

## Litewave™

Recessed Center Basket  
G-D-LRC, NG-D-LRC,  
SS-D-LRC, R-D-LRC  
Recessed Indirect

**New Design replaces SAE Litewave  
(G-D-LWC and G-D-TDxxC).**

### Product Description

Recessed fixture with a perforated steel basket in the center of the fixture, and a translucent overlay to prevent direct view of the lamps. Ceiling interface components to accommodate multiple ceiling types. UL Listed.

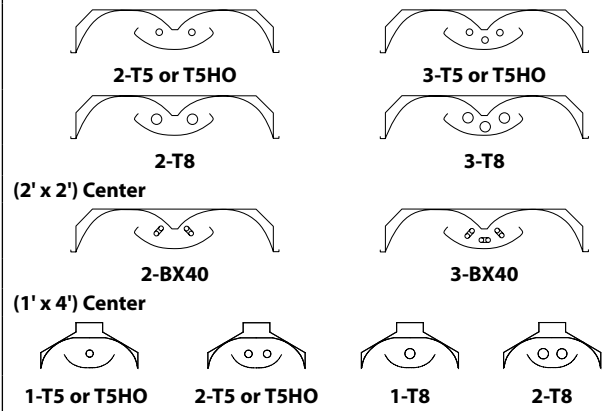
### Ordering Guide

Product, lamping, & length							Options					
	D -	LRC				PFO -	CWM -					
Mounting	Distribution	Series	Width (ft)	Length (ft)	Lamp Count	Lamp Type	Shielding	Finish	Tandem Wiring	Ballasts	Other options	Volts
<b>G</b> 15/16" grid ceiling <b>NG</b> 9/16" narrow face grid ceiling <b>SS</b> 9/16" screw slot grid ceiling <b>R</b> Drywall ceiling	<b>D</b> Direct	<b>LRC</b>	2	2 →	2,3 →	T8 T5HO T5 BX40	<b>PFO</b> Perforated basket with translucent overlay	<b>CWM</b> (Matte White) is standard	-- <b>TW</b>	<b>ELB10</b> is std for T8 or BX <b>LP/ELB</b> is std for T5 or T5HO see notes	<b>F</b> <b>LP/EF</b> see Other options	<b>120</b> <b>277</b>
			2	4 →	2,3 →	T8 T5HO T5						
			1	4 →	1,2 →	T8 T5HO T5						

**notes:**  
Lamp Count = total number of lamps in the fixture  
**For Dimming, please contact factory to determine availability of ballast types and wiring options.**  
**For Ordering guide information in shaded areas, choose selection by reading ACROSS the shaded areas for correct specifications.**

**G-D-LRC242T5-PFO-CWM-TW-LP/ELB-120** is a typical catalog number for a 2-foot by 4-foot 2-lamp (2 lamps in cross-section), T5 fixture, with perforated basket and Matte White finish, tandem wired electronic ballast, 120 volts.

#### Cross-section lamping (2' x 2') and (2' x 4') Center



### Tandem Wiring & Circuiting Options

**TW** Fixtures wired with two circuits. For 2-lamp in cross section fixtures, the fixture is wired such that the lamps are switched separately. For 3-lamp in cross section fixtures, the fixture is wired such that the center lamp is switched separately from the outer lamps.

### Other Options

**F** Fuse installed, slow or fast blow, determined by Litecontrol.  
**LP/EF** Low-profile emergency fluorescent ballast installed, manufactured by a UL-Listed manufacturer, that will operate one lamp for 1 1/2 hours during a power outage.

#### Questions to Ask

1. Ceiling type?
2. Fixture dimensions and lamping?
3. Shielding?
4. Tandem wiring?
5. Other options?
6. 120 or 277 volt?



## Specifications

**HOUSING.** Die-formed steel housing assembly and reflector. Wiring access plate is provided on back of housing, for flexible conduit attachment.

**REFLECTORS.** Die-formed steel with high-reflectance white finish.


**LAMPING.** LRC22 and LRC24 available in two- or three-lamp T8, T5 and T5HO cross-sections. LRC22 also available in two- or three-lamp BX cross-sections. LRC14 available in one- or two-lamp T8, T5 and T5HO cross-sections.

**LAMP SHIELDING.** Perforated steel, 0.078" diameter holes in a staggered pattern on 0.11" centers, 46% open. Provided with white translucent overlay to shield direct view to lamps.

**BALLAST.** Low-profile, electronic, high power factor, thermally protected Class P, Sound Rated A, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. Ballasts with a voltage range of 120 to 277 will be used when fixture configuration and ballast availability allow. The minimum number of ballasts will be used.

**TANDEM WIRING.** When selected from Ordering Guide, fixtures wired to switch lamps separately, providing two levels of light.

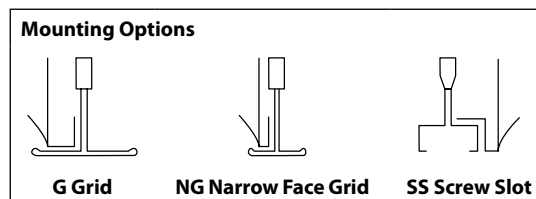
**MOUNTING.** The fixture is intended for installation in 2' x 2', 2' x 4' or 1' x 4' standard exposed inverted T-bar grid ceiling (NEMA type **G**), screw slot ceiling (**SS**), or narrow face grid ceiling (**NG**). Holes provided for wire of chain mounting support to building structure.

**CERTIFICATION.** Fixture and electrical components shall be UL and/or CUL Listed. 

Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

## Planning for Installation

Series Number	T-bar On-centers Spacing	
	Width	Length
LRC22	24"	24"
LRC24	24"	48"
LRC14	12"	48"



Row mounting of fixtures not available.

## Efficiency Data

Width	Length	Lamping	Efficiency
2	4	1-T8	66%
2	4	2-T8	64%
2	4	2-T5	63%
2	4	2-T5HO	65%
2	2	2-T5	62%
2	2	2-T5HO	56%
1	4	2-T8	53%

IES files available at [litecontrol.com](http://litecontrol.com).