

□ Cell Defect Specifications

Defect	Specification		
	Number of Cell Defects (N)	Distance between two defects (D)	
Non-Ignition Dot ⁽¹⁾ + Unstable Dot ⁽²⁾	A-zone	<ul style="list-style-type: none"> ▶ Total $N \leq 3$ [cells / full screen] ▶ $N \leq 2$ [cells / each R,G,B screen] ▶ $N = 0$ [adjacency of 2-cells / full-white screen] 	<ul style="list-style-type: none"> ▶ A-Zone : $\geq 50\text{mm}$ ▶ B-Zone : $N \leq 2$ (50mm Circle/screen:2points allowed) ▶ A, B Zone overlap:$N \leq 2$ (50mm Circle/screen:2points allowed)
	B-zone	<ul style="list-style-type: none"> ▶ Total $N \leq 10$ [cells / full screen] ▶ $N \leq 4$ [cells / each R,G,B screen] ▶ $N \leq 2$ [adjacency of 2-cells / full-white screen] = 0 [adjacency of 3-cells / full-white screen] 	
Uncontrollable Dot ⁽³⁾	A-zone	▶ $N \leq 2$ [cells / cells/each R,G,B screen]	
	B-zone	<ul style="list-style-type: none"> ▶ Total $N \leq 4$ [cells / full screen] ▶ $N \leq 2$ [cells / each R,G,B screen] 	
Non-Extinguishing Dot ⁽⁴⁾	A-zone	▶ $N = 0$	
	B-zone	▶ $N = 0$	
▶ Total sum of all defects $N \leq 17$ [cells / full-white screen]			

☞1) Non-Ignition Dot(Dark Defect) is defined as "A cell of which more than 50% area is not ignited"

☞2) Unstable Dot (Flickering) is defined as "A cell which repeats On and Off"

☞3) Uncontrollable Dot is defined as "A cell which is distinctly brighter or darker than other cells around it" and/or "A cell of which color is distinctly different from that of other cells around it"

☞4) Non-Extinguishing Dot (brightness defect) is defined as "A cell of which more than 50% area is always ON"

*The decision distance is 3H away from the panel, intensity of illumination is between 100 Lux and 200 Lux.

