



TF - LED Troffer Luminaire



ELECTRICAL

- High LED efficacy with over 102lm/W
- Extremely long lifetime of 50,000 hrs
- Good for 11 years (12hrs/day)
- Allows frequent On-Off switching
- cULus listed, -40°C to 40°C ambient environment
- 5-year warranty on LED drivers & modules
- LED drivers & modules powered by Ultrasave

FEATURES

- True LED alternative to 1'x4', 2'x2' or 2'x4' fluorescent Troffer luminaire
- Four luminosity outputs: 8,800lm, 6,000lm, 4,400lm & 3,000lm
- Universal input voltage 120-277V & 347V
- Extra long lifetime of 50,000 hrs

CONSTRUCTION / FINISH

- Die formed of 24 gauge galvanized steel, rigidly fabricated with high gloss white paint
- LM80 qualified LEDs
- Smooth edge for easy handling
- Clean appearance with no exposed fasteners
- PMMA prismatic lens with diffuser
- Positive locking cam action latches with matching finish
- Molex® connectors - easy to install and replace

APPLICATION

- Indoor commercial lighting, office environment, basement, etc.

ORDERING CODE

Model Number	Description	No. of Module	Input Voltage (V)	Power (W)	Color Temp (K)	Lum. Flux (lm)
TF80LED08-120M	LED 2x4 TROFFER 83W 120-277V	8	120-277V	83W	4000K	8,800
TF80LED08-347	LED 2x4 TROFFER 83W 347V	8	347V	83W	4000K	8,800
TF54LED04-120M	LED 2x4 TROFFER 63W 120-277V	4	120-277V	63W	4000K	6,000
TF54LED04-347	LED 2x4 TROFFER 63W 347V	4	347V	63W	4000K	6,000
TF40LED04-120M	LED 2x2 TROFFER 42W 120-277V	4	120-277V	42W	4000K	4,400
TF40LED04-347	LED 2x2 TROFFER 42W 347V	4	347V	42W	4000K	4,400
TF14-40LED04-120M	LED 1x4 TROFFER 42W 120-277V	4	120-277V	42W	4000K	4,400
TF14-40LED04-347	LED 1x4 TROFFER 42W 347V	4	347V	42W	4000K	4,400
TF40LED02-120M	LED 2x2 TROFFER 31W 120-277V	2	120-277V	31W	4000K	3,000
TF40LED02-347	LED 2x2 TROFFER 31W 347V	2	347V	31W	4000K	3,000
TF14-40LED02-120M	LED 1x4 TROFFER 31W 120-277V	2	120-277V	31W	4000K	3,000
TF14-40LED02-347	LED 1x4 TROFFER 31W 347V	2	347V	31W	4000K	3,000



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SPECIFICATION

Item	Parameter	TF80LED08-120M	TF80LED08-347	TF54LED04-120M	TF54LED04-347	TF40LED04-120M	TF40LED04-347
Electrical#	Input (V _{AC})	120-277V	347V	120-277V	347V	120-277V	347V
	Frequency (Hz)	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Light Output*	Output Lumens (lm)	8,800 lm	8,800 lm	6,000 lm	6,000 lm	4,400 lm	4,400 lm
	Fixture Efficiency (%)	83.6%	83.6%	89.2%	89.2%	79.5%	79.5%
	Effective Lumens (lm)	7,360 lm	7,360 lm	5,350 lm	5,350 lm	3,500 lm	3,500 lm
	Power (W)	83W	83W	63W	63W	42W	42W
	Efficacy (lm/W)	88 lm/W		85 lm/W		85 lm/W	
	CCT (K)	4000K		4000K		4000K	
	CRI	>80		>80		>80	
	Lifetime (Ta @ 25°C)	50,000 hours		50,000 hours		50,000 hours	
Mechanical	Dimension (mm) (inch)	1232(L) x 606(D) x 85(H) 48.5"(L) X 23.9"(D) X 3.4"(H)		1232(L) x 606(D) x 85(H) 48.5"(L) X 23.9"(D) X 3.4"(H)		610(L) x 610(D) x 85(H) 24.0"(L) X 24.0"(D) X 3.4"(H)	
	Weight (Kg) / (lb)	9 Kg / 20 lb		9 Kg / 20 lb		6 Kg / 14 lb	
	Cover	PMMA		PMMA		PMMA	
Temperature	Ambient (°C)	-40°C to 40°C					
Standard Compliance	Approval Luminaire	cULus					
	Environment	RoHS					
Item	Parameter	TF14-40LED04-120M	TF14-40LED04-347	TF40LED02-120M	TF40LED02-347	TF14-40LED02-120M	TF14-40LED02-347
Electrical#	Input (V _{AC})	120-277V	347V	120-277V	347V	120-277V	347V
	Frequency (Hz)	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Light Output*	Output Lumens (lm)	4,400 lm	4,400 lm	3,000 lm	3,000 lm	3,000 lm	3,000 lm
	Fixture Efficiency (%)	79.5%	79.5%	n/a	n/a	n/a	n/a
	Effective Lumens (lm)	3,500 lm	3,500 lm	n/a	n/a	n/a	n/a
	Power (W)	42W	42W	31W	31W	31W	31W
	Efficacy (lm/W)	85 lm/W		n/a		n/a	
	CCT (K)	4000K		4000K		4000K	
	CRI	>80		>80		>80	
	Lifetime (Ta @ 25°C)	50,000 hours		50,000 hours		50,000 hours	
Mechanical	Dimension (mm)	1220(L) x 302(D) x 102(H) 48.0"(L) X 11.9"(D) X 4.0"(H)		610(L) x 610(D) x 85(H) 24.0"(L) X 24.0"(D) X 3.4"(H)		1220(L) x 302(D) x 102(H) 48.0"(L) X 11.9"(D) X 4.0"(H)	
	Weight (Kg) / (lb)	6 Kg / 14 lb		6 Kg / 14 lb		6 Kg / 14 lb	
	Cover	PMMA		PMMA		PMMA	
Temperature	Ambient (°C)	-40°C to 40°C					
Standard Compliance	Approval Luminaire	cULus					
	Environment	RoHS					

*) Due to the special condition of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

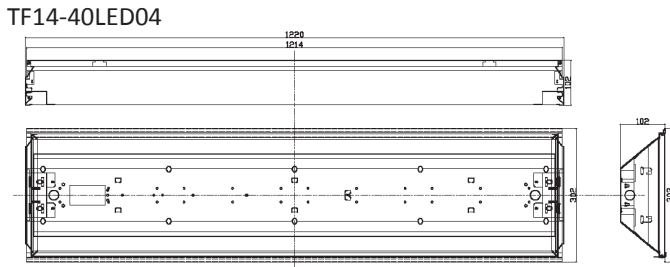
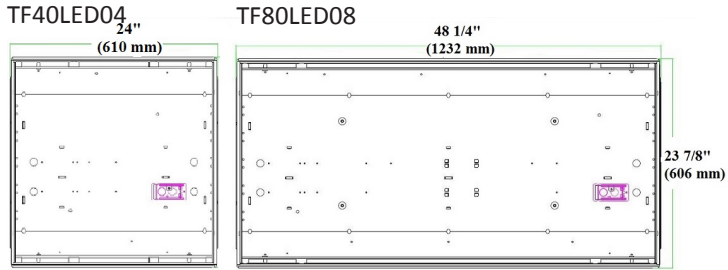
#) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.



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DIMENSION



PHOTOMETRIC

