RSHB LED

SPECIAL ORDER : 10-12 Weeks lead time

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 housing with high reflectance.
- Non-glare white powder coat finish over rust inhibiting phosphate coat for maximum corrosion resistance.
- Shallow recessed luminaires, available in wide center basket and dual basket configurations.
- 86% minimum average reflective white powder coat housing.
- Reflectors and shields in textured matte white powder coated finish.
- Diffused and perforated metal shield with a non-glare acrylic inlay.
- Swing down basket for easy access to the electrical components.

MOUNTING:

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

LED:

- Color Temperature: 3000/3500/4000/5000 (K).
- LED Module: High efficency up to 162 LPW.
- Service life: Greater than 60,000 hours(L_{70}) minimizing maintenance frequency.
- Poke in wire connectors.
- Color variation within 3-step MacAdam ellipse.

ELECTRICAL:

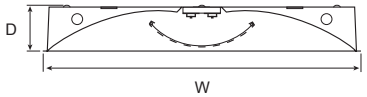
- High power factor electronic driver, operate from a 108 ~ 305 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.90
- Class 2 and SELV.
- 0-10V dimmable driver as standard.
- Minimum starting temperature: -22°F (-30°C) ~ 122°F (50°C).

LISTING:

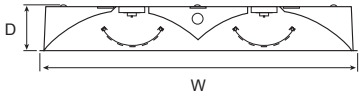
- UL/CUL listed and labeled.
- Recessed Luminaires, Type IC
- Suitable for damp locations.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) [3]
- ARRA compliant. (optional)

CONFIGURATIONS

Series	Size	Shield	LED Watts	System Lumen
RSHB	2' x 2'	Center / Dual	24W	2972 lm
			36W	4156 lm
	2' x 4'		42W	4660 lm



[CENTER BASKET]



[DUAL BASKET]

Specifications: 2'x2'
Length: 24 (608)
Width: 23-11/16 (602)
Depth: 3-15/32 (88)

Specifications: 2'x4'
Length: 48 (1218)
Width: 23-11/16 (602)
Depth: 3-15/32 (88)

All dimensions are in inches (millimeters).

ORDERING INFORMATION

EXAMPLE: *RSHB-24-C-42L/40-UNV-DM*

MODEL	SIZE		SHIELD		LED		COLOR TEMP.		TRIM TYPE		DIFFUSER		VOLTAGE	
RSHB	**22**	2' x 2'	**C**	Center	**24L**	24W LED	**/30**	3000K	**(Blank)**	Grid	**(Blank)**	Perforated Metal Diffuser with Overlay	**UNV**	120-277V
			D	Dual	**36L**	36W LED	**/35**	3500K	**FK**	Flange [1]			**120**	120V
	24	2' x 4'			**42L**	42W LED	**/40**	4000K (Std.)	**SFK**	Surface Mount Kit			**277**	277V
							/50	5000K					**347**	347V [2]
					* Contact factory for custom wattage or lumen requirement.								**480**	480V [2]

DIMMING		OPTIONS		LIGHTING CONTROL SYSTEM	
DM	Dimming Ballast 10~100% dim (Std.)	**EM7**	7W Emergency Battery Pack		<Lutron Vive System Enabled>
DM1	Dimming Ballast 1~100% dim	**EM10**	10W Emergency Battery Pack	**VRF**	DFCSJ-OEM-RF, Vive Integral fixture control (RF only, for Lutron EcoSystem drivers or Philips SR driver)
SD50	Bi-Level Step dim 50/100	**ARRA**	Assembled in USA for Buy American act	**FCJS0**	FCJS-010, Vive Attached fixture control (RF only for 0-10V drivers)
LDE5	5-Series EcoSystem LED driver, 100% ~ 5% dim	**O7W**	Optional 7 Years Limited Warranty [3]	**FCJSE**	FCJS-ECO, Vive Attached fixture control (RF only for Lutron EcoSystem drivers)
LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim	**O10W**	Optional 10 Years Limited Warranty [3]	**FCJS0EM**	FCJS-010-EM, UL 924 Emergency (Must be ordered with FCJS-010)
L3D	1%, Lutron, 3 Wire			**FCJSEEM**	FCJS-ECO-EM, UL 924 Emergency (Must be ordered with FCJS-ECO)
PSHR	Philips Xitanium Sensor-Ready, Dali 5%~100% dim.				

NOTES:
1. Flange kits are supplied in separate boxes, field installed.
2. Supplied with step down transformer. Not available with EM option.
3. This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.

UTOPIA LIGHTING reserves the right to change specifications, drawings, dimensions without prior notice.

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
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IllumaTech - 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-DIMFLVV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
LDE5	Lutron Hi-lume 1% EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO [1, 2] Energi Savr Node (120V only): QSN-1EC0-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
LDE1	Lutron 5-Series EcoSystem		

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.
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.