



Do the world's most efficient LED

2nd generation quick fit LED



- **Flexible application & energy saving**

Compatible with 95% existing electronic T8 ballast
Saving 50% power consumption compare with FL32
Provide payback in less than 2 years
Reduce 90% installation and maintenance cost

- **Rotate 180°**

Offer 180° rotation, meet variety lighting angle demands

- **100% replace of FL in freezer**

Diameter similar to fluorescent t8 tube, use in freezer

- **Low output lighting in freezer shelf**

1100lm@8W 1.2m saving 65% energy compare
[FL32W@BF0.8](#)

Specification

System luminous efficacy: 115LPW

CRI: Ra85, Ra95 Optional

CCT: 3000K, 3500K, 4000K, 5000K

Input voltage: 120-277 VAC*

Lifespan: 50000h

: -25°C ~ +55°C : -40°C---+85°C

Basic lighting — illuminant spec

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600mm: 1000lm@8.5w*
 900mm: 1500lm@13w*
 1200mm: 2000lm@17w*
 1500mm: 2500lm@21.5w*

Freezer shelf lighting — illuminant spec

600mm: 400lm@3.5w*
 900mm: 600lm@5w*
 1200mm: 800lm@7w*

Description

Advantages

Compatible with 95% existing electronic T8 ballast
 115LPW @ system level
 180° rotation

Electronic system

Working with instant start electronic ballast
 Internal high efficacy driver
 PF > 0.9
 THD < 15%
 Input power varies by ballasts
 Not use for magnetic ballasts
 Not use or to be wired to “mains voltage”

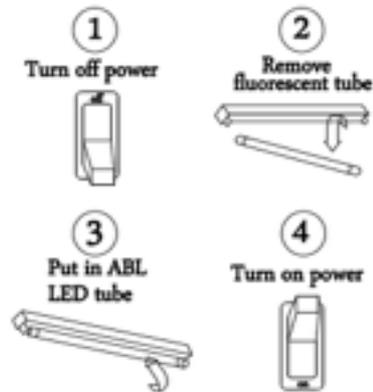
Optical system

Dimmable (depends on ballasts)

Tested 2-lamp ABL 1.2m T8 parameter

| Ballast factor | Lamp power | System power | power |
|----------------|------------|--------------|-------|
| Lumens | | | |
| 0.8528.0W | 33.0W | 3809LM | |
| 0.9330.6W | 35.3W | 4101LM | |
| 1.0 33.0W | 38.1W | 4416LM | |
| 1.1839.0W | 45.5W | 5197LM | |
| 1.4849.0W | 56.1W | 6442LM | |

Installation is so easy!



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