

Mine lighting fixtures VEL51-SH series for lineal LED lamps, with explosion-proof marking RV ExdI



Application

The lighting fixture used in this series of places, hazardous gas (mixtures of metal), coal dust and others. Designed for fixed lighting in the coal mines and other locations, in accordance with the explosion-proof marking

Special features

- Reliability, safety, the ability to quickly replace the lamp
- The presence of the protective grille that protects the cover from impacts
- Highly durable glass cover is resistant to aggressive environments

Technical Specifications

Code	Nominal voltage (V)	Luminous flux (lm) for fluorescent lamps	Luminous flux (lm) for LED lamps	Holder of the lamp	Level of ingress protection	Diameter led-in cables (mm)	Weight, kg
VEL51-SH-1x18	127	1050	570	G13 two pin	IP65	8-14	3,9
VEL51-SH-2x18	127	2400	850		IP65		8,8

Power factor - $\cos \varphi > 0,95$

Design

Lighting fixtures of type VEL51-SH is a cylindrical body made of aluminum alloy. Light-transmitting element is glued to the base of the opening branch. lighting fixture with lamp and ballast ballast placed in the housing with type of protection "flameproof enclosure". on lighting fixture can be installed two cable glands for cable routing transit Supply original equipment of lighting fixture comes with two plugs. Grounding of floodlight provides internal and external grounding bolt next to each bolt with a mark grounding.

Scope of delivery

By default, the lighting fixture is equipped with lamps and two cable glands for unarmored cable

To be ordered additionally:

Cable glands:

- VK-X-VEL2BM-G $\frac{3}{4}$ "-Exe for armored cable;

- VK-X-VEL2BT-G $\frac{3}{4}$ "-Exd- G $\frac{3}{4}$ " for armored cable in a pipe or for joining cable in metal hose using coupling MMRn-20.

When ordering a lighting fixture be aware that the lighting housing has G $\frac{3}{4}$ " thread.



Catalog Number Logic

VEL51-SH-LEDX1X2-X3-X4

VEL51-SH – explosion-proof plastic lighting fixture for fluorescent lamps (RV ExdI)

LED – index denoting LED lamp using (in case of non-use of LED lamp index is not indicated)

X1 – number of lamps: 1 or 2

X2 – lamp power: -18W for fluorescent, 9W for LED.

X3 – maximum diameter of the cable input into the panel: 14mm

X4 – explosion protection marking RV ExdI

Order formulation example:

An explosion-proof lighting fixture with one 18W fluorescent lamp:

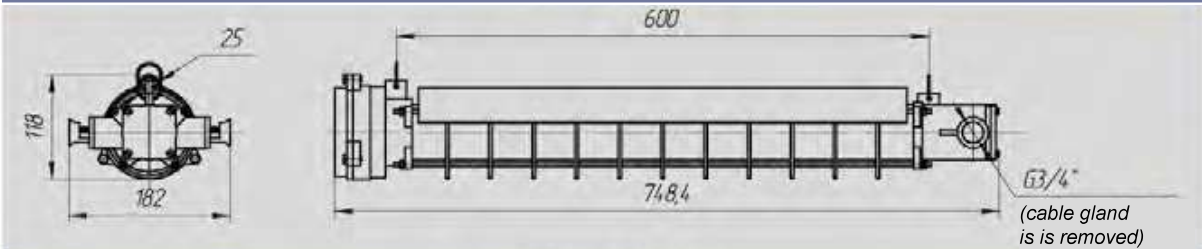
Lighting fixture VEL51-SH-1x18-14-RV ExdI

Microphotometer curves (Kd/1000lm)

VEL51-SH lighting fixture with linear fluorescent lamps		VEL51-SH lighting fixture with linear LED lamps	
VEL51-SH-1x18 127V AC 22W	VEL51-SH-2x18 127V AC 44W	VEL51-SH-LED1x9 127V AC 9W	VEL51-SH-LED2x9 127V AC 18W
1050 lm	2400 lm	570 lm	850 lm

Overall and mounting dimensions

VEL51-SH-1x18



VEL51-SH-2x18

