

PHILIPS

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EvoKit Click LED Retrofit Kit 2x4



Philips EvoKit click LED retrofit kit is an aesthetically pleasing and energy efficient LED retrofit kit designed to deliver a refreshed sleek and modern look with minimal material waste. Not only does it offer energy savings¹, it also helps reduce maintenance and installation costs due to its modular design, bulk packaging, and long LED lifetime.

Products can be found on the DLC QPL by searching the 6 digit product number. Additional information can be found at www.philips.com/evokit.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

EvoKit Click 2x4 with 0-10V Dimming ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLK										
523548	EvoKit CLK 2x4 30L 27W 835 UNV 0-10 P4	27W	120-277	70,000	3000	3500	118	0-10	4 Pack	PDINWGCP
◆ 523555	EvoKit CLK 2x4 30L 27W 840 UNV 0-10 P4	27W	120-277	70,000	3000	4000	120	0-10	4 Pack	P242F7YA
◆ 523563	EvoKit CLK 2x4 42L 38W 835 UNV 0-10 P4	38W	120-277	70,000	4200	3500	118	0-10	4 Pack	PZWCK3EC
523571	EvoKit CLK 2x4 42L 38W 840 UNV 0-10 P4	38W	120-277	70,000	4200	4000	120	0-10	4 Pack	PRN9O49H
521153	EvoKit CLK 2x4 30L 27W 835 UNV 0-10 P1	27W	120-277	70,000	3000	3500	118	0-10	Single Pack	PJGFL2RH
520205	EvoKit CLK 2x4 30L 27W 840 UNV 0-10 P1	27W	120-277	70,000	3000	4000	120	0-10	Single Pack	PJ93CM4B
521187	EvoKit CLK 2x4 42L 38W 835 UNV 0-10 P1	38W	120-277	70,000	4200	3500	118	0-10	Single Pack	PU53DVS4
520213	EvoKit CLK 2x4 42L 38W 840 UNV 0-10 P1	38W	120-277	70,000	4200	4000	120	0-10	Single Pack	PZPM9OK2
CLKE (Energy Efficient)										
523662	EvoKit CLKE 2x4 30L 21W 840 UNV 0-10 P4	21W	120-277	70,000	3000	4000	140	0-10	4 Pack	PGMEGJZR
523688	EvoKit CLKE 2x4 36L 27W 840 UNV 0-10 P4	27W	120-277	70,000	3600	4000	143	0-10	4 Pack	P1KDSH9R
523704	EvoKit CLKE 2x4 42L 30W 835 UNV 0-10 P4	30W	120-277	70,000	4200	3500	138	0-10	4 Pack	PM0UHBXD
◆ 523720	EvoKit CLKE 2x4 42L 30W 840 UNV 0-10 P4	30W	120-277	70,000	4200	4000	140	0-10	4 Pack	PD7HU98K
521419	EvoKit CLKE 2x4 30L 21W 835 UNV 0-10 P1	21W	120-277	70,000	3000	3500	138	0-10	Single Pack	PSMZ3UQV
521450	EvoKit CLKE 2x4 30L 21W 840 UNV 0-10 P1	21W	120-277	70,000	3000	4000	140	0-10	Single Pack	PJYSUHHO
520262	EvoKit CLKE 2x4 36L 27W 835 UNV 0-10 P1	27W	120-277	70,000	3600	3500	141	0-10	Single Pack	PNQMPG9W
520270	EvoKit CLKE 2x4 36L 27W 840 UNV 0-10 P1	27W	120-277	70,000	3600	4000	143	0-10	Single Pack	PFQLXWNV
◆ 520288	EvoKit CLKE 2x4 42L 30W 835 UNV 0-10 P1	30W	120-277	70,000	4200	3500	138	0-10	Single Pack	P1W5T132
◆ 520296	EvoKit CLKE 2x4 42L 30W 840 UNV 0-10 P1	30W	120-277	70,000	4200	4000	140	0-10	Single Pack	P9S1IOOY
521567	EvoKit CLKE 2x4 47L 34W 835 UNV 0-10 P1	34W	120-277	70,000	4700	3500	136	0-10	Single Pack	PRJDIE8B
521583	EvoKit CLKE 2x4 47L 34W 840 UNV 0-10 P1	34W	120-277	70,000	4700	4000	138	0-10	Single Pack	PGYMV5GR
524389	EvoKit CLKE 2x4 36L 27W 850 UNV 0-10 P4	27W	120-277	70,000	3600	5000	143	0-10	4 Pack	PQOEIDFK
524397	EvoKit CLKE 2x4 42L 30W 850 UNV 0-10 P1	30W	120-277	70,000	4200	5000	140	0-10	Single Pack	PC8S13FO
525303	EvoKit CLKE 2x4 42L 30W 830 UNV 0-10 P1	30W	120-277	70,000	4200	3000	137	0-10	Single Pack	P6YLJ4LC
525311	EvoKit CLKE 2x4 47L 34W 830 UNV 0-10 P1	34W	120-277	70,000	4700	3000	133	0-10	Single Pack	PS86L40M

See footnotes on the last page.

◆ Made to stock product (Contact your Philips sales representative for stock availability and lead time).

Not all product variations listed on this page are DLC qualified. To ensure that a specific model is qualified, visit www.designlights.org/search



EvoKit Click LED retrofit kit 2x4

Buy American Act Compliant** Evokit click 2x4 with 0-10V Dimming ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLK										
*	EvoKit CLK 2x4 30L 27W 835 0-10 P4 BAC	27W	120-277	70,000	3000	3500	118	0-10	4 pack	*
	EvoKit CLK 2x4 30L 27W 840 0-10 P4 BAC	27W	120-277	70,000	3000	4000	120	0-10	4 pack	
	EvoKit CLK 2x4 42L 38W 835 0-10 P4 BAC	38W	120-277	70,000	4200	3500	118	0-10	4 pack	
	EvoKit CLK 2x4 42L 38W 840 0-10 P4 BAC	38W	120-277	70,000	4200	4000	120	0-10	4 pack	
	EvoKit CLK 2x4 30L 27W 835 0-10 P1 BAC	27W	120-277	70,000	3000	3500	118	0-10	1 pack	
	EvoKit CLK 2x4 30L 27W 840 0-10 P1 BAC	27W	120-277	70,000	3000	4000	120	0-10	1 pack	
	EvoKit CLK 2x4 42L 38W 835 0-10 P1 BAC	38W	120-277	70,000	4200	3500	118	0-10	1 pack	
	EvoKit CLK 2x4 42L 38W 840 0-10 P1 BAC	38W	120-277	70,000	4200	4000	120	0-10	1 pack	
CLKE (Energy Efficient)										
*	EvoKit CLKE 2x4 30L 21W 840 0-10 P4 BAC	21W	120-277	70,000	3000	4000	140	0-10	4 pack	*
	EvoKit CLKE 2x4 36L 27W 840 0-10 P4 BAC	27W	120-277	70,000	3600	4000	143	0-10	4 pack	
	EvoKit CLKE 2x4 42L 30W 835 0-10 P4 BAC	30W	120-277	70,000	4200	3500	138	0-10	4 pack	
	EvoKit CLKE 2x4 42L 30W 840 0-10 P4 BAC	30W	120-277	70,000	4200	4000	140	0-10	4 pack	
	EvoKit CLKE 2x4 30L 21W 835 0-10 P1 BAC	21W	120-277	70,000	3000	3500	138	0-10	Single pack	
	EvoKit CLKE 2x4 30L 21W 840 0-10 P1 BAC	21W	120-277	70,000	3000	4000	140	0-10	Single pack	
	EvoKit CLKE 2x4 36L 27W 835 0-10 P1 BAC	27W	120-277	70,000	3600	3500	141	0-10	Single pack	
	EvoKit CLKE 2x4 36L 27W 840 0-10 P1 BAC	27W	120-277	70,000	3600	4000	143	0-10	Single pack	
	EvoKit CLKE 2x4 42L 30W 835 0-10 P1 BAC	30W	120-277	70,000	4200	3500	138	0-10	Single pack	
	EvoKit CLKE 2x4 42L 30W 840 0-10 P1 BAC	30W	120-277	70,000	4200	4000	140	0-10	Single pack	
	EvoKit CLKE 2x4 47L 34W 835 0-10 P1 BAC	34W	120-277	70,000	4700	3500	136	0-10	Single pack	
	EvoKit CLKE 2x4 47L 34W 840 0-10 P1 BAC	34W	120-277	70,000	4700	4000	138	0-10	Single pack	
	EvoKit CLKE 2x4 36L 27W 850 0-10 P4 BAC	27W	120-277	70,000	3600	5000	143	0-10	4 pack	
	EvoKit CLKE 2x4 42L 30W 850 0-10 P1 BAC	30W	120-277	70,000	4200	5000	140	0-10	Single pack	
	EvoKit CLKE 2x4 42L 30W 830 0-10 P1 BAC	30W	120-277	70,000	4200	3000	137	0-10	Single pack	
	EvoKit CLKE 2x4 47L 34W 830 0-10 P1 BAC	34W	120-277	70,000	4700	3000	133	0-10	Single pack	

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EvoKit Click 2x4 with Interact Pro scalable SWZCS ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLKE SWZCS (Energy Efficient Interact Pro scalable)										
121392	EvoKit CLKE 2x4 42L 29W 840 UNV SWZCS P4	29W	120-277	70,000	4200	4000	136	SWZCS	4 Pack	PIJTAVRN
◆ 121400	EvoKit CLKE 2x4 42L 29W 835 UNV SWZCS P1	29W	120-277	70,000	4200	3500	134	SWZCS	Single Pack	PTVG8GBH
◆ 121426	EvoKit CLKE 2x4 42L 29W 840 UNV SWZCS P1	29W	120-277	70,000	4200	4000	136	SWZCS	Single Pack	P4CU1BIE
121442	EvoKit CLKE 2x4 47L 34W 835 UNV SWZCS P1	34W	120-277	70,000	4700	3500	130	SWZCS	Single Pack	PHC8LCCO
121467	EvoKit CLKE 2x4 47L 34W 840 UNV SWZCS P1	34W	120-277	70,000	4700	4000	132	SWZCS	Single Pack	PR8CHX6V
267682	EvoKit CLKE 2x4 42L 29W 835 UNV SWZCS P4	29W	120-277	70,000	4200	3500	134	SWZCS	4 Pack	PO1HXMB0

See footnotes on the last page.

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EvoKit Click LED retrofit kit 2x4

Buy American Act Compliant** Evokit click 2x4 with Interact Pro scalable SWZCS ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLKE SWZCS (Energy Efficient Interact Pro scalable)										
*	EvoKit CLKE 2x4 42L 29W 840 SWZCS P4 BAC	29W	120-277	70,000	4200	4000	136	SWZCS	4 pack	*
	EvoKit CLKE 2x4 42L 29W 835 SWZCS P1 BAC	29W	120-277	70,000	4200	3500	134	SWZCS	Single pack	
	EvoKit CLKE 2x4 42L 29W 840 SWZCS P1 BAC	29W	120-277	70,000	4200	4000	136	SWZCS	Single pack	
	EvoKit CLKE 2x4 47L 34W 835 SWZCS P1 BAC	34W	120-277	70,000	4700	3500	130	SWZCS	Single pack	
	EvoKit CLKE 2x4 47L 34W 840 SWZCS P1 BAC	34W	120-277	70,000	4700	4000	132	SWZCS	Single pack	
	EvoKit CLKE 2x4 42L 29W 835 SWZCS P4 BAC	29W	120-277	70,000	4200	3500	134	SWZCS	4 Pack	

* for Product No. and Model No. please contact Philips Account Manager

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Interact Pro scalable sensor for Foundation, Advanced & Enterprise tiers (SWZCS and an evolution of SpaceWise)

- SWZCS is a connected sensor with integral occupancy and daylight sensing and supports wireless mesh connectivity.
- The sensor works in the Foundation mode (similar to SpaceWise) when configured without a gateway or in an Interact Pro Advanced or Enterprise mode if a compatible gateway is used.
- Interact Pro includes an App, a portal and a broad portfolio of wireless luminaires, lamps and retrofit kits all working on the same system.
- Startup is implemented via Interact Pro App (Android or iPhone) & Bluetooth connectivity. The App provides flexibility to choose between a gateway or non gateway mode for setup.
- Setup with the gateway requires wired internet access to the gateway. It is possible to add a gateway at a later point.
- Prepare project configuration steps remotely and use IRT9015 remote onsite to identify and group devices together.
- Compatible with:
 - UID8451/10 wireless dimmer switch
 - SWS200 wireless scene switch
 - IRT9015 – handheld remote for grouping and configuration(at least one remote required for any SWZCS installation)
- For more information on Interact Pro visit: www.interact-lighting.com/interact-proscalablesystem
- For more information on Interact Ready visit: www.philips.com/interact-ready

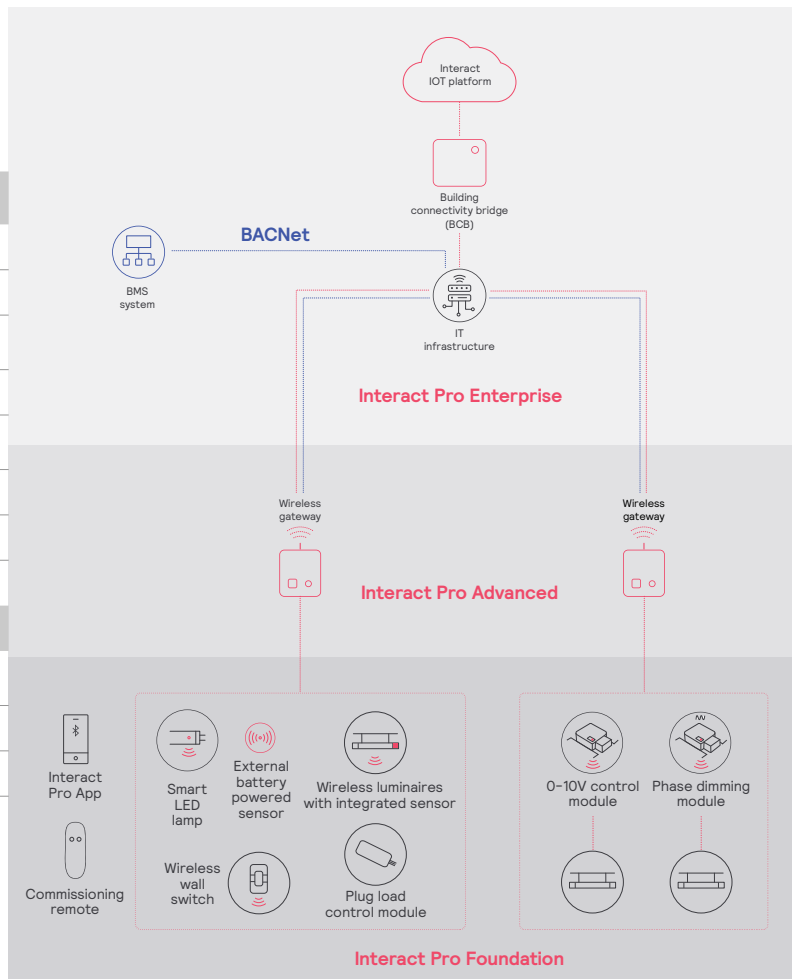
EvoKit Click LED retrofit kit 2x4

Interact Pro scalable system			
	Foundation	Advanced	Enterprise
Dimming, grouping, and zoning	✓	✓	✓
Bluetooth and ZigBee enabled	✓	✓	✓
Motion sensing and daylight harvesting	✓	✓	✓
Integration with 0-10V and phase dimming fixtures	✓	✓	✓
Code compliance	✓	✓	✓
Granular dimming and dwell time	✓	✓	✓
Energy reporting and monitoring		✓	✓
Scheduling		✓	✓
Demand response		✓	✓
BMS integration (BACnet)			✓
Floor plan visualization			✓
IoT sensors for wellness			✓
IoT Apps for productivity			✓

Currently supported maximum system size

To be able to design the lighting system correctly for the customer, it is important to know the prime characteristics of the system, its possibilities and limitations.

System level	
Total number of gateways	Unlimited
Total number of devices	200 per network
• luminaires with integrated sensors	150
• smart TLEDs	150
Total number of ZGP devices (sensors and switches)	50
• sensors	30
• switches	50
• zones and groups	64
Group level	
Recommended number of lights	40 (recommended 25)
Number of ZGP devices	5
Number of scenes	16



EvoKit Click LED retrofit kit 2x4

EvoKit Click 2x4 with Spacewise SWZDT ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLKE SWZDT (Energy Efficient SpaceWise DT)										
◆ 523886	EvoKit CLKE 2x4 42L 29W 840 UNV SWZ P4	29W	120-277	70,000	4200	4000	136	SWZDT	4 Pack	PGHJGPF1
◆ 523498	EvoKit CLKE 2x4 42L 29W 835 UNV SWZ P1	29W	120-277	70,000	4200	3500	134	SWZDT	Single Pack	PLMZAJXS
◆ 523506	EvoKit CLKE 2x4 42L 29W 840 UNV SWZ P1	29W	120-277	70,000	4200	4000	136	SWZDT	Single Pack	PKQO4RN8
523829	EvoKit CLKE 2x4 47L 34W 835 UNV SWZ P1	34W	120-277	70,000	4700	3500	130	SWZDT	Single Pack	PV7X9U4E
523837	EvoKit CLKE 2x4 47L 34W 840 UNV SWZ P1	34W	120-277	70,000	4700	4000	132	SWZDT	Single Pack	PSA78XL7

See footnotes on the last page.

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Buy American Act Compliant** Evokit click 2x4 with Spacewise SWZDT ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLKE SWZDT (Energy Efficient Spacewise DT)										
*	EvoKit CLKE 2x4 42L 29W 840 SWZ P4 BAC	29W	120-277	70,000	4200	4000	136	SWZDT	4 pack	*
	EvoKit CLKE 2x4 42L 29W 835 SWZ P1 BAC	29W	120-277	70,000	4200	3500	134	SWZDT	Single pack	
	EvoKit CLKE 2x4 42L 29W 840 SWZ P1 BAC	29W	120-277	70,000	4200	4000	136	SWZDT	Single pack	
	EvoKit CLKE 2x4 47L 34W 835 SWZ P1 BAC	34W	120-277	70,000	4700	3500	130	SWZDT	Single pack	
	EvoKit CLKE 2x4 47L 34W 840 SWZ P1 BAC	34W	120-277	70,000	4700	4000	132	SWZDT	Single pack	

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SpaceWise SWZDT

- Standalone daylight and occupancy sensing with advanced grouping, wireless mesh networking and dwell time.
- Commissioning via compatible Android phone and Philips Field App
- Dimming via compatible Zigbee wireless wall switch only (see link below for details)
- Register for the commissioning app at <http://registration.componentcloud.philips.com/appregistration/>
- Integral sensing options may not be combined
- For more information including recommended switches, refer to the following: – **SWZDT** – www.usa.lighting.philips.com/systems/lighting-systems/spacewise

EvoKit Click LED retrofit kit 2x4

EvoKit Click 2x4 Sensor Ready ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLKE SR (Energy Efficient Sensor Ready)										
523670	EvoKit CLKE 2x4 30L 22W 840 UNV SR P4	22W	120-277	70,000	3000	4000	143	SR	4 Pack	P1K4KUIR
523696	EvoKit CLKE 2x4 36L 28W 840 UNV SR P4	28W	120-277	70,000	3600	4000	136	SR	4 Pack	PPEPMA9U
523712	EvoKit CLKE 2x4 42L 32W 835 UNV SR P4	32W	120-277	70,000	4200	3500	136	SR	4 Pack	PAY6299T
523738	EvoKit CLKE 2x4 42L 32W 840 UNV SR P4	32W	120-277	70,000	4200	4000	132	SR	4 Pack	P6CV06DL
521427	EvoKit CLKE 2x4 30L 22W 835 UNV SR P1	22W	120-277	70,000	3000	3500	141	SR	Single Pack	PFUXC34S
521468	EvoKit CLKE 2x4 30L 22W 840 UNV SR P1	22W	120-277	70,000	3000	4000	143	SR	Single Pack	PQGC5S80
521476	EvoKit CLKE 2x4 36L 28W 835 UNV SR P1	28W	120-277	70,000	3600	3500	134	SR	Single Pack	PJNOWT2J
521500	EvoKit CLKE 2x4 36L 28W 840 UNV SR P1	28W	120-277	70,000	3600	4000	136	SR	Single Pack	PCPFICK6
521534	EvoKit CLKE 2x4 42L 32W 835 UNV SR P1	32W	120-277	70,000	4200	3500	134	SR	Single Pack	PO7K9LMU
520304	EvoKit CLKE 2x4 42L 32W 840 UNV SR P1	32W	120-277	70,000	4200	4000	136	SR	Single Pack	PQFXJL79
521575	EvoKit CLKE 2x4 47L 36W 835 UNV SR P1	36W	120-277	70,000	4700	3500	130	SR	Single Pack	PA6H9GOV
521591	EvoKit CLKE 2x4 47L 36W 840 UNV SR P1	36W	120-277	70,000	4700	4000	132	SR	Single Pack	PV1N97YA

See footnotes on the last page.

Buy American Act Compliant** Evokit click 2x4 Sensor Ready ordering guide

Product Number	Description	Watts ³	Volts	Lumen Maint. (Hrs.) ²	Approx. Lumens ³	Color Temp. (K)	Efficacy	Dim	Pkg	DLC Code
CLKE SR (Energy Efficient Sensor Ready)										
*	EvoKit CLKE 2x4 30L 22W 840 SR P4 BAC	22W	120-277	70,000	3000	4000	143	SR	4 pack	*
	EvoKit CLKE 2x4 36L 28W 840 SR P4 BAC	28W	120-277	70,000	3600	4000	136	SR	4 pack	
	EvoKit CLKE 2x4 42L 32W 835 SR P4 BAC	32W	120-277	70,000	4200	3500	136	SR	4 pack	
	EvoKit CLKE 2x4 42L 32W 840 SR P4 BAC	32W	120-277	70,000	4200	4000	132	SR	4 pack	
	EvoKit CLKE 2x4 30L 22W 835 SR P1 BAC	22W	120-277	70,000	3000	3500	141	SR	Single pack	
	EvoKit CLKE 2x4 30L 22W 840 SR P1 BAC	22W	120-277	70,000	3000	4000	143	SR	Single pack	
	EvoKit CLKE 2x4 36L 28W 835 SR P1 BAC	28W	120-277	70,000	3600	3500	134	SR	Single pack	
	EvoKit CLKE 2x4 36L 28W 840 SR P1 BAC	28W	120-277	70,000	3600	4000	136	SR	Single pack	
	EvoKit CLKE 2x4 42L 32W 835 SR P1 BAC	32W	120-277	70,000	4200	3500	134	SR	Single pack	
	EvoKit CLKE 2x4 42L 32W 840 SR P1 BAC	32W	120-277	70,000	4200	4000	136	SR	Single pack	
	EvoKit CLKE 2x4 47L 36W 835 SR P1 BAC	36W	120-277	70,000	4700	3500	130	SR	Single pack	
	EvoKit CLKE 2x4 47L 36W 840 SR P1 BAC	36W	120-277	70,000	4700	4000	132	SR	Single pack	

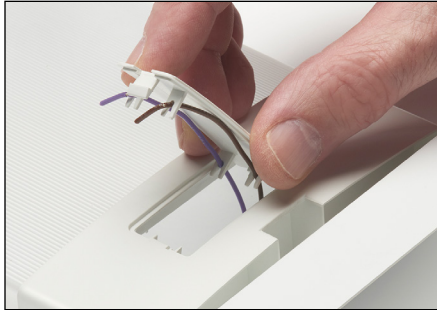
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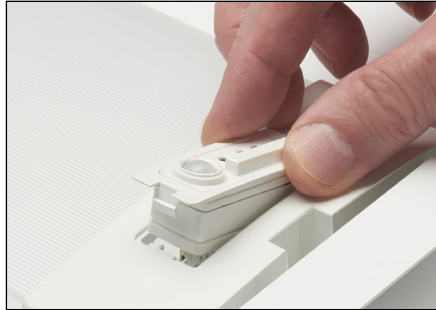
EvoKit Click LED retrofit kit 2x4

EvoKit Sensor Ready (SR) with Philips Advance Xitanium SR for connected lighting solutions

EvoKit SR is a new platform that allows users to choose different control platforms to suit their needs and budget; from simple occupancy and daylight sensing to cloud-connected data-reporting sensing. This empowers users to fine-tune their energy use for reduced energy costs. Various Interact, Philips SpaceWise, and EasySense controls are available. Please refer to Philips.com/EvoKit for details. Contact your Philips representative for a current list of additional approved sensors. Sensors are connected in the field with just a few simple steps:



Step 1: EvoKit click SR is shipped with a plate covering the sensor hole. There are two wires secured to the back of the plate. The plate can be removed before or after you install the EvoKit click SR in the ceiling.



Step 2: Remove the two wires that were secured to the back of the plate and insert them in an approved sensor for use with EvoKit. They are not polarity sensitive.



Step 3: An adapter bracket is shipped with every EvoKit click SR. Install this adapter ring to the sensor and make sure it is securely fit. Then place the sensor and adapter bracket into the EvoKit SR endcap.

EvoKit bulk pack

EvoKit click is designed to reduce the hidden environmental costs of lighting retrofits. With newly designed multi-unit packaging for EvoKit click, cardboard waste from the 2x4 and 2x2 troffer kits has been reduced by 66% and 77% respectively compared to its predecessor, EvoKit Gen4.

Previously, only 24 kits were able to fit on a single pallet, but, with the new multi-unit packaging, 60 2x4 kits fit on one pallet. This allows for 3,840 units to be fully loaded onto a 53' truck compared to 1,536 units of the previous generation. This results in 2.5x better transportation utilization and storage capacity with the EvoKit click.



Commercial Product Name	Order Code
EasySense EVO200	516575
Philips single rocker self powered wireless switch	UID8451/10

* EVO200 comes pre-installed in the Gen4 bracket. To install in EvoKit click, this bracket will need removed in the field. Please see www.philips.com/evokit for instructions on removing bracket.

EvoKit Click LED retrofit kit 2x4

Application

- A highly efficient, visually comfortable, architecturally styled LED retrofit kit designed to replace recessed linear fluorescent troffers.
- Unique modular design offers refreshing new look in the ceiling when compared to traditional fluorescent luminaires.
- Single light bar combined with slanted troffer helps reflect light to reduce glare and provide uniform light distribution making it ideal for applications such as offices, schools, healthcare and retail.
- Excellent color rendering with a CRI above 80.
- Extremely high efficacies up to 149 lumens per watt.
- LEDs are an excellent source for use with controls since dimming or frequent switching does not degrade the performance or life of the source.
- Designed for use with standard grid (NEMA "G") or Narrow Grid (NEMA "NFG") ceiling T-Grids.
- High efficiency source and luminaire design help significantly reduce energy consumption and more easily comply with known energy codes.
- Helps meet regulation requirements such as ASHRAE 90.1 and Title 24 when matched with suitable controls.
- EvoKit click is designed for use in most recessed troffers. Some existing fixtures may have features which interfere. Please refer to schematics below.

Enclosure Construction/Finish

- Simple design allows for quick installation in existing luminaire without the need to break the ceiling plenum.
- Constructed using galvanized steel which helps fight rust and makes for more durable product.
- Integrated securement tabs for securement to existing troffer housing.
- Minimum depth of only 3" necessary to allow proper clearance and installation of the EvoKit.
- Retrofit kit is powder coated after fabrication with high quality, durable finish to ensure no unfinished edges and avoid future potential of corrosion.
- Components fit together easily without the need for tools during installation. In addition the light module can be removed from below the ceiling for convenient maintenance and upgrades

Electrical

- Multiple driver options available
 - Philips Advance CertaDrive drivers with 0-10V dimming allow for maximum fixture efficiency and provide 10% dimming.
 - Philips Advance Xitanium SR drivers allow for connectivity options to multiple platforms.
- 5-year limited warranty includes all components of the retrofit kit, including driver, LED board and nonelectrical components.
- Listed with UL and Design Lights Consortium[®] to ensure quality performance and safety standards are met.
- High efficiency LEDs have a minimum 70,000 hour rated life (L₇₀).

Accessories

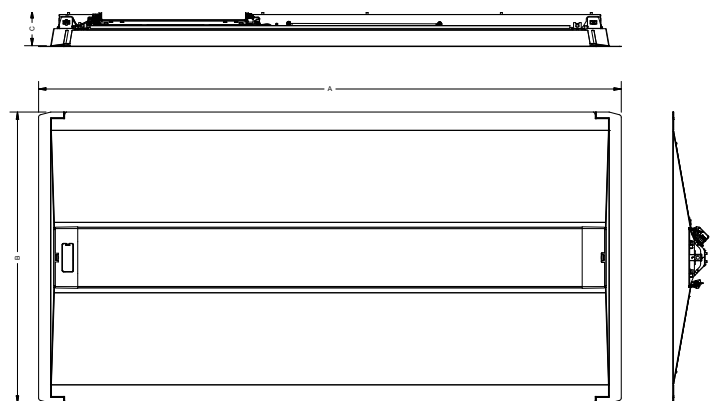
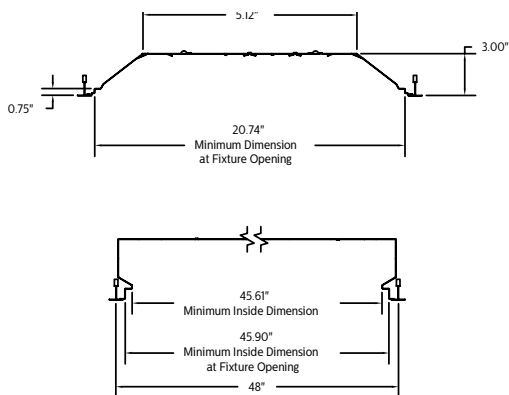
- Suitable for use with Philips 503441 emergency backup or with Philips ER100 UL924 emergency relay.
- Earthquake cables available for additional securement to the existing troffer for areas where required.
- EvoKit accessory replacement kit comes with quarter turns (51 pieces), quick disconnects (12 pieces), spare sensor brackets (12 pieces) and troffer retrofit labels (12 pieces).

Prod. No.	Description
502435	Earthquake cable 317mm
503441	EvoKit field installed emergency battery backup
522094	EvoKit accessory replacement kit
563569	EvoKit field installed ER100 UL924 emergency relay (requires the use of the ER100 field installation kit of wires and screws)
266833	EvoKit ER100 field install kit (comes in pack of 20). One pack needed per emergency relay

Dimensions 2x4

EvoKit click was designed to fit into most parabolic and lensed-recessed troffers with minimum dimensional requirements shown below. Philips recommends a sample installation prior to ordering project quantities to ensure compatibility. Philips EvoKit click retrofit kits are not compatible with air handling fixtures.

A Face Plate Length	B Face Plate Width	C Height
47.83"	23.9"	2.99"



EvoKit Click LED retrofit kit 2x4

EvoKit CLK 2x4 30L 27W 835 UNV 0-10, 2,981 delivered lumens

Catalog No.	521153	Candlepower				Coefficients of Utilization										
Test No.	21153	Angle	End	45	Cross	Back-45	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
S/MH	1.5	0	1159	1159	1159	1159	pcc	80			70			50		
Lamp Type	LED	5	1145	1150	1178	1150	pw	70	50	30	70	50	30	50	30	
Lumens/Watt	118	15	1106	1105	1128	1102	RCR									
Input Watts	27	25	1015	1009	1017	1002	0	119	119	119	116	116	116	111	111	
		35	878	863	864	855	1	109	104	100	106	102	98	98	94	
		45	698	691	693	683	2	99	91	84	97	89	83	86	81	
		55	495	515	506	505	3	91	80	72	88	79	71	76	69	
		65	306	346	331	336	4	83	71	63	81	70	62	68	61	
		75	149	203	197	195	5	77	64	55	75	63	55	61	54	
		85	33	78	68	71	6	71	58	49	69	57	49	55	48	
							7	66	53	44	64	52	44	50	43	
							8	61	48	40	60	47	39	46	39	
							9	57	44	36	56	44	36	42	35	
							10	54	41	33	53	40	33	39	32	

The photometric results were obtained in the Design Lights Consortium Test Lab which is NVLAP accredited by the National Institute of Standards and Technology

Photometric values based on tests performed in compliance with LM-79

Light Distribution			Average Luminance			
Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
0-30	884	29.7	45	1327	1314	1317
0-40	1421	47.7	55	1160	1207	1186
0-60	2396	80.5	65	973	1099	1052
0-90	2978	100.0	75	772	1052	1025
			85	509	1203	1044

EvoKit CLK 2x4 42L 38W 840 UNV 0-10 P1, 4079 delivered lumens

Catalog No.	520213	Candlepower				Coefficients of Utilization										
Test No.	20213	Angle	End	45	Cross	Back-45	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
S/MH	1.4	0	1476	1476	1476	1476	pcc	80			70			50		
Lamp Type	LED	5	1456	1467	1503	1463	pw	70	50	30	70	50	30	50	30	
Lumens/Watt	120	15	1407	1407	1438	1404	RCR									
Input Watts	38	25	1292	1288	1298	1276	0	119	119	119	116	116	116	111	111	
		35	1111	1103	1105	1090	1	109	104	100	106	102	98	98	94	
		45	881	884	887	870	2	99	91	84	97	89	83	86	81	
		55	628	661	654	646	3	91	80	72	88	79	71	76	69	
		65	386	444	433	431	4	83	71	63	81	70	62	68	61	
		75	188	262	261	251	5	77	64	55	75	63	55	61	53	
		85	41	98	84	87	6	71	58	49	69	57	49	55	48	
							7	66	53	44	64	52	44	50	43	
							8	61	48	40	60	47	39	46	39	
							9	57	44	36	56	44	36	42	35	
							10	54	41	33	53	40	33	39	32	

The photometric results were obtained in the Design Lights Consortium Test Lab which is NVLAP accredited by the National Institute of Standards and Technology

Photometric values based on tests performed in compliance with LM-79

Light Distribution			Average Luminance			
Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
0-30	1127	29.6	45	1675	1680	1685
0-40	1811	47.6	55	1472	1549	1533
0-60	3056	80.3	65	1229	1413	1376
0-90	3804	100	75	977	1358	1353
			85	639	1515	1299

EvoKit CLKE 2x4 30L 22W 835 UNV SR P1, 3,093 delivered lumens

Catalog No.	521427	Candlepower				Coefficients of Utilization										
Test No.	21427	Angle	End	45	Cross	Back-45	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
S/MH	1.5	0	1160	1160	1160	1160	pcc	80			70			50		
Lamp Type	LED	5	1144	1152	1181	1152	pw	70	50	30	70	50	30	50	30	
Lumens/Watt	141	15	1103	1107	1129	1105	RCR									
Input Watts	22	25	1014	1010	1020	1006	0	119	119	119	116	116	116	111	111	
		35	874	866	870	861	1	109	104	100	106	102	98	98	94	
		45	695	699	701	692	2	99	91	84	97	89	83	86	80	
		55	493	522	515	513	3	91	80	72	88	79	71	76	69	
		65	306	350	341	344	4	83	71	63	81	70	62	68	61	
		75	149	206	206	200	5	77	64	55	75	63	55	61	53	
		85	32	78	66	70	6	71	58	49	69	57	48	55	48	
							7	66	52	44	64	52	43	50	43	
							8	61	48	40	60	47	39	46	39	
							9	57	44	36	56	44	36	42	35	
							10	54	41	33	53	40	33	39	32	

The photometric results were obtained in the Design Lights Consortium Test Lab which is NVLAP accredited by the National Institute of Standards and Technology

Photometric values based on tests performed in compliance with LM-79

Light Distribution			Average Luminance			
Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
0-30	886	29.5	45	1322	1328	1332
0-40	1426	47.4	55	1156	1222	1206
0-60	2414	80.3	65	972	1114	1085
0-90	3007	100	75	773	1070	1068
			85	489	1201	1019

EvoKit Click LED retrofit kit 2x4

EvoKit CLKE 2x4 36L 27W 835 UNV 0-10 P1, 3,637 delivered lumens

Catalog No.	520262	Candlepower				
		Angle	End	45	Cross	Back-45
Test No.	20262	0	1426	1426	1426	1426
S/MH	1.3	5	1409	1416	1455	1417
Lamp Type	LED	15	1363	1366	1393	1366
Lumens/Watt	141	25	1261	1249	1250	1248
Input Watts	27	35	1102	1060	1039	1057
		45	882	830	817	829
		55	626	609	595	608
		65	380	404	386	404
		75	181	235	229	236
		85	39	88	77	89

The photometric results were obtained in the Design Lights Consortium Test Lab which is NVLAP accredited by the National Institute of Standards and Technology

Photometric values based on tests performed in compliance with LM-79

pcc	Coefficients of Utilization							
	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)							
	80			70			50	
pw	70	50	30	70	50	30	50	30
RCR								
0	119	119	119	116	116	116	111	111
1	109	104	100	106	102	98	98	95
2	99	91	85	97	89	83	86	81
3	91	81	73	88	79	72	76	70
4	84	72	63	81	70	62	68	61
5	77	64	56	75	63	55	61	54
6	71	58	49	69	57	49	55	48
7	66	53	44	64	52	44	51	43
8	62	48	40	60	48	40	46	39
9	58	44	36	56	44	36	43	36
10	54	41	33	53	41	33	40	33

Light Distribution			Average Luminance			
Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
0-30	1095	30.1	45	1676	1577	1554
0-40	1757	48.3	55	1467	1426	1393
0-60	2942	80.9	65	1209	1286	1229
0-90	3637	100	75	940	1218	1189
			85	597	1363	1192

EvoKit CLKE 2x4 42L 30W 835 UNV 0-10 P1, 4,171 delivered lumens

Catalog No.	520288	Candlepower				
		Angle	End	45	Cross	Back-45
Test No.	20288	0	1543	1543	1543	1543
S/MH	1.3	5	1521	1529	1569	1530
Lamp Type	LED	15	1466	1468	1500	1469
Lumens/Watt	138	25	1345	1339	1351	1337
Input Watts	30	35	1162	1146	1152	1141
		45	917	917	923	914
		55	651	682	675	681
		65	401	458	446	457
		75	195	268	269	266
		85	42	102	90	99

The photometric results were obtained in the Design Lights Consortium Test Lab which is NVLAP accredited by the National Institute of Standards and Technology

Photometric values based on tests performed in compliance with LM-79

pcc	Coefficients of Utilization							
	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)							
	80			70			50	
pw	70	50	30	70	50	30	50	30
RCR								
0	119	119	119	116	116	116	111	111
1	109	104	100	106	102	98	98	94
2	99	91	84	97	89	83	86	80
3	91	80	72	88	79	71	76	69
4	83	71	63	81	70	62	68	61
5	77	64	55	75	63	55	61	53
6	71	58	49	69	57	49	55	48
7	66	53	44	64	52	44	50	43
8	61	48	40	60	47	39	46	39
9	57	44	36	56	44	36	42	35
10	54	41	33	53	40	33	39	32

Light Distribution			Average Luminance			
Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
0-30	1176	29.6	45	1743	1742	1755
0-40	1892	47.6	55	1526	1599	1582
0-60	3191	80.3	65	1275	1456	1419
0-90	3973	100	75	1010	1390	1395
			85	642	1572	1394

EvoKit CLKE 2x4 47L 34W 835 UNV 0-10 P1, 4,865 delivered lumens

Catalog No.	521567	Candlepower				
		Angle	End	45	Cross	Back-45
Test No.	21567	0	1751	1751	1751	1751
S/MH	1.4	5	1703	1742	1788	1745
Lamp Type	LED	15	1656	1687	1726	1692
Lumens/Watt	136	25	1539	1547	1573	1559
Input Watts	34	35	1339	1332	1351	1344
		45	1062	1071	1091	1084
		55	756	800	803	814
		65	466	536	533	548
		75	227	316	323	325
		85	49	122	130	130

The photometric results were obtained in the Design Lights Consortium Test Lab which is NVLAP accredited by the National Institute of Standards and Technology

Photometric values based on tests performed in compliance with LM-79

pcc	Coefficients of Utilization							
	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)							
	80			70			50	
pw	70	50	30	70	50	30	50	30
RCR								
0	119	119	119	116	116	116	111	111
1	109	104	100	106	102	98	97	94
2	99	91	84	96	89	83	85	80
3	90	80	72	88	78	71	75	69
4	83	71	62	81	70	62	67	60
5	76	64	55	74	63	54	60	53
6	71	57	49	69	56	48	55	47
7	66	52	43	64	51	43	50	42
8	61	48	39	60	47	39	46	38
9	57	44	36	56	43	35	42	35
10	54	40	33	52	40	32	39	32

Light Distribution			Average Luminance			
Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
0-30	1357	29	45	2431	2451	2496
0-40	2193	46.9	55	2131	2257	2266
0-60	3728	79.7	65	1784	2053	2041
0-90	4674	100	75	1420	1973	2016
			85	904	2263	2406

EvoKit Click LED retrofit kit 2x4

Energy saving solution – EvoKit CLKE 2'x4'

Estimated lighting costs using a standard 3 lamp T8 troffer

Present wattage	85	W
× Annual operating hours	4,380	hrs
	=	372,300 Watt-Hours
÷ 1,000	=	372.3 kWh per year
× kWh rate of \$0.10	=	\$37.23 per year
× 125 fixtures	\$4,653.75	annual energy cost per space

Estimated lighting costs using a Philips 42L 2x4 EvoKit CLKE

Present wattage	30	W
× Annual operating hours	4,380	hrs
	=	131,400 Watt-Hours
÷ 1,000	=	131.40 kWh per year
× kWh rate of \$0.10	=	\$13.14 per year
× 125 fixtures	\$1,642.50	annual energy cost per space

Total estimated annual savings[‡] \$3,011.25

[‡] Based on 125 fixtures per space operating 4,380 hours a year. 125 fixtures is roughly equivalent to a 10,000 square foot space. kWh rates will vary.

FOOTNOTES:

- 1) Please refer to the energy saving chart above for details.
 - 2) L₇₀ 72,000 hours @ 35°C based on TM21 and LM80.
 - 3) Based on photometric testing consistent with IES LM-79. Actual wattage may differ by +/- 10%. Actual initial lumen output may vary between -10 and +10% of the rated lumens.
- *** Please visit <http://www.usa.lighting.philips.com/support/support/warranty> for full details.
- † Restrictions on Hazardous Substances (RoHS) is a European directive (2002/95/EC) designed to limit the content of 6 substances [lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE)] in electrical and electrical products. For products used in North America, compliance with RoHS is voluntary and self-certified.
- ‡ Evokit luminaires are Design Lights Consortium qualified. Please see the DLC QPL list for exact catalog numbers (<http://www.designlights.org/QPL>).

