

GTL SERIES



Application Guide

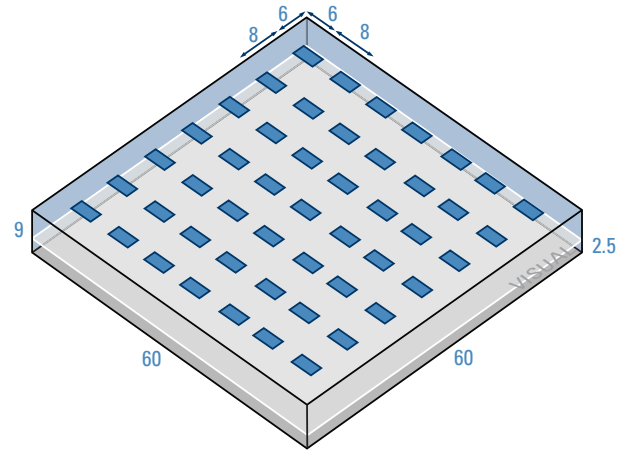
The GTL Series recessed LED troffer's economical, solid-state lighting is ideal for new construction, renovation and retrofit opportunities. It is ideal for the broad range of applications where general-purpose fluorescent lighting currently prevails.

LED

Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 8'	2GTL 40L	43	48	0.59 W/ft ²
	2GTL 48L	51	58	0.69 W/ft ²
	2GTL 60L	59	66	0.8 W/ft ²
	2GTL 72L	77	84	1.05 W/ft ²

Fluorescent

Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 8'	2GT8 2 32 A12 120 ADDE	58	50	0.79 W/ft ²
	2GT8 3 32 A12 1/3 ADDE	88	71	1.2 W/ft ²
	2GT8 4 32 A12 1/4 ADDE	112	95	1.52 W/ft ²

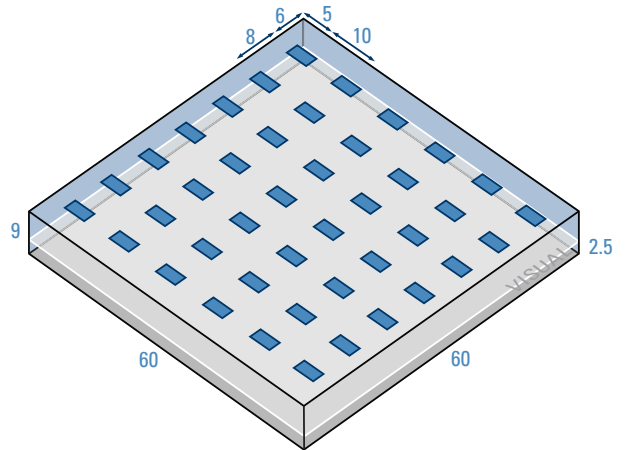


LED

Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 10'	2GTL 40L	43	41	0.5 W/ft ²
	2GTL 48L	51	50	0.6 W/ft ²
	2GTL 60L	59	57	0.69 W/ft ²
	2GTL 72L	77	72	0.9 W/ft ²

Fluorescent

Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 10'	2GT8 2 32 A12 120 ADDE	58	43	0.68 W/ft ²
	2GT8 3 32 A12 1/3 ADDE	88	61	1.03 W/ft ²
	2GT8 4 32 A12 1/4 ADDE	112	81	1.31 W/ft ²



9' ceiling: 80/50/20 reflectances; 2.5' work plane

LLF for LED: 0.85

LLF for Fluorescent: 2-lamp / 0.77; 3-lamp / 0.74; 4-lamp / 0.75

SUGGESTED REPLACEMENT

Fluorescent	Wattage	LED	Wattage	% of Savings
2 Lamp T8	58W	2GTL 4 40L	43W	26%
2 Lamp T8	58W	2GTL 4 48L	51W	12%
3 Lamp T8	88W	2GTL 4 60L	59W	33%
4 Lamp T8	112W	2GTL 4 72L	77W	31%

