

# LEDEL LIGHTING INDUSTRIAL LIMITED

---Technical support

## Wire size VS Electric current

Rated electric current loaded on RV wire

Environment temperature at 25 centigrade (if Built on stilts)

Wire size (mm <sup>2</sup> )	Rated current (Ampere)	Suggested Electric current (Ampere)
0.5	4.5	3.6
0.75	6.75	5.4
1	9	7.2
1.5	13.5	10.8
2	18	14.4
2.5	20	16
4	28	22.4
6	36	28.8
10	50	40

### Notes

- 1, LED modules for signage and decoration is powered by 12VDC.
- 2, When the operating voltage is less than 11.5Volt, brightness of led goes down.
- 3, While the quantity of led modules in serial connection is more than 20pcs, voltage is possibly less 12Volt.