



**Reliability test report**

**LT P/N LT264WH-A-Q**

# SHEN ZHEN SHI L.T PHOTOELECTRICITY TECHNOLOGY CO., LTD

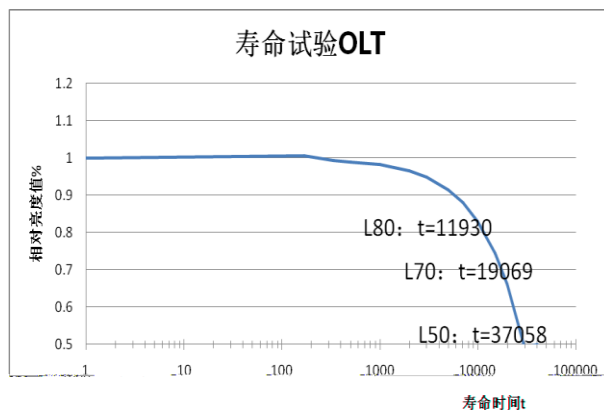
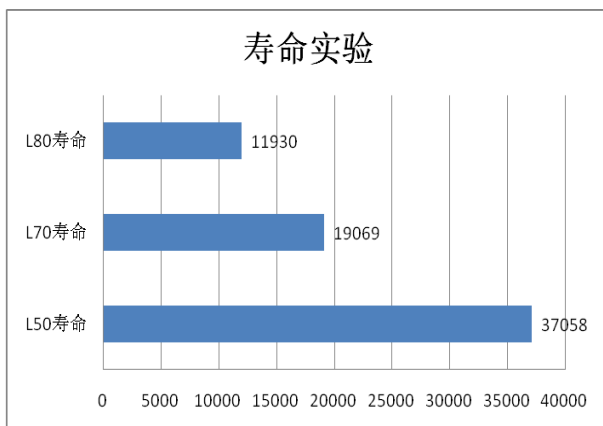
**1000H**

**lv**

Test Item	lv Test time and brightness relation rate.					Fail No.	Conclusion	Remark
	0hr	168hrs	336hrs	500hrs	1000hrs			
(OLT)	100.000%	101.002%	99.972%	99.424%	98.130%	0	Pass	(Test Condition) : IF =20mA; 1000Hrs

Data Set ----25 20mA	
Part Number:	<b>LT264WH-A-Q</b>
Number of Units:	20pcs
Actual Case Temperature(TS):	TS=26.2
Actual Ambient Temperature(TA):	TA=25.1
Life Test Drive Current	IF=20mA

	L50	L70	L80
<b>LT264WH-A-Q</b>	37058	19069	11930



# SHEN ZHEN SHI L.T PHOTOELECTRICITY TECHNOLOGY CO., LTD

LED 50% LED LED1000  
MTBF .

$$R(\%) = [e^{-}]$$

LED  
1000  
2.7183

50%/70%/80%

$$R(\%) = [e^{-}]$$

$$= [2.7183^{-(0.0187/1000\text{hrs}) t}]$$

$$= 50\%/70\%/80\%$$

50% LED

$$t = \text{[REDACTED]}$$

$$= -\frac{\ln(50\%)}{(0.0187/1000\text{hrs})}$$

$$= 37058\text{hrs}$$