



Day-Brite/CFI 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.

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

EvoKit Click Configuration Guide

Pre-configured product listing shown in subsequent sections of this spec sheet.

Example: EvoKit CLKE 2x4 36L 24W 840 UNV SWZCS P4

Family	Type	Size	Lumens	Wattage*	CRI/CCT	Air Panel	Voltage	Dimming / Sensor / Driver Options	Packaging
EvoKit									
	CLKE Click Efficient	1x4 2x2 2x4	23L 2,300lm (1x4 & 2x2 only) 30L 3,000lm (2x4 only) 32L 3,200lm (1x4 & 2x2 only) 36L 3,600lm (2x4 only) 42L 4,200lm (2x4 only) 47L 4,700lm (2x4 only)	Selectable 17/22/25W (1x4 & 2x2) 20/26/30W (2x4 only)	835 80CRI, 3500K 840 80CRI, 4000K 850 80CRI, 5000K TW** Tunable White 80CRI, 2700K-6500K	Blank Standard AIR Air handling panels (optional)	UNV Universal Voltage, 120V-277V	0-10 No sensor, 0-10V 0-10 M No sensor, 0-10V, Multi-One Driver 0-10 M DO DayOcc sensor, Multi-One Driver SWZCS Interact wireless sensor	P1 Single Pack P4 4-Pack

* Wattage is determined by lumen package & optional sensor/driver combination.

** Tunable White is not configurable in terms of lumen output; can be configured for air handling panels or single packaging. Other options may be available. Please work with your sales representative for possible configuration.

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

EvoKit Click with 0-10V Dimming ordering guide

Product Number	Description	Size	Watts	Volts	Lumen Hours	Lumens	Color Temp	Efficacy	Dim	Pkg	DLC
CLK (Standard)											
523589	EvoKit CLK 2x2 32L 29W 835 UNV 0-10 P4	2x2	29W	120-277	70,000	3200	3500	117	0-10	4 Pack	P52OVZ5C
523597	EvoKit CLK 2x2 32L 29W 840 UNV 0-10 P4	2x2	29W	120-277	70,000	3200	4000	119	0-10	4 Pack	P2B98AZY
520205	EvoKit CLK 2x4 30L 27W 840 UNV 0-10 P1	2x4	27W	120-277	70,000	3000	4000	120	0-10	Single Pack	PJ93CM4B
523555	EvoKit CLK 2x4 30L 27W 840 UNV 0-10 P4	2x4	27W	120-277	70,000	3000	4000	120	0-10	4 Pack	P242F7YA
521187	EvoKit CLK 2x4 42L 38W 835 UNV 0-10 P1	2x4	38W	120-277	70,000	4200	3500	118	0-10	Single Pack	PU53DVS4
523563	EvoKit CLK 2x4 42L 38W 835 UNV 0-10 P4	2x4	38W	120-277	70,000	4200	3500	118	0-10	4 Pack	PZWCK3EC
520213	EvoKit CLK 2x4 42L 38W 840 UNV 0-10 P1	2x4	38W	120-277	70,000	4200	4000	120	0-10	Single Pack	PZPM9OK2
523571	EvoKit CLK 2x4 42L 38W 840 UNV 0-10 P4	2x4	38W	120-277	70,000	4200	4000	120	0-10	4 Pack	PRN9O49H
CLKE (Energy Efficient)											
521260	EvoKit CLKE 1x4 23L 16W 835 UNV 0-10 P1	1x4	16W	120-277	70,000	2300	3500	144	0-10	Single Pack	PD9TLK7C
521278	EvoKit CLKE 1x4 23L 16W 840 UNV 0-10 P1	1x4	16W	120-277	70,000	2300	4000	149	0-10	Single Pack	P088231I
525287	EvoKit CLKE 1x4 32L 24W 830 UNV 0-10 P1	1x4	24W	120-277	70,000	3200	3000	132	0-10	Single Pack	PPT5DX5
521286	EvoKit CLKE 1x4 32L 24W 835 UNV 0-10 P1	1x4	24W	120-277	70,000	3200	3500	140	0-10	Single Pack	POBYGPA0
520239	EvoKit CLKE 1x4 32L 24W 840 UNV 0-10 P1	1x4	24W	120-277	70,000	3200	4000	140	0-10	Single Pack	PULZ44OCY
523605	EvoKit CLKE 1x4 32L 24W 840 UNV 0-10 P4	1x4	24W	120-277	70,000	3200	4000	140	0-10	4 Pack	PLED09EY
521336	EvoKit CLKE 2x2 23L 16W 835 UNV 0-10 P1	2x2	16W	120-277	70,000	2300	3500	140	0-10	Single Pack	PMGH05VR
521344	EvoKit CLKE 2x2 23L 16W 840 UNV 0-10 P1	2x2	16W	120-277	70,000	2300	4000	142	0-10	Single Pack	P11LMDP2
521377	EvoKit CLKE 2x2 32L 24W 835 UNV 0-10 P1	2x2	24W	120-277	70,000	3200	3500	141	0-10	Single Pack	PI1M1REQ
▲523621	EvoKit CLKE 2x2 32L 24W 835 UNV 0-10 P4	2x2	24W	120-277	70,000	3200	3500	141	0-10	4 Pack	PBBL99UF
520247	EvoKit CLKE 2x2 32L 24W 840 UNV 0-10 P1	2x2	24W	120-277	70,000	3200	4000	143	0-10	Single Pack	PL4YKODF
▲523647	EvoKit CLKE 2x2 32L 24W 840 UNV 0-10 P4	2x2	24W	120-277	70,000	3200	4000	143	0-10	4 Pack	PCGIVN5U
521419	EvoKit CLKE 2x4 30L 21W 835 UNV 0-10 P1	2x4	21W	120-277	70,000	3000	3500	138	0-10	Single Pack	PSMZ3UQV
521450	EvoKit CLKE 2x4 30L 21W 840 UNV 0-10 P1	2x4	21W	120-277	70,000	3000	4000	140	0-10	Single Pack	PJYSUHHO
523662	EvoKit CLKE 2x4 30L 21W 840 UNV 0-10 P4	2x4	21W	120-277	70,000	3000	4000	140	0-10	4 Pack	PGMEGJZR
520270	EvoKit CLKE 2x4 36L 27W 840 UNV 0-10 P1	2x4	27W	120-277	70,000	3600	4000	143	0-10	Single Pack	PFQLXWNV
▲523688	EvoKit CLKE 2x4 36L 27W 840 UNV 0-10 P4	2x4	27W	120-277	70,000	3600	4000	143	0-10	4 Pack	P1KDSH9R
520288	EvoKit CLKE 2x4 42L 30W 835 UNV 0-10 P1	2x4	30W	120-277	70,000	4200	3500	138	0-10	Single Pack	P1W5T132
523704	EvoKit CLKE 2x4 42L 30W 835 UNV 0-10 P4	2x4	30W	120-277	70,000	4200	3500	138	0-10	4 Pack	PM0UHBXD
▲520296	EvoKit CLKE 2x4 42L 30W 840 UNV 0-10 P1	2x4	30W	120-277	70,000	4200	4000	140	0-10	Single Pack	P9S1IOOY
▲523720	EvoKit CLKE 2x4 42L 30W 840 UNV 0-10 P4	2x4	30W	120-277	70,000	4200	4000	140	0-10	4 Pack	PD7HU98K
270082	EvoKit CLKE 2x4 47L 34W 840 UNV 0-10 P4	2x4	34W	120-277	70,000	4700	4000	138	0-10	4 Pack	S-QOWMOL

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

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

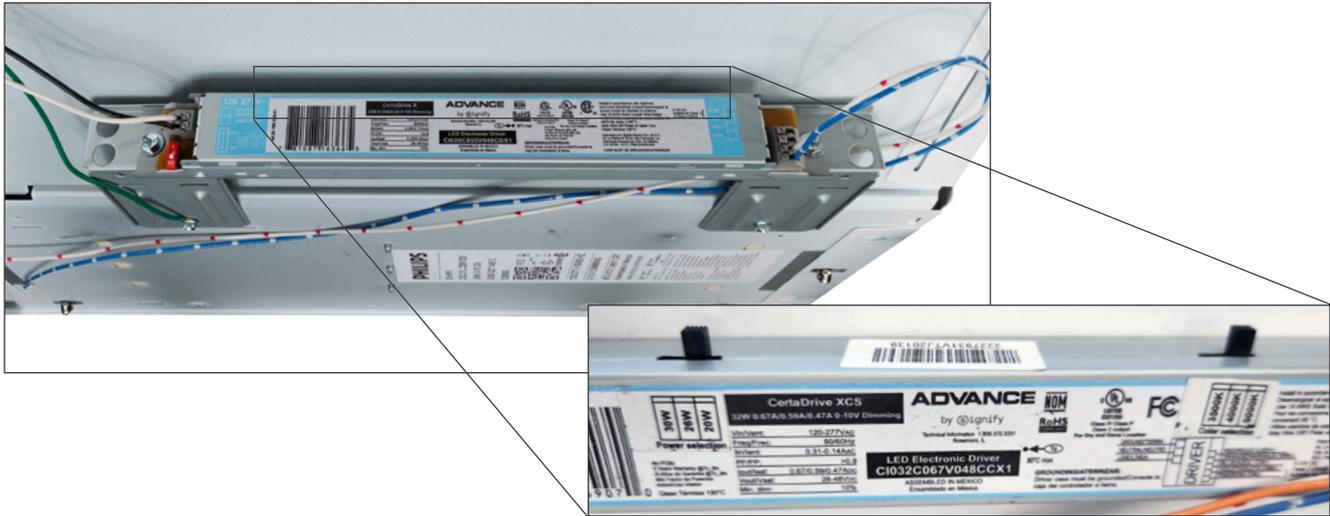
- SWZCS is a connected sensor with integral occupancy and daylight sensing and supports wireless mesh connectivity.
- The sensor works in the Foundation mode (similar to SpaceWise) when configured without a gateway or in an Interact Pro Advanced or Enterprise mode if a compatible gateway is used.
- Interact 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 or UID8451/50 wireless dimmer switch
 - SWS200 or SWS201 wireless scene switch
 - IRT9015 – handheld remote for grouping and configuration(at least one remote required for any SWZCS installation)
- For more info on Interact Pro visit: <https://www.interact-lighting.com/>

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

Evokit Click with Selectable Power and Color

The Evokit click with Selectable Power and Color is field adjustable using 2 switches with 3 options each both for power and color temperature.



Selectable Power

Selectable Color

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

CLKES (Energy Efficient and Selectable Power and Color)

Product Number	Description	Size	Watts	Volts	Lumen Hours	Lumens	Color Temp	Efficacy	Dim	Pkg	DLC		
CLKE (Energy Efficient)													
▲269738	EvoKit CLKES 1x4 UNV 0-10 P1	1x4	17W	120-277	70,000	2600	3500	153	0-10	Single Pack	S-P5KEAG		
						2700	4000	159					
						2650	5000	156					
			22W	120-277	70,000	3200	3500	145					
						3300	4000	150					
						3250	5000	148					
		25W	120-277	70,000	3600	3500	144						
					3700	4000	148						
					3650	5000	146						
		▲269696	EvoKit CLKES 1x4 UNV 0-10 P4	1x4	17W	120-277	70,000	2600	3500	153	0-10	4 Pack	S-0B7W6H
								2700	4000	159			
								2650	5000	156			
22W	120-277				70,000	3200	3500	145					
						3300	4000	150					
						3250	5000	148					
25W	120-277			70,000	3600	3500	144						
					3700	4000	148						
					3650	5000	146						
▲269803	EvoKit CLKES 2x2 UNV 0-10 P1			2x2	17W	120-277	70,000	2600	3500	153	0-10	Single Pack	S-CO71SX
								2700	4000	159			
								2650	5000	156			
		22W	120-277		70,000	3200	3500	145					
						3300	4000	150					
						3250	5000	148					
		25W	120-277	70,000	3600	3500	144						
					3700	4000	148						
					3650	5000	146						
		▲269753	EvoKit CLKES 2x2 UNV 0-10 P4	2x2	17W	120-277	70,000	2600	3500	153	0-10	4 Pack	S-NEJXOV
								2700	4000	159			
								2650	5000	156			
22W	120-277				70,000	3200	3500	145					
						3300	4000	150					
						3250	5000	148					
25W	120-277			70,000	3600	3500	144						
					3700	4000	148						
					3650	5000	146						
▲269837	EvoKit CLKES 2x4 UNV 0-10 P1			2x4	20W	120-277	70,000	3100	3500	155	0-10	Single Pack	S-T2KSHX
								3200	4000	160			
								3150	5000	158			
		26W	120-277		70,000	3850	3500	148					
						3950	4000	152					
						3900	5000	150					
		30W	120-277	70,000	4250	3500	142						
					4350	4000	145						
					4300	5000	143						
		▲269829	EvoKit CLKES 2x4 UNV 0-10 P4	2x4	20W	120-277	70,000	3100	3500	155	0-10	4 Pack	S-MOQWEN
								3200	4000	160			
								3150	5000	158			
26W	120-277				70,000	3850	3500	148					
						3950	4000	152					
						3900	5000	150					
30W	120-277			70,000	4250	3500	142						
					4350	4000	145						
					4300	5000	143						

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

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

CLKE SWZCS (Energy Efficient Interact Pro scalable)

Product Number	Description	Size	Watts	Volts	Lumen Hours	Lumens	Color Temp	Efficacy	Dim	Pkg	DLC
CLKE (Energy Efficient)											
116301	EvoKit CLKE 1x4 20L 15W 835 UNV SWZCS P4	1x4	15W	120-277	70,000	2000	3500	133	SWZCS	4 Pack	S-0T2JZS
116293	EvoKit CLKE 1x4 20L 15W 840 UNV SWZCS P1	1x4	15W	120-277	70,000	2000	4000	133	SWZCS	Single Pack	S-BEJCPN
116285	EvoKit CLKE 1x4 20L 15W 840 UNV SWZCS P4	1x4	15W	120-277	70,000	2000	4000	133	SWZCS	4 Pack	S-HCYENT
114116	EvoKit CLKE 1x4 32L 24W 835 UNV SWZCS P1	1x4	24W	120-277	70,000	3200	3500	142	SWZCS	Single Pack	P3CVAK1G
▲114124	EvoKit CLKE 1x4 32L 24W 840 UNV SWZCS P1	1x4	24W	120-277	70,000	3200	4000	149	SWZCS	Single Pack	P95MEW4K
▲267666	EvoKit CLKE 1x4 32L 24W 840 UNV SWZCS P4	1x4	24W	120-277	70,000	3200	4000	149	SWZCS	4 Pack	PW00K1ZF
116004	EvoKit CLKE 1x4 32L 24W 850 UNV SWZCS P4	1x4	24W	120-277	70,000	3200	5000	149	SWZCS	4 Pack	S-HIDKPE
116244	EvoKit CLKE 2x2 20L 15W 835 UNV SWZCS P4	2x2	15W	120-277	70,000	2000	3500	133	SWZCS	4 Pack	S-DLJ7WY
116236	EvoKit CLKE 2x2 20L 15W 840 UNV SWZCS P1	2x2	15W	120-277	70,000	2000	4000	133	SWZCS	Single Pack	S-UMRSXO
116228	EvoKit CLKE 2x2 20L 15W 840 UNV SWZCS P4	2x2	15W	120-277	70,000	2000	4000	133	SWZCS	4 Pack	S-0RPBNN
▲114157	EvoKit CLKE 2x2 32L 24W 835 UNV SWZCS P1	2x2	24W	120-277	70,000	3200	3500	136	SWZCS	Single Pack	PYFQUQV4
▲267674	EvoKit CLKE 2x2 32L 24W 835 UNV SWZCS P4	2x2	24W	120-277	70,000	3200	3500	136	SWZCS	4 Pack	PG2IVTS2
▲121376	EvoKit CLKE 2x2 32L 24W 840 UNV SWZCS P1	2x2	24W	120-277	70,000	3200	4000	138	SWZCS	Single Pack	P2WPWOM3
▲114140	EvoKit CLKE 2x2 32L 24W 840 UNV SWZCS P4	2x2	24W	120-277	70,000	3200	4000	138	SWZCS	4 Pack	PJHZ10F4
116012	EvoKit CLKE 2x2 32L 24W 850 UNV SWZCS P4	2x2	24W	120-277	70,000	3200	5000	138	SWZCS	4 Pack	S-4V3HSL
270736	EvoKit CLKE 2x4 30L 22W 835 UNV SWZCS P4	2x4	22W	120-277	70,000	3000	3500	141	SWZCS	4 Pack	S-DZ5Y46
270686	EvoKit CLKE 2x4 30L 22W 840 UNV SWZCS P4	2x4	22W	120-277	70,000	3000	4000	143	SWZCS	4 Pack	S-MOBV10
▲121400	EvoKit CLKE 2x4 42L 29W 835 UNV SWZCS P1	2x4	29W	120-277	70,000	4200	3500	134	SWZCS	Single Pack	PTV68GBH
▲267682	EvoKit CLKE 2x4 42L 29W 835 UNV SWZCS P4	2x4	29W	120-277	70,000	4200	3500	134	SWZCS	4 Pack	PO1HXM8O
▲121426	EvoKit CLKE 2x4 42L 29W 840 UNV SWZCS P1	2x4	29W	120-277	70,000	4200	4000	136	SWZCS	Single Pack	P4CU1BIE
▲121392	EvoKit CLKE 2x4 42L 29W 840 UNV SWZCS P4	2x4	29W	120-277	70,000	4200	4000	136	SWZCS	4 Pack	PIJTAVRN
121442	EvoKit CLKE 2x4 47L 34W 835 UNV SWZCS P1	2x4	34W	120-277	70,000	4700	3500	130	SWZCS	Single Pack	PHC8LCCO
121467	EvoKit CLKE 2x4 47L 34W 840 UNV SWZCS P1	2x4	34W	120-277	70,000	4700	4000	132	SWZCS	Single Pack	PR8CHX6V
270025	EvoKit CLKE 2x4 47L 34W 840 UNV SWZCS P4	2x4	34W	120-277	70,000	4700	4000	132	SWZCS	4 Pack	S-BKJWMI
116020	EvoKit CLKE 2x4 47L 34W 850 UNV SWZCS P4	2x4	34W	120-277	70,000	4700	5000	132	SWZCS	4 Pack	S-LT3M7B

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

Evokit Click 2x4 Tunable White TW with Interact Pro scalable SWZCS ordering guide

Product Number	Description	Size	Watts	Volts	Lumen Hours	Lumens	Color Temp	Efficacy	Dim	Pkg	DLC
CLKE (Energy Efficient)											
▲114678	EvoKit CLKE 1x4 32L TW UNV SWZCS P4	1x4	24W	120-277	70,000	3200	2700	133	SWZCS	4 Pack	S-29X4JY
			23W	120-277	70,000	3200	4000*	139			
			24W	120-277	70,000	3200	6500	149			
▲114686	EvoKit CLKE 2x2 32L TW UNV SWZCS P4	2x2	23W	120-277	70,000	3200	6500	139	SWZCS	4 Pack	S-9CK2XY
			24W	120-277	70,000	3200	4000*	133			
			25W	120-277	70,000	3200	2700	128			
114702	EvoKit CLKE 2x4 30L TW UNV SWZCS P4	2x4	21W	120-277	70,000	3000**	6500	143	SWZCS	4 Pack	S-FE2S5N
			22W	120-277	70,000	3000	4000*	136			
			23W	120-277	70,000	3000	2700	130			
▲114710	EvoKit CLKE 2x4 42L TW UNV SWZCS P4	2x4	30W	120-277	70,000	4200	6500	140	SWZCS	4 Pack	S-LB1Q2A
			32W	120-277	70,000	4200	4000*	131			
			33W	120-277	70,000	4200	2700	127			
114728	EvoKit CLKE 2x4 47L TW UNV SWZCS P4	2x4	34W	120-277	70,000	4700	6500	138	SWZCS	4 Pack	S-C4YXTJA
			36W	120-277	70,000	4700	4000*	131			
			38W	120-277	70,000	4700	2700	124			

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

**Default color temperature

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

interact



Gateway Connected

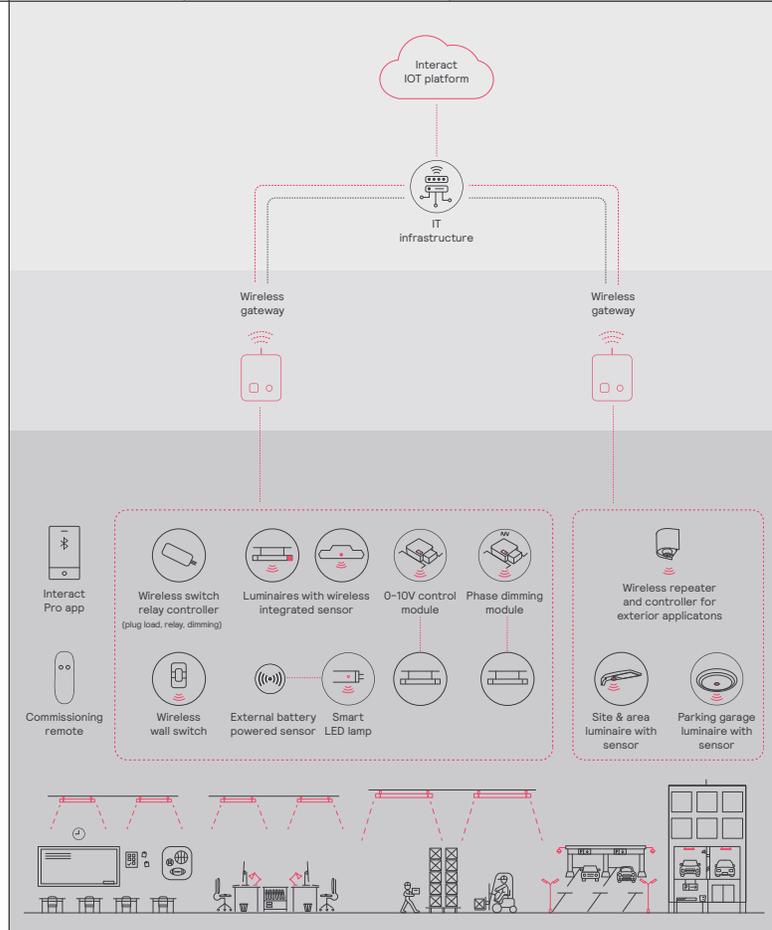
	Standalone	Option 1	Option 2
Dimming, grouping, and zoning	✓	✓	✓
Bluetooth and ZigBee enabled	✓	✓	✓
Motion sensing and daylight harvesting	✓	✓	✓
Integration with 0-10V and phase dimming fixtures	✓	✓	✓
Code compliance	✓	✓	✓
Granular dimming and dwell time	✓	✓	✓
Correlated color temperature (CCT) tuning by switch	New ✓	✓	✓
Support for sensor-based Tunable White luminaires	New ✓	✓	✓
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
• Zones + groups	64
Total number of ZGP devices (sensors and switches)	50
• Sensors	30
• Switches	50

Group level	
Recommended number of lights	40 (maximum 150)
Number of ZGP devices	5
Number of scenes	16



CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

EvoKit Click with 0-10V Dimming and MultiOne Mobile ordering guide

Product Number	Description	Size	Watts	Volts	Lumen Hours	Lumens	Color Temp	Efficacy	Dim	Pkg	DLC
CLKE (Energy Efficient)											
115543	EvoKit CLKE 1x4 32L 24W 835 0-10 M P4	1x4	24W	120-277	70,000	3200	3500	143	0-10	4 Pack	S-OJ11C5
115535	EvoKit CLKE 1x4 32L 24W 840 0-10 M P4	1x4	24W	120-277	70,000	3200	4000	145	0-10	4 Pack	S-YVP6G0
115568	EvoKit CLKE 2x2 32L 24W 835 0-10 M P4	2x2	24W	120-277	70,000	3200	3500	138	0-10	4 Pack	S-O78S61
115550	EvoKit CLKE 2x2 32L 24W 840 0-10 M P4	2x2	24W	120-277	70,000	3200	4000	140	0-10	4 Pack	S-TDZAE4
115584	EvoKit CLKE 2x4 42L 29W 835 0-10 M P4	2x4	29W	120-277	70,000	4200	3500	137	0-10	4 Pack	S-UN0BKF
115576	EvoKit CLKE 2x4 42L 29W 840 0-10 M P4	2x4	29W	120-277	70,000	4200	4000	139	0-10	4 Pack	S-5OP32T

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

EvoKit Click with 0-10V Dimming, MultiOne Mobile and Daylight/Occupancy sensor ordering guide

Product Number	Description	Size	Watts	Volts	Lumen Hours	Lumens	Color Temp	Efficacy	Dim	Pkg	DLC
CLKE (Energy Efficient)											
115600	EvoKit CLKE 1x4 32L 24W 835 0-10 M DO P4	1x4	24W	120-277	70,000	3200	3500	142	0-10	4 Pack	S-IHWA40
115592	EvoKit CLKE 1x4 32L 24W 840 0-10 M DO P4	1x4	24W	120-277	70,000	3200	4000	144	0-10	4 Pack	S-PXVJB0
115626	EvoKit CLKE 2x2 32L 24W 835 0-10 M DO P4	2X2	24W	120-277	70,000	3200	3500	137	0-10	4 Pack	S-60XB30
115618	EvoKit CLKE 2x2 32L 24W 840 0-10 M DO P4	2X2	24W	120-277	70,000	3200	4000	139	0-10	4 Pack	S-OAP4JV
115642	EvoKit CLKE 2x4 42L 29W 835 0-10 M DO P4	2x4	29W	120-277	70,000	4200	3500	136	0-10	4 Pack	S-EGTJ6U
115634	EvoKit CLKE 2x4 42L 29W 840 0-10 M DO P4	2x4	29W	120-277	70,000	4200	4000	138	0-10	4 Pack	S-W8L917

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

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.



EvoKit Click air return accessories ordering guide

Product Number	Description	Packaging
EvoKit Click Air Return Accessory		
115774	1x4 Air Return ACCY P8	Serves 8 EvoKit Clicks (includes 16 panels)
115782	2x2 Air Return ACCY P16	Serves 16 EvoKit Clicks (includes 32 panels)
115790	2x4 Air Return ACCY P8	Serves 8 EvoKit Clicks (includes 16 panels)

Air Return accessories data

Air return accessories of EvoKit click are suitable for retrofitting listed air return troffers.

2x4 air return data							
1x4* Data	Return Air Volume, SCFM.	105	119	128	162	259	272
	Negative Static Pressure, in. H2O	0.05	0.08	0.10	0.20	0.45	0.55
	Noise Criteria (NC)*	<15	32	32	36	38	40
2x2** Data	Return Air Volume, SCFM.	61	69	80	97	112	131
	Negative Static Pressure, in. H2O	0.11	0.15	0.20	0.30	0.40	0.55
	Noise Criteria (NC)*	17	21	25	31	34	38
2x4* Data	Return Air Volume, SCFM.	105	119	128	162	259	272
	Negative Static Pressure, in. H2O	0.05	0.08	0.10	0.20	0.45	0.55
	Noise Criteria (NC)*	<15	32	32	36	38	40

* 50 total air slots, each 30mm x 6mm.

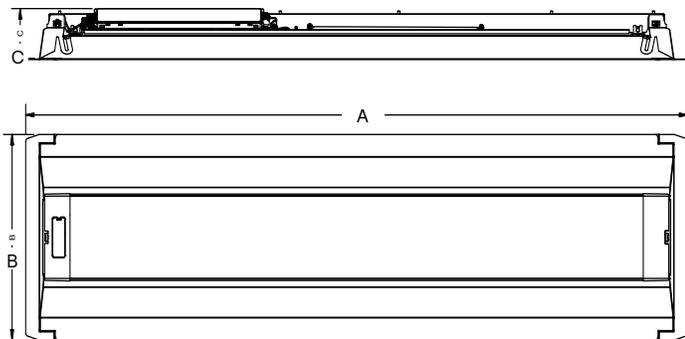
** 24 total air slots, each 30mm x 6mm.

CLKE/CLKES EvoKit Click

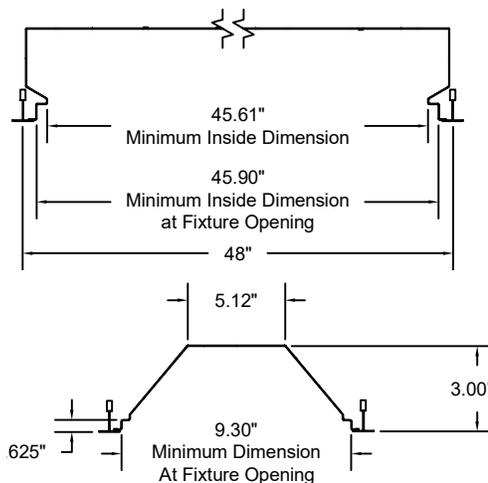
Retrofit kits 2x4, 2x2 & 1x4

Dimensions 2x4

EvoKit click was designed to fit into most parabolic and lensed-recessed troffers with minimum dimensional requirements shown below. We recommend a sample installation prior to ordering project quantities to ensure compatibility.



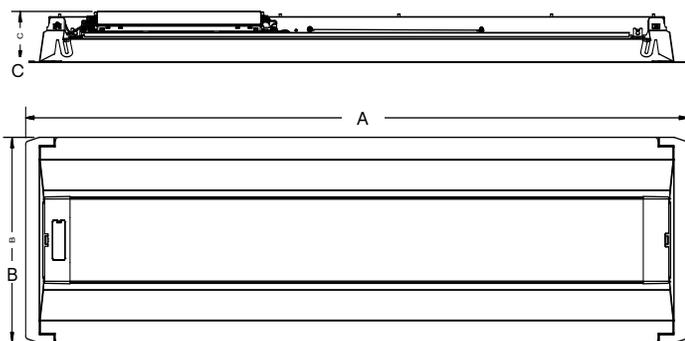
A - Face Plate Length	B - Face Plate Width	C - Height
47.83"	23.9"	2.99"



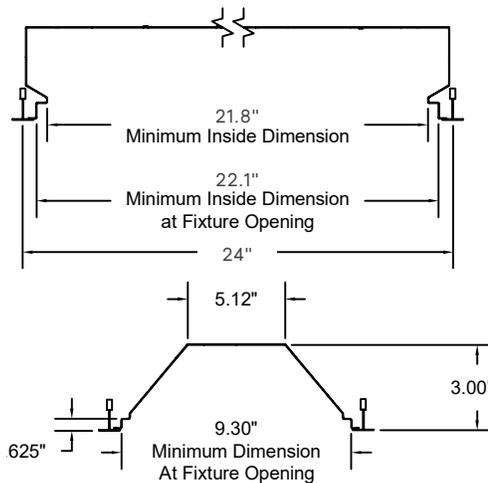
**Please Note: When installing emergency lighting, a greater minimum depth may be required.

Dimensions 2x2

EvoKit click was designed to fit into most parabolic and lensed-recessed troffers with minimum dimensional requirements shown below. We recommend a sample installation prior to ordering project quantities to ensure compatibility.



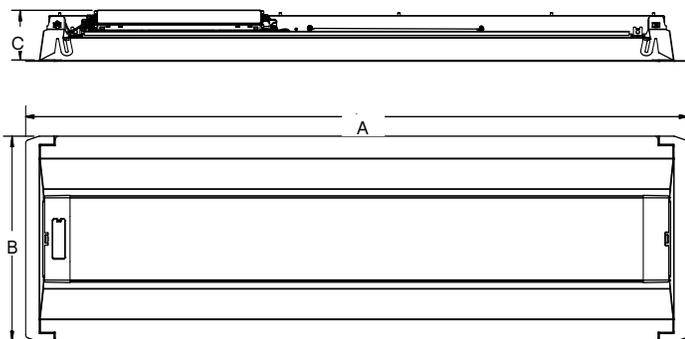
A - Face Plate Length	B - Face Plate Width	C - Height
23.9"	23.9"	2.99"



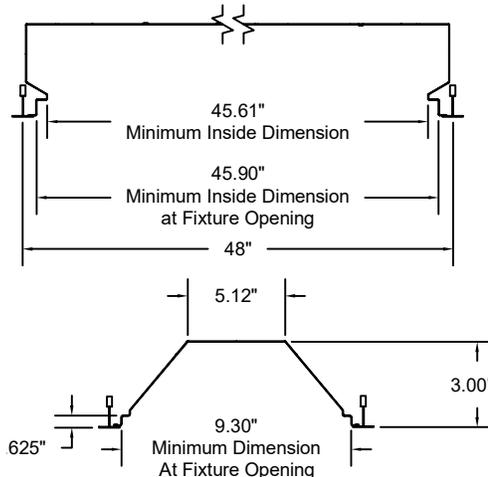
**Please Note: When installing emergency lighting, a greater minimum depth may be required.

Dimensions 1x4

EvoKit click was designed to fit into most parabolic and lensed-recessed troffers with minimum dimensional requirements shown below. We recommend a sample installation prior to ordering project quantities to ensure compatibility.



A - Face Plate Length	B - Face Plate Width	C - Height
47.83"	11.89"	2.99"



**Please Note: When installing emergency lighting, a greater minimum depth may be required.

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

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 – fights rust and makes for more durable product.
- Integrated secure tabs for connection 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 ceiling for convenient maintenance/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 support 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).

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

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

Catalog No. 521153
 Test No. 21153
 S/MH 1.5
 Lamp Type LED
 Lumens/Watt 118
 Input Watts 27

Candlepower Angle	End	45	Cross	Back-45
0	1159	1159	1159	1159
5	1145	1150	1178	1150
15	1106	1105	1128	1102
25	1015	1009	1017	1002
35	878	863	864	855
45	698	691	693	683
55	495	515	506	505
65	306	346	331	336
75	149	203	197	195
85	33	78	68	71

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

Coefficients of Utilization

Effective floor cavity reflectance 20 per (pfc=0.20)

pcc	80			70			50	
	70	50	30	70	50	30	50	30
pw								
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	81
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	54
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

Degrees	Lumens	% Luminaire	Average Luminance			
0-30	0-40	0-60	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
 Test No. 20213
 S/MH 1.4
 Lamp Type LED
 Lumens/Watt 120
 Input Watts 38

Candlepower Angle	End	45	Cross	Back-45
0	1476	1476	1476	1476
5	1456	1467	1503	1463
15	1407	1407	1438	1404
25	1292	1288	1298	1276
35	1111	1103	1105	1090
45	881	884	887	870
55	628	661	654	646
65	386	444	433	431
75	188	262	261	251
85	41	98	84	87

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

Coefficients of Utilization

Effective floor cavity reflectance 20 per (pfc=0.20)

pcc	80			70			50	
	70	50	30	70	50	30	50	30
pw								
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	81
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	54
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

Degrees	Lumens	% Luminaire	Average Luminance			
0-30	0-40	0-60	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 1x4 32L 25W 835 UNV SR P1, 3,438 delivered lumens

Catalog No. 521427
 Test No. 21427
 S/MH 1.5
 Lamp Type LED
 Lumens/Watt 141
 Input Watts 22

Candlepower Angle	End	45	Cross	Back-45
0	1160	1160	1160	1160
5	1144	1152	1181	1152
15	1103	1107	1129	1105
25	1014	1010	1020	1006
35	874	866	870	861
45	695	699	701	692
55	493	522	515	513
65	306	350	341	344
75	149	206	206	200
85	32	78	66	70

Comparative yearly lighting energy cost per 1000 lumens - \$1.80 based on 3000 hours and \$0.08/kWh

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

Coefficients of Utilization

Effective floor cavity reflectance 20 per (pfc=0.20)

pcc	80			70			50	
	70	50	30	70	50	30	50	30
pw								
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	81
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	54
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

Degrees	Lumens	% Luminaire	Average Luminance			
0-30	0-40	0-60	Angle	End	45°	Cross
0-30	836	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	100.0	75	773	1070	1068
			85	489	1201	1019

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

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

Catalog No.	520262	Candlepower				
Test No.	20262	Angle	End	45	Cross	Back-45
S/MH	1.3	0	1426	1426	1426	1426
Lamp Type	LED	5	1409	1416	1455	1417
Lumens/Watt	141	15	1363	1366	1395	1366
Input Watts	27	25	1261	1249	1250	1248
		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

Coefficients of Utilization									
Effective floor cavity reflectance 20 per (pfc=0.20)									
pcc	80			70			50		
	70	50	30	70	50	30	50	30	
pw									
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				
Test No.	20288	Angle	End	45	Cross	Back-45
S/MH	1.3	0	1543	1543	1543	1543
Lamp Type	LED	5	1521	1529	1569	1530
Lumens/Watt	138	15	1466	1468	1500	1469
Input Watts	30	25	1345	1339	1351	1337
		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

Coefficients of Utilization									
Effective floor cavity reflectance 20 per (pfc=0.20)									
pcc	80			70			50		
	70	50	30	70	50	30	50	30	
pw									
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				
Test No.	21567	Angle	End	45	Cross	Back-45
S/MH	1.4	0	1751	1751	1751	1751
Lamp Type	LED	5	1703	1742	1788	1745
Lumens/Watt	136	15	1656	1687	1726	1692
Input Watts	34	25	1539	1547	1573	1559
		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

Coefficients of Utilization									
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
pcc	80			70			50		
	70	50	30	70	50	30	50	30	
pw									
RCR									
0	118	118	118	115	115	115	111	111	
1	108	103	98	106	101	96	96	93	
2	97	90	82	94	88	81	83	79	
3	89	78	69	86	77	68	73	67	
4	81	68	59	79	68	58	65	57	
5	75	61	52	72	59	52	57	51	
6	68	55	46	67	54	46	52	45	
7	64	50	40	61	48	40	47	40	
8	58	46	36	57	45	36	42	35	
9	55	41	33	54	40	33	40	33	
10	52	38	29	51	38	29	36	29	

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

CLKE/CLKES EvoKit Click

Retrofit kits 2x4, 2x2 & 1x4

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 EvoKit CLKE 42L 30W retrofit kit

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 <https://www.signify.com/en-us/support/warranties> 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>).