

PHILIPS



Recessed

EvoKit LED
Retrofit Kits



Make the
switch

Upgrade to LED lighting for
2'x2' and 2'x4' configurations

Easy to install, energy efficient, and affordable...

What's stopping you from making the move?

The Philips EvoKit LED Retrofit Kits are an energy efficient, easy to install solution to upgrade your fluorescent troffers to LED. Compatible with both standard and narrow T-grids, they offer a simple retrofit that will improve the look of your ceiling with its architectural styling without the need to actually break the ceiling plenum. The units also come standard with dimming capabilities, making them perfect for applications such as offices, classrooms, healthcare facilities, retail space and more.

The Philips EvoKit LED Retrofit Kits offer the latest advances in LED technology, resulting in quality lighting with extremely high efficacies of up to 110 lm/w. Both the 2'x2' and the 2'x4' EvoKit are manufactured with quality components and finishes, meaning a consistent, balanced lighting scheme when using both configurations in the same space. The main diffuser and slanted troffer help reduce glare and create a pleasant, uniform throw of the light. Combine the aesthetics and quality with the ease of installation, and this product can literally transform your space in minutes!



Specifications

Product Number	Description	Watts	Volts	Lumen Maintenance (Hrs.) ²	Approx. Lumens ³	CRI	Color Temperature (K)
2'x2' Stock SKUs							
501734	EvoKit 2x2 P 32L 31W 835 2 0-10 7 G2	31	120-277	70,000	3210	80	3500
501759	EvoKit 2x2 P 32L 31W 840 2 0-10 7 G2	31	120-277	70,000	3280	80	4000
502773	EvoKit 2x2 P 32L 31W 835 2 STEP 7 G2	31	120-277	70,000	3120	80	3500
502781	EvoKit 2x2 P 32L 31W 840 2 STEP 7 G2	31	120-277	70,000	3280	80	4000
501775	EvoKit 2x2 P 32L 32W 835 1 Mk10 7 G2	32	120	70,000	3210	80	3500
501783	EvoKit 2x2 P 32L 32W 840 1 Mk10 7 G2	32	120	70,000	3280	80	4000
501791	EvoKit 2x2 P 32L 34W 835 5 Mk10 7 G2	34	277	70,000	3210	80	3500
501809	EvoKit 2x2 P 32L 34W 840 5 Mk10 7 G2	34	277	70,000	3280	80	4000
2'x2' Made to Order SKU's							
502096	EvoKit 2x2 P 23L 23W 835 2 0-10 7 G2**	23	120-277	70,000	2400	80	3500
502104	EvoKit 2x2 P 23L 23W 840 2 0-10 7 G2**	23	120-277	70,000	2450	80	4000
502799	EvoKit 2x2 P 23L 23W 835 2 STEP 7 G2**	23	120-277	70,000	2400	80	3500
502807	EvoKit 2x2 P 23L 23W 840 2 STEP 7 G2**	23	120-277	70,000	2450	80	4000
502112	EvoKit 2x2 P 23L 23W 835 1 Mk10 7 G2	23	120	70,000	2400	80	3500
502120	EvoKit 2x2 P 23L 23W 840 1 Mk10 7 G2	23	120	70,000	2450	80	4000
502138	EvoKit 2x2 P 23L 25W 835 5 Mk10 7 G2	25	277	70,000	2400	80	3500
502146	EvoKit 2x2 P 23L 25W 840 5 Mk10 7 G2	25	277	70,000	2450	80	4000
2'x4' Stock SKUs							
501817	EvoKit 2x4 P 42L 39W 835 2 0-10 7 G2	39	120-277	70,000	4180	80	3500
501866	EvoKit 2x4 P 42L 39W 840 2 0-10 7 G2	39	120-277	70,000	4280	80	4000
501815	EvoKit 2x4 P 42L 39W 835 2 STEP 7 G2	39	120-277	70,000	4180	80	3500
501823	EvoKit 2x4 P 42L 39W 840 2 STEP 7 G2	39	120-277	70,000	4280	80	4000
501874	EvoKit 2x4 P 42L 40W 835 1 Mk10 7 G2	40	120	70,000	4180	80	3500
501882	EvoKit 2x4 P 42L 40W 840 1 Mk10 7 G2	40	120	70,000	4280	80	4000
501924	EvoKit 2x4 P 42L 42W 835 5 Mk10 7 G2	42	277	70,000	4180	80	3500
501940	EvoKit 2x4 P 42L 42W 840 5 Mk10 7 G2	42	277	70,000	4280	80	4000
2'x4' Made to Order SKU's							
502864	EvoKit 2x4 P 36L 33W 835 2 STEP 7 G2	33	120-277	70,000	3600	80	3500
502872	EvoKit 2x4 P 36L 33W 840 2 STEP 7 G2	33	120-277	70,000	3680	80	4000
502054	EvoKit 2x4 P 36L 34W 835 1 Mk10 7 G2	34	120	70,000	3600	80	3500
502062	EvoKit 2x4 P 36L 34W 840 1 Mk10 7 G2	34	120	70,000	3680	80	4000
502039	EvoKit 2x4 P 36L 36W 835 2 0-10 7 G2	36	120-277	70,000	3600	80	3500
502047	EvoKit 2x4 P 36L 36W 840 2 0-10 7 G2	36	120-277	70,000	3680	80	4000
502070	EvoKit 2x4 P 36L 36W 835 5 Mk10 7 G2	36	277	70,000	3600	80	3500
502088	EvoKit 2x4 P 36L 36W 840 5 Mk10 7 G2	36	277	70,000	3680	80	4000
501973	EvoKit 2x4 P 52L 51W 835 2 0-10 5 G2	51	120-277	50,000	5300	80	3500
501981	EvoKit 2x4 P 52L 51W 840 2 0-10 5 G2	51	120-277	50,000	5400	80	4000
502831	EvoKit 2x4 P 52L 52W 835 2 STEP 5 G2	52	120-277	70,000	5300	80	3500
502849	EvoKit 2x4 P 52L 52W 840 2 STEP 5 G2	52	120-277	70,000	5400	80	4000
501999	EvoKit 2x4 P 52L 52W 835 1 Mk10 5 G2	52	120	50,000	5300	80	3500
502005	EvoKit 2x4 P 52L 52W 840 1 Mk10 5 G2	52	120	50,000	5400	80	4000
502013	EvoKit 2x4 P 52L 53W 835 5 Mk10 5 G2	53	277	50,000	5300	80	3500
502021	EvoKit 2x4 P 52L 53W 840 5 Mk10 5 G2	53	277	50,000	5400	80	4000

1) Please refer to the energy saving chart on page 3 for details.

2) L_{70} 72,000 hours @ 35°C based on TM21 and LM80.

3) Based on photometric testing consistent with IES LM-79.

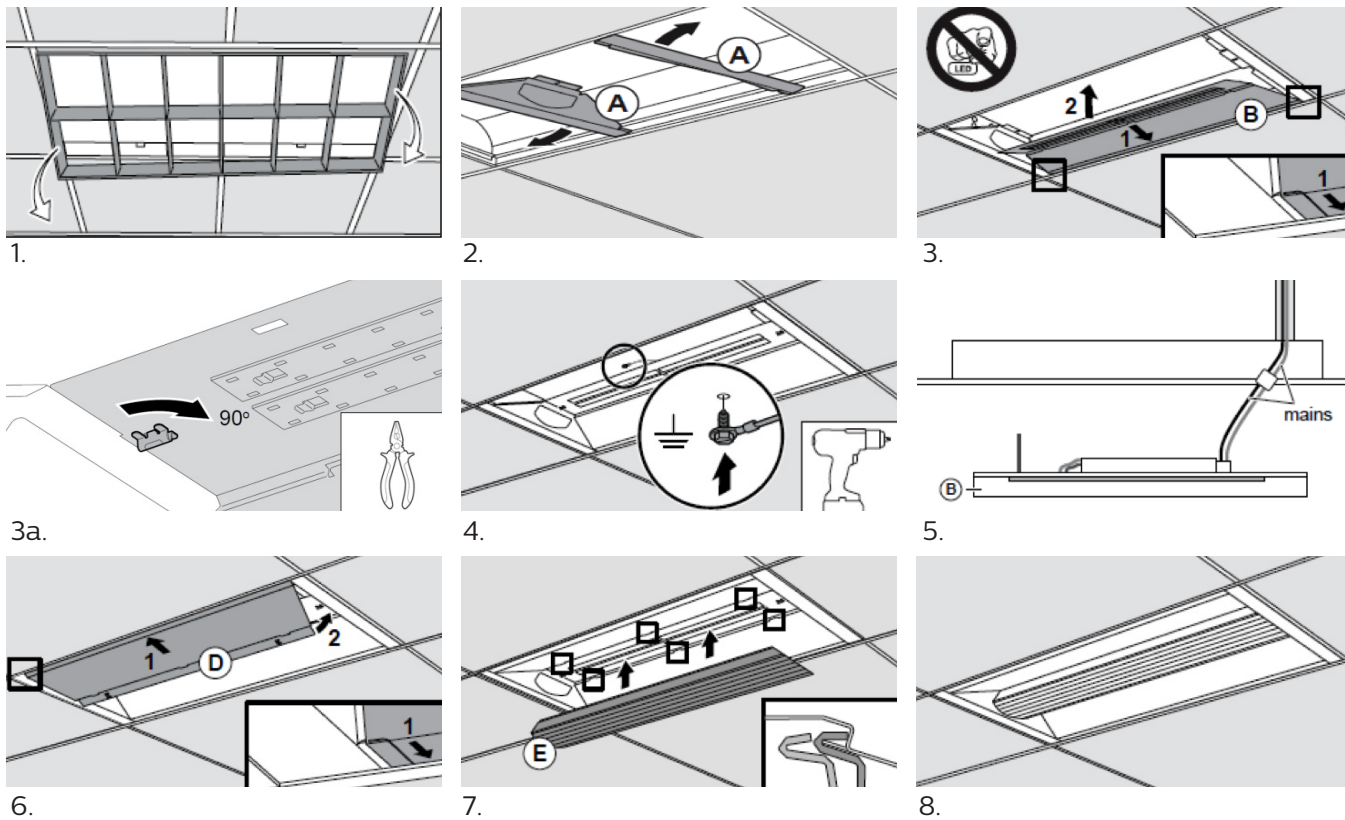
* "Made-To-Order" product is not kept in inventory. Minimum quantities will apply.

** These products do not meet DLC criteria.

*** Please visit www.philips.com/warranties for full details.

† DLC requires the product to meet specific performance requirements regarding: lumen output, spacing criteria, lumens per watt, color temperature, CRI, lifetime and warranty.

Installation



(See installation guide for full instructions on installing the product)

1. Cut power to host fixture and remove louvers/lens, lamps, belly pan and disconnect mains from ballast
2. Install side panels A in between troffer and T-Grid, sliding outward as far as possible
3. Install LED panel between troffer and T-Grid, fixing tab on panel B through slot hole of panel A
 - a. Twist the fastener 90°
4. Establish ground connection (see installation guide for different scenarios)
5. Connect mains cable and hide connected wires behind LED panel B
6. Install closing panel C between troffer and T-Grid, fixating panels over slots
 - a. Twist the fastener 90° – same as 3a
7. Slide diffuser under tabs on one side and press diffuser over tabs on opposite panel
8. Energize unit

Accessories

Product Number	12NC	Description
2x2		
502435		EvoKit Accessory Earthquake Cable 317mm
502575		EvoKit 2x2 Replacement Lens
503441		EvoKit Field Installed Emergency Battery Backup
503599	929000725913	EvoKit 2x2 SpaceWise Accessory
504449	913700359103	Spacewise Programming Tool
455436	913700364403	Switch/Dimmer
455428	913700364203	4 position scene selector
2x4		
502435		EvoKit Accessory Earthquake Cable 317mm
502583		EvoKit 2x4 Replacement Lens
503441		EvoKit Field Installed Emergency Battery Backup
503615	929000726013	EvoKit 2x4 SpaceWise Accessory
504449	913700359103	Spacewise Programming Tool
455436	913700364403	Switch/Dimmer
455428	913700364203	4 position scene selector

SpaceWise Technology (SWZ)

- Optional SpaceWise automated wireless technology via the unique Philips Evokit SpaceWise Accessory provides integrated occupancy and daylight harvesting for additional control and energy savings. Requiring no system re-wiring, SpaceWise technology is ideal for retrofit applications.
- Occupancy and daylight sensors are integral to each luminaire. Luminaires in large rooms and open plan areas are grouped together up to a maximum of 50 using a handheld remote so room lighting turns on at first sign of occupancy.
- Upon first entry, grouped luminaires brighten up gently to a background level. Once occupants arrive at their workstations, luminaires in the immediate area brighten up to full illumination and will dim down when no presence is detected. Grouped luminaires will dim to off when no presence is detected in the group.
- Daylight sensing is automatic and re-calibration occurs daily when luminaires turn on.
- The SpaceWise Accessory, when combined in the field with any standard 0-10 dimmable Evokit, will transform the kit into a SpaceWise-enabled retrofit kit. There are two variations of the accessory, one for the Evokit 2x4 and one for the Evokit 2x2.

Model	Initial Lumens	Input Power	Lumens per Watt
EvoKit			
EvoKit 2x4 P 42L 39W 840 2 0-10 7 G2 (501866)	4280	40	107
EvoKit with Spacewise (SWZ)			
High Power Setting (120/277V)	4280	40/41	14/15
Medium Power Setting (120/277V)	3766	36/36	13/14
Low Power Setting (120/277V)	3296	31/32	12/13



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