

BUMBLEBEE

The Bumblebee headlight module delivers an even, streak-free light pattern that greatly improves the driver's vision. This ECE-approved headlight module comes in high beam and low beam versions, specifically designed and optimized for heavy-duty vehicles. Thanks to the well-balanced color temperature, the driver will stay alert longer. The Bumblebee's exceptional light output in combination with the long light range places it among the top of the currently available options on the market.



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

TECHNICAL DATA

Colour Temperature	5800 K	Body / Housing	Aluminum
Nominal Voltage DC	12 V 24 V	Weight	0.95 kg
Input Voltage DC	9 - 32 V	IP Rating	IP68, IP6K9K
Power Consumption	High Beam 18W, Low Beam 18W	Salt Spray Test	ISO 9227 240H
Nominal Current at	High/Low Beam 1.5 A@12V, 0.75 A@24V	EMC	CISPR 25 Class 5, ISO 13766, ISO 14982, ISO 7637-2, ISO 10605, ISO 11452, EN 61000-4-2, EN 13309
Connector	Built-in Deutsch DT-2 (2-pin)	ECE Approvals	Driving Beam: ECE R149 (Class B), Passing Beam Symmetric: ECE R149 (Class DS)
Mount	3 pcs M6 screw	Operating Temperatures	-40°C... +85°C (Full Power -40°C... +50°C)
Shock	60G	Electronics	Isolated
Vibration	6Grms 24-1000Hz	Part Numbers	High Beam: 960-432B (ECE R149), Low Beam Symmetric: 960-434B (ECE R149)
Lens	Glass		

CONNECTORS

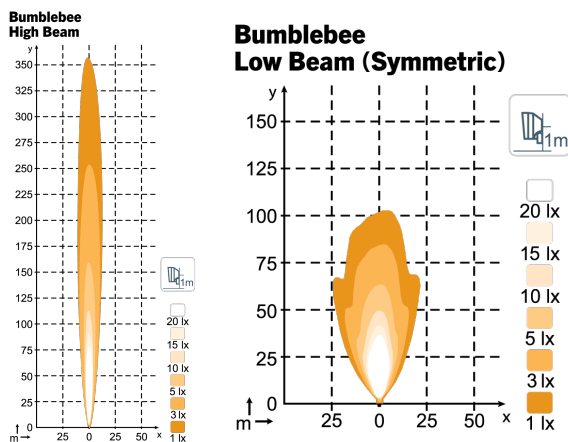


Built-in Deutsch DT-2 (2-pin)

KEY FEATURES

- ECE-approved module
- Easily adapted to your custom design
- Light pattern optimized for heavy-duty vehicles

LIGHT PATTERNS



DRAWINGS

