

MD.21.

Title	Phytolamp based on color high-brightness LEDs
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Patent no.	Pending patent registration
Description EN	The device is based on the color high-brightness LEDs with various proportions of colors, in a 5730 body with a power of 0.5W. Samsung LEDs have a light efficiency $\sim 217\text{Lm} / \text{W}$ and CRI $> 80\text{Ra}$ for white color. Epistar led on 0.5W for RED, BLUE and GREEN color. Used power supply is developed by us. The device can replace a metal-halogen or mercury lamp with a power consumption of around 250-600W. We use special design which allows phytolamp for day / night lighting of large areas.
Class no.	5,10