



## Effectiveness of Chinese energy conservation management and reasons

### Reduction of China's energy consumption per unit of GDP since 2006

Year	Changes in energy consumption per unit of GDP
2006	-1.79%
2007	-4.04%
2008	-4.59%
2009(1Q)	-2.89%
2009(1H)	-3.35%

### Best Practice - Test results for using Rui Guang energy conservation light box

Test place	Type of source	Lighting Power (W)	Surface Illumination (lx)	Uniformity	Saving rate(%)
Jian Guomen Line 2 (Before)	12units OSRAM T8 58W	699.6	3275	0.81	/
Jian Guomen Line 1 (After)	10units OSRAM T5 35W	389.4	3790	0.86	44.34
Yong Hegong Line 5 (After)	8units OSRAM T8 58W	446.7	4105	0.84	36.15

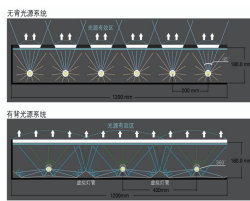
## Details of the Practices

### Application of Lamp backlight for Rui Guang Energy Conservation Light Box

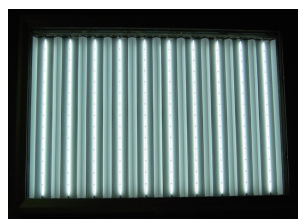
October of 2007, Beijing Subway Line 5 opened for public transport, it also created a new milestone in the energy conservation of light box advertising.



Beijing Subway Jianguomen station use the Rui Guang energy conservation backlight system to reformed the traditional light box, and acquired a significant energy conservation effect and economic benefit.



Sketch map of principle



Sketch map of light structure

After using Rui-guang light box lighting products, Line 5 saved **1.469 million kWh**, which is **1.0135 million yuan per year**. Jianguomen station saved **87,000 kWh**, which is **60,000 yuan per year**.

