

SYSTEMATIC QUALITY



WayLED

MOBILE LIGHTING SYSTEM



GIFAS
ELECTRIC

7g

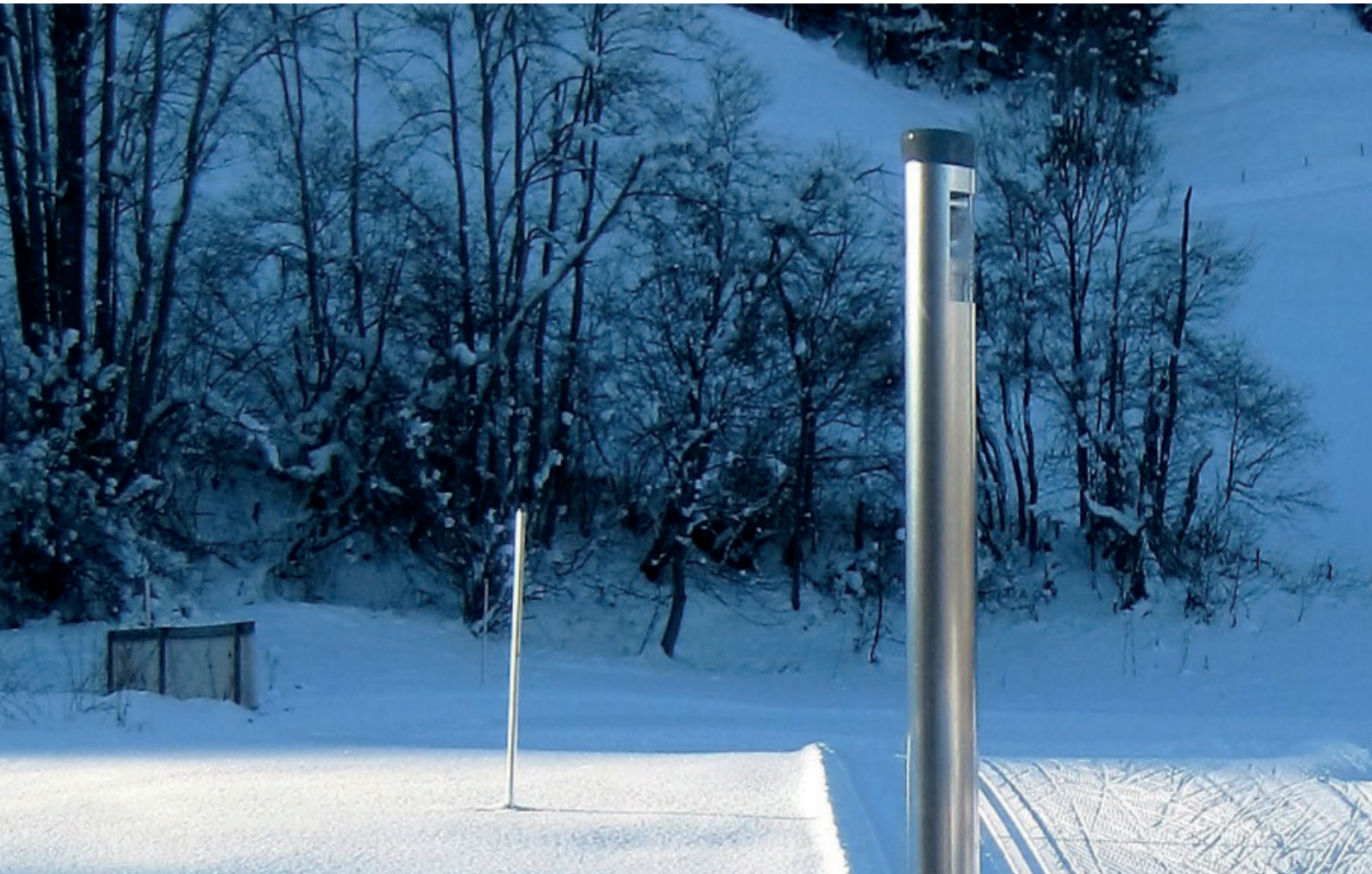
WayLED

The mobile lighting system of GIFAS!



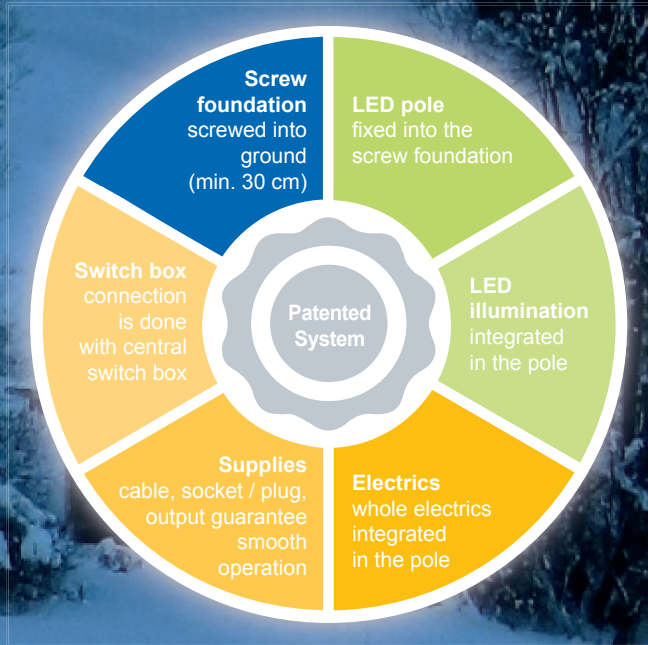
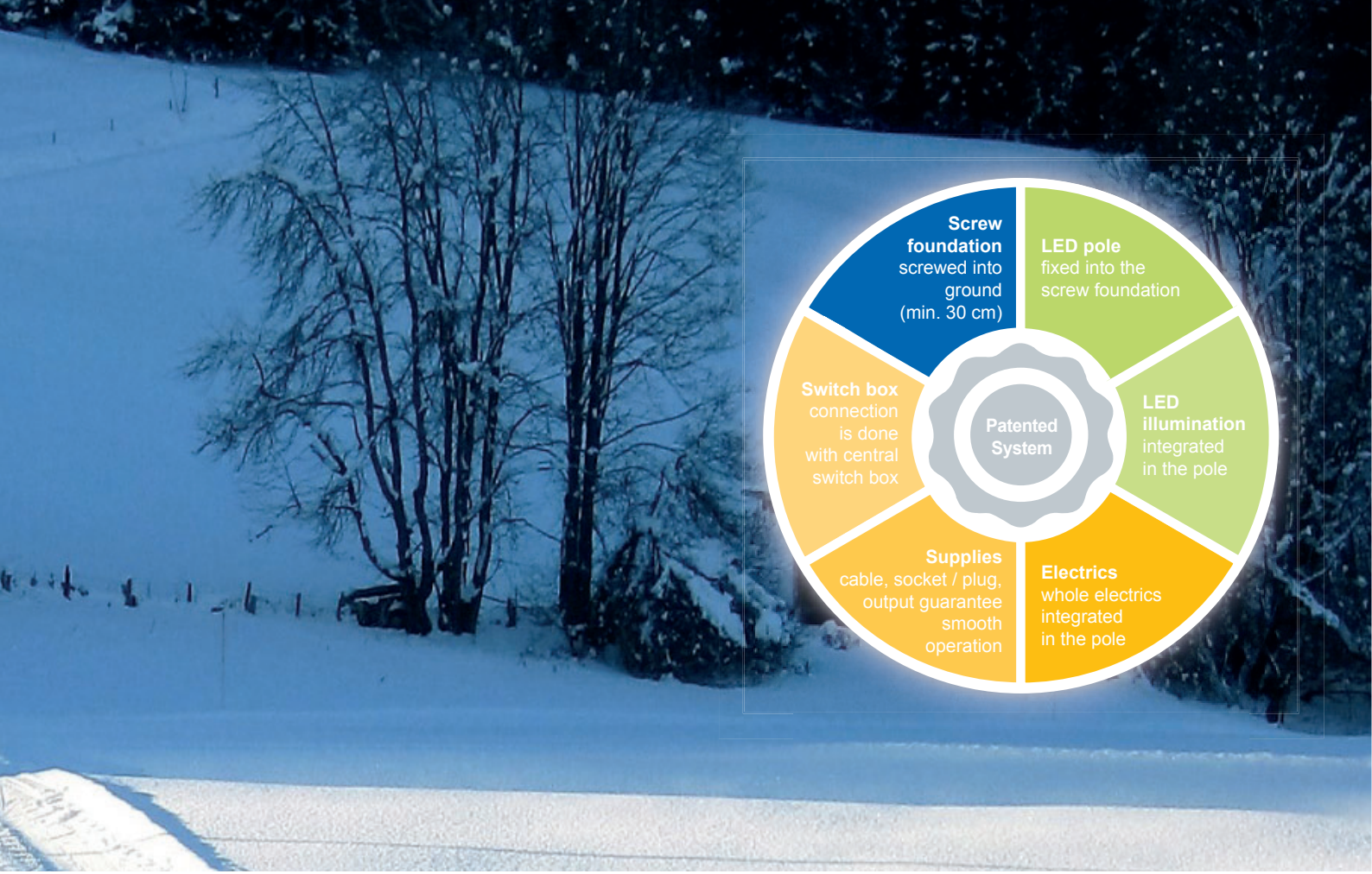
The principle of lighting as a modular system is really simple but perfectly constructed and thought thru. The illumination poles are fixed with screw foundation into the soil. Starting from a central switch box, all poles must be connected with cables and the whole system is available. No expensive 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.

Because of this principle it´s self-evident that the lighting poles can be installed flexible in choice of placement, just in case the trail guidance changes during season or at the subsequent years. As well as the requirements of agriculture have been taken into account. Woods, meadows and grazing lands will not be affected, because poles and cables can be easily removed by the end of the season. Just the screw foundation will remain at the soil, which is not disturbing when mowing the grass.



Originally designed for illumination of cross-country skiing trails, WayLED offers a lot more suitable application areas. Simple and obvious we like to mention the illumination of pavement and bicycle lanes, but as well as toboggan runs and curling tracks can be floodlighted in an appropriate way. Lakeside promenades, accesses to summer or community festivals or various other outdoor events can be illuminated in an easy and safe way with this LED system.

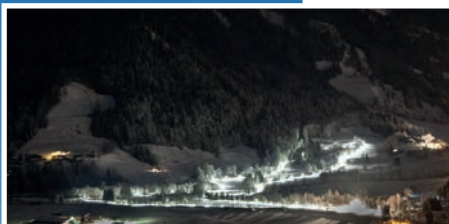
As a side effect, but definitely intended, the energy-efficient LED technology protects the environment and saves money of the trail providers. Electricity costs are reduced to a minimum. The LED lights integrated into the poles only need 8 Watt. Nevertheless the light beam effect with about 15 m in 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.



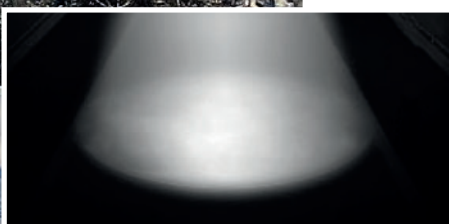
Application areas

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.

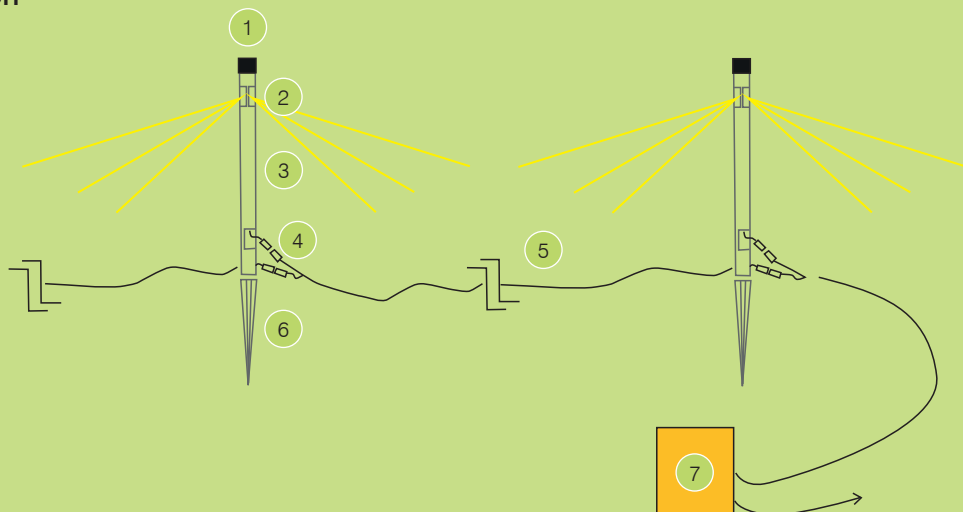


Beam angle / light cone

The environment is illuminated by a light wedge effect of around 15m (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 $E_{h_{av}} = 0.1$.

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



Benefits

- available at all times
- easy to assemble
- placement anywhere
- environmentally friendly
- energy efficient LEDs

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 pole

Light	LED use up to 8 W max
Supply voltage	230 VAC
Light colour	4.000 K
Illumination	approx. 15 m in both directions
Material / colour	Aluminium / alu-nature
Mounting/Fixation	on ground screw socket
Weight	approx. 3,1 kg
Dimensions Ø x H	6 x 280 cm
Type of protection	IP65
Temperature range of operation	-35° up to +40°

Technical data screw foundation

Weight	approx. 1,6 kg
Dimensions Ø x H	6 x 60 cm

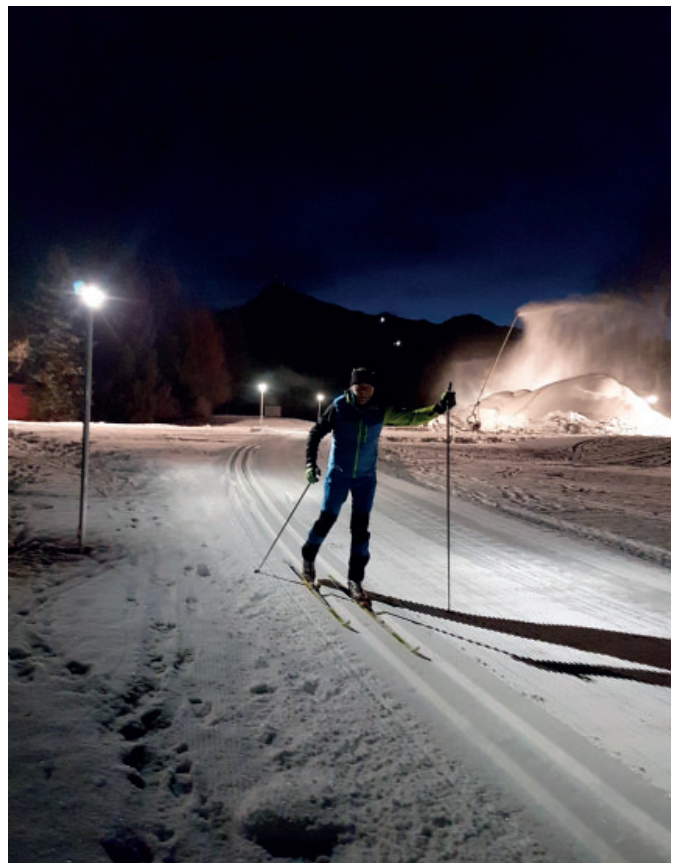
Lighting system consisting of:

EDP No	Product ID No.
840635	WAYLED.BELEUCHTUNGSMAST.2800.MM.2XLED.8W.4000K
	WayLED lighting pole with 2xLED 4W, 4000K, H = 2800mm, Ø 60mm, connection cable with socket 3-pol. Wieland
840636	WAYLED.304540.H07RN-F.VERBINDUNGSKABEL.WAYLED
	WayLED Y-connection cable 30m H07RN-F 5G4,0 with plug and coupling + 1m supply line for LED lighting mast
840637	WAYLED.BODENSCHRAUBFUNDAMENT.600.MM
	WayLED ground screw galvanized, with plastic lid, L: 600mm, Ø 60mm,

Lighting system - lead:

EDP No	Product ID No.
840638	WAYLED.301656.30540.H07RN-F.KU.RST25I5
	Extension WayLED CEE plug 5x16A 400V, 30m rubber hose line heavy 5G4, coupling RST25I5







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