

The calculation of led lighting in the apartment

The calculation of led lighting allows you to organize an effective lighting system. One of the main features of these lamps is high brightness and in addition they are characterized by a direction of radiation which under certain conditions is a plus in others a disadvantage. So the room was illuminated by diode fixtures as evenly as possible, you should use some tricks. The efficiency of light emission in the apartment should be different. If in any room the illumination will be equally bright directional or diffused on the contrary the level of comfort is considerably reduced. The rules of lighting Therefore, in the premises of various purpose SNiP provides several levels of illumination The area of a room and its height is a key factor in determining a sufficient brightness of light. Much depends on the type of lighting the key light the local functional mood lighting. The standards specify different levels of light for certain rooms. When you create a functional lighting system, the lamp needs to emit more bright light. Mood lighting requires installation of lamps of low efficiency. The named indicators light suitable for homes high 2.5-3 m. The use of led emitters you should consider their location taking into account the main parameter luminous flux. The brighter the radiation of lamps, the farther they are from each other. To cover the entire area of the room or a separate area is recommended to calculate the appropriate number of bulbs. Uniform ceiling light is available through the installation of different types of lighting elements. You can select different combinations of the Central lamp chandelier and spot emitters mounted in various configurations a few ceiling of the instrument main light and decorative light spot emitters in the right quantity and with suitable characteristics to be used in the organization of the main light without the use of chandeliers. The overall intensity of the illumination lamps for rooms of various purpose is defined as The last of these parameters depends on the installation height of the luminaires and the reflectivity of different surfaces of walls ceilings floor. For housing but only with the installation of the lamps based on diodes, the figure is 11. The brightness levels As an example, consider the calculation of led lighting child $F = 200611 = 1320$ LM. Accordingly, in such conditions it is necessary to use emitters which are characterized by the luminous flux of the desired value below in the aggregate it was possible to obtain a value of 1320

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