

Adaptive functions, MULTIBEAM LED

Intelligent Light System function (Canada)

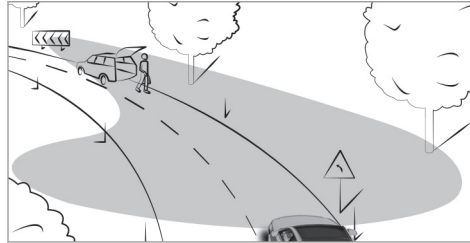
The MULTIBEAM LED headlamps adapt to the driving and weather situation and provide extended functions for improved illumination of the road.

The system comprises the following functions:

- Active headlamps (→ page 129)
- Cornering light (→ page 129)
- Highway mode (→ page 130)
- Enhanced fog light function (→ page 130)
- Adverse weather light (→ page 130)
- City lighting (→ page 130)

The system is active only when it is dark.

Active headlamps function (Canada)



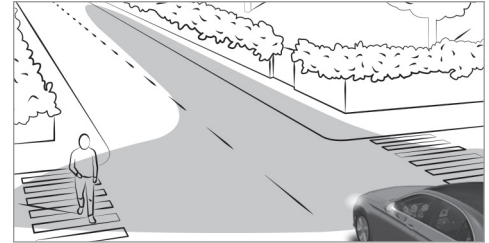
Functions of the active headlamps:

- The headlamps follow the steering movements.
- Relevant areas are better illuminated during a journey.

The functions are active when the low beam is switched on.

Depending on the vehicle's equipment, the course of the lane in which you are driving will also be evaluated and the active headlamps function will adjust the light in advance.

Cornering light function



The cornering light improves the illumination of the road over a wide angle in the turning direction, enabling better visibility on tight curves, for example. It can be activated only when the low beam is switched on.

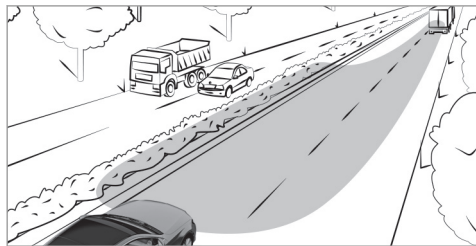
The function is active in the following cases:

- At speeds below 25 mph (40 km/h) when the turn signal light is switched on or the steering wheel is turned
- At speeds between 25 mph (40 km/h) and 43 mph (70 km/h) and when the steering wheel is turned

Roundabout and intersection function: the cornering light will be activated on both sides based on an evaluation of the vehicle's current GPS position. It will remain active until after the vehicle has left the roundabout or the intersection.

Highway mode function (Canada)

Highway mode increases the range and brightness of the cone of light, enabling better visibility.



The function is active if a freeway journey is detected by means of:

- The vehicle's speed

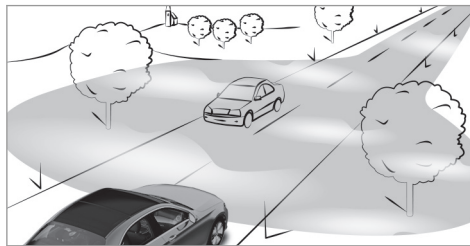
- The multifunction camera
- Or the navigation system

The function is not active in the following cases:

- At speeds below 50 mph (80 km/h)

Enhanced fog light function (Canada)

The enhanced fog light function reduces reflections and improves the illumination of the edge of the road.



The function is automatically activated under the following conditions:

- At speeds below 43 mph (70 km/h) and when the rear fog light is switched on.

The function is automatically deactivated under the following conditions:

- At speeds above 62 mph (100 km/h) after activation.
- When the rear fog light is switched off.

Function of the adverse weather light (Canada)

The adverse weather light reduces reflections in rainy conditions by dimming individual LEDs in the headlamps. The driver and other road users are blinded less as a result.

The city lighting function (Canada)

City lighting improves the illumination of road-sides in urban areas using a broad distribution of light.

The function is active in the following cases:

- At low speeds
- In illuminated parts of urban areas

Switching the Intelligent Light System on/off (Canada)

Requirements:

- The ignition is switched on.

Multimedia system:

→  » Settings » Light
» Intelligent Light System

▶ Activate or deactivate the function.

Adaptive Highbeam Assist

Adaptive Highbeam Assist function

⚠ WARNING Risk of accident despite Adaptive Highbeam Assist

Adaptive Highbeam Assist does not react to:

- Road users without lights, e.g. pedestrians
- Road users with poor lighting, e.g. cyclists
- Road users whose lighting is obstructed, e.g. by a barrier

On very rare occasions, Adaptive Highbeam Assist may fail to recognize other road users with their own lighting, or may recognize them too late.

In these, or in similar situations, the automatic high beam will not be deactivated or will be activated despite the presence of other road users.

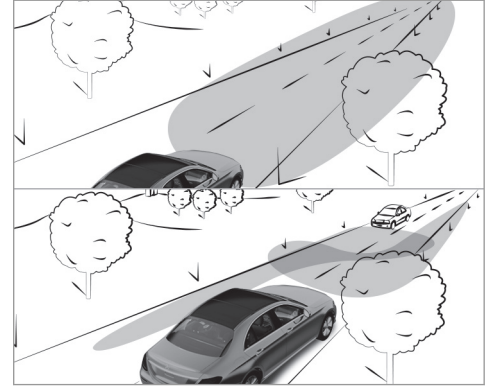
▶ Always observe the road and traffic conditions carefully and switch off the high beam in good time.

Adaptive Highbeam Assist cannot take into account road, weather or traffic conditions.

Detection may be restricted in the following cases:

- In poor visibility, e.g. fog, heavy rain or snow
- If there is dirt on the sensors or the sensors are obscured

Adaptive Highbeam Assist is only an aid. You are responsible for adjusting the vehicle's lighting to the prevailing light, visibility and traffic conditions.



Adaptive Highbeam Assist automatically switches between the following types of light:

- Low beam
- High beam

At speeds greater than 19 mph (30 km/h):

- If no other road users are detected, the high beam will be switched on automatically.

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The high beam will switch off automatically in the following cases:

- At speeds below 16 mph (25 km/h)
- If other road users are detected
- If street lighting is sufficient

The system's optical sensor is located behind the windshield near the overhead control panel.

Switching Adaptive Highbeam Assist on/off

Switching on


- ▶ Turn the light switch to the  position.
- ▶ Switch on the high beam using the combination switch.
If Adaptive Highbeam Assist is activated, the  indicator lamp will light up on the multifunction display.

Switching off

- ▶ Switch off the high beam using the combination switch.

Adaptive Highbeam Assist Plus

Adaptive Highbeam Assist Plus function (Canada)

 **WARNING** Risk of accident despite Adaptive Highbeam Assist Plus

Adaptive Highbeam Assist Plus does not react to:

- Road users without lights, e.g. pedestrians
- Road users with poor lighting, e.g. cyclists
- Road users whose lighting is obstructed, e.g. by a barrier

On very rare occasions, Adaptive Highbeam Assist Plus may fail to recognize other road users with their own lighting, or may recognize them too late.

In these, or in similar situations, the automatic high beam will not be deactivated or will be activated despite the presence of other road users.

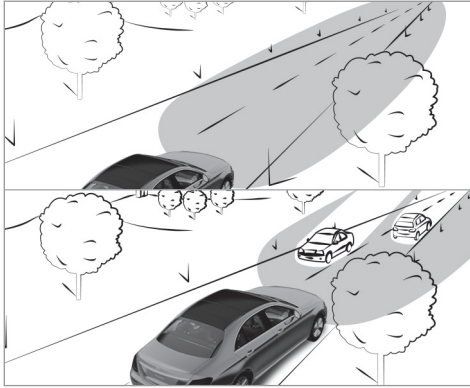
- ▶ Always observe the road and traffic conditions carefully and switch off the high beam in good time.

Adaptive Highbeam Assist Plus cannot take into account road, weather or traffic conditions.

Detection may be restricted in the following cases:

- In poor visibility, e.g. fog, heavy rain or snow
- if there is dirt on the sensors or the sensors are obscured

Adaptive Highbeam Assist Plus is only an aid. You are responsible for adjusting the vehicle's lighting to the prevailing light, visibility and traffic conditions.



Adaptive Highbeam Assist Plus automatically switches between the following types of light:

- Low beam
- Partial high beam
- High beam
- ULTRA RANGE Highbeam

ULTRA RANGE Highbeam increases the brightness of the cone of light to the legally permitted maximum.

Partial high beam does not include other road users in the high beam area. It does not blind them but enables full high beam illumination for the driver apart from the excluded vehicles.

At speeds below 16 mph (25 km/h) or when there is sufficient street lighting:

- The partial high beam and the high beam will be switched off automatically.

At speeds greater than 19 mph (30 km/h):

- If no other road users are detected, the high beam will be switched on automatically.
- If other road users are detected, the partial high beam will be switched on automatically.

At speeds above 25 mph (40 km/h):


- If no other road users are detected on a straight road, ULTRA RANGE Highbeam will be switched on automatically.
- If other road users are detected, the partial high beam will be switched on automatically.

- If highly reflective signs are detected, ULTRA RANGE Highbeam will be switched off automatically.

The system's optical sensor is located behind the windshield near the overhead control panel.

Switching Adaptive Highbeam Assist Plus on/off (Canada)

Switching on

- ▶ Turn the light switch to the **AUTO** position.
- ▶ Switch on the high beam using the combination switch.
When the high beam is switched on automatically in the dark, the  indicator lamp on the multifunction display will light up.

Switching off

- ▶ Switch off the high beam using the combination switch.

Setting the low beam (vehicles with MULTI-BEAM LED headlamps only)

Multimedia system:

-  >> Settings >> Light
- >> Low-beam Headlamps

- ▶ Select Right-side Traffic, Left-side Traffic or Automatic.

Switching the daytime running lamps on/off


Multimedia system:

-  >> Settings >> Light
- >> Daytime Run. Lights

- ▶ Switch the function on or off.

Setting the exterior lighting switch-off delay time

Requirements:

- The light switch is in the  position.

Multimedia system:

-  >> Settings >> Light
- >> Exterior Lighting Delay

- ▶ Set the switch-off delay time.
When the vehicle engine is switched off, the exterior lighting will be activated for the set time.

Switching the surround lighting on/off

Multimedia system:

-  >> Settings >> Light
- >> Locator Lighting

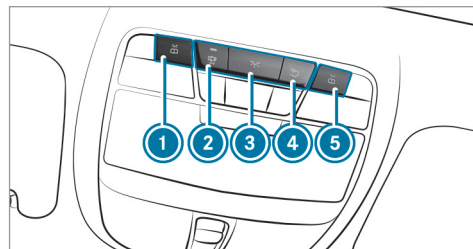
When **Locator Lighting** is active, the exterior lighting lights up for 40 seconds after the vehicle is unlocked. When you start the vehicle, the surround lighting is deactivated and the automatic driving lights are activated.






- ▶ Activate or deactivate the function.

Interior lighting

Adjusting the interior lighting

Front overhead control panel



- ①  Front left reading lamp
- ②  Automatic interior lighting control
- ③  Front interior lighting
- ④  Rear interior lighting
- ⑤  Front right reading lamp

- ▶ **To switch on/off:** press button ① - ⑤ accordingly.