

## SMART LIGHTING SYSTEM



Several light shades that can be irradiated by SLS

### Areas of Application

This LED lighting system has a controllable spectral composition and light intensity and optical parameters of artificial light adaptable to the natural light

### Advantages

The Smart Lighting System is unique in Ukraine and differs from foreign counterparts by option of getting white light with chromaticity coordinates corresponding to the Planck curve, with a color temperature range from 2700 K to 10000 K, and with color rendering index higher than 85

### IPR Protection

IPR2

### Specification

Dimensions, mm	600 × 600 × 150
Power supply, V	180–260
Power consumption, W	5–40
Luminous flux, lm	500–4000
Luminous efficiency, lm/W	>100
Power factor	>0,9
Full harmonic distortion factor (ITHD), %	<15
Intensity curve	Wide
Fall in light flux since switch-on until the stable mode is reached (30 min), %	<1
Stability of luminous flux at a temperature from 0 to 40 °C, %	<1

### Stage of Development.

#### Suggestions for Commercialization

IRL7, TRL6

The manufacture, delivery, warranty service, and staff training, upon request

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