

		LAE029DD3DE	LAE029DD3E	LAE039DD3D	LAE039DD3
PHYSICAL PARAMETERS	Pixel Configuration	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch (mm)	2.97	2.97	3.90	3.90
	Module Resolution (W × H)	84 × 168	84 × 168	64 × 128	64 × 128
	Module Dimensions (W × H, mm)	250 × 500	250 × 500	250 × 500	250 × 500
	Weight per Module (kg)	1.20	1.20	1.20	1.20
	No. of Modules per Unit Case (W × H)	2 × 1	2 × 2	2 × 1	2 × 2
	Unit Case Resolution (W × H)	168 × 168	168 × 336	128 × 128	128 × 256
	Unit Case Dimensions (W × H × D, mm)	500 × 500 × 68	500 × 1,000 × 68	500 × 500 × 68	500 × 1000 × 68
	Unit Case Surface Area (m ²)	0.250	0.500	0.250	0.500
	Weight per Unit Case (kg/unit)	8.2	12.5	8.2	12.5
	Weight per Square Meter (kg/m ²)	32.8	25.0	32.8	25.0
	Physical Pixel Density (pixels/m ²)	112,896	112,896	65,536	65,536
	Flatness of Unit Case (mm)	±0.3	±0.3	±0.3	±0.3
	Unit Case Material	Magnesium	Magnesium	Magnesium	Magnesium
	Service Access	Front or Rear	Front or Rear	Front or Rear	Front or Rear
OPTICAL SPECIFICATIONS	Brightness (After Calibration)	1,200 cd/m ²	1,200 cd/m ²	1,200 cd/m ²	1,200 cd/m ²
	Color Temperature	6,500	6,500	6,500	6,500
	Viewing Angle (H × V)	160 × 160	160 × 160	160 × 160	160 × 160
	Brightness Uniformity	97%	97%	97%	97%
	Color Uniformity	±0.003CxCy	±0.003CxCy	±0.003CxCy	±0.003CxCy
	Contrast Ratio	5,000	5,000	5,000	5,000
	Processing Depth (bit)	14	14	14	14
ELECTRICAL SPECIFICATIONS	Power Consumption (W/Unit, Avg.)	53	110	53	110
	Power Consumption (W/Unit, Max.)	160	330	160	330
	Power Consumption (W/m ² , Max.)	640	660	600	660
	Power Supply (V)	100 to 240	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	1,920	1,920	3,840	3,840
OPERATION SPECIFICATIONS	Lifetime (Half brightness)	80,000	80,000	80,000	80,000
	Operating Temperature (°C)	-10°C to +45°C	-10°C to +45°C	-10°C to +45°C	-10°C to +45°C
	Operating Humidity	0 ~ 80%RH	0 ~ 80%RH	0 ~ 80%RH	0 ~ 80%RH
	IP rating Front	IP30	IP30	IP30	IP30
	IP rating Rear	IP30	IP30	IP30	IP30
CERTIFICATION	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	Environment	RoHS	RoHS	RoHS	RoHS
CONTROLLER		LCIN006	LCIN006	LCIN006	LCIN006

*Specifications are subject to change without notice and the lifetime (Half brightness) spec is subject to LED package spec.