

# LEGO® Education SPIKE™ Essential Technical Specifications

## LEGO® Technic™ 3×3 Color Light Matrix



<b>Hardware name</b>	LEGO® Technic™ 3×3 RGB Light Matrix
<b>Description</b>	The RGB Light Matrix is a programmable light matrix with the capability to turn on each segment separately and in different colors.
<b>Key features</b>	<ul style="list-style-type: none"><li>• 3X3 RGB LED matrix display</li><li>• 9 RGB LEDs</li><li>• Each LED is programmable in 10 different colors</li><li>• Each LED can be dimmed in 10-step increments</li><li>• The transitions between 2 frames can be instant (standard), faded, or swiped</li><li>• The Light Matrix has a Technic build geometry that allows for versatile building and easy integration into models</li></ul>
<b>Connector type</b>	LEGO® Power Functions 2.0 (LPF2) for connection to LEGO Smarthubs.
<b>Wire length</b>	250 mm

The LEGO® Education SPIKE™ App might not support all hardware features and functionalities.



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