RSHL-2G-C

Project Name:	
Type:	



Field Selectable

LUTRON CASAMBI

avi-on Bluetooth® Lighting Controls

utani building controls

Easy Sense

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.
- Interior ribbed acrylic lens for superior light uniformity and glare reduction
- 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 table1.
- 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. [2]
- 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). [6]

CONFIGURATIONS

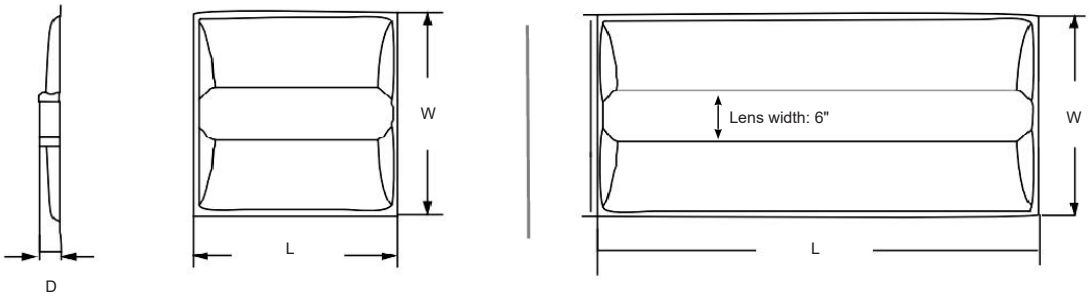
	Size	LED Watts	Lumen Output	Color Temp.	Lumen Efficiency
RSHL-2G	1’ x 4’	20W, 25W, 30W, 35W, 40W	2680 lm, 3350 lm, 4020 lm, 4690 lm, 5360 lm	4000K	134 lm/W
	2’ x 2’	20W, 25W, 30W, 35W, 40W	2680 lm, 3350 lm, 4020 lm, 4690 lm, 5360 lm		134 lm/W
	2’ x 4’	25W, 30W, 35W, 40W, 50W	3350 lm, 4020 lm, 4690 lm, 5360 lm, 6700 lm		134 lm/W

: Based on 4000K.

Multiplier		
3000K	3500K	5000K
0.9502	0.9837	1.0173

UTOPIA LIGHTING reserves the right to change specifications, drawings, dimensions without prior notice. Visit our website for the latest product information.

RSHL-2G-C



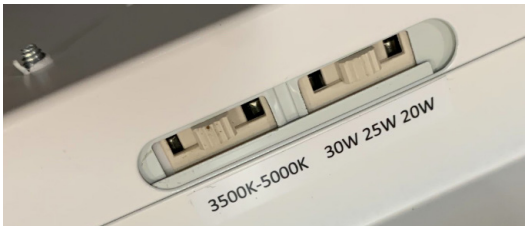
Specifications: 1'x4'
Length: 48 (1213)
Width: 11.93 (303)
Depth: 1.8 (45)

Specifications: 2'x2'
Length: 23.74 (603)
Width: 23.74 (603)
Depth: 1.8 (45)

Specifications: 2'x4'
Length: 48 (1213)
Width: 23.74 (603)
Depth: 1.8 (45)

All dimensions are in inches (millimeters).

Field selectable access on the back



UTOPIA LIGHTING reserves the right to change specifications, drawings, dimensions without prior notice. Visit our website for the latest product information.

RSHL-2G-C

ORDERING INFORMATION

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

MODEL	SIZE		SHIELD		LED		COLOR TEMP.		CRI	
RSHL-2G	**14** **22**	1' x 4' 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)**	Non-Preset
FK	Flange Kit (Field Install) [1]							**PS(Lxx,yyK)**	Preset Request; XX for watt, YY for CCT
SMK	Surface Mount Kit								

OPTIONS		LIGHTING CONTROL SYSTEM	
EMI8	8W LUMEN EM Battery Backup (CEC Compliant EM) [3]		<Lutron>
EMI15	15W LUMEN EM Battery Backup (CEC Compliant EM) [3]	**VIVE**	Lutron Vive Bluetooth ready options, please contact factory.
EMI25	25W LUMEN EM Battery Backup (CEC Compliant EM) [3]	**ATHENA**	Lutron Athena Bluetooth ready options, please contact factory.
ELCU-200	Fail-to-on Emergency lighting, UL924 [5]		
GTD	Bodine Generator Transfer Device		<EasySense>
GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)	**SNS200C**	EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) [8, 9]
ARRA	Assembled in USA	**RS-IR**	IR dongle v2.0 for EasySense control
BAA	BAA(Buy American Act) compliant [6]		
O7W	Optional 7 Years Limited Warranty [4]		<Bluetooth>
O10W	Optional 10 Years Limited Warranty [4]	**AUTANI**	Autani / Keilton Bluetooth control ready options.
AMB	Anti-Microbial Coating (Matte Skye White)	**CASAMBI**	Casambi Bluetooth control ready options.
HC403	Integrated Microwave bi-level Occupancy Sensor [7]	**AVI-ON**	Avi-On Bluetooth control ready options.
			* Please contact factory for Bluetooth control with sensor and other option

NOTES:
1. Flange kits are supplied in separate boxes, field installed.
2. 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 to confirm which versions are qualified.
3. Contact factory for other emergency ballast options.
4. 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)
5. Shipped separately.
6. Not all configurations may comply. Please confirm compliance with the factory.
7. See Table2 to find factory setting.
8. Please see Compatible Phone list in the separate attachment. If not listed, please order “RS-IR”, and follow IR-Dongle user guide and NFC and IR app user’s manual. Android users only.
9. Refer to Advanced Grouping Datasheet for its default setting and compatible wireless switches.

COMPATIBLE DIMMER SWITCH (TABLE 1)

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

HC403 FACTORY SETTING (TABLE 2)

Detection Area	100%
Hold-time	5 sec
Daylight sensor	Disable
Stand-by period (tri-level control)	10 sec
Stand-by dimming level	10%

* See a separate attachment to find more setting options

UTOPIA LIGHTING reserves the right to change specifications, drawings, dimensions without prior notice. Visit our website for the latest product information.