

Color Sensor



Product number:	45506
Product name:	LEGO® MINDSTORMS® Education EV3 Color Sensor
Age:	10-21
Theme:	LEGO® MINDSTORMS® Education
Related products:	45500, 45501, 45502, 45503, 45504, 45505, 45507, 45508, 45509, 45514, 45515, 45516, 45544, 45560, 2000045, 2000046, 2005544
Product text:	The digital EV3 Color Sensor distinguishes between eight different colors. It also serves as a light sensor by detecting light intensities. Students can build color sorting and line-following robots, experiment with light reflection of different colors, and gain experience with a technology that is widely used in industries like recycling, agriculture and packaging.

Technical Specifications

Measures reflected red light and ambient light from dark to bright sunlight

Capable of detecting eight colors. It can tell the difference between color or black and white, or between blue, green, yellow, red, white and brown

Sample rate of 1 kHz

Auto-ID in the EV3 software



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education **EV3**