LED RECESSED SHALLOW BASKET LENS

RSHL-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 acrylic engineered optical uniformity and non-glare with a ribbed prism design. Tool-free removable and hingable from side.
- Reflectors and shields in textured matte 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: 3500/4000/5000(K)
- LED Module: High efficency up to 162 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.
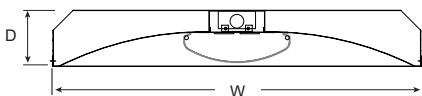- UL listed for use in emergency circuits.

LISTING:

- UL/CUL listed and labeled.
- Listed to UL 1598 and UL 8750.
- 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).

CONFIGURATIONS

	Size	LED Watts	Lumen Output	Color Temp.	Lumen Efficiency
RSHL	2' x 2'	30W, 35W, 40W	3750lm, 4375lm, 5000lm	4000K	125 lm/W
		20W, 25W, 30W	2500lm, 3125lm, 3750lm		
	2' x 4'	25W, 30W, 34W	3125lm, 3750lm, 4250lm		
		34W, 38W, 45W	4250lm, 4750lm, 5625lm		

: Based on 4000K.

Specifications: 2'x2'
Length: 24 (608)
Width: 23-11/16 (602)
Depth: 3-15/32 (88)
* Depth increased up to 5.2" (132) with SMK option.
Weight: 10.8 lbs (4.9 kg)

Specifications: 2'x4'
Length: 48 (1218)
Width: 23-11/16 (602)
Depth: 3-15/32 (88)
* Depth increased up to 5.2" (132) with SMK option.
Weight: 21.16 lbs (9.6 kg)

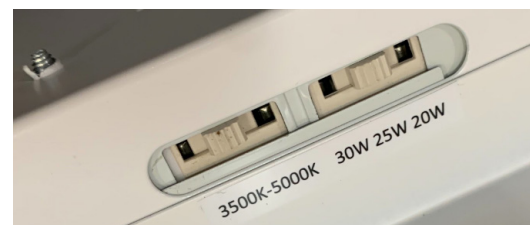All dimensions are in inches (millimeters).

Lutron Vive Integral fixture control installation on RSHL-C

AIR VENTS

Field selectable access on the back

RSHL-C

ORDERING INFORMATION

EXAMPLE: RSHL-24-C-L40/35/30-35/40/50K-UNV-DM

MODEL	SIZE		SHIELD		LED		COLOR TEMP.		CRI	
RSHL	**22**	2' x 2'	**C**	Center	**L40/35/30** **L30/25/20**	30W /35W /40W LED 20W /25W /30W LED	**-35/40/50K**	Selectable 35/40/50K	**(Blank)**	80+ CRI
	24	2' x 4'			**L34/30/25** **L45/38/34**	25W /30W /34W LED 34W /38W /45W LED				

MOUNTING		DIFFUSER		VOLTAGE		LED DRIVER		PRESET	
(Blank) **FK** **SMK**	Grid Flange [1] Surface Mount Kit	**(Blank)**	Acrylic Diffuser with Overlay	**UNV** **120** **277**	120-277V 120V 277V	**DM**	Dimming Ballast 10~100% dim (Std.)	**(Blank)** **PS(Lxx,yyK)**	Non-Preset Preset Request; XX for watt, YY for CCT *Factory default setting: 22-L35-40K 22-L25-40K 24-L34-40K 24-L45-40K

	OPTIONS
EMG8	1296 LUMEN EM Battery Backup (CEC Compliant EM) [3]
EMG15	2430 LUMEN EM Battery Backup (CEC Compliant EM) [3]
EMG20	3240 LUMEN EM Battery Backup (CEC Compliant EM) [3]
ELCU-200	Fail-to-on Emergency lighting, UL924 [6]
GTD	Bodine Generator Transfer Device
GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
ARRA	Assembled in USA for Buy American act
O7W	Optional 7 Years Limited Warranty [5, 8]
O10W	Optional 10 Years Limited Warranty [5, 8]
AIR	Air Supply/Return [7]
AMB	Anti-Microbial Coating (Matte Skye White)
HC403	Integrated Microwave bi-level Occupancy Sensor

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. Custom wattage products are not DLC qualified.
5. 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)
6. Shipped separately.
7. 10-12 weeks lead time.
8. Only available with fixed wattage and CCT.

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