






OLED Lighting Datasheet

Models		Standard (for design purposes) ^{*1}									
		Square Models				Rectangular Models					
		P04B0909L-A12A	P03B0909N-A12A	P04A0404L-A12A	P03A0404N-A12A	P04C1312L-A12A	P03C1312N-A12A	P04D0909L-A12A	P03D0909N-A12A	P04E0606L-A12A	P03E0606N-A12A
Extanals											
Size (W x L x T)	mm	145 x 145 x 2.3		97.6 x 97.6 x 2.1		287 x 97 x 2.3		287 x 74 x 2.3		287 x 59.5 x 2.3	
Active Area (W x L)	cm ²	125 x 125		77.8 x 77.8		264 x 76.8		264 x 53.8		264 x 39.3	
Weight	g	107		43		143		107		84	
Correlated Color Temperatur	K	2,800 (Lamp Color)	4,900 (Natural White)	2,800 (Lamp Color)	4,900 (Natural White)	2,800 (Lamp Color)	4,900 (Natural White)	2,800 (Lamp Color)	4,900 (Natural White)	2,800 (Lamp Color)	4,900 (Natural White)
Maximum Luminous Flux	lm	99	99	40	40	134	134	94	94	68	68
Maximum Luminance	cd/m ²	2,800	2,700	2,800	2,700	2,800	2,700	2,800	2,700	2,800	2,700
Color Rendering Index	Ra	82	81	82	81	82	81	82	81	82	81
Chromaticity Coordinates	(x,y)	(0.45, 0.42)	(0.35, 0.38)	(0.45, 0.42)	(0.35, 0.38)	(0.45, 0.42)	(0.35, 0.38)	(0.45, 0.42)	(0.35, 0.38)	(0.45, 0.42)	(0.35, 0.38)
Rated Current	A	0.90	0.90	0.36	0.36	1.22	1.22	0.85	0.85	0.62	0.62
Rated Voltage ^{*2}	V	10.7	10.5	10.7	10.5	10.7	10.5	10.7	10.5	10.7	10.5
Energy Consumption	W	9.6	9.5	3.9	3.8	13.0	12.9	9.1	8.9	6.7	6.5
Energy Efficiency	lm/w	10.7	10.5	10.7	10.5	10.7	10.5	10.7	10.5	10.7	10.5
Life-time @1000 cd/m ²	h	50,000	100,000	50,000	100,000	50,000	100,000	50,000	100,000	50,000	100,000
50% luminance @3000 cd/m ²	h	10,000	20,000	10,000	20,000	10,000	20,000	10,000	20,000	10,000	20,000
Life-time @1000 cd/m ²	h	25,000	50,000	25,000	50,000	25,000	50,000	25,000	50,000	25,000	50,000
70% luminance @3000 cd/m ²	h	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000
Target Panel Price	€	260	260	115	115	350	350	260	260	210	210
(@€1=¥115)	¥	30,000	30,000	13,000	13,000	40,000	40,000	30,000	30,000	24,000	24,000

<Remarks>

*1 The figures here is subject to be changed without any notice. The panel without an out-coupling film will be a custom-made item.

*2 A constant current power source is needed since a rated current defines a rated voltage. A protection circuit to turn off electricity is needed in case of short circuit. The voltage changes followed by panel temperature. The rated voltages are values under room temperature (23 degrees C).

*3 The above performance data are values obtained when operating at the rated current. Surface temperature of the panel must be not more than 60 degree C.

*4 The above life-time and color shift data are reference values and non-guaranteed values.

*5 The above Panel Price are excluding VAT and transport costs.