

Lighting Solution : 300° Wide Angle LED Tube



Tailor-made high-efficiency optimization solution
Improve energy system application efficiency



Traditional lighting system



300° lighting system



Traditional



Reduced energy consumption
after optimization

Stroboscopic is serious, causing fatigue and injury to eyes.

Fluorescent lamps contain a lot of mercury vapor, if the lamp broken mercury vapor is harmful to human body and pollute the environment.

Due to the limitation of the luminous angle, some usage scenarios have limitations.

It will generate a lot of heat energy, reducing the utilization rate of electric energy.

The high voltage released by the rectifier is used to illuminate, but cannot be illuminated when the voltage decreases.

Large luminous angle, emitting light at nearly 300°, with uniform light color, and can be used for diffuse reflection lighting such as space light panels.

Even light, no video flash, protect eyes.

No mercury, and no ultraviolet, infrared radiation, environmental protection.

Wide voltage operation: It can work normally between 85V and 265V voltage.

Long service life: the service life is more than 10 times that of the traditional fluorescent lamp, which is sturdy and durable.

Replace the original fluorescent tube without changing the circuit.

300°大角度燈管解決方案

Solutions To 300° Wide Angle LED Tube



量身定製高效能優化方案 促進能源系統應用效率提升

Tailored to provide efficient optimization solutions. Promote the application efficiency of energy system



傳統的照明



優化前耗能

- (1) 頻閃嚴重, 對眼睛造成疲勞和傷害。
- (2) 熒光燈中含有大量的水銀蒸汽, 假如燈管破碎水銀蒸汽對人體有害且污染環境。
- (3) 受發光角度限制, 部分使用場景具有侷限性。
- (4) 會產生大量的熱能, 降低了電能的利用率, 耗電。
- (5) 通過整流器釋放的高電壓來點亮, 當電壓降低時則無法點亮。



300°大角度燈管照明



耗能降低

- (1) 發光角度大, 近300度發光, 光色均勻, 可用太空燈盤等漫反射照明。
- (2) 發光均勻, 無可視頻閃, 保護眼睛。
- (3) 無汞, 且無紫外線、紅外光等輻射, 綠色環保。
- (4) 發熱少, 電能利用率高: 在點亮的過程中產生的熱量很少, 電能到光能的轉換率接近100%, 沒有額外的電能損耗, 更節能。
- (5) 寬電壓工作: 在85V—265V電壓之間均可正常工作。
- (6) 壽命長: 壽命是傳統日光燈的10倍以上, 堅固耐用, 無需頻繁更換, 減少人工費用。
- (7) 替代原有熒光管無需更改線路, 直接替換燈管即可。