

YOUR WISHES ARE OUR BENCHMARK

Technical lighting

Catalogue



GIFAS
E L E C T R I C

09

Portable work light

- Rechargeable and battery-powered lights
- Torches
- Large area lights

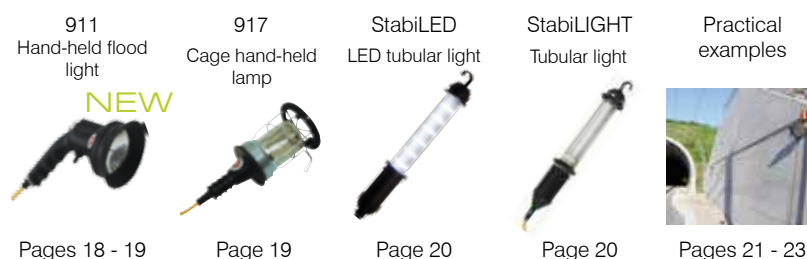
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Portable work light

- Cage lamps
- Tubular lights

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Spotlights

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ApolloLED
Area light



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ApolloLIGHT
Area light



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Flood light



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MULTI
Work light



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NovaLIGHT
Work light



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FlutLED
LED spotlight
50 Watt



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FlutLED
LED spotlight
70 Watt



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FlutLED
LED spotlight
2x70 Watt



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FlutLED
LED spotlight 995
100 Watt



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FlutLED
LED spotlight 9530
200 Watt



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Practical
examples



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FlashLED
rechargeable battery light with emergency light function

NEW
with
Li-Ion Akku



State-of-the-art charging and monitoring electronics coupled with the latest LED technology form the basis of this development. The latest Li-Ion technology ensures high energy density and maximum service life (up to 1000 cycles). The GIFAS battery management system is used to monitor and verify all important battery operating parameters.

The swivel light head ensures an individual and adapted lighting to your work environment. The use of the control panel is easy and clear.

If the supply voltage to the charging station fails, the light switches to "emergency light" mode. Setting the magnetic switch to the "Emergency Light ON" position activates the emergency light function.

Product properties

- Up to 9 hours of light in four selectable operating modes:
 - Spot: bundled and broad light beam
 - Wide: space-illuminating economy light
 - Full light: combination of spot and wide
 - Emergency light: broad light cone
- Memory function (last setting is saved)
- Flash mode
- Robust housing made of polyamide
- Corrosion-resistant charging contacts (gold-plated spring steel)
- Vertical swivel light head
- Charging station can be used as a wall-mounted model

Technical data

Operating voltage:	230VAC, 12/24VDC
Power supply:	Li-Ion-Akku, 4400mAh
Charging time:	5 hours
Light duration:	9h Spot (3 LED) 7h Wide (2 LED) 4h Volllicht (5 LED) 3h Notlicht (5 LED)
Illuminant:	5x3W PowerLED
Light colour:	cool white / 7000K
Light output:	200lm Spot + Wide 1000lm full-load
Temperature range	operation: -20°C bis +45°C charching: -0°C bis +45°C
Protection category	light: IP65
Protection class	Charging station: IP20 light: III
	Charging station: II
Dimensions (WxHxD)	
Light excl. charging station:	125x260x92,5mm
Light incl. charging station:	149x332x106mm
Charging station:	149x276x95mm
Weight	
Light:	1120g
Charging station:	430g



FlashLED with charging station

Also available as explosion proof version!

TorchLED LED torch



TorchLED LED torch with emergency light function



The TorchLED is an extremely practical, lightweight LED torch which, by virtue of its various light functions, can be used as a torch or as a signalling light. The red or green light function, for example, can be used to mark out hazardous areas or declare them safe again, accordingly. The TorchLED's non-slip, sturdy character makes it extremely reliable in this field of operation. The TorchLED has excellent impact and shock resistance, making it extremely robust and suitable for use even in harsh conditions.

Product properties

- Light PA6 housing, grip areas insertion moulded with elastomer, non-slip, impact-resistant, free-standing
- charging station ABS housing
- Strap holder / retaining clip made from POM
- Can be wall or desktop mounted
- Charging station with lamp retainer
- TorchLED with emergency light function: in the event of a power cut, the TorchLED will switch on automatically (wide light full load, burn time approx. 4 hours).

Technical data for light

Power supply	
TorchLED:	4x1,5V batteries AA or 4x1,2V rechargeable batteries AA
TorchLED EMERGENCY:	4x1,2V rechargeable batteries AA
Charge time:	5 hours at 2700 mAh rechargeable batteries
Light duration:	4 hours at 1900 mAh rechargeable batteries
Illuminant:	2x white/2x red/2x green LEDs
Protection category:	IP54
Temperature range:	-20°C to +45°C
Dimensions (WxHxD):	67,8x115,5x34mm
Weight:	230g

Technical data for charging station

Power supply:	700 mA charging current
Protection category:	IP20
Contacts:	spring steel, gold-plated
Temperature range:	0°C to +40°C
Dimensions (WxHxD):	86,6x79,6x44mm

TorchLED Light functions with batteries or rechargeable batteries

Main function	Functions	Operating time Battery / Rechargeable battery	
White light per 1 LED	- Beam light full load	approx. 6h	approx. 6h
	- Beam light dimmed	> 80h	> 80h
	- Broad beam full load	approx. 6h	approx. 6h
	- Broad beam dimmed	> 80h	> 80h
Signal lights per 2 LED	- Full load	> 40h	> 30h
	- Dimmed	> 80h	> 60h

TorchLED with emergency light function Light functions with rechargeable batteries

Main function	Functions	Operating time
White light per 1 LED	- Beam light full load	approx. 6h
	- Beam light dimmed	> 60h
	- Broad beam full load	approx. 6h
	- Broad beam dimmed	> 60h
Signal lights per 2 LED	- Full load	> 30h
	- Dimmed	> 60h

Art. No.	Design
274818	TorchLED battery torch, IP54, incl. batteries and wrist loop
274821	TorchLED rechargeable battery torch, IP54, incl. rechargeable battery cells and wrist loop
277485	TorchLED emergency light, IP54, incl. rechargeable battery cells and wrist loop
274822	TorchLED 230VAC/15VDC charging station, IP20, incl. 1.5m cable with plug transformer

LED-LENSER H7.2 / H7R.2 Battery - headlamp



At around 250 Lumens, this headlamp is a lighting marvel. Its lightweight design conceals the very best technology. You can convert the torch from a full, high beam to a circular, low beam. The convenient Advanced Focus System function makes outdoor activities even more enjoyable and - most importantly - safer. The circular potentiometer permits infinite dimming, while the LED head can be swivelled by 90 degrees.

Product properties

- 90 degree swivel
- Adjustable high and low beam
- Infinitely dimmable
- Battery box optimises the weight compensation
- Extremely bright, splashproof
- Incl. nylon bag
- Excellent colour reproduction thanks to LED lens
- Sturdy, impact and vibration resistant, also suitable for jogging, for example
- H7R.2 with charge level indicator

Technical data H7.2

Power supply:	4x1,5V batteries AAA
Light duration:	60h
Illuminant:	1x high end power LED
Light output:	250lm
Light range:	160m
Light protection category:	IPX4
Dimensions:	length adjustable
Weight:	165g (incl. batteries)

Technical data H7R.2

Power supply:	Li-ion rechargeable battery
Light duration:	60h
Illuminant:	1 x xtreme power LED
Light output:	300lm
Light range:	160m
Light protection category:	IPX 4
Dimensions:	length adjustable
Weight:	165g (incl. rechargeable battery)

Art. No.	Design
269634	LED-LENSER H7 headlamp incl. batteries and strap pouch
269635	LED-LENSER H7R headlamp rechargeable battery incl. rechargeable batteries, charger and strap pouch

LED-FLEXNECK Battery - cavity torch



Light wherever you need it. The FlexNeck light delivers illumination where confined spaces often do not offer room for conventional lamps. The flexible neck of the lamp can be positioned in any direction and allows adequate illumination in even in the smallest of spaces. With its magnetic base, the FLEXNECK can stick to all metal surfaces, allowing users to keep both hands free to work with.

Product properties

- Magnetic base, sticks to all metal surfaces
- End push-button
- Flexibility for working
- Flexible 15" neck
- Precise light direction

Technical data

Power supply:	2x batteries AA
Light duration:	7 hours
Illuminant:	SP1A
Light output:	56lm
Light range:	81m
Length:	55,7cm
Weight:	260g with batteries 220g without batteries
Housing:	Aluminium

Art. No.	Design
269659	LED-FLEXNECK cavity torch

WorkLED 15 Rechargeable battery hand-held light



The WorkLED is a low-cost LED version which is ideal as a hand-held, work and inspection light for professional use. Versatile and manufactured according to the state of the technological art, we are now able to offer a range for professionals, for everyday manual work and for hobby enthusiasts.

Product properties

- 50% and 100% power mode
- Small and low weight for safe handling
- Battery status display
- Robust design
- Integrated magnetic clamp
- On/Off switch
- Charging via mini-USB
- Incl. plug charging pack for 230V

Technical data

Power supply:	Li-ion rechargeable battery
Charging time:	3,5 hours
Light duration:	3,5 hours at 100%
	5 hours at 50%
Illuminant:	3x1W powerLEDs white
Light output*:	2200Lux / spot
	2000Lux / at 100% 2x1W LED
	1000Lux / at 50% 2x1W LED
Light protection category:	IP65
Dimensions (WxHxD):	185x55x37mm
Weight:	180g

* Manufacturer's specifications

Art. No.	Design
265130	WorkLED 15 rechargeable battery hand-held light

WorkLED FLEX Rechargeable battery hand-held light



The WorkLED FLEX hand-held light is a very robust, wireless task light for professional use. The powerful and wide-spread light ensures your safety at work. Equipped with a flexible joint function you can illuminate even hard to reach areas. Whether floor, wall or ceiling placement - via a highly adhesive magnet on the bottom of the lamp and a hook on the lamp head the WorkLED FLEX can be placed wherever an ambidextrous work is necessary.

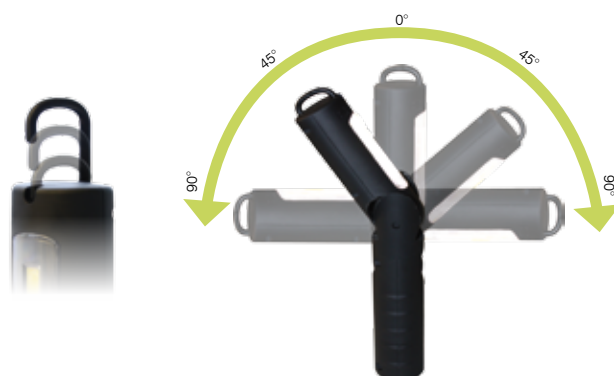
Product properties

- latest LED Chip on Board (COB) technology
- Joint function of 45 ° to 90 ° in both directions
- Shatter-proof, rubberized and durable ABS housing
- Lens made of impact resistant and shatter-resistant polycarbonate
- ergonomically designed handle
- strong magnet on the bottom
- fastening hook can be loaded and swiveled
- including 230V recharger and 12V car charging cable

Technical data

Power supply:	Li-Ion Akku
Charging time:	4h
Light duration:	4h
Illuminant:	3W COB LED
Light output:	200lm
Light temperature:	5500K
Temperature of usage area:	-5°C to +40°C
Protection category:	IP54
Weight:	300g
Dimensions (WxHxD):	280x48x40mm

Art. No.	Design
800006	WorkLED FLEX



Torch PENLIGHT Battery hand-held light

NEW



This compact and handy Mini LED Flashlight is equipped with a handy belt clip. A magnet in the base allows you to illuminate your work environment even in two-handed work.

Product properties

- with belt clip
- Magnet in the base

Technical data

Power supply:	3xAAA
Illuminant:	6x1W COB LED
Light output:	200lm
Light temperature:	5500K
Temperature of usage area:	-5°C to +40°C
Dimension (HxØ):	160x20mm
Weight:	300g

Art. No.	Design
800008	Torch PENLIGHT

Torch S7 Battery hand-held light

NEW



This rugged flashlight is suitable for professional use indoors and outdoors. Advantages of this flashlight are among others, the uniform distribution of light, a pleasant light color and good feel.

Through a specially hardened head lights the Torch S7 serves as a so-called emergency hammer, for wrapping slices.

Product properties

- attractive design
- Housing made of aircraft aluminum
- gold-plated contacts
- On / off switch in the handle
- Belt clip, wrist strap and batteries

Technical data

Power supply:	2xAAA/1,5V
Light duration:	3.5h
Illuminant:	1W CREE LED Chip
Light output:	110lm
Schutzart:	IP65
Weight:	94 g (incl. batteries)
Dimensionen (HxØ):	137x15mm

Art. No.	Design
800003	Torch S7 Battery hand-held light

Torch S5 Battery hand-held light

NEW



This rugged flashlight is suitable for professional use indoors and outdoors. Advantages of this flashlight are among others, the uniform distribution of light, a pleasant light color and good feel.

Through a specially hardened head lights the Torch S5 serves as a so-called emergency hammer, for wrapping slices.

Product properties

- attractive design
- Housing made of aircraft aluminum
- optical focus with sliding function for maximum flexibility
- can be break in emergency single-layer glass
- On / off switch in the handle
- including batteries, wrist strap and belt holder

Technical data

Power supply:	3xAAA/1.5V
Light duration:	23h
Illuminant:	1W CREE LED Chip
Light output:	200lm
Schutzart:	IP65
Weight:	86g (excl. batteries)
Dimensionen (HxØ:)	123x32mm

Art. No.	Design
800002	Torch S5 Battery hand-held light

Torch S1 Battery hand-held light

NEW



This rugged flashlight is suitable for professional use indoors and outdoors. Advantages of this flashlight are among others, the extrem uniform distribution of light, a pleasant light color and good feel.

Through a specially hardened head lights the Torch S1 serves as a so-called emergency hammer, for wrapping slices.

Product properties

- attractive design
- Housing made of aircraft aluminum
- Optical Focus with sliding function for maximum flexibility
- 6 digital functions: wide beam
infinite dimming (1-100%)
narrow Beam
strobe
flash
SOS signal
- Gold-plated contacts
- On / off switch in the handle
- Incl. Batteries, wrist strap and belt holdere

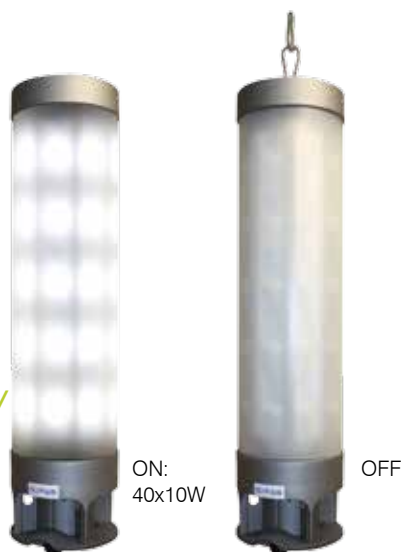
Technical data

Power supply:	4xAAAA/1,5V
Light duration:	30h
Illuminant:	3W CREE LED Chip
Light output:	230lm
Schutzart:	IP65
Weight:	133g (incl. batteries)
Dimensionen (HxØ:)	139x37mm

Art. No.	Design
800001	Torch S1 Battery hand-held light

ApolloLED area light

NEW
with the
latest
LED-
technology



The proven concept of the ApolloLIGHT is now available with the innovative LED technology. Thus, you benefit from all the advantages that LED technology has to offer!

The ApolloLED is a large area luminaire for all-round illumination. This system can be set up quickly and easily, thereby saving time and money. The lighting system is equipped with special LED's that perform extremely well with low power consumption.

Thanks to this outstanding lighting concept, you are able to illuminate large areas with excellent light!

Product properties

- full power, immediately after switching
- ready for use even in extreme temperatures
- low wind load
- No pre-heating period, No cooling down period
- robust design, bulbs can not crack or break
- handy and quick and easy installation by one person
- Operation with built-in power supplies

Technical data

Supply voltage:	230V
Illuminant:	LED 40x10W
LED output:	250-500W*
Power supply:	2
Light output :	44000lm
LED lifetime:	approx. 50000h
Light colour:	5000K
Opt. mounting height:	3500mm
Illumination area:	700m ²
Full power:	immediately
Temperature range	
Operation:	-25°C bis +45°C
Storage:	-35°C bis +80°C
Protection category:	IP44
Protection class	I
Measurements (ØxL):	208x900mm
Weight:	11kg

* LED output depending on the mode of operation

ApolloLIGHT area light



depending on design

The ApolloLIGHT is a large area luminaire for all-round illumination. This newly developed system can be set up quickly and easily, thereby saving time and money. The lighting system is equipped with special compact fluorescent induction illuminants that perform extremely well with low power consumption.

Product properties

- No pre-heating period, no cooling down period
- **Low wind load**
- **handy and quick and easy installation by one person**
- Operated with an integrated ballast
- Defective illuminant / 7 illuminants continue to shine
- 1 defective ballast / 6 illuminants continue to shine
- Inexpensive replacement illuminants and ballasts

Technical data

Supply voltage:	230VAC, 42VAC
Illuminant:	230V: 8x80W
	42V: 8x55W
LED output*	230V: 365W / 710W
	42V: 240W / 480W
Ballasts (EVG):	4 pcs
Required generator power:	1KW
Full power after:	2min
Light output	230V: 44000lm
	42V: 38400lm
Service life of the lamps:	16000h
Light colour:	approx. 5000K
Opt. mounting height :	3500mm
Illumination area :	700m ²
Full power:	after approx. 2 Min.
Temperature range	
Operation:	-25°C bis +40°C
Storage:	-35°C bis +80°C
Protection category:	IP44
Protection class:	230V: I
	42V: III
Measurements (ØxL):	208x900mm
Weight:	8,2kg

* Power consumption depending on the mode of operation

Further information can be found in our
product information update 9 | 10

Further information can be found in our
product information update 9 | 5.

ApolloLED / ApolloLIGHT Properties / Accessories

Temperature switch with overheat protection circuit

If the temperature rises above a set value inside the luminaire, the temperature switch turns the illuminant off while the internal fan continues to run.

If the temperature inside the luminaire drops below a set value, the temperature switch automatically reactivates itself. This action is independent of the mains voltage.

Light with filter bag

The filter bag is specially designed for the suspension operation in very dusty environments, especially coal dust. The luminaire is therefore ideally suited for use in boilers. For example, in lignite-fired power plants.

Installation and operation

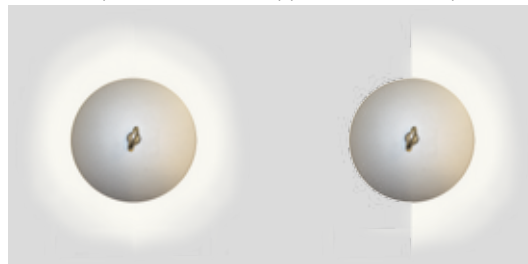
In addition to the installation on the special stand the ApolloLED can also be mounted suspended.

In order to set the optimum position for a variety of lighting purposes, it is possible to use a pin-joint for the tripod, which can be tilted in 15degrees increments (up to 45degrees).

Flexible illumination

To ensure that uninvolved people are not blinded by the glare (e.g. at construction sites, on streets or around railway facilities), you can use the selector switch on the ApolloLED to operate all of the illuminants or to illuminate only one side

ApolloLED: full power 40x10W as opposed to 20x10W power
 ApolloLIGHT: full power 8x80W as opposed to 4x80W power



ApolloLED Carrying case Art No 266937



Carrying case for stand Art No 268011



Extension ApolloLED to filter bag Art No 277342



Stand joint Art No 267529



Solid crank stand Art No 266688



Art. No.	Design
282423	ApolloLED 230V
276356	ApolloLIGHT 230V
276983	ApolloLIGHT 42V
a. A.	ApolloLIGHT 230V mit Filtersack
Accessories / Spare Parts	
266688	Stand for ApolloLED, msolid, chrome plated stand with 3 base plates, high max. 358 cm
266937	ApolloLED carrying case
271587	ApolloLED carrying case for stand
274628	Adapter for fire services DIN 14640
267529	Stand joint (tilt up to 45°)
268160	Stand base plate
268011	Suitcase for tripod
269318	Connection cable 5m, 230V
268328	Connection cable 5m, 230V, IP68
268834	Connection cable 10m, 230V
269320	Connection cable 10m, 230V, IP68
268970	Connection cable 5m, 42V for ApolloLIGHT
263773	Illuminant 80W/ 840 for base ApolloLIGHT
268997	guide rope
277342	Extension ApolloLED to filter bag
277343	Spare filter for filter bag

PRIMA 38 W, 55 W floodlight



The Prima light is a technically sophisticated, professional light with excellent light output, low heat generation and low energy consumption thanks to its 2D compact fluorescent bulb. It guarantees optimised floodlighting with glare-free, evenly distributed light. It also offers various setup options for any application: hanging, lying or standing.

Product properties

- Yellow housing made from impact-resistant polycarbonate with black rubber edges providing shock and impact protection
- Carrying handle also serves as a support which, when engaged, moves the lights to the desired position.
- Bulb cover made from Makrolon: shock and impact resistant, seals housing to make it water- and dust-proof.

Technical data

Operating voltage:	230VAC, 42/24V
Power supply:	mains connection
Operating time of the LEDs:	3 hours
Illuminant:	compact fluorescent bulb
	38W/2D, 55W/2D
Light output 38W:	2850lm
55W:	3900lm
Protection category:	IP65 (without socket)
	IP54 (with socket)
Protection class:	I (230V with socket)
	II (230V without socket)
	III (24/42V)
Dimensions (WxHxD):	305x295x110mm
Weight:	2,9kg

Prima 38 W

Art. No.	Design	Socket	Supply cable	Plug
230697	24V/38W	-	5m 2x1.5mm ²	CEE 16A/24V
230787	24V/38W	-	10m 2x1.5mm ²	CEE 16A/24V
230493	42V/38W	-	5m 2x1.5mm ²	CEE 16A/42V
231069	42V/38W	-	10m 2x1.5mm ²	CEE 16A/42V
230515	230V/38W	-	5m 2x1.5mm ²	Contour plug
230768	230V/38W	-	10m 2x1.5mm ²	Contour plug
231334	24V/38W	CEE 24V	5m 2x1.5mm ²	CEE 16A/24V
232573	24V/38W	CEE 24V	10m 2x1.5mm ²	CEE 16A/24V
231336	42V/38W	CEE 42V	5m 2x1.5mm ²	CEE 16A/42V
232004	42V/38W	CEE 42V	10m 2x1.5mm ²	CEE 16A/42V
230521	230V/38W	Protective contact	5m 3x1.5mm ²	Protective contact
230611	230V/38W	Protective contact	10m 3x1.5mm ²	Protective contact

Prima 55W

Art. No.	Design	Socket	Supply cable	Plug
261700	24V/55W	-	5m 2x1.5mm ²	CEE 16A/24V
261699	42V/55W	-	5m 2x1.5mm ²	CEE 16A/42V
251939	230V/55W	-	5m 2x1.5mm ²	Contour plug
253897	230V/55W	Protective contact	5m 3x1.5mm ²	Protective contact
253896	230V/55W	-	10m 2x1.5mm ²	Contour plug
253899	230V/55W	Protective contact	10m 3x1.5mm ²	Protective contact

Premium stand Art. No. 262927



Basic stand Art. No. 262926



Plus stand 3-part* Art. No. 261246



* on request also
mobile 3-part Art. No. 261251
4-part Art. No. 261249
mobile 4-part Art. No. 261253

12VDC/38W special designs upon request.
Other designs available upon request.

PRIMA Accessories

Accessories / spare parts

262926	Basic stand - height 1.20m to 2.00m, load up to 30kg
262927	Premium stand - height 2.20m, load up to 40kg
261246	Plus stand 3-part - height 1.22m to 2.75m
261251	Mobile Plus stand 3-part - height 1.2m to 2.75m
261249	Plus stand 4-part - height 1.30m to 4.00m
261253	Mobile Plus stand 4-part - height 1.30m to 4.00m
271698	Uni stand top piece
273561	Uni stand top piece - extension for 1 x PrimaLIGHT
264916	Twin adapter for 1 + 1 light Span width adjustable from 310mm to 490mm
230991	Front pane
230801	Reflector
230802	Handle
230910	Socket for 38W energy saving bulb
268645	EBU for PRIMA up to 38W at 42VAC
233171	EBU for PRIMA up to 38W at 24VAC
206377	Illuminant 38W energy saving bulb
230810	Wall bracket
248199	Ceiling bracket
258506	Magnetic bracket
235824	Plus magnetic bracket
230909	Clip for socket
247547	Circuit breaker
247491	LED PCB
131248	Ventilation grille
247492	Rechargeable battery pack
247548	24V control
247549	42V control
247490	230V control
234627	Socket for 55W energy saving bulb
267323	EBU for 230V/38W PRIMA
235185	EBU for 230V/55W PRIMA
234139	Illuminant 55W energy saving bulb

Screw-fix ceiling bracket with locking mechanism
Art. No. 248199



Ceiling mounting



Screw-fix wall bracket Art. No. 230810



Wall mounting



Uni stand top piece
Art. No. 271698



Uni stand top piece - extension for 1 x PrimaLIGHT Art. No. 273561



Twin adapter for stand top piece 1 + 1 PRIMA Art. No.: 264916



Plus magnetic bracket
Art. No. 235824



Magnetic bracket for ceiling / wall mounting (1 light) with locking mechanism Art. No. 258506



PRIMA floodlight with three ring eyelets equipped for chain, hanging, etc.
Art. No. on request



PRIMA floodlight with 3-point attachment plate and articulated clip V2A, horizontally and vertically adjustable, Art. No. on request



MULTI 72 W work light



The MULTI work light is a very special, sophisticated and professional light for industrial and commercial use. With its impressive light output (2 x 2,800 lm) and extremely low heat generation, it is designed for very specialist applications. It guarantees optimised floodlighting with glare-free, powerful and bright white light. Various setup options ensure a broad range of possible uses.

Product properties

- Black housing made from polycarbonate with rubber jacket to reinforce the edges
- Practical handle, makes carrying easier, also serves as a simple hanging tool.
- Bulb cover made from Makrolon: shock and impact resistant, seals housing to make it water- and dust-proof.
- Low power consumption: 72 Watt energy saving bulb

Technical data

Operating voltage:	230/42/24VAC
Power supply:	mains connection
Illuminant:	compact fluorescent bulb Dulux F
Light output:	2x2800lm
Protection category:	IP65 (without socket) IP54 (with socket)
Protection class:	I (230V with socket) II (230V without socket) III (24/42V without socket)
Dimensions (WxHxD):	305x295x170mm
Weight:	4,1kg (230V), 5,2kg (24/42V)

D labelling on the 230 V AC / 2x36 W design as per VDE 0711-2-24 or EN 60598-2-24

Art. No.	Design	Junction box	Supply cable	Plug
235417	230V/2x36W	-	5m 2x1.5mm ²	Contour plug
235418	230V/2x36W	-	10m 2x1.5mm ²	Contour plug
235592	230V/2x36W	Protective contact	3m 1x1.5mm ²	Protective contact
235548	230V/2x36W	Protective contact	10m 3x1.5mm ²	Protective contact
235422	24V/2x36W	-	5m 2x1.5mm ²	CEE 16A/24V
235425	24V/2x36W	-	10m 2x1.5mm ²	CEE 16A/24V
235593	24V/2x36W	CEE 24V	5m 2x2.5mm ²	CEE 16A/24V
235706	24V/2x36W	CEE 24V	10m 2x1.5mm ²	CEE 16A/24V
235421	42V/2x36W	-	5m 2x1.5mm ²	CEE 16A/42V
235420	42V/2x36W	-	10m 2x2.5mm ²	CEE 16A/42V
235594	42V/2x36W	CEE 42V	5m 2x2.5mm ²	CEE 16A/42V
235709	42V/2x36W	CEE 42V	10m 2x2.5mm ²	CEE 16A/42V

Accessories / spare parts	
209422	Illuminant 36W energy saving bulb
230991	Front pane
247792	Reflector fully pre-installed with socket and bulb bracket
114602	Magnetic clamp
209423	Socket for 36W energy saving bulb
209424	Bracket for 36W energy saving bulb
262927	Premium stand - height 2.20m, load up to 40kg
261246	Plus stand 3-part - height 1.22m to 2.75m
261251	Mobile Plus stand 3-part - height 1.22m to 2.75m
261249	Plus stand 4-part - height 1.30m to 4.00m
261253	Mobile Plus stand 4-part - height 1.30m to 4.00m
264916	Twin adapter for 1+1 light or 2+2 lights Span width adjustable from 310mm to 490mm
273561	Uni stand top piece - extension for 2 x MULTI
271698	Uni stand top piece
247796	Electronic EV6 230V
237099	Toroidal core transformer for low voltage 24/42V
236744	Fastening clip

Other designs, e.g. with fastening clip or magnets, available on request.

MULTI Accessories

Magnetic clamp Art. No. 114602



Can be combined with magnetic clamps, Art. No. on request



Fastening clip Art. No. on request



Wall or ceiling mounting



Aluminium wall bracket, swivels with articulated joint, Art. No. 236744



Hanging design using 4 ring eyelets
(chains, hanging, etc. at construction site), Art. No. on request



Fixed ceiling or wall mounting with wall / ceiling mounting plate
Art. No. 258506



2x clip for stand Art. No. 236484



Twin adapter for stand top piece Art. No. 264916 2 + 2 lights



Plus stand 3-part* Art. No. 261246

Premium stand Art. No. 262927



Uni stand top piece Art. No. 271698



Uni stand top piece extension for x MULTI Art. No. 273561



* on request also mobile 3-part Art. No. 261251;
4-part Art. No. 261249; mobile 4-part Art. No. 261253

NovaLIGHT 4x36 W work light



This professional work light delivering 4 x 36 Watts of power provides the ultimate in lighting comfort. Optimised area illumination (11,000 Lumens) thanks to glare-free, evenly distributed light guarantees excellent visibility and improves safety at work as a result.

Product properties

- Yellow, impact-resistant polycarbonate housing with black rubber edges
- Bulb cover made from Makrolon, shock and impact resistant
- Carrying and positioning handle for any lighting position

Technical data

Operating voltage:	230VAC, 42/24V
Power supply:	mains connection
Illuminant:	compact fluorescent bulbs
Light output:	11000lm
Protection category:	IP54
Protection class:	II
Dimensions (WxHxD):	330x490x125mm
Weight:	5,2kg

D labelling on the 230 V AC / 4x36 W design as per VDE 0711-2-24 or EN 60598-2-24

Art. No.	Design	Socket	Supply cable	Plug
259172	230V/4x36W	-	5m 3x1,5mm ²	Protective contact
259201	230V/4x36W	3 protective contact	5m 3x1,5mm ²	Protective contact
262338	230V/4x36W	-	10m 3x1,5mm ²	Protective contact
264353	230V/4x36W	3 protective contact	10m 3x1,5mm ²	Protective contact
264842	24V/4x36W	-	5m 2x1,0mm ²	CEE 16A/24V
265832	42V/4x36W	-	5m 2x1,0mm ²	CEE 16A/42V

269458 Luminous square 4 x NovaLIGHT

Accessories / spare parts

260026	Illuminant compact fluorescent bulb 36W
260867	Reflector
260868	Front pane
262927	Premium stand - height 2.20m, load up to 40kg
261246	Plus stand 3-part - height 1.22m to 2.75m
261251	Mobile Plus stand 3-part - height 1.22m to 2.75m
261249	Plus stand 4-part - height 1.30m to 4.00m
261253	Mobile Plus stand 4-part - height 1.30m to 4.00m
264916	Twin adapter (Premium stand) for 1+1 light or 2+2 lights Span width adjustable from 310mm to 490mm
271698	Uni stand top piece (Premium stand)
273561	Uni stand top piece (Premium stand) Extension for 2x NovaLIGHT
278852	Stand top piece (Plus 3-piece stand) for 1x NovaLIGHT
278853	Stand top piece (Plus 3-piece stand) for 2x NovaLIGHT

Other designs available upon request.

NovaLIGHT Accessories

Frame for Novalight including fasteners Art. No. 277992



Luminous square comprising 4 NovaLIGHTs
Can be swivelled from 0-90°, solid steel tube frame,
suspended or for stand mounting, Art. No. 269458



Twin adapter for stand top piece Art. No. 264916 2 + 2 lights



Uni stand top piece Art. No. 271698



Uni stand top piece - extension for 2 x NovaLIGHT Art. No. 273561



Stand top piece (Plus 3-piece stand) for 1x NovaLIGHT Art. No. 278852
Stand top piece (Plus 3-piece stand) for 2x NovaLIGHT Art. No. 278853



Plus stand 3-part* Art. No. 261246

Premium stand Art. No. 262927



* on request also
mobile 3-part Art. No. 261251
4-part Art. No. 261249
mobile 4-part Art. No. 261253

911 halogen hand-held floodlight



This is a powerful and compact hand-held floodlight ideal for use as a search or inspection light or anywhere that large light distances need to be covered.

Product properties

- Protectively insulated, impact-resistant light body made from toughened rubber with hanging ring
- Ergonomic handle with combination switch for constant light and pulsed operation
- Spot beam (narrow, condensed light cone up to 250 m) or broad beam as standard

Technical data

Operating voltage:	230V, 42V, 24V
Power supply:	mains connection / cigarette lighter plug
Illuminant:	halogen reflector bulb 75W/100W
Protection category:	IP 55
Protection class:	III
Weight:	900g (without cable)

911 LED hand-held floodlight



NEW
with
6x2 Watt
LEDs



The powerful 911 hand-held floodlight is now also available with LED technology.

Product properties

- Protectively insulated, impact-resistant light body made from solid rubber with hanging ring
- Ergonomic handle with combination switch for constant light and pulsed operation
- Shatter-proof safety glass
- Combination ON/OFF switch and touch function

Technical data

Operating voltage:	230/42/24VAC
Power supply:	mains connection
Illuminant:	6x2W LEDs
Protection category:	IP54
Protection class:	II / III
Weight:	1200g (without cable)

Art. No.	Design	Supply cable	Plug
203478	24V/75W BB	5m 2x1.5mm ²	CEE 16A/24V
203484	24V/75W BB	10m 2x1.5mm ²	CEE 16A/24V
112443	24V/100W SB	5m 2x1.5mm ²	CEE 16A/24V
109983	24V/100W SB	10m 2x1.5mm ²	CEE 16A/24V
203460	42V/75W BB	5m 2x1.5mm ²	CEE 16A/42V
203464	42V/75W BB	10m 2x1.5mm ²	CEE 16A/42V
112449	42V/100W SB	5m 2x1.5mm ²	CEE 16A/42V
246512	42V/100W SB	10m 2x1.5mm ²	CEE 16A/42V
114078	230/24/75W SB	5m 2x1.5mm ²	Connector power pack
209396	230/24/75W SB	5m 2x1.5mm ²	Connector power pack

*BB= broad beam SB = spot beam

Accessories / spare parts	
105119	Rubber housing for light
105623	Toggle switch
104760	Spare reflector for 75W broad beam light, socket, front pane
104761	Spare reflector for 75W spot beam light, socket, front pane
105063	Spare socket for 75W
110223	Spare glass for 75W
104739	24V/75W halogen bulb
202018	42V/75W halogen bulb
104759	24 V/42V/100W halogen bulb, socket, reflector
112727	Connector power pack

Art. No.	Design	Supply cable	Plug
276195	24VAC/7,5W	5m 2x1,5mm ²	CEE 16A/24V
274285	24VAC/7,5W	10m 2x1,5mm ²	CEE 16A/24V
273643	42VAC/7,5W	10m 2x1,5mm ²	CEE 16A/42V
279566	42VAC/7,5W	5m 2x1,5mm ²	CEE 16A/42V
274286	230VAC/7,5W	4m 2x1,5mm ²	230V protective contact

Accessories / spare parts	
105119	Rubber lamp housing
105623	toggle switch
274580	LED driver 24-42VAC / DC for 911LED without housing
270241	LED board for 911LED

911 Additional options



In accordance with applicable regulations, energy consumers with appropriate protective low voltages must be used in areas where there are conductive materials.

The combination halogen hand-held floodlight with cable reel is specifically ideal for use during inspection work in large boiler tanks, containers and similar vessels.

Characteristic of the halogen version

Safety transformer built into the reel body.

Characteristic of the LED version

No safety transformer and/or use of an autonomous safety transformer.

Mobile safety transformer

Another possibility comes with the use of an autonomous safety transformer.
Characteristic: can also be used in other ways.

Important! The relevant application regulations must be observed when using these additional options.

Art. No.	Design
259805	911 hand-held floodlight, 100W, spotlight on cable reel fully equipped with 25m supply cable 2x25mm ² on main reel, 230/24V-120VA toroidal core transformer built in, 5m 2x1.5mm ² supply cable with contour plug on auxiliary reel
259807	911 hand-held floodlight, 75W, broad beam light, on cable reel fully equipped with 25m cable, 2x2,5mm ² on main reel, 240/24V-120VA toroidal core transformer built in, supply cable 5m, 2x1,5mm ² with contour plug on auxiliary reel
208768	Mobile safety transformer, housing type 2516 120VA, 230/24V
208628	Mobile safety transformer, housing type 2516 120VA, 230/42V

917 Cage hand-held lamp



CE T

□ dependent on design

The cage hand-held lamp is a sturdy and practical all-purpose light. It is impact-resistant and impervious to chemical influences. It is therefore ideal for hobby as well as construction site or industrial applications.

Product properties

- The impact-resistant carrying grip is made from rubber.
- The stable protective grille with hanging hook can be removed.
- The safety glass is resistant to temperature fluctuations.

Technical data

Operating voltage:	230V	24V, 42V
Illuminant:	60W halogen torch	50W halogen torch
Protection category:	IP20	IP20
Protection class:	II	III
Weight:	600g	600g

Art. No.	Design	Supply cable	Plug
203263	24V/50W	-	-
203264	24V/50W	5m 2x1.0mm ²	CEE 16A/24V
128899	24V/50W	10m 2x1.0mm ²	CEE 16A/24V
203266	42V/50W	-	-
203267	42V/50W	5m 2x1.0mm ²	CEE 16A/42V
203268	42V/50W	10m 2x1.0mm ²	CEE 16A/42V
132620	230V/60W	-	-
134712	230V/60W	5m 2x1.0mm ²	Contour plug
121239	230V/60W	10m 2x1.0mm ²	Contour plug

Accessories / spare parts

105084	Spare glass
105129	Reflector
128813	24V halogen bulb / 50W bayonet base
202826	42V halogen bulb / 50W bayonet base
123824	BA 15d socket with flange fastening
105086	Spare protective cage
245896	Illuminant 230V/60W/E27

Other designs available upon request.

Other designs available upon request.

StabiLED LED tubular light



Innovative lighting technology with increased safety is the basis for our development of the StabiLED series. Outstanding light power with minimal energy consumption is its hallmark feature.

Product properties

- Handle and cap made from insulating material with shock-attenuating protective edges
- Transparent tube made from shatter-proof polycarbonate
- Glare-free work light distributed along a long length
- Built-in electronics with protection module
- Handy hanging device with rotating hook
- Unaffected by temperature fluctuations
- Oil, acid and ageing resistant, self-extinguishing
- Lifetime of LED > 70000 hours

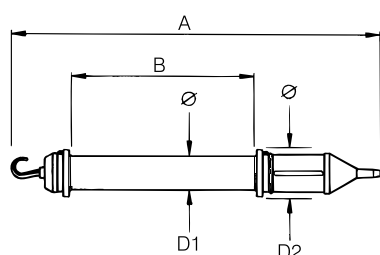
Technical data

Operating voltage:	230VAC, 42/24VAC/DC
Power supply:	mains connection
Illuminant:	6x1W high power LEDs
Light output:	2600lm
Protection category:	IP55
Protection class:	II / III
Dimensions (mm):	A=500, B=250, D1=36, D2=60
Weight:	250g (without cable)

Art. No.	Design	Supply cable	Plug
256735	24V	5m 2x1.0 mm ²	CEE 16A/24V
256738	24V	10m 2x1.0 mm ²	CEE 16A/24V
256737	42V	5m 2x1.0 mm ²	CEE 16A/42V
256739	42V	10m 2x1.0 mm ²	CEE 16A/42V
256733	230V	5m 2x1.0 mm ²	Contour plug
256734	230V	10m 2x1.0 mm ²	Contour plug

Accessories / spare parts

256731	Electronics for 24/48VAC/DC
256724	Electronics for 230V
256725	Protective tube for 24/42 and 230V
258153	Rubber cap with hook
258151	Rubber grip
258234	Magnetic holder, holding force 209N with clamping bridge
258915	Suction cup holder with clamp



StabiLIGHT 18W and 36W tubular light



The StabiLIGHT series features low energy consumption and tremendous lighting performance. It is suitable for all manner of applications, such as in industry.

Product properties

- Grip and cap made from insulating material with shock-attenuating protective edges
- Transparent tube made from shatter-proof polycarbonate
- Glare-free work light distributed along a long length
- Handy hanging device with rotating hook
- Unaffected by temperature fluctuations
- Built-in electronics with protective module (at 36W with EBU)

Technical data

Operating voltage:	230VAC, 42VAC, 24VAC
Power supply:	mains connection
Illuminant:	Dulux L compact fluorescent bulb
Light output:	1200lm (18W) / 3500lm (36W)
Protection category:	IP 55
Protection class:	II / III
Dimensions (ØxL):	61x500mm (18W) / 61x1100mm (36W)
Weight:	600g (18W) / 1100g (36W)

Art. No.	Design	Supply cable	Plug
208019	24V/18W	5m 2x1.0mm ²	CEE 16A/24V
208018	24V/18W	10m 2x1.0mm ²	CEE 16A/24V
208017	42V/18W	5m 2x1.0mm ²	CEE 16A/42V
208016	42V/18W	10m 2x1.0mm ²	CEE 16A/42V
208015	230V/18W	5m 2x1.0mm ²	Contour plug
208013	230V/18W	10m 2x1.0mm ²	Contour plug
208012	24V/36W	5m 2x1.0mm ²	CEE 16A/24V
208011	24V/36W	10m 2x1.0mm ²	CEE 16A/24V
208010	42V/36W	5m 2x1.0mm ²	CEE 16A/42V
208008	42V/36W	10m 2x1.0mm ²	CEE 16A/42V
208007	230V/36W	5m 2x1.0mm ²	Contour plug
207341	230V/36W	10m 2x1.0mm ²	Contour plug

Accessories / spare parts

232311	Electronics for 18W/230V
232313	Electronics for 36W/230V
239251	Electronics for 18W/42V
237159	Electronics for 36W/42V
234059	Electronics for 18W/24V
210791	18W compact fluorescent bulb
209601	36W compact fluorescent bulb
211640	Spare tube for 18W/ 24, 42 and 230V design
209599	Spare tube for 36W/ 24, 42 and 230V design
240832	Holder for 18-36W/230V illuminant
124935	Rubber cap with hook
124932	Rubber grip
105089	Magnetic holder (209N) with clamp
211692	Suction cup holder with clamp

Portable work light



FlashLED rechargeable battery hand-held light



FlashLED rechargeable battery hand-held light



LED-LENSER battery headlamp



TorchLED LED torch with emergency light function



911 LED hand-held floodlight



StabiLED tubular light

Portable work light



ApolloLIGHT - ideal for woodland and tree care



ApolloLIGHT - construction site illumination



ApolloLIGHT - tank illumination



ApolloLIGHT - ideal for use in power stations



ApolloLIGHT - ideal for use underground



ApolloLIGHT - Illumination turbine

Portable work light



MULTI work light



MULTI work light



NovaLIGHT work light



NovaLIGHT work light



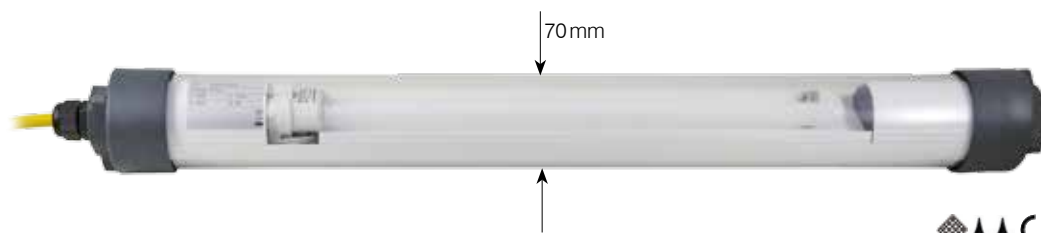
PRIMA work light



PRIMA work light

StreamLIGHT SL70 Protected tube light

**NEW
IP68**



End cap with two sealing O-rings



End cap with mounted screw cap

GIFAS has revised its range of protective tube lights completely. In particular, the degree of protection is increased to IP68 and the connection has been massively improved.

The protective tube lights SL70 work thanks to its high protection even under extreme conditions trouble-free and maintenance-free! The standard protected tube lights were developed for mounting on or installation in machinery. They are however also suitable for illuminating switching systems and control consoles. Other areas of use include wet rooms, tunnels, corners, sewers, water reservoirs, etc. We also have a short version especially for small spaces.

Product properties

- Fluorescent bulb in rod shape or compact fluorescent bulb
- Light body made from shock-resistant Makrolon or borosilicate glass
- Resistant to chemical and mechanical influences
- Sealing cover made from fibreglass-reinforced nylon 66, dust and water tight
- standard: with feed-through wiring and additional internal cable gland*

Technical data

Operating voltage:	12/24VDC, 24/42/230VAC
Tube:	makrolon / borosilicate glass
Light colour:	4000K
Temperature range:	-25 to +45 °C
Ballast unit:	EBU built in**
Protection category:	IP68
Protection class:	I / III
Dimensions:	Ø 70mm

* If the lights are factory-equipped with a connection cable, eliminating the additional cable gland.

** EBU = Electronic ballast unit

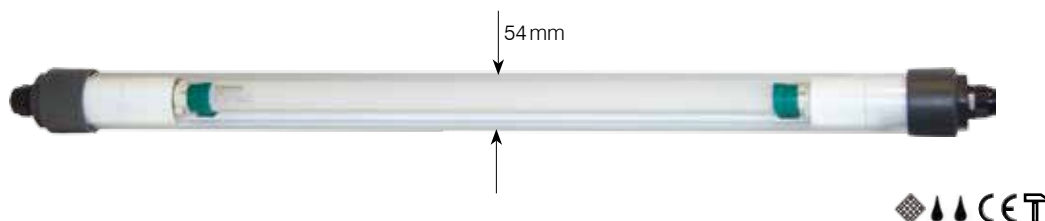
Art.No.	Type	Voltage	Output	Length	Illuminant
840047	borosilicate glass	12VDC	18W	750mm	TC-L compact
840046	makrolon	12VDC	18W	750mm	TC-L compact
840064	borosilicate glass	12VDC	36W	925mm	TC-L compact
840056	makrolon	12VDC	36W	925mm	TC-L compact
840049	borosilicate glass	24VDC	18W	750mm	TC-L compact
840048	makrolon	24VDC	18W	750mm	TC-L compact
840067	borosilicate glass	24VDC	36W	925mm	TC-L compact
840066	makrolon	24VDC	36W	925mm	TC-L compact
840051	borosilicate glass	24VAC	18W	750mm	TC-L compact
840050	makrolon	24VAC	18W	750mm	TC-L compact
840070	borosilicate glass	24VAC	36W	925mm	TC-L compact
840069	makrolon	24VAC	36W	925mm	TC-L compact
840055	borosilicate glass	42VAC	18W	750mm	TC-L compact
840052	makrolon	42VAC	18W	750mm	TC-L compact
840080	borosilicate glass	42VAC	36W	925mm	TC-L compact
840079	makrolon	42VAC	36W	925mm	TC-L compact

SteamLIGHT SL70
Protected tube light

Art.No.	Type	Voltage	Output	Length	Illuminant
840005	borosilicate glass	230VAC	11W	500mm	TC-SEL compact
840004	makrolon	230VAC	11W	500mm	TC-SEL compact
840007	borosilicate glass	230VAC	18W	565mm	TC-L compact
840006	makrolon	230VAC	18W	565mm	TC-L compact
840015	borosilicate glass	230VAC	18W	925mm	T8 tube
840014	makrolon	230VAC	18W	925mm	T8 tube
840009	borosilicate glass	230VAC	36W	750mm	TC-L compact
840008	makrolon	230VAC	36W	750mm	TC-L compact
840017	borosilicate glass	230VAC	36W	1535mm	T8 tube
840016	makrolon	230VAC	36W	1535mm	T8 tube
840029	borosilicate glass	230VAC	39W	1175mm	T5 tube
840028	makrolon	230VAC	39W	1175mm	T5 tube
840030	borosilicate glass	230VAC	49W	1835mm	T5 tube
840031	makrolon	230VAC	49W	1835mm	T5 tube
840033	borosilicate glass	230VAC	54W	1535mm	T5 tube
840032	makrolon	230VAC	54W	1535mm	T5 tube
840011	borosilicate glass	230VAC	55W	925mm	TC-L compact
840010	makrolon	230VAC	55W	925mm	TC-L compact
840019	borosilicate glass	230VAC	58W	1835mm	T8 tube
840018	makrolon	230VAC	58W	1835mm	T8 tube
840013	borosilicate glass	230VAC	80W	925mm	TC-L compact
840012	makrolon	230VAC	80W	925mm	TC-L compact
840035	borosilicate glass	230VAC	80W	1835mm	T5 tube
840034	makrolon	230VAC	80W	1835mm	T5 tube
840041	borosilicate glass	230VAC	2x39W	1175mm	T5 tube
840040	makrolon	230VAC	2x39W	1175mm	T5 tube
840045	borosilicate glass	230VAC	2x54W	1535mm	T5 tube
840044	makrolon	230VAC	2x54W	1535mm	T5 tube

SteamLED SL50 Protected tube light

**NEW
IP68**



GIFAS has revised its range of protective tube lights completely. In particular, the degree of protection is increased to IP68 and the connection has been massively improved.

An economic alternative to the customary protective tube lights shows the SL50. The powerful and energy-efficient LED tubes in the modern design and T8 size are particularly ideal for workshops, large factories, retail businesses, warehouses, supermarkets, refrigerated warehouses, hospitals, doctors' surgeries, museums, etc. The latest-generation LED tubes give out light energy concentrated at a defined beam angle (120°) unlike conventional fluorescent tubes without any of the annoying flickering.

Product properties

- Reduced power consumption
- 40% less heat generation than with fluorescent bulbs
- No starter and no EBU required
- Use of ultra-modern, patented LEDs
- Consistent illumination, regardless of ambient temperature
- Unbreakable (workplace safety)
- Non-dimmable
- standard: with feed-through wiring and additional internal cable gland*
- shock-resistant tube, made of Makrolon

Technical data

Operating voltage:	230VAC
Power supply:	mains connection
Illuminant:	T8 LED tube
Light output:	1.200lm, 2.600lm, 3.200lm
Beam angle:	120°
LED lifetime:	min. 40.000h
Light colour:	4000K
Temperature range:	-25 to +45 °C
Protection category:	IP68
Protection class:	I
Dimensions:	Ø 54mm

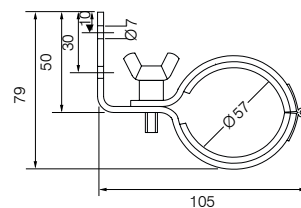
* If the lights are factory-equipped with a connection cable, eliminating the additional cable gland.

Other implementation on request.

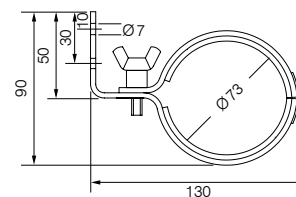
**Protected tube light
Accessories**

Accessories / spare parts

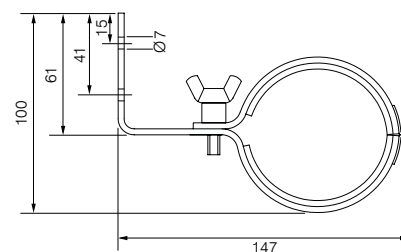
840082	wall mounting SL50, high quality steel V4A
840083	wall mounting SL70 Typ 1, high quality steel V4A
840084	wall mounting SL70 Typ 2, high quality steel V4A
840085	wall mounting SL70 Typ 3, high quality steel V4A
237622	TC-SEL Illuminant compact 11W/230V
237615	TC-L Illuminant compact 18W/230V
237617	TC-L Illuminant compact 36W/230V
237618	TC-L Illuminant compact 55W/230V
263773	TC-L Illuminant compact 80W/230V
237231	T8 fluorescent lamp 18W/230V
237613	T8 fluorescent lamp 36W/230V
237614	T8 fluorescent lamp 58W/230V
282301	T5 fluorescent lamp 14W/230V
282302	T5 fluorescent lamp 21W/230V
282303	T5 fluorescent lamp 24W/230V
282304	T5 fluorescent lamp 28W/230V
282305	T5 fluorescent lamp 39W/230V
282306	T5 fluorescent lamp 49W/230V
282307	T5 fluorescent lamp 54W/230V
282308	T5 fluorescent lamp 80W/230V
282986	T8 LED-tube 11W/230V
282309	T8 LED-tube 26W/230V
282310	T8 LED-tube 32W/230V
o. r.	Cable connection
282491	Installation wrench



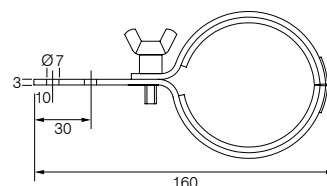
wall mounting SL50, Art. No. 840082



wall mounting SL70 Typ 1, Art. No. 840083



wall mounting SL70 Typ 2, Art. No. 840084



wall mounting SL70 Typ 3, Art. No. 840085



Further spare / individual parts and protective tube (makrolon or glass) available upon request.

Industrial lighting



Path lighting



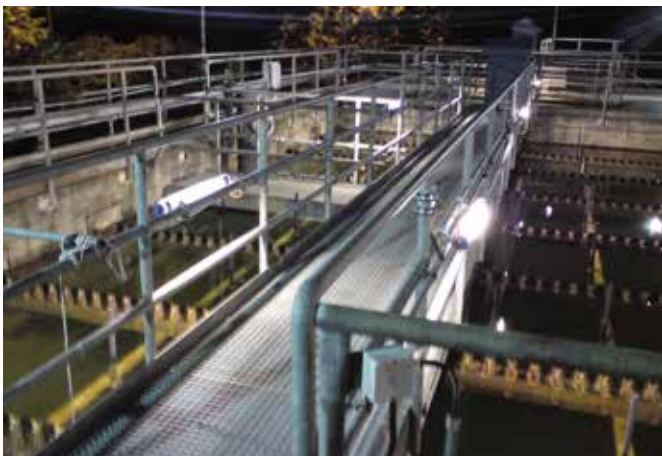
Illuminating direction sign, industrial area



Path lighting pedestrian underpass



Road lighting underpass



Path lighting, water works



Path lighting, water works

Industrial lighting



Sewage treatment plant



Job illumination, power station



Path lighting, gravel quarry



Machine illumination



Illumination traffic sign



Illumination ice grotto

**MasterLED
Workstation LED light**
NEW

with improved
performance
20 watt!

Available from
September 2014



Type 1
(with 1 joint)



Type 2
(with 3 joints)



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.

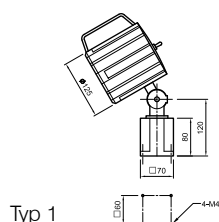
Product properties

- Full light flux available immediately
- Low energy consumption with a high light yield
- Minimal temperature development
- Extremely resilient to switching (> 1 million)
- Maintenance-free
- No UV / IR radiation
- Insensitive to shock and vibration
- Can be rotated and swivelled in various positions
- Screw-on lamp base
- On/Off switch on the rear lamp head
- Grip made from polyamide
- Cover shatter-proof safety glass
- Material of housing and reflector is Aluminium

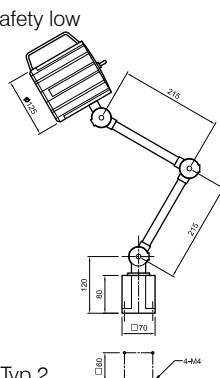
Technical data

Operating voltage:	230VAC und 24VAC/DC
Illuminant:	1x20W LEDs
Illuminance:	1500lm
LED lifetime:	> 50.000 hours
LED switching resilience:	> 1 million
Protection category:	IP65
Protection class:	III when operated at safety low voltage

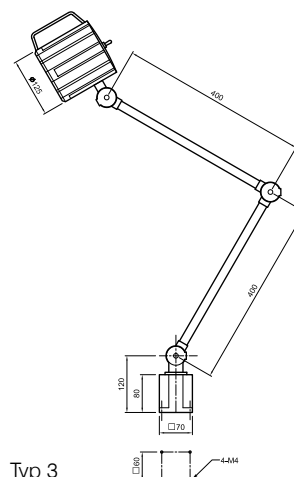
Art. No.	Design
283110	Type 1 24VAC/DC
283111	Type 2 24VAC/DC
283112	Type 3 24VAC/DC
283113	Type 1 230VAC
283114	Type 2 230VAC
283115	Type 3 230VAC
Accessories / spare parts	
236637	Screw-on magnetic foot
236640	Magnetic plate (for magnetic foot, only for type 1)
236643	Spare switch
236644	Protective cap for switch
274951	Var. articulated stand 3
274950	Va. articulated stand 2
236641	Spare glass
251620	Glare restriction louvre, black plastic
245361	Handle
245728	Screw clamp
236645	Sealing ring for front pane
282898	LED head 20W
282899	Electronic 230VAC
282900	Electronic 24VAC/DC



Typ 1



Typ 2



Typ 3

Other designs available upon request.

SpotLED FLEX Workstation LED spotlight



The SpotLED FLEX is ideal for good visibility in any 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 in commercial situations, industry and applications both indoors and outdoors thanks to the state-of-the-art LED technology. The SpotLED FLEX is extremely sturdy, can rotate and swivel, and is the ideal light for all types of applications.

Product properties

- Small light in a modern design
- Vibration-proof
- Ready for use instantly, flicker-free
- Housing with cooling fins for optimal heat dissipation
- Housing made from cast aluminium, black-coated
- Material of flexible tube and adapter is steel, black-coated
- Clip made from stainless steel V2A, powder-coated
- Can be supplied as a wide or broad beam

Technical data

Operating voltage:	12-30VDC or via a 230VAC, 24VDC power pack (also available in 24VAC on request)
Power consumption:	500mA@24VDC, 950mA@12VDC
Illuminant:	5x3W PowerLEDs
Light colour:	cool white 6350-7000K
Beam angle:	Spot 10° Medium 38°
Temperature range:	-30°C to +45°C
Protection category:	IP 54 (without connector power pack)
Protection class:	III
Surface temp.:	max. 55°C
Connecting cable:	1,6m, 2x0.5mm ² (PUR cable) incl. connector power pack
Dimensions (WxHxD):	108x67x82mm (Light)
Weight:	500g

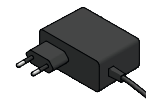
Art. No.	Design	Connecting cable	Connector power pack	Length flexible tube
275211	Spot	-	-	200mm
275214	Spot	-	-	300mm
275215	Spot	-	-	400mm
275595	Spot	-	-	600mm
275216	Medium	-	-	200mm
275217	Medium	-	-	300mm
275218	Medium	-	-	400mm
275596	Medium	-	-	600mm
275516	Spot	1,6m	230V	200mm
275517	Spot	1,6m	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	230 V AC/24 V DC plug-in power supply with 1.6 m connecting cable
275523	Round magnetic clamp, diameter 86 x 20 mm, force 540 N, incl. M6 fastening screw
270923	PC transparent safety glass for SpotLED Flex
270922	Safety grille V2A



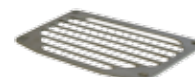
Round magnetic clamp



plug-in power supply with connecting cable



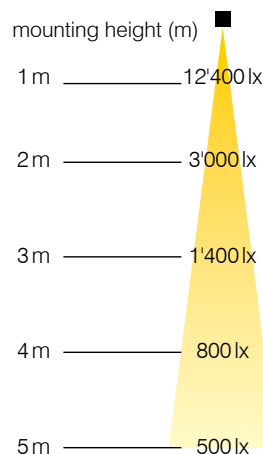
PC transparent safety glass



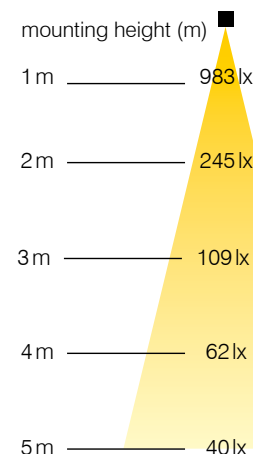
Safety grille V2A

Lighting scheme spot 10°

average illuminance (lx)



Lighting scheme medium 38°



Other length and designs available upon request.

LED laboratory light



This linear object illumination is ideal for workplaces. Thanks to the flat design the LED laboratory light fits ideally to the environment. The LED modules are energy efficient and durable.

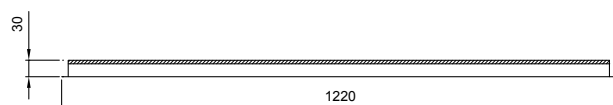
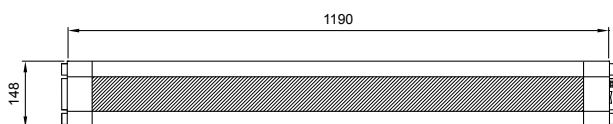
Product properties

- high light efficiency
- various attachments and base assembly possible
- extra flat design

Technical data

Operating voltage:	230VAC / 50Hz
Power consumption:	40W @cos(phi) 0,84
Illuminant:	3 LED-Modules with EBU
Illuminance:	1020 Lux @1m
Protection class:	I, Protective grounding, including potential compensation
Protection category:	IP54
Dimensions (WxHxD):	1220(1190)x148x30mm
Weight:	2,5kg

Art.No	Design
278593	LED laboratory light 230VAC



Practical examples



MasterLED LED light



MasterLED LED light



SpotLED FLEX LED spotlight



SpotLED FLEX LED spotlight



LED laboratory light



LED laboratory light

SpotLED 24 LED spotlight



with fixed connection
cable 3 x 0.5 mm², length 5 m

The high-performance and energy efficient SpotLED spotlights with state-of-the-art LED technology offer a wide range of applications for interior and exterior lighting. The housing material (aluminum die cast) can be individually combined with other components (LED, optics, colour) and can be used for a variety of lighting purposes. The SpotLED has a maximum rotation angle of 165°. Standard equipment for the SpotLED is a bracket that is supplied for easy wall mounting. Whether for outdoors or for work on transportation vehicles (construction, agriculture, cleaning, waste disposal, ski equipment), for use in garden and on facades - the SpotLED puts things in the right light. There are also many applications for workplace and indoors.

Product properties

- Small spotlight in modern design
- Vibration-proof
- Ready for use instantly, flicker-free
- Housing with cooling fins for optimal heat dissipation
- Housing made of die cast aluminum
- Available in three housing colours: white, silver, black
- Brackets made of stainless steel V2A, powder-coated
- Various beam angles (different optics)
- Dimming with potentiometer possible (500kOhm positive logarithmic)

Technical Data

Operating voltage:	12-30VDC or 24VDC about 230VAC power pack
Power consumption:	500mA @ 24VDC, 950mA @ 12VDC
Illuminants:	5x3W Power LEDs
Light colour:	cool white (6350 - 7000K) warm white (2800 - 3200K) alternative coloured filters: red/green/yellow
Beam angle:	Spot 10° Medium 38° Wide 67°
Temperature range:	-10°C to +45°C
Protection category:	IP66
Protection class:	III
Surface temperature:	max. 55°C
Dimensions (WxHxD):	108x67x82mm
Weight:	350g

Other designs available upon request.

Junction box Art. No.	fixed connection 5 m Art. No.	Design	Housing colour	Light colour
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

Voltage supply 24 VDC, direct connection or 230 V via power pack.

Accessories	
270922	Safety grille V2A
270923	PC transparent safety glass
268167	Spectral filter set: 3 spectral filter articles in red, green and yellow
278055	Ground spike
268322	Plug for cigarette light, 5m cable, for junction box design
267963	Connector power pack for junction box design
on request	Tax cable 3 x 0.5mm ² , without PE, numbers, Ø 5.2 mm
on request.	Just flange tin for distributor box 3P, IP67, with 0.2 m litz wire
268321	Connector with 5m cable for design with junction box
270489	Magnetic clamp 180N
267765	Star grip
267829	Power pack 1-phase 1.1 A/25W, 230/24VDC
267828	Power pack 1-phase 2.2 A/50W, 230/24VDC

SpotLED 24 LED spotlight



with built-in junction box

Safety grille V2A Art.No. 270922

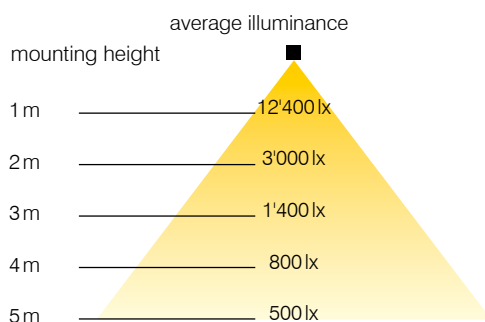
PC transparent safety glass for SpotLED Art.No. 270923



Spectral filter set: 3 spectral filter articles in red, green and yellow
Art.No. 268167



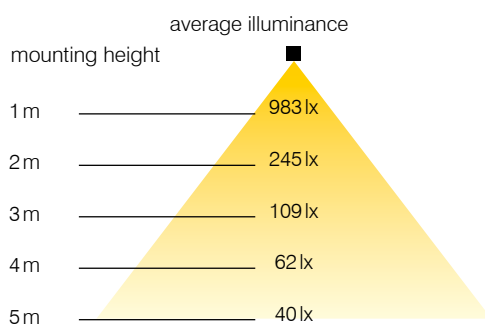
Lighting scheme Spot 10°



Ground spike for SpotLED Art.No. 278055



Lighting scheme Medium 38°



Loading cable 12 VDC with 5 m of cable 2 x 0.5mm², tin bent for cigarette lighter Art. No. 268322

Plug mains appliance 230/24 VDC with 1.8 m of cable and corner coupling for nominal achievement max. 24 W of Art. No. 267963



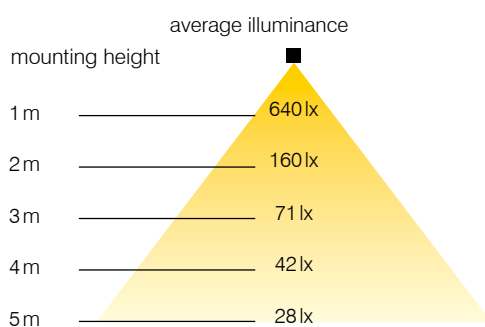
Tax cable 3 x 0.5mm², without PE, numbers, Ø 5.2 mm

Art. No. on request

Just flange tin for distributor box 3P, IP67, with 0.2 m litz wire
Art. No. on request



Lighting scheme Wide 67°



Connecting lead 5 m black, bent with tin
3P, IP67, 3 x 0.25mm² Art. No. 268321



SpotLED 230 LED spotlight



with standing clip

Whether in homes or retail spaces, the SpotLED 230 puts the focus 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.

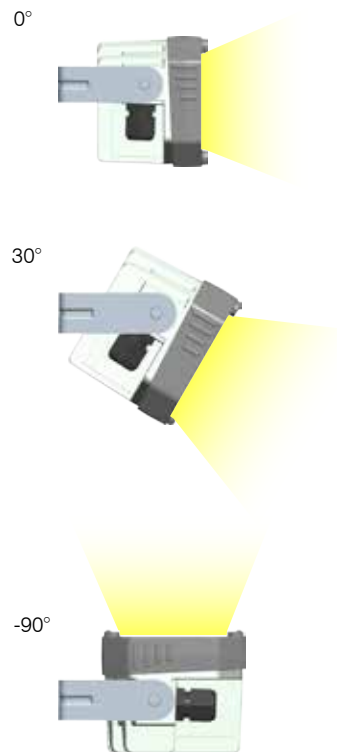
Product properties

- Housing made of die cast aluminum with cooling fins
- Housing colour silver-grey
- Optimum cooling
- Thermal protection
- Mounting bracket made of stainless steel, powder-coated, swiveling
- Feed-through wiring and M16 cable fitting

Technical data

Operating voltage:	230VAC
Power consumption:	120mA
Illuminant:	8x3W Power LEDs
Light colour:	Warm white 2800-3300K Comfort white 3700-4300K Cool white 5700-7000K
Beam angle:	Spot 10° Medium 38° Wide 67°
Temperature range:	-10°C to +45°C
Protection category:	IP66
Protection class:	I
Surface temp.:	< 50°C
Dimensions (WxHxD):	170x89x105mm
Weight:	1000g

Variable positions of 0 ° to 90 ° with fixed assembly



Hanger protection



Earth spit



Other designs available upon request.

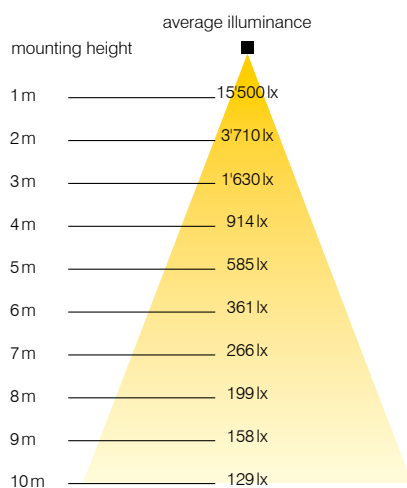
SpotLED 230 LED spotlight

Art.No.	Design	Light colour	connecting cable	plug	outgoing feeder	connector	cable connection/ filler-plug
273678	Spot	warm white	-	-	-	-	M16/1x
273703	Medium	warm white	-	-	-	-	M16/1x
281934	Wide	warm white	-	-	-	-	M16/1x
on request	Spot	warm white	5m 3x1mm ²	safety	-	-	M16/1x
on request	Medium	warm white	5m 3x1mm ²	safety	-	-	M16/1x
on request	Spot	warm white	10m 3x1mm ²	safety	-	-	M16/1x
on request.	Medium	warm white	10m 3x1mm ²	safety	-	-	M16/1x
on request	Spot	warm white	5m 3x1mm ²	safety	1m 3x1mm ²	safety	-
on request	Medium	warm white	5m 3x1mm ²	safety	1m 3x1mm ²	safety	-
273705	Spot	comfort white	-	-	-	-	M16/1x
273707	Medium	comfort white	-	-	-	-	M16/1x
281935	Wide	comfort white	-	-	-	-	M16/1x
on request	Spot	comfort white	5m 3x1mm ²	safety	-	-	M16/1x
on request	Medium	comfort white	5m 3x1mm ²	safety	-	-	M16/1x
on request	Spot	comfort white	10m 3x1mm ²	safety	-	-	M16/1x
on request	Medium	comfort white	10m 3x1mm ²	safety	-	-	M16/1x
on request.	Spot	comfort white	5m 3x1mm ²	safety	1m 3x1mm ²	safety	-
on request	Medium	comfort white	5m 3x1mm ²	safety	1m 3x1mm ²	safety	-
273710	Spot	cold white	-	-	-	-	M16/1x
273712	Medium	cold white	-	-	-	-	M16/1x
281936	Wide	cold white	-	-	-	-	M16/1x
273840	Spot	cold white	5m 3x1mm ²	safety	-	-	M16/1x
273842	Medium	cold white	5m 3x1mm ²	safety	-	-	M16/1x
281939	Wide	cold white	5m 3x1mm ²	safety	-	-	M16/1x
273846	Spot	cold white	10m 3x1mm ²	safety	-	-	M16/1x
273848	Medium	cold white	10m 3x1mm ²	safety	-	-	M16/1x
281938	Wide	cold white	10m 3x1mm ²	safety	-	-	M16/1x
273849	Spot	cold white	5m 3x1mm ²	safety	1m 3x1mm ²	safety	-
273851	Medium	cold white	5m 3x1mm ²	safety	1m 3x1mm ²	safety	-
281937	Wide	cold white	5m 3x1mm ²	safety	1m 3x1mm ²	safety	-

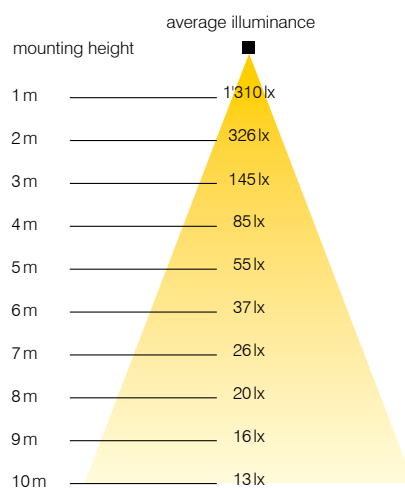
Accessories

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)
278055	Ground spike

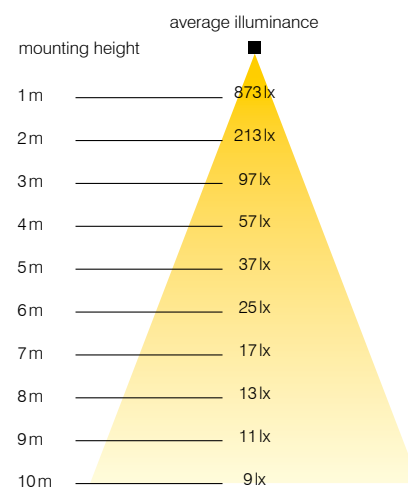
Lighting scheme Spot 10°



Lighting scheme Medium 38°



Lighting scheme Wide 67°



SpotLED 42 LED spotlight



with standing clip

Whether in homes or retail spaces, the SpotLED 42 puts the focus superbly on your property. This compact LED spotlight 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. For a comfortable mobile use a version with standing clip is available. The large cooling fins on the back of the spotlight ensure optimum cooling.

Product properties

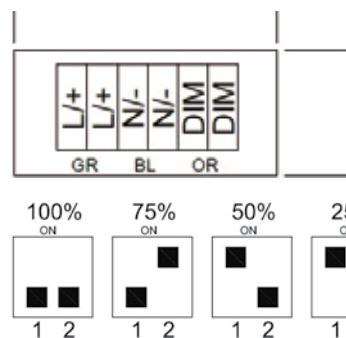
- Housing made of die cast aluminum with cooling fins
- Housing colour silver-grey
- Optimum cooling
- Satinated pane
- Mounting bracket made of stainless steel, powder-coated, swiveling
- Cable inlet via connection housing
- Feed-through wiring and M16 cable fitting
- Dimmable (possible stages: 25/50/75%)

Technical data

Operating voltage:	12/42VDC, 24/42 VAC
Power consumption:	860mA/24VAC, 520mA/42VAC, 640mA/24VDC, 360mA/42VDC
Illuminant:	8x3W Power LEDs
Light colour:	Cool white 5700-7000K
Beam angle::	Spot 28° Medium 44° Wide 120°
Temperature range:	-10°C to +45°C
Protection category:	IP66
Protection class:	III
Surface temperature:	<50°C
Dimensions (WxHxD):	170x89x105mm
Weight:	1000g

Dimming

A separate input must be connected to the more positive pole of the input voltage to activate the dimming function. With an AC supply, dimming can be activated from either of the two input potentials.



terminal assignment
Dimming = clip between
L/+ and dim

Dimming level
adjustable via dip
switch

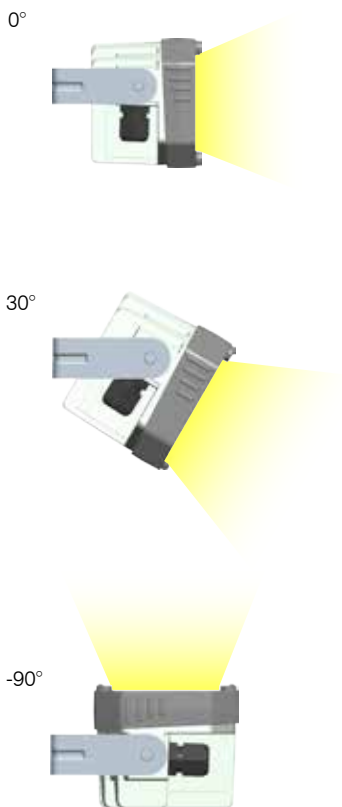
Other designs available upon request.

SpotLED 42 LED spotlight



with hanger protection

Variable positions of 0 ° to 90 ° with fixed assembly



Art.No.	Voltage	Optics	Connecting cable 5m	Plug	Standing clip
278298	12-24VDC 24-42VAC	28°	-	-	-
278300	12-24VDC 24-42VAC	44°	-	-	-
278301	12-24VDC 24-42VAC	120°	-	-	-
278302	24VAC/DC	28°	2x1,5mm ²	CEE 24V	-
278304	24VAC/DC	44°	2x1,5mm ²	CEE 24V	-
278305	24VAC/DC	120°	2x1,5mm ²	CEE 24V	-
278306	24VAC/DC	28°	2x1,5mm ²	CEE 24V	pre-installed
278307	24VAC/DC	44°	2x1,5mm ²	CEE 24V	pre-installed
278308	24VAC/DC	120°	2x1,5mm ²	CEE 24V	pre-installed
278309	42VAC/DC	28°	2x1,5mm ²	CEE 42V	-
278310	42VAC/DC	44°	2x1,5mm ²	CEE 42V	-
278311	42VAC/DC	120°	2x1,5mm ²	CEE 42V	-
278312	42VAC/DC	28°	2x1,5mm ²	CEE 42V	pre-installed
278314	42VAC/DC	44°	2x1,5mm ²	CEE 42V	pre-installed
278315	42VAC/DC	120°	2x1,5mm ²	CEE 42V	pre-installed

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)
278055	Earth spit

Halogen floodlight 92/94/95



with protective frame

The high-quality halogen spotlights, with a medium-width beam and excellent light efficiency, feature excellent heat dissipation thanks to large cooling fins and special brackets, thereby ensuring a long service life for the halogen bulbs. They offer universal possibilities for use in up-close, outdoor and indoor lighting for wall, ceiling and stand mounting with a variety of accessories. Dimensions (WxHxD):

Product properties

- Housing and frame made from cast aluminium, unpainted, with silicon seal
- All exterior steel parts stainless
- Temperature change-resistant safety glass
- Channel mirror made from shiny anodised aluminium
- Mounting clip in hot-dip galvanised steel

Technical data

Operating voltage: 230V, 42V, 24V
 Power supply: mains connection
 Illuminant: halogen bulb
 Inclination range: 100°
 Protection category: IP54
 Protection class: I (230 V) / III (low voltage)
 Dimensions (WxHxD): 240x150/210x120mm
 Weight: dependent on design 2-6kg



Super-grip clamp with adapter



Slatted protective grille



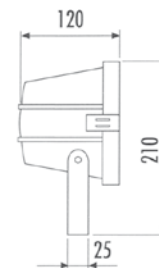
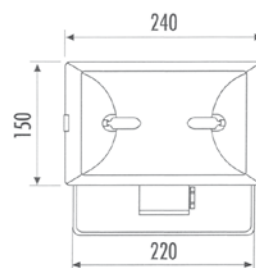
500 Watt halogen bulb



Halogen bulb
150 Watt / 75 Watt

Art. No.	Design	Supply cable	Plug
203529	24V/2x75W	10m 2x2,5mm ²	CEE 16A/24V
203550	24V/2x150W	10m 2x2,5mm ²	CEE 16A/24V
203502	42V/2x75W	10m 2x1,5mm ²	CEE 16A/42V
203552	42V/2x150W	10m 2x1,5mm ²	CEE 16A/42V
115203	230V/500W	10m 3x1,5mm ²	Protective contact
203527	24V/2x75W	-	-
203531	24V/2x150W	-	-
203500	42V/2x75W	-	-
203486	42V/2x150W	-	-
105044	230V/500W	-	-

Art. No.	Spare parts / accessories
124019	Halogen bulb with bayonet base 24V/75W
202822	Halogen bulb with bayonet base 42V/75W
128803	Halogen bulb with bayonet base 24V/150W
128804	Halogen bulb with bayonet base 42V/150W
103088	Halogen bulb 230V/500W
105048	Front pane made from heat-resistant, impact-resistant glass
105050	Frame for front pane
105052	Mounting clip for spotlight
105053	Fastening material for mounting clip
105054	Connecting box for spotlight
105056	Retaining spring for front pane
105057	Reflector for spotlight
105059	Profile seal for spotlight
105067	Spring clamp lock for front pane frame
124170	BA 15d socket without flange fastening
105065	Stainless steel slatted protective grille
105515	Zinc-plated protective grille
105510	Super-grip clamp with adapter



Halogen floodlight 9660



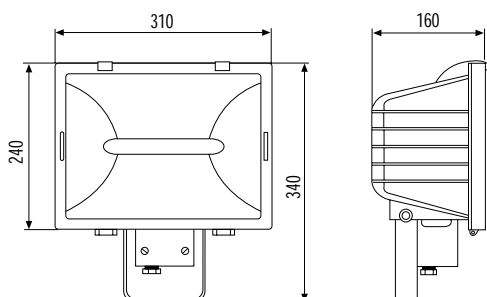
The high-quality 9660 halogen spotlights, with a medium-width beam and excellent light efficiency, feature excellent heat dissipation thanks to large cooling fins and special brackets, thereby ensuring a long service life for the halogen bulbs. They offer universal possibilities for use in up-close, outdoor and indoor lighting for wall, ceiling and stand mounting with a variety of accessories.

Product properties

- Housing and frame made from cast aluminium, unpainted, with silicon seal
- All exterior steel parts stainless
- Temperature change-resistant safety glass
- Reflector made from shiny anodised aluminium
- Aluminium mounting clip

Technical data

Operating voltage: 230V
 Power supply: mains connection
 Illuminant: halogen bulb
 Inclination range: 100°
 Protection category: IP55
 Protection class: I
 Dimensions (WxHxD): 310x240/340x160mm
 Weight: approx. 3kg



Betriebsspannung: 230V
 Power supply: Netzanschluss
 Illuminant: Halogenbrennstab
 Neigungsbereich: 100°
 Schutzart: IP55
 Schutzklasse: I
 Dimensionen (BxHxT): 310x240/340x160mm
 Weight: ca.3kg

Art. No.	Design	Supply cable	Plug
131017	230V/1000W	5m 3x1,5mm ²	Protective contact
117217	230V/1000W	10m 3x1,5mm ²	Protective contact
Art. No.	Spare parts / accessories		
103089	1000W/R7S halogen bulb		
112585	Front pane made from heat-resistant, impact-resistant glass		
132251	Frame for front pane		
132771	Connecting box for spotlight		
115713	Reflector for spotlight		
120757	Profile seal for spotlight		
111704	Bracket for bulb		
130468	Spring clamp lock for front pane frame		
208294	Frame		
211517	Slatted protective grille		



Frame



Slatted protective grille



1000W halogen bulb

FlutLED 30W



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 FlutLED spotlight 30W all areas where a broad basic illumination is needed. For example on construction sites, cold stores, advertising panels, gateways to yards, illumination of storefronts and objects, for civil protection services, schools, public buildings and more.

Product properties

- Full light flux available immediately
- Low energy consumption with a high light yield
- Minimal temperature development
- Extremely switching-resistant (> 1 million)
- Maintenance-free
- No UV / IR radiation
- Insensitive to shock and vibration

Technical data

LED output:	30W
Voltage:	42/230VAC
Light flux:	> 80lm/W
LED lifetime:	> 50.000 hours
Light flux loss:	< 10%
LED switching resilience:	> 1 million
Light colour:	5500K
Temperature of usage area:	-20°C to +55°C
Material of housing and reflector:	aluminium
Colour:	silver-grey
Cover:	5mm safety glass
Protection category:	IP65
Protection class:	III (42V), I (230V)
Dimensions (WxH):	225x185x125mm
Weight:	2,3kg

D labelling on the 230VAC/30W design as per VDE 0711-2-24 or EN 60598-2-24.

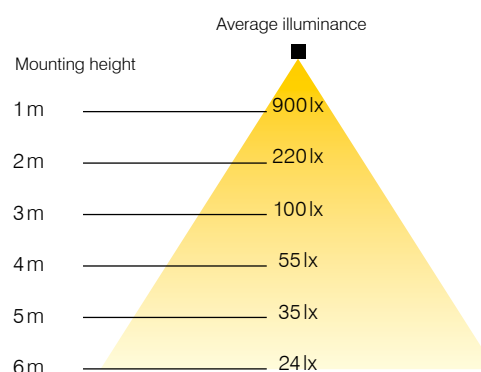
Art. No.	Design	Supply cable	Plug
270617	42V/30W LED	-	-
271089	42V/30W LED	5m	CEE 42V/2P
271090	42V/30W LED	10m	CEE 42V/2P
270650	230V/30W LED	-	-
270598	230V/30W LED	5m 3x1.5mm ²	Protective contact
270597	230V/30W LED	10m	Protective contact

Zubehör

278053	Frame for FlutLED 30W incl. fastening material
275245	Special clip for stand mounting for FlutLED 30W*

*Special clip for wider swivel range of the lights when used with stands

Lighting scheme



FlutLED 50W



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 FlutLED spotlight 30W all areas where a broad basic illumination is needed. For example on construction sites, cold stores, advertising panels, gateways to yards, illumination of storefronts and objects, for civil protection services and more.

Product properties

- Full light flux available immediately
- Low energy consumption with a high light yield
- Minimal temperature development
- Extremely switching-resistant (> 1 million)
- Maintenance-free
- No UV / IR radiation
- Insensitive to shock and vibration

Technical data

LED output:	50W
Voltage:	42/230VAC
Light flux:	> 80lm/W
LED lifetime:	> 50.000 hours
Light flux loss:	< 10%
LED switching resilience:	> 1 million
Light colour:	5500K
Temperature of usage area:	-20°C to +55°C
Material of housing and reflector:	aluminium
Colour:	silver-grey
Cover:	5mm safety glass
Protection category:	IP65
Protection class:	III (42V), I (230V)
Dimensions (WxH):	290x236x153mm
Weight:	3,3kg

D labelling on the 230VAC/50W design as per VDE 0711-2-24 or EN 60598-2-24.

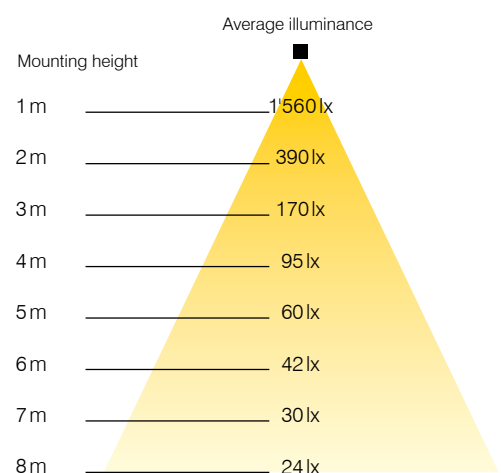
Art. No.	Design	Supply cable	Plug
270616	42V/50W LED	-	-
271080	42V/50W LED	5m	CEE 42V/2P
270641	42V/50W LED	10m	CEE 42V/2P
270652	230V/50W LED	-	-
270599	230V/50W LED	5m 3x1.5mm ²	Protective contact
270600	230V/50W LED	10m	Protective contact

Accessories

278023	Frame for FlutLED 50W incl. fastening material
275241	Special clip for stand mounting for FlutLED 50W*

*Special clip for wider swivel range of the lights when used with stands

Lighting scheme



FlutLED 70W



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 FlutLED spotlight 70W is ideal for all areas where a broad basic illumination is needed. For example crane lighting, on construction sites, advertising panels, gateways to yards, illumination of storefronts and objects, for civil protection services, schools, public buildings and more.

Product properties

- Full light flux available immediately
- Low energy consumption with a high light yield
- Minimal temperature development
- Extremely switching-resistant (> 1 million)
- Maintenance-free
- No UV / IR radiation
- Insensitive to shock and vibration

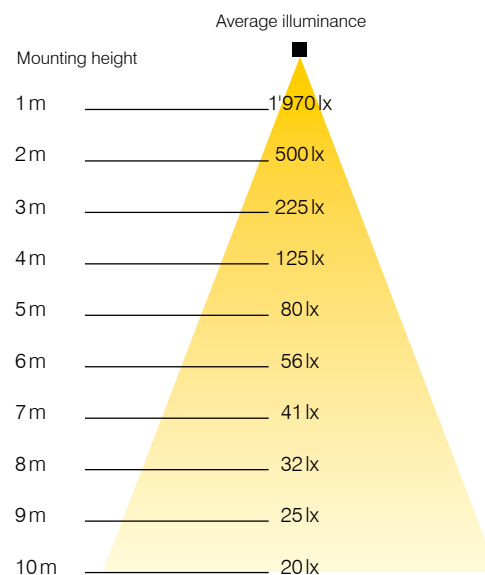
Technical data

LED output:	70W
Voltage:	230VAC
Light flux:	> 80lm/W
LED lifetime:	> 50.000 hours
Light flux loss:	< 10%
LED switching resilience:	> 1 million
Light colour:	cool white 6500K
Temperature of usage area:	-20°C to +55°C
Material of housing and reflector:	aluminium
Colour:	silver-grey
Cover:	5mm safety glass
Protection category:	IP65
Protection class:	I
Dimensions (WxHxD):	290x360x120mm
Weight:	4,9kg

D labelling on the 230VAC/70W design as per VDE 0711-2-24 or EN 60598-2-24.

Art. No.	Design	Supply cable	Plug
273533	230V/70W LED	-	-
273535	230V/70W LED	5m 3x1.5mm ²	Protective contact
273536	230V/70W LED	10m	Protective contact
Accessories			
277992	Frame for FlutLED 70W incl. fastening material		

Lighting scheme



FlutLED 2x70W



FlutLED 2x70W clear



FlutLED 2x70W mat



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 FlutLED spotlight 2x70W is ideal for all areas where a broad basic illumination is needed. For example crane lightning, on construction sites, advertising panels, gateways to yards, illumination of storefronts and objects, for civil protection services, schools, public buildings and more.

Product properties

- Full light flux available immediately
- Low energy consumption with a high light yield
- Minimal temperature development
- Extremely switching-resistant (> 1 million)
- Maintenance-free
- No UV / IR radiation
- Insensitive to shock and vibration

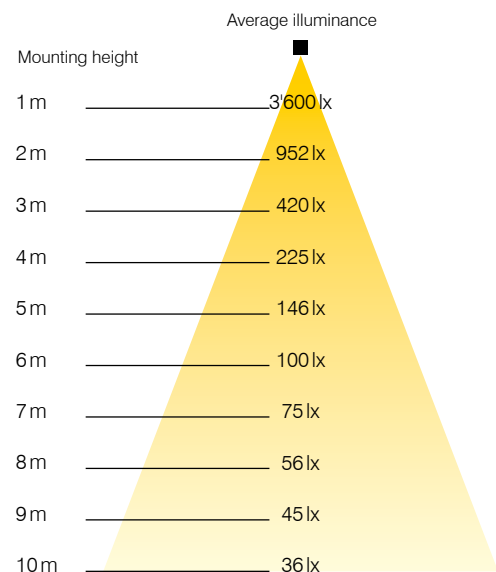
Technical data

LED output:	2x70W
Voltage:	230VAC
Light flux:	> 80lm/W
LED lifetime:	> 50.000 hours
Light flux loss:	< 10%
LED switching resilience:	> 1 million
Light colour:	cool white 5500K
Temperature of usage area:	-20°C to +55°C
Material of housing and reflector:	aluminium
Colour:	black
Cover:	5mm safety glass
Protection category:	IP65
Protection class:	I
Dimensions (WxHxD):	568x285x93mm
Weight:	11,2kg

D labelling on the 230VAC/2x70W design as per VDE 0711-2-24 or EN 60598-2-24.

Art. No.	Design	Supply cable	Plug
274202	230V/2x70W LED clear	5m 3x1.5mm ²	-
278018	230V/2x70W LED mat	5m 3x1.5mm ²	-

Lighting scheme



FlutLED 995.B / FlutLED 995.E



FlutLED 995.B broad beam

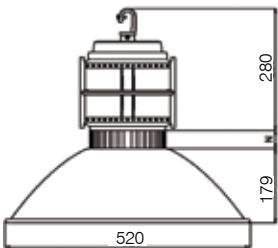


FlutLED 995.E narrow beam

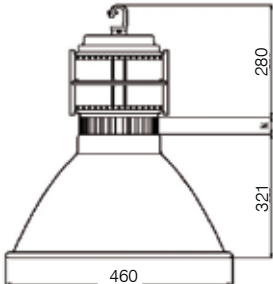


Area illumination in industrial and commercial

995.B wide beam for mounting height of approximately 8m
995.E narrow beam of light spot height from 8m



FlutLED 995.B



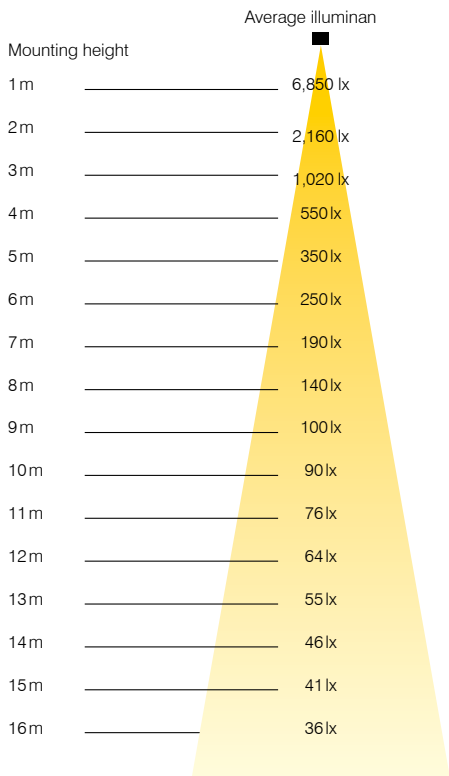
FlutLED 995.E

Technical data

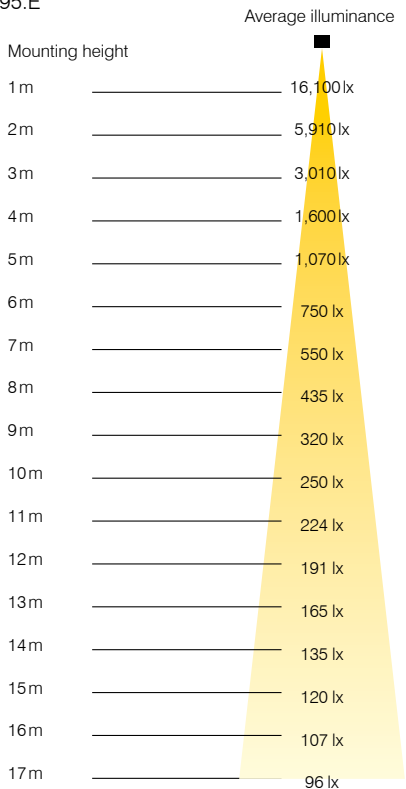
LED output:	100W
Voltage:	230VAC
Light flux:	> 80lm/W
LED lifetime:	> 50.000 hours
Light flux loss:	< 10%
LED switching resilience:	> 1 million
Light colour:	cool white 5500K
Temperature of usage area:	-35°C to +55°C
Material of housing and reflector:	aluminium
Colour:	silver-grey / black
Cover:	5mm safety glass
Protection category / protection class:	IP65 / I
Dimensions (ØxH):	520x584mm (B) 460x726mm (E)
Weight:	5,1kg

Art. No.	Design	Supply cable
270925	230V/100W LED broad beam	-
271600	230V/100W LED narrow beam	-

Lighting scheme 995.B



Lighting scheme 995.E



FlutLED 9530.B / FlutLED 9530.E



Area illumination in industrial and commercial

Broad beam: For a mounting height of approx. 15 metres
Narrow beam: For a mounting height above approx. 15 metres

Technical data

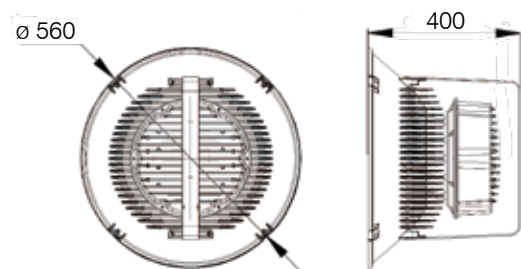
LED output:	200W (+30W for 9530.B*)
Voltage:	230VAC
Light flux:	> 80lm/W
LED lifetime:	> 50.000 hours
Light flux loss:	< 10%
LED switching resilience:	> 1 million
Colour temperature:	cool white 5500K
Temperature of usage area:	-35°C to +55°C
Material of housing and reflector:	aluminium
Colour:	silver-grey
Cover:	5mm safety glass
Protection category:	IP65
Protection class:	I
Dimensions (ØxH)	529x319mm
Weight:	15 kg

*30 W additional light for broad beam

The broad beam light has a 30W additional light for general lighting / patrols with a separate connection / terminal, e.g. for dipped mode (night).

D labelling on the 230VAC/200W and 230VAC/200W+30W design as per VDE 0711-2-24 or EN 60598-2-24.

Art. No.	Designation	Supply cable
277903	200W pendant light, broad beam (+ 30W)	-
277904	200W pendant light, narrow beam	-



Lighting scheme

Average illuminance:		
Mounting height	■	■
8 m	340 lx	1,200 lx
9 m	270 lx	1,000 lx
10 m	220 lx	800 lx
11 m	180 lx	650 lx
12 m	150 lx	550 lx
13 m	125 lx	475 lx
14 m	100 lx	400 lx
15 m	90 lx	350 lx
16 m	80 lx	300 lx
17 m	70 lx	275 lx
18 m	60 lx	250 lx
19 m	55 lx	225 lx
20 m	50 lx	200 lx
21 m	45 lx	180 lx
22 m	40 lx	165 lx
23 m	35 lx	150 lx
24 m	30 lx	140 lx

SpotLED and Halogen floodlight



SpotLED - company logo illumination



SpotLED - for use in a corrugated cardboard factory



SpotLED - in use on a film laminating machine



SpotLED - in use on a hot steel moulding machine, automotive supplier industry



Halogen spotlight - terrain lighting



Halogen spotlight - in use at a refuse combustion plant

FlutLED 50 Watt



FlutLED 50 Watt - lighting equipment hall, fire department



FlutLED 50 Watt - hangar lighting



FlutLED 50 Watt - ship lighting



FlutLED 50 Watt - location quartz sand bunker



FlutLED 9530, 200 Watt - warehouse lighting



FlutLED 9530, 200 Watt - hall lighting

FlutLED 70 Watt and 2x70 Watt



FlutLED 70 Watt - machines illumination abrasives - factory



FlutLED 2x70 Watt - mechanical engineering



FlutLED 2x70 Watt - location machine hall



FlutLED 2x70 Watt - warehouse lighting



FlutLED 2x70 Watt - corrosion protection industry



FlutLED 2x70 Watt - corrosion protection industry

FlutLED 9530, 200 Watt



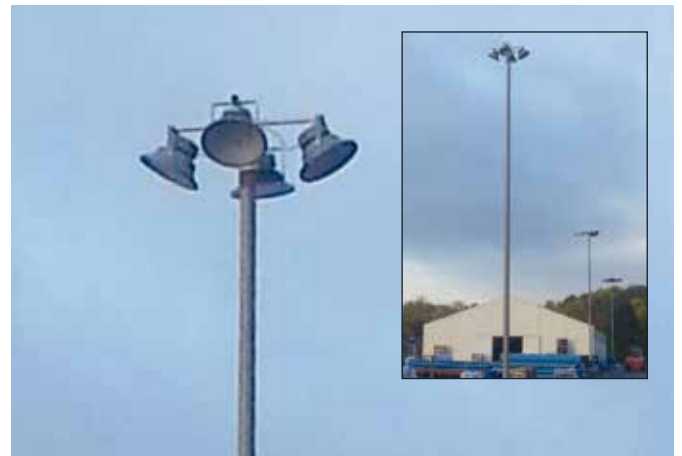
FlutLED 9530, 200 Watt - warehouse lighting



FlutLED 9530, 200 Watt - warehouse lighting



FlutLED 9530, 200 Watt - hall for fork truck



FlutLED 9530, 200 Watt - company lighting, outside area



FlutLED 9530, 200 Watt - oil platform



FlutLED 9530, 200 Watt - automotive supplier industry

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