

**DESCRIPTION**

The high-performance LASP LED center basket luminaire is available in 2'x 2' and 2'x 4' sizes and offers up to 140 LPW to maximize energy savings and utility rebates. The LASP is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores, and is the perfect choice for both new construction and retrofits. This high-efficacy luminaire provides long-life, uniform illumination, standard 0-10VDC dimming capability as well as egress lighting, thus making it the ideal choice for your troffer lighting needs.

**CONSTRUCTION**

- Steel housing in a white finish
- LED light engine is protected by a diffused polycarbonate lens
- Enclosure fits in standard 2' x 2' (LASP22) or 2' x 4' (LASP24) grid ceilings
- Standard earthquake clips provide secure installation in grid ceilings

**OPTICS/LEDS**

- Available in 3000K, 3500K, 4000K and 5000K CCT
- Polycarbonate lens provides uniform illumination with no visible LED pixilation
- Efficacies up to 140 LPW maximize energy savings and utility rebates
- L70 of 100,000 hours
- CRI of ≥80

**ELECTRICAL**

- 120-277VAC, 50/60Hz
- 1-10V Dimming driver
- Power factor > 0.90
- Total harmonic distortion < 20%

**INSTALLATION**

- Easy installation in new construction or retrofit applications, fits in standard 2' x 2' or 2' x 4' grid ceilings
- Standard mounting options include recessed mounting in grid ceiling or suspension mount using attached hanging brackets

**ACCESSORIES**

- Field-installable battery packs available for emergency egress (LBD-xx)
- Surface mount kit allows for installation on plaster or other hard ceilings (LPxx-SMK)
- Cable mount kit (3') allows fixture to be suspended. Includes 6 x 3' cable suitable to mount one unit (LP-CMK)

**TESTING & COMPLIANCE**

- cUL Listed for Damp Locations and IC rated (insulated ceilings)
- DesignLights Consortium® (DLC) PREMIUM Qualified
- Operating temperatures: -20°C to 40°C (-4°F to 104°F)

**WARRANTY**

- Five year warranty (Terms and Conditions apply)

**ORDERING INFORMATION**

Example: LASP22-32-35K

Series/Wattage	CCT	Accessories <sup>2</sup> (Field Installed)
LASP22-32 <sup>1</sup> = 2' X 2' Premium Basket, 32 Watts	3K = 3000K	LBD-5-NC-CW-C <sup>3</sup> = 5 Watt Battery Pack for Emergency Egress
LASP24-40 <sup>1</sup> = 2' X 4' Premium Basket, 40 Watts	35K = 3500K	LBD-7-NC-CW-C <sup>3</sup> = 7 Watt Battery Pack for Emergency Egress
	4K = 4000K	LBD-10-NC-CW-C <sup>3</sup> = 10 Watt Battery Pack for Emergency Egress
	5K = 5000K	LBD-13-NC-CW-C <sup>3</sup> = 13 Watt Battery Pack for Emergency Egress
		LBD-17-NC-CW-C <sup>3</sup> = 17 Watt Battery Pack for Emergency Egress
		LP-CMK = Cable Mount Kit (6 pieces X 3')
		LP22-SMK <sup>4</sup> = 2' X 2' Surface Mount Kit
		LP24-SMK <sup>4</sup> = 2' X 4' Surface Mount Kit

**Notes:**

- <sup>1</sup> Packaged two (2) per carton
- <sup>2</sup> Order as a separate line item; shipped in a separate box for field installation
- <sup>3</sup> LBD is not IC Rated. Consult the LBD spec sheet for more information
- <sup>4</sup> LBD accessory not compatible with Surface Mount Kit (LPxx-SMK)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

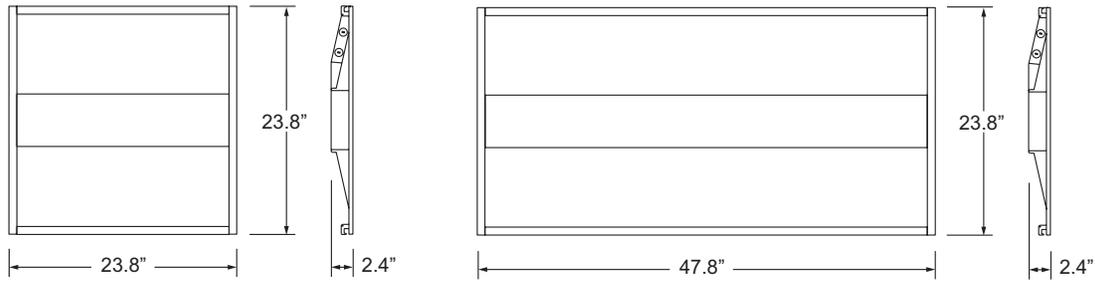


Specs At A Glance*								
Wattage (W)	32				40			
Model	LASP22 (2' X 2')				LASP24 (2' X 4')			
CCT	3000	3500	4000	5000	3000	3500	4000	5000
Lumens (lm)	4194	4293	4371	4527	5680	5743	5793	5894
Efficacy (LPW)	136	136	138	140	129	130	132	134
CRI	≥80							
Input Voltage	120 - 277VAC, 50/60Hz							
Certifications	UL Listed for Damp Locations, IC Rated, DLC PREMIUM Qualified							
Warranty	5 Years							
Operating Temp	-20°C to 40°C (-4°F to 104°F)							
Weight	6.2 lbs				12.8 lbs			

\*Nominal Wattage, tested at 5000K CCT

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

## DIMENSIONS



## LUMEN OUTPUT SUMMARY FOR LBD BATTERY PACK ACCESSORY

LASP BATTERY PACKS:			LBD-5-NC-CW-C	LBD-7-NC-CW-C	LBD-10-NC-CW-C	LBD-13-NC-CW-C	LBD-17-NC-CW-C
Model	Unit Lumens	Unit Wattage	Battery Backup Lumens				
LASP22-32-3K	4194	32	591	828	1183	1538	2011
LASP22-32-35K	4293	32	591	828	1183	1538	2011
LASP22-32-4K	4371	32	600	840	1200	1560	2041
LASP22-32-5K	4527	32	609	852	1218	1583	2070
LASP24-40-3K	5680	40	561	785	1122	1459	1907
LASP24-40-35K	5743	40	565	791	1131	1470	1922
LASP24-40-4K	5793	40	574	803	1148	1492	1952
LASP24-40-5K	5894	40	582	816	1165	1515	1981

Specifications are subject to change without notice.  
 Installation must be performed in accordance with  
 Barron Lighting Group installation instructions.

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The Exitronix LED Backup Driver (LBD Series) is specifically designed to provide emergency lighting of LED fixtures with the loss of power. The unit's low-profile configuration makes the series suitable for most pre-installation and on-site applications.

**SPECIFICATIONS**

**Illumination:**

- Provides constant power output to the load during emergency mode operation
- Can be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD

**Electrical:**

- Universal 120-277VAC, 50/60Hz input
- Charge/Power "ON" LED indicator light and push-to-test switch for mandated code compliance testing
- Long-life, maintenance-free, rechargeable NiCad battery
- Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- 90 Minute minimum emergency operating time over full temperature range (other run times available upon request)
- Output classification: Class 2 Compliant
- Surge protection: Per C62.41 (TVS)
- Input overcurrent protection: Fusible link
- From 800 to 2400 lumen output
- Output Voltage 20VDC to 50VDC
- 24 Hour maximum battery recharge time
- LED illuminated and remote mounted test switch

**Housing:**

- Injection-molded, engineering grade, 5VA flame-retardant, high-impact resistant thermoplastic in a black finish

**Mounting:**

- Suitable for installation on top of a fixture
- Can be remote mounted (up to 50')

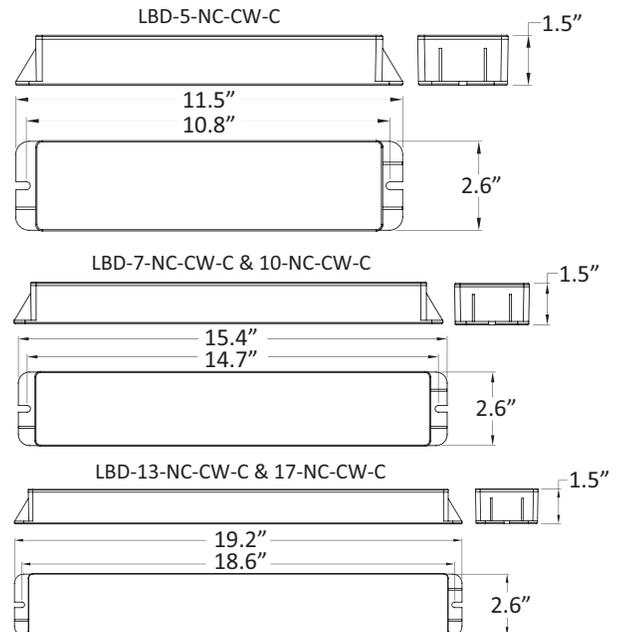
**Testing & Compliance:**

- Suitable for Field Installation
- Suitable for Damp Locations 0°C - 50°C (32°F to 122°F)
- UL Listed

**Warranty:**

- 5 Year warranty (Terms and Conditions apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



**Ordering Information Example: LBD-10-NC-CW-C**

Series	Output Power	Battery Chemistry	Output Configuration	Connection Type
LBD	5 = 5W	NC = NiCad	CW = Constant Power	C = Conduit
	7 = 7W			
	10 = 10W			
	13 = 13W			
	17 = 17W			

**Electrical Information**

Model	Input Current (A)	Input Power (W)
LBD-5W	0.061	3.9
LBD-7W	0.065	4.8
LBD-10W	0.087	5.7
LBD-13W	0.110	6.9
LBD-17W	0.110	7.9

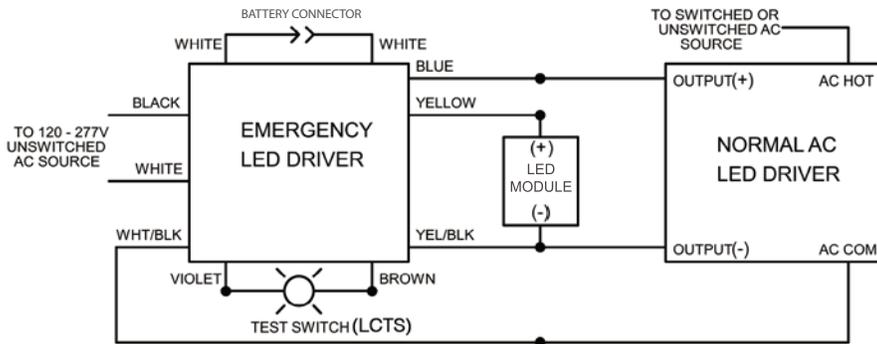
**LBD Series System Coordination Guidelines**

These guidelines were developed to allow the lighting system Designer/Specifier to predict the operating performance levels of LED luminaires when powered by an electrically compatible LBD Series model. It is ultimately the responsibility of the Designer/Specifier to ensure that the installed system delivers code-compliant path of egress illumination.

**Determine Electrical Compatibility**

1. Verify that the luminaire LED driver, where applicable, is Class 2 compliant.
2. Verify that the luminaire LED lamp(s) have an operating voltage between 20VDC and 50VDC. This can also be confirmed by the existing driver output specifications, which are normally marked or labeled.
3. Verify that the luminaire LED lamp(s) have a total power rating (Watts) equal to, or greater than, the emergency power rating of the LBD model under consideration. This can also be confirmed by the existing driver output specifications which are normally marked or labeled.
4. Multiply the luminaire Lumens per Watt by emergency output power of the LBD model under consideration to calculate the emergency output lumens expected in battery backup mode.

**WIRING DIAGRAM**



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