

Models			Standard *1					Measurement Procedure
Product Numbers			P05B0405L-A13A	P05A0102L-A13A	P05C0506L-A13A	P05D0304L-A13A	P05E0203L-A13A	
Externals		[Tolerance]						
Size (W x L)	mm	±0.7	145 x 145	97.6 x 97.6	287 x 97	287 x 74	287 x 59.5	Caliper
(T)	mm	±0.30	2.36	2.16	2.36			Micrometer
Active Area (W x L)	mm	±0.5	125 x 125	77.8 x 77.8	264 x 76.8	264 x 53.8	264 x 39.3	Caliper
Weight	g	±10%	107	43	143	107	84	Microbalance
Operating Temperature Range *2	°C	—	5 ~ 40					
Storage Temperature Range	°C	—	-20 ~ 50					
Correlated Color Temperature	K	±15%	2,800 (Warm White)					2D Color Analyzer (UA-1000A)
Maximum Luminous Flux	lm	±15%	145	55	185	130	95	Integrating Sphere, Sprctoradiometer(CS-2000)
Maximum Luminance	cd/m ²	±15%	3,000					2D Color Analyzer (UA-1000A)
Luminance Uniformity	%	—	≤ 15					(Standard Deviation/Average Luminance)
Color Rendering Index		±10%	80					Integrating Sphere, Sprctoradiometer(CS-2000)
Chromaticity Coordinates (x , y)		±0.025	(0.465, 0.425)					2D Color Analyzer (UA-1000A)
Rated Current	A	±0.01	0.45	0.17	0.58	0.41	0.30	Digital Multimeter
Rated Voltage *3	V	—	8.0					Digital Multimeter
Energy Consumption	W	—	3.60	1.36	4.64	3.28	2.40	(Rated Current x Rated Voltage)
Luminous Efficacy	lm/w	—	40					(Maximum Luminous Flux)/(Energy Consumption)
Life-time *4	(L ₀ =1000 cd/m ²)	h	50,000					
LT50	(L ₀ =3000 cd/m ²)	h	10,000					
LT70	(L ₀ =1000 cd/m ²)	h	25,000					
	(L ₀ =3000 cd/m ²)	h	5,000					

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*1 The figures here are subject to be changed without any notice. The above performance data (except for life-time data @1000/cd/m²) are values when operating at the rated current.

*2 Surface temperature of the driving panel must be not more than 50°C.

*3 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.

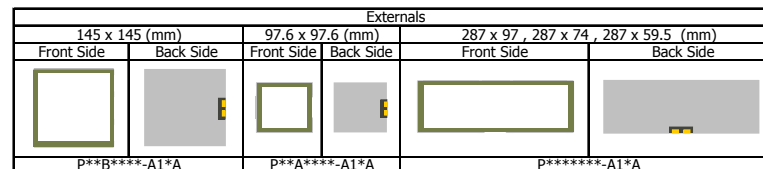
When driven by a constant current, if the voltage applied to the panel is less than 4V , the power should be shut off.

*4 We accept no responsibility for product life-time since the above life-time data are design values.

Product Number System

(ex.) P05 B 04 05 L - A 1 3 A
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Item	Details
① Model	See the specifications above (P07)
② Size (W x L x T)	See the specifications above (A,B,C,D or E)
③ Energy Consumption	See the specifications above
④ Rated Current	See the specifications above
⑤ Color Temperature	L : Warm White (Lump Color)
⑥ Electrode Structure	A
⑦ Heat Sink Type	1
⑧ Out-coupling Film Type	3
⑨ Contact Pattern	A: On center of the long side without lead wire



*Please contact us about contact patterns or lead wires connected to them.

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