



Do the world's most efficient LED

High lumens output LED

135lpw@mikly cover, low glare  
Widely used in high-end supermarket and office

● **Especially for retrofit projects**

Use a lot in energy management contract projects  
Lifespan: 50000h  
5 years warranty  
Driver efficacy 89%  
PF > 0.98@110Vac  
THD < 15%

● **High payback**

Provide payback in less than 2 years



**Specification**

Luminous efficiency: 135LPW @Milky cover

CRI: Ra85

PF: > 0.98@110Vac

THD: < 15%

Input voltage: 100-240 VAC, 50/60Hz

CCT: 3000K, 3500K, 4000K, 5000K, 5700K, 6500K

Illuminant spec.4500lm@35W, 1.5m\*

3300lm@24W, 1.5m

3300lm@24W, 1.2m

1000lm@6W, 0.6m

: -25°C ~ +55°C     : -40°C ~ +85°C

## Description

### Advantages

Replace of HO fluorescent tube

FL	BF	Above Lights tube	Lumens	Save
F49T5		1.183300lm@24W,1.5m	LM↑20%	56%
F54T5		1.183300lm@24W,1.2m	LM↑10%	59%
F58T8		0.983300lm@24W,1.5m	LM↑10%	65%
F80T5		1.084500lm@35W,1.5m	LM↑10%	60%

### Electronic system

Driver efficiency 89%

Input voltage: 100-240Vac

### Optical system

Ra85

135LPW@Milky cover

Lighting distribution perfect

### Installation

- a. New installation — single end
  
- b. New installation — double end
  
- c. Retrofit magnetic ballast system

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