

BODY ELECTRICAL

LIGHTING

■ DESCRIPTION

The new GS300 has the following systems:

System	Outline
Headlights	<p>Four sculptured multi-reflector type headlights, in which the low-beam and high-beam lights are mounted separately, have been adopted on all models.</p> <p>Also, Discharge headlights have been adopted to the low-beam headlights as optional equipment. This headlights provides a high level of visibility.</p> <p>The basic construction and operation of Discharge headlights are the same as in the LS400.</p>
Automatic Headlight Beam Level Control System	<p>An automatic headlight beam level control system has been adopted, which automatically maintains the headlight beams at a constant level in relation to the vehicle posture that is detected by sensors.</p> <p>The basic construction and operation are the same as in the LS400.</p>
Automatic Light Control System	<p>Positioning the light control switch at AUTO turns the headlights and taillights on or off, depending on the light availability surrounding the vehicle, as detected by the automatic light control sensor.</p> <p>For details, see the next page.</p>
Daytime Running Light System	<p>This system is designed to automatically activate the headlights during the daytime.</p>
Illuminated Entry System	<p>This system is useful when entering the vehicle, fastening the seat belts and inserting the ignition key into the key cylinder in the dark.</p> <p>As in the previous model, when any of the doors is opened, the illuminated entry system turns on the illumination lights around the ignition key cylinder, dome light (only when the control switch is at DOOR position), footwell illuminations (for the driver and front passenger) simultaneously and fade out in about 15 seconds.</p> <p>Also, the control of this system is performed by the No. 2 body ECU.</p>