深 圳 市 昱 申 科 技 有 限 公 司
CHINA YOUNG SUN LED TECHNOLOGY CO., LTD.
TEL: (86) 755-28079401 28079402 28079403 28079404 28079405
FAX: (86) 755-28079407 E-mail: info@100LED.com Web: www.100LED.com

Model No.: YSD-1100AR7B-15

Applications:

- Moving Message Display
- Banking Board
- Digital Display
- Full Color Display
- Score Boards

LED Chip Absolute Maximum Ratings: (Ta=25℃)

Itemes	Symbol	Absolute Maximum Rating	Unit
Forward current	I_F	20	mA
Peak forward current(Duty Cycle=1/10, 10KHz)	I_{PF}	30	mA
Reverse Current (V_R= 5V)	I_R	10	μA
Operating temp	T_{OPR}	-25 - 85	℃
Storage temp	T_{STG}	-30-85	℃
Peak Emission Wavelength	λ_{PH}	644	nm

* Soldering Bath: not more than 5 seconds @260 ℃.The bottom ends of the plastic reflector should be at least 2mm above the solder surface

Soldering Iron: not more than 3 seconds @300 ℃ under 30W

LED Chip Typical Electircal & Optical Characteristics: (Ta=25 ℃)

ITEMS	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	I_F= 20mA	11.6	12	12.4	V
Luminous Intensity	I_V	I_F= 20mA	200		300	mcd
Wavelength	$\Delta\lambda$	I_F= 20mA	640	642	644	nm
Light Degradation after 1000 hours		-4.68% ~ -8.27%				

Address: 5/F, Building B, Anzhilong Indl., Qinghua East Road., Longhua Town, Shenzhen CHINA. 518109

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Mechanical Dimensions:

- All dimension are in mm, tolerance is ±0.2mm unless otherwise noted
- An epoxy meniscus may extend about 1.5mm down the leads.

Unit: mm





