

Lighting

Efficient lighting of office space promotes efficiency and prevents the visual and General fatigue creates a certain psychological tone. The organization of artificial lighting should provide the right balance between the whole area and local workplace lighting. It is impossible to prevent the dominance of one over the other lighting. In artificial light in the premises of administrative purpose usually take the system total equals -dimensional lighting. As a source of artificial lighting mainly used fluorescent lamps. From an economic point of view, fluorescent lighting is justified by the fact that despite the higher one-time costs this type of lighting requires much less energy consumption by 35-40%. The average duration of the fluorescent lamp is 6000 hours while the incandescent bulbs 1000 hours. Luminous efficacy of fluorescent lamps exceeds 4 times the light output of incandescent lamps. As a means of General lighting of office space engineers and employees it is recommended to use lamps ambient light. For General lighting, it is advisable to use fluorescent lamps of daylight type LD gives the correct difference of colors or dumps with improved color reproduction of the type of LDC. Lamp power ceiling fluorescent fixtures shall be not less than 40 watts as their average overall brightness of at least 3500 $\kappa\text{дм}^2$. Ceiling fluorescent lights should be set in rows. When placing lighting, their ranks should be shifted closer to the Windows because the surface of the Windows in the evening sotopalacio has a significantly greater capacity than the interior walls and lighting of the workplace are located at the window will be insufficient. The minimum distance of ceiling lights from the window openings must be at the same 80-90 cm. When painting areas in dark color from 10 to 30% of the electricity required for lighting is wasted as dark black brown grey blue walls absorb from 40 to 90% of the light. Of the many lamps on the market today our industry and abroad, preference is given to lamps plafond type with closed or narrow the lens of PMMA or polystyrene. Simple forms of lamps corresponds to the modern of the interior and interior decoration. To obtain a high illuminance, it is advisable to use fluorescent lamps more power as it reduces the number of lamps reduces the cost of lighting systems and facilitates care for them. In order to approximate working conditions in

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