



2' x 4'
Shown with
Sensor Connect



2' x 2'
Shown with
Sensor Connect

1' x 4' Option Available

SIMPLE CHOICE TROFFER

Smart Sensor Embedded High Efficiency Lighting

APPLICATIONS: INDUSTRIAL AND COMMERCIAL FACILITIES WITH HIGH CEILINGS

Next generation smart lighting, with greater flexibility and connectivity options. The Simple Choice Series leads a broad portfolio of RCA troffers and flat panel lights with a commercial spec-grade and retrofit kit offering that drives profitability and payback for any commercial application.

- | **Wireless Smart Lighting Embedded for high end luminaire lighting control.**
- | **Protective, Commercial grade, 20-gauge cold rolled steel housing.**
- | **Easy maintenance: enclosed lamp chamber prevents debris build-up.**
- | **Optional Factory installed battery Back-up Available**

STANDARD FEATURES

Out-Of-The Box

LUMINAIRE LEVEL LIGHTING CONTROLS

Upgrade with Sensor Connect Smart Controls & Accessories



FUTURE PROOF & SCALABLE

SI Models, Out-of-the-Box
The Simple Choice performs true to spec out of the box. 0 - 10 V dimming capable & **Ready to make the Upgrade to LLLC when you are.**



OCCUPANCY SENSING

Requires | SC Models or RCA-MULTI-SENSOR
An embedded Multi-Sensor with tactile buttons for easy standalone lighting controls. Program min/max levels, motion detection and more.



WIRELESS CONTROLS & OCCUPANCY SENSING

Requires | SC Model, Multi-Sensor & Android Phone
Convert your lights into a wireless mesh network using your Android Device. Group and commission your lighting network, and set up advanced LLLCs.

Ordering Information (For Manufacturing Part Numbers, Use Reference Chart on page 2)

Example: LGE-2X2-SC-25-35-3200-TBV-EM10W

LGE	Product	Size	Controls	Power	CCT	Lumen Package	Type	Options	
LGE		2X4 2' x 4'	SI Standard, Smart Ready	25 25 W, Max <i>*2'x2'; 2'x4' Only</i>	35 3500 K	3200 Up to 3,250 lm <i>*2'x2'; 2'x4' Only</i>	TBV Lay-In Troffer	RCA-MULTI-SENSOR Occupancy Sensor, Wireless Control <i>(Optional)</i>	EM10W Emergency Pack 10W / 90 Min
		2X2 2' x 2' <i>*Must be 25 W</i>	SC Sensor Connect Embedded	31 31 W, Max <i>*1'x4'; 2'x4' Only</i>	40 4000 K	4000 Up to 4,050 lm <i>*1'x2'; 2'x4' Only</i>		LGE-DONGLE-VLC Wireless Communication Module	P##SM-KIT Surface Mount Kit 2'x2', 1'x4', 2'x4'
		1X4 1' x 4' <i>*Must be 31 W</i>						LGE-TBAR-CLIP Retrofit Multi Sensor Clip SI Models	

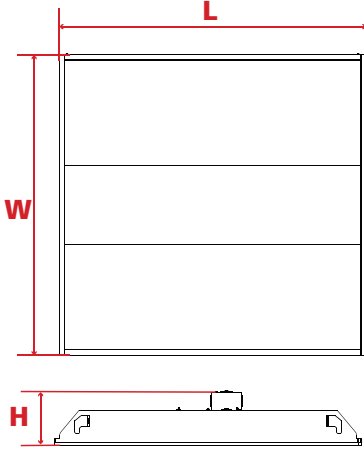
*2X2 and 1X4 models have limited power options and lumen packages available.

SIMPLE CHOICE TROFFER

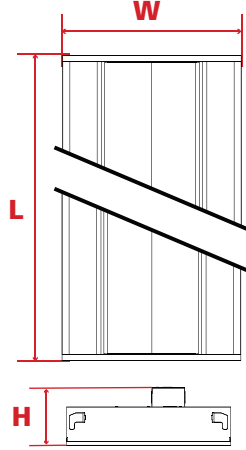
Specs subject to change

Dimensions & Parts

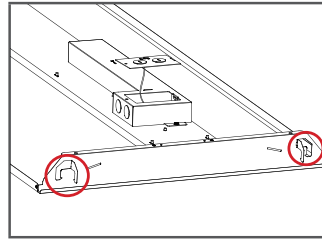
Dimensions : 2' x 2', 2' x 4'



Dimensions : 1' x 4'



Size	Sensor	Width (W)	Length (L)	Height (H)	Weight
2' x 2'	Embedded	23.8"	23.8"	4.1"	7.9 lbs
	No Sensor				7.7 lbs
1' x 4'	Embedded	11.8"	47.8"	4.1"	8.4 lbs
	No Sensor				7.9 lbs
2' x 4'	Embedded	23.8"	47.8"	4.1"	12.6 lbs
	No Sensor				12.3 lbs



Access Plate

- Access Plate Conveniently Located
- T-Bar clips for mounting into ceiling grid.
- Wagos Connectors Included for quick install

Options



Battery Backup	Smart Lighting Controls			Mounting Kits Field-Installable		
EM10W Emergency Pack 10W / 90 Min	RCA-MULTI-SENSOR Occupancy Sensor Wireless Control (Optional)	LGE-DONGLE-VLC Wireless Communication Only	LGE-TBAR-CLIP Retrofit Multi Sensor Clip SI Models	P22SM-KIT Surface Mount Kit 2' x 2'	P14SM-KIT Surface Mount Kit 1' x 4'	P24SM-KIT Surface Mount Kit 2' x 4'

Lighting Specifications

Size	1' x 4'	2' x 2'	2' x 4'
Delivered Lumens	4,050 lm	3,250 lm	3,250 - 4,050 lm
Power	31 W	25 W	25 W - 31 W
Color Temperature	3500 K, 4000 K		
Beam Angle	120°		
Efficacy	130 Lumens Per Watt		
Input Voltage	AC 120 - 277V, 50 - 60 Hz		
CRI	80 +		
L70 Lifetime	50,000 Hours at L ₇₀		
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V		
Mounting	Recessed, Surface Mount		

Part Number Reference Chart

US Order Code	MPN #	US Order Code	MPN #
LGE-1X4SC-31-35-4000-TBV	F3035TA2S31	LGE-1X4SI-31-35-4000-TBV	F3035TA2131
LGE-1X4SC-31-40-4000-TBV	F3040TA2S31	LGE-1X4SI-31-40-4000-TBV	F3040TA2131
LGE-2X2SC-25-35-3200-TBV	F2435TA2S42	LGE-2X2SI-25-35-3200-TBV	F2435TA2142
LGE-2X2SC-25-40-3200-TBV	F2440TA2S42	LGE-2X2SI-25-40-3200-TBV	F2440TA2142
LGE-2X4SC-25-35-3200-TBV	F2535TA2S11	LGE-2X4SI-25-35-3200-TBV	F2535TA2111
LGE-2X4SC-25-40-3200-TBV	F2540TA2S11	LGE-2X4SI-25-40-3200-TBV	F2540TA2111
LGE-2X4SC-31-35-4000-TBV	F3035TA2S11	LGE-2X4SI-31-35-4000-TBV	F3035TA2111
LGE-2X4SC-31-40-4000-TBV	F3040TA2S11	LGE-2X4SI-31-40-4000-TBV	F3040TA2111

MPN = Manufacturer Part Number

Certifications & Warranty

DLC Premium Listed. cULus Listed, UL 1598 Damp Location use. RoHS Compliant. Meets FCC Standards. Covered by RCA Commercial 5 Year Advanced Replacement Warranty.