

## RSB LED



## CASAMBI

## APPLICATION

This attractive recessed fixture with side baskets provide soft ambient in direct and indirect lighting. Direct and Indirect asymmetrically distributed lighting fixture reduce shadows and glare by combining aesthetically please lighting. It is an excellent choice for modern office environments, classrooms, hospitals and retail spaces.

## FEATURES:

- Die formed, cold-rolled, heavy gauge steel housing construction provides durability and strength.
- White powder coated housing.
- Slope side softly reflect light back downwards.
- Smooth edges for easy handling.
- T-bar safety clips are standard.
- Reflectors were finished in textured matte white powder coated paint for uniform light distribution and over rust inhibiting phosphate coating.
- PAF (Painted After Fabrication) finish is standard for corrosion resistance and efficiency.

## SHIELDING:

- Perforated white metal basket with white acrylic lens.

## MOUNTING:

- Recessed mount in expose T-bar ceilings, Internal T-bar safety clips.
- Field installed flange kits are available.
- Suitable for direct insulation contact.

## LED:

- High quality array LEDs.
- LM80.
- Color Temperature: 2700/3000/3500/4000/5000(K).
- Color Rendering Index: > 82.8
- Calculated L70: 122,000 hours
- Reported L70: +60,000 hours

## ELECTRICAL:

- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class 1 or Class 2 circuit.
- Generic : 0-10V 10% dim. (GR)
- 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:

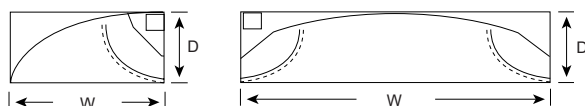
- UL/CUL listed and labeled.
- Listed to UL 1598 and UL 8750.
- Suitable for damp locations.
- CEC Compliant EM (please contact for more information)
- IC Rated.
- ARRA compliant (optional).
- BAA compliant (optional).
- Trade Agreements Act compliant (optional).
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) <sup>2</sup>
- Bluetooth Mesh System available, please contact factory for more information.

## CONFIGURATIONS

Catalog No. #	Input Watts	Lumen Output
RSB-12-18L/xx-UNV	18W	1066 lm
RSB-12-27L/xx-UNV	27W	1599 lm
RSB-14-36L/xx-UNV	36W	2133 lm
RSB-14-54L/xx-UNV	54W	3161 lm
RSB-22-36L/xx-UNV	36W	2133 lm
RSB-22-54L/xx-UNV	54W	3161 lm
RSB-24-36L/xx-UNV	36W	2133 lm
RSB-24-54L/xx-UNV	54W	3161 lm
RSB-24-72L/xx-UNV	72W	4214 lm

## OUTPUT CURRENT

		Bi-Level		Tri-Level (Default)	
SW1	SW2	Config Range	Default	Config Range	Default
Close	Open	10% - 70%	40%	10% - 70%	30%
Open	Close	10% - 70%	40%	10% - 70%	70%
Close	Close	100%	100%	100%	100%
Open	Open	0%	0%	0%	0%

Specifications: 1'x2'

Length: 23-3/4 (603)  
Width: 11-15/16 (303)  
Depth: 5-1/2 (140)  
Weight: 17.7 lbs (8.03 kg)

Specifications: 2'x2'

Length: 23-3/4 (603)  
Width: 23-15/16 (608)  
Depth: 5-1/2 (140)  
Weight: 16.38 lbs (7.43 kg)

Specifications: 1'x4'

Length: 47-3/4 (1213)  
Width: 11-15/16 (303)  
Depth: 5-1/2 (140)  
Weight: 17.7 lbs (8.03 kg)

Specifications: 2'x4'


Length: 47-3/4 (1213)  
Width: 23-15/16 (608)  
Depth: 5-1/2 (140)  
Weight: 24.1 lbs (10.93 kg)


All dimensions are in inches (millimeters).


## RSB LED

## ORDERING INFORMATION

EXAMPLE: RSB-24-36L-40K-UNV

MODEL	SIZE		LED		COLOR TEMP.		EFFICACY		CRI		TRIM TYPE		VOLTAGE			
RSB	12	1' x 2'	18L	18W LED	<b>-27K</b> <b>-30K</b> <b>-35K</b> <b>-40K</b> <b>-50K</b>	2700K <sup>5</sup> 3000K 3500K 4000K 5000K	<b>(Blank)</b> <b>HE</b>	Standard High Efficacy 	<b>(Blank)</b> <b>C9</b>	80+ CRI 90+ CRI <sup>6</sup>	<b>(Blank)</b> <b>FK</b>	Grid Flange <sup>1</sup>	<b>UNV</b> <b>120</b> <b>277</b> <b>347</b>	120-277V (Std.) 120V 277V 347V		
	14	1' x 4'	36L	36W LED											54L	54W LED
	22	2' x 2'	36L	36W LED											54L	54W LED
	24	2' x 4'	36L	36W LED											54L	54W LED
		* Contact factory for custom wattage or lumen requirement.														

LED DRIVER		OPTIONS	
GR	Generic, 0-10V 10% dim (Std.) <sup>4</sup>	EMG8	1296 LUMEN EM Battery Backup (CEC Compliant EM) <sup>3,9</sup>
DM1	Generic 0-10V 1% dim	EMG15	2430 LUMEN EM Battery Backup (CEC Compliant EM) <sup>3,9</sup>
SD40	40% / 100% Bi-Level Step dim	EMG20	3240 LUMEN EM Battery Backup (CEC Compliant EM) <sup>3,9</sup>
SDXX	XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%)	EMG25	4050 LUMEN EM Battery Backup (CEC Compliant EM) <sup>3,9</sup>
TDM	Triac Dim. (120V only)	ELCU-200	Fail-to-on Emergency lighting, UL924 <sup>7</sup>
TD30/70	30% / 70% / 100% Tri-Level Step dim	GTD	Bodine Generator Transfer Device
TDXX/YY	XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%)	GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
ES566	elidoLED SOLDrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim	PW6	Pre-wired 6' Whip Flex #18/3
EC	elidoLED ECOdrive 0-10V natural dim to 1% (Hybrid HydraDrive)	DPL	Dust/Bug Proof Clear Acrylic Lens
LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim	ARRA	Assembled in USA for Buy American act
ELV	ELV compatible (reverse-phase or trailing-edge), (120V only)	BAA	BAA(Buy American Act) and BABA(Build America Buy America) compliant
PHSR	Philips Xitanium Sensor-Ready, Dali 5%~100% dim.	TAA	Trade Agreements Act compliant
PHDL	Philips Xitanium DALI driver, Dim to 5%	O7W	Optional 7 Years Limited Warranty <sup>2</sup>
ED560	elidoLED LightShape DALI dim to dark, 0.1% ~ 100%	O10W	Optional 10 Years Limited Warranty <sup>2</sup>
DMX	DMX512 control system (Only available with RGB+W option)	AMB	Anti-Microbial Coating (Matte Skye White)
DLM	Wattstopper's DLM interface (Only available with RGB+W option)		
LTEA2W	Hi-lume 1% 2-wire LED driver (120V forward phase only)		
 BLT	Bluetooth Mesh System (contact factory for more information)		

LIGHTING CONTROL SYSTEM	
LUTRON VIVE	<Lutron Vive System Enabled>  Click Here!
SNS200C RS-IR	<EasySense> EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) <sup>8</sup> IR dongle for EasySense control
PPA102S	<Bluetooth> Bluetooth Powerpack (Consult factory for installation location)
CASAMBI	Contact factory for CASAMBI READY options

## NOTES:

- Flange kits are supplied in separate boxes, field installed.
- 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)
- Contact factory for other emergency ballast options.
- To find an approved dimmer switch, please see table 1.
- Available with C9 only.
- Lumen per watt is around 15% less than standard CRI (80+).
- Shipped separately.
- 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.
- Must specify voltage, not available with 347V.

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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
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IlumaTech - IP710-DLX
		<Lightoller Controls>	ZP600FAM120
		<Merten>	5729
		<Pass & Seymour>	CD4FB-W
		<Wattstopper>	DCLV1
		<Sensor Switch>	nIO EZ
		<Synergy>	ISD BC
		<ABB>	SD/S 2.16.1
		<Lutron>	Nova T: NTFTV Diva - DVTv-xx, NFTV GRAFIK Eye: GRX-TVI w GRX3503 Energy Savr Node: QSN-4T16-S TVM2 Module
		<Crestron>	GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-*, GLPAC-DIMFLV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
LDE1	Lutron Hi-lume 1% EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO <sup>1,2</sup> Energi Savr Node (120V only): QSN-1ECO-S, QSN-2ECO-S GRAFIK Eye QS/Homeworks QS control unit (120V only): QSGRJ- E(wireless) QSGR- E Quantum Hub (120V only): QP2- _2C/4C/6C/8C Homeworks QS/myRoom Plus power module (120V only): LQSE-2ECO-D
TDM	KEYSTONE	<Lutron>	Diva DV-600P, SkyLark S-600P, Ariadni AY-600P, Ariadni TG-603P, Maestro MA-600 (Digital), Diva CFL/LED DVCL-153P, Satin Colors DVSC-600P-SW
		<Leviton>	6641, IlumaTech IP106-1LX, ToggleTouch TGI06-1LW (Digital)
ELV	KEYSTONE	<Lutron>	MAELV-600BL (Digital), DVELV-300P, SkyLark SELV-300P
LTEA2W	Lutron Hi-lume 2-wire (120V forward voltage only)	<Lutron>	Visit <a href="http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf">http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf</a> for a list of compatible dimmer switches.

## NOTES:

1. All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command.

For more detail on adjusting low-end light level refer to Application Note#556 at [www.lutron.com](http://www.lutron.com).

2. For the Line/Hot (L/H) terminal on the driver, it is preferred not to use the switched hot (red) wire from the control but rather the hot wire directly from the power source.