

RSHL-2G-C

Project Name:

Type:

**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(L₇₀) 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. 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

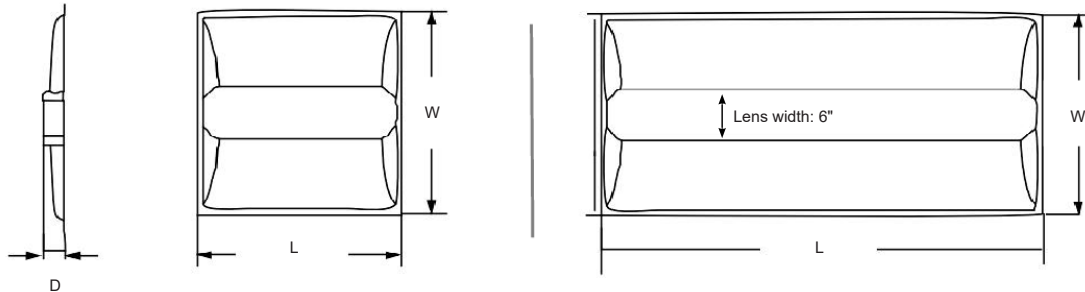
CONFIGURATIONS

	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

RSHL-2G-C



Specifications: 1'x4'

Length: 48 (1213)
Width: 11.93 (303)
Depth: 1.8 (45)

Specifications: 2'x2'

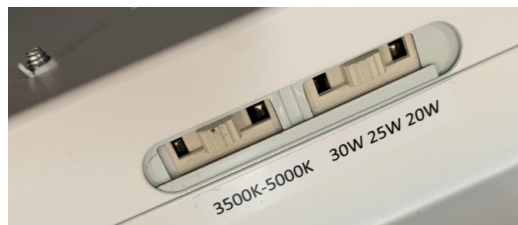
Length: 23.74 (603)
Width: 23.74 (603)
Depth: 1.8 (45)

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



RSHL-2G-C

ORDERING INFORMATION

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

MODEL	SIZE		SHIELD		LED		COLOR TEMP.		CRI	
RSHL-2G	14	1' x 4'	C	Center	5S	20W /25W /30W /35W /40W LED	4T	Selectable 30/35/40/50K	(Blank)	80+ CRI
	22	2' x 2'								
	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	VIVE ATHENA	<Lutron> Lutron VIVE Bluetooth ready options, please contact factory. Lutron Athena Bluetooth ready options, please contact factory.	EMI15	15W LUMEN EM Battery Backup (CEC Compliant EM) ³	SNS200C	<EasySense> EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ^{8,9} IR dongle v2.0 for EasySense control
EMI25	25W LUMEN EM Battery Backup (CEC Compliant EM) ³						
ELCU-200	Fail-to-on Emergency lighting, UL924 ⁵						
GTD	Bodine Generator Transfer Device						
GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)						
ARRA	Assembled in USA						
BAA	BAA(Buy American Act) compliant ⁶						
O7W	Optional 7 Years Limited Warranty ⁴						
O10W	Optional 10 Years Limited Warranty ⁴						
AMB	Anti-Microbial Coating (Matte Skye White)						
HC403	Integrated Microwave bi-level Occupancy Sensor ⁷						
		AUTANI CASAMBI AVI-ON	<Bluetooth> Autani / Keilton Bluetooth control ready options. Casambi Bluetooth control ready options. Avi-On Bluetooth control ready options. * Please contact factory for Bluetooth control with sensor and other option				

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 to confirm which versions are qualified.
- Contact factory for other emergency ballast options.
- 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.
- Not all configurations may comply. Please confirm compliance with the factory.
- See Table2 to find factory setting.
- 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.
- 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