




# GANESH LED BASED AVIATION OBSTRUCTION LIGHT

	<p><b>ELECTRICAL DATA ICAO &amp; FAA Norms approved</b></p> <p><b>No. Of LEDs:</b> 343</p> <p><b>Maximum forward current:</b> 100mA</p> <p><b>Typical power consumption:</b> 8.8 W Maximum at 230V AC</p> <p><b>Input voltage variability:</b> Can withstand fluctuation of <math>\pm 25\%</math></p> <p><b>PIV protection:</b> LEDs internally protected against rev. voltages up to 1 kV</p> <p><b>Insulation resistance:</b> &gt;200 megohms at 1000V</p> <p><b>Dielectric strength:</b> 2.5 kV</p> <p><b>Earthing:</b> Terminal provided inside body</p> <p><b>Cable entry:</b> ET 19mm</p> <p><b>I LUMINANCE:</b> @3300 LUX</p>
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## Double Dome LED Aviation light

	<p><b>ELECTRICAL DATA ICAO &amp; FAA Norms approved</b></p> <p><b>No. Of LEDs:</b> 343 x 2nos./196x2/121x2/50x2/40x2</p> <p><b>Maximum forward current:</b> 200mA/140/90/17mA</p> <p><b>Typical power consumption:</b> 8.8 W x 2 at 230V AC /10w / 7w / 2.5w</p> <p><b>Input voltage variability:</b> withstand flucn. <math>\pm 25\%</math></p> <p><b>Insulation resistance:</b> &gt;200 megohms at 1000V</p> <p><b>Dielectric strength:</b> 2.5 kV</p> <p><b>Earthing:</b> Terminal provided inside body</p> <p><b>Cable entry:</b> ET 19mm</p> <p><b>I luminance:</b> @3300/3300/1700 lux per each lamp</p>
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## Aviation Light with inbuilt Photocontroller

	<p><b>ELECTRICAL DATA</b></p> <p><b>No. Of LEDs:</b> 170</p> <p><b>Maximum forward current:</b> 45 mA</p> <p><b>Typical power consumption:</b> 5.5 W Maximum at 230V AC</p> <p><b>Input voltage variability:</b> Can withstand fluctuation of <math>\pm 25\%</math></p> <p><b>PIV protection:</b> LEDs internally protected against rev. vol. upto 1 kV</p> <p><b>Insulation resistance:</b> &gt;200 megohms at 1000V</p> <p><b>Dielectric strength:</b> 2.5 kV</p> <p><b>Earthing:</b> Terminal provided inside body</p> <p><b>Aluminium body with powder coating</b></p> <p>Polycarbonate unbreakable red dome</p> <p><b>Cable entry:</b> PG11 cable gland</p> <p><b>Type :</b> with inbuilt photosensor for automatic operation</p> <p><b>I luminance:</b> @3000 lux</p>
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## SOLAR TYPE LED BASED AVIATION OBSTRUCTION LIGHT

	<p><b>ELECTRICAL DATA</b> ICAO TESTED</p> <p><b>I luminance:</b> @13 lux (ICAO TYPE A)</p> <p><b>No. Of LEDs:</b> 75 LEDs</p> <p><b>Maximum forward current:</b> 200mA</p> <p><b>Typical power consumption:</b> 2.5W Max. at 12 V DC</p> <p><b>Input voltage variability:</b> <math>\pm 10\%</math></p> <p><b>PIV protection:</b> LEDs internally protected against rev. voltages up to 1 kV</p> <p><b>Insulation resistance:</b> &gt;200 megohms at 1000V</p> <p><b>Dielectric strength:</b> 2.5 kV</p> <p><b>Solar Panel :</b> 12V 10Wp</p> <p><b>Dome :</b> Polycarbonate (Clear / Red)</p> <p><b>Body :</b> Aluminium with Powder coating / Polycarbonate</p> <p><b>Battery:</b> Exide make (12V 7AH) maintenance free.</p> <p><b>Min. 3 Photosensors provided for automatic operation</b></p>
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## Other Accessories Along with Aviation Lights

	<p><b>Photocontrollers</b></p> <p>For Automatic operation of the Aviation lamps</p>		<p><b>Mounting Clmps</b></p> <p>To directly mount the aviation lamps on tower without drilling or welding</p>
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**Clients :** Airports Authority of India, BSNL, Tata Teleservices Ltd, Bharti Cellular Ltd, Idea Cellular Ltd, GTL Ltd., Fascel Ltd, Prasar Bharti, Nokia, Ericsson etc.

## GANESH ELECTRICALS

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