

FS SERIES LED (FSL)



Application Guide

The FS Series recessed LED luminaire combines aesthetics and performance in a general lighting product that enables the transformation from fluorescent to LED. It's contractor-friendly construction is ideal for minimal jobsite assembly with no special handling required, or excess material to dispose of.

Optional integrated controls provide additional design flexibility and optimum energy savings.

LED (FSL - EZ1 LP840)

Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 8'	2FSL4 30L	31	40	0.42 W/ft ²
	2FSL4 40L	40	52	0.54 W/ft ²
	2FSL4 48L	47	59	0.63 W/ft ²
	2FSL4 60L	52	65	0.71 W/ft ²
	2FSL4 72L	70	88	0.96 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 (FSL - EZ1 LP840)

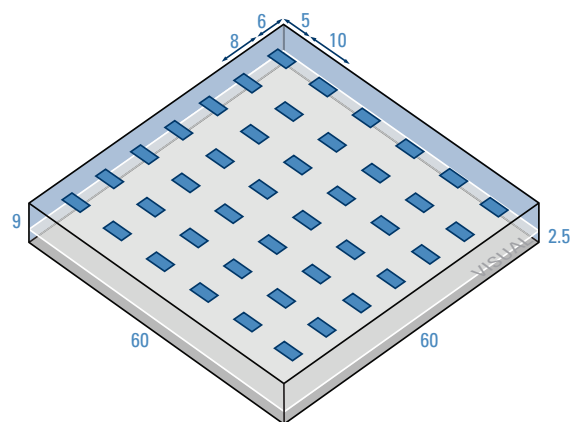
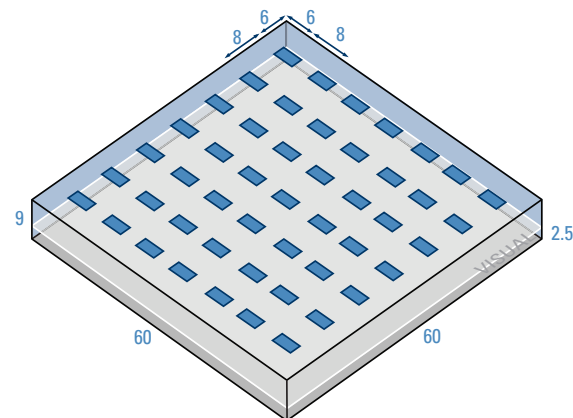
Spacing	Luminaire	Wattage	Average FC	Power Density
8' x 10'	2FSL4 30L	31	35	0.36 W/ft ²
	2FSL4 40L	40	44	0.46 W/ft ²
	2FSL4 48L	47	51	0.54 W/ft ²
	2FSL4 60L	52	56	0.61 W/ft ²
	2FSL4 72L	70	75	0.82 W/ft ²

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

SUGGESTED REPLACEMENT

Fluorescent	Wattage	LED	Wattage	% of Savings
2 Lamp T8	58W	2FSL4 30L EZ1 LP840	31W	47%
2 Lamp T8	58W	2FSL4 40L EZ1 LP840	40W	32%
2 Lamp T8	58W	2FSL4 48L EZ1 LP840	47W	20%
3 Lamp T8	88W	2FSL4 48L EZ1 LP840	47W	47%
3 Lamp T8	88W	2FSL4 60L EZ1 LP840	52W	40%
4 Lamp T8	112W	2FSL4 72L EZ1 LP840	70W	37%



9' ceiling: 80/50/20 reflectances; 2.5' workplane
LLF for LED: 0.85

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

