



Project

Product Code

Type

Date

Approval



The BLRT is a recessed lay-in fixture designed for use in T-bar ceilings and is well suited for use in office spaces where a clean, professional appearance is required

## Overview

- L70 of 150,000 hours+
- L90 of 45,000 hours+
- 0 - 10V dimming standard

## Construction

- Manufactured in Ontario, Canada
- Precision laser-cut cold-rolled steel body
- Access panel provided for easy wiring
- Shallow fixture design for easy 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 extruded lens maximizes light distribution while providing diffusion of LED point sources
- Powder coated in high-reflectance white

## Mounting

- Holes provided for chain or hanger wire mounting
- Support for T-Bar ceilings
- Surface mount and drywall kits

## Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- Lumen packages are available from 2,000L to 6,000L
- Available in 1x4, 2x4 and 2x2 dimensions
- Available with passive or active air handling
- Bluetooth and wireless mesh networks controls

## NOTES

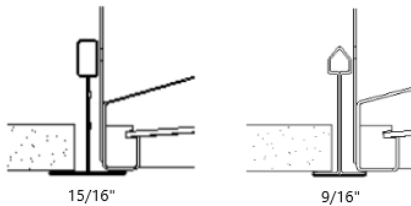
## ↓ ↓ ↓ NOMENCLATURE

Fixture Type	Fixture Size	Lumen Output	CRI	Color Temp	Driver Voltage	Options
BLRT						
	14, 22	2	8 - 80 CRI	30 - 3000 K	UNV - 120-277V	<b>Lenses</b> Blank - Frosted Acrylic Lens <b>Controls</b> B11 0-10V Dimming Leads WC10 Encelium Controls WC22 JDRF Controls WC** - Other Options Available <b>Emergency Driver</b> B17 - Emergency Driver <b>Air Handling</b> H20 - Housing with Passive Air Handling H24 - Housing with Active Air Handling <b>Colours</b> Blank - White Low-Gloss, Matte Finish C5 - Black Low-Gloss, Matte Finish C** - Other Options Available <b>Packaging</b> P0 - Bulk Packaging P** - Other Options Available
		2.5	9 - 90 CRI	35 - 3500 K	347 - 347V	
		3		40 - 4000 K	UN3 - 120-347V	
		3.5		50 - 5000 K		
		4		65 - 6500 K		
		4.5				
		5				
		3				
		3.5				
		4				
	24	4.5				
		5				
		5.5				
		6				
		6.5				
		7				
		7.5				
		8				
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	10					

Surface Mount Kits	
M15	BLRT24-Surface Mount Kit
	BLRT22-Surface Mount Kit
	BLRT14-Surface Mount Kit

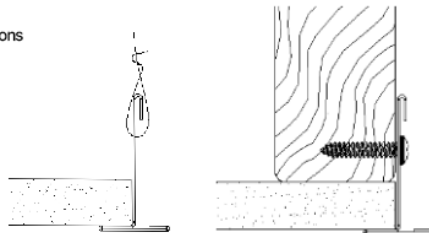
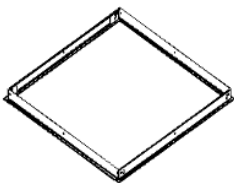
## T-BAR INSTALLATION OPTIONS

### Grid



### Drywall Frame Kit

specify "H40" for drywall ceiling conditions



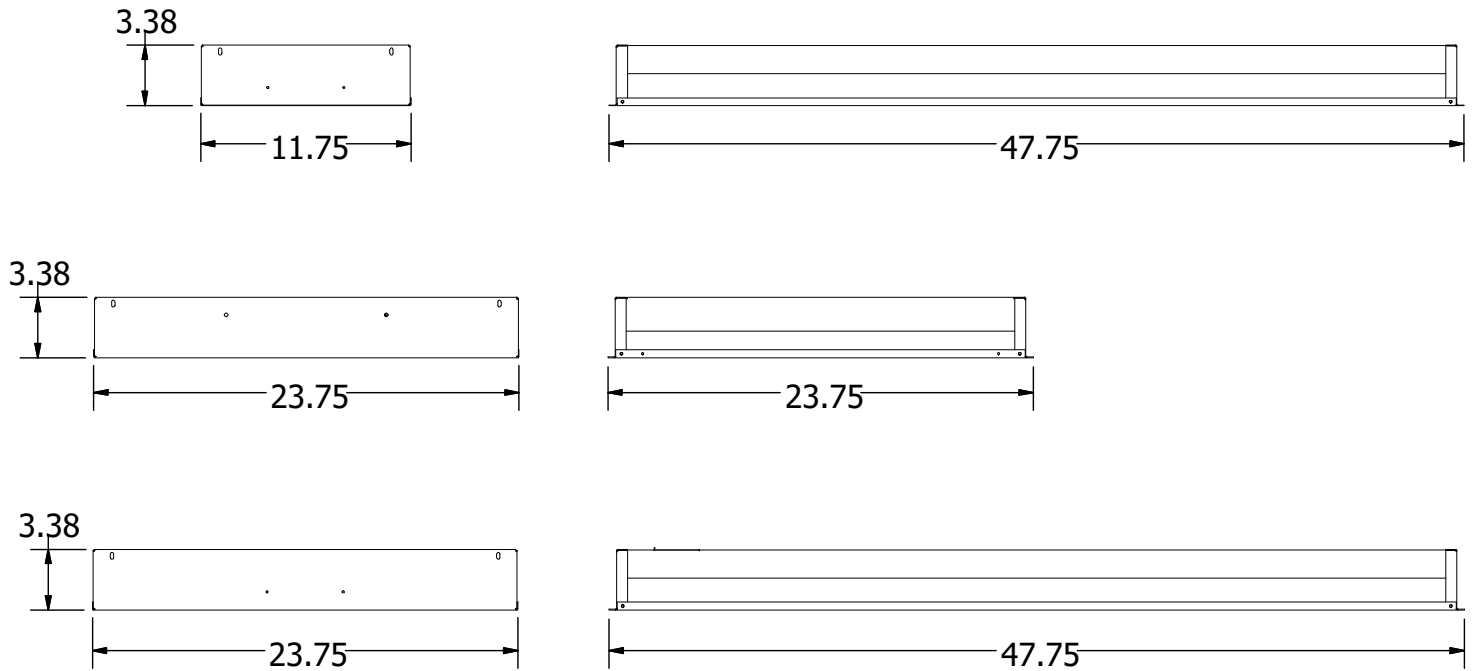
Cut out dimensions:  
2' min: 24.25" max: 24.625"

Use hanger wire or screws to secure drywall frame kit.

T-Bar and Drywall Kits	
TB15	15/16"
TB9	9/16"
H40	Drywall Frame Kit

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

## DIMENSIONS



## SPECIFICATIONS

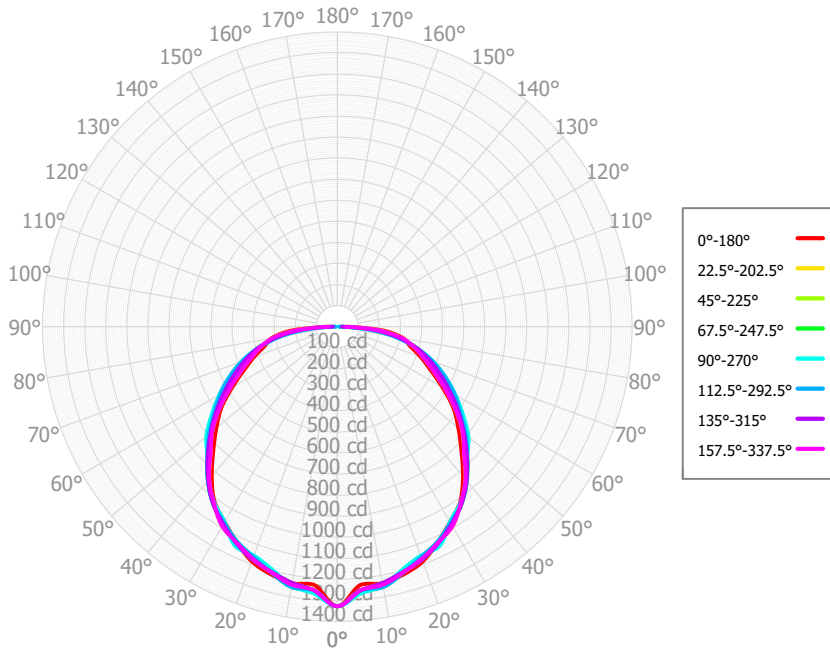
### LIGHT LOSS FACTORS

CCT	Output%
2700K	92.95%
3000K	95.51%
3500K	96.80%
4000K	100%
5000K	101.28%
90CRI	84.72%

Size	Lumen Output	Fixture Wattage	Size	Lumen Output	Fixture Wattage	Size	Lumen Output	Fixture Wattage
14	2	14.8	22	2	14.8	24	3	21.7
	2.5	18.4		2.5	18.4		3.5	25.3
	3	22.1		3	22.1		4	29.0
	3.5	25.8		3.5	25.8		4.5	32.7
	4	29.5		4	29.5		5	36.3
	4.5	33.2		4.5	33.2		6	43.7
5	36.8	5	36.8	7	51.0			
							8	58.4
							9	65.7
							10	73.0

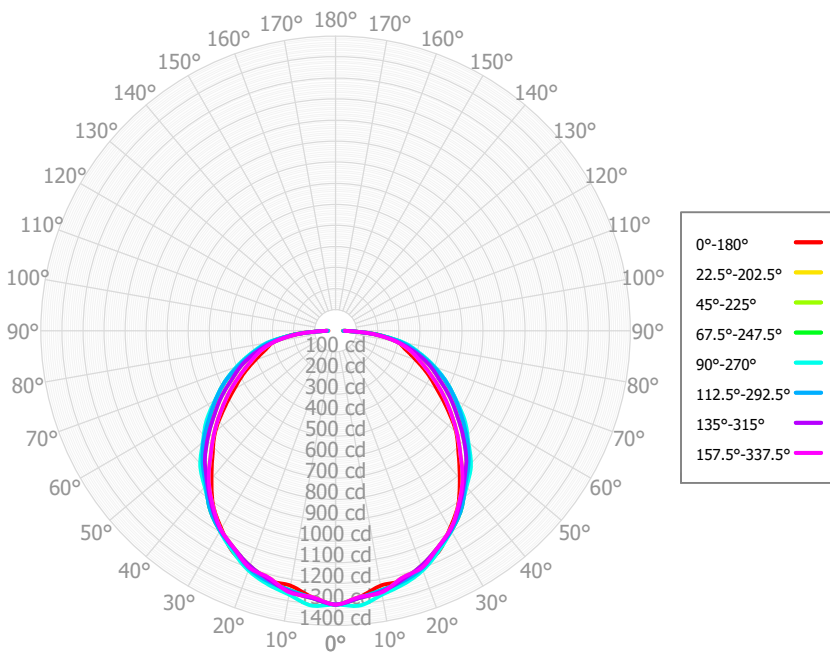
PHOTOMETRICS

### BLRT14-4L-840



Mtg Height	Light Level	Beam Diameter
6.0 ft	36.9 fc	17.4 ft
8.0 ft	20.7 fc	23.2 ft
10.0 ft	13.3 fc	29.1 ft
12.0 ft	9.2 fc	34.9 ft
14.0 ft	6.8 fc	40.7 ft
16.0 ft	5.2 fc	46.5 ft

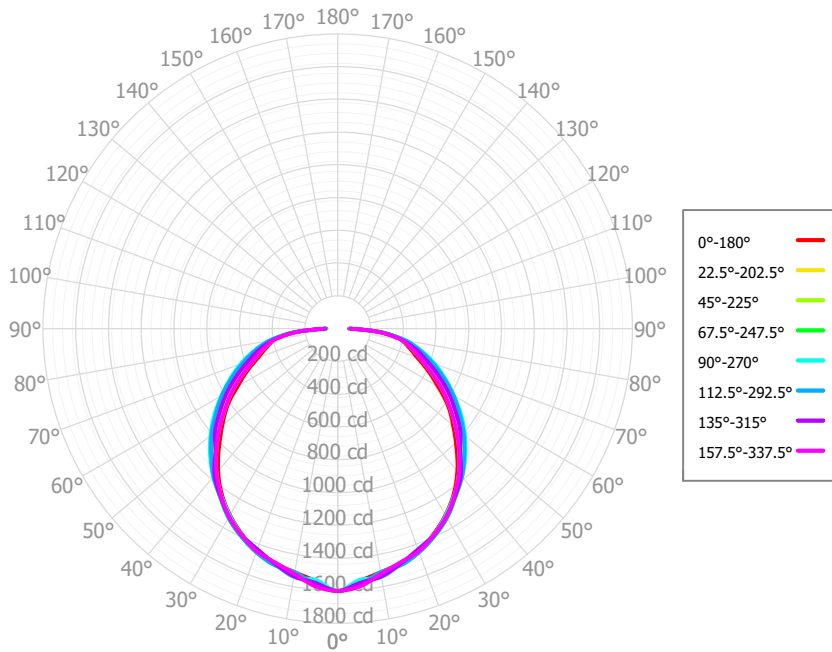
### BLRT22-4L-840



Mtg Height	Light Level	Beam Diameter
6.0 ft	36.1 fc	16.9 ft
8.0 ft	20.3 fc	22.5 ft
10.0 ft	13.0 fc	28.2 ft
12.0 ft	9.0 fc	33.8 ft
14.0 ft	6.6 fc	39.4 ft
16.0 ft	5.1 fc	45.1 ft

PHOTOMETRICS

## BLRT24-5L-840



Mtg Height	Light Level	Beam Diameter
6.0 ft	44.5 fc	17.8 ft
8.0 ft	25.0 fc	23.7 ft
10.0 ft	16.0 fc	29.6 ft
12.0 ft	11.1 fc	35.5 ft
14.0 ft	8.2 fc	41.4 ft
16.0 ft	6.3 fc	47.4 ft

NOTES