

**09**  
MAIN CATALOGUE

## Technical lights

ELECTRIC SOLUTIONS

V0625



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# Introduction

Light is more than just a necessity – it is a design element that significantly influences our perception and our daily lives. Whether in architecture, in an industrial environment or in modern workplaces: the right lighting is crucial for atmosphere, safety and efficiency. It not only provides clarity, but also creates emotions, draws attention and shapes first impressions.

Technical lights offer much more than just brightness. They are true masterpieces of innovation, combining functionality, energy efficiency and design. In an age when sustainability and intelligent technology are at the forefront, a whole new spectrum of possibilities is opening up. Lights from GIFAS offer energy-efficient LED technology, modern design and a wide range of uses and operating options. Enjoy high-quality lighting that meets your needs and requirements. Sustainable solutions for your business or home: with professional advice and the resulting individual lighting solutions.

Incidentally, various lighting systems complete our range of comprehensive lighting solutions. You can find more information in the relevant detailed catalogues:

- **LaneLED GFK:** illuminated handrail system, glass-fibre reinforced, specially for self-rescue measures in tunnels and galleries
- **LaneLED INOX42:** handrail system made of V4A stainless steel with LED lighting
- **VisuLED HOME:** Spot light for installation and mounting, e.g. in the garden
- **LaneLED WALL:** Lighting system for limited space conditions and simplest mounting
- **LaneLED INOX48:** handrail system made of V4A stainless steel with LED lighting for emergency escape routes in railway tunnels
- **MarkLED – MarkLED EXIT:** optical guidance system, EXIT combined with escape route lighting
- **TrafficLED:** optical guidance system, can be driven over
- **CircLED:** optical guidance system, for roundabout lighting, etc.
- **SecuLED:** optical guidance system, for hard shoulder mounting
- **MarkLED i1:** optical guidance system, inductive (WPT)



- ✓ = from stock, offer subject to prior sale
- further versions on request

# FlashLED 2

## Rechargeable battery-operated luminaires

### Work and inspection lamp with emergency light function

If the supply voltage of the charging station fails, the light switches on in «emergency light» mode. This is activated at the factory («ON»), but can be changed by pressing the «OFF» switch.

### Product features

- The latest Li-Ion technology for a high energy density and maximum service life (up to 1'000 cycles possible)
- GIFAS Battery Management System to monitor and verify all important battery operating parameters
- Up to 14 hours of light depending on the selected operating mode and dimming level:
  - Spot: clustered, wide beam of light
  - Wide: light that illuminates the room
  - Full light: combination of Spot and Wide
  - Emergency light: broadly illuminating light cone
- Memory function = last setting is saved
- Blinking mode
- Robust housing glass fiber reinforced made out of polyamide
- Corrosion-resistant charging contacts (spring steel)
- Vertical swivelling light head
- Over-current, temperature and deep discharge protection
- Low self-discharge of the Li-Ion battery



**Emergency  
light 5.5 h**

### Technical data



Item no.	<b>861200 ✓</b>
Designation	FlashLED 2
Operating voltage	10- 42VDC
Light output	200lm - 1'250lm
Electric power supply	Li-Ion-accu 14.4V 2'600mAh
Charging time	5h
Luminous period	
– Spot (3 LED)	10h
– Wide (2 LED)	14h
– Full light (5 LED)	5h
– <b>Emergency light (5 LED)</b>	<b>5h</b>
Illuminant	5 Power-LED à 3W cool white 5'000K
Protection category	IP65
Protection class	III
Permitted ambient temperature	
– used	–20° to +45°C
– load	0° to +45°C
Weight	1.1 kg
Dimensions	
– Lamp excl. charging station	123×252×93.4 mm
– Lamp incl. charging station	149×323×108 mm
Remarks	excl. charging station

### Accessories

- 860026 ✓** FlashLED charging station 230 VAC (85- 264 VAC), incl. 1.5 m cable and plug T11
- 108125 ✓** FlashLED charging station BABS 230 VAC (85- 264 VAC), incl. 1.5 m cable and plug T11
- 860027 ✓** FlashLED charging station 12-24 VDC, with plug-in connection, without cable
- 860028 ✓** Charging cable with cigarette plug, L=2m
- 860029 ✓** Charging cable for permanent installation, with plug, L=2m
- 860030 ✓** Shoulder strap
- 212451 ✓** Coloured filter set (red, green, yellow)
- 861212 ✓** Spare battery 14.4V 2'600mAh
- 860744 ✓** Battery cover with magnetic strip



# FlashLED 2

## 5-fold charging station

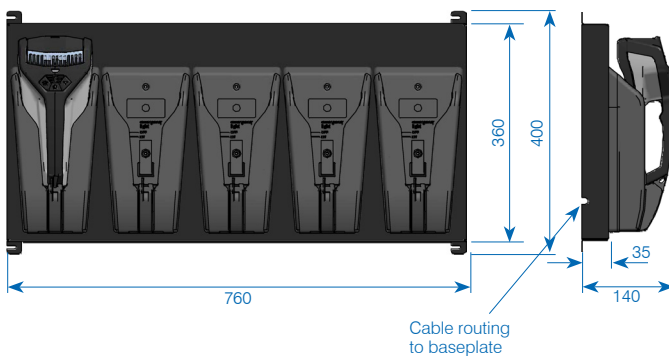
Complete 5-fold charging station as a wall-mounted model, with integrated power supply 230 VAC, 52 W incl. connection cable 3 m, 3 × 1 mm<sup>2</sup>, connector T12, fully ready for connection. Baseplate steel, black powder coated.

### Technical data



Item no.	164525 ✓
Designation	5-fold charging station
Operating voltage	230 VAC (88 - 264 VAC)
Protection category	IP20
Protection class	I
Weight	
– light	1.1 kg
– charging station	0.43 kg
– baseplate	2.8 kg
– baseplate with charging station	5 kg
Dimensions incl. lights	760 × 400 × 140 mm
Connection	3 m 3 × 1.0 mm <sup>2</sup> black T12

### Dimensions



# TorchLED

## Battery or accu operated

### Product features

- Battery or accu operated
- memory function = last setting remains stored
- blinking mode (red)
- shock- and vibration proof

### Light mode with 1'900 mAh Batterys/accu cells

main functions	functions	operating time	
		battery	accu
1 power LED white	– bright light	~ 6h	~ 6h
	– bright light dimmed	> 80h	> 80h
	– broad light	~ 6h	~ 6h
	– broad light dimmed	> 80h	> 80h
Signal lights with 2 LED	– permanent	> 40h	> 30h
	– dimmed	> 80h	> 60h



- a) broad light
- b) focused light
- c) red light
- d) green light
- e) green charging indicator

### Technical data

Technical data					
					
Item no.	860237 ✓	860240 ✓	860236 ✓	860239 ✓	860602 ✓
Designation	TorchLED torch light		TorchLED torch light with emergency light function		TorchLED torch light Swiss Army
Inclusive	hand strap	hand strap, magnetic strip	hand strap	hand strap, magnetic strip	hand strap
Light output	185 lm (2 LED white full light)				
Electric power supply	4 pcs. AA 1.5V Batterys or 4 pcs. AA 1.2V NiMH accu cells		4 pcs. AA 1.2V NiMH accu cells		4 pcs. AA 1.5V Batterys or 4 pcs. AA 1.2V NiMH accu cells
Equipment	2×white/2×red/2×green				
Illuminant	LED				
Protection category	IP54				
Temperature range	–20°C to +45°C				
Weight	~0.115 kg (without cells)				
Dimensions	68×115.5×35 mm				
Housing	<ul style="list-style-type: none"><li>– PA6-housing, with rubber overmolded handle lots (non-slip)</li><li>– freestanding</li><li>– belt clip/POM holding clamp</li><li>– impact resistant</li></ul>				
Remarks	for a TorchLED art. 860274 or 860275 is 4×needed		<ul style="list-style-type: none"><li>– for a TorchLED torch emergency light, art. 860274 is 4×needed</li><li>– in case of power failure, the light turns on automatically (broadlight 100%, lasting ~6h)</li></ul>		for a TorchLED Swiss Army, art. 860274 or 860275 is 4×needed

### Accessories

860274 ✓ Accu-NiMH 1.2V/1'900mAh HR6-AA

860275 ✓ Battery ALKALI LR & AA 1.5V





128785 ✓ TorchLED wall holder empty, without accessories

860335 ✓ Belt pouch 12×127×35mm

168655 ✓ Magnetic strip for stuck on bracket 20×2×60mm



## Charging stations

Technical data				
				
Item no.	860276 ✓	860440 ✓	861085 ✓	130407 ✓
Designation	TorchLED charging station	TorchLED charging station	TorchLED charging station	TorchLED 5-fold charging station
Operating voltage	230 VAC / 12 - 48 VDC	12 - 48 VDC / 700 mA	12 - 48 VDC	100 - 240 VAC / 5 × 700 mA
Electric power supply	700 mA charging current			
Charging time	at 1'900 mAh cells max. 4 h			
Protection category		IP44	IP44	IP44
Protection class				
– 100 - 240 VAC	II			
– 12 - 48 VDC	III			
Contacts	spring steel, gold plated			
Temperature range	0° C to +40° C (load)			
Dimensions	86.6 × 79.6 × 44 mm			500 × 220 × 125 mm
Connection	1.5 m cable and Euro plug	1.5 m cable without plug	1.5 m cable with cigarette plug	3 m cable 3 × 1.0 mm² black T12
Housing	<ul style="list-style-type: none"> <li>– ABS</li> <li>– wall or table mounting possible</li> <li>– lamp retaining clip</li> </ul>			wall mounting

# MultiLED 3

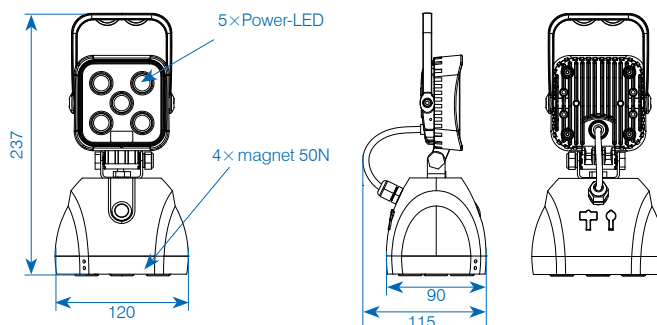
## Rechargeable battery-operated luminaire with magnet holder

### Technical data



Item no.	841113 ✓
Designation	MultiLED 3 Rechargeable battery-operated luminaires
Operating voltage	7.4 VDC
LED power	17 W
Light output	2'000 lm
Type of accu	Li-Ion 6.4 Ah
Charging time	~5 h, Charging indicator with green LED = 100 %
Luminous period	
– Mode 100 %	~5 h
– Mode 50 %	~10 h
Light colour	6'500 K
Beam angles	Flood 90°
Protection category	IP54
Temperature range	
– used	–20° C to +46° C
– load	+10° C to +30° C
Weight	~0.85 kg (incl. accu)
Dimensions	120×237×90/115 mm
Housing	plastic blue/black rubberised, impact-resistant, light unit aluminium black
Toggle mode	100 %, 50 %, flash, OFF
Capacity indicator	
– green	> 65 %
– yellow	25 - 65 %
– red	10 - 25 %
– red flash	< 10 %
Remarks	<ul style="list-style-type: none"> <li>– base socket with 4 × magnet 50N</li> <li>– bracket/suspension bracket pivoting 180° USB socket 5 × VDC 2A</li> <li>– incl. charger 230 VAC and car adapter</li> </ul>

### Dimensions



### Accessories

841114 ✓	Charger 230 VAC
841119	Charger 230 VAC 5-fold
841115	Charger 12/24 VDC
841117	Spare battery 6.4 Ah/7.4 VDC



# Suprabeam

## Torch lights

Technical data			
			
Item no.	861241 ✓	861242 ✓	860703 ✓
Designation	Torch light LED Suprabeam Q1r	Torch light LED Suprabeam Q3r	Torch light LED Suprabeam Q3classic
Electric power supply	1×Li-Po 720mAh	Li-Ion 3'000mAh	3×AAA 1.5V
Light range	100m	200m	210m
Light power levels/ Luminous period	max: 550lm/1 h dimming: 125lm - 6lm/50h	max: 1'100lm/1 h 45 min dimming: 600lm - 6lm/300h	330lm/20h
Protection category	IP20	IP68	IPX8
Temperature range	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Weight	0.48kg (incl. accu)	0.13kg (incl. accu)	0.96kg (incl. Batterys)
Dimensions	141.5×15mm	122×26.5mm	115.3×26.5mm
Housing material	High strength aluminum, anodised	High strength aluminum, anodised	High strength aluminum, anodised
Remark	incl. 1×Li-Po accu, USB-C cable	incl. 1×Li-Ion accu, USB-C cable	incl. 3×AAA Batterys and belt pouch

Technical data		
		
Item no.	861099 ✓	860804 ✓
Designation	Torch light LED Suprabeam Q5xrs defend with emergency light function	Multifunction lamp LED Suprabeam M6xr
Electric power supply	Li-Ion 3'300mAh	Li-Ion 3'000mAh
Light range	360m	Mixed beam 30°/70°/165m
Light power levels/ Luminous period	max: 2'000lm/1 h 15 min medium: 400lm/3h 30 min low: 50lm/28h strobe: 10 Hz	max: 2'000 lm/2h 15 min dimming: 600lm - 6lm/ 2h 30 min - 260h
Protection category	IPX4	IP68
Temperature range	-20°C to +50°C	-20°C to +50°C
Weight	0.182kg (incl. accu)	0.114kg (incl. accu)
Dimensions	161×39mm	110×23mm, head 32mm
Housing material	High strength aluminum, anodised	High strength aluminum, anodised
Remark	incl. 1×Li-Ion accu, USB-C cable	incl. 1×Li-Ion accu, USB-C adapter, headband, quick-release fastener, integrated magnetic base

### Accessories/spare parts

- 250023 ✓ Spare battery Li-Ion for Q3r
- 861044 Spare battery Li-Ion for Q5xrs defend
- 860805 ✓ Spare battery Li-Ion for M6xr
- 021811 ✓ Battery Alkali 1.5V, LR03-AAA
- 861243 ✓ Charger 4-fold (set with 4 Batteries) for M6xr
- 861244 ✓ Signal cone orange for Q3r
- 860708 ✓ Signal cone orange for Q5xrs defend

Technical data		
		
Item no.	<b>860947</b> ✓	<b>860707</b> ✓
Designation	Headlamp LED Suprabeam S4 rechargeable	Headlamp LED Suprabeam V3pro rechargeable
Electric power supply	Li-Po 1'400mAh	Li-Po 2'800mAh
Light range	100 m	245 m
Light power levels / Luminous period	max: 750 lm / 5 h 30 min medium: 250 lm / 8 h low: 75 lm / 18 h	max: 1'000 lm / 3 h medium: 180 lm / 8 h dimming: 6 lm - 300 lm / max. 225 h
Protection category	IP68	IPX4
Temperature range	-20° C to +35° C	-20° C to +50° C
Weight	0.136 kg (incl. accu)	0.184 kg (incl. accu)
Housing material	Hi-Tech plastic	Hi-Tech plastic composite with high strength aluminum
Remark	– incl. 1 × Li-Po accu, USB cable – adjustable headband 50 - 70 cm	– incl. 1 × Li-Po accu, USB cable – adjustable headband 50 - 70 cm

### Accessories/spare parts

**261998** ✓ Spare accumulator Li-Po for S4 rechargeable

**860709** ✓ Spare accumulator Li-Po for V3pro rechargeable

**216790** ✓ Helmet Clip for S4 rechargeable

**217308** ✓ Helmet Clip-Set for S4 rechargeable

**227473** ✓ Silicone headband black for V3pro rechargeable



# Suprabeam

## Working lamps

Technical data				
				
Item no.	860829 ✓	860831 ✓	860832 ✓	860835 ✓
Designation	SUPRABEAM I2r	SUPRABEAM D4r	SUPRABEAM W4r	SUPRABEAM W6r
Electric power supply	Li-Ion 3.7V, 2'600mAh, 9.62 Wh	Li-Ion 3.7V, 5'200mAh, 19.24 Wh	Li-Ion 11 V, 5'200mAh, 57.2Wh	Li-Ion 14.8V, 5'200mAh, 76.96 Wh
Light colour	6'500K			5'700K
Light range		Flood light: 45 m Spot light: 125 m	80 m	80 m
Light power levels / Luminous period	Top light: 120lm/10h dimming: 700-60lm/2-16h	high: 1'400lm/3h medium: 900lm/4h 15 min low: 450lm/7h Spot light: 400lm/6h 30 min	high: 4'400lm/1h 30 min medium: 2'200lm/3h 15 min low: 1'100lm/6h 30 min	max: 4'600lm/2h 15 min high: 3'000lm/3h 30 min medium: 1'500lm/7h low: 750lm/14h
Protection category	IP54	IP65	IP65	IP54
Impact resistance	IK07			
Temperature range	-10°C to +40°C			
Weight	0.373kg (incl. accu)	0.4kg (incl. accu)	1.355kg (incl. accu)	2.410kg (incl. accu)
Dimensions	46×220.6×66.5 mm	101×116×41.5mm	266×236.6×59 mm	176×288×131 mm
Housing material	aluminium, 2K plastic	plastic	aluminium, plastic	plastic
Remark	<ul style="list-style-type: none"> <li>hook</li> <li>magnetic foot</li> <li>USB-C adapter</li> </ul>	<ul style="list-style-type: none"> <li>magnetic bracket</li> <li>USB-C adapter</li> </ul>	<ul style="list-style-type: none"> <li>operation with cable (230V)/with battery</li> <li>USB-C adapter</li> </ul>	<ul style="list-style-type: none"> <li>External battery with powerbank</li> <li>sleuable 180°</li> <li>USB-C adapter</li> </ul>

### Accessories/spare parts

860836 ✓ Spare battery Li-Ion for W6r

860833 ✓ Tripod Suprabeam for W4r/W6r height 0.73 - 1.65 m

860834 ✓ Magnet holder for W4r

# ApolloLED 2N

## Wide area lighting system

### Product features

- light all around at higher light point
- glass guard is protected by smaller diameter
- replacement of heat loss: The fan sucks the ambient air and generates an airflow through the lamp
- the air in- and outlet are at the bottom of the lamp
- switchable to 180° radiation

### Technical data ApolloLED 2N



Operating voltage	100-277 VAC
LED power	
– 50 % illuminated	220 W
– 100 % illuminated	440 W
Light output	53'760 lm
LED power	122 lm / W
Number of lamps	896×0.5 W SMD-LED
Light colours	5'000 K
CRI	Ra>80
Operating life	L70/B10 >50'000h
Protection category	IP44
Protection class	I
Temperature range	–25°C to +45°C
Diameter Ø	208 mm
Length with suspension device	900 mm
Max. tripod diameter	38 mm
Weight	11 kg
Mounting height	3.5 m
Illumination area	>700 m²

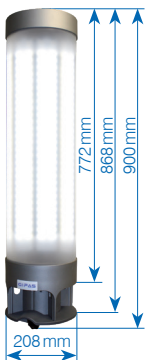
### Technical data tripod

An appropriate tripod is recommended to ensure optimum handling. (not included in the scope of delivery).



Item no.	102009 ✓
Height min.	1'670 mm
Height max.	3'700 mm
Diameter of legs extended	1'280 mm
Maximum load	30 kg
Weight	21.4 kg

### Dimensions



### Assortment

**246988** ✓ ApolloLED 2N, 230 V/896×0.5 W, incl. power supply 5 m 3×1.5 mm², plug T13, incl. transport case

**800211** ✓ ApolloLED 2N, 230 V/896×0.5 W, excl. power supply and transport case



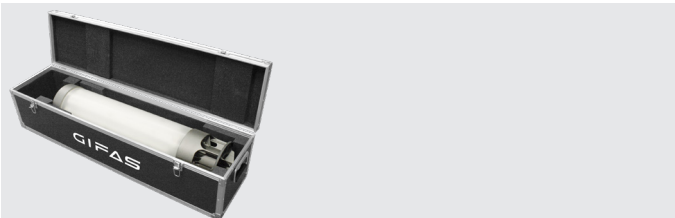
# ApolloLED 2N

## Accessories



Item no. 102009 ✓

Designation Tripod, steel chromatised, h=max. 3.7 m,  
with crank winch, max load 30 kg, tube ø38 mm



Item no. 330938 ✓

Designation Transport case (Flight Case) black, 1'180×280×300 mm



Item no. 800444 ✓

Designation Power supply 5 m 3×1.5 mm<sup>2</sup>, plug T13



Item no. 800445

Designation Power supply 10 m 3×1.5 mm<sup>2</sup>, plug T13

# ApolloLED ECO

## Wide area lighting system

### Product features

- very powerful lighting
- robust design - illuminant cannot splinter or break
- the air in- and outlet are at the bottom of the lamp
- operation with permanent forced ventilation for high durability
- also usable as suspended lamp (without tripod)
- over-temperature circuit-breaker with independent reactivation
- full power immediately after switching on
- no preheating time, no cooling time
- operation with integrated power supply unit
- light all around at higher light point

### Technical data ApolloLED ECO



Operating voltage	100-277 VAC
LED power	307.5 W
Light output	32'321 lm
LED power	110 lm/W incl. fan
Light colours	5'000 K
CRI	Ra > 80
Operating life	L70/B10 > 50'000 h
Protection category	IP44
Protection class	I
Temperature range	-25°C to +50°C
Diameter Ø	208 mm
Max. tripod diameter	38 mm
Height	600 mm
Weight	7.5 kg
Mounting height	2.7 m
Illumination area	> 600 m²

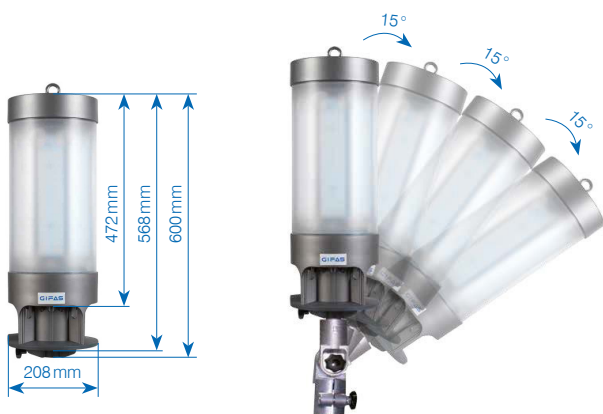
### Technical data tripod

An appropriate tripod is recommended to ensure optimum handling. (not included in the scope of delivery).



Item no.	184858 ✓
Height min.	1'550 mm
Height max.	2'400 mm
Diameter of legs extended	1'280 mm
Maximum load	50 kg
Weight	9.4 kg

### Dimensions



### Assortment

**184857** ✓ ApolloLED ECO, 230 V, 300 W, 32'321 lm, incl. feed-in cable 5 m 3×1.5 mm², plug T13, incl. transport bag

# ApolloLED ECO

## Accessories



Item no. 184858 ✓

Designation Tripod, steel/aluminum powder-coated, h= max. 2.4 m, with crank winch, max load 50 kg, tube ø 35 mm



Item no. 184860

Designation Transport bag 650×210 mm



Item no. 184862

Designation Tripod mount 0-45°



Item no. 800444 ✓

Designation Connection cable 5 m 3×1.5 mm², plug T13



Item no. 800445

Designation Connection cable 10 m 3×1.5 mm², plug T13

# FlexLED 2-sided

## Light strip on cable reel (25 m) or reel (5 m/10 m)

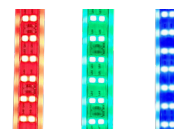
### Product features

The LED stripe **2-sided** is supplied ready for connection with 25 meters on a cable reel or 5 resp. 10 meters on reel unit.

### Technical data



Handle with integrated elastic band to lock the cable reel



Light colour variants

System performance	13 W/m (10 W/m*)
Light efficiency	1'500 lm/m (1'300 lm/m*)
Light colour	white 3'000 K/4'000 K, red, green, blue
Illuminant	LED strip double-sided (2×180 LEDs/m)
Beam angles	240° (120° per side)
Operating life	> 30'000 h
Protection category	IP65
Impact resistance	IK10
Temperature range	−20°C to +50°C
Weight	
– 5 m on reel	~ 1.2 kg
– 10 m on reel	~ 2.3 kg
– 25 m on cable reel	~ 6.2 kg
Dimensions light strip	16×8 mm
Length	5 m/10 m/25 m (extendable to max. 100 m)
Connection	1.5 m 2×1.5 mm <sup>2</sup> rubber cable with CH-plug IP55 type 11

\* flicker-free in combination with power supply unit (art. no. 861254)

Important notice: unroll completely before use!

### Assortment

**861055** ✓ FlexLED on reel 10 m, 3'000 K, Wide 240°

**861054** ✓ FlexLED on reel 10 m, 4'000 K, Wide 240°

**861049** ✓ FlexLED on cable reel 25 m, 3'000 K, Wide 240°

**861022** ✓ FlexLED on cable reel 25 m, 4'000 K, Wide 240°

**861235** ✓ FlexLED on reel 5 m, red, Wide 240°

**861236** ✓ FlexLED on reel 5 m, green, Wide 240°

**861237** ✓ FlexLED on reel 5 m, blue, Wide 240°

### Accessories

**256786** ✓ Pipe clamp PP black for outer-ø 15 mm

**861086** ✓ Connection cable type 11

**861254** ✓ Power supply 400 W, IP65, flicker-free, with plug type 13 (FlexLED output 10 W/m, 1'300 lm/m)

**251254** ✓ Extension cable 5 m 2×1.5 mm<sup>2</sup>

**251253** ✓ T-connector

**861098** ✓ Dimmer with plug type 11

**861101** ✓ Motion detector 360° for FlexLED, 3 m/5 m/8 m - 5 s/90 s/3 min/10 min, IP65

**861102** ✓ Intermediate switch for FlexLED, max. 1'500 W (120 m), IP65



# FlexLED one-sided

## LED light strip on reel

### Product features

The LED stripe **one-sided** is supplied ready for connection with 25 meters on reel.

### Technical data



System performance	12W/m (10W/m*)
Light efficiency	1'500lm/m (1'300lm/m*)
Light colour	3'000K/4'000K
Illuminant	LEDs one-sided (180 LEDs/m)
Beam angles	120° one-sided
Operating life	> 30'000h
Protection category	IP65
Impact resistance	IK10
Temperature range	-20°C to +50°C
Weight	~4kg
Dimensions light strip	16x8mm
Length	25m (extendable to max. 100m)
Connection	1.5m 2x1.5mm <sup>2</sup> rubber cable with CH-plug IP55 type 11

\* flicker-free in combination with power supply unit (item no. 861254)

Important notice: unroll completely before use!

### Assortment

**861207** ✓ FlexLED on reel 25m, 3'000K, Wide 120°

**861206** ✓ FlexLED on reel 25m, 4'000K, Wide 120°

### Accessories

**244658** ✓ Fastening set (50 clips/100 screws)

**256786** ✓ Pipe clamp PP black for outer-ø 15mm

**861086** ✓ Connection cable type 11

**861254** ✓ Power supply 400W, IP65, flicker-free, with plug type 13 (FlexLED output 10W/m, 1'300lm/m)

**251254** ✓ Extension cable 5m 2x1.5mm<sup>2</sup>

**251253** ✓ T-connector

**861098** ✓ Dimmer with plug type 11

**861101** ✓ Motion detector 360° for FlexLED, 3m/5m/8m - 5s/90s/3min/10min, IP65

**861102** ✓ Intermediate switch for FlexLED, max. 1'500W (120m), IP65

# FlexLED emergency battery pack

## Product features

The FlexLED can continue to be operated with reduced brightness for up to a maximum of 2 hours with the emergency battery pack in the event of a power failure.

The battery charge level can be displayed by actuating the light.

It has an internally built-in battery charge protection with protection against overcharging and deep discharge.

The emergency battery pack is supplied with an IP55 plug and type 13 connector Wieland.

## Technical data



Item no.	861252 ✓
Designation	FlexLED emergency battery pack
Operating voltage	100-277 VAC
Output voltage	175 VDC
LED power	50 W
Emergency operation rechargeable battery	120 min
Battery level	Display via indicator light
Connected power	max. 1'500 W
Battery	22.2 V 6'000 mAh Li-Ion Battery
Charging time	> 8 h (80%)
Emergency trigger time	< 1 s
Protection category	IP65
Impact resistance	IK08
Temperature range	-10°C to +45°C
Weight	~2.8 kg
Connection	1.5 m 3×1.5 mm <sup>2</sup> rubber cable with plug and connector IP55 type 13

## Emergency operation brightness one-sided LED light strip:

25 m: 20% 300 lm/m

50 m: 10% 150 lm/m

## Emergency operation brightness 2-sided LED light strip:

10 m: 30% 450 lm/m

25 m: 20% 300 lm/m

50 m: 10% 150 lm/m

## Battery status query:

With the emergency function switched on, briefly press the illuminated pushbutton to indicate the power supply.

Number of red light flashes (flashing):

1× = 0% – 20% remaining power

2× = 20% – 40% remaining power

3× = 40% – 60% remaining power

4× = 60% – 80% remaining power

5× = 80% – 100% remaining power

# StreamLED 2

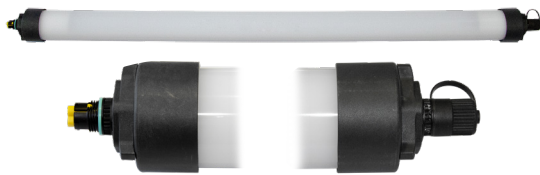
## Safety tubular light, pluggable

### Product features

- high efficiency and uniformity of illuminance
- robust and impact-proof
- energy-saving (low power /energy consumption with high light power)
- easy installation
- wide range of products
- suitable for use in the harshest environments (tunnels, sewage treatment plants, chemical industry)
- plug-in design or with screwed cable glands for direct connection
- through-wiring available for all models

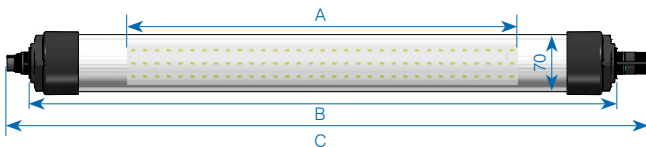


### Technical data



Operating voltage	198-264 VAC (176-264 VDC)
LED power	20 W/35 W/55 W
Light output	2'121 lm/4'245 lm/7'102 lm
LED power	106 lm/W/ 121 lm/W/129 lm/W
Light colour	4'000K/5'000K (3'000K on request)
CRI	Ra > 80
Beam angles	120°
Operating life	L70 B10 > 80'000h
Protection category	IP66
Impact resistance	IK08
Protection class	II
Temperature range	–25° C to +40° C
Housing material/tube	PMMA acrylic glass
Housing colour	cover cap anthracite RAL7016/ tube clear satinised (satinised)
Weight	2.07 kg/3.20 kg/4.34 kg

### Dimensions



### Assortment

Item no.	Output	Illuminant	Light output	Light colours	Operating voltage	A	B	C
860660 ✓	20 W	LED	2'121 lm	4'000 K	230 VAC	479 mm	719 mm	786 mm
860661 ✓	20 W	LED	2'121 lm	5'000 K	230 VAC	479 mm	719 mm	786 mm
860662 ✓	35 W	LED	4'245 lm	4'000 K	230 VAC	958 mm	1'198 mm	1'265 mm
860663 ✓	35 W	LED	4'245 lm	5'000 K	230 VAC	958 mm	1'198 mm	1'265 mm
860664 ✓	55 W	LED	7'102 lm	4'000 K	230 VAC	1'437 mm	1'677 mm	1'744 mm
860665 ✓	55 W	LED	7'102 lm	5'000 K	230 VAC	1'437 mm	1'677 mm	1'744 mm

# StreamLED 2

## Safety tubular light, Direct connection

### Product features

- high efficiency and uniformity of illuminance
- robust and impact-proof
- energy-saving (low power/energy consumption with high light power)
- easy installation
- wide range of products
- suitable for use in the harshest environments (tunnels, sewage treatment plants, chemical industry)
- plug-in design or with screwed cable glands for direct connection
- through-wiring available for all models



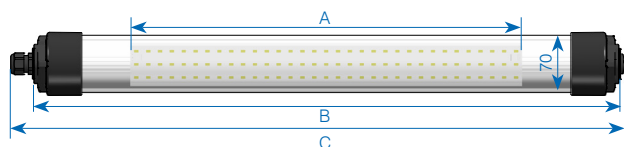
### Technical data



Operating voltage	198-264 VAC (176-264 VDC)
LED power	20 W/35 W/55 W
Light output	2'121 lm/4'245 lm/7'102 lm
LED power	106 lm/W/121 lm/W/129 lm/W
Light colour	4'000 K/5'000 K (3'000 K on request)
CRI	Ra > 80
Beam angles	120°
Operating life	L70 B10 > 80'000 h
Protection category	IP66/69 IP67*
Impact resistance	IK10
Protection class	II
Temperature range	-25° C to +40° C
Housing material / tube	PMMA acrylic glass
Housing colour	cover cap anthracite RAL7016/ tube clear satinised (satinised)
Weight	2.07 kg/3.20 kg/4.34 kg

\* IP67: For temporary immersion, protected with moulded end caps and moulded connection cable

### Dimensions



### Assortment

Item no.	Output	Illuminant	Light output	Light colours	Operating voltage	A	B	C
860666 ✓	20 W	LED	2'121 lm	4'000 K	230 VAC	479 mm	719 mm	751 mm
860667 ✓	20 W	LED	2'121 lm	5'000 K	230 VAC	479 mm	719 mm	751 mm
860668 ✓	35 W	LED	4'245 lm	4'000 K	230 VAC	958 mm	1'198 mm	1'230 mm
860669 ✓	35 W	LED	4'245 lm	5'000 K	230 VAC	958 mm	1'198 mm	1'230 mm
860670 ✓	55 W	LED	7'102 lm	4'000 K	230 VAC	1'437 mm	1'677 mm	1'709 mm
860671 ✓	55 W	LED	7'102 lm	5'000 K	230 VAC	1'437 mm	1'677 mm	1'709 mm

\* The overall size is increased by approx. 20 mm in the chain design (cable on each side). The cover cap is included in the scope of supply.



# StreamLED 2

## Safety tubular light, DALI

### Product features

- high efficiency and uniformity of illuminance
- robust and impact-proof
- energy-saving (low power /energy consumption with high light power)
- easy installation
- wide range of products
- suitable for use in the harshest environments (tunnels, sewage treatment plants, chemical industry)
- single-sided with cable gland and connection cable 30 cm
- through-wiring available for all models



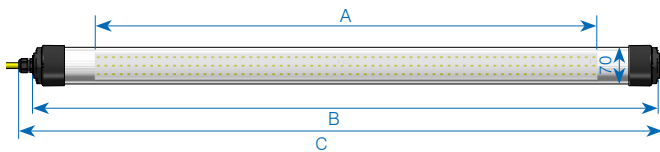
### Technical data



Operating voltage	230 VAC
LED power	35 W/55 W
Light output	3'997 lm/6'730 lm
LED power	113 lm/W/ 123 lm/W
Light colour	3'000 K/ 4'000 K/ 5'000 K
CRI	Ra > 80
Beam angles	120°
Operating life	L70 B10 > 80'000 h
Protection category	IP66/69 IP67*
Impact resistance	IK10
Protection class	II
Temperature range	–25°C to +40°C
Housing material /tube	PMMA acrylic glass
Housing colour	cover cap anthracite RAL7016/ tube clear satinised (satinised)
Weight	
– 35 W	~3.5 kg
– 55 W	~4.5 kg
Connection	0.3 m 5×1.5 mm <sup>2</sup> without plug

\* IP67: For temporary immersion, protected with moulded end caps and moulded connection cable

### Dimensions



### Assortment

Item no.	Output	Illuminant	DALI	Light output	Light colours	Operating voltage	A	B	C
860902	35 W	LED	1	3'997 lm	3'000 K	230 VAC	958 mm	1'198 mm	1'230 mm
860904 ✓	35 W	LED	1	3'997 lm	4'000 K	230 VAC	958 mm	1'198 mm	1'230 mm
860906 ✓	35 W	LED	1	3'997 lm	5'000 K	230 VAC	958 mm	1'198 mm	1'230 mm
860903	55 W	LED	2	6'730 lm	3'000 K	230 VAC	1'437 mm	1'677 mm	1'709 mm
860905 ✓	55 W	LED	2	6'730 lm	4'000 K	230 VAC	1'437 mm	1'677 mm	1'709 mm
860907 ✓	55 W	LED	2	6'730 lm	5'000 K	230 VAC	1'437 mm	1'677 mm	1'709 mm

# StreamLED 2

## Accessories



**Item no.** 185329 ✓  
**Designation** StreamLED 2 extension cable 2×1.5 mm²,  
L=2.5 m, incl. plug and connector



**Item no.** 187542 ✓  
**Designation** StreamLED 2 connection cable 2×1.5 mm²,  
L=5 m, incl. plug T12 and connector



**Item no.** 188951 ✓  
**Designation** StreamLED 2 extension cable 2×1.5 mm²,  
L=3 m, incl. plug and connector



**Item no.** 860481 ✓  
**Designation** StreamLED 2 connection cable 2×1.5 mm²,  
L=2.5 m, single-sided with connector



**Item no.** 188952 ✓  
**Designation** StreamLED 2 extension cable 2×1.5 mm²,  
L=5 m, incl. plug and connector



**Item no.** 860482 ✓  
**Designation** StreamLED 2 connection cable 2×1.5 mm²,  
L=5 m, single-sided with connector

# StreamLED 2

## Accessories



Item no. 183681 ✓

Designation Plug 2P, 17.5A, 250VAC, IP68 for cable Ø7-12mm



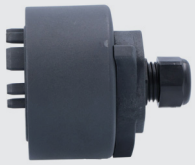
Item no. 183680 ✓

Designation Connector 2P, 17.5A, 250VAC, IP68 for cable Ø7-12mm



Item no. 036791 ✓

Designation Cable H07RNF, 2×1.5mm², black, Ø11mm



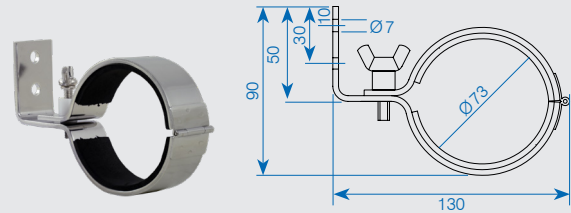
Item no. 136624 ✓

Designation Cover cap, with cable gland M20×1.5mm, plastic anthracite



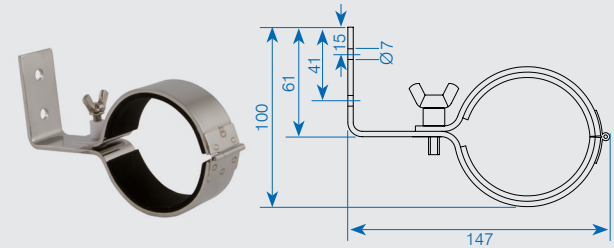
Item no. 148225 ✓

Designation Cover cap, with locking device M20×1.5mm, plastic anthracite



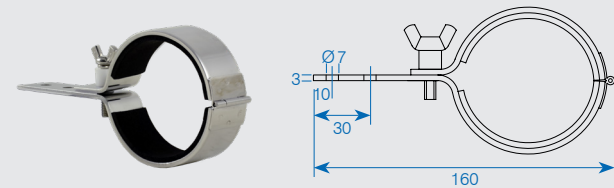
Item no. 840083 ✓

Designation Holder A4, Ø70mm/wall mounting, angled, 130mm



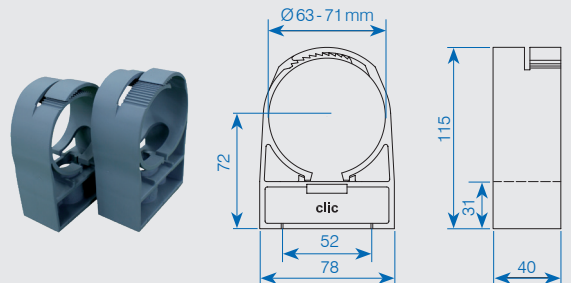
Item no. 840084 ✓

Designation Holder A4, Ø70mm/wall mounting, angled, 147mm



Item no. 840085 ✓

Designation Holder A4, Ø70mm/attachment fitting straight, 160mm



Item no. 103355 ✓

Designation Clamp plastic, Ø63-71mm

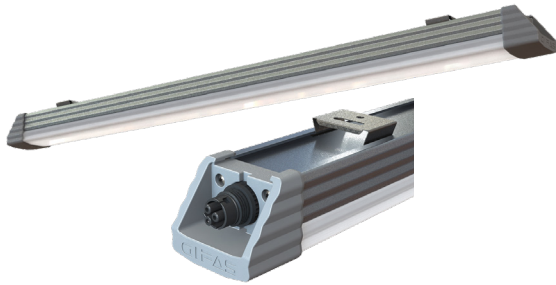
## Ceiling light

### Product features

- high efficiency and uniformity of illuminance
- robust
- power-saving (low power/energy consumption with high light power)
- easy mounting with mounting clip (included in delivery)
- stainless spring steel (1.4301) mounting bracket
- pluggable
- with feed-through wiring

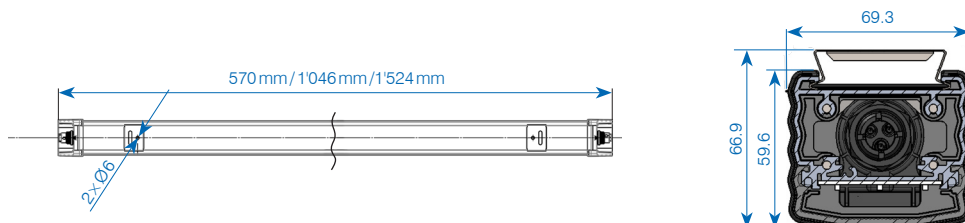


### Technical data



Operating voltage	198-264 VAC (176-264 VDC)
LED power	20 W/35 W/55 W
Light output	1'964 lm/3'929 lm/6'574 lm
LED power	98.2 lm/W/112 lm/W/120 lm/W
Light colour	3'000 K/4'000 K/5'000 K
CRI	Ra > 80
Beam angles	120°
Operating life	L70 B10 > 80'000 h
Protection category	IP66
Impact resistance	IK10
Protection class	II
Temperature range	-25°C to +40°C
Cover	Polycarbonate satinised, UV resistance, halogen-free
Weight	1.19 kg/2.024 kg/2.857 kg
Dimensions	570×69.3×59.6 mm/ 1'046×69.3×59.6 mm/ 1'524×69.3×59.6 mm
Housing material	Aluminium
Housing colour	grey
Connection	connection cable, not included with the lighting fixture

### Dimensions



### Assortment BetaLUXX with plug and connector, without cable

3'000 K	4'000 K	5'000 K	Light output	Operating voltage	Light output	Remark
860627 ✓	860626 ✓	860616 ✓	20	230 VAC	1'964 mm	
860628 ✓	860614 ✓	860470 ✓	35	230 VAC	3'929 mm	
860629 ✓	860615 ✓	860480 ✓	55	230 VAC	6'574 mm	
		860645 ✓	40	230 VAC	3'929 mm	for Internation Food Standard



## Accessories



**Item no.** 185329 ✓  
**Designation** BetaLUXX extension cable 2×1.5 mm²,  
 L=2.5 m, incl. plug and connector



**Item no.** 187542 ✓  
**Designation** BetaLUXX connection cable 2×1.5 mm²,  
 L=5 m, incl. plug T12 and connector



**Item no.** 188951 ✓  
**Designation** BetaLUXX extension cable 2×1.5 mm²,  
 L=3 m, incl. plug and connector



**Item no.** 860481 ✓  
**Designation** BetaLUXX connection cable 2×1.5 mm²,  
 L=2.5 m, single-sided with connector



**Item no.** 188952 ✓  
**Designation** BetaLUXX extension cable 2×1.5 mm²,  
 L=5 m, incl. plug and connector



**Item no.** 860482 ✓  
**Designation** BetaLUXX connection cable 2×1.5 mm²,  
 L=5 m, single-sided with connector



**Item no.** 183681 ✓  
**Designation** Plug 2P, 17.5 A, 250 VAC, IP68 for cable Ø7-12 mm



**Item no.** 036791 ✓  
**Designation** Cable H07RNF, 2×1.5 mm², black, Ø11 mm



**Item no.** 183680 ✓  
**Designation** Connector 2P, 17.5 A, 250 VAC, IP68 for cable Ø7-12 mm



**Item no.** 860632 ✓  
**Designation** BetaLUXX mounting bracket with screw locking  
 for vertical mounting (2 piece per light)

# SpotLED FLEX

## Workplace light

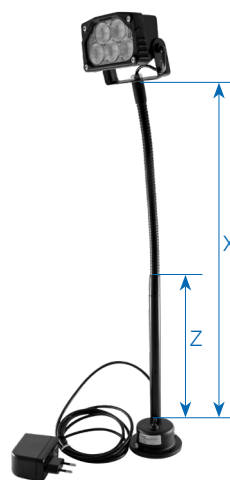
### Product features

- brackets made out of stainless steel V2A, powder-coated
- thanks to vibration-proof LED technology, the maintenance costs are lower than with conventional lighting

### Technical data



Operating voltage	230 VAC
Power consumption	115 mA
Illuminant	5 PowerLED à 3 W
Light colour	cool white 6'000 K
Operating life	L70 B10 > 50'000 h
Beam angles	Spot/Medium
Protection category	IP54 (without plug-in power pack)
Protection class	III
Temperature range	–30° C to +45° C
Surface temperature	max. +55° C
Housing material	made out of die cast aluminum, black coated
Material flex hose/adaptor	steel, black coated
Connection	1.8 m 2×0.5 mm <sup>2</sup> PUR



### SpotLED FLEX – Spot

mounting height (m)	average illuminance (lx)	ray of light (m)
1 m	12'400 lx	0.1 m
2 m	3'000 lx	0.2 m
3 m	1'400 lx	0.3 m
4 m	800 lx	0.4 m
5 m	500 lx	0.5 m

### SpotLED FLEX – Medium

mounting height (m)	average illuminance (lx)	ray of light (m)
1 m	983 lx	0.2 m
2 m	245 lx	0.4 m
3 m	109 lx	0.6 m
4 m	62 lx	0.8 m
5 m	40 lx	1.0 m

### Assortment

Item no.	length (X)	this adapter mm (Z)	flex hose (Ø)
116285	300 mm	–	14 mm
116287	400 mm	–	14 mm
117613	500 mm	200 mm	14 mm
116295	600 mm	–	15 mm

### Assortment

Item no.	length (X)	this adapter mm (Z)	flex hose (Ø)
116284 ✓	300 mm	–	14 mm
116286 ✓	400 mm	–	14 mm
117611	500 mm	200 mm	14 mm
116294 ✓	600 mm	–	15 mm

# SpotLED FLEX

## Accessories



**Item no.** 110427 ✓  
**Designation** Plug-in power pack 230VAC/18VDC, 1'200mA  
incl. connection cable 1.8m, black



**Item no.** 104508 ✓  
**Designation** Protective glass (cover) polycarbonate



**Item no.** 109212 ✓  
**Designation** Wing screw plastic M5×10mm



**Item no.** 024315 ✓  
**Designation** Magnetic clamp black ø86/20mm, with bore ø6,5mm,  
force = 540 N



**Item no.** 104431 ✓  
**Designation** Protective grid V2A

# SpotLED 24

## Spotlight

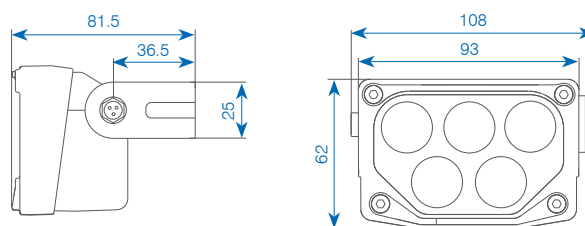
### Product features

- housing made out of die cast aluminum
- brackets made out of stainless steel V2A, powder-coated
- various beam angles (different optics)
- dimming with potentiometer possible (500kOhm positive logarithmic)
- thanks to vibration-proof LED technology, the maintenance costs are lower than with conventional lighting

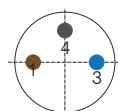
### Technical data

	
Operating voltage	12-30VDC (on demand available 24VAC)
LED power	10W
Light output	750lm
Power consumption	500mA@24VDC, 950mA@12VDC
Illuminant	5 Power LED
Light colour	warm white 3'000K cool white 6'000K
Protection category	IP67
Protection class	III
Temperature range	-30°C to +45°C
Surface temperature	max. +55°C
Weight	~0.35kg

### Dimensions



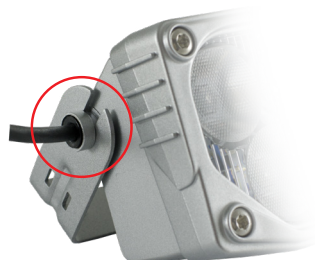
### Connection diagram



- 1 = brown (Wire number 1) + 24VDC  
 3 = blue (Wire number 3) optional connection for «dimmer»  
 4 = black (Wire number 2) - 24VDC

### SpotLED with fixed connection

Cable PUR 3×0.25mm<sup>2</sup>, black, length 5m, 2nd page unedited



### SpotLED with built-in connector IP67



### Assortment

Item no. Cool white	Item no. Warm white	Version	Housing colour	Optics
131064 ✓	131068	Wide	silver	5×67°
131065	131069	Wide	black	5×67°
039636 ✓	104967	Medium	silver	5×38°
039637 ✓	104970	Medium	black	5×38°
039643 ✓	104976	Spot	silver	5×10°
039644 ✓	104977	Spot	black	5×10°

### Assortment

Item no. Cool white	Item no. Warm white	Version	Housing colour	Optics
131040	131044	Wide	silver	5×67°
131041 ✓	131045	Wide	black	5×67°
038015	101867	Medium	silver	5×38°
038016 ✓	101868 ✓	Medium	black	5×38°
038021	101873	Spot	silver	5×10°
038022 ✓	101874	Spot	black	5×10°



# SpotLED 24

## Accessories

### Connection cable straight connector

3P, IP67, 3×0.25 mm<sup>2</sup>



#### Assortment

Item no.	Designation	Length
100013 ✓	Connection cable black	3m
100014 ✓	Connection cable black	5m
101199 ✓	Connection cable black	10m
103662	Connection cable black	20m

### Plug-in power pack connector straight / angled

3P, IP67, 3×0.25 mm<sup>2</sup>

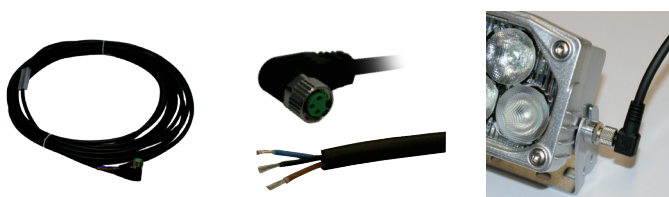


#### Assortment

Item no.	Designation	Connector
100346 ✓	Plug-in power pack with 2m cable, 230 VAC / 18 VDC, 50 Hz, 1'200 mA, 3×0.25 mm <sup>2</sup>	straight
100347 ✓	Plug-in power pack with 2m cable, 230 VAC / 18 VDC, 50 Hz, 1'200 mA, 3×0.25 mm <sup>2</sup>	angled

### Connection cable angled connector

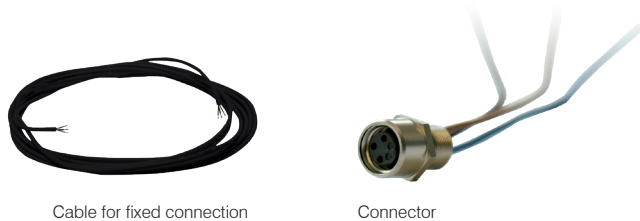
3P, IP67, 3×0.25 mm<sup>2</sup>



#### Assortment

Item no.	Designation	Length
100015 ✓	Connection cable black	3m
100016 ✓	Connection cable black	5m
101201 ✓	Connection cable black	10m
103661	Connection cable black	20m

### Installation material



#### Assortment

Item no.	Designation
107992 ✓	Cable 3×0.5 mm <sup>2</sup> , black without PE, numbered, Ø5.2mm
102635	Connector, 3P, IP67, with 0.2m wire

### Extension cable with plug, straight connector

3P, IP67, 3×0.25 mm<sup>2</sup>



#### Assortment

Item no.	Designation	Length
102631	Extension cable black	2m
102632	Extension cable black	5m
102633	Extension cable black	10m
102634	Extension cable black	20m

### Car connection cable



#### Assortment

Item no.	Designation
100958	Car connection cable 12-24 VDC with angled connector, 5m, 2×0.5 mm <sup>2</sup>

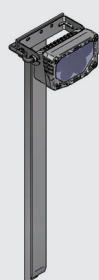
# SpotLED 24

## Accessories



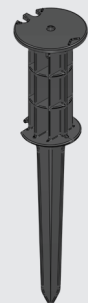
Item no. 106563

Designation Rod round V2A, Ø 30, l=600 mm incl. mounting material



Item no. 038197 ✓

Designation Rod T-profile V2A, 30×30×3 mm, l= 505 mm for SpotLED



Item no. 126197 ✓

Designation Rod moulded part PA6/GF, l=280 mm



Item no. 109212 ✓

Designation Wing screw plastic, M5×10 mm



Item no. 104508 ✓

Designation Transparent cover polycarbonate clear



Item no. 152996 ✓

Designation Spare glass (assembly) polycarbonate for light unit



Item no. 104431 ✓

Designation Protective grid V2A



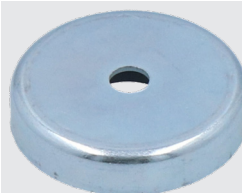
Item no. 860031 ✓

Designation Coloured filter, set with 3 pcs.: green, red, yellow



Item no. 101068 ✓

Designation Magnetic clamp 180 N, Ø66 mm, rubberized H=8.5 mm, M6 thread



Item no. 101067 ✓

Designation Magnetic clamp 180 N, Ø50 mm, zinc-plated, without rubber protection H=10 mm, bore Ø8.5 mm



Item no. 101069 ✓

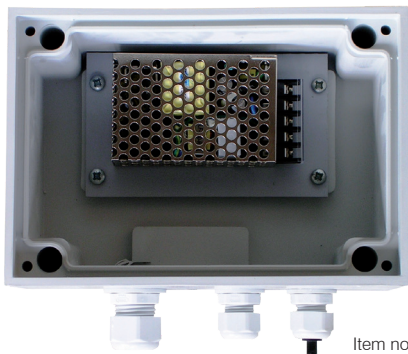
Designation Magnetic clamp 110 N, 43×31 mm, rubberized H=6 mm, 2×M4 thread

# SpotLED 24

## Accessories

### Power pack in solid rubber enclosure

colour light grey, IP65



Item no. 082283

### Assortment

103570 ✓	Power pack, in solid rubber enclosure 125×125×76 mm, grey, 230 VAC/24 VDC, 0.6 A, 15 W, for 1 SpotLED input 1×M20, output 1×M16
082283 ✓	Power pack, in solid rubber enclosure 180×125×90 mm, grey, 230 VAC/24 VDC, 1.1 A, 26 W, for up to 2 SpotLED input 1×M20, output 2×M16, 1 dummy plug
101103	Power pack, in solid rubber enclosure 250×160×90 mm, grey, 230 VAC/24 VDC, 2.2 A, 52 W, for up to 4 SpotLED input 1×M20, output 3×M16, 1 dummy plug
103412	Power pack, in solid rubber enclosure 250×160×90 mm, grey, 230 VAC/24 VDC, 3.2 A, 75 W, for up to 6 SpotLED input 1×M20, output 6×M16, 3 dummy plug
103088	Power pack, in solid rubber enclosure 250×160×90 mm, grey, 230 VAC/24 VDC, 4.5 A, 100 W, for up to 8 SpotLED input 1×M20, output 8×M16, 3 dummy plug
102220	Power pack, in solid rubber enclosure 300×200×110 mm, grey, 230 VAC/24 VDC, 11.6 A, 250 W, for up to 20 SpotLED input 1×M20, output 20×M16, 5 dummy plug

### Power pack for DIN rail



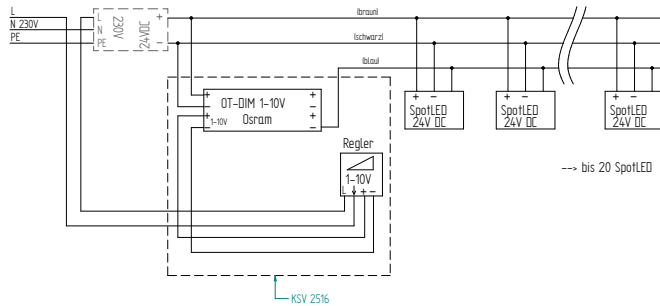
### Assortment

034732 ✓	Power pack, for DIN rail, 230 VAC/24 VDC, 1 A, 20 W for 1 SpotLED
033648 ✓	Power pack, for DIN rail, 230 VAC/24 VDC, 2.5 A, 60 W for up to 4 SpotLED
039073	Power pack, for DIN rail, 230 VAC/24 VDC, 4 A, 100 W for up to 8 SpotLED
163193	Power pack, for DIN rail, 230 VAC/24 VDC, 10 A, 240 W for up to 18 SpotLED

# SpotLED 24

## Accessories

### Dimmable control unit for several SpotLED's



### Assortment

124366	Dimmable control unit for SpotLED consisting of: 1 Solid rubber enclosure type 2516, 1 Control unit PWM 1 - 10V dimmable, 1 Control dial 1 - 10VDC (Power pack is not included)
196048	DALI power supply for up to 9 SpotLED



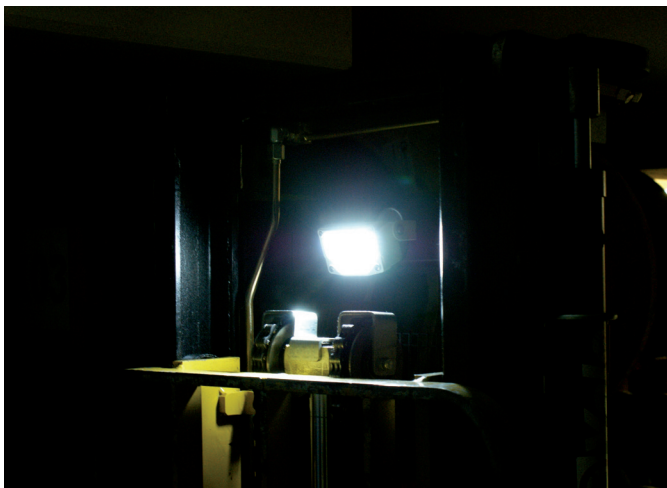
# Applications



Police boat



Van



Stacker



SpotLED on rod



Garden lighting



Reservoir



# SpotLED 230

## Spotlight

### Product features

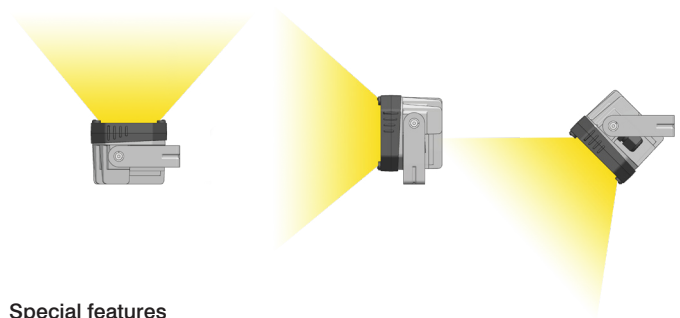
- robust housing made of die cast aluminum, powder-coated gray
- bracket made of stainless steel, powder-coated gray
- works perfect even at low temperatures, no flickering
- resistant to vibrations
- Temperature of the LEDs is monitored. If temperature reaches a specified maximum LED temperature, brightness will be automatically reduced. If temperature decreases under the maximum specified LED temperature brightness will be adjusted to the set value.
- The spotlight can be dimmed with most of common phase angle control dimmers.
- 3 different, optics Spot, Medium and Wide are available

### Technical data



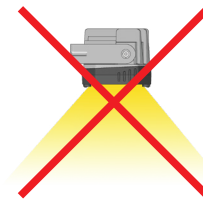
Operating voltage	230 VAC/DC (+/-10%)
LED power	17 W
Light output	1'200 lm
LED power	70 lm/W
Power consumption	500 mA @ 24 VDC, 950 mA @ 12 VDC
Light colour	comfort white ~4'000 K cool white ~6'000 K
Operating life	> 50'000 h
Protection category	IP66
Protection class	I
Temperature range	-30°C to +50°C
Cover	2 mm polycarbonate
Weight	~1.4 kg (incl. cable)
Connection	5 m 3×1.0 mm² black, T12

### Types of mounting

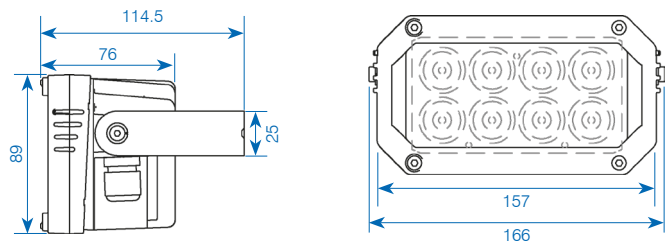


### Special features

This type of mounting is not suitable for outdoor areas (pressure compensation seal).



### Dimensions

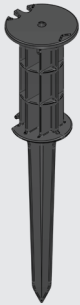


### Assortment

Item no.	Light colour	Beam angles
860169 ✓	~4'000 K	Spot
860170 ✓	~4'000 K	Medium
860171 ✓	~4'000 K	Wide
860172 ✓	~6'000 K	Spot
860173 ✓	~6'000 K	Medium
860174 ✓	~6'000 K	Wide

# SpotLED 230

## Accessories



Item no. 126197 ✓  
Designation Rod moulded part PA6/GF, l=280mm



Item no. 110922  
Designation Wing screw plastic M5x25mm



Item no. 111096  
Designation Protective caps plastic for holderprotection

# PrimaLED 2

## Workplace light

### Product features

- 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
- 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
- satinated bulb cover made from Makrolon: shock and impact resistant, seals housing to make it water- and dust-proof
- luminary with reduced surface temperature for a usage in fire risk industrial establishments

### Technical data



Operating voltage	230 VAC/24 V AC/DC
LED power	25.2 W
Light output	4'200 lm
LED power	165 lm/W
Light colours	4'000 K
CRI	Ra > 80
Operating life	L70/B10 80'000 h
Protection category	IP65 (without socket) IP54 (with socket)
Impact resistance	IK08
Protection class	I (230 V with socket) II (230 V without socket) III (24 V) (20-28 V AC/DC)
Electric power supply	mains connection
Temperature range	-20° C to +40° C
Weight	2.3-3.5 kg
Dimensions	305×295×110 mm

### PrimaLED 2, 230 VAC, with built-in socket



### PrimaLED 2, 230 VAC, without built-in socket



### PrimaLED 2, 24 VAC/DC



### Assortment 230 VAC, with built-in socket

- 230357** PrimaLED 2, 230 V/25.2 W, 4'200 lm, excl. connection, with built-in socket T13
- 228219** ✓ PrimaLED 2, 230 V/25.2 W, 4'200 lm, incl. connection 5 m, 3×1.0 mm<sup>2</sup>, T13, with built-in socket T13
- 228220** ✓ PrimaLED 2, 230 V/25.2 W, 4'200 lm, incl. connection 10 m, 3×1.0 mm<sup>2</sup>, T13, with built-in socket T13

### Assortment 230 VAC, without built-in socket

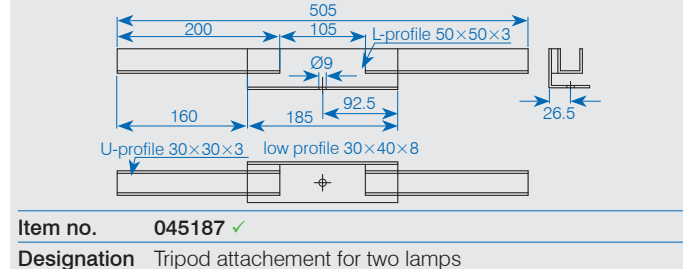
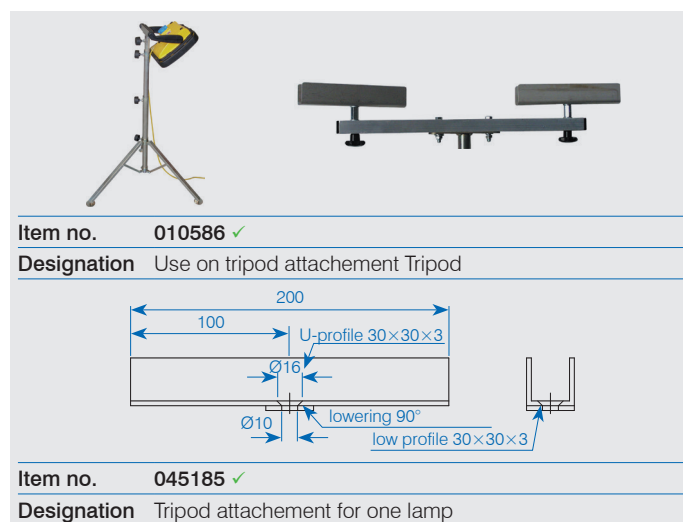
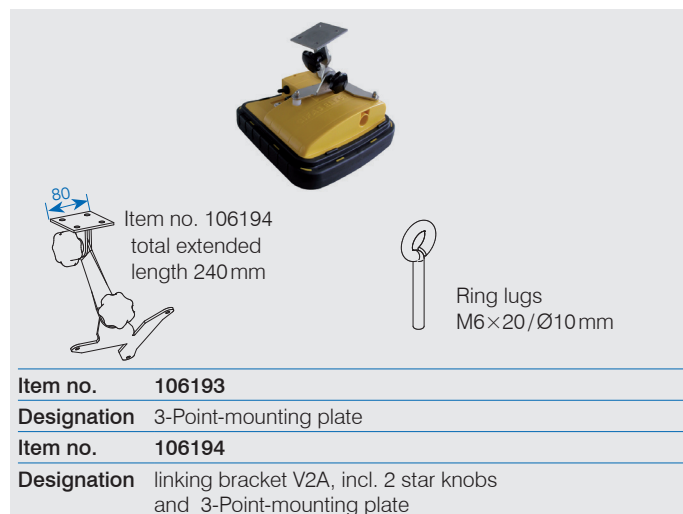
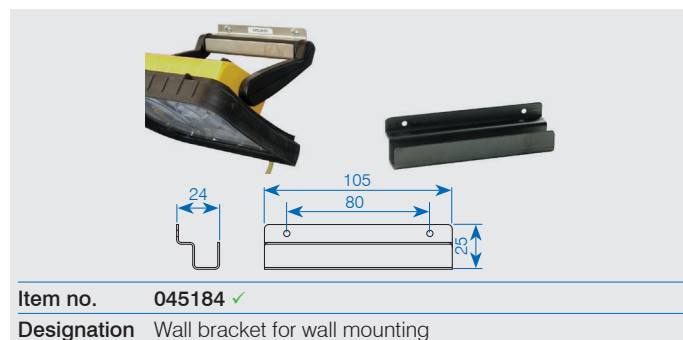
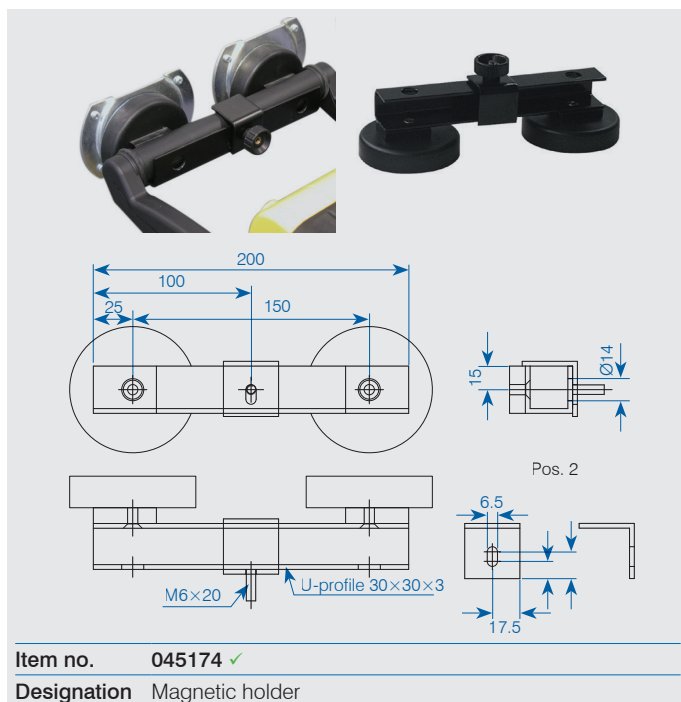
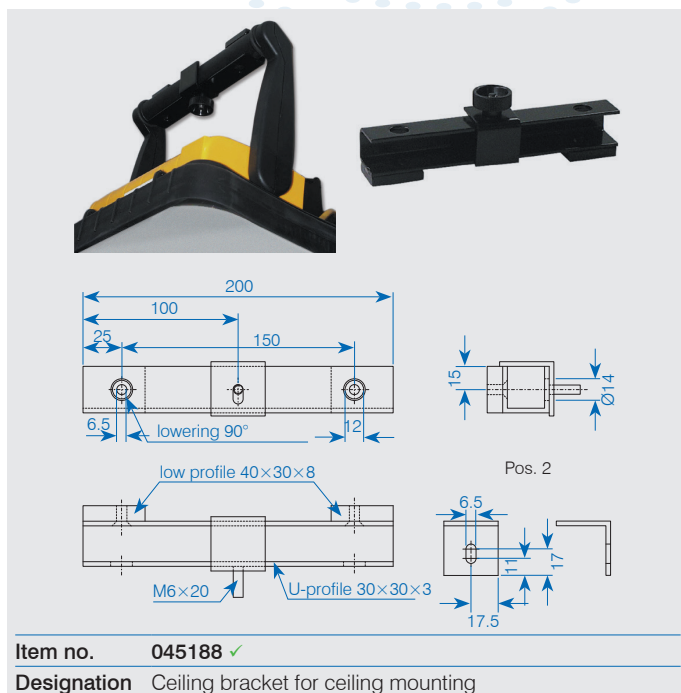
- 228221** ✓ PrimaLED 2, 230 V/25.2 W, 4'200 lm, incl. connection 5 m, 2×1.0 mm<sup>2</sup>, T11, without built-in socket
- 228222** ✓ PrimaLED 2, 230 V/25.2 W, 4'200 lm, incl. connection 10 m, 2×1.0 mm<sup>2</sup>, T11, without built-in socket
- 870015** ✓ PrimaLED 2, 230 V/25.2 W, 4'200 lm, excl. connection, M20, without built-in socket

### Assortment 24 VAC/DC

- 210261** PrimaLED 2, 24 V/25.2 W, 4'200 lm, incl. connection 5 m, 2×2.5 mm<sup>2</sup>, CEE16/2 without built-in socket
- 210262** PrimaLED 2, 24 V/25.2 W, 4'200 lm, incl. connection 10 m, 2×2.5 mm<sup>2</sup>, CEE16/2 without built-in socket
- 870016** ✓ PrimaLED 2, 24 V/25.2 W, 4'200 lm, excl. connection, M20, without built-in socket

# PrimaLED 2

## Types of mounting



### Product features

- U-profile seal surrounding all sides
- heat-conducting film for lasting, reliable dissipation of heat from the LED board
- low heat generation
- pressure compensation element for extreme temperature fluctuations
- Full luminous flux is available immediately
- low energy consumption with high light output
- maintenance-free
- wide operating temperature range (up to 60°C)
- no UV/IR radiation
- Insensible against pusting and vibrations



### Technical data

			
<b>Designation</b>	AlphaLUXX 25/40/60	AlphaLUXX 80/100/120	AlphaLUXX 120 mobile
<b>Operating voltage</b>	100 - 277 VAC (50/60 Hz)		
<b>LED power</b>	25.4 W / 40 W / 60 W	86 W / 111 W / 128 W	128 W
<b>Light output</b>			18'636 lm
<b>Light output clear glass</b>	7'712 lm	12'801 lm / 16'432 lm / 18'636 lm	
<b>Light output satinised glass</b>	3'365 lm / 5'152 lm / 7'322 lm	11'540 lm / 14'052 lm / 16'461 lm	
<b>LED power</b>	132 lm/W; 128 lm/W; 122 lm/W	150 lm/W; 148 lm/W; 146 lm/W	146 lm/W
<b>Light colour</b>	comfort white 4'000 K or cool white 5'000 K		cool white 5'000 K
<b>Illuminant</b>	SMD-LEDs		
<b>CRI</b>	Ra > 80		
<b>Beam angles</b>	120°		
<b>Operating life</b>	[L70/B10] > 80'000 h		
<b>Protection category</b>	IP65		
<b>Protection class</b>	I		
<b>Dimming</b>	optional DALI		–
<b>Temperature range</b>	AlphaLUXX 25: –30°C to +60°C AlphaLUXX 40: –30°C to +55°C AlphaLUXX 60: –30°C to +50°C	AlphaLUXX 80: –30°C to +60°C AlphaLUXX 100: –30°C to +55°C AlphaLUXX 120: –30°C to +50°C	–30°C to +50°C
<b>Surface temperature max.</b>	+90°C (suitable for use in industrial premises with fire hazards), D rating label		
<b>Cover</b>	ESG (toughened safety glass) 5 mm, clear or satinised	ESG (toughened safety glass) 5 mm, clear or satinised – optional: PC, impact-resistant plastic cover, 5 mm	ESG (toughened safety glass) 5 mm, clear – optional: PC, impact-resistant plastic cover, 5 mm
<b>Weight</b>	~3 kg	~6.5 kg	~10.5 kg
<b>Dimensions</b>	289 × 176 × 85.5 mm	389 × 252 × 106.5 mm	463 × 423 × 439 mm
<b>Housing surface</b>	PTFE-coated (suitable for the food industry)		
<b>Housing material</b>	Die-cast aluminium, Alloy 230 D		
<b>Housing colour</b>	black		
<b>Connection</b>	1 m 3 × 1.5 mm² H07RN		
<b>Certification</b>	CE, suitable for IFS (International Featured Standard)		



### Assortment

Item no.	Designation	Glass	Light colour	Light output	Operating voltage	Connection cable	Remark
860962 ✓	AlphaLUXX 25	satinsed	4'000 K	3'365 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860961 ✓	AlphaLUXX 25	satinsed	5'000 K	3'365 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860960 ✓	AlphaLUXX 40	satinsed	4'000 K	5'152 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860959 ✓	AlphaLUXX 40	satinsed	5'000 K	5'152 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860957 ✓	AlphaLUXX 60	satinsed	4'000 K	7'322 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860956 ✓	AlphaLUXX 60	satinsed	5'000 K	7'322 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
800494 ✓	AlphaLUXX 60	satinsed	5'000 K	7'712 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	dimmbable DALI
228340*	AlphaLUXX 60	satinsed	5'000 K	7'712 lm	230 VAC	5 m 3×1.5 mm <sup>2</sup> T13	mounted of the floor stand
860958 ✓	AlphaLUXX 60	clear	5'000 K	7'712 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860965 ✓	AlphaLUXX 80	clear	4'000 K	12'801 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860964 ✓	AlphaLUXX 80	clear	5'000 K	12'801 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860963 ✓	AlphaLUXX 80	satinsed	5'000 K	11'540 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860968 ✓	AlphaLUXX 100	clear	4'000 K	16'432 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860967 ✓	AlphaLUXX 100	clear	5'000 K	16'432 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860966 ✓	AlphaLUXX 100	satinsed	5'000 K	14'052 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860973 ✓	AlphaLUXX 120	clear	4'000 K	18'636 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860972 ✓	AlphaLUXX 120	clear	5'000 K	18'636 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
860969 ✓	AlphaLUXX 120	satinsed	5'000 K	16'461 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	
800480	AlphaLUXX 120	clear	5'000 K	18'636 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	dimmbable DALI
860970 ✓	AlphaLUXX 120	PC	5'000 K	18'636 lm	230 VAC	1 m 3×1.5 mm <sup>2</sup>	for Internation Food Standard
800069 ✓	AlphaLUXX 120	clear	5'000 K	18'636 lm	20-48 VDC	5 m 2×2.5 mm <sup>2</sup>	for motor vehicle sector
228178	AlphaLUXX 120 mobile	clear	5'000 K	18'636 lm	230 VAC	8 m 3×1.5 mm <sup>2</sup> T13	prepared for tripod (p. 36)
228207	AlphaLUXX 120 mobile	clear	5'000 K	18'636 lm	230 VAC	5 m 3×1.5 mm <sup>2</sup> T13	prepared for tripod (p. 36)

\* Consists of item no. 860956 and 179727.

### Accessories/spare parts for AlphaLUXX 25/40/60

194753 ✓ Front glass satinsed

179727 ✓ Floor stand ALU, powder coated black

010586 ✓ Tripod standard height 1.5-3.5m

### Accessories/spare parts for AlphaLUXX 80/100/120

169754 ✓ Front glass satinsed

174345 ✓ Floor stand ALU, powder coated black

169080 ✓ Wall-/roof mounting brack for two AlphaLUXX, V2A stainless steel

# AlphaLUXX on tripod

## Overview of combination possibilities of Alpha-LUXX on tripod

AlphaLUXX – mobile spotlight complete including stand	tripod	adapter
 228207 ✓	Ø 24 mm Tripod existing army, civil protection  <b>by customer</b> 	Not necessary (plug Ø 24 mm fits on stand)
 228207 ✓	Ø 30 mm Tripod zinc-plated, Heavy execution (for uneven ground)  <b>190592</b> ✓ 	Sleeve Ø 31 mm for tripod Ø 30 mm Aluminium adaptor sleeve with star knob  <b>172383</b> ✓ 
 228207 ✓	Ø 38 mm Tripod steel with crank handle  <b>102009</b> ✓ 	Sleeve Ø 40 mm for tripod Ø 38 mm Aluminium adaptor sleeve with star knob  <b>172384</b> ✓ 
 228207 ✓	Ø 30 mm Tripod zinc-plated, version «Fire brigade»  <b>172088</b> ✓ 	Sleeve Ø 31 mm for tripod Ø 30 mm Aluminium adaptor sleeve with star knob  <b>172383</b> ✓ 
AlphaLUXX – Spotlight standard types	tripod	adapter
 f.e. 860972 ✓	Ø 24 mm Tripod existing army, civil protection  <b>by customer</b> 	Plug Ø 24 mm for tripod Ø 24 mm Aluminium adaptor plug  <b>170721</b> ✓ 
 f.e. 860972 ✓	Ø 30 mm Tripod zinc-plated, Heavy execution (for uneven ground)  <b>190592</b> ✓ 	Sleeve Ø 31 mm for tripod Ø 30 mm Aluminium adaptor sleeve with star knob  <b>172383</b> ✓ 
 f.e. 860972 ✓	Ø 38 mm Tripod steel with crank handle  <b>102009</b> ✓ 	Hülse Ø 40 mm zu tripod Ø 38 mm Aluminium adaptor sleeve with star knob  <b>172384</b> ✓ 
 f.e. 860972 ✓	Ø 30 mm Tripod zinc-plated, version «Fire brigade»  <b>172088</b> ✓ 	Sleeve Ø 31 mm for tripod Ø 30 mm Aluminium adaptor sleeve with star knob  <b>172383</b> ✓ 

## Wide area lighting system

### Product features

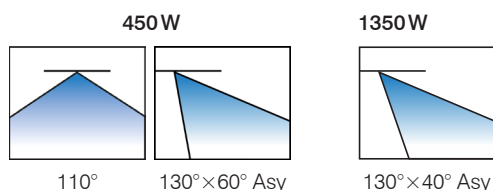
- Modular LED light with symmetrical or asymmetrical lighting characteristics and Single LED technology
- integrated thermal management
- immediate full luminous flux
- low power consumption at very high light efficiency
- minimal temperatures progression
- high switching capability (>1 mil)
- large operating temperature range: -20°C to +50°C
- no UV/IR radiation
- insensible against shocks and vibrations

### Technical data

			
Item no.	861033 ✓ 861034 ✓	861002 ✓	861004 ✓
Operating voltage	100 - 240 VAC		
Light output LED	450 W	900 W	1'350 W
System performance	460 W	920 W	1'380 W
Luminous flux	Item no. 861033: 57'000 lm Item no. 861034: 68'600 lm	134'000 lm	197'600 lm
Light efficiency	146 lm/W		
CRI	Ra > 70		
Operating life	L80/B50 > 97'000 h		
Protection category	IP66		
Impact resistance	IK10		
Protection class	I		
MacAdam	3-step		
Dimmable	yes, DALI		
Operating range of temperature	-20°C to +50°C		
Surface temperature max.	+90°C (suitable for use in industrial premises with fire hazards), D rating label		
Weight	19.2 kg	33.3 kg	42.8 kg
Dimensions	390 × 685* × 240 mm	700 × 685* × 240 mm	700 × 890* × 240 mm
Housing material	Aluminium		
Housing colour	black, powder coated		
Swivel angle of bracket	270°		
Connection	0.8 m cable, with a plug and socket connection		

\*with bracket folded downwards

### Available beam angles



### Accessories/spare parts

- 860846 ✓ Alignment device for HPL LED spotlights
- 224414 Pole mount bracket for pole with Ø 76 mm for HPL 450 W
- 860847 Pole mount bracket for pole with Ø 76 mm for HPL 900 W / 1350 W

## Floodlight

### Product features

- U-profile seal surrounding all sides
- heat-conducting film for lasting, reliable dissipation of heat from the LED board
- low heat generation
- Full luminous flux is available immediately
- low energy consumption with high light output
- maintenance-free
- wide operating temperature range (up to 60°C)
- no UV/IR radiation
- Insensible against pusting and vibrations
- various light dispersion characteristics available



### Technical data

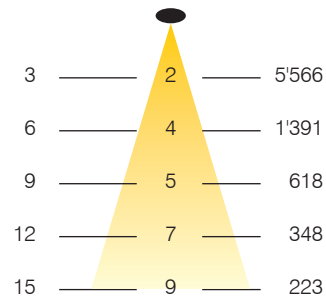


Operating voltage	100-277 VAC (50/60 Hz)
LED power	95-270 W
Light output	16'400 - 40'230 lm
Light colour	cool white 5'000 K
Illuminant	SMD-LEDs
CRI	Ra >80
Beam angles	~30° / ~60° / ~120°
Operating life	[L70/B10] > 80'000 h
Protection category	IP65
Protection class	I
Dimming	optional DALI
Temperature range	
– 90-170	–30°C to +60°C
– 200	–30°C to +55°C
– 240-250	–30°C to +50°C
Surface temperature	+90°C (suitable for use in industrial premises with fire hazards), D rating label
Cover	ESG (toughened safety glass) 3 mm, optional polycarbonate
Weight	~9.5 kg
Dimensions	450×195 mm
Housing surface	PTFE-coated, approved for the food industry
Housing material	Die-cast aluminium, Alloy 230 D
Housing colour	black
Connection	1 m 3×1.5 mm² H07RN
Certification	CB, CE, D rating label

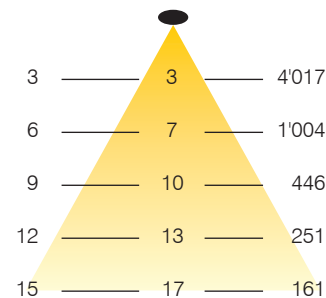
### Light distribution

Mounting height [m]      Cone-wide [m]      Luminance [lx]

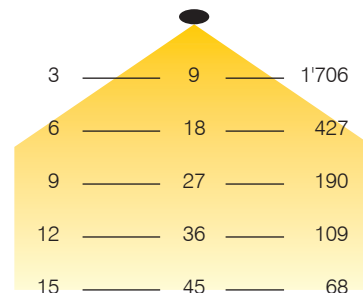
Type 240, ~30°



Type 250, ~60°



Type 250, ~120°



## Floodlight

### Assortment

Item no.	Designation	Beam angles	Light output	Cover	Connection cable	Remark
800161	DeltaLUXX 150	~30°	17'089lm	ESG	1 m 3×1.5mm <sup>2</sup>	
800163	DeltaLUXX 240	~30°	24'418lm	ESG	1 m 3×1.5mm <sup>2</sup>	
800406	DeltaLUXX 2 130	~60°	21'400lm	PC	1 m 3×1.5mm <sup>2</sup>	
800409	DeltaLUXX 2 250	~60°	40'230lm	PC	1 m 3×1.5mm <sup>2</sup>	
800288	DeltaLUXX 2 90	~120°	16'400lm	ESG	1 m 3×1.5mm <sup>2</sup>	
800290 ✓	DeltaLUXX 2 130	~120°	22'400lm	ESG	1 m 3×1.5mm <sup>2</sup>	
800292 ✓	DeltaLUXX 2 170	~120°	28'100lm	ESG	1 m 3×1.5mm <sup>2</sup>	
800839 ✓	DeltaLUXX 2 170	~120°	28'100lm	ESG	1 m 3×1.5mm <sup>2</sup>	DALI
800294 ✓	DeltaLUXX 2 200	~120°	32'400lm	ESG	1 m 3×1.5mm <sup>2</sup>	
800296 ✓	DeltaLUXX 2 250	~120°	38'900lm	ESG	1 m 3×1.5mm <sup>2</sup>	
800302 ✓	DeltaLUXX 2 250	~120°	38'900lm	ESG	1 m 3×1.5mm <sup>2</sup>	DALI

### Accessories/spare parts

179113 ✓	Safety cable 1.0m, anti-fall protection
168467 ✓	Plug and socket (plug/box) 2P+PE, IP68, (TeeTube)
187707 ✓	all mounting bracket, aluminium, black





**THE  
SOLUTION  
PARTNER**

**GIFAS-ELECTRIC GmbH**  
Dietrichstrasse 2  
CH-9424 Rheineck

+41 71 886 44 44  
[info@gifas.ch](mailto:info@gifas.ch)  
[www.gifas.ch](http://www.gifas.ch)