



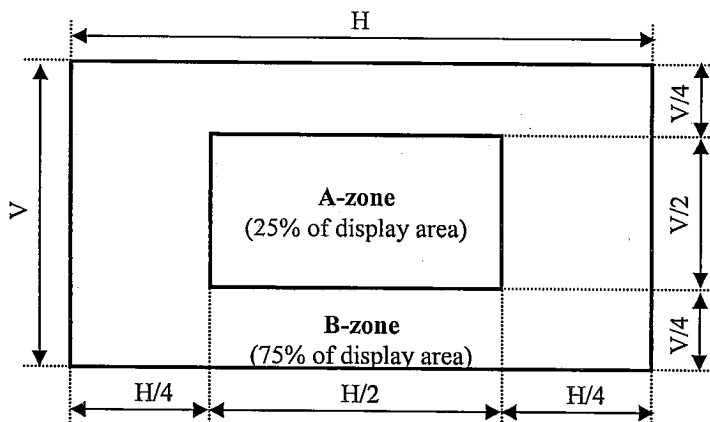
**Product Specification of PDP Module**

**Cell Defect Specifications**

Defect	Specification		
	Number of Cell Defects (N)	Distance between two defects (D)	
Non-Ignition Dot <sup>1)</sup> + Unstable Dot <sup>2)</sup>	A-zone	<ul style="list-style-type: none"> <li>• Total N • 3 [cells / full screen]</li> <li>• N • 2 [cells / each R,G,B screen]</li> <li>• N • 0 [adjacency of 2-cells / full-white screen]</li> </ul>	<ul style="list-style-type: none"> <li>• A-Zone : • 100mm</li> <li>• B-Zone : N • 2 ( 100mm Circle/screen:2points allowed)</li> <li>• A, B Zone overlap:N • 2 ( 100mm Circle/screen:2points allowed)</li> </ul>
	B-zone	<ul style="list-style-type: none"> <li>• Total N • 10 [cells / full screen]</li> <li>• N • 4 [cells / each R,G,B screen]</li> <li>• N • 2 [adjacency of 2-cells / full-white screen]</li> <li>• 0 [adjacency of 3-cells / full-white screen]</li> </ul>	
Uncontrollable Dot <sup>3)</sup>	A-zone	• N • 0 [cells / cells/each R,G,B screen]	
	B-zone	<ul style="list-style-type: none"> <li>• Total N • 4 [cells / full screen]</li> <li>• N • 2 [cells / each R,G,B screen]</li> </ul>	
Non-Extinguishing Dot <sup>4)</sup>	A-zone	• N • 0	
	B-zone	• N • 0	
		• Total sum of all defects N • 10 [cells / full-white screen]	
Stain <sup>5)</sup>	<ul style="list-style-type: none"> <li>• 1 • D • 5, N • 3 (Stain distance : • 50mm)</li> <li>• D • 5, N • 0 (Stain distance : • 50mm)</li> </ul>	• D : mm	

- **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”
- **5) Stain** is defined as “A blob due to local color contamination in white or simple color pattern”

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



**Confidential**