










LED Color	Dino-Lite Model	Excitation	Emission Filter	Uses
<b>Green</b> 	AM4113T-YFGW	525nm	570nm	<ul style="list-style-type: none"> <li>• observation of orange fluorescence and red fluorescence (DSRed)</li> <li>• visualizing small blood or lymphatic vessels of an organ in microangiography analysis</li> <li>• examining water samples (sea or fresh) to detect certain cyanobacteria that emit fluorescence</li> </ul>
<b>Blue</b> 	AM4113T-GFBW	480nm	510nm	<ul style="list-style-type: none"> <li>• observe green fluorescence (GFP)</li> <li>• viewing smaller specimens (zebra fish and mice) injected with green or red fluorescent proteins research pertaining to oncology, targeted genes, and viruses.</li> <li>• analyze the organization, dynamics and function of nuclei and microtubules in fungal genetics and biology</li> </ul>
<b>Red</b> 	AM4113T-RFYW	575nm	610nm	<ul style="list-style-type: none"> <li>• observation of red fluorescence, mainly MCherry</li> <li>• visualizing small blood or lymphatic vessels of an organ in microangiography analysis</li> </ul>
	AM4113T-CFVW	400nm	430nm	<ul style="list-style-type: none"> <li>• Subcutaneous injuries and wounds on living and deceased bodies, bruising, bite marks, blood spatter, fingerprints, and fibers.</li> </ul>
	AD413T-I2V	395nm/940nm	---	<ul style="list-style-type: none"> <li>• Document Authentication</li> <li>• Fluorescent liquid penetrant inspection</li> </ul>
	AD413T-FVW	390 - 400nm	425nm	<ul style="list-style-type: none"> <li>• Presence of certain substances</li> <li>• Counterfeit currency</li> </ul>
	AM4113T-FV2W	375nm	425nm	<ul style="list-style-type: none"> <li>• Visualization of certain biological stains and dyes</li> </ul>
	AM4113-FVT	390nm-400nm	425nm	<ul style="list-style-type: none"> <li>• Arson Investigation</li> </ul>
	AM413FIT	850nm		<ul style="list-style-type: none"> <li>• IR document analysis</li> <li>• IR fluorescence</li> </ul>