



Swivel Dome Light with Backup Battery Functionality

The LED based dome light is designed to provide general purpose illumination within armored vehicles.

The product is designed to provide White and Blackout light at a flood beam angle, it uses multiple LED technology.

Light control is enabled by a momentary push button switch located on the product.

The design utilizes solid state technology and a constant current drive circuit to achieve a consistent and power economical light output at an input voltage range of 16-33VDC.

The product is designed to meet the rigorous requirements of military ground vehicle environments.

The product comprises Backup battery functionality, active while mains are disconnected or during vehicle power supply failure event.

The light can be moved to two directions, to provide the light wherever it is necessary.

Features

- * **Spectral color** – White and Blue
- * **Simple mounting** – Mounted by 6 screw holes.
- * **Receptacle type** – The unit utilizes connector VG95234A-10SL-3PN
- * **Dimming control** – Light intensity is controllable through a potentiometer 1-100%
- * **Low Voltage Alert** – Low Voltage visual Alert of the vehicle's battery.
- * **Backup Battery** – Active during vehicle power supply failure event.

Technical Specifications

Input Voltage	16 – 33 VDC
Input Current at 24V	200mA ±10%
Power Consumption at 24V	4.8 Watts
Input Over Voltage Protection	Included
Input Reverse Voltage Protection	Included
Light source	LEDs
White Light Center Luminance at 1m	45 Lux
Blackout Light Center Luminance at 1m	10 Lux
Dominant Wave Length (cyan)	505nm
Light Beam Angle (swivel)	270°
Operating Temperature Range	-40°C to +71°C
Weight	400 gram
Built-In EMI RFI Filter, Low Noise	MIL-STD-461E
Mechanical Shock Test & Vibration	MIL-STD-810E