

Models			Standard *1					Measurement Procedure
Product Numbers			P06B0508N-A13A	P06A0203N-A13A	P06C0610N-A13A	P06D0507N-A13A	P06E0305N-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%	4,700 (Cool White)					Integrating Sphere, Sprctroradiometer(CS-2000)
Maximum Luminous Flux	lm	±15%	135	52	177	124	91	Integrating Sphere, Sprctroradiometer(CS-2000)
Maximum Luminance	cd/m ²	±15%	3,000					2D Color Analyzer (UA-1000A)
Luminance Uniformity	%	—	≤ 20					(Standard Deviation/Average Luminance)
Color Rendering Index		—	Ra : 93 (Ra≥88)、R9, R13, R15 : 90 (R9,R13,R15≥85)					Integrating Sphere, Sprctroradiometer(CS-2000)
Chromaticity Coordinates (x , y)		±0.020	(0.356, 0.367)					Integrating Sphere, Sprctroradiometer(CS-2000)
Rated Current	A	±0.01	0.78	0.30	1.01	0.71	0.52	Digital Multimeter
Rated Voltage *3	V	—	6.5	6.1	6.5		6.3	Digital Multimeter
Energy Consumption	W	—	5.07	1.83	6.57	4.62	3.28	(Rated Current x Rated Voltage)
Luminous Efficacy	lm/w	—	27	28	27		28	(Maximum Luminous Flux)/(Energy Consumption)
Life-time *4	(L ₀ =1000 cd/m ²)	h	120,000					
LT50	(L ₀ =3000 cd/m ²)	h	24,000					
LT70	(L ₀ =1000 cd/m ²)	h	60,000					
	(L ₀ =3000 cd/m ²)	h	12,000					

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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.

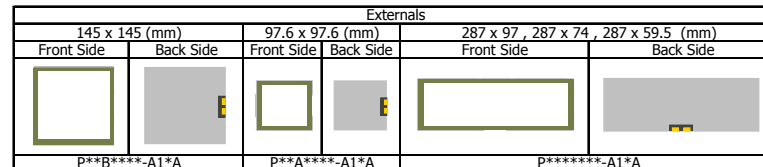
When driven by a constant current, if the voltage applied to the panel is less than 4V , the power should be shut off.

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

Product Number System

(ex.) P06 B 05 08 N - 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	N : Cool (Natural) White
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.

Lumiotec Inc.

Address : 4149-8, Hachimanpara 5-chome,
Yonezawa-shi, Yamagata, 992-1128 JAPAN

E-mail : lumiotec-support@lumiotec.com

Web Site : <http://www.lumiotec.com>