

SYSTEMATIC QUALITY



# WayLED

MOBILE LIGHTING SYSTEM



**GIFAS**  
ELECTRIC

## WayLED

The mobile lighting system of GIFAS!



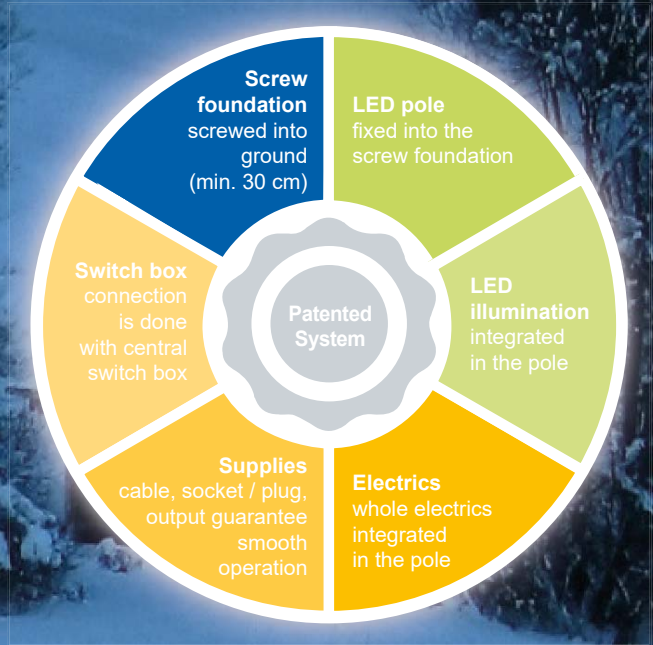
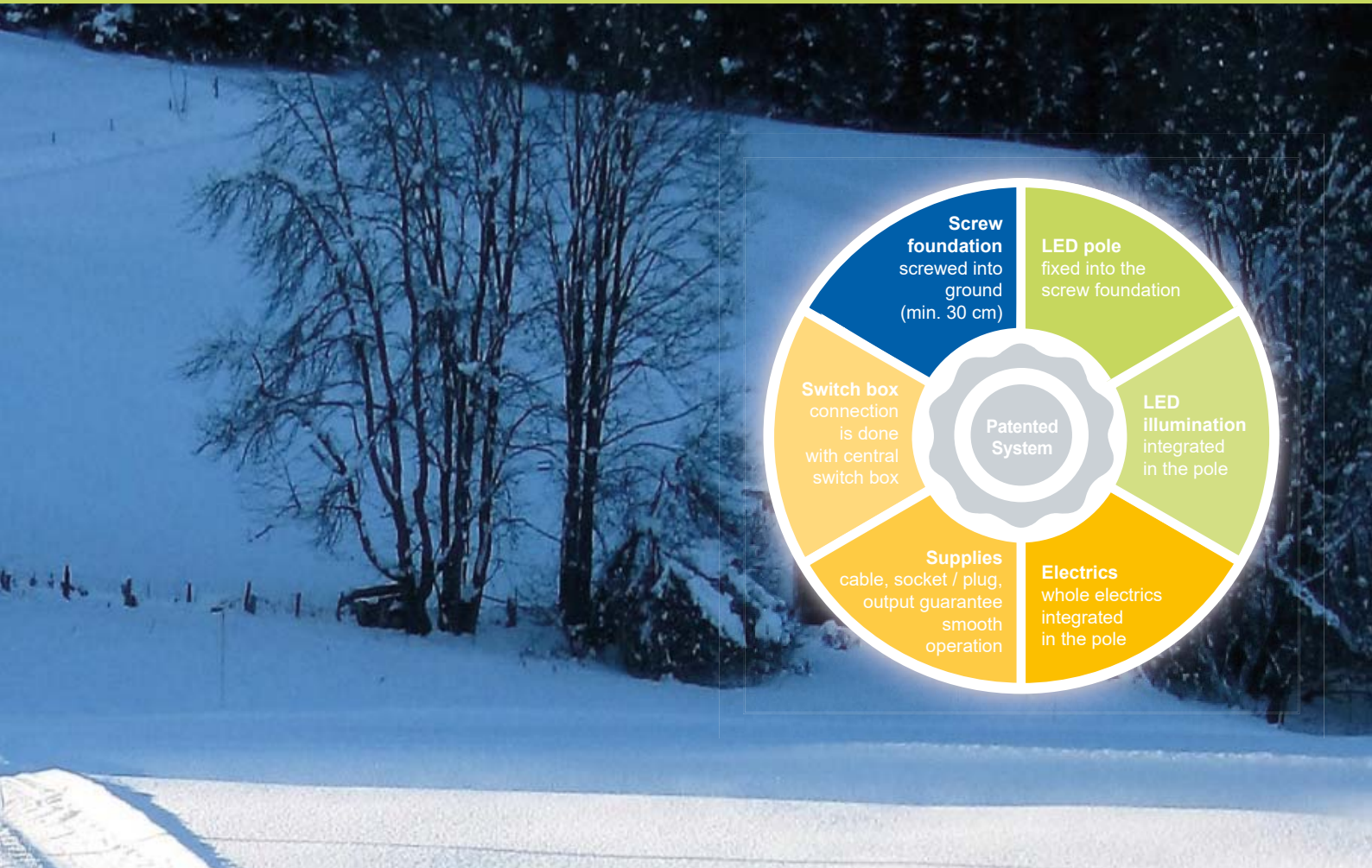
The principle of lighting as a modular system is really simple but perfectly constructed and thought thru. The illumination poles are fixed with screw foundation into the soil. Starting from a central switch box, all poles must be connected with cables and the whole system is available. No expensive qualified technical personnel is needed for installation, just a healthy portion of common sense and a little manual know-how. That´s the way to save time and money.

The light poles can be set up as desired if the route of the trail changes during the season or the following year. Forests, meadows and pastures are not affected because the poles and power lines can easily be removed at the end of the season. Only the screw foundation remains in the ground and does not interfere with mowing the meadows.



Originally designed for use in cross-country trail lighting, the WayLED opens up numerous other possible uses, such as: mobile lighting for walkways or cycle paths, toboggan or curling lanes, lake promenades, access to various events or market festivals or other outdoor events, these can be worryless and safely illuminated with the LED system .

The energy-efficient LED technology protects the environment and saves money of the operator the electricity costs are reduced to a minimum. The LED lights integrated into the poles only need 16 Watt. Nevertheless the light beam effect with about 17 m in both ways is optimally illuminated, so the system fulfils all standards and requirements of the guidelines for sports facilities EN-12193.





### Development Approach

Cross-country skiing - the ideal balance in the fresh air after strenuous working hours. Up to now, cross-country skiers were able to illuminate the cross-country trails only with much effort, high energy costs and partly even adventurous constructions. This era is now closing - thanks to WayLED.



### Range of application

Cross country ski runs, toboggan runs, ice rinks, ski jumps, road and street lighting, lake promenades, access to various events & cultural meetings, and much more.



### Quality

The components are selected according to the highest quality requirements: aluminum mast as well as high-quality cabling, LEDs and electronics from well-known manufacturers.

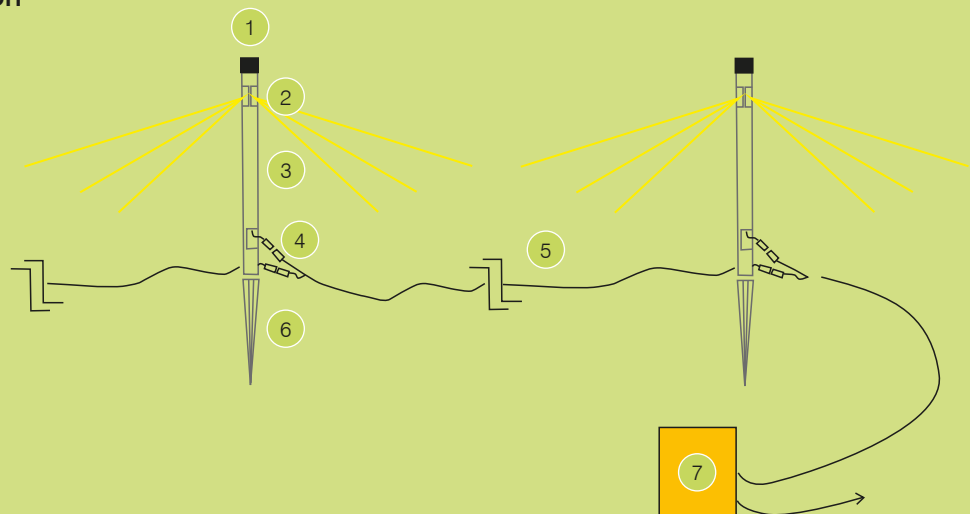


### Beam angle / light cone

The environment is illuminated by a light wedge effect of around 15 m (in both directions) and thus fulfills the requirements of the sports facility directive EN-12193. This means that in the lighting class III (school and leisure sports), the average illumination intensity = 3 lx with a uniformity  $E_{\text{hmin}} : E_{\text{hmax}} = 0.1$ .

## System / Construction

- 1 Pole cap
- 2 LED
- 3 LED pole
- 4 plug connection - waterproof
- 5 230/400V - supply
- 6 Screw foundation
- 7 Switching cabinet, CEE plug 5x16A 400V





**Product features**

No impact on agriculture.

The system can be dismantled and used in the summer with little effort. The flat grounded screw foundation is closed with a lid and remains in the ground. Thus, it is available in the next winter season at any time.

**Technical data Mast**

Light	LED use up to 16W max
Operating Voltage	230VAC
Light color	4.000K
Illumination	approx. 17 m in both directions
Housing material / Housing color	aluminium / alu-nature
Mounting	on ground screw socket
Weight	approx. 3.1 kg
Dimensions Ø x H	6 x 350 cm
Type of protection	IP65
Temperature range for operation	-35° to +40°

**Technical data screw foundation**

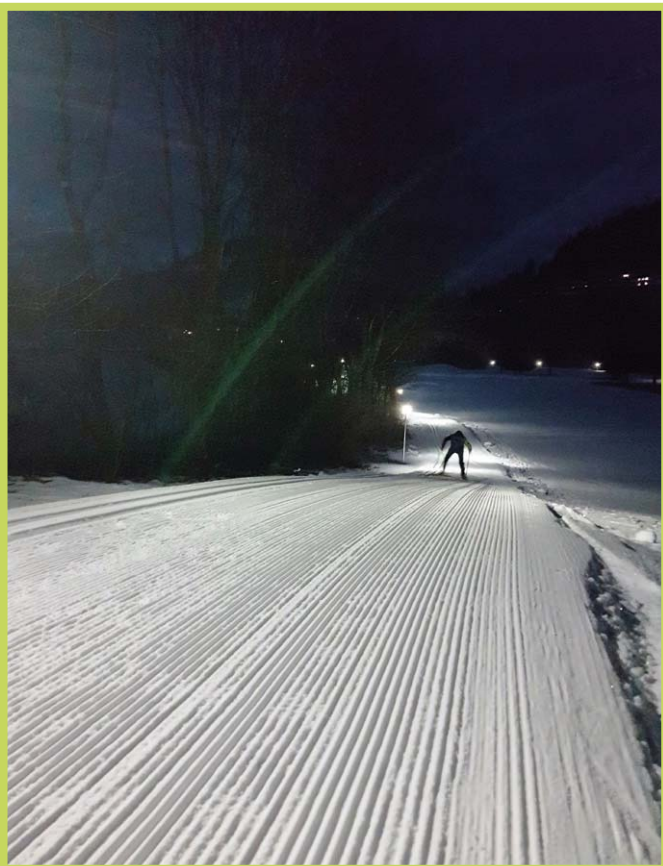
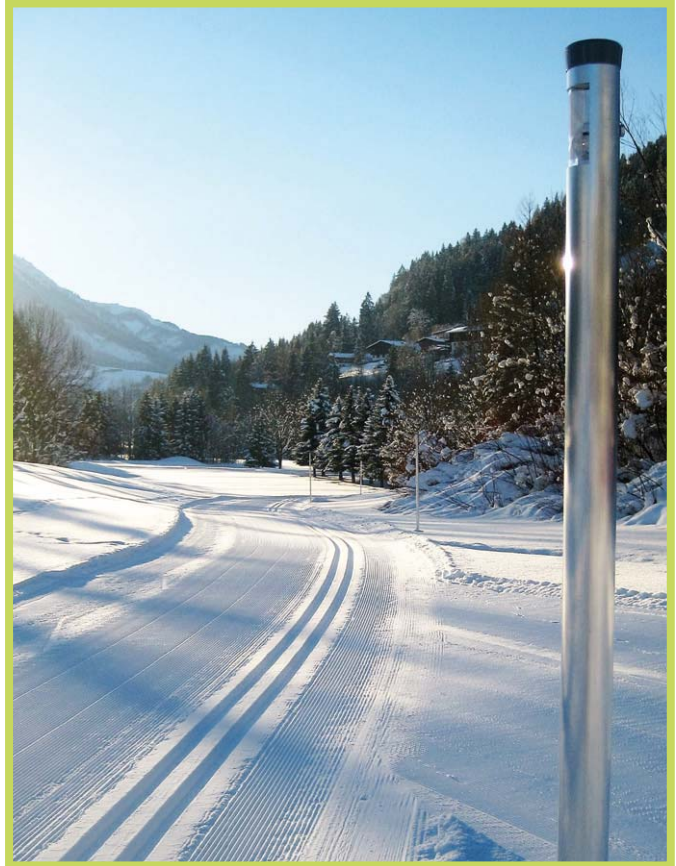
Weight	approx. 1.6 kg
Dimensions Ø x H	6 x 60 cm

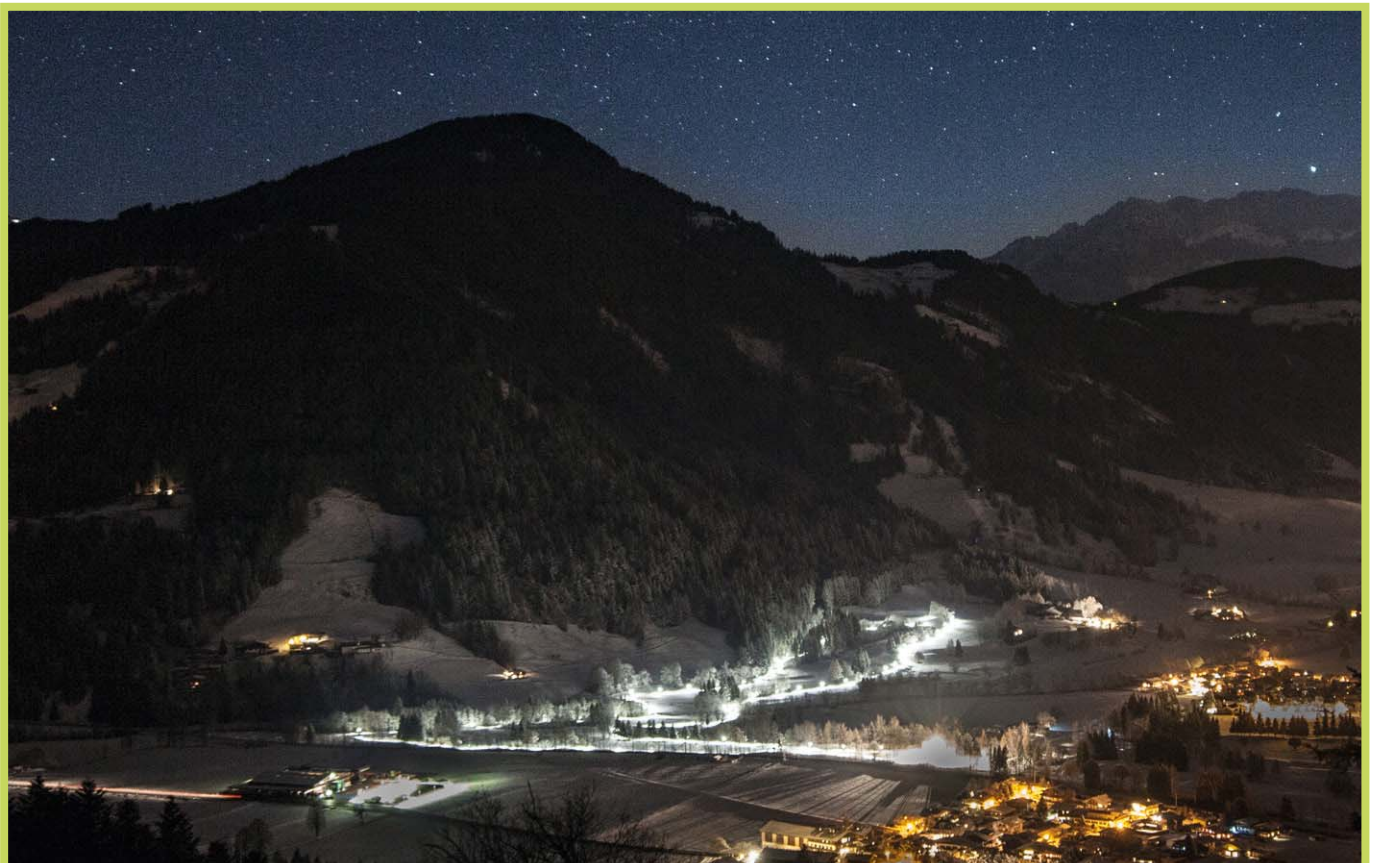
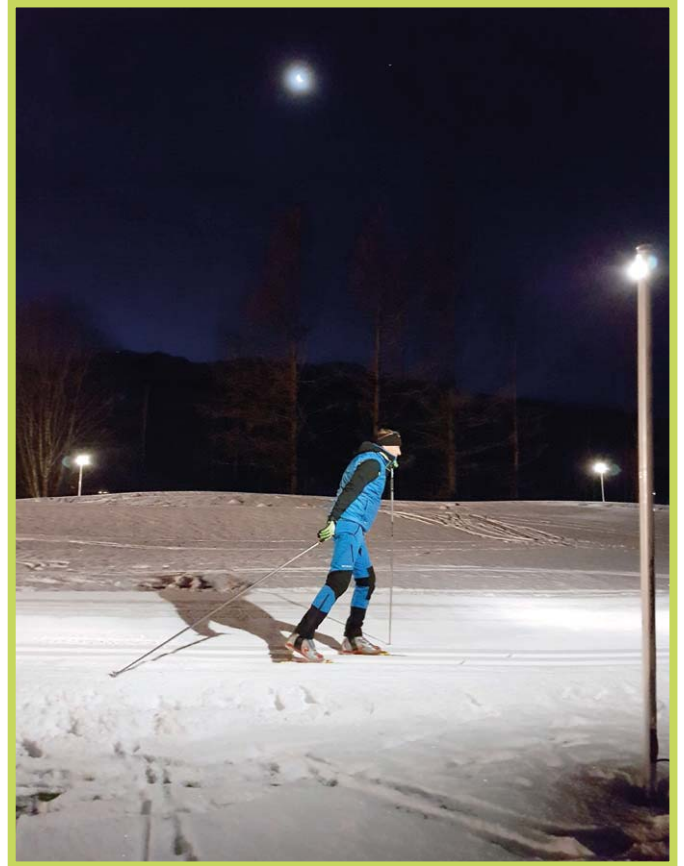
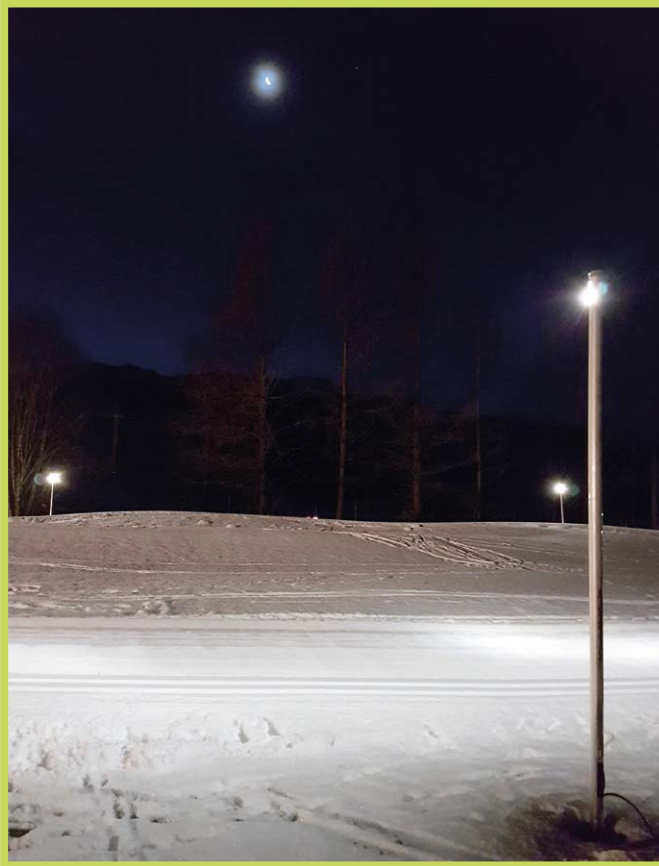
**Advantages**

- full luminous flux available at all times
- Easy to assemble
- Placement anywhere
- Environmentally friendly
- Energy efficient LEDs

Lighting system consisting of		
EDP-No.	Product ID No.	Description
840681	WAYLED.BELEUCHTUNGSMAST.3500.MM.2XLED.16W.4000K	WayLED lighting mast 2x LED 8W, 4.000K, H=3.500 mm, Ø 60 mm, connecting cable with waterproof plug
841032	WAYLED.301656.354540.H07RN-F.1212.301657.WD.L1	Extension WayLED CEE plug/coupling plastic 5x16A 400V, 35 m H07RN-F 5G4 with retaining plate, L1
841034	WAYLED.301656.354540.H07RN-F.1212.301657.WD.L2	Extension WayLED CEE plug/coupling plastic 5x16A 400V, 35 m H07RN-F 5G4 with retaining plate, L2
841035	WAYLED.301656.354540.H07RN-F.1212.301657.WD.L3	Extension WayLED CEE plug/coupling plastic 5x16A 400V, 35 m H07RN-F 5G4 with retaining plate, L3
840637	WAYLED.BODENSCHRAUBFUNDAMENT.600.MM	WayLED ground screw galvanized, with plastic lid, L: 600 mm, Ø 60 mm







# CONTACT US



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