



LED TROFFER

SINGLE WATTAGE SERIES GKOTRG1



Product Overview

Series GKOTRG1 LED Troffer fixtures are an energy-efficient lighting solution for commercial or institutional settings with recessed or suspended grid ceilings and are available in 3 popular sizes.



Key Features

CONSTRUCTION:

- Stamped sheet metal housing offers excellent heat dissipation.

FINISH:

- The exterior is protected by a rust-resistant powder coat finish that provides superior resistance to weathering and corrosion.

OPTICS:

- Light engines are available in selectable 3500K, 4000K, and 5000K configurations.
- A range of lumen options available from 2,600 to 5,850 Lumens.
- Impact and UV-resistant frosted polycarbonate lens is precisely designed to give a specific light distribution, maximizing efficiency and application spacing.

ELECTRICAL:

- Universal 120-277V input voltage.
- Auxiliary 12V driver optional.
- Standard 1KV surge protection.
- 0-10V dimming driver(s) standard.
- Flicker-free driver with $\leq 10\%$ stroboscopic index prevents flicker during the lighting and dimming process.
- THD: $\leq 20\%$, Power Factor: $\geq 90\%$.

CONTROLS:

- Optional emergency battery backup model provides up to 90 minutes of operation at a minimum of 1000lm during outages. During an outage, CCT defaults to 5000K. During regular operation, CCT is available in 3500K, 4000K, and 5000K. Not available on some models.
- Bluetooth NLC Listed plug & play PIR motion sensor, utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web, optional for all models - ANT-15P-BLE-SR (field-installed).

INSTALLATION:

- Suitable for recessed installation.
- Surface mounting with optional surface mount kit.

WARRANTY:

- 5 Year Limited Warranty.

LISTINGS:

- DesignLights Consortium® (DLC) qualified.
- DesignLights Consortium® (DLC) Premium qualified (2'x4' 25W model only).
- UL Damp Location Certified.
- Rated for ambient operating temperature -4°F to 122°F (-20°C to 50°C).



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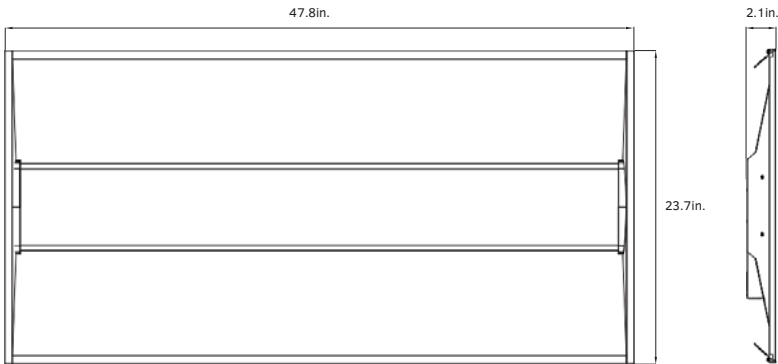
Performance Data

Lumen Output

System Watts	CRI	Size	3500K		4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
20W	84	1'x4'	2600lm	130lm/W	2600lm	130lm/W	2600lm	130lm/W
25W	84	1'x4'	3250lm	130lm/W	3250lm	130lm/W	3250lm	130lm/W
30W	82	1'x4'	3900lm	130lm/W	3900lm	130lm/W	3900lm	130lm/W
20W	83	2'x2'	2800lm	140lm/W	2800lm	140lm/W	2800lm	140lm/W
25W	83	2'x2'	3375lm	135lm/W	3375lm	135lm/W	3375lm	135lm/W
30W	83	2'x2'	3900lm	130lm/W	3900lm	130lm/W	3900lm	130lm/W
35W	82	2'x2'	4620lm	132lm/W	4620lm	132lm/W	4620lm	132lm/W
40W	82	2'x2'	5200lm	130lm/W	5200lm	130lm/W	5200lm	130lm/W
25W	82	2'x4'	3400lm	136lm/W	3450lm	138lm/W	3450lm	138lm/W
30W	82	2'x4'	3990lm	133lm/W	4020lm	134lm/W	4020lm	134lm/W
34W	83	2'x4'	4760lm	140lm/W	4760lm	140lm/W	4760lm	140lm/W
35W	82	2'x4'	4550lm	130lm/W	4550lm	130lm/W	4550lm	130lm/W
38W	83	2'x4'	5130lm	135lm/W	5130lm	135lm/W	5130lm	135lm/W
45W	83	2'x4'	5850lm	130lm/W	5850lm	130lm/W	5850lm	130lm/W

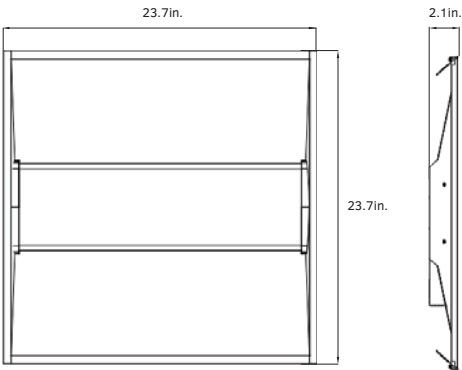
Dimensions & Weight

2'x4'



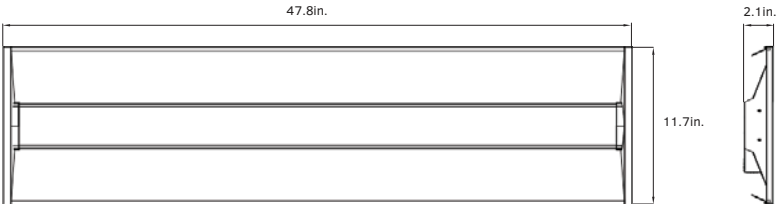
Weight
Single Wattage: 10.81lb.
Emergency Battery Backup Model: 11.81lb.

2'x2'



Weight
Single Wattage: 6.28lb.
Emergency Battery Backup Model: 7.28lb.

1'x4'



Weight
Single Wattage: 7.39lb.
Emergency Battery Backup Model: 8.39lb.

Accessories



BLUETOOTH NLC LISTED PIR MOTION SENSOR
Optional field-installed plug & play Bluetooth PIR motion sensor adds Networked Control functionality utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web.



EMERGENCY BATTERY BACKUP MODEL
Optional emergency battery backup model provides up to 90 minutes of operation during power outages. During an outage, CCT defaults to 5000K. Not available on some models.

Mounting Options



RECESSED MOUNTING (INCLUDED)
LED Troffers are suitable for standard recessed mounting in a grid ceiling, by default.



SURFACE MOUNTING (OPTIONAL)
Optional surface mounting kit allows for mounting without a ceiling grid (sold separately).

Ordering Information

LED Troffer GKOTRG1						Example: GKOTRG122D30W27VDDK		
Fixture Type	Size	Series	Wattage	Voltage	CCT	Sensor (Optional)	Battery Backup (Optional)	
GKOTRG1	14 1'x4'	D Series D	20W	27V 120-277V	DDK Selectable	M With Sensor Blank Without Sensor	B With Emergency Battery*	
			25W				Blank Without Emergency Battery	
			30W					
	22 2'x2'	D Series D	20W					
			25W					
			30W					
			35W					
			40W					
	24 2'x4'	D Series D	25W					
			30W					
			34W					
			35W					
			38W					
			45W					

NOTE: Emergency Battery Backup is not available on some models.