RCA

COMMERCIAL
LIGHTING & CONTROLS

THE MOST TRUSTED NAME IN ELECTRONICS

RCALIGHTS.COM

RCA COMMERCIAL LIGHTING

THE RCA DIFFERENCE

RCA Commercial Electronics offers a complete line of lighting fixtures with integrated wireless controls. With decades of electronics experience, RCA is uniquely positioned to provide smart lighting and control solutions to the commercial/industrial lighting market. RCA focused on the "smart" (wirelessly controlled) side of the lighting business from the beginning. This decision has proven effective as the lighting industry continues to include lighting controls in more products.

"Smart" lighting can be as simple as an "out of the box" occupancy sensor solution to a large group of fixtures with wireless connectivity. Our complete line of wireless wall switches, sensors and controllers make RCA your complete source for all lighting projects. Our troffers, downlights, highbays and linear strip lights are all in stock with our RCA wireless control components installed. RCA Lighting products are easy to order and easy to commission.

Our Lighting Applications and Controls team is ready to help during the design and installation of your next lighting project. We hope you find this catalog helpful and please contact us (support@rcacommercialtv.com) with any questions.

*VISIT US
ONLINE AT
WWW.RCALIGHTS.COM*

RCA COMMERCIAL ELECTRONICS

TABLE OF
CONTENTS

RCA SENSOR CONNECT
SMART LIGHTING CONTROL SYSTEM

DLC LISTED *NEW!* NLC 5.0 LISTED

What is Sensor Connect

RCA Sensor Connect is a smart lighting control system that meets the needs of customers with commercial buildings that require a lighting control solution, but are discouraged by the complexity of high cost control systems. RCA Sensor Connect is a stand-alone Zigbee wireless mesh network lighting control system that consists of Wireless Sensors, Wireless scheduling switches, High efficacy LED light fixtures configured using the RCA Sensor Connect app. The app makes it easy to create and configure lighting groups controlled by sensors, switches, and automatic schedules that optimize energy savings. It can create unlimited independent control groups without additional network infrastructure.

What We Offer

1. Hardware

- **Luminaires**
- **Scheduling Switches**
- **Scene Selector**
- **Multi-Sensors**
- **Communication Dongle**
- **Commissioning Tools**

2. Software

Sensor Connect Android App

Provides Luminaire Level Lighting Controls from a mobile app. Talk to and program your lights with the touch of a button.

Secure Zigbee Network

Hosted locally, keeping it secure.

3. Support

Simple Commissioning

An RCA team member on-site to help you for a full or half day.

TeamViewer Technical Support

With TeamViewer, we can view your screen, and help you every step of the way.

Designed and Developed for a Variety of Users

The RCA Sensor Connect system adapts to a wide range of install types, from an out-of-box, independent control to the total building management experience.

Job Specifiers
Energy friendly rebates available

Benefits

- Simple stand-alone system
- Allows non-experts to easily control lighting
- Lower Installation Cost
- Easy to specify since RCA makes all the items needed.

Installers
Saves hours/weeks of wiring

Benefits

- No re-circuiting or new control wiring
- Easy Installation & Maintenance
- Significant Reduction in install time
- Requires fewer people to install

Building Owners
Easy tenant upgrades & adds equity

Benefits

- Saving installation & energy costs
- Provide optimum lighting control
- Long Term Flexibility
- No rewiring when reconfiguring lighting to new tenants

"Highly efficient and cost-effective solution that removes the complexity from design...

Major reductions in energy consumption from lighting can be achieved through smart lighting controls. Smart lighting controls done correctly can improve the ambiance of the building environment and significantly reduce installation and maintenance costs. The RCA Smart Lighting system delivers a highly efficient and cost-effective solution that removes the complexity from design, specification, installation, and maintenance.

LEARN MORE ONLINE

Learn about RCA Sensor Connect features, commissioning, advanced setup and more on our YouTube Page.

▶ YouTube

SIMPLE CHOICE TROFFER
Smart Sensor Embedded High Efficiency Lighting

2' x 4'
Shown with Sensor Connect

2' x 2'
Shown with Sensor Connect

1' x 4' Option Available

APPLICATIONS: INDOOR, OFFICE, COMMERCIAL, SCHOOL, HOSPITALS

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.

Plug-and-Play ZigBee Enabled Lighting Controls.

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

OCCUPANCY SENSING

WIRELESS CONTROLS & OCCUPANCY SENSING

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***.

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.

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 *'2'x2', 2'x'4' Only*	**35** 3500 K	**3200** Up to 3,250 lm *'2'x2', 2'x'4' Only*	**TBV** Lay-In Troffer	**RCA-MULTI-SENSOR** Occupancy Sensor, Wireless Control *(Optional)* **EM10W** Emergency Pack 10W / 90 Min
	2X2 2' x 2' *Must be 25 W*	**SC** Sensor Connect Embedded	**31** 31 W, Max *'1'x4', 2'x'4' Only*	**40** 4000 K	**4000** Up to 4,050 lm *'1'x4', 2'x'4' Only*		**LGE-DONGLE-VLC** Wireless Communication Module
	1X4 1' x 4' *Must be 31 W*						**LGE-TBAR-CLIP** Retrofit Multi Sensor Clip SI Models

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

SIMPLE CHOICE | TROFFER

Dimensions & Parts

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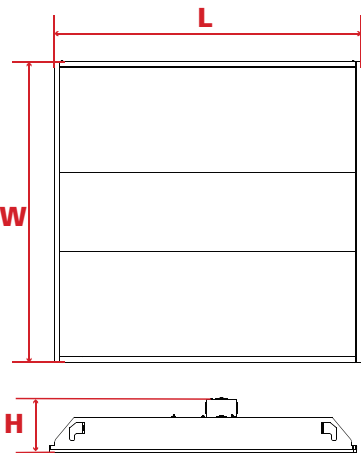
Dimensions : 1' x 4'
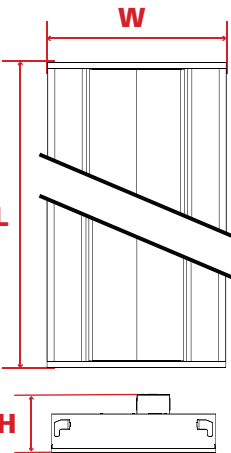
Size	Sensor	Width (W)	Length (L)	Height (H)	Weight
2' x 2'	Embedded	23.8"	23.8"	4.1"	7.9 lbs
	No Sensor				7.7 lbs
1' x 4'	Embedded	11.8"	47.8"	4.1"	8.4 lbs
	No Sensor				7.9 lbs
2' x 4'	Embedded	23.8"	47.8"	4.1"	12.6 lbs
	No Sensor				12.3 lbs
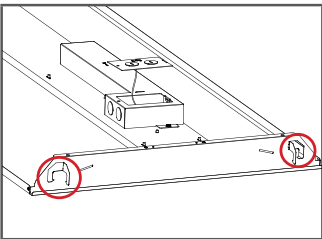
Access Plate

l Access Plate Conveniently Located

l T-Bar clips for mounting into ceiling grid.

l Wagos Connectors Included for
   quick install

Options

Battery Backup	Smart Lighting Controls		
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

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.

2' x 4'
*Shown with
Sensor Connect*

2' x 2'
*Shown with
Side Rails*

SIMPLE CHOICE RETROFIT KIT
Smart Sensor Embedded High Efficiency Lighting

APPLICATIONS: INDOOR, OFFICE, COMMERCIAL, SCHOOL, HOSPITALS

Convert existing fluorescent troffers to code compliant, energy productive, smart lights with the Simple Choice Retrofit Kit. Save Money, Reduce Waste, Deliver improved quality of light while refreshing your space with the Simple Choice Retrofit Kit.

| **Plug-and-Play ZigBee Enabled Lighting Controls.**

| **Door-frame kit offers quick & easy installation in 3 Minutes.**

| **High-Efficiency, Volumetric LED Upgrade for Class A Spaces.**

| **Slotted side rails for plenum air return.**

STANDARD FEATURES
Out-Of-The Box

LUMINAIRE LEVEL LIGHTING CONTROLS
Upgrade with Sensor Connect Smart Controls & Accessories

FUTURE PROOF & SCALABLE

OCCUPANCY SENSING

WIRELESS CONTROLS & OCCUPANCY SENSING

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*.

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.

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-2X4-SC-31-35-4000-RV-LGE-SRTA-2X4-ABRK

LGE								
Product	**Size**	**Controls**	**Power**	**CCT**	**Lumen Package**	**Type**	**Options**	
LGE	**2X4** 2' x 4'	**SI** Standard, Smart Ready	**25** 25 W, Max	**35** 3500 K	**3200** Up to 3,250 lm	**RV** Retrofit Kit Troffer	**RCA-MULTI-SENSOR** Occupancy Sensor, Wireless Control *(Optional)*	**LGE-SRTA-2X2-ABRK** Air Bracket 2'x'2 SI & SC Models
	2X2 2' x 2' *Must be 25 W	**SC** Sensor Connect Embedded	**31** 31 W, Max *2'x'4' Only*	**40** 4000 K	**4000** Up to 4,050 lm * 2'x'4' Only		**LGE-DONGLE-VLC** Wireless Communication Module	**LGE-SRTA-2X4-ABRK** Air Bracket 2'x'2 SI & SC Models
							EM10W† Emergency Pack 10 W / 90 Min	**LGE-SRTA-END-BRK** End Bracket All SI & SC Models

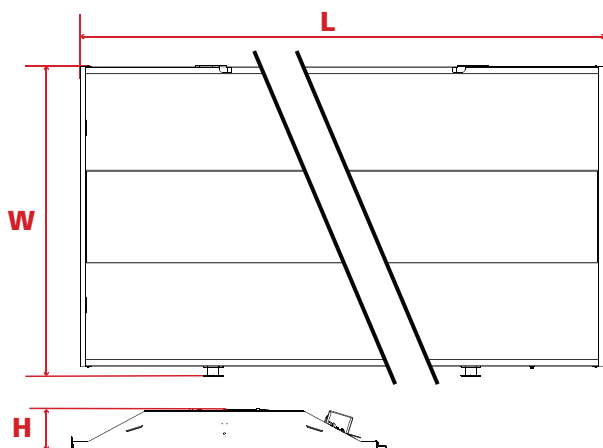*2X2 models have limited power options and lumen packages available.*   †*Must Field Install*
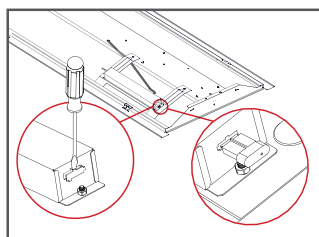
SIMPLE CHOICE | RETROFIT TROFFER

Specs subject to change

Dimensions & Parts

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

Size	Models	Width (W)	Length (L)	Height (H)	Weight
2' x 2'	All	20.6"	22.4"	2.8"	7.9 lbs
2' x 4'	All	20.6"	46.7"	2.8"	12.6 lbs

Retrofit Driver

l Driver Conveniently Located

l Accepts Wireless Communication Dongle

l Wagos Connectors Included for quick install

Options

Battery Backup	Smart Lighting Controls		Mounting Parts | Field-Installable		
EM10W† Emergency Pack 10 W / 90 Min *†Must Field Install*	**RCA-MULTI-SENSOR** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**LGE-SRTA-2X2-ABRK** Air Bracket 2'x'2 SI & SC Models	**LGE-SRTA-2X4-ABRK** Air Bracket 2'x'4 SI & SC Models	**LGE-SRTA-END-BRK** End Bracket All Models

Lighting Specifications

Size	2' x 2'	2' x 4'	2' x 4'
Delivered Lumens	3,250 lm	3,250 lm	4,050 lm
Power	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	82 +		
L70 Lifetime	50,000 Hours at L_{70}		
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V		
Mounting	Recessed		

Part Number Reference Chart

US Order Code	MPN #	US Order Code	MPN #
LGE-2X2SC-25-35-3200-RV	F2435RB1S41	LGE-2X2SI-25-35-3200-RV	F2435RB1141
LGE-2X2SC-25-40-3200-RV	F2440RB1S41	LGE-2X2SI-25-40-3200-RV	F2440RB1141
LGE-2X4SC-25-35-3200-RV	F2535RB1S11	LGE-2X4SI-25-35-3200-RV	F2535RB1111
LGE-2X4SC-25-40-3200-RV	F2540RB1S11	LGE-2X4SI-25-40-3200-RV	F2540RB1111
LGE-2X4SC-31-35-4000-RV	F3035RB1S11	LGE-2X4SI-31-35-4000-RV	F3035RB1111
LGE-2X4SC-31-40-4000-RV	F3040RB1S11	LGE-2X4SI-31-40-4000-RV	F3040RB1111

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.

SELECTABLE CCT LED PANEL
Selectable white dynamic lighting with adjustable power

2' x 4' Selectable
Up to 7,000 lm

2' x 2' Selectable
Up to 5,000 lm

| *3500 K, 4000 K & 5000 K Selectable CCT*

APPLICATIONS: INDOOR, OFFICES, RESTAURANTS, SCHOOLS, HOSPITALS

Selectable Flat Panels usher in a new generation of controllable Lay-In Lights. Selectable White, (Variable CCT) enhances any areas lighting design, by offering multiple color temperature and power usage levels that are flexible to individual needs and preferences.
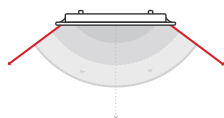
| **Field-Adjustable Light output and Selectable White.**

| **9-in-1 saves shelf space and increases product availability.**

| **0-10V Control Options provide even more fine tuning.**

| **High Efficiency LEDs and Drivers offer up to 140 lm/w**

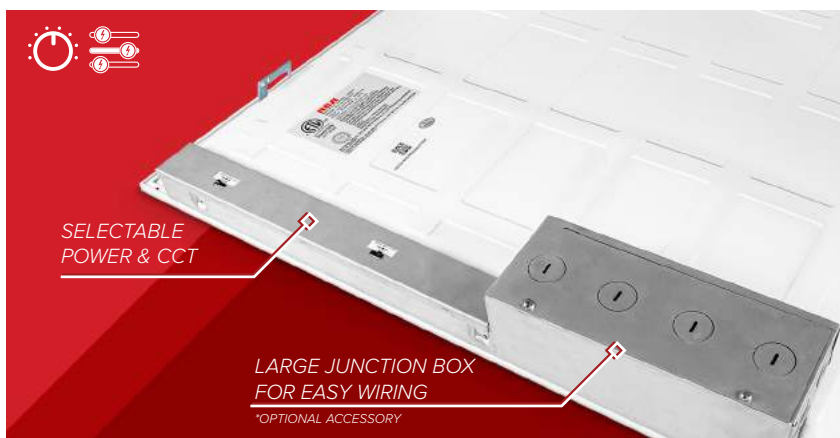## SELECTABLE CCT LED PANEL
Performance Summary

110°
Beam Angle

Up to
7,000 lm

Up to
140 lm/w

0 - 10 V Dimming Capable

Easy to wire & easier to adjust to your needs..

SELECTABLE POWER & CCT

LARGE JUNCTION BOX FOR EASY WIRING
OPTIONAL ACCESSORY

No extra wiring is required for color or brightness tuning. Other Tunable Lighting systems can require DMX cables, color-mixing interfaces, multi-channel drivers, etc, that can take time to install. RCA Tunable White Lights feature an easily accessible dip-switch on the driver for quick adjustments. Need more space for wiring? Add on the large junction box with 8 knockouts for extra space to add connections, daisy chain lights, and more. Customize this light to fit your preferences.

Ordering Information

Example: PS1A1TB1041

Product	Size	Model Number	Watts	Lumens	CCT	Beam	Driver	Options	
Selectable LED Panel Selectable CCT & Power Flat Panel	2' x 4'	**PS1A1TB1011**	30 W	4,200 lm	3500 K 4000 K 5000 K	110°	Universal AC 120- 277 V 50 - 60 Hz	**P22SM-KIT** Surface Mount Kit 2' x 2'	**P24SM-KIT** Surface Mount Kit 2' x 4'
			40 W	5,600 lm					
			50 W	7,000 lm				**EM-L2554-XX** Emergency Pack 24W / 90 Min	**PS1-JBE** Large Junction Box All Models
	2' x 2'	**PS1A1TB1041**	20 W	2,500 lm	3500 K 4000 K 5000 K	110°	Universal AC 120- 277 V 50 - 60 Hz		
			30 W	3,750 lm					
			40 W	5,000 lm					

SELECTABLE CCT LED PANEL

Specs subject to change

Dimensions & Parts

Dimensions : 2' x 2'

Dimensions : 2' x 4'
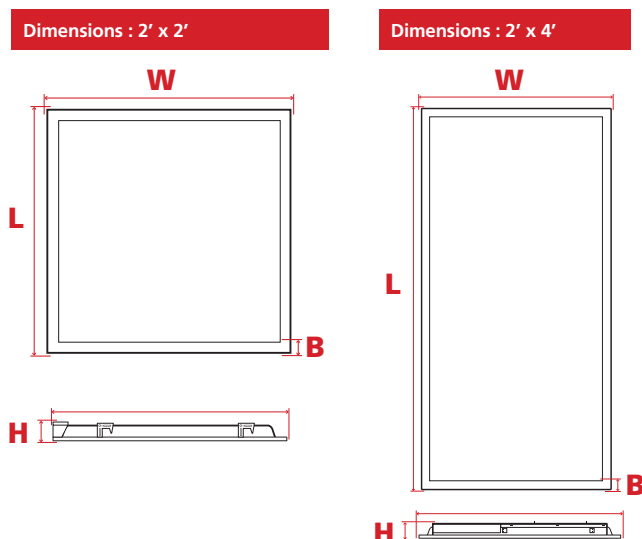
Size	Width (W)	Length (L)	Height (H)	Bezel (B)	Weight
2' x 2'	23.75"	23.75"	1.625"	1"	7.9 lbs
2' x 4'	23.75"	46.7"	1.625"	1"	12.6 lbs
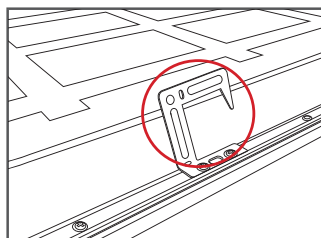
Pre-Installed Earthquake Clips

| Pre-Installed to assist with installation

| Secures your fixture in case of seismic activity

| Complies with NEC Article 410-16 Means of Support

Options

Battery Backup	Easy Wiring Junction Box	Mounting Kits | Field-Installable	
EM-L2554-XX Emergency Pack 24W / 90 Min	**PS1-JBE** Large Junction Box All Models	**P22SM-KIT** Surface Mount Kit 2' x 2'	**P24SM-KIT** Surface Mount Kit 2' x 4'

Lighting Specifications

Size	2' x 2'	2' x 4'
Max Delivered Lumens	5,000 lm	7,000 lm
Power	Up to 40 W	Up to 50 W
Efficacy	125 Lumens Per Watt	140 Lumens Per Watt
Color Temperature	3000 K, 4000 K & 5000 K	
Beam Angle	110°	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	86 +	
L80 Lifetime	50,000 Hours at L80	
Controls	0 - 10 V	

Mounting Options

Recessed   *Surface Mount**
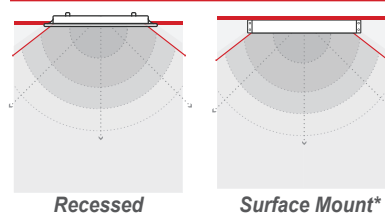
*Requires additional parts

Certifications & Warranty

| cULus Listed, UL 1958 Damp Location Use

| DLC Premium Listed

| RoHS Compliant

| Meets FCC Standards

| 5 Year Advanced Exchange Warranty

PHL SERIES
High Lumen Output LED Flat Panel

APPLICATIONS: LOBBIES, AUTO DEALERSHIPS, GYMS, NATATORIUMS, RETAIL

The PHL is a 19,500 lumen LED flat panel designed for high mounting height areas that require high lumen output with low glare. Built to deliver unrivaled performance and durability, this high output LED flat panel delivers up to 19,500 lumens at 130 lumens per watt.
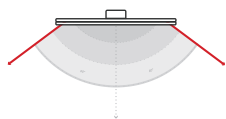
Robust Integrated Heat Sink for High Lumen Output

0-10V Dimmable Controls

Up to 400 W Metal Halide Replacement

Proprietary PMMA Polycarbonate Glare Reducing Lens
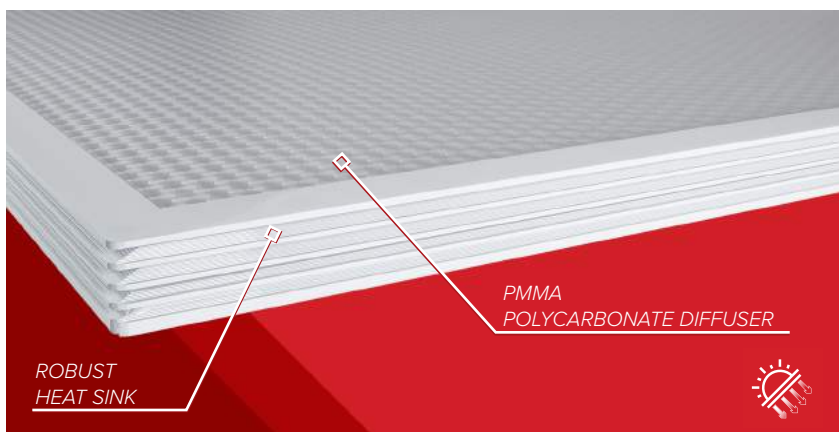
PHL Series
Performance Summary

120° Beam Angle

Up to *19,500 lm/w*

Up to *130 lm/w*

0 - 10V Dimming Driver

Proprietary PMMA Glare Reducing Diffuser

A distinctive pattern covers the polycarbonate diffuser to evenly distribute over 19,000 lumens. An edge lit fixture, the PHL has a unified glare rating under 15 (UGR < 15). Far exceeding DLC 5.1 UGR Requirements. The PHL flat panel delivers highbay performance, with troffer level comfort.

PMMA POLYCARBONATE DIFFUSER

ROBUST HEAT SINK

Ordering Information

Example: P15050TB1041

P	150	50	T	B	1	0	4	1
Product	**Power**	**CCT**	**Light Type**	**Driver Function**	**Beam Angle**	**Controls**	**Size**	**Manufacturer**
P PHL Series	**150** 150 Watts 19,500 Lumens	**50** 5000 K	**T** Lay-In Panel	**B** 120-277V Universal	**1** 120°	**0** 0-10 V Dimming Driver	**4** 2' x 2' Panel	**1** RCA Lighting

PHL HIGH LUMEN OUTPUT FLAT PANEL

Dimensions
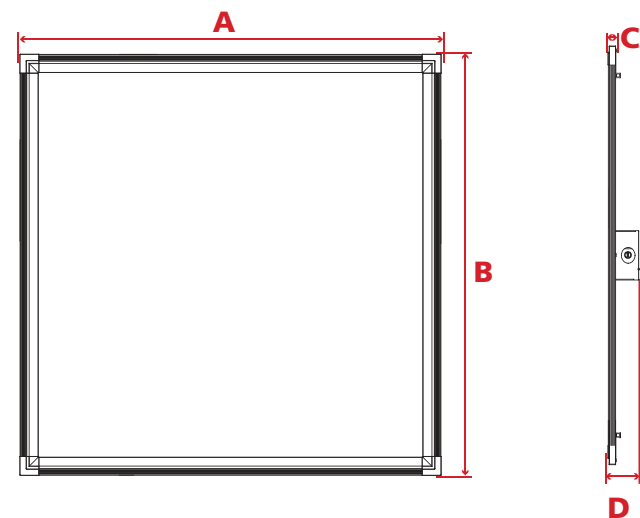
Size	Length (A)	Width (B)	Height (C)	Driver Height (D)
100 W	23.4"	23.4"	1.1"	2.27"
150 W	23.4"	23.4"	1.1"	2.27"

Size	Weight
100 W	10.93 lbs
150 W	10.93 lbs

Options

EM Battery Backup	Mounting Kits | Field-Installable
EM-L2554-XX Emergency Pack 24W / 90 Min	**PHLA-SMK*** 2' x 2' Surface Mount Kit *Special Order Only*

Lighting Specifications

Power Consumption	150 W
Initial Delivered Lumens	19,500 lm
Color Temperature	4000 K / 5000 K
Operating Temp Range	- 25° C (- 14° F) up to + 45° C (+ 113° F)
Efficacy	130 Lumens Per Watt
Beam Angle	120° Degree
Input Voltage	AC 120 - 277V, 50 - 60 Hz
CRI	80 +
L70 Lifetime	50,000 Hours at L_{70}
Controls	0 - 10 V Dimmable

Mounting Options
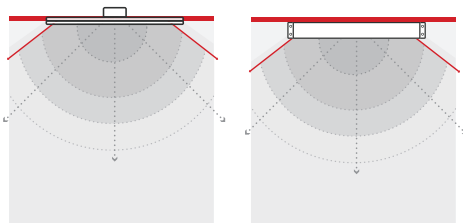
Recessed *Surface Mount**

Requires additional parts

Certifications & Warranty

cULus Listed

RoHS Compliant

Meets FCC Standards

5 Year Advanced Exchange Warranty

RC/I COMMERCIAL ELECTRONICS

Quick Connect Wiring

8" Downlight
Ø8.7" x 4.4"

Armored Cable

Embedded Sensor Connect

6" & 8" Options Available

COMMERCIAL DOWNLIGHTS
Wirelessly Controlled, Smart, Retrofit Downlights

APPLICATIONS: INDOOR LIGHTING, OFFICE, NEW CONSTRUCTION

The RCA Commercial Downlight is an unrivaled combination of lighting controls, efficacy and installation ease, bringing outstanding value to the downlight space. Our recessed parabolic downlight with trim ring features a beveled edge for clean ceiling interface.

Plug-and-Play ZigBee Enabled Lighting Controls.

Easy on Installers. Armored Cable system with Quick Connect Wiring.

Mounts in drywall & grid ceiling applications with optional trim rings.

High Efficacy light with external driver for retrofit and maintenance.

## STANDARD FEATURES
Out-Of-The Box

FUTURE PROOF & SCALABLE

All Models, 6" & 8"

The commercial downlight performs true to spec out of the box. 0 - 10 V dimming capable & *Ready to make the Upgrade to LLLC when you are*.

LUMINAIRE LEVEL LIGHTING CONTROLS
Upgrade with Sensor Connect Smart Controls & Accessories

MULTI-SENSOR + CEILING PLATE

DOWNLIGHT DRIVER

INCLUDED

OCCUPANCY SENSING
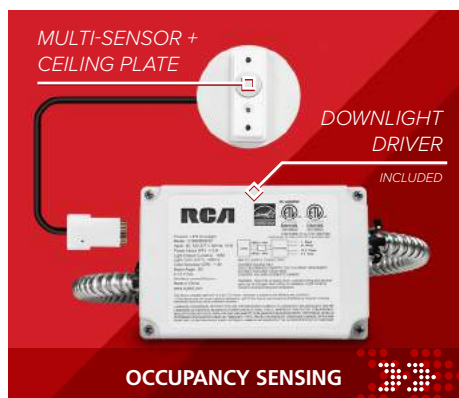
Requires | RCA-MULTI-SENSOR + LGE-CEILING-PLATE

A plug-and-play Multi-Sensor with tactile buttons for easy standalone lighting controls. Program min/max levels, motion detection and more.

WIRELESS CONTROLS & OCCUPANCY SENSING

Requires | RCA-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-CRDL-16-35-1450-LGE-DW-TR-8

LGE					
Product	**Type**	**Size**	**CCT**	**Lumen Package**	**Options**
LGE	**CRDL** Commercial Downlight	**16** 6" Model 16 W	**35** 3500 K	**1450** 1,450 lm *"6" Only*	**RCA-MULTI-SENSOR** Occupancy Sensor, Wireless Control *(Optional)* **LGE-DW-TR-8** Extended Trim Ring 6" Model Only
		22 8" Model 22 W	**40** 4000 K	**2000** 2,000 lm *"8" Only*	**LGE-DONGLE-VLC** Wireless Communication Module **LGE-DW-TR-10** Extended Trim Ring 8" Model Only
					LGE-CEILING-PLATE Downlight Clip for Multi-Sensor **EM-L0854-LBF** Emergency Pack 10 W / 90 Min

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

COMMERCIAL DOWNLIGHTS

Dimensions & Parts
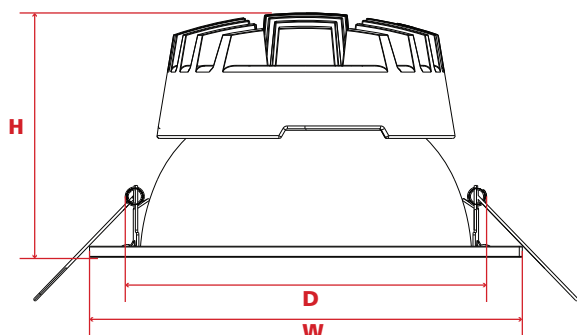
Power	Lumens	Width (W)	Diameter (D)	Height (H)	Weight
16 W	1,450 lm	Ø7.0"	Ø6.0"	3.9"	1.87 lb
22 W	2,000 lm	Ø8.7"	Ø8.0"	4.3"	2.02 lb
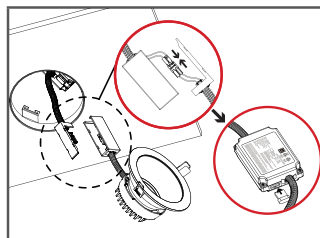
Easy Installation

l Quickly connect LED Fixture Assembly with the driver assembly.

l Built In Connectors easily snap together

l Torsion Spring Retention Clips.

Options

Battery Backup	Smart Lighting Controls		Mounting Parts	Field-Installable		
EM-L0854-LBF Emergency Pack 10 W / 90 Min	**RCA-MULTI-SENSOR** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**LGE-DW-TR-8** Extended Trim Ring 6" Model	**LGE-DW-TR-10** Extended Trim Ring 8" Model	**LGE-CEILING-PLATE** Ceiling Mount Plate Multi-Sensor

Lighting Specifications

Power Consumption	16 W	22 W
Max Delivered Lumens	1,450 lm	2,000 lm
Color Temperature	3500 K, 4000 K	
Optical Unit (Lens)	Frosted Polycarbonate	
Beam Angle	80°	
Efficacy	90 Lumens Per Watt	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	80 +	
L85 Lifetime	50,000 Hours at L85	
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V	

Part Number Reference Chart

US Order Code	MPN #	US Order Code	MPN #
LGE-CRDL-16-35-1450	D1635RH8161	LGE-CRDL-22-35-2000	D2235RH7161
LGE-CRDL-16-40-1450	D1640RH8161	LGE-CRDL-22-40-2000	D2240RH7161

MPN = Manufacturer Part Number

Certifications & Warranty

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

80 W & 160 W
Compact: 13.7" x 19.3" x 2.8"

240 W
13.7" x 28" x 2.8"

SIMPLE CHOICE HIGHBAY
Compact Configurable High Efficacy LED Highbay

APPLICATIONS: INDUSTRIAL AND COMMERCIAL FACILITIES WITH HIGH CEILINGS

The 2nd Generation Simple Choice Highbay is an optimal choice for commercial building managers seeking upgrades to their existing lighting. It combines greater efficiency with higher-efficacy (150 lm/w) for maximum energy savings in a configurable, linear form factor.

- **Plug-and-Play ZigBee Enabled Lighting Controls.**
- **Mounting Heights from 12' to 42'**
- **Aisle and Wide Beam Angles, with Frosted & Clear Lenses**
- **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

All Models

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| LGE-HB-OSZ-IP65-V

A plug-and-play Multi-Sensor with tactile buttons for easy standalone lighting controls. Program min/max levels, motion detection and more.

WIRELESS CONTROLS & OCCUPANCY SENSING

Requires | LGE-HB-OSZ-IP65-V + 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.
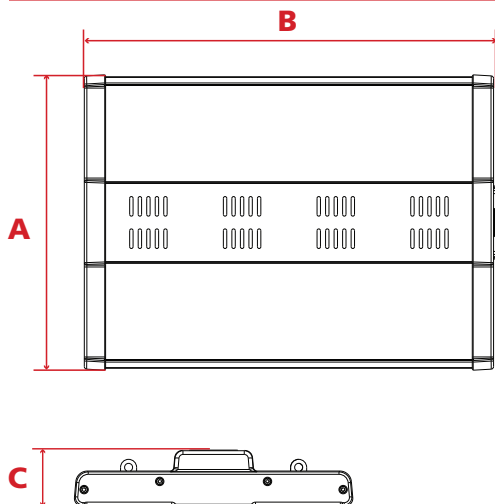
Ordering Information

Example: LGE-HB-80-40-12L-60D(CL)-LGE-DONGLE-VLC

LGE							Options		
Product	**Type**	**Power**	**CCT**	**Lumen Package**	**Beam Angle**	**Lens**			
LGE	**HB** Highbay	**80** 80 Watts *12L Only	**40** 4000 K	**12L** 12,000 Lumens *Must be 80 W	**60D** Aisle* 110° x 60°	**(CL)** Clear Lens	**LGE-HB-OSZ-IP65-V** Occupancy Sensor, Wireless Control *(Optional)*	**LGE-HBSC2-WGD-(S)** Protective Wire-guard 80W, 160W Models	**LGE-HBSC2-BRK** Mounting Brackets All Models
		160 160 Watts *24L Only	**50** 5000 K	**24L** 24,000 Lumens *Must be 160 W	**110D** Wide 110° x 110°	**(FL)** Frosted Lens*	**LGE-DONGLE-VLC** Wireless Communication Module	**LGE-HBSC2-WGD-(L)** Protective Wire-guard 240 W Models	**HB-Y72** 'Y' Cable Mount (x2) All Models
		240 240 Watts *36L Only		**36L** 36,000 Lumens *Must be 240 W			**EMA40ACT-170** Emergency Pack 40 W, AC		

* Frosted Lens reduces lateral beam angle by 10°. RCA recommends to use FA Frosted Lens only with Wide Beam Angle Pattern

SIMPLE CHOICE | HIGHBAY

Dimensions & Parts

Size	Beam	Width (A)	Length (B)	Height (C)	Weight
80 W	Aisle	13.7"	19.3"	2.8"	11 lbs
	Wide				10.3 lbs
160 W	Aisle	13.7"	19.3"	2.8"	11.2 lbs
	Wide				10.8 lbs
240 W	Aisle	13.7"	28"	2.8"	17.6 lbs
	Wide				16.7 lbs
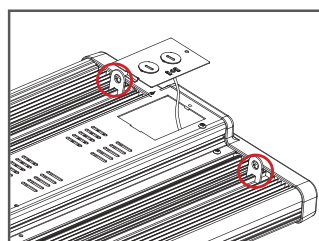
Access Plate

I Access Plate Conveniently Located

I WAGOS Connectors Included for quick install

I Mounting Tabs on Corner of Each fixture for
 easy installation

Options

Battery Backup	Smart Lighting Controls		Protective		Mounting Kits | Field-Installable	
EMA40ACT-170 Emergency Pack 40W, AC	**LGE-HB-OSZ-IP65-V** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**LGE-HBSC2-WGD(S)** Wire-guard Small 80 W, 160 W Models	**LGE-HBSC2-WGD(L)** Wire-guard Large 240 W Model	**LGE-HBSC2-BRK** Mounting Brackets All Models	**HB-Y72** 'Y' Cable Mount (x2) All Models

Lighting Specifications

Power Consumption	80 W	160 W	240 W
Max Delivered Lumens	12,000 lm	24,000 lm	36,000 lm
Color Temperature	4000 K, 5000 K		
Optical Unit (Lens)	Clear and Frosted Polycarbonate		
Beam Angle	Aisle (60°) & Wide (110°) Beam Angles		
Efficacy	150 Lumens Per Watt		
Input Voltage	AC 120 - 277V, 50 - 60 Hz		
CRI	83 +		
L70 Lifetime	50,000 Hours at L_{70}		
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V		
Mounting	Pendant, Surface, Bracket, Suspended		

Part Number Reference Chart

US Order Code	MPN #	US Order Code	MPN #
LGE-HB-80-40-12L-60D(CL)	H0840CAS101	LGE-HB-160-50-24L-60D(CL)	H1650CAS101
LGE-HB-80-40-12L-110D(CL)	H0840CA1101	LGE-HB-160-50-24L-110D(CL)	H1650CA1101
LGE-HB-80-40-12L-110D(FL)	H0840FA1101	LGE-HB-160-50-24L-110D(FL)	H1650FA1101
LGE-HB-80-50-12L-60D(CL)	H0850CAS101	LGE-HB-240-40-36L-60D(CL)	H2440CAS101
LGE-HB-80-50-12L-110D(CL)	H0850CA1101	LGE-HB-240-40-36L-110D(CL)	H2440CA1101
LGE-HB-80-50-12L-110D(FL)	H0850FA1101	LGE-HB-240-40-36L-110D(FL)	H2440FA1101
LGE-HB-160-40-24L-60D(CL)	H1640CAS101	LGE-HB-240-50-36L-60D(CL)	H2450CAS101
LGE-HB-160-40-24L-110D(CL)	H1640CA1101	LGE-HB-240-50-36L-110D(CL)	H2450CA1101
LGE-HB-160-40-24L-110D(FL)	H1640FA1101	LGE-HB-240-50-36L-110D(FL)	H2450FA1101

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.

HB 600 SERIES | LINEAR HIGHBAY
Industrial High Output Light for Indoor Applications

APPLICATIONS: HIGHBAY, MIDBAY AND AISLE FOR COMMERCIAL FACILITIES

The linear style '600' series High Bay is durable with a housing made of high impact extruded 6063 aluminum alloy and can handle all the requirements of industrial lighting. IP66 Certified, with optional factory installed NSF upgrades, the HB6 is able to be used in sanitation focused high-ceiling locations.

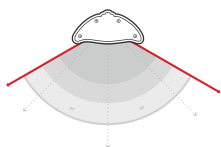**NSF Capable: Wet Location rated and can be upgraded to meet NSF**

Motion & Wireless controls capable for increased energy savings

High Voltage options available in 4' and 5' sizes
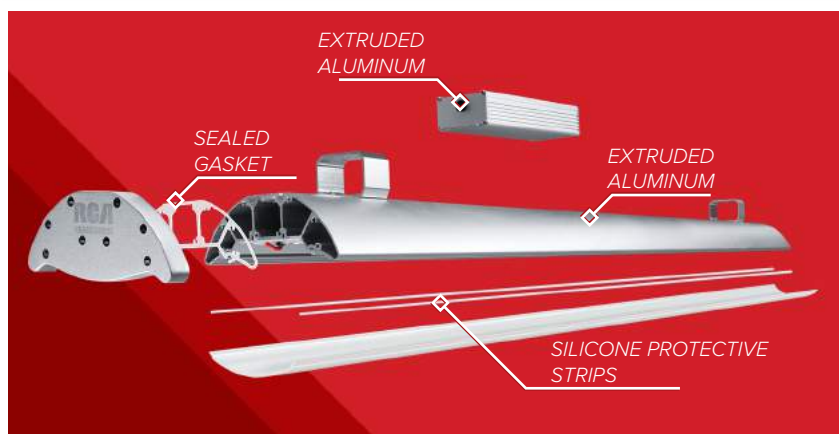
Battery Backup Options available

5' High Bay
200 W, 25,000 lm

2' High Bay
80 W, 10,400 lm

3 ft. & 4 ft. Options Available

600 SERIES
Performance Summary

| 115° Beam Angle | 10,400 lm to 25,000 lm | Up to 130 lm/w | *NSF Capable* |

EXTRUDED ALUMINUM

SEALED GASKET

EXTRUDED ALUMINUM

SILICONE PROTECTIVE STRIPS

Easy to install and water-tight enclosure

The 600 Series High Bay has an external IP66 rated Driver that makes for easy replacement if ever needed. A dust-free, water-tight enclosure keeps lights bright with no build up of internal debris. The 600 Series High Bay includes a 10' PVC whip with a removable water-tight connector included to help make installation fast and easy.

## Ordering Information *(Use Model Number column for ordering)*

Example: HB6-60200W-50-HV

Product	Size	Model Number	Watts	CCT	Lumens	Beam	Driver	Options	
600 Series High Output Highbay Light	2'	HB6-2480W-40	80 W	4,000 K	10,400 lm	115°	Universal AC 120- 277 V 50 - 60 Hz	**NSF** NSF Upgrade Factory Installed	**HV** High Voltage, 277 - 488 V 5' Only
		HB6-2480W-50		5,000 K					
	3'	HB6-36100W-40	100 W	4,000 K	13,000 lm			**EM-L2554-XX** Battery Backup 40W / 90 Min	**MSPKG** Motion Sensor All Models
		HB6-36100W-50		5,000 K					
	4'	HB6-48160W-40	160 W	4,000 K	20,000 lm				
		HB6-48160W-50		5,000 K			**EM40W-IP65** Battery Backup IP65 Rated	
	5'	HB6-60200W-40	200 W	4,000 K	25,000 lm				
		HB6-60200W-50		5,000 K					

HB 600 SERIES | LINEAR HIGHBAY

Dimensions & Parts
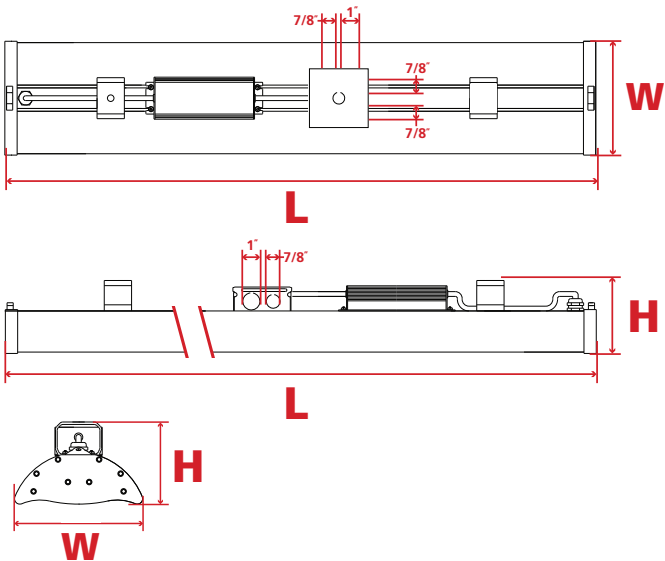
Size	Width (W)	Length (L)	Height (H)	Weight
2 ft.	6.58"	23.62"	3.15"	7.9 lbs
3 ft.	6.58"	35.44"	3.15"	11.3 lbs
4 ft.	6.58"	47.24"	3.15"	14 lbs
5 ft.	6.58"	59.06"	3.15"	19 lbs
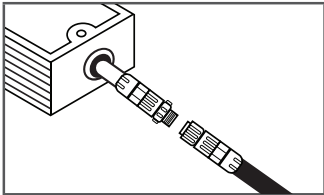
Waterproof Connector

- Pre-wired connection is water tight.
- IP66 rated driver.
- Factory upgrades allow fixture to meet NSF certifications.

Accessories

| **Battery Backup**		**Lighting Controls**
EM-L2554-XX Emergency Pack 40W / 90 Min All Models	**EM40W-IP65** Emergency Pack 40W / 90 Min IP65 Rated	**MSPKG** Motion Sensor Package Factory Installed All Models

Lighting Specifications

| Size	2 ft.	3 ft.	4 ft.	5 ft.
Power Consumption	80 W	100 W	160 W	200 W
Max Delivered Lumens	10,400 lm	13,000 lm	20,000 lm	25,000 lm
Efficacy	130 lm/w	130 lm/w	125 lm/w	125 lm/w
Color Temperature	4000 K, 5000 K			
Optical Unit (Lens)	Frosted Polycarbonate			
Beam Angle	115°			
Input Voltage	AC 120 - 277V & 240 - 480 V, 50 - 60 Hz			
CRI	80 +			
L80 Lifetime	50,000 Hours at L80			
Controls	0 - 10 V			

Mounting Options
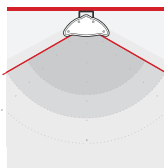
Surface Mount
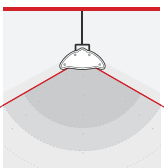
Suspended Aircraft*
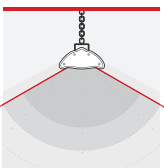
Suspended Chain or Rod*

*Requires additional parts

Certifications & Warranty

UL Listed, DLC 4.4, RoHs Compliant, FCC Certified, TAA Compliant, IP66 Rated, 5 Year Advanced Exchange Warranty.

RCA COMMERCIAL ELECTRONICS

SIMPLE CHOICE: PERFORMANCE
Industrial High Output High Bay for Indoor Applications

APPLICATIONS: GYMNASIUMS, WAREHOUSES AND OTHERS

A performance model round highbay within the suite of RCA Highbays. IP65 and NSF rated the Performance Highbay is a one-for-one replacement for HID fixtures, particularly in sanitation-focused high ceiling locations. Engineered with pure aluminum dual layer body to be light weight and for fast heat transfer.

136 W
Up to 19,000 lumens

| **Performance model with high efficiency drivers & heat management.**

| **Fast Install: Lightweight with mounting options to replace HID fixtures.**

| **IP65 & NSF Certified fixture and accessories.**

| **Multiple Control Options with Sensor Connect for commissioning.**

13,000 Lumen Option Available

STANDARD FEATURES
Out-Of-The Box

LUMINAIRE LEVEL LIGHTING CONTROLS
Upgrade with Sensor Connect Smart Controls & Accessories

FUTURE PROOF & SCALABLE

OCCUPANCY SENSING

WIRELESS CONTROLS & OCCUPANCY SENSING

All Models

The Performance Highbay performs true to spec out of the box. 0 - 10 V dimming capable & *Ready to make the Upgrade to LLLC when you are*.

Requires| LGE-HB-OSZ-IP65-V

A plug-and-play Multi-Sensor with tactile buttons for easy standalone lighting controls. Program min/max levels, motion detection and more.

Requires | LGE-HB-OSZ-IP65-V + 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

Example: LGE-HB-093-50-13020-LGE-DONGLE-VLC

Product	Model Number	Watts	CCT	Lumens	Beam	Driver	Options	
Simple Choice Performance Highbay NSF Rated Up to 140 lm/w	LGE-HB-093-40-12800-90D	93 W	4000 K	12,800 lm	90°	Universal AC 120- 277 V 50 - 60 Hz	**LGE-HB-OSZ-IP65-V** Occupancy Sensor, Wireless Control *(Optional)*	**LGE-HB-BKT** Mounting Bracket All Models
	LGE-HB-093-50-13020-90D		5000 K	13,020 lm				
	LGE-HB-136-40-18700-65D	136 W	4000 K	18,700 lm	65°		**LGE-DONGLE-VLC** Wireless Communication Module	**HB-Y72** 'Y' Cable Mount (x2) All Models
	LGE-HB-136-50-19040-65D		5000 K	19,040 lm				
	LGE-HB-136-40-18700-90D		4000 K	18,700 lm	90°		**EMUFO-40170-TT** Remote Emergency Pack 40W / 90 Min	**LGE-HB-WGD** Wireguard All Models
	LGE-HB-136-50-19040-90D		5000 K	19,040 lm				

SIMPLE CHOICE | PERFORMANCE

Specs subject to change

Dimensions & Parts
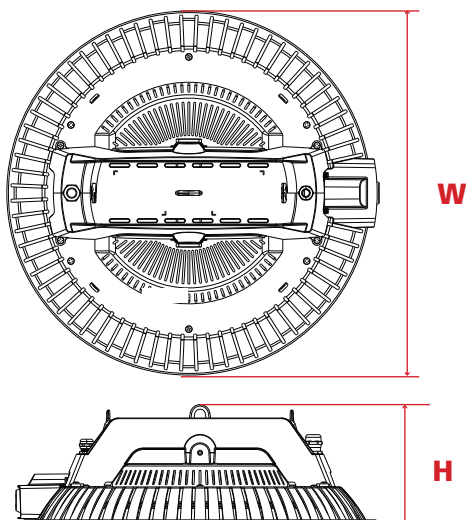
Size	Optical Unit	Width (W)	Height (H)	Weight
93 W	All	18.1"	6.2"	9.5 lb
136 W	All	18.1"	6.2"	9.7 lb

W

H
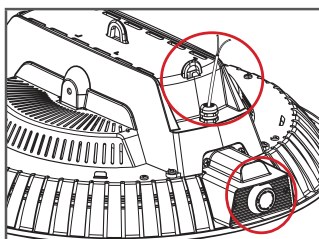
Control Options

l Easy Plug-N-Play Multi-Sensor

l Dimming Wire: 0 - 10V

l ZigBee Dongle concealed by IP65 rated waterproof cap.

Accessories

Battery Backup	Smart Lighting Controls		Protective	Mounting Kits	Field-Installable	
EMUFO-40170-TT Emergency Pack 40W / 90 Min Remote	**LGE-HB-OSZ-IP65-V** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**LGE-HB-WGD** Wireguard All Models	**LGE-HB-BKT** Mounting Brackets All Models	**HB-Y72** 'Y' Cable Mount (x2) All Models

Lighting Specifications

	93 W	136 W
Power Consumption	93 W	136 W
Max Delivered Lumens	13,020 lm	Up to 19,040 lm
Lifetime	70,000 Hrs. @L80	50,000 Hrs. @L85
Color Temperature	4000 K, 5000 K	
Optical Unit (Lens)	Dual Tempered Glass + Frosted Polycarbonate	
Beam Angle	Aisle (65°) & Standard (90°) Beam Angles	
Efficacy	Up to 140 Lumens Per Watt	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	83 +	
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V	
Mounting	Pendant, Surface, Bracket, Suspended	

Part Number Reference Chart

US Order Code	MPN #	US Order Code	MPN #
LGE-HB-093-40-12800-90D	H0940P901SF	LGE-HB-136-50-19040-65D	H1350P651SF
LGE-HB-093-50-13020-90D	H0950P901SF	LGE-HB-136-40-18700-90D	H1340P901SF
LGE-HB-136-40-18700-65D	H1340P651SF	LGE-HB-136-50-19040-90D	H1350P901SF

Certifications & Warranty

DLC Premium Listed. cULus Listed, UL 1598 Damp Location use. RoHS Compliant. NSF/ANSI2 (Splash Zone & Non-Food Zone) Meets FCC Standards, TAA Compliant, IP65 Rated. Covered by RCA Commercial 5 Year Advanced Replacement Warranty.

THE REACHER SERIES
Dock lighting

APPLICATIONS: LOADING DOCKS, WAREHOUSE

The Reacher Series dock light is designed to withstand even the harshest of loading dock environments. With its heavy-duty built design with rugged components and double swing pivot arm, this light is both durable and easy to position.

Built-in heat dissipation - always cool-to-the-touch.

On/Off Switch on back of lamp.

Easily positions to provide light inside entire length of trailer.

Features a powder-coat finish in "Safety Yellow", standard.

8" lamp
Comes in 6" and 8"

3000K, 4000K, 5000K, 5700K, 6500K

Cool to the Touch and Impact Resistant

This impact resistant and lens protected LED light always remains cool to-the-touch and fully adjustable while holding up to the toughest work environments with its included wireguard, protective coating, and strong materials. Perfect lighting where you need it, when you need it.

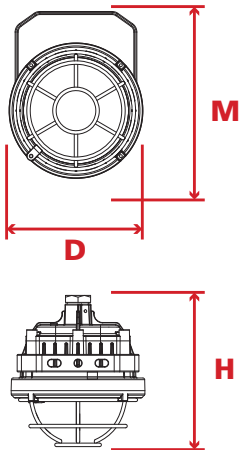## Ordering Information

Example: DYLY-20-30-U-120-DSA40

DLYL				U				
Product	Series	Power	CCT	Voltage	Beam Angle	Options		
DYLY	DYLY Dock Light	20 20 Watts *6" Only	30 3000 K	U 120-277 Standard	90 90° Angle	SSA40S 40" Single Swing Arm / Square Mount Plate	DSA40 40" Double Swing Arm / H Mount Plate	DSPA40 40" Double Swing Pivot Arm / H Mount Plate
	Universal AC 120 - 277 V	30 30 Watts *6" Only	40 4000 K		120 120° Angle	SSA40 40" Single Swing Arm / H Mount Plate	DSA60 60" Double Swing Arm / H Mount Plate	DSPA60 60" Double Swing Pivot Arm / H Mount Plate
		40 40 Watts *8" Only	50 5000 K			SSA60 60" Single Swing Arm / H Mount Plate		
		50 50 Watts *8" Only	57 5700 K					
			60 6000 K					

DOCK LIGHTING

Dimensions & Parts

Dimensions : 6"

Dimensions : 8"
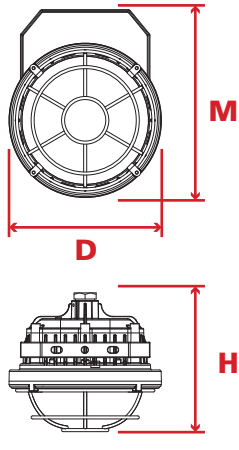
Size	Diameter (D)	Height (H)	Max Height (M)
6"	6.10"	6.81"	8.75"
8"	7.87"	7.09"	9.65"

Waterproof Connector

l Pre-wired connection is water tight.

l IP65 rated.

Mounting Options
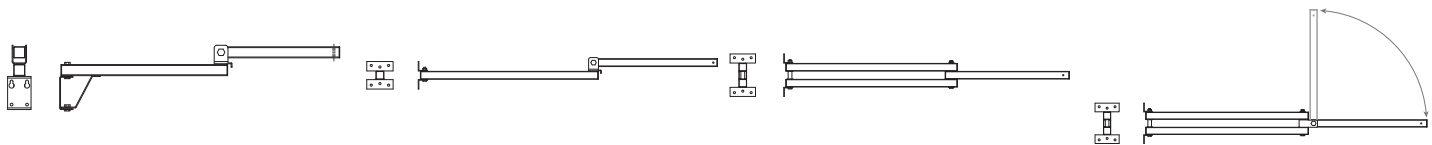
SSA40S	SSA40 / SSA60	DSA40 / DSA60	DSPA40 / DSPA60
40" Single Swing Arm With Square Mounting Plate	**40" and 60" Single Swing Arm** With "H" Mounting Plate	**Double Swing Arm** With "H" Mounting Plate	**40" and 60" Double Swing Arm** With "H" Mounting Plate

Lighting Specifications

Size	6"	8"
Max Delivered Lumens	2,200 lm - 3,300 lm	4,400 lm - 6,000 lm
Power	20 W - 30 W	40 W - 50 W
Efficacy	110 lm/w	Up to 120 lm/w
Color Temperature	3000K, 4000K, 5000K, 5700K, 6500K	
Beam Angle	90° - 120°	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	> 80	
Power Factor	> 1 W	
Ambient Temperature	-22°C to 45°C (-7.6°F - 113°F)	

Installation

Power Input

Twist Knobs

End Cap

Water-Tight Quick Connector

6" or 8" Lamp Sizes
Fit All Six Arm Configurations
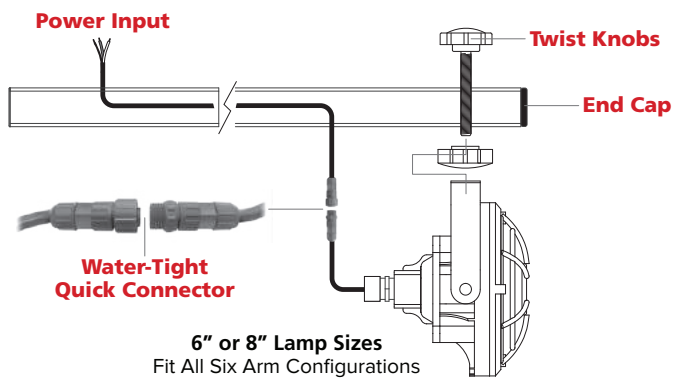
Certifications & Warranty

l ETL Listed Product

l IP65 Rated

l Accomplishes OSHA Standard 1910

ST SERIES STRIP LIGHT
Indoor Linear Lighting with Wireless Controls

APPLICATIONS: INDOOR, OFFICE, NEW CONSTRUCTION

The ST series offers a best-in-class lumen output in a minimalist architectural design, perfect for a wide variety of commercial and consumer lighting applications. The RCA ST series lends a modern touch to any new construction or retrofit project.

- Plug-and-Play ZigBee Enabled Lighting Controls.
- Extruded aluminum housing with machine placed LEDs.
- Installer Friendly, quick access channel for end to end wiring.
- Available in 4' & 8' Models.

4'
Shown with Sensor Connect

8' Option Available

120° Beam Angle

STANDARD FEATURES
Out-Of-The Box

LUMINAIRE LEVEL LIGHTING CONTROLS
Upgrade with Sensor Connect Smart Controls & Accessories

FUTURE PROOF & SCALABLE

All Models, Out-of-the-Box

The ST Series Light 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 | RCA-MULTI-SENSOR

Place the Multi-Sensor in ST Harness for easy standalone lighting controls. Program min/max levels, motion detection and more using tactile buttons

WIRELESS CONTROLS & OCCUPANCY SENSING

Requires | RCA-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 *(Use Model Numbers column for ordering)*

Example: ST8B3215SU40-RCA-MULTI-SENSOR-LS

Product	Size	Model Number	Watts	CCT	Lumens	Beam	Driver	Options	
ST Series LED Linear Strip Light	4' Ft.	ST4B3208SU35	30 W	3500 K	3,900 lm	120°	Universal AC 120- 277 V 50 - 60 Hz	**RCA-MULTI-SENSOR-LS** Occupancy Sensor, Wireless Control *(Optional)*	**RCA-LINEAR-EP** Multi-Sensor Harness, Included on All Models
		ST4B3208SU40	30 W	4000 K	3,900 lm				
		ST4B3208SU50	27 W	5000 K	3,105 lm			**LGE-DONGLE-VLC** Wireless Communication Module	**AC-120** Cable Mount Kit All Models
	8' Ft.	ST8B3215SU35	60 W	3500 K	7,800 lm	120°	Universal AC 120- 277 V 50 - 60 Hz		
		ST8B3215SU40	60 W	4000 K	7,800 lm			**RCA-DIM-MODULE** 0 - 10V Dimming Driver Module	**EM-L2554-XX** Emergency Pack 25W / 90 Min
		ST8B3215SU50	56 W	5000 K	6,440 lm				

ST SERIES STRIP LIGHT

Specs subject to change

Dimensions, Parts & Knockouts

Dimensions : 4' & 8'
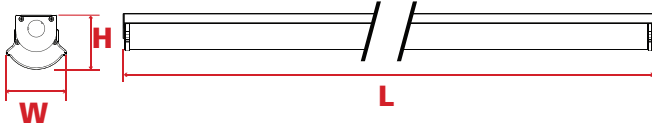
Size	Width (W)	Length (L)	Height (H)	Weight
4 ft	3.1"	47.24"	2.77"	3.09 lbs
8 ft	3.1"	94.49"	2.77"	5.29 lbs

Size	Gap (G)	Knockout Size (K)	Mounting (M)
4 ft	21.95"	3/4"	2.08"
8 ft	35.95"	3/4"	2.08"

Knockouts : 4' & 8'

Long Wiring Channel

l Easy access wiring channel on back of fixture

l Wagos Connectors Included for quick install

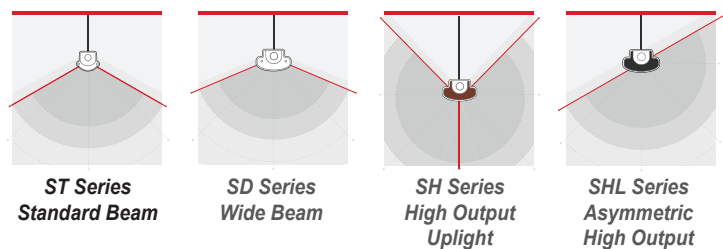l 3/4" Knockouts in middle and ends for wiring.

Options

Battery Backup	Smart Lighting Controls				Mounting Kits
EM-L2554-XX Emergency Pack 25W / 90 Min	**RCA-MULTI-SENSOR-LS** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**RCA-DIM-MODULE** Dimming Driver Module	**RCA-LINEAR-EP** Standard End-plate for Linears w/o SC-SMAH Harness	**AC-120** Cable Mount Kit All Models

Lighting Specifications

Size	4'	8'
Power Consumption	Up to 30 W	Up to 60 W
Max Delivered Lumens	Up to 3,900 lm	Up to 7,800 lm
Color Temperature	3500 K, 4000 K, 5000 K	
Optical Unit (Lens)	Frosted Polycarbonate	
Beam Angle	120° Standard	
Efficacy	130 Lumens Per Watt	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	82 +	
L80 Lifetime	50,000 Hours at L80	
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V	
Mounting	Surface Mount, Suspended	

Linear Light Beam Angles

ST Series Standard Beam

SD Series Wide Beam

SH Series High Output Uplight
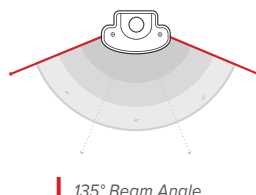
SHL Series Asymmetric High Output

Certifications & Warranty

l cULus Listed, UL 1958 Damp Location Use

l DLC Premium Listed

l RoHS Compliant

l Meets FCC Standards

l 5 Year Advanced Exchange Warranty

SD SERIES WRAP | WIDE BEAM
Wide Beam, Low Bay Lighting with Wireless Controls

4' Model

APPLICATIONS: INDOOR, OFFICE, NEW CONSTRUCTION

Compact and powerful, the SD series provides high output lumens in an extruded aluminum body. Its unique combination of form, technology and optics allow it to output up to 40% more lumens than similar lights. Available in 4' and 8' 5000k, 0-10v dimmable models.

| **Plug-and-Play ZigBee Enabled Lighting Controls**

| **Extruded aluminum housing with machine placed LEDs.**

| **Installer Friendly, quick access channel for end to end wiring.**

| **Available in 4' & 8' Models.**

| *8' Option Available*

| *135° Beam Angle*

STANDARD FEATURES
Out-Of-The Box

LUMINAIRE LEVEL LIGHTING CONTROLS
Upgrade with Sensor Connect Smart Controls & Accessories

FUTURE PROOF & SCALABLE

All Models, Out-of-the-Box

The SD Series Light 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 | RCA-MULTI-SENSOR

Place the Multi-Sensor in SD Harness for easy standalone lighting controls. Program min/max levels, motion detection and more using tactile buttons

WIRELESS CONTROLS & OCCUPANCY SENSING

Requires | RCA-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 *(Use Model Numbers column for ordering)*

Example: SD8B3215SU50-RCA-MULTI-SENSOR

Product	Size	Model Number	Watts	CCT	Lumens	Beam	Driver	Options	
SD Series Wide Beam Strip Light	4' Ft.	SD4B4808SU35*	40 W	3500 K	5,032 lm	135°	Universal AC 120- 277 V 50 - 60 Hz	**RCA-MULTI-SENSOR-LS** Occupancy Sensor, Wireless Control *(Optional)*	**RCA-LINEAR-EP** Multi-Sensor Harness, Included on All Models
		SD4B4808SU40*	40 W	4000 K	5,032 lm	135°			
		SD4B4808SU50	40 W	5000 K	5,032 lm	135°		**LGE-DONGLE-VLC** Wireless Communication Module	**AC-120** Cable Mount Kit All Models
	8' Ft.	SD4B4815SU35*	80 W	3500 K	10,064 lm	135°	Universal AC 120- 277 V 50 - 60 Hz		
		SD4B4815SU40*	80 W	4000 K	10,064 lm	135°		**RCA-DIM-MODULE** 0 - 10V Dimming Driver Module	**EM-L2554-XX** Emergency Pack 25W / 90 Min
		SD4B4815SU50	80 W	5000 K	10,064 lm	135°			

*3500 K & 4000 K Color Temperatures available with Custom Orders. Contact your sales rep for more information.

SD SERIES WRAP | WIDE BEAM

Specs subject to change

Dimensions, Parts & Knockouts

Dimensions : 4' & 8'

Size	Width (W)	Length (L)	Height (H)	Weight
4 ft	5.3"	47.24"	3.0"	5.73 lbs
8 ft	5.3"	94.49"	3.0"	11.6 lbs

Size	Gap (G)	Knockout Size (K)	Mounting (M)
4 ft	21.95"	3/4"	2.08"
8 ft	35.95"	3/4"	2.08"

Knockouts : 4' & 8'

Long Wiring Channel

I Easy access wiring channel on back of fixture

I Wagos Connectors Included for quick install

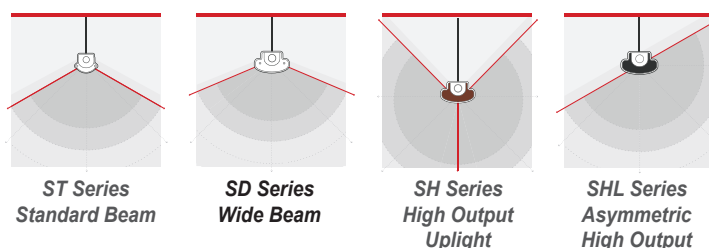I 3/4" Knockouts in middle and ends for wiring.

Options

Battery Backup	Smart Lighting Controls		Mounting Kits
EM-L2554-XX Emergency Pack 25W / 90 Min	**RCA-MULTI-SENSOR-LS** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**AC-120** Cable Mount Kit All Models
	RCA-DIM-MODULE Dimming Driver Module	**RCA-LINEAR-EP** Standard End-plate for Linears w/o SC-SMAH Harness	

Lighting Specifications

Size	4'	8'
Power Consumption	Up to 40 W	Up to 80 W
Max Delivered Lumens	Up to 5,032 lm	Up to 10,064 lm
Color Temperature	3500 K, 4000 K, 5000 K	
Optical Unit (Lens)	Frosted Polycarbonate	
Beam Angle	135° Wide Beam	
Efficacy	124 Lumens Per Watt	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	80 +	
L80 Lifetime	50,000 Hours at L80	
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V	
Mounting	Surface Mount, Suspended	

Linear Light Beam Angles

ST Series
Standard Beam

SD Series
Wide Beam

SH Series
High Output
Uplight

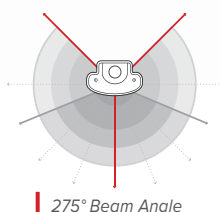*SHL Series*
Asymmetric
High Output

Certifications & Warranty

I cULus Listed, UL 1958 Damp Location Use

I DLC Premium Listed

I RoHS Compliant

I Meets FCC Standards

I 5 Year Advanced Exchange Warranty

SH SERIES WRAP|UPLIGHT
Super Wide Uplight, High Output LED Wraparound

APPLICATIONS: INDOOR, OFFICE, NEW CONSTRUCTION, WAREHOUSE

Powerfully efficient, the SH series covers more ambient surface area than its competitors, all at 120 Lumens per Watt. Models starting at 15,240 lumens, the SH series is a high output light engineered to cast light over a 275° area in large buildings, warehouses and factories.

4' Model

8' Option Available

275° Beam Angle

Designed for Shipping & Sorting Areas. High Output LED Lighting.

Sealed fixture prevents dust and debris build up for easy maintenance.

Installer Friendly, quick access channel for end to end wiring.

Plug-and-Play ZigBee Enabled Lighting Controls

STANDARD FEATURES
Out-Of-The Box

LUMINAIRE LEVEL LIGHTING CONTROLS
Upgrade with Sensor Connect Smart Controls & Accessories

FUTURE PROOF & SCALABLE

OCCUPANCY SENSING

WIRELESS CONTROLS & OCCUPANCY SENSING

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

Requires | SH Models or LGE-MULTI-SENSOR
Place the Multi-Sensor in SH Harness† for easy standalone lighting controls. Program min/max levels, motion detection and more using tactile buttons.

Requires | SH 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 *(Use Model Numbers column for ordering)*

Example: SH8B2465NU50-RCA-MULTI-SENSOR

Product	Size	Model Number	Watts	CCT	Lumens	Beam	Driver	Options	
SH Series High Output Uplight Strip Light	4' Ft.	SH4B3432NU35*	120 W	3500 K	15,240 lm	275°	Universal AC 120- 277 V 50 - 60 Hz	**RCA-MULTI-SENSOR-LS** Occupancy Sensor, Wireless Control *(Optional)*	**RCA-LINEAR-EP** Multi-Sensor Harness, All Models
		SH4B3432NU40*	120 W	4000 K	15,240 lm	275°			
		SH4B3432NU50	120 W	5000 K	15,240 lm	275°		**LGE-DONGLE-VLC** Wireless Communication Module	**AC-120** Cable Mount Kit All Models
	8' Ft.	SH8B2465NU35*	114 W	3500 K	16,644 lm	275°	Universal AC 120- 277 V 50 - 60 Hz		
		SH8B2465NU40*	114 W	4000 K	16,644 lm	275°		**RCA-DIM-MODULE** 0 - 10V Dimming Driver Module	**EM-L2554-XX** Emergency Pack 25W / 90 Min
		SH8B2465NU50	114 W	5000 K	16,644 lm	275°			

*3500 K & 4000 K Color Temperatures available with Custom Orders. Contact your sales rep for more information. †RCA-LINEAR-EP sold separately

SH SERIES WRAP | HIGH OUTPUT UPLIGHT

Specs subject to change

Dimensions, Parts & Knockouts

Dimensions : 4' & 8'

Size	Width (W)	Length (L)	Height (H)	Weight
4 ft	5.3"	47.24"	3.0"	5.73 lbs
8 ft	5.3"	94.49"	3.0"	11.6 lbs

Size	Gap (G)	Knockout Size (K)	Mounting (M)
4 ft	21.95"	3/4"	2.08"
8 ft	35.95"	3/4"	2.08"

Knockouts : 4' & 8'

Long Wiring Channel

l Easy access wiring channel on back of fixture

l Wagos Connectors Included for quick install

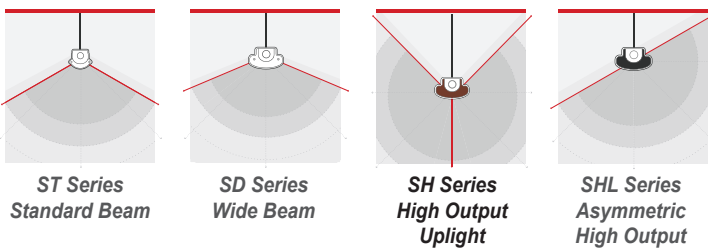l 3/4" Knockouts in middle and ends for wiring.

Options

Battery Backup	Smart Lighting Controls				Mounting Kits
EM-L2554-XX Emergency Pack 25W / 90 Min	**RCA-MULTI-SENSOR-LS** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**RCA-DIM-MODULE** Dimming Driver Module	**RCA-LINEAR-EP** Multi-Sensor Wired Harness *Required for Multi-Sensor	**AC-120** Cable Mount Kit All Models

Lighting Specifications

Size	4'	8'
Power Consumption	Up to 120 W	Up to 114 W
Max Delivered Lumens	Up to 15,240 lm	Up to 16,644 lm
Color Temperature	3500 K, 4000 K, 5000 K	
Optical Unit (Lens)	Frosted Polycarbonate	
Beam Angle	275° High Output Uplight	
Efficacy	Up to 127 Lumens Per Watt	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	82 +	
L80 Lifetime	50,000 Hours at L80	
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V	
Mounting	Surface Mount, Suspended	

Linear Light Beam Angles

ST Series Standard Beam

SD Series Wide Beam

SH Series High Output Uplight

SHL Series Asymmetric High Output

Certifications & Warranty

l cULus Listed, UL 1958 Damp Location Use

l DLC Premium Listed

l RoHS Compliant

l Meets FCC Standards

l 5 Year Advanced Exchange Warranty

SHL SERIES WRAP | ASYMMETRIC
Lowbay Lighting for warehouse and shipping areas

APPLICATIONS: INDOOR, OFFICE, NEW CONSTRUCTION, WAREHOUSE

Asymmetric Lowbay lighting designed to reduce the obtrusive effects of lighting including light spill and glare. Designed primarily for warehouse and shipping areas where glare control is essential, the SHL series light performs well in areas that require directional lighting.

4' Model

8' Option Available

180° Beam Angle

- **Down lighting for shipping and sorting areas.**
- **Impact-Resistant polycarbonate frosted lens.**
- **Completely sealed fixture prevents dust and debris build-up.**
- **Wireless lighting Controls Ready.**

STANDARD FEATURES
Out-Of-The Box

LUMINAIRE LEVEL LIGHTING CONTROLS
Upgrade with Sensor Connect Smart Controls & Accessories

FUTURE PROOF & SCALABLE

OCCUPANCY SENSING

WIRELESS CONTROLS & OCCUPANCY SENSING

SHL Models, Out-of-the-Box

The SHL Series performs true to spec out of the box. 0 - 10 V dimming capable & *Ready to make the Upgrade to LLLC when you are*.

Requires | SHL Models or LGE-MULTI-SENSOR

Place the Multi-Sensor in SHL Harness† for easy standalone lighting controls. Program min/max levels, motion detection and more using tactile buttons

Requires | SHL 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 *(Use Model Numbers column for ordering)*

Example: SHL8B2465NU50-RCA-MULTI-SENSOR

Product	Size	Model Number	Watts	CCT	Lumens	Beam	Driver	Options	
SHL Series High Output Asymmetric Strip Light	4' Ft.	SHL4B3432NU35*	74 W	3500 K	9,100 lm	180°	Universal AC 120- 277 V 50 - 60 Hz	**RCA-MULTI-SENSOR-LS** Occupancy Sensor, Wireless Control *(Optional)*	**RCA-LINEAR-EP** Multi-Sensor Harness, All Models
		SHL4B3432NU40*	74 W	4000 K	9,100 lm	180°			
		SHL4B3432NU50	74 W	5000 K	9,100 lm	180°		**LGE-DONGLE-VLC** Wireless Communication Module	**AC-120** Cable Mount Kit All Models
	8' Ft.	SHL8B2465NU35*	100 W	3500 K	11,400 lm	180°	Universal AC 120- 277 V 50 - 60 Hz		
		SHL8B2465NU40*	100 W	4000 K	11,400 lm	180°		**RCA-DIM-MODULE** 0 - 10V Dimming Driver Module	**EM-L2554-XX** Emergency Pack 25W / 90 Min
		SHL8B2465NU50	100 W	5000 K	11,400 lm	180°			

*3500 K & 4000 K Color Temperatures available with Custom Orders. Contact your sales rep for more information. †RCA-LINEAR-EP sold separately

SHL SERIES WRAP | ASYMMETRIC HIGH OUTPUT

Specs subject to change

Dimensions

Dimensions : 4' & 8'

Size	Width (W)	Length (L)	Height (H)	Weight
4 ft	5.3"	47.24"	3.0"	5.73 lbs
8 ft	5.3"	94.49"	3.0"	11.6 lbs

Size	Gap (G)	Knockout Size (K)	Mounting (M)
4 ft	21.95"	3/4"	2.08"
8 ft	35.95"	3/4"	2.08"

Knockouts : 4' & 8'

Long Wiring Channel

I Easy access wiring channel on back of fixture

I Wagos Connectors Included for quick install

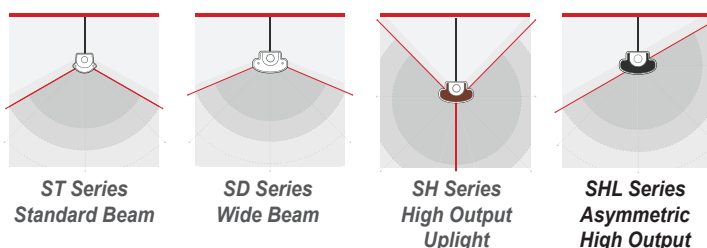I 3/4" Knockouts in middle and ends for wiring.

Options

Battery Backup	Smart Lighting Controls				Mounting Kits
EM-L2554-XX Emergency Pack 25W / 90 Min	**RCA-MULTI-SENSOR-LS** Occupancy Sensor Wireless Control (Optional)	**LGE-DONGLE-VLC** Wireless Communication Only	**RCA-DIM-MODULE** Dimming Driver Module	**RCA-LINEAR-EP** Multi-Sensor Wired Harness *Required for Multi-Sensor	**AC-120** Cable Mount Kit All Models

Lighting Specifications

Size	4'	8'
Power Consumption	Up to 74 W	Up to 100 W
Max Delivered Lumens	Up to 9,100 lm	Up to 11,400 lm
Color Temperature	3500 K, 4000 K, 5000 K	
Optical Unit (Lens)	Frosted Polycarbonate	
Beam Angle	180° Asymmetric High Output	
Efficacy	Up to 123 Lumens Per Watt	
Input Voltage	AC 120 - 277V, 50 - 60 Hz	
CRI	82 +	
L80 Lifetime	50,000 Hours at L80	
Controls	Sensor Connect, Smart Luco, VLC, 0 - 10 V	
Mounting	Surface Mount, Suspended	

Linear Light Beam Angles

ST Series Standard Beam

SD Series Wide Beam

SH Series High Output Uplight

SHL Series Asymmetric High Output

Certifications & Warranty

I cULus Listed, UL 1958 Damp Location Use

I DLC Premium Listed

I RoHS Compliant

I Meets FCC Standards

I 5 Year Advanced Exchange Warranty

400 W
300 W, 25,000 lm

150 W
80 W, 10,400 lm

60 W, 100 W, 200 W, & 300 W Available

PLA SERIES
Modular Outdoor Area/Site Lighting

APPLICATIONS: PARKING LOTS, WALKWAYS, DEALERSHIPS, COLLEGE CAMPUSES

The PLA Series light is designed to provide 1-for-1 solutions for replacing existing metal halide or high pressure sodium lighting. The PLA Series light comes in 3 sizes and power packages that can easily replace 175W, 250W & 400W Metal Halide Luminaires, and in some cases, 1000 W models.
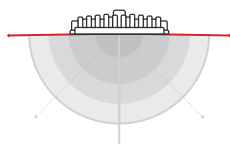
Multiple Lumen Packages & Accessories with the same design profile.

Energy efficient upgrades for up to 400W Metal Halide Luminaires

No loud parking lot hum. Our LEDs run quiet.

Dusk to Dawn technology maximizes cost-saving benefits.

PARKING LOT LIGHT
Performance Summary

Type III Beam Angle*	Up to *56,800 lm*	Up to *145 lm/w*	*High Voltage Available*

Long Life, Low Maintenance.

Long Life, consistent color rendering & low maintenance. PLA Series doesn't make sacrifices for color rendering or long life, like HID or High-Pressure Sodium. Our LEDs provide a consistent 5000K color, throughout its 20 year expected life. Perfect for car dealerships, campuses, walkways, parking lots, and more.

Ordering Information *(Use Model Number column for ordering)*
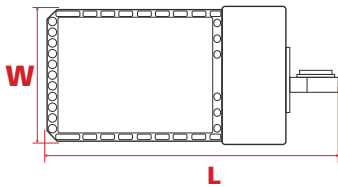
Example: PLA300T350-HV-PLA-PC277

Product	Model Number	Watts	Lumens	Efficacy	CCT	Beam	Driver	Options		
PLA Series Parking Lot Light	**PLA60T350**	60 W	8,700 lm	145 lm/w	5000 K	Type III* (Standard)	Universal AC 120- 277 V 50 - 60 Hz	**HV** High Voltage, 277 - 488 V 300 W & 400 W Only	**PLA-PC277** Photoelectric Control All Models	**PLA-ARM** Arm Mount All Poles
	PLA100T350	100 W	13,000 lm	130 lm/w						
	PLA150T350	150 W	21,000 lm	140 lm/w				**PLA-RPA** Round Pole Adapter Round Pole Mounting	**PLA-SFA** Slip Fitter Adapter Poles w/o slip arm	**PLA-ARTARM** Articulating Arm All Poles
	PLA200T350	200 W	27,000 lm	135 lm/w						
	PLA300T350	300 W	42,132 lm	140 lm/w				**PLA-TRM** Trunnion Mount Wall or Surface Mounting		
	PLA400T350	400 W	56,800 lm	142 lm/w						

*Additional Beam Angles and Lens Types Available upon request.

PLA SERIES

Dimensions & Parts

Dimensions : 60 W, 100 W, 150 W, 200 W, 300 W

Size	LED Panels	Width (W)	Length (L)	Height (H)	Weight
60 W	1	11.3"	20.25"	3.125"	9.9 lbs
100 W	1	11.3"	20.25"	3.125"	9.9 lbs
150 W	2	11.3"	20.25"	3.125"	13.2 lbs
200 W	2	11.3"	20.25"	3.125"	16.6 lbs
300 W	3	15.86"	25.3"	3.125"	25.4 lbs
400 W	2	14.57"	25.53"	3.16"	21.4 lbs

Dimensions : 400 W
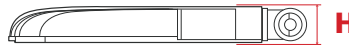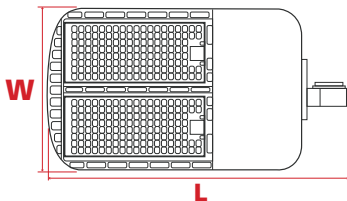
Accessories

Included	Mounting Options			Pole Adapters		Sensors
PLA-SF	**PLA-ARM**	**PLA-ARTARM**	**PLA-TRM**	**PLA-SFA**	**PLA-RPA**	**PLA-PC277**
Slip Fitter Arm	Arm Mount	Articulating Arm Mount	Trunnion Mount	Slip Fitter Adapter	Round Pole Adapter	Photoelectric Control
Poles with slip arm	For square poles	For square poles	For wall or surface	Works with PLA-SF	Required for mounting to	Daylight Harvesting
Included				For poles w/o slip arm	round pole.	

Lighting Specifications

Size	60 W	100 W	150 W	200 W	300 W	400 W
Max Delivered Lumens	8,700 lm	13,000 lm	21,000 lm	27,000 lm	42,132 lm	56,800 lm
Efficacy	145 lm/w	130 lm/w	140 lm/w	135 lm/w	140 lm/w	142 lm/w
Color Temperature	5000 K					
Operating Temp	-30° C (-22° F) up to +45° C (+114° F)					
Optical Unit (Lens)	Polycarbonate					
Beam Angle	Type III (Standard), Other Options Available					
Input Voltage	AC 120 - 277V & 240 - 480 V, 50 - 60 Hz					
CRI	80+					
L80 Lifetime	50,000 at L80					
Controls	Photoelectric Control (Daylight Harvesting)					

Mounting Options
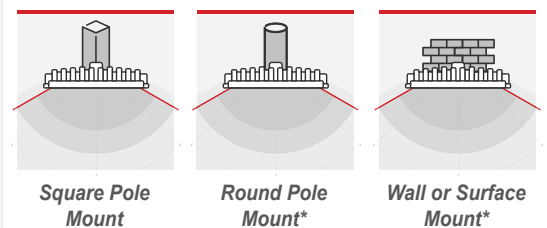
Square Pole Mount

Round Pole Mount*

Wall or Surface Mount*

*Requires additional parts

Certifications & Warranty

UL Listed, DLC 4.4, RoHs Compliant, FCC Certified, Wet Location Rated, IP65 Rated, 5 Year Advanced Exchange Warranty.

SMART MULTI SENSOR
Occupancy & Ambient Plug-and-Play Sensor

WORKS WITH: SIMPLE CHOICE TROFFERS, DOWNLIGHTS & STRIP LIGHTS

The field installable multi sensor features a Passive Infrared (PIR) motion sensor with ambient light sensor for occupancy sensing & daylight harvesting. Users can program a single sensor or group and commission a number of fixtures all at once with ZigBee or Smart Luco.

Plug into any RCA Smart Dongle for Easy Setup and Installation

Bluetooth or Zigbee Wireless Controls for Grouping and Commissioning

Maximize energy savings with occupancy sensors.

Ambient light sensor for daylight harvesting.

STANDALONE & NETWORK FUNCTIONALITY
Use the RCA Multi-Sensor

LIGHT LEVEL SWITCH

AMBIENT SENSOR

OCCUPANCY SENSOR

DELAY TIME SWITCH

Standalone
Plug-in Occupancy Sensor

Easy plug-and-play lighting controls & sensors. The field installable Multi-sensor features a occupancy sensor & ambient light sensor, tactile buttons make it easy to program to your needs without the use of a mobile device or wireless network.

Networked
Sensor with Wireless Control

Convert your lights into a wireless mesh network using your Android or iOS device. With the multi-sensor and wireless communication module you can group and commission your lighting network and set up advanced LLLCs.

LIGHTING CONTROL OPTIONS
Upgrade with Sensor Connect Smart Controls & Accessories

ATTACHED OR EMBEDDED MULTI-SENSORS

RADIO CONTROL ONLY

WIRELESS LIGHTING CONTROLS

Easily Upgradeable and Future-proof
RCA offers a wide selection of smart lights with multi-sensors already embedded in the fixture, or a smart ready driver, that can be upgraded in the future.

Control Multiple Lights with one Multi-Sensor
The wireless dongle and Sensor Connect App can link lights together (group) to follow one multi-sensor' occupancy or ambient light detection.
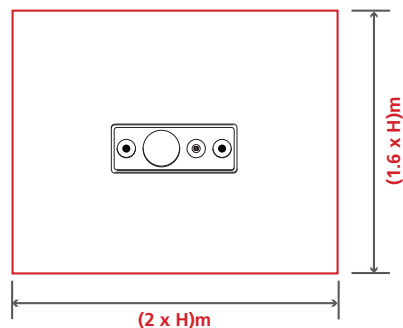
Control all your lights from your mobile device
The Sensor Connect app puts all your wirelessly networked devices in one easily manageable location.
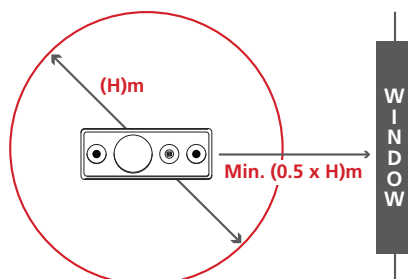
SMART MULTI SENSOR

COMMERCIAL ELECTRONICS

Detecting Areas

Motion Detecting Area

(1.6 x H)m

(H)m

(2 x H)m

Height	Short Side	Long Side
8.2 ft	13.1 ft	16.4 ft
11.5 ft	18.4 ft	23 ft
H ft	*(1.6 x H) ft*	*(2 x H) ft*

Light Sensing Area

(H)m

Min. (0.5 x H)m

WINDOW

Height	Radius
8.2 ft	8.2 ft
11.5 ft	11.5 ft
H ft	*H ft*

Field Adjustable Sensor Programming

Press programming buttons to adjust Occupancy Delay Time (D) and light level brightness (L).

D — L
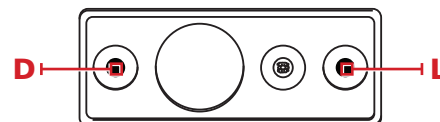
Press (D) #	Dim Down	Time Out	Total
1	5 Min.	5 Min.	10 Min.
2	15 Min.	15 Min.	30 Min.
3	30 Min.	30 Min.	60 Min.
4	30 Sec.	30 Sec.	1 Min.

Press (L) #	Max	Mid	Min
1	60%	60%	0%
2	40%	40%	0%
3	20%	20%	0%
4	100%	100%	0%

Accessories

Troffers & Downlights	For Strip & Wrap Around Lights		Universal, Works on all Sensor Connect Compatible Lights		
RCA-MULTI-SENSOR Occupancy Sensor Wireless Control (Optional)	**RCA-MULTI-SENSOR-LS** Occupancy Sensor ST, SD, SH & SHL Only	**RCA-LINEAR-EP** Multi-Sensor Wired Harness ST, SD, SH & SHL Only	**LGE-DONGLE-VLC** Wireless Communication Only	**LGE-CEILING-CLIP** Ceiling Panel Clip for Multi-Sensor	**LGE-TBAR-CLIP** T-Bar Ceiling Clip for Multi-Sensor

Ordering Information *(Use Model Numbers column for ordering)*

Example: RCA-MULTI-SENSOR-LGE-TBAR-CLIP

Product	Product Type	Model Number	Power	Voltage	Frequency	IP	Options	
Smart Multi Sensor High Output Asymmetric Strip Light	For Troffers, Retrofits & Downlights	**RCA-MULTI-SENSOR**					**LGE-CEILING-CLIP** Ceiling Panel Clip for Multi-Sensor	**LGE-TBAR-CLIP** T-Bar Ceiling Clip for Multi-Sensor
	For Strip & Wraparound Lights ST, SD, SH, & SHL	**RCA-MULTI-SENSOR-LS**	0.2 W	3.3 VDC	2405 ~ 2480 Mhz	20	**RCA-LINEAR-EP** Multi-Sensor Wired Harness ST, SD, SH & SHL Only	
	Wireless Communication Module (VLC)	**LGE-VLC-DONGLE**						

ZIGBEE TO ANALOG TRANSFORMER 1.0
First Generation, Driver Style ZAT

WORKS WITH: ANY LED LIGHT OR AC LOAD

	Applied Internal Load Switch to Control AC main On/Off
	Integrated AC-DC supply for stand-alone operation
	Support 1 - 10V Dimming
	2.4 GHz ZigBee® Transceiver
	Flexible Platform to accommodate diverse protocols
	Supports RCA Sensor Connect
	Supports Autani, and Daintree Networks ControlScope
	DLC, NLC, QPL Listed Lighting Accessory

Convert Dumb lights to work with Sensor Connect

Our first-generation, driver-style device is used to convert existing spaces with traditional lighting controls to smart lighting. The ZAT Gen 1 is easy to wire to an existing LED driver, and can function as a stand-alone light control. The Gen 1 ZAT can be placed inside a protective enclosure, or mounted to your fixture

See the ZAT wiring diagram ▶▶
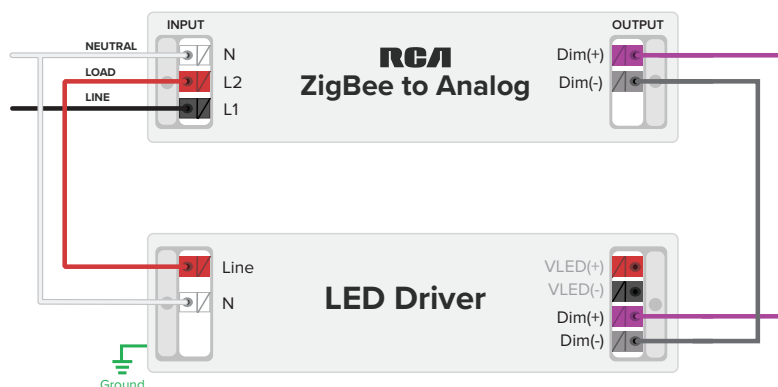
Recommended Accessories

Protective	Multi-Sensors	Wireless Dongles
RCA-ZJB Junction Box Protective Enclosure Included	**RCA-MULTI-SENSOR** Occupancy Sensor Wireless Control	**LGE-DONGLE-VLC** Wireless Communication Only

SPECIFICATIONS

Model Number	LGE-ZAT	**Load Types**	Electronic Ballast, General LED Driver
Product Type	ZigBee to Analogue Transformer	**Load**	1.5 A
Power	3.0 (Max)	**Size**	1.0" x 1.28" x 9.06"
Voltage	120 - 277 Vac	**Weight**	0.4 oz
Frequency	50/60 Hz	**Operating Temperature**	-4° to 158° F (-22° to 70° C)
Dimming	1 - 10 Vdc	**Certifications**	DLC, NLC, QPL Listed

Features achieved using a multi-sensor or wireless dongle.

ZIGBEE TO ANALOG TRANSFORMER 2.0
Convert dumb lights to work with RCA Sensor Connect

WORKS WITH: ANY LED LIGHT OR AC LOAD

Add your lights to the RCA Smart Lighting System with the ZAT. This zigbee to analog transformer adds zigbee wireless compatibility to any LED light, or AC load. Mount the ZAT to a 1/2" knockout in any standard junction box, and plug in one of RCAs multi-sensors or wireless dongles to activate your lights.

Add Zigbee Wireless Compatibility to any LED Light or AC Load

High Max Load (8A); Enables Daisy Chaining of multiple lights

Supports RCA Sensor Connect and Daintree Networks ControlScope

No enclosure needed, mounts to 1/2" knockout in a standard jbox

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MOUNTS TO 1/2" KNOCKOUT

1-10 V DIMMING

FITS RCA MULTI-SENSORS

2.4 GHz ZIGBEE PORT
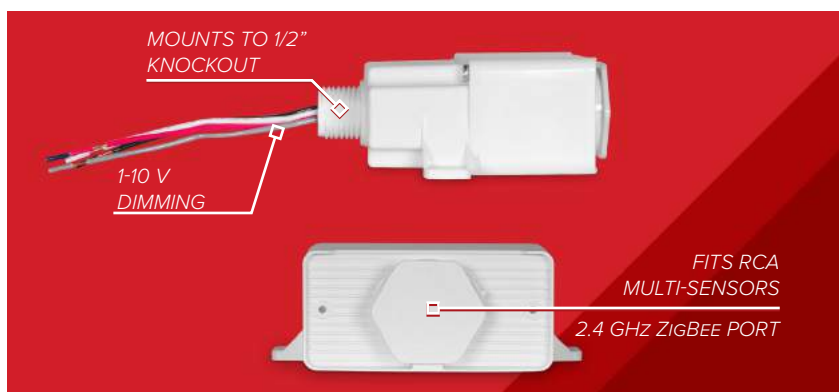
Add Wireless Control to Any Light or Room

The ZAT is the perfect solution for existing spaces with traditional lighting controls, that are looking to upgrade to a smart lighting setup. The ZAT easily mounts to a 1/2" knockout in any standard junction box, and can function as a stand-alone light control, a room controller, or a motion sensor for your zigbee network.

Recommended Accessories

Multi-Sensors		Wireless Dongles
RCA-MULTI-SENSOR Occupancy Sensor Wireless Control	**LGE-HB-OSZ-IP65-V** Occupancy Sensor Wireless Control	**LGE-DONGLE-VLC** Wireless Communication Only

SPECIFICATIONS

Model Number	RCA-ZAT2	**Load Types**	Electronic Ballast, General LED Driver
Product Type	ZigBee to Analog Transformer	**Load Rating**	8 A
Power	3.0 (Max)	**Size**	3.78" x 4.17" x 1.58"
Voltage	120 - 277 Vac	**Weight**	5.15 Oz
Frequency	50/60 Hz	**Operating Temperature**	-4° to 158° F (-22° to 70° C)
Dimming	0/1 - 10 Vdc	**Certifications**	DLC, NLC, QPL Listed

*Features achieved using a multi-sensor or wireless dongle.*

SCENE SELECTOR
Wireless Lighting Control Switch with Multiple Settings

APPLICATIONS: CONFERENCE ROOMS, COMMON AREAS, CLASS ROOMS

Common areas in buildings are used by multiple users for more than one purpose, requiring different lighting conditions. RCA Scene Selector is a preset control system that adjusts several lighting channels simultaneously to provide the proper lighting for each application of the room.

Wireless: Saves money on installation, running cable and drywall repair

Easy setup and commissioning using the RCA Sensor Connect App

Integrated scheduling function for additional energy saving

Program up to 4 lighting scenes for different room requirements
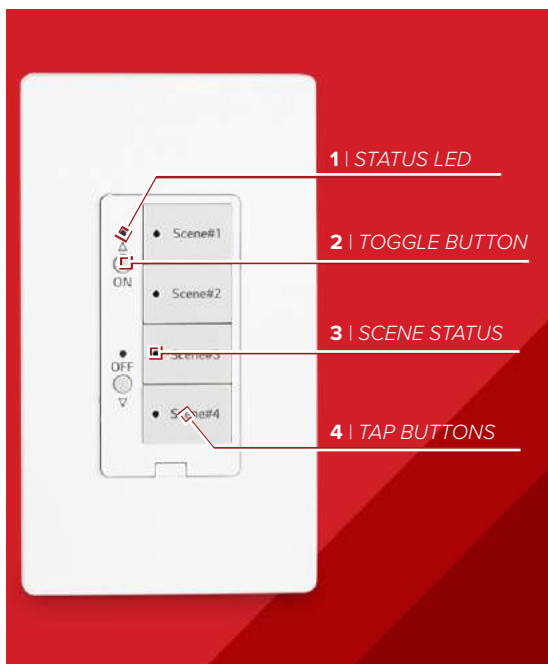
SCENE SELECTOR INSTRUCTIONS
How to use the RCA Wireless Scene Selector

1 | STATUS LED

2 | TOGGLE BUTTON

3 | SCENE STATUS

4 | TAP BUTTONS

1	**Status LED (Power / DIM)** Indicates status of low battery and OTA
2	**Toggle Button** ON / OFF / DIM (hold)
3	**Scene Status (Operating)** Indicate status of current scene
4	**Tap Button** Recall Scene Default: 25%, 50%, 75%, 100%

SCENE EXAMPLES

READING   MEETINGS   PRESENTATIONS   SLIDESHOWS

SPECIFICATIONS

|			
Model Number	LGE-SWITCH-4B-SC	**Range**	100 ft.
Voltage	AAA Alkaline, 1.5 V Battery (x4)	**Size**	1.0" x 1.28" x 9.06"
Frequency	2.4 GHz	**Weight**	3.2 Oz
Dimming	10% - 100%	**Certifications**	DLC, NLC, QPL Listed
Operating Temperature	-4° to 158° F (-22° to 70° C)		

WIRELESS SCHEDULING SWITCH
Group Control Wireless Lighting Switch

WORKS WITH: SENSOR CONNECT ENABLED LIGHTS

The RCA Wireless Scheduling Switch is ideal for commercial, office, and industrial applications. The virtual on/off function improves lighting efficiency and reduces energy costs by up to 50%, and the Wireless Smart Switch enables fine control over multiple groups of sensor connected, smart lights with 100 step variables.

Wireless: Saves money on installation, running cable and drywall repair

Dimmer Switch Provides continuous 100 Step Dimming

Integrated scheduling function for additional energy saving

Control 2 Groups of Lights, ON/OFF/Dimming
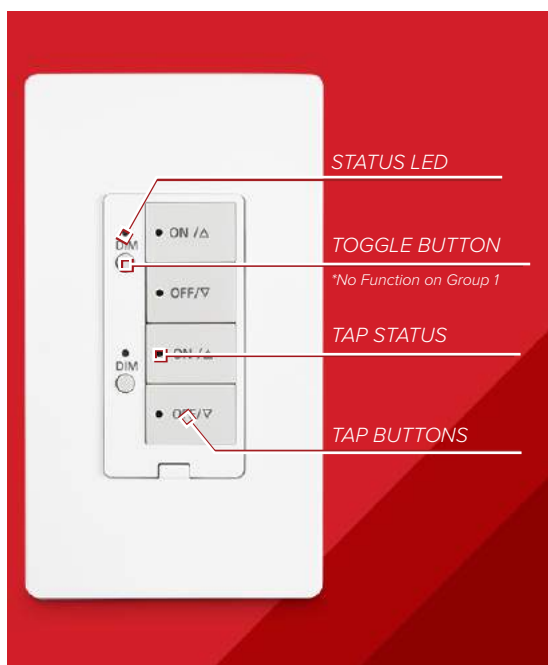
Group Control Functions

The RCA Wireless Scheduling Switch (LGE-SWITCH-4B-BT) can control multiple light groups. Use the 'Tap Buttons' 1 & 2 to control ON/OFF and Dimming Functions for 1 group of lights, and 'Tap Buttons' 3 & 4 to control ON/OFF and Dimming for a 2nd set of lights.

STATUS LED

TOGGLE BUTTON

No Function on Group 1

TAP STATUS

TAP BUTTONS

SCHEDULING SWITCH INSTRUCTIONS
How to use the RCA Scheduling Switch

	Group 1 Tap Buttons	Group 2 Tap Buttons
1	**Group 1 ON** Controls Group 1 Lights	**Group 1 ON/RAISE** Controls Group 1 Lights
2	**Group 1 RAISE** Controls Group 1 Lights	**Group 1 OFF/LOWER** Controls Group 1 Lights
3	**Group 1 LOWER** Controls Group 1 Lights	**Group 2 ON/RAISE** Controls Group 2 Lights
4	**Group 1 OFF** Controls Group 1 Lights	**Group 2 OFF/LOWER** Controls Group 2 Lights

Ordering Information *(Use Model Numbers column for ordering)*

Example: LGE-SWITCH-2B-BT

Product	Product Type	Model Number	Power	Frequency	Range	Dims	Weight	Operating Temp	Controls
Scheduling Switch Battery Type	1 - Group (4 Buttons)	**LGE-SWITCH-2B-BT**	AAA Alkaline 1.5 V Battery (4 Each)	2. GHz	100 ft.	4.84" x 2.8" x 0.72"	3.2 oz (Without Battery)	-4° to 122° F	ZigBee
	2 - Group (4 Buttons)	**LGE-SWITCH-4B-BT**							

AC POWERED SCHEDULING SWITCH
Smart Lighting Switch, with Scheduling Functions

WORKS WITH: SENSOR CONNECT ENABLED LIGHTS, IDEAL FOR RETROFIT

Easy replacement for new or existing switch locations, the RCA smart lighting switch fits into a standard wall-box (deep preferred) and can control multiple smart light groups. Integrated real time clock helps save energy with set-scheduling, and it has a two-wire build which makes it ideal for retrofit applications.

- **Easy replacement for new or existing switch locations.**
- **Fits into Standard wall-box**
- **Two-wire (non-neutral) works for retrofit applications**
- **Control 2 Groups of Lights, ON/OFF/Dimming**

Group Control Functions
The RCA Scheduling Switch (LGE-SWITCH-4B-AC) can control multiple light groups. Use the 'Tap Buttons' 1 & 2 to control ON/OFF and Dimming Functions for 1 group of lights, and 'Tap Buttons' 3 & 4 to control ON/OFF and Dimming for a 2nd set of lights.

STATUS LED

TOGGLE BUTTON

No Function on Group 1

TAP STATUS

TAP BUTTONS

SCHEDULING SWITCH INSTRUCTIONS
How to use the RCA Scheduling Switch

	Group 1 Tap Buttons	Group 2 Tap Buttons
1	**Group 1 ON** Controls Group 1 Lights	**Group 1 ON/RAISE** Controls Group 1 Lights
2	**Group 1 RAISE** Controls Group 1 Lights	**Group 1 OFF/LOWER** Controls Group 1 Lights
3	**Group 1 LOWER** Controls Group 1 Lights	**Group 2 ON/RAISE** Controls Group 2 Lights
4	**Group 1 OFF** Controls Group 1 Lights	**Group 2 OFF/LOWER** Controls Group 2 Lights

Ordering Information *(Use Model Numbers column for ordering)*

Example: LGE-SWITCH-2B-AC

Product	Product Type	Model Number	Power	Voltage	Frequency	Range	Dims	Weight	Operating Temp	Controls
Scheduling Switch AC Powered	1 - Group (4 Buttons)	**LGE-SWITCH-2B-AC**	Max, 0.5	120 - 277 VAC	2.4 GHz	100 ft.	1.75" x 4.12" x 1.68"	5.1 oz	-4° to 122° F	ZigBee
	2 - Group (4 Buttons)	**LGE-SWITCH-4B-AC**								
	Dummy Load	**LGE-SWITCH-DL**	-				4.375" x 0.875"	0.3 oz	-	-

PRE-COMMISSIONING STATION
21 Slot Commissioning Station for Wireless Dongles

WORKS WITH: RCA MULTI-SENSORS AND WIRELESS DONGLES

The Lighting Pre-Commissioning Station (LPCS) is a great addition to the installation technician's tool bag when commissioning with the RCA SensorConnect App. The LPCS allows you to program up to 21 devices at once for quicker commissioning time. It is ideal for an electrician that wants to commission multiple devices: downlights, troffers, linears, and more.

| Makes Commissioning Easy!

| Commission from your desk or workplace before installation

| Programs up to 21 Sensors or Modules at a Time

| DLC, NLC, QPL Listed Accessory

Assign Multiple Groups at once

Make a plan on how to divide your control zones in your building and floors. Each 'Lighting Control Zone' can have up to 50 devices, and with the LPCS you can assign multiple commissioned groups at once.

Works With

Multi-Sensors		Wireless Dongles	
RCA-MULTI-SENSOR Occupancy Sensor Wireless Control	**LGE-HB-OSZ-IP65-V** Occupancy Sensor Wireless Control	**LGE-DONGLE-VLC** Wireless Communication	

SPECIFICATIONS

Model Number	LGE-LPCS	**Monitoring**	21 Slots
Voltage	100 - 240 Vac	**Size**	4.84" x 2.9" x 0.49"
Output Voltage	DC 3.3	**Weight**	1.1 lbs
Outlets	21 Slots	**Certifications**	DLC, NLC, QPL Listed

WARRANTY & RETURNS

Limited Warranty

For warranty on your RCA Commercial Light, will be repaired or replaced in accordance with the terms of this warranty, at RCA Commercial's option. If it proves to be defective in material or workmanship under normal use, during the warranty period ("Warranty Period") listed below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the united states, excluding U.S. Territories.

Warranty Period

The warranty on your RCA Commercial Lighting product is **5 Years from the Date of Purchase**. Your warranty period begins on the date of invoice from the dealer. **KEEP THE DEALERS DATED BILL OF SALE OR PROOF OF DELIVERY** as evidence of the purchase date. If repaired, parts used in the repair may be new or re-manufactured. You will be required to submit a legible copy of your bill of sale or proof of delivery when requesting warranty service. Products that fail out of the box or within 60 (sixty) days from date of shipment shall be deemed "DOA" (Dead on Arrival) and will be replaced, not repaired by RCA.

Replacement units and repair parts are warranted for the remaining for the remaining portion of the original unit's warranty period.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OF IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST OR CORRUPTED PROGRAMMING OR DATA, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE.

Some states do not allow the exclusion or limitation of incidental or consequential damages on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

Warranty Procedure

Call 1-800-RCA-2161 and ask for Tech Support. An engineer will work to troubleshoot the problem with the LED Light. If it is determined to be a simple fix the necessary tools to fix the problem will be shipped overnight to the facility. If it is determined that the unit is defective, a replacement will be sent to the facility with a call tag to return the defective unit.

Returns

Your satisfaction is our number one priority. Please notify us immediately of any product defects or incomplete shipments & please contact us with any questions or concerns. If there is need to return a product, please make note of our 30-day return policy:

- Must return within 30 days of product receipt.

- All returns after 30 days will be evaluated on a case-by-case basis.

- All returns are subject to a minimum 20% restock fee.

- Customer must return items back on their cost & shipping account.

- Any shipping damage return items will not be refunded/credited

- Refund/Credit will be evaluated upon receipt of product.

- Product/s in unacceptable condition will be returned to the customer and no refund/credit will be issued.