

## RSHL-2G-C

Project Name:

Type:



**CASAMBI**
**APPLICATION**

Family of direct and indirect luminaires component high reflectance. Recessed fixture with slope high transmission diffuser panels manage contrast and generate soft even higher angle luminance. Ideal for hospitals, hallway, conference rooms, offices, schools and other numerous other commercial applications.

**FEATURES:**

- Architectural low-profile design, shallow direct/indirect housing, 22-gauge die formed C.R.S steel galvanized housing with high reflectance.
- Non-glare white powder coat finish over rust inhibiting phosphate coat.
- Shallow recessed luminaires, available in dual enclosed lens configurations.
- 86% minimum average reflective white powder coat housing.
- Lens to be white translucent polycarbonate engineered optical uniformity. Tool-free removable.
- Reflectors and shields in white powder coated finish.
- PAF (Painted After Fabrication) finish is standard for corrosion resistance and efficiency.

**MOUNTING:**

- Recessed mount in expose T-bar ceilings, Internal T-bar safety clips.
- Field installed flange kits are available.
- Compatible with most ceiling types.

**LED:**

- Field adjustable color temperature: 3000/3500/4000/5000(K)
- LED Module: High efficiency up to 134 LPW.
- Service life: Greater than 54,000 hours ( $L_{70}$ ) minimizing maintenance frequency.
- Poke in wire connectors.
- Color variation within 3-step MacAdam ellipse.

**ELECTRICAL:**

- High power factor electronic driver, operate from a 108 ~ 305 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.90
- Class 2 and SELV
- 0-10V dimmable driver as standard.
- To find an approved dimmer switch, please see table 1.
- Ambient Operating Temperature: -4°F (-20°C) ~ 122°F (50°C).
- <ELCU-200>
- Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
- Interfaces with fire alarm panel or security system.
- "Watchdog" feature allows emergency loads to be controlled in tandem with normal power loads.
- UL listed for use in emergency circuits.

**LISTING:**

- ROHS.
- ETL listed.
- DLC premium listed. <sup>2</sup>
- CEC Compliant EM (please contact for more information)
- Recessed Luminaires, Type IC
- Suitable for damp locations.
- 5 year warranty.
- ARRA compliant (optional).
- BAA compliant (optional).
- Trade Agreements Act compliant (optional).

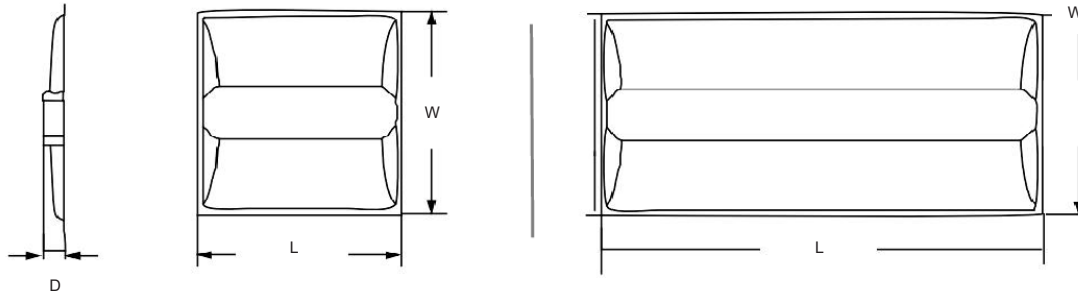
**CONFIGURATIONS**

	Size	LED Watts	Lumen Output	Color Temp.	Lumen Efficiency
RSHL-2G	2' x 2'	20W, 25W, 30W, 35W, 40W	2680 lm, 3350 lm, 4020 lm, 4690 lm, 5360 lm	4000K	134 lm/W
	2' x 4'	25W, 30W, 35W, 40W, 50W	3350 lm, 4020 lm, 4690 lm, 5360 lm, 6700 lm		134 lm/W

: Based on 4000K.

Multiplier		
3000K	3500K	5000K
0.9502	0.9837	1.0173

# RSHL-2G-C



**Specifications: 2'x2'**

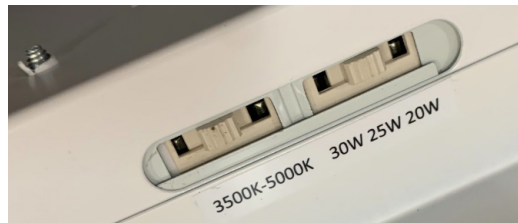
Length: 23.74 (603)  
Width: 23.74 (603)  
Depth: 1.8 (45)

**Specifications: 2'x4'**

Length: 48 (1218)  
Width: 23.74 (603)  
Depth: 1.8 (45)

All dimensions are in inches (millimeters).

**Field selectable access on the back**



## RSHL-2G-C

## ORDERING INFORMATION

EXAMPLE: RSHL-2G-22-C-5S-4T-UNV-DM

MODEL	SIZE		SHIELD		LED		COLOR TEMP.		CRI	
RSHL-2G	22	2' x 2'	C	Center	5S	20W /25W /30W /35W /40W LED	4T	Selectable 30/35/40/50K	(Blank)	80+ CRI
	24	2' x 4'			5S	25W /30W /35W /40W /50W LED	4T	Selectable 30/35/40/50K		

MOUNTING		DIFFUSER		VOLTAGE		LED DRIVER		PRESET	
(Blank)	Grid	(Blank)	White opal polycarbonate diffuser	UNV	120-277V	DM	Dimming Ballast 10~100% dim (Std.)	(Blank) PS(Lxx,yyK)	Non-Preset Preset Request: XX for watt, YY for CCT
FK	Flange Kit (Field Install) <sup>1</sup>								
SMK	Surface Mount Kit								

OPTIONS				LIGHTING CONTROL SYSTEM	
EMI15	2430 LUMEN EM Battery Backup (CEC Compliant EM) <sup>3</sup>	PPA102S CASAMBI	<Bluetooth> Bluetooth Powerpack (Consult factory for installation location)  Contact factory for CASAMBI READY options		
EMI25	4050 LUMEN EM Battery Backup (CEC Compliant EM) <sup>3</sup>				
ELCU-200	Fail-to-on Emergency lighting, UL924 <sup>6</sup>				
GTD	Bodine Generator Transfer Device				
GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)				
ARRA	Assembled in USA for Buy American act				
BAA	BAA(Buy American Act) and BABA(Build America Buy America) compliant				
TAA	Trade Agreements Act compliant				
O7W	Optional 7 Years Limited Warranty <sup>5,7</sup>				
O10W	Optional 10 Years Limited Warranty <sup>5,7</sup>				
AMB	Anti-Microbial Coating (Matte Skye White)				
HC403	Integrated Microwave bi-level Occupancy Sensor				

## NOTES:

- Flange kits are supplied in separate boxes, field installed.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.
- Contact factory for other emergency ballast options.
- Custom wattage products are not DLC qualified.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation. (EM battery backup does not included)
- Shipped separately.
- Only available with fixed wattage and CCT.

## COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IlumaTech IP7 series
		<Lutron>	Visit <a href="http://www.lutron.com/advance">www.lutron.com/advance</a> for a list of dimmers (Mark VII) that will work with this driver.
		<Philips>	Sunrise : SR1200ZTUNV