



PROJECT

TYPE

DATE

ITEM NO.

NOTE

## LED UTILITY WRAP LUMINAIRE

## LBW-S2 Series

Linear Luminaires

### DESCRIPTION

The Alphalite LBW Series Utility Wrap Luminaire provides high light levels for commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas, display cases, shops, task and general area lighting. Low profile design offers easy handling and storage.

### APPLICATION

Versatile solution for general illumination from surface-mounted fixture. Ideal for corridors, hallways, stairwells, closets, storage rooms, and spaces that demand energy demand reduction and high quality light.



### SPECIFICATION FEATURES

#### Benefits

- Lower installation costs and reduced maintenance costs
- Attractive ROI and lower energy costs
- Ideal for use with sensors and advanced controls
- High quality light for a more productive space
- Convenient access to replaceable, standard components reduces life cycle costs

#### Construction

Reflector utilizes highly reflective powder coat finish. Diffuser requires no additional frame or fastener for easy installation. Tool-less removal of diffuser allows access to LED array. LED module and driver are replaceable. LED module and driver are replaceable. Housing and optics maintain damp location rating with all internal components.

#### Finish

Highly reflective finish. Baked white paint, applied after fabrication.

#### Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120V-277V input voltage for increased versatility. 1-10V continuous dimming comes standard. Ideal when used in conjunction with controls and sensors. Comes equipped with quick disconnect for compliance with US code.

#### Optics

The LBW's LED light engine and integrated optics delivers enhanced light quality and distribution. Precision-formed diffuser and reflector are designed LED light consistently, reducing glare and pixelation.

#### Certifications / Regulatory

UL/cUL listed. All components used have UL approval. UL Class 2. Power supply: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. DLC listed.

#### Warranty

7-year limited warranty. See complete warranty terms for details.

### Quick Ship Product

- LBW-4L(40S2)/835
- LBW-4L(40S2)/840
- LBW-4L(40S2)/850
- LBW-4L(40/35/30S2)/835
- LBW-4L(40/35/30S2)/840
- LBW-4L(40/35/30S2)/850
- LBW-4L(40/35/30S2)/8A
- LBW-4VL(28/22/18S2)/8A

## ORDERING INFORMATION

Sample Number: LBW-4L(40S2)/840

LBW	4	L	8	40	(Blank)	(Blank)
<b>Series</b>	<b>Form Factor</b>	<b>Lumen Package</b>	<b>CRI</b>	<b>CCT</b>	<b>Input Voltage</b>	<b>Dimming</b>
LBW - LED Utility Wrap Luminaire	2 - 2' 4 - 4'	VL - Very Low Wattage L - Low Wattage *See energy data for details	8 - 80+ CRI	35 - 3500K 40 - 4000K 50 - 5000K A - 5000/4000/3500K Adjustable	(Blank) - 120-277V C - 120-347V	(Blank) - 0-10V Continuous Dimming

### Options

#### Driver Options

**Input Voltage:** Custom input voltage available. Contact your Alphalite representative for added cost, quantities and lead times.

#### Accessories

**ACC** - Air Craft Cable 120" toggle kit (Field install)

#### Controls

- PIR** - On/off PIR High Bay motion sensor
- PIRD** - On/off PIR high bay motion and daylight sensor
- OS** - Step dimming PIR motion sensor and daylight sensor (Required RC-101 Sensor Configuration Tool)
- MMS** - Step dimming Microwave Motion Sensor and daylight sensor (Required RC-MH12 Sensor Configuration Tool)
- SMC** - Smart Control System

#### Emergency Backup

- (Lumen will maintain over the 90-minute duration)
- EM700** - 700lm
- EM1400** - 1400lm
- EM2000** - 2000lm

#### Assembly in USA

**BAA** - Assembly in USA

SUMMARY

Input Voltage	120V-277V
Input Power	See energy data for details
Power Factor	> 0.9
THD (Max.)	20%
Efficacy	130 LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	Full Range 1-10V dimming standard
Dimming Range	10-100%
CRI	> 80
CCT	3500,4000,5000K 3500/4000/5000K Selectable
Operating Temp.	4°F ~ 133°F (-20°C ~ +55°C)
Rated Life	70,000 hours

ENERGY PERFORMANCE DATA

Form Factor	Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
2'	LBW-2L(25S2)/835*	25	2600	130
	LBW-2L(25S2)/840*			
	LBW-2L(25S2)/850*			
4'	LBW-4L(40S2)/835	40	5200	130
	LBW-4L(40S2)/840			
	LBW-4L(40S2)/850			
	LBW-4L(40/35/30S2)/835	40/35/30	5200/4550/3900	130
	LBW-4L(40/35/30S2)/840			
	LBW-4L(40/35/30S2)/850			
	LBW-4VL(28/22/18S2)/8A*			
LBW-4L(40/35/30S2)/8A*	28/22/18	3640/2860/2340	130	
LBW-4L(40/35/30S2)/8A*	40/35/30	5200/4550/3900	130	

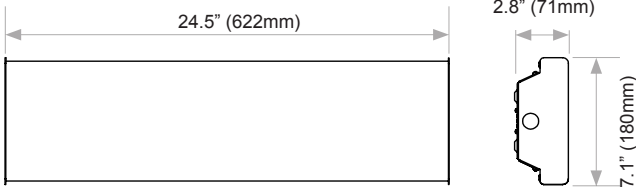
\* DLC 5.1 Standard Listed

PHYSICAL PARAMETERS

DIMENSION

LBW-2

4.5 lbs



LBW-4

10.80 lbs

