



Project

Product Code

Type

Date

Approval



The BRLR is an LED retrofit kit offering up to 50% in energy savings over a traditional T8 fixture. It has been designed to convert existing 2x2, 1x4 and 2x4 recessed troffers from T8 or T12 to LED. Its flexibility and simple installation make it easy to take advantage of improved energy-efficiency and performance

### Overview

- L70 of 110,000 hours+
- L90 of 34,000 hours+
- 0 - 10V dimming standard
- 10 minute installation time

### Construction

- Manufactured in Ontario, Canada
- Pre-painted white steel fixture components are precision bent for added strength and rigidity
- Shallow design for ease of installation and a clean, professional look

### Electrical

- ETL certified to UL Canada and United States standards
- Available in 120 - 277V and 347V

### Optics

- High-efficiency frosted diffuser maximizes light distribution while providing diffusion of LED point sources

### Mounting

- Holes provided for mounting inside existing fluorescent recessed troffers using self-tapping screws

### Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Lumen packages are available from 2,000L to 6,000L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K

### NOTES

### ↓ ↓ ↓ NOMENCLATURE

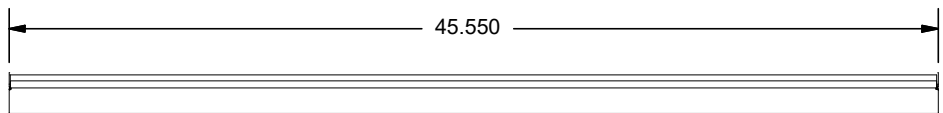
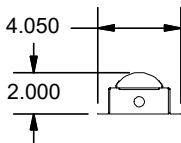
Fixture Type	Fixture Size	Lumen Output	CRI	Color Temp	Driver Voltage	Options
BRLR		L				
	14, 22	2	8 - 80 CRI	30 - 3000 K	UNV - 120-277V	
		2.5	9 - 90 CRI	35 - 3500 K	347 - 347V	
		3		40 - 4000 K		
		3.5		50 - 5000 K		
		4		65 - 6500 K		
		4.5				
		5				
	24	3				
		3.5				
		4				
		4.5				
		5				
		5.5				
		6				
		7				
		8				
		9				
		10				

- Lenses**
- Blank - Frosted Acrylic Lens
- Controls**
- B11 - 0-10V Dimming Leads
- WC22 - JDRF - ZigBee
- WC\*\* - Other Options Available
- Emergency Driver**
- B17 - Emergency Driver
- Packaging**
- P0 - Bulk Packaging
- P\*\* - Other Options Available

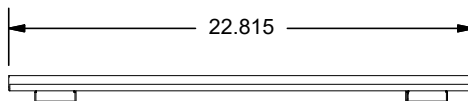
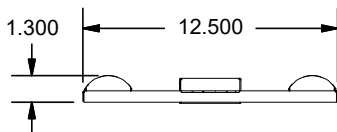
\*\* - Consult BJ Take for more fixture options

### 📐 DIMENSIONS

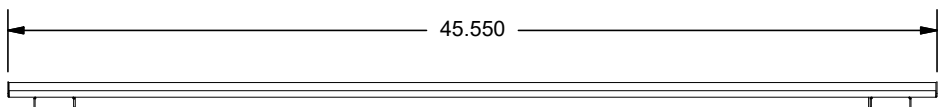
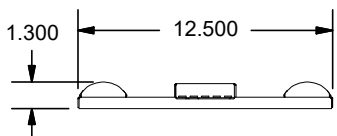
1x4 Dimensions



2x2 Dimensions



2x4 Dimensions



### SPECIFICATIONS

BRLR-14 Wattage Chart				
Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
14	2	1916	14.96	128.1
	3	2807	22.37	125.5
	4	3660	29.78	122.9
	5	4476	37.20	120.3

BRLR-22 Wattage Chart				
Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
22	2	1903	14.93	127.5
	3	2817	22.35	126.0
	4	3708	29.77	124.5
	5	4577	37.20	123.1

BRLR-24 Wattage Chart				
Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
24	3	3010	21.30	141.3
	4	4029	28.81	139.8
	5	5026	36.32	138.4
	6	6001	43.83	136.9
	7	6955	51.34	135.5
	8	7886	58.85	134.0
	9	8795	66.36	132.5
	10	9679	73.85	131.1

Based on UNV Voltage  
Based on 4000K  
Based on 80 CRI