

Led lights for greenhouses

Will be happy to answer Can be a lot of talk about the benefits of led lighting in greenhouses is most clearly LUKOZA however, we will show this by a concrete example. Example the following experiment was carried out in December 2013 in the Vladimir greenhouses. For comparison I took two identical beds with an area of 18m². One flower bed was covered arc tube of sodium lamps-600 other led lamps LUKOZA LED MOD-55-3-BiO. As crops took rucola varieties Recompose a similar experiment was successfully carried out with the variety of Corsica. Rocket unpretentious but very photophilous plant. So each bed had 3 lamps is based 100Втm² for HPS and 25Втm² for Lukoza BiO. Conclusion despite the fact that the cost of the lamp with the lamp HPS and Lukoza about similar usually cheaper LUKOZA lamps HPS lamp benefits of using led lighting Lukoza Seri BiO obvious. Certainly, any businesses profits. The main indicators which can be assessed in monetary terms the power consumption of replacing the consumables are more difficult to assess the effort of maintaining fleets of HPS lamps is and administrative resource to order lamps and BALLASTS and time electricians which these consumables are changed. It's difficult to assess the damage from a broken HPS lamps over the beds when the faithful approach requires decontamination of the soil if this is not done it will damage the health of consumers. Led lights for greenhouses from LUKOZA - profitable and safe. SUMMARY of electricity savings and 75% increase in yield of 21%. Savings on consumables of approximately 1200руб on the lamp. Reduced cost of ownership to zero. The main advantages of LED-technology LUKOZA is the light output which is many times more than HPS and other bulbs. But the luminous efficiency is not the only plus. In the present LUKOZA LEDs blue spectrum necessary for normal plant development. This is an important point. Vegetables grown under lamps Lukzoa BiO similar in its properties to the vegetables grown in the open ground. And the yield is 15 to 21 times higher than under natural light. For the efficient growth of photophilous plants it is important to choose the right distribution of the spectrum of the lighting device. For example at least 30% blue spectrum. Based on the needs of photophilous plants, the efficiency of use of spectrum composition spectrum Lukoza BiO and level of intensity of the spectrum is the most optimal in the approximate calculation led greenhouse lighting is sledushee formula 25Втm². For a more precise definition of the configuration of the lighting system, we recommend you consult a specialist and order a free lighting calculation. We will provide free Useful

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