LED RECESSED SHALLOW BASKET LENS

RSHL-D

DISCONTINUED
Limited Stock Available

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 for maximum corrosion resistance.
- Shallow recessed luminaires, available in dual enclosed lens configurations.
- 86% minimum average reflective white powder coat housing.
- Frosted lens. Tool-free removable.
- Reflectors and shields in textured matte white powder coated finish.
- Paint after fabrication.

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:

- 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
- The 0-10V Dimming type is continuous.
- The product can dim to 10%.
- To find an approved dimmer switch, please see table1.
- Minimum starting 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.
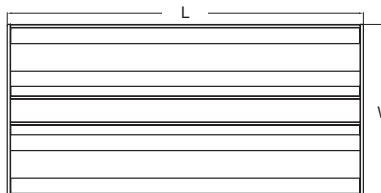- UL listed for use in emergency circuits.

LISTING:

- UL/CUL listed and labeled.
- Listed to UL 1598 and UL 8750.
- DLC premium listed. [3]
- 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).

Specifications: 2'x4'
Length: 47.8 (1213)
Width: 23.8 (604)
Depth: 2.8 (70)
Weight: 4.2 lbs (7.92 kg)

All dimensions are in inches (millimeters).

CONFIGURATIONS

Series	Size	AC Input Wattage	Lumen Output (3500K)	Lumen/ Watt	Lumen Output (4000K)	Lumen/ Watt	Lumen Output (5000K)	Lumen/ Watt
RSHL-D	2' x 4'	30W	3720 lm	124 lm/W	3750 lm	125 lm/W	3780 lm	126 lm/W
		45W	5580 lm		5625 lm		5670 lm	
		55W	6820 lm		6875 lm		6930 lm	

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ORDERING INFORMATION

EXAMPLE: **RSHL-24-D-L45-40K-UNV-DM**

MODEL	SIZE		SHIELD		LED		COLOR TEMP.		TRIM TYPE		DIFFUSER	
RSHL	24	2' x 4'	D	Dual	**L30**	30W	**-30K**	3000K	**(Blank)**	Grid	**(Blank)**	Frosted Lens
					L45	45W	**-35K**	3500K	**FK**	Flange [1]		
					L55	55W	**-40K**	4000K (Std.)				
							-50K	5000K				
					* Contact factory for custom wattage or lumen requirement. [5]							

VOLTAGE		DIMMING		OPTIONS	
UNV	120-277V	DM	Dimming Ballast 10~100% dim (Std.)	EMG5	810 LUMEN EM Battery Backup (CEC Compliant EM) [4]
120	120V	DM1	Dimming Ballast 1~100% dim	EMG8	1296 LUMEN EM Battery Backup (CEC Compliant EM) [4]
277	277V	SD50	Bi-Level Step dim 50/100 [2]	EMG16	2592 LUMEN EM Battery Backup (CEC Compliant EM) [4]
		LDE5	5-Series EcoSystem LED driver, 100% ~ 5% dim	EMG25	4050 LUMEN EM Battery Backup (CEC Compliant EM) [4]
		LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim	ELCU-200	Fail-to-on Emergency lighting, UL924 [7]
				GTD	Bodine Generator Transfer Device
		RHSR	Philips Xitanium Sensor-Ready, Dali 5%~100% dim.	GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
				ARRA	Assembled in USA for Buy American act
				BAA	BAA(Buy American Act) and BABA(Build America Buy America) compliant
				O7W	Optional 7 Years Limited Warranty [6]
				O10W	Optional 10 Years Limited Warranty [6]

	LIGHTING CONTROL SYSTEM
	<Lutron Vive System Enabled>
VDO	Vive Integral fixture control (RF with daylight and occupancy sensing), (Must be ordered with EcoSystem drivers or PHSR)
VRF	Vive Integral fixture control (RF only), (Must be ordered with EcoSystem drivers or PHSR)
FCJS0	Vive Attached fixture control (RF only for 0-10V drivers)
FCJSE	Vive Attached fixture control (RF only for Lutron EcoSystem drivers)
FCJS0EM	UL 924 Emergency PowPak wireless fixture control for 0-10V drivers
FCJSEEM	UL 924 Emergency PowPak wireless fixture control for Ecosystem drivers
	<Bluetooth>
PPA102S	Bluetooth Powerpack (Consult factory for installation location)

NOTES:
1. Flange kits are supplied in separate boxes, field installed.
2. Lumens and watts per foot may differ for STEP drivers, consult factory.
3. 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.
4. Contact factory for other emergency ballast options.
5. Custom wattage products are not DLC qualified.
6. 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)
7. Shipped separately.

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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.