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Title	LED street lamp with enhanced performance features
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Patent no.	Pending patent registration
Description	The device is based on the Samsung LED in the 5730 body with a power of 0.5W that have a light efficiency $\sim 217\text{Lm/W}$ and $\text{CRI} > 80\text{Ra}$. The 30W power consumption considerably enhances the reliability of the power supply developed and used by us. The device can replace a metal-halogen or mercury lamp with a power consumption of around 150-250W. Individual lenses are provided for each led with X-150° and Z-70° light output angle, which allows using the designed lamp for night lighting of street areas.
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Class no.	1 or 2