LED KING LIGHTING DISTRIBUTION
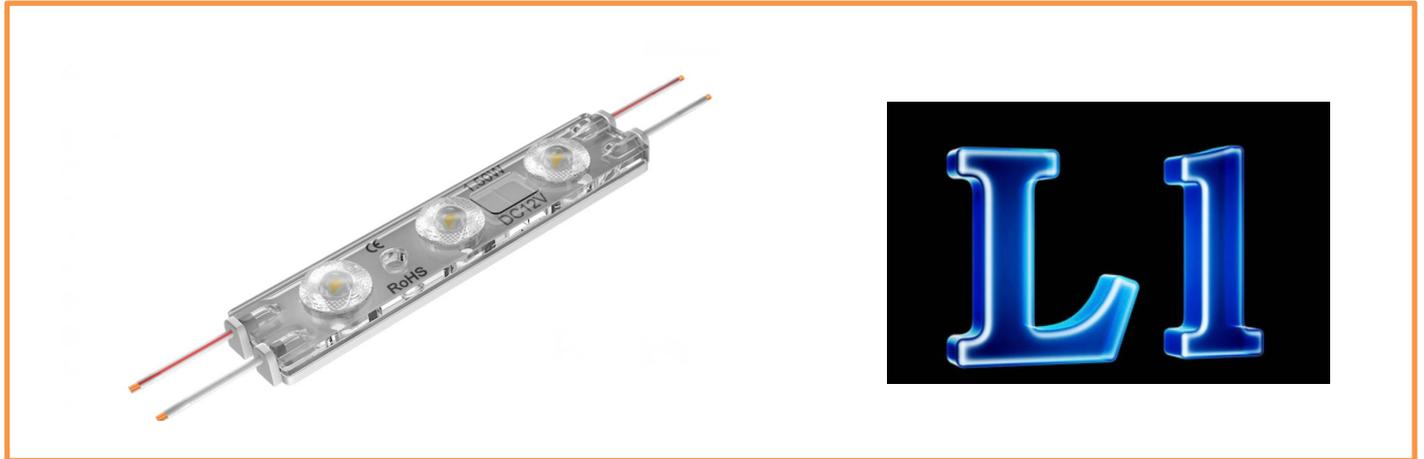E-mail:sales@ledkingtx.com
www.ledkingtx.com

1.2W LED MODULE

KEY FEATURES

- High light efficiency SMD2835 chip,can reach 140lm/w.
- Large beam angle 175 degree,uniform light;
- Aluminum PCB board,good heat dissipation;
- Injection on the back of the module,the module thickness is think,light-weight;
- UL listed

APPLICATION

Suitable for 5-15cm sign letter or airports,subways,banks,building,shopping malls and other advertising ect single side light box.
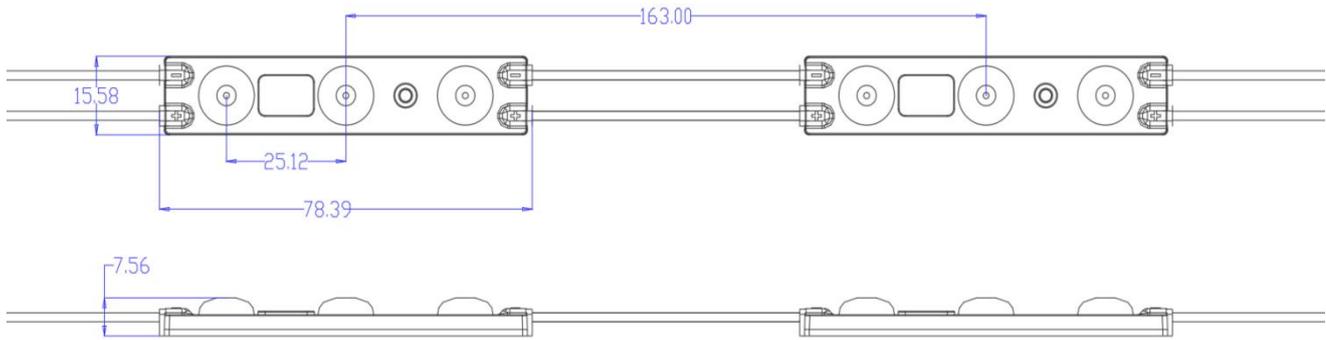
PERFORMANCE SUMMARY

Input Voltage	DC12V
Current(mA)	100mA
Power(w)	1.2W/pcs
CRI	>80Ra
Beam angle	175 degree(lens for individual LED)
Available LED color	cool white,warm white,red,blue,green
IP grade	IP67
Working temperature	-25℃~+60℃
Storage temperature	-25℃~+70℃
Packaging	50pcs/chain,100pcs/bag

ORDERING GUIDE

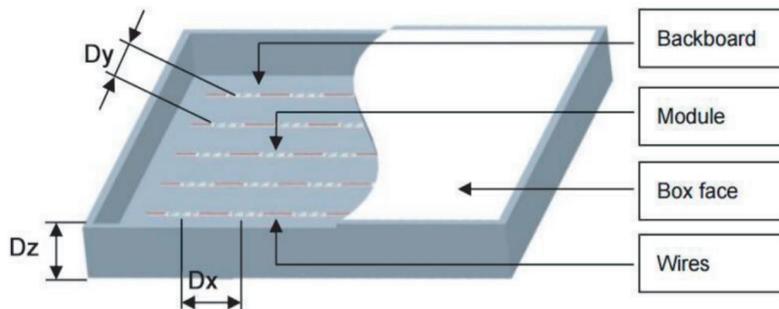| LED color	ITEM#
cool white	2562
warm white	2563
red	2644

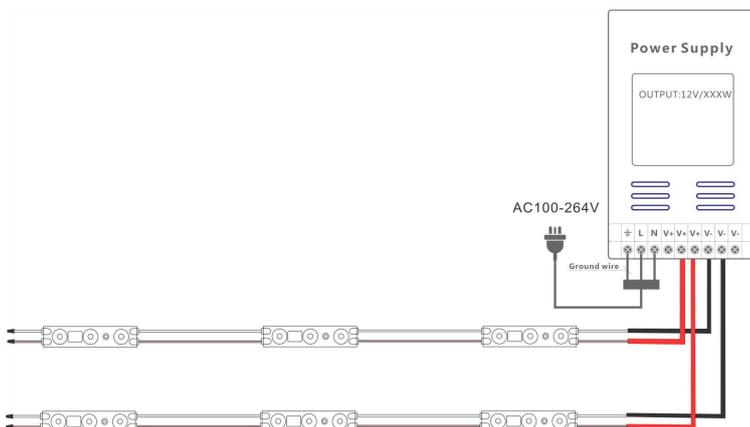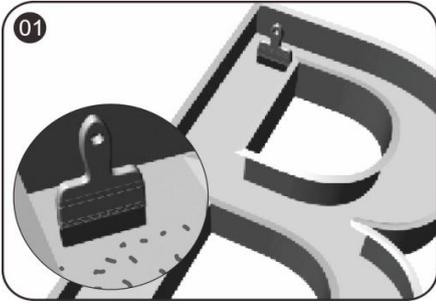| LED color	ITEM#
blue	2641
green	2642

DIMENSIONS(mm)

MODULE LAYOUT DENSITY GUIDELINES

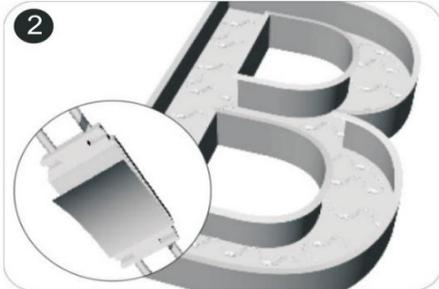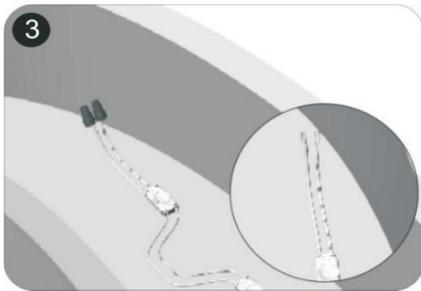| Light box thickness (mm)	LED Spacing (mm)	Installation density (PCS/m²)	Surface illumination (lux)	Watts per square (W/㎡)
DZ=40mm	Dx=110mm，Dy=65mm	140	7000-12000	168
DZ=50MM	Dx=130mm，Dy=80mm	96	7000-8000	115
DZ=60MM	Dx=150mm，Dy=100mm	66	5000-6500	79
DZ=80MM	Dx=160mm，Dy=120mm	52	3500-5000	62
DZ=100MM	Dx=160mm，Dy=140mm	44	2500-3500	53
DZ=120MM	Dx=160mm，Dy=160mm	39	2000-3000	46

INSTALLATION STEPS

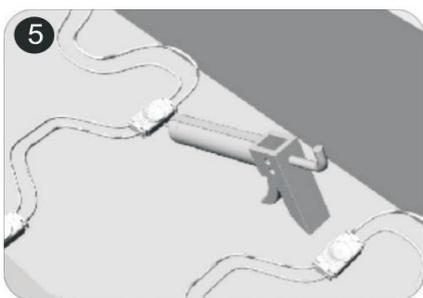**01** Clean up debris on the mounting surface to ensure surface cleaning.

2 To peer off the adhesive tape on the back of the module,and lightly stick to installation slot for initial positioning.
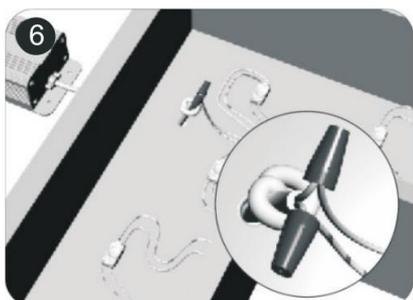
3 When the wire of the end module is exposed,first peel the wire for about 10mm,then screw the positive and negative wires into the terminal separately,and do waterproof and insulation protection and treatment.

4 When the modules are connected in series,the positive and negative wires of the modules are peeled separately for 10mm and then connected with terminal,and do waterproof,insulation, anti-short circuit and anti-corrosion treatment.

5 After adjusting the module to the optional installation position, squeeze the double-sided adhesive and fix it with neutral glass adhesive.

6 The positive and negative wire need to be correctly connected to the positive and negative terminals of the power supply output.