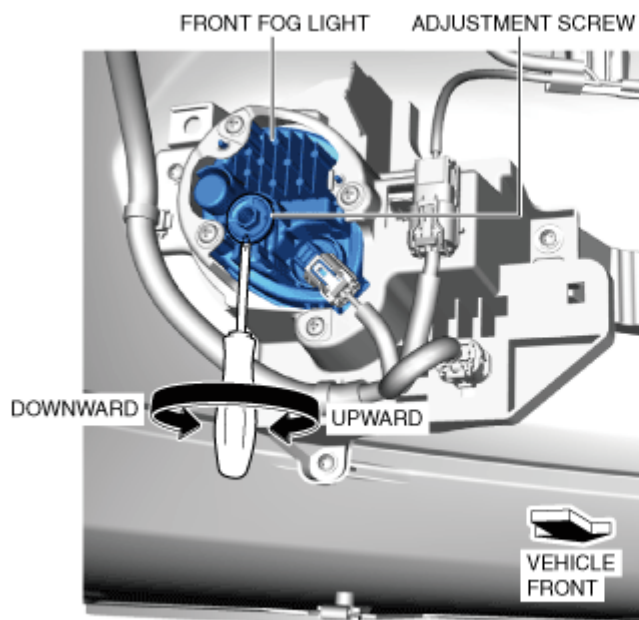


Your Ultimate Source for OEM Repair Manuals

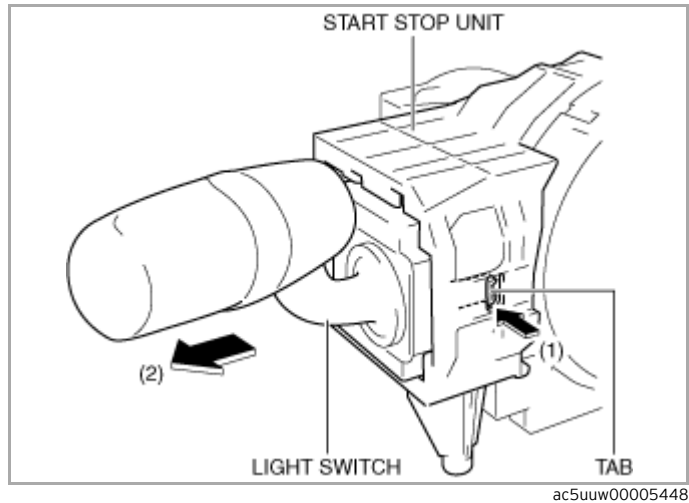
FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2018 MAZDA MX-5 / Miata Roadster Coupe OEM Service and Repair Workshop Manual

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8.Remove the light switch.

9.Install in the reverse order of removal.

HAZARD WARNING SWITCH REMOVAL/INSTALLATION

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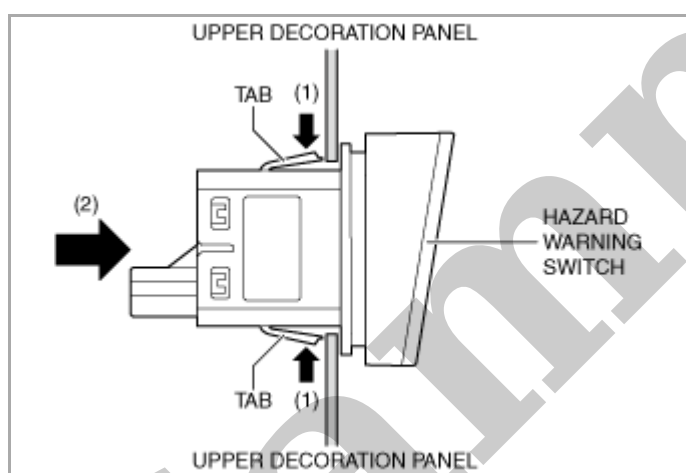
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1. Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

2. Remove the lower decoration panel. (See [DECORATION PANEL REMOVAL/INSTALLATION.](#))

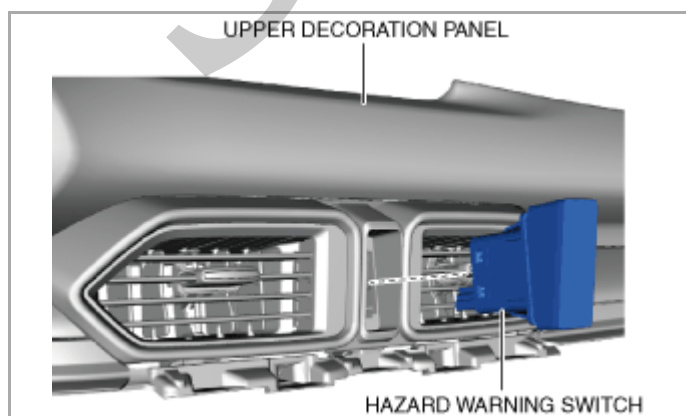
3. Remove the upper decoration panel. (See [DECORATION PANEL REMOVAL/INSTALLATION.](#))

4. While pressing the hazard warning switch tabs in the direction of arrows (1) shown in the figure, press the hazard warning switch in the direction of arrow (2), and detach the hazard warning switch tabs from the upper decoration panel.



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5. Remove the hazard warning switch.



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6. Install in the reverse order of removal.

FRONT FOG LIGHT SWITCH INSPECTION

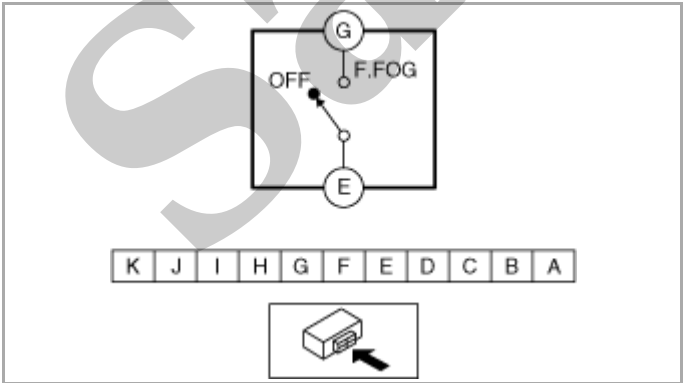
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Note

- When removing the light switch, it is necessary to turn the steering wheel. If the ignition is switched off with the driver's door closed, the steering wheel is locked. Perform Steps 1–3 to prevent the steering wheel from being locked.

- 1.Switch the ignition ON (engine off or on).
- 2.Open the driver's door.
- 3.Switch the ignition off.
- 4.Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))
- 5.Remove the column cover. (See [COLUMN COVER REMOVAL/INSTALLATION.](#))
- 6.Remove the light switch. (See [LIGHT SWITCH REMOVAL/INSTALLATION.](#))
- 7.Verify that the continuity between the light switch terminals is as indicated in the table.



am6xuw00008068

Switch position	Terminal	
	E	G
F.FOG	○ — ○	
OFF		

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- If not as indicated in the table, replace the light switch. (See [LIGHT SWITCH REMOVAL/INSTALLATION.](#))

HEADLIGHT LEVELING SWITCH INSPECTION

SM2899530

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Note

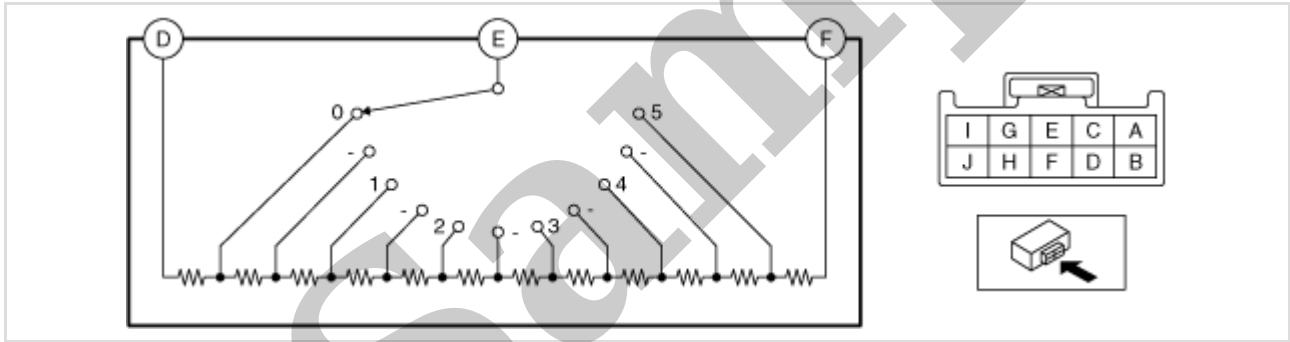
- The headlight leveling switch is integrated with the cluster switch.
- For the headlight leveling switch removal/installation, refer to “CLUSTER SWITCH REMOVAL/INSTALLATION” (See **CLUSTER SWITCH REMOVAL/INSTALLATION.**)

1.Disconnect the negative battery terminal. (See **NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.**)

2.Remove the following parts:

- (1)Driver-side front scuff plate (See **FRONT SCUFF PLATE REMOVAL/INSTALLATION.**)
- (2)Driver-side front side trim (See **FRONT SIDE TRIM REMOVAL/INSTALLATION.**)
- (3)Cluster switch (See **CLUSTER SWITCH REMOVAL/INSTALLATION.**)

3.Verify that the resistance between the cluster switch terminals is as indicated in the table.



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○—W—○ : Resistance

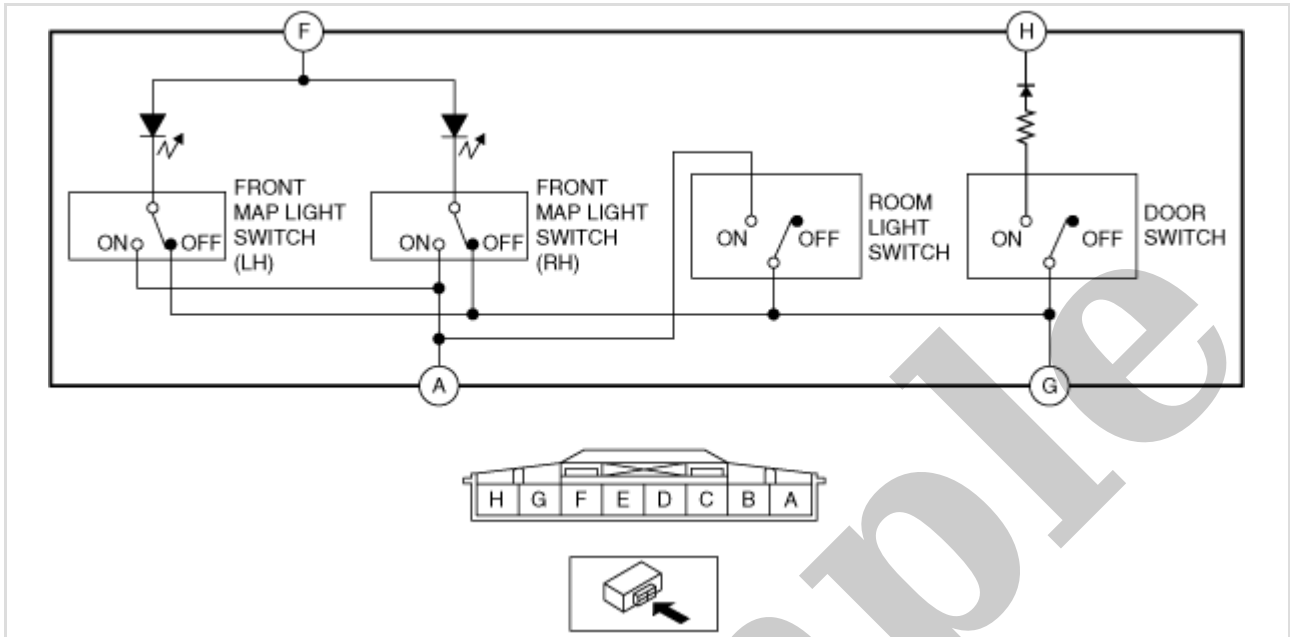
Switch position	Terminal			Resistance (ohms)
	D	E	F	
0	○—W—○			470.25—479.75
-	○—W—○			648.45—661.55
1	○—W—○			826.65—843.35
-	○—W—○			1,004.85—1,025.15
2	○—W—○			1,183.05—1,206.95
-	○—W—○			1,361.25—1,388.75
3	○—W—○			1,539.45—1,570.55
-	○—W—○			1,717.65—1,752.35
4	○—W—○			1,895.85—1,934.15
-	○—W—○			2,074.05—2,115.95
5	○—W—○			2,252.25—2,297.75
All positions	○—W—○	○—W—○		2,976.93—3,037.07

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- If not as indicated in the table, replace the cluster switch. (See **CLUSTER SWITCH REMOVAL/INSTALLATION.**)

Sample

- 1.Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))
- 2.Remove the front map light. (See [FRONT MAP LIGHT REMOVAL/INSTALLATION.](#))
- 3.Verify that the continuity between the front map light terminals is as indicated in the table.



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Switch position				Terminal			
Front map light switch (LH)	Front map light switch (RH)	Room light switch	Door switch	A	F	G	H
OFF	OFF	OFF	OFF		○ — — — ○		
ON	OFF	OFF	OFF	○ — — — ○	○ — — — ○ RH		
OFF	ON	OFF	OFF	○ — — — ○	○ — — — ○ LH		
—	—	ON	OFF	○ — — — ○		○ — — — ○	
—	—	—	ON			○ — — — ○	

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- If not as indicated in the table, replace the front map light. (See [FRONT MAP LIGHT REMOVAL/INSTALLATION.](#))(See [FRONT MAP LIGHT BULB REMOVAL/INSTALLATION.](#))

Console Ambient Light (With Down Light)

- 1.Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))
- 2.Remove the front map light. (See [FRONT MAP LIGHT REMOVAL/INSTALLATION.](#))

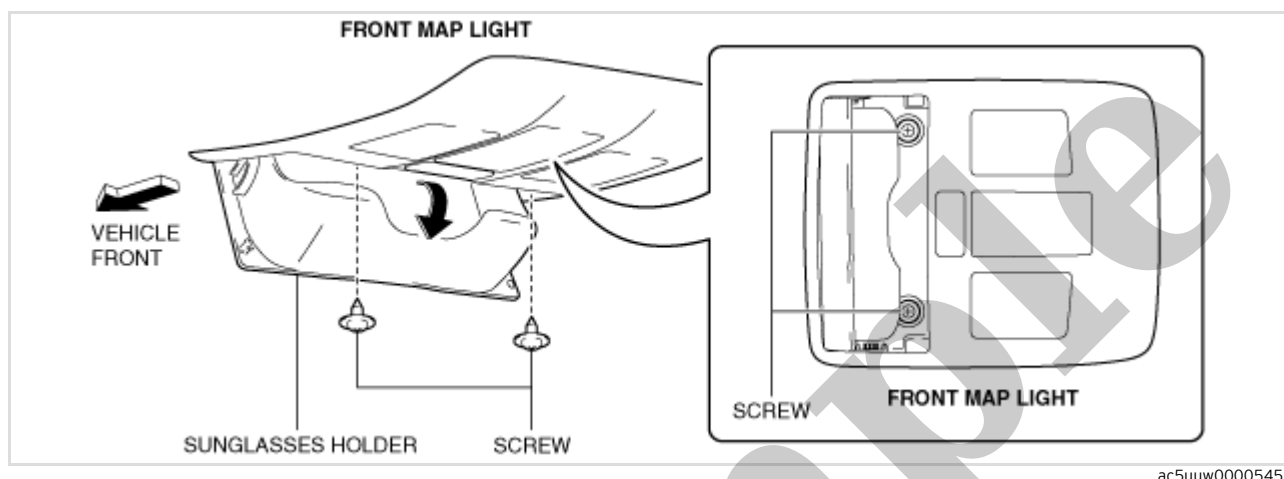
FRONT MAP LIGHT REMOVAL/INSTALLATION

SM2899537

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1. Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

2. Open the sunglasses holder.

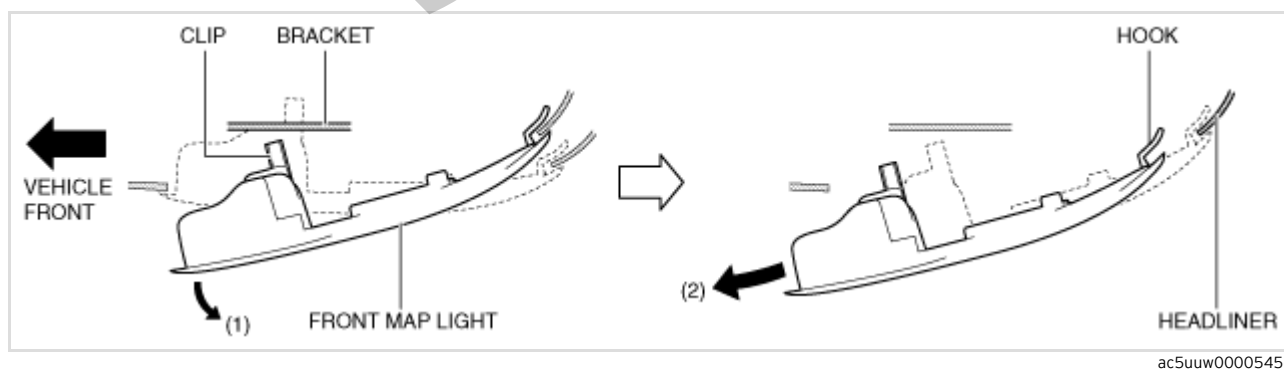


3. Remove the screws.

Caution

- Be careful not to pull the connector out strongly when removing the front map light. Otherwise, the contact surface of the wiring harness secured to the headliner will come off and the wiring harness could be pulled out. If the front map light is installed with the wiring harness pulled out, the wiring harness could get caught between the headliner and front map light bracket resulting in an open or short circuit in the wiring harness.

4. Pull the front map light in the direction of arrow (1) shown in the figure and pull out the clip of the front map light from the bracket.



5. Move the front map light in the direction of arrow (2) shown in the figure and pull out the front map light hooks from the headliner.

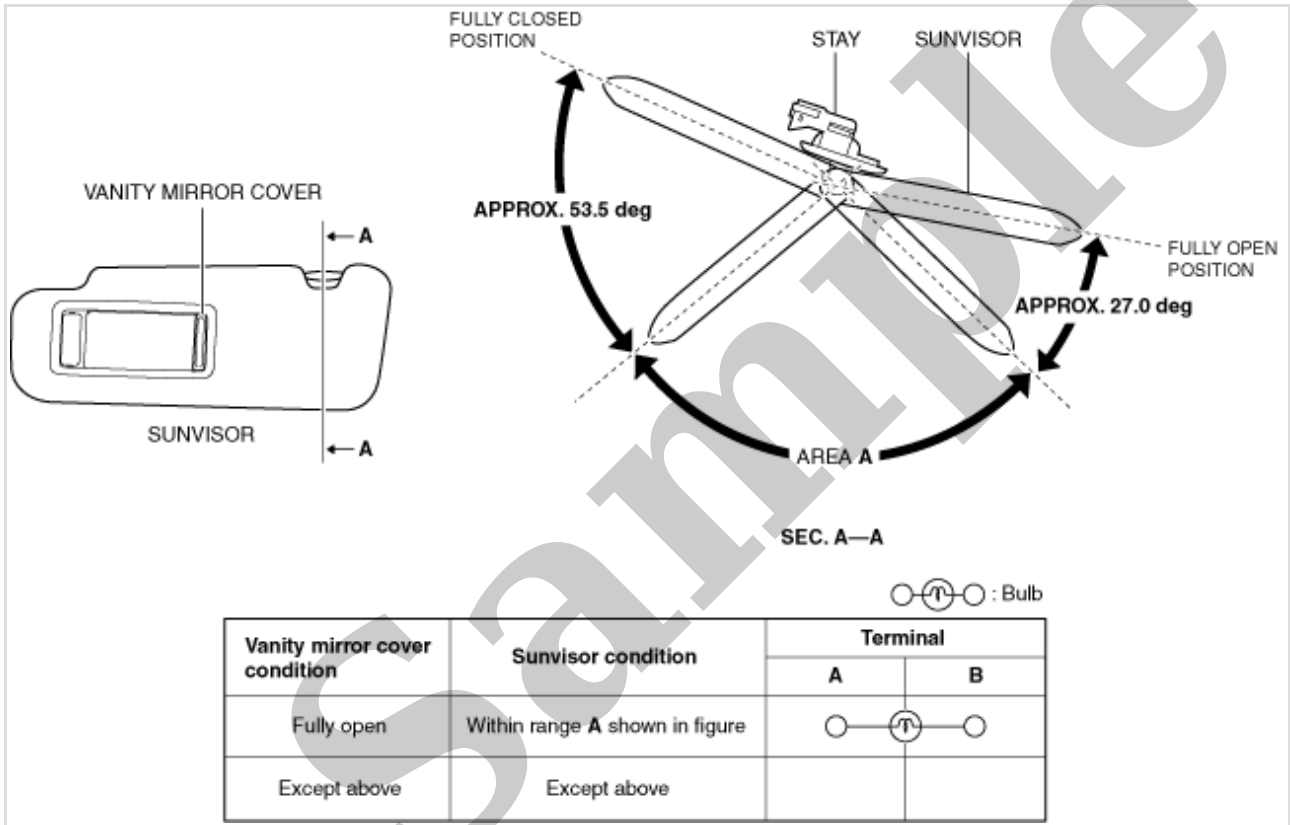
Caution

VANITY MIRROR ILLUMINATION INSPECTION

SM2899539

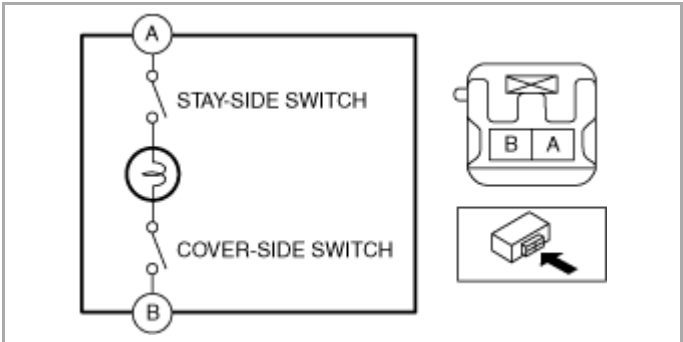
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- 1.Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))
- 2.Remove the sunvisor. (See [SUNVISOR REMOVAL/INSTALLATION.](#))
- 3.Verify that the continuity between the vanity mirror illumination terminals is as indicated in the table.



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Bulb type



ac9uuw00008333

LED type