

LIGHTING

■ DESCRIPTION

1. General

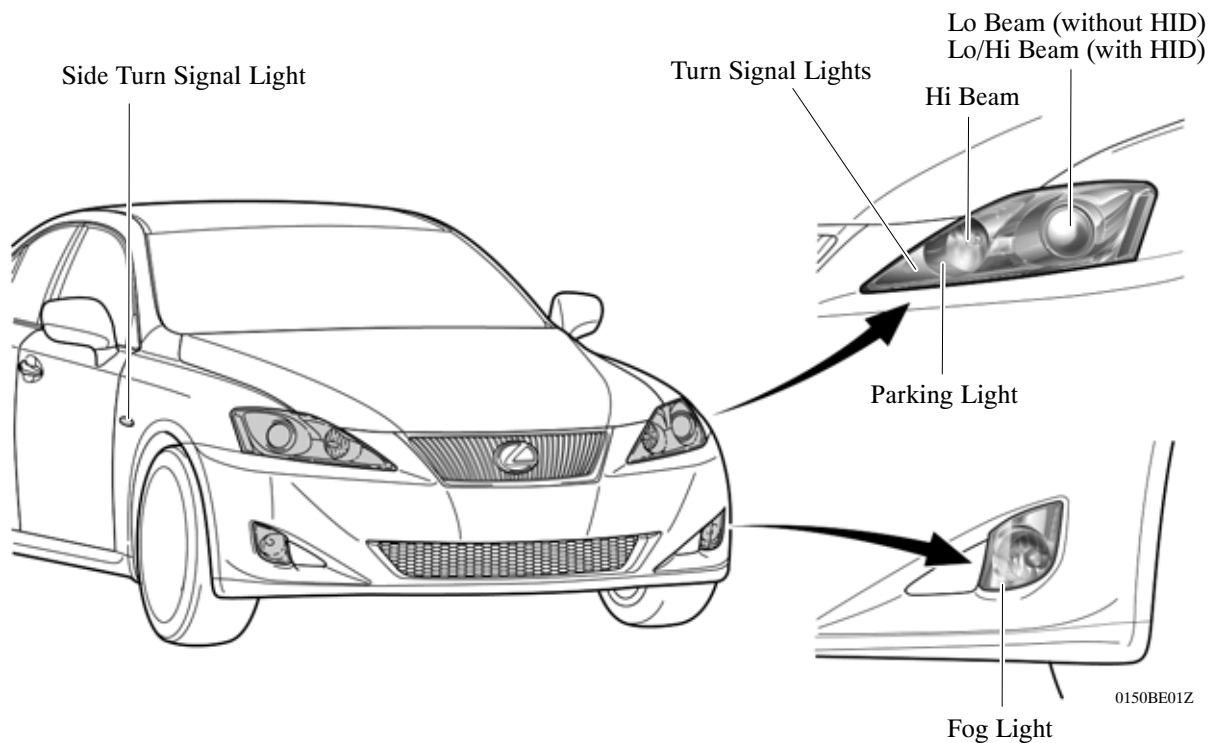
The lighting system has the following equipment:

Item		Equipment
Front Fog Light		Standard
Rear Fog Light		Standard
Headlight	Manual Leveling	Standard
	Bi-function + HID+ intelligent AFS + Auto Level*	Option
Daytime Running Light (Only for LHD models)		Option
Illuminated Entry	Conventional	Standard
	With Scuff Plate Illumination	Option
Automatic Light Control System		Standard
Light Turn-OFF System		Standard
Light Reminder System (See page BE-66)		Standard
Headlight Cleaner		Option

*: Automatic Headlight Beam Level Control System

2. Exterior Light

General

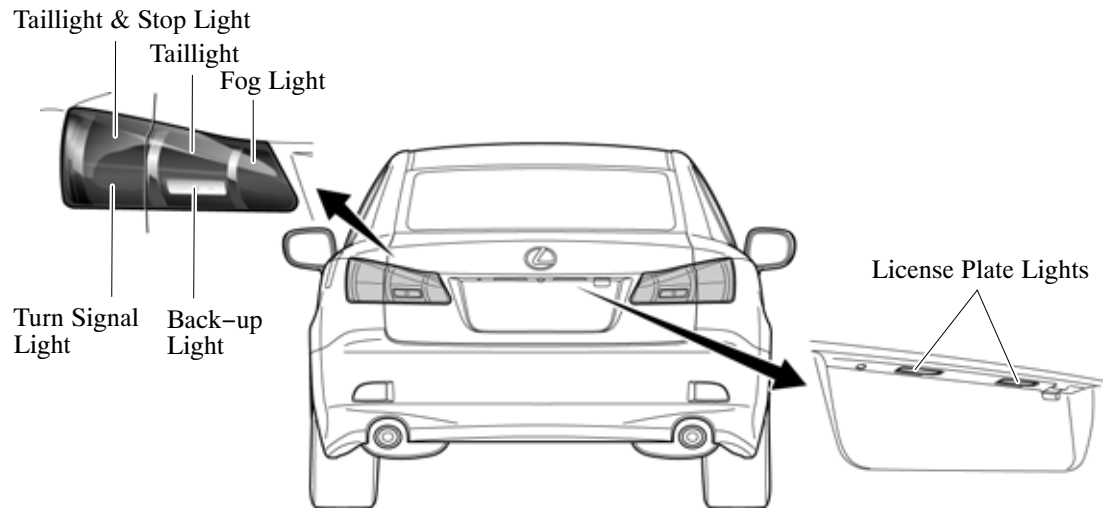


► Specification ◀

Light		Type	W
Headlight Unit	Hi Beam	Halogen Bulb	65
	Lo Beam (Projector Type)	Halogen Bulb	55
	Lo/Hi Beam (Projector Type)	Discharge Bulb	35
	Turn Signal Light	Wedge Base Bulb (Amber)	21
	Parking Light	Wedge Base Bulb (Clear)	5
Side Turn Signal Light		Wedge Base Bulb (Amber)	5
Fog Light		Halogen Bulb	51

Service Tip

If a bulb in the side turn signal light fails, the side turn signal light must be replaced as an assembly. For details, see the LEXUS IS250 Repair Manual (Pub. No. RM0150E).



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► Specification ◀

Light		Type	W
Combination Lens	Taillight & Stop Light	LED (2)	0.4/4.0
	Taillight	LED (16)	1.3
	Turn Signal Light	Wedge Base Bulb (Clear)	21
	Back-up Light	Wedge Base Bulb (Clear)	16
	Fog Light	Wedge Base Bulb (Clear)	21
License Plate Light		LED (1)	0.85

BE

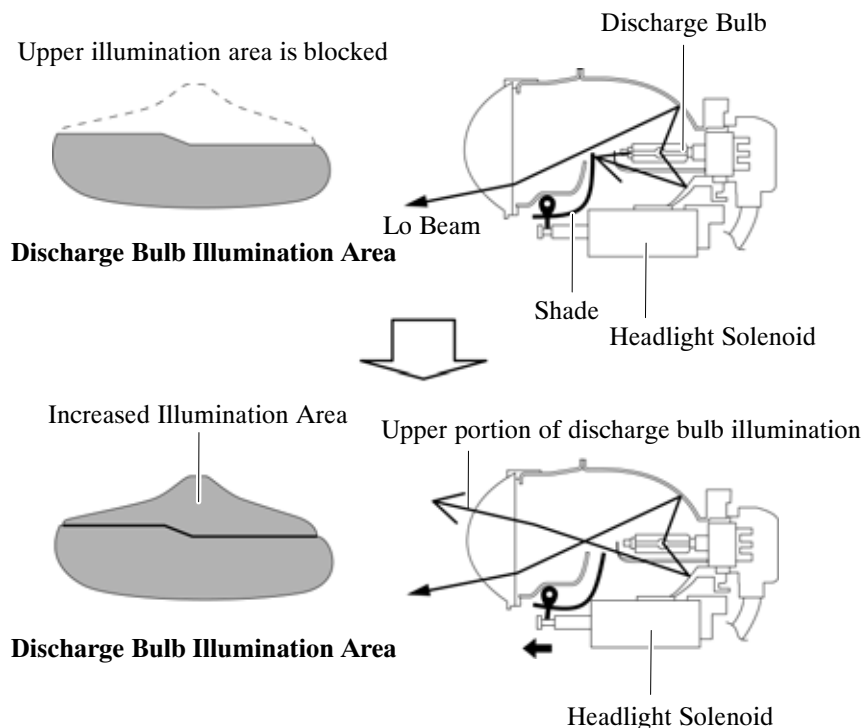
Service Tip

If two or more LEDs for the stop light fail, the vehicle may not conform to local laws. In such a case, be sure to replace the entire LED assembly. Even if only one LED fail, replacement of the entire LED assembly is recommended. For details, see the LEXUS IS250 Repair Manual (Pub. No. RM0150E).

Bi-function (only with HID)

The models with HID (High Intensity Discharge) headlights have a Bi-function. This Bi-function increases the upper illumination area of the discharge bulb (Lo/Hi beam) when the Hi beam is turned on.

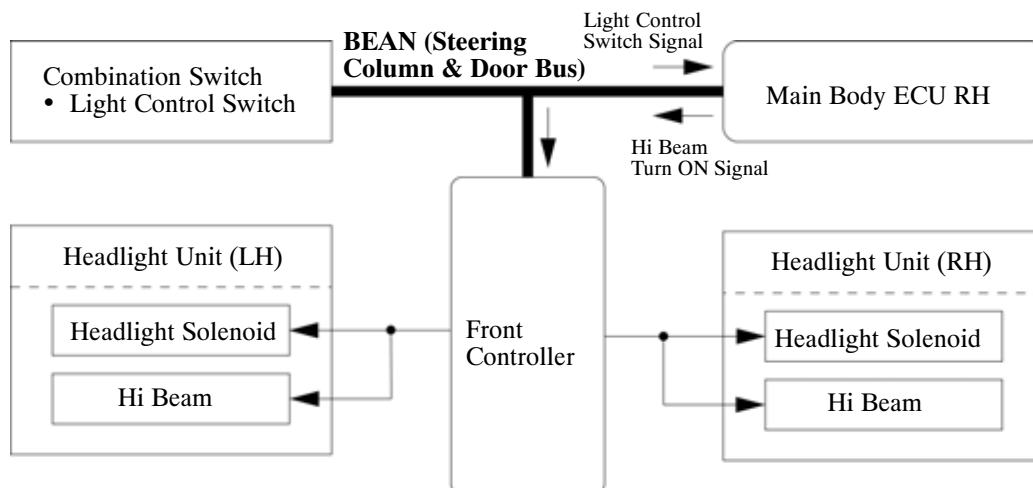
- If the Lo beam is selected, the upper illumination area of the discharge bulb is blocked by a shade and only the lower illumination area is used.
- If the Hi beam is selected, the headlight solenoid slides the shade down to allow use of the upper illumination area, thus increasing the illumination area and improving visibility when the Hi beam is selected.



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- This function is activated by the Front Controller. The Front Controller receives a Hi beam turn ON signal from the Main Body ECU RH and activates the headlight solenoid built into the headlight unit to slide the shade down.

► System Diagram ◀



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