

Illuminating lamps for housing and utilities infrastructure

Illuminating lamps are aimed for for housing and utilities infrastructure. They can be used for lighting stairways, intermediate areas, residential premises of different purposes etc.

The KIB-0001HUI illuminating lamp has highly anti-vandalism and environmental stress protection.

The body frame is made of aluminum casting and lamp shade is made of frosted polycarbonate or thick glass.

The power-supply source is located in the body frame of illuminating lamp and has galvanic isolation of the lighting network.

Options of the KIB-0001HUI illuminating lamp are given in the table 1.

For special ordering the illuminating lamps with built in motion sensors or light, or both sensors together are available.

The available colours of body fraim are gray and white.



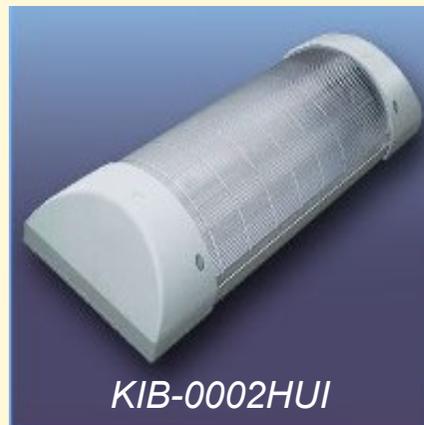
From three to six high brightness LEDs can be placed in body frame of illuminating lamp; there light output corresponds luminous flux of incandescent lamp of 40 ... 60 watts.

KIB-0002HUI and KIB0003HUI components are made of hard ABS-plastic, and lamp shades are made of polycarbonate. The first illuminating lamp has ribbed lamp shade and the second one has translucent lamp shade.

All components of illuminating lamps are installed on the steel profile basis with the help of screws and hitches.

The power-supply source is located in the body frame of illuminating lamp and has galvanic isolation with the lighting network.

Depending on the length of the illuminating lamp's body frame it can be installed from 6 to 12 high brightness LEDs.



There are 2 available colours of illuminating laps for ordering: white and gray.

The KIB-0004HUI illuminating lamp has the highest protection level. It aimed for usage in high humidity premises: boilers, basements, etc.



Body frame of the illuminating lamp made of hard ABS-plastic, and the lamp shade made of corrugated polycarbonate or thick glass. A lamp shade has a protective metal bar.

Whereas the lamp is aimed for the usage in hazardous premises, it has current supply through the DC network of voltage of 24 V.

Sustainable source for LED power supply is located in the body frame of illuminating lamp.

The available options for the illuminating lamp with the number of LEDs from 4 to 8 items.

Body frame color is black.



Lighting parameters of KIB-0002HUI ... KIB-0004HUI are given in the table 2.

KIB-0002HUI and KIB-0003HUI with built in motion sensors or light, or both sensors together are on special offer.

The available colours of body fraim are gray, white and black (for KIB-0004HUI only).

Table 1

Lightning 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		
3	300	342	390
4	400	456	520
5	500	570	650
6	600	684	780

Table 2

Lightning 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		
6	600	684	780
7	700	798	910
8	800	912	1040
9	900	1026	1170
10	1000	1140	1300
11	1100	1254	1430
12	1200	1368	1560

Technical parameters of KIB-0001HUI ... KIB-0003HUI are given in the table 3.

Technical parameters of KIB-0004HUI are given in the table 4.

Table 13

Technical parameters					
Parameter	Value	Parameter	Value	Parameter	Value
Performance life, hour	> 50 000	Voltage power, V	≈220 V, 50Гц	Power consumption, W	From 6,3 to 12,6
Temperature rating, °C	From -20 to +45	Relative degree of humidity, %	From 10 to 90	Protection level	IP 54

Table 14

Technical parameters					
Parameter	Value	Parameter	Value	Parameter	Value
Performance life, hour	> 50 000	Voltage power, V	= 24 V	Power consumption, W	From 4,2 to 8,4
Temperature rating, °C	From -20 to +60	Relative degree of humidity, %	From 10 to 100	Protection level	IP 65