

LIGHTING

■ DESCRIPTION

1. General

The lighting system has the following equipment:

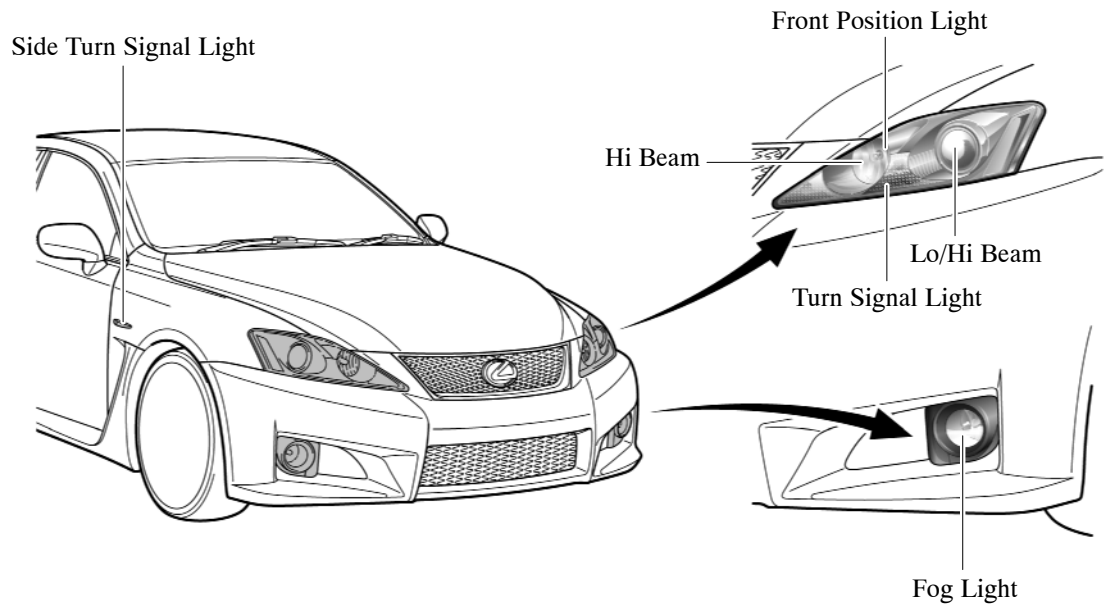
×: Standard OP: Option

Item		Equipment
Front Fog Light		×
Rear Fog Light		×
Headlight	Bi-function + HID + Intelligent AFS + Auto Leveling*	×
Daytime Running Lights (Only for LHD models)		OP
Illuminated Entry	Engine Switch Illumination + Interior Lights + Foot Lights	×
Automatic Light Control System		×
Light Turn-OFF System		×
Light Reminder System (See page BE-66)		×
Headlight Cleaner		×

*: Automatic Headlight Beam Level Control System

2. Exterior Lights

General



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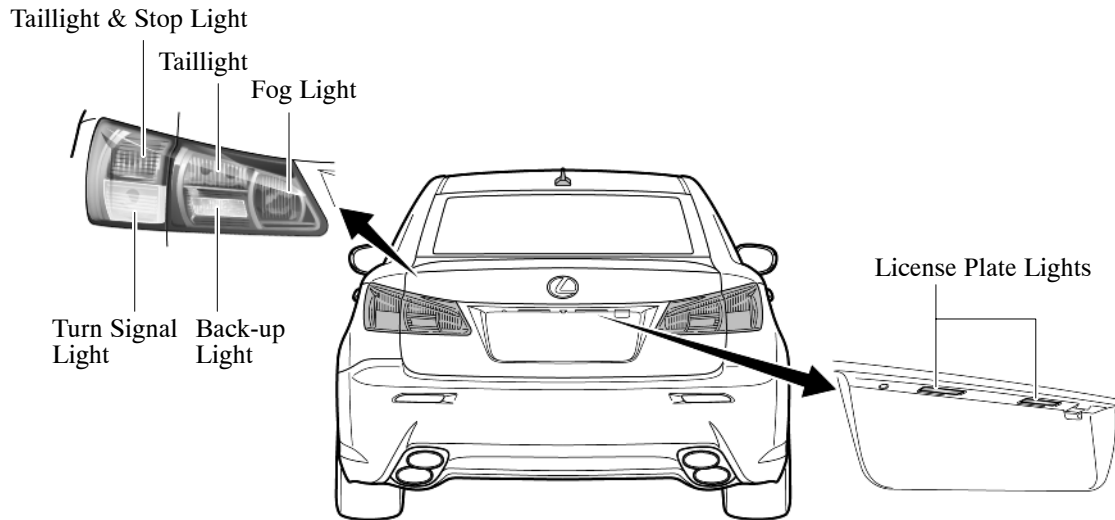
► Specification ◀

BE

Light		Type	Wattage
Headlight Unit	Hi Beam	Halogen Bulb	60
	Lo/Hi Beam (Projector Type)	Discharge Bulb	35
	Turn Signal Light	Wedge Base Bulb (Amber)	21
	Front Position Light	Wedge Base Bulb (Clear)	5
Side Turn Signal Light		Wedge Base Bulb (Amber)	5
Fog Light		Halogen Bulb	55

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 IS F Repair Manual (Pub. No. RM08E0E).



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► Specification ◀

Light		Type	Wattage
Combination Lens	Taillight & Stop Light	LED (2)	0.3/4.0
	Taillight	LED (16)	1.3
	Turn Signal Light	Wedge Base Bulb (Amber)	21
	Back-up Light	Wedge Base Bulb (Clear)	16
	Fog Light	Wedge Base Bulb (Clear)	21
License Plate Light		LED (1)	0.8

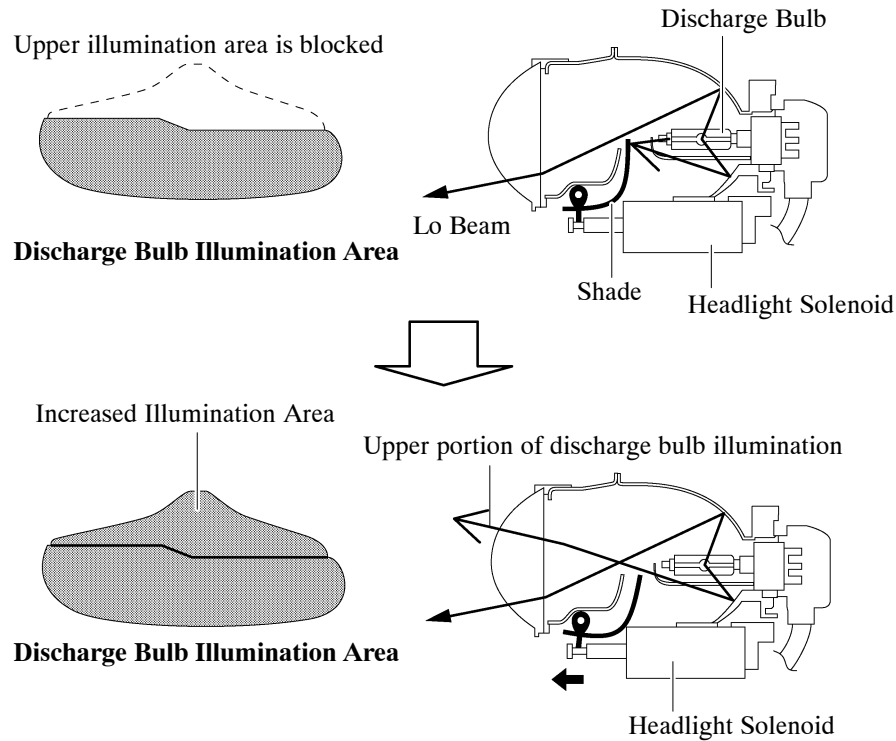
Service Tip

If one or more LEDs for the stop light fail, be sure to replace the entire LED assembly. For details, see the LEXUS IS F Repair Manual (Pub. No. RM08E0E).

Bi-function

The 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.

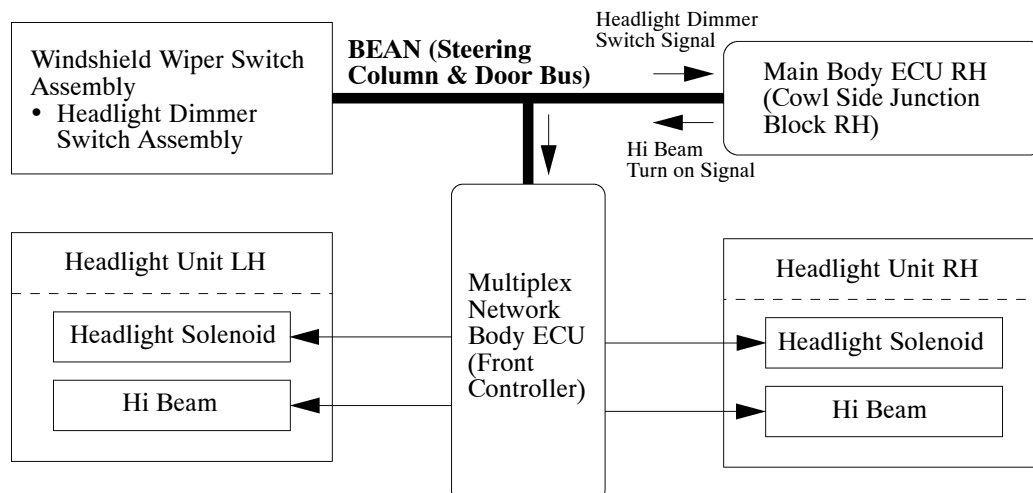


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- This function is activated by the multiplex network body ECU (front controller). The multiplex network body ECU (front controller) receives a Hi beam turn on signal from the main body ECU RH (cowl side junction block RH) and activates the headlight solenoid built into the headlight unit to slide the shade down.

► System Diagram ◀



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