE

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

Other designs available upon request.

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

Spotlights

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

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:		max. 55°C
Housing		Die-cast aluminium
		black coated
Weight		500g
Dimensions (WxHxD)		108x67x82mm (light)

Item no.	Description	Management	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, 2x0.5mm² (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.

Workstation lights

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
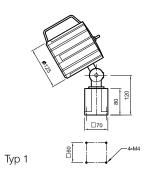- Grip made from polyamide

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
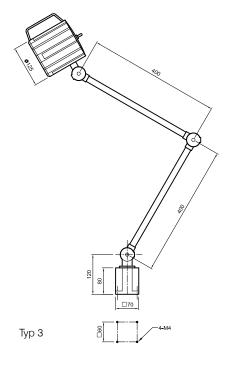
Item no.	Description
283110	Type 1 24VAC/DC
283112	Type 3 24VAC/DC
283113	Type 1 230VAC
283115	Type 3 230VAC
Accessories / spare parts	
284022	Screw-on magnetic foot
236643	Spare switch
236644	Protective cap for switch
274951	Type 3 joint stand
236641	Clear replacement glass
251620	Glare restriction 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

GIFAS
ELECTRIC

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

GIFAS
ELECTRIC

WE ARE EXPERTS
IN YOUR FIELD

Floodlights

Construction industry

Public sector

Industrial sector

Safety equipment

Transportation

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