

Radiator Shell Illuminated With LED
Band Partially Or Completely Inoperative

Topic number	LI88.20-P-079404
Version	1
Function group	88.20 - Bumpers
Date	7/30/25
Validity	Model series 214 with code 5B6 (illuminated radiator shell)
Reason for change	

Complaint

"Standing Lights Inoperative" instrument cluster message.

Attachments	
File	Description
Bild 1.jpg	Left side of vehicle LED modules inoperative, illumination darker than on the right side of vehicle
	

Cause

Radiator shell illuminated with LED modules partially (one side of the illuminated radiator shell lights up darker) or completely inoperative (radiator shell does not illuminate).

Remedy

Please create a TIPS case with photos of the issue and send to the Body/Chassis/Entertainment inbox. The damaged part may be required for further analysis.

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a

symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms

Lighting > Exterior lights > Standing/parking lights > Standing lights > Malfunction

Lighting > Exterior lights > Standing/parking lights > Parking lights > Malfunction

Lighting > Exterior lights > Driving lights > Position lamp > Malfunction

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2148804501			Radiator shell	1	illuminated	X
A2148806001			Radiator shell	1	illuminated	X
A2148804403			Radiator shell	1	illuminated	X
A2148806902			Radiator shell	1	illuminated	X
A2148807102			Radiator shell	1	illuminated	X

Control unit/fault code

Control unit	Fault text
E2n14 - Right LED headlamp range control (SG-SW-R) (HLI_FR223)	B285700 - The output for standing light 1 has a malfunction. _ B1E4C91 - Output 5 for the LED channel has a malfunction. The parameter is outside the permissible range. B1E4C84 - Output 5 for the LED channel has a malfunction. There is a signal below the permissible limit value. B1E4C49 - Output 5 for the LED channel has a malfunction. There is an internal electrical fault. B1E4C13 - Output 5 for the LED channel has a malfunction. There is an open circuit. B1E4C12 - Output 5 for the LED channel has a malfunction. There is a short circuit to positive. B1E4C11 - Output 5 for the LED channel has a malfunction. There is a short circuit to ground.
E1n14 - Left LED headlamp range control (SG-SW-L) (HLI_FL223)	B1E4C11 - Output 5 for the LED channel has a malfunction. There is a short circuit to ground. B1E4C91 - Output 5 for the LED channel has a malfunction. The parameter is outside the permissible range. B1E4C84 - Output 5 for the LED channel has a malfunction. There is a signal below the permissible limit value. B1E4C49 - Output 5 for the LED channel has a malfunction. There is an internal electrical fault.

	B285700 - The output for standing light 1 has a malfunction. _ B1E4C13 - Output 5 for the LED channel has a malfunction. There is an open circuit. B1E4C12 - Output 5 for the LED channel has a malfunction. There is a short circuit to positive.
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
		H	880B5	Top radiator shell LED module, also valid for 880B6 bottom radiator shell LED module