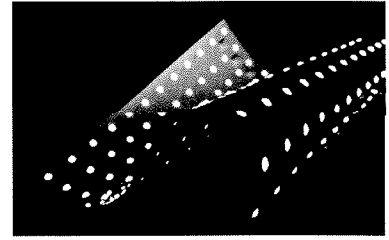


Product Specification

1. Model : Paper Lighting System

P45A-4812W-ND (with aluminum board)
 P45B-4812W-ND (without aluminum board)



2. Coverage :

This product specification explains regulations for 450 size of Paper Lighting System.

3. Structure & Dimensions

	Standard 12 lines	6 lines	5 lines	4 lines	3 lines	2 lines
(1)Size (mm) :	450 x 450	450 x 225	450 x 187.5	450 x 150	450 x 112.5	450 x 75
(2)Thickness(mm) :	4mm					
(3)Number of LEDs(pcs) :	144	72	60	48	36	24
(4)Length of LED's pitch :	37.5mm					
(5)Current (A) :	0.24	0.12	0.1	0.08	0.06	0.04
(6)Input Voltage (V):	DC48V					
(7)Max electricity consumption(W)	11.52	5.76	4.8	3.84	2.88	1.92

4. Electrical and Optical Characteristics

- (1)Supply voltage(V) : DC48V
- (2)Input current(A) : 0.24A
- (3)Power consumption(W): Max. approx. 12W
- (4)Color : Cool White (7000-9000K) & Warm White (2850-3150k)
- (5)Lumens : 557lumens(Numerical value is for reference. It is not secured value.)

5. Operating conditions

- (1)Surrounding Temperature : -20°C ~ +60°C
- (2)Surrounding Humidity : below 80%
- (3)Acquired standards : IP-58 approval, however it is not for underwater usage.
RoHS applicable.
- (4)Usage Environment : Indoors/Outdoors, drip-proof

6. Estimated Life

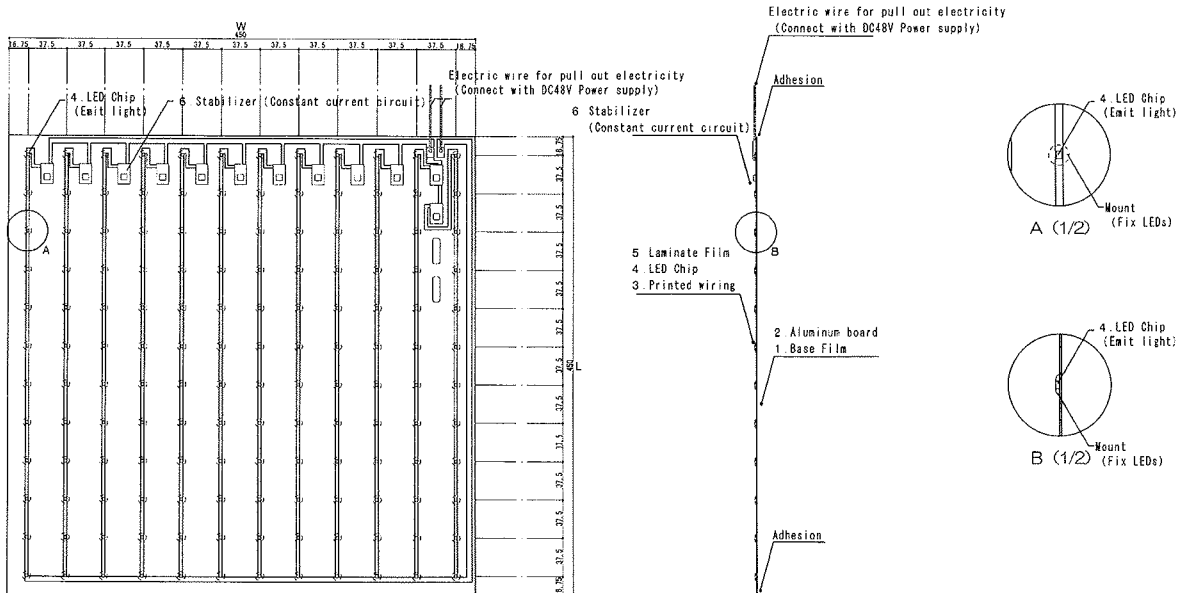
Approximately 40,000 hours

Life is the mean value at lighting time to decrease until 70% against original luminous flux under continuous lighting in 25°C indoor temperature. In addition, it is not secured value.

7. Warning

- (1)Please handle the product according to our "P-Light Operating Manual".
- (2)Please avoid to use at the following places, such as a)place which will occur the corrosive gas, b)place which has much dust, c)place which will fear the ignition, d)place which will be feared to be underwater.

8. Drawing



Please note that content described may be changed without an advance notice.