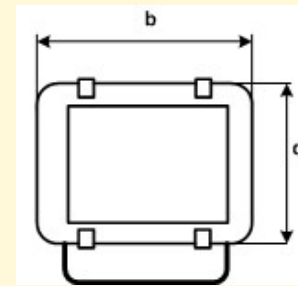
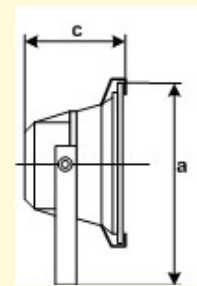


Searchlight projectors of "TOURIST" KIB series



Projectors are available for ordering in four design variants, which differ with the opening beam angle. All variants are given in the table.

Design variant	Half-angle of a lens	Opening beam angle
1	10°	20°
2	15°	30°
3	25°	50°
4	45°	90°

Projector's body frame is made of aluminum in accordance with pressure casting technique; it has a powder coating that protects from corrosion, dust and dirt. Heat-strengthened cover glass with a silicon sealer protects from ingress of moisture into the body frame.

Lighting parameters

Color of light-emitting diodes (LED)	Warm white	Natural white	Cold white
Luminous efficacy, lumen per watt	100	114	130
Quantity of light-emitting diodes	Projector light flux, lm		
8	800	912	1040
9	900	1026	1170
10	1000	1140	1300
12	1200	1368	1560

Searchlight projectors "TOURIST" KIB-0004P

The battery is found in the projector body frame, and a battery monitoring circuit and voltage converter are there. As the battery voltage below a specified level device beeps and turns off automatically.

Manual controller of luminous efficiency allows changing the brightness from 0 to 100%. Hermetic slots are on the body frame of projector for power supply from the automotive storage and charger (an electric cable of 10 m length and charger are in set). Projector has a rotating knob for transportation.

The KIB -0004P projector is aimed for hunters, fishermen and tourists, but can be useful an independent source of lighting for employees of different services as well.

Technical parameters

Parameter	Value	Parameter	Value	Parameter	Value
Performance life, hour	> 50 000	Voltage power, V	10,8...14,4	Protection level	IP 65
Temperature rating, °C	From -30 to +45	Operating time, hours	2	Weight, kg	From 3,5 to 3,85
Relative degree of humidity, %	From 10 to 90	Power consumption, W	From 8,25 to 12,6	Size, mm (a x b x c x d)	260 x 295 x 174 x 207

Searchlight projector for security system KIB-0003P

The main purpose of the projector KIB-0003P is security systems work. It can be used for illuminating areas of industrial objects, warehouses, tunnels, crossings, parking lots, etc.

On special request, the projector can be equipped with lighting and motion sensors or remote control.

In case of the mains disappearance the voltage projector automatically switches with the help of battery supply. In this mode, it can work for about two hours without loss of lighting performance.

Technical parameters

Parameter	Value	Parameter	Value	Parameter	Value
Performance life, hour	> 50 000	Voltage power, V	From 10,8 to 14	Protection level	IP 65
Temperature rating, °C	From -30 to +45	Operating time, hours	2	Weight, kg	From 3,5 to 3,85
Relative degree of humidity, %	From 10 to 90	Power consumption, W	From 8,25 to 12,6	Size, mm (a x b x c x d)	260 x 295 x 174 x 207
Voltage power, V	~ 100-240 50Гц	Operating rate	> 0,85		

Demonstrative signs



Demonstrative signs can be very different and with various patterns depending on customer's option.

Demonstrative signs are made in two variants.

The first design variant does not include switching to backup power from the internal battery in case of supply voltage failure.

The second variant has built-in battery, allowing the demonstrative sign to work for four hours after the supply voltage failure.

All elements including LEDs, power-supply source, batteries and their charging controller are placed in the body frame of a demonstrative sign.

Technical parameters

Parameter	Value	Parameter	Value	Parameter	Value
Performance life, hour	> 50 000	Voltage power, V	~ 90-264 50 hz	Protection level	IP 54
Temperature rating, °C	From -20 to +45	Power consumption, W	11	Weight, kg	To 2
Relative degree of humidity, %	From 10 to 90	Operating rate	> 0,85	Size, mm	835x60x40