

# What is the function of the light-finding module



## Overview

The Lightseeking sensor Module can be used on a smart car robot for the experiment about light seeking. Since the resistance of a photoresistor decreases with stronger light, the car can be controlled to move based on the resistance change, that is, to seek for the light and follow it. Also the. The present invention pertains to a light receiving element and a range-finding module with which it is possible to improve characteristic features thereof. The light receiving element is provided with: an on-chip lens; a wiring layer; a first substrate interposed between the on-chip lens and the. With emphasis on highly portable light weight and low power design and use of state of art sensing techniques, Instro's North finding modules overcome the limitations of bulky gyro-compasses and associated batteries and enable inaccurate DMC based EO sensors to be used for CAT-1 applications. Light sensors come in different. Chances are, the lighting control module (LCM)—also known as the footwell module (FRM) in BMW models—is the root cause.



## Article Content

Aug 05, 2025

The North Finding Module

NAVIGATION is a quarterly journal published by the Institute of Navigation. The journal publishes original, peer-reviewed articles on all aspects of positioning, navigation, and timing. The

Dec 12, 2025

laser Rangefinder Modules - Newcon Optik

The module can be effectively used in marine navigation, long-range reconnaissance, naval and coast guard patrol, and other professional applications requiring highly accurate, long distance

Aug 25, 2025

What Is Power Monitor Module In Fire Alarm System

The module is capable of detecting changes in both the voltage and current supplied to the system, and it is programmed to alert at the very first sign of trouble.

Mar 25, 2026

THE NORTH FINDING MODULE

Article Abstract THE NORTH FINDING MODULE Lawrence W. Stimac, John R. Washburn, and Gregory S. Routson Peer Reviewed

Sep 01, 2025

RANGE FINDING MODULE

In this module, a gap is formed between the light blocking wall and the substrate so that the lower surface of the light blocking wall does not come into contact with the substrate.

Oct 08, 2025

Retrofits, Upgrades and Parts for BMW | BimmerTech

Looking for a BMW upgrade that will have an OEM look and feel, but won't cost a fortune? BimmerTech is definitely your go-to place to do the mods you've been dreaming about.

Apr 03, 2026

LIGHT-RECEIVING ELEMENT AND RANGE FINDING MODULE

(54) LIGHT-RECEIVING ELEMENT AND RANGE FINDING MODULE (57) The present technology relates to a light-receiv-ing element and a distance measurement module which are capable of

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What Is An Optical Link Module? Use Case & Function

Discover what an Optical Link Module is, how it functions, and its key use cases in modern communication systems. Learn more to enhance your network's

Jan 22, 2026

IDSS-Homepage | Instro North Finding

Optimised for use by dismounted forces where physical size and weight of equipment is a critical consideration, the digital magnetic compass module is both lightweight and compact. Proven

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Laser Ranging Finder: Working Principles, Technical Classification ...

I. What is a laser ranging finder? A laser ranging finder is an instrument that utilizes a laser beam to precisely measure the distance to a target. Early distance meters had relatively single

Jul 22, 2025

Photodetector

A photodetector salvaged from a CD-ROM drive. The photodetector contains three photodiodes, visible in the photo (in center). Photodetectors, also called photosensors, are devices that detect light or

Apr 30, 2026

LDR sensor with Arduino - How to use (with examples)

LDR Configurations Light Dependent Resistors can be purchased in its stand-alone form, or as a module. For the stand-alone you will need a resistor

Aug 08, 2025

What Is a Lighting Control Module? Benefits, How to

Read this article to find out what the lighting control module is, what it does, how to reset it, and more.

Aug 23, 2025

LDM #392: Thales Optronics GPS North Finding Module

LDM #392: Thales Optronics GPS North Finding Module - Part 1: teardown Le labo de Michel 43.9K subscribers [Subscribe](#)

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Where is the Daytime Running Light Module Located:

The daytime running light module is typically located behind the instrument panel, near the fuse box, or behind the glove compartment in some

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FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Mar 23, 2026

Internal Structure of Optical Modules

The internal design of an optical module aims to ensure efficient and stable electro-optical conversion while addressing factors like heat dissipation, protection, and cost.

May 26, 2026

North-Finding Module Evaluation.

The Litton north-finding module (NFM) provides, as its name implies, virtually automatic sensing of true north. The azimuth heading of the NFM is determined by a gyrocompass basically consisting of a

Sep 28, 2025

LaserWorks Laser Rangefinder Modules

LaserWorks Laser Rangefinder Modules Laser rangefinder modules are devices used to measure the distance between the module and a target object by using laser technology. These modules find

Dec 11, 2025

Light Sensors - Working Principles, Types, and Application

Light sensors find applications in a wide range of fields, from consumer electronics to industrial automation. Let's explore some of the most

Apr 24, 2026

Light Detection using light Detecting Sensor Module

Light detecting sensor module Working Principle, Pin out Diagram, Testing of the module and How to use this module for different Types of

Sep 18, 2025

What are the Functions of Intelligent Lighting Control Module?

All kinds of intelligent modules are connected to the intelligent central controller by wired or wireless means to receive the centralized control instructions of the central controller. The

Jul 03, 2025

Lighting Control Module: Functions, Issues & Diagnosis

Learn what a lighting control module (LCM/FRM) is, its functions, common issues & how to diagnose/reset it with the VD70 tool. Ideal for technicians—supports BMW, VW & 22 languages.

Apr 18, 2026

Lighting Control Module: Functions, Issues & Diagnosis

A lighting control module (LCM) is an electronic component that acts as the "brain" of a car's lighting system. It processes signals from various sensors and switches to regulate the

Aug 05, 2025

WO2020017340A1

The present invention pertains to a light receiving element and a range-finding module with which it is possible to improve characteristic features thereof.

Feb 24, 2026

Principles and Applications of Laser RangeFinder

1. Core Principles Laser ranging modules measure distance using light-speed physics: Pulsed Time-of-Flight (ToF): Emits short laser pulses

Feb 11, 2026

What Is a Body Control Module (BCM)?

The body control module (BCM) is a critical electronic control unit (ECU) in modern vehicles, managing various body-related functions. This article explores its role, functionalities,

May 20, 2026

RF module offers Bluetooth direction finding

Aimed at IoT, the ISP1907-LL RF module from Insight SiP provides Bluetooth 5.1 communication for long-range direction-finding connectivity.

## Contact Us

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