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Dimmable illumination provides backlighting to switches and control components when the headlamps or parking lamps are on. The level of intensity is adjusted by pressing the illumination dim up switch to increase the intensity or the dim down switch to decrease the intensity. The illumination components can be controlled directly (non-networked) or indirectly (networked) by a module.

Non-dimmable illumination is non-networked and provides backlighting to the window switches with the ignition ON or OFF while the accessory relay is energized.

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System Operation

DESCRIPTION AND OPERATION > INSTRUMENT PANEL AND INTERIOR SWITCHES ILLUMINATION - SYSTEM OPERATION AND COMPONENT DESCRIPTION > NETWORK MESSAGE CHART

Module Network Input Messages - APIM, DDM, FCIM,, GWM, IPC and PDM.

Broadcast Message	Originating Module	Message Purpose
Illumination Dimming Level	BCM	Used to command the illumination dimming level for networked modules and outputs that are hardwired to networked modules.

Networked Illumination Operation

The dimmable switches and components are illuminated when the parking lamps are on. The system-wide illumination dimming level is determined by the BCM. Based on the ambient light level input from the light sensor and the requested illumination dimming level input from the dimmer switch, the BCM calculates the correct dimming level. The BCM sends the illumination dimming level message to the GWM on the HS-CAN1.

The GWM distributes illumination messages to the following components:

HS-CAN1

- ICM

MS-CAN