

Defect Definitions

Description	Definition	Maximum	Temperature(s) tested at [°C]	Notes	Test
Major dark field defective pixel	Defect ≥ 148 mV	40	27, 40	1	6
Major bright field defective pixel	Defect ≥ 10 %			1	7
Minor dark field defective pixel	Defect ≥ 76 mV	400	27, 40		6
Dead pixel	Defect ≥ 80 %	5	27, 40	1	7
Saturated pixel	Defect ≥ 340 mV	10	27, 40	1	6
Cluster defect	A group of 2 to 10 contiguous major defective pixels, but no more than 2 adjacent defects horizontally	8	27, 40	1	
Column defect	A group of more than 10 contiguous major defective pixels along a single column	0	27, 40	1	

Notes:

- There will be at least two non-defective pixels separating any two major defective pixels.

Defect Map

The defect map supplied with each sensor is based upon testing at an ambient (27°C) temperature. Minor point defects are not included in the defect map. All defective pixels are reference to pixel 1,1 in the defect maps.