

		LBE080DD3	LBE100DD3
PHYSICAL PARAMETERS	Pixel Configuration	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch (mm)	8.00	10.00
	Module Resolution (W × H)	40 × 30	32 × 24
	Module Dimensions (W × H, mm)	320 × 240	320 × 240
	Weight per Module (kg)	1.30	1.30
	No. of Modules per Unit Case (W × H)	2 × 3	2 × 3
	Unit Case Resolution (W × H)	80 × 90	64 × 72
	Unit Case Dimensions (W × H × D, mm)	640 × 720 × 90	640 × 720 × 90
	Unit Case Surface Area (m ²)	0.461	0.461
	Weight per Unit Case (kg/unit)	17.0	17.0
	Weight per Square Meter (kg/m ²)	36.9	36.9
	Physical Pixel Density (pixels/m ²)	15,625	10,000
	Flatness of Unit Case (mm)	±0.5	±0.5
	Unit Case Material	Aluminum	Aluminum
	Service Access	Front or Rear	Front or Rear
OPTICAL SPECIFICATIONS	Brightness (After Calibration)	5,500 cd/m ²	5,500 cd/m ²
	Color Temperature	6,500	6,500
	Viewing Angle (H × V)	160 × 120	160 × 120
	Brightness Uniformity	≥97%	≥97%
	Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy
	Contrast Ratio	5,000	5,000
	Processing Depth (bit)	14	14
ELECTRICAL SPECIFICATIONS	Power Consumption (W/Unit, Avg.)	100	100
	Power Consumption (W/Unit, Max.)	300	300
	Power Consumption (W/m ² , Max.)	650	650
	Power Supply (V)	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60
	Refresh Rate (Hz)	3,840	3,840
OPERATION SPECIFICATIONS	Lifetime (Half brightness)	80,000	80,000
	Operating Temperature (°C)	-10°C to +45°C	-10°C to +45°C
	Operating Humidity	0 ~ 80%RH	0 ~ 80%RH
	IP rating Front	IP65	IP65
	IP rating Rear	IP54	IP54
CERTIFICATION	Safety	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
	Environment	RoHS	RoHS
CONTROLLER		LCIN006	LCIN006

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