

**LITE\_BELT DOME LIGHT SERIES**

The Lite\_Belt LBL-T15-1 Dome Light is a compact hemispherical luminaire designed to mount at any position along the Lite\_Belt woven belt system.

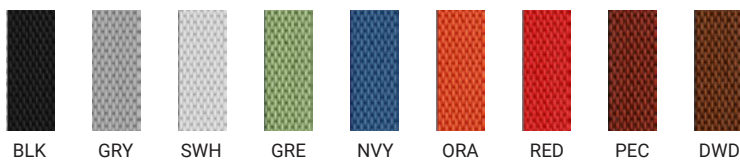
Featuring a softly diffused downlight distribution, the luminaire delivers comfortable, uniform illumination while minimizing glare for ambient and feature lighting applications.

The dome-shaped form integrates cleanly with the woven belt, creating a visually balanced relationship between structure and light within the composition.

LBL-T15-1 supports flexible placement along the belt, allowing designers to introduce warm, spatial illumination across a wide range of architectural and decorative lighting scenarios.

SERIES	DELIVERED LUMENS	WATTAGE
LBL-T15-1	300 LM	12W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%



SERIES	Lite_Belt 'Dome Light' Series
CCT	2700K, 3000K, 3500K, 4000K, 5000K
CRI	>90
COLOR QUALITY	2 Step MacAdam Ellipse
BEAM ANGLE	Very Wide Flood 120°
FINISH	● BK (Black) ○ WH (White)
DIMMING	DIM10 - ( 0-10V Dimming)
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



**FEATURES OF LITE\_BELT FAMILY**

The Lite\_Belt system is a flexible lighting platform designed to support a wide range of sculptural and linear configurations through a woven belt structure. Various luminaire types—including Linear Diffused, Sphere, Globe, and Cylinder elements—are mounted directly onto a 21 mm wide sewn woven belt, allowing fixtures to be positioned freely along the belt without fixed cut units.

The woven belt is supplied in continuous lengths up to 100 ft and can be trimmed on site to accommodate custom layouts and spatial requirements. With no predefined cutting increments, designers have full freedom to shape each installation precisely to the intended form.

Lite\_Belt belts are available in a broad palette of colors to complement diverse interior environments, including black, snow white, gray, orange, brown, terracotta, green, red, and navy blue, among others. This variety enables both subtle integration and bold visual expression within architectural spaces.

The system supports both loose, draped compositions—where luminaires appear casually bound along the belt—and taut, tensioned installations with clean linear alignment. This duality allows Lite\_Belt to function as either an expressive decorative feature or a refined architectural lighting element.

A comprehensive range of accessories, including canopies, power connectors, and mounting clips, supports recessed, surface-mounted, and suspended applications, providing clean and flexible terminations for a wide variety of installation scenarios.

**SYSTEM POWER & PERFORMANCE**

Each Lite\_Belt system is recommended to operate at a maximum total load of 150 W per belt run. To minimize voltage drop and maintain consistent performance, the following guidelines are recommended:

- Up to 10 m: ≤ 100 W
- Up to 20 m: 150–200 W
- Up to 30 m: up to 300 W

Voltage drop may occur at belt lengths exceeding 30 m. Proper power planning is recommended for extended runs.

**LED MODULE PERFORMANCE**

Lite\_Belt is suitable for decorative, ambient, and feature lighting across hospitality, retail, gallery, workplace, and residential environments. Its modular nature and visual flexibility make it ideal for projects requiring customized forms, adaptable layouts, and expressive lighting compositions.

**APPLICATIONS**

The Lite\_Belt System’s luminaires are equipped with 2-step McAdam Eclipse LEDs, which provide consistent color across all fixtures, and 90+CRI. The LEDs are available in a variety of kelvin temperature options.

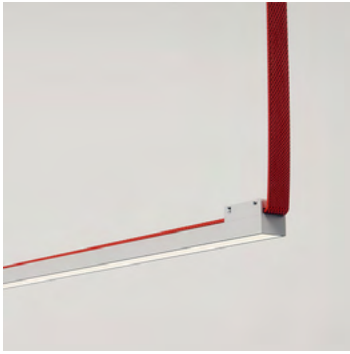
**WARRANTY**

Five-year warranty for parts and components.

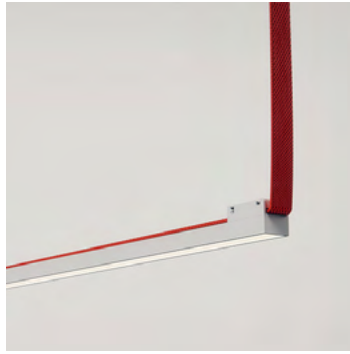
**EXAMPLE:**

SERIES	DISTRIBUTION	CCT	CRI	FINISH	OPTION
<input type="checkbox"/> LBL-T15-1	<input type="checkbox"/> VWFL=120°	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input type="checkbox"/> 90	<input type="checkbox"/> BK <input type="checkbox"/> WH	<input type="checkbox"/> 48V

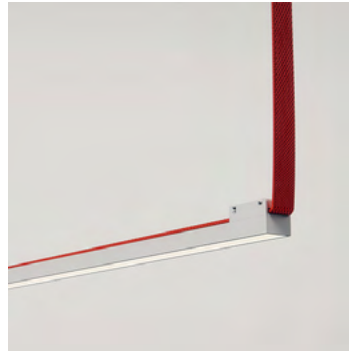
**LITE\_BELT LUMINAIRE OPTIONS:**



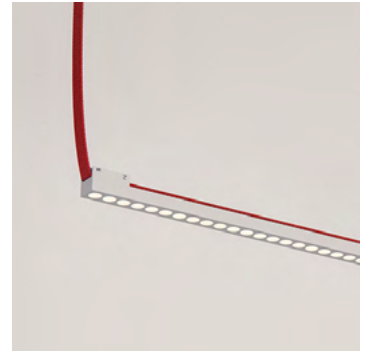
LBL-L1R-24  
*Linear Diffused*



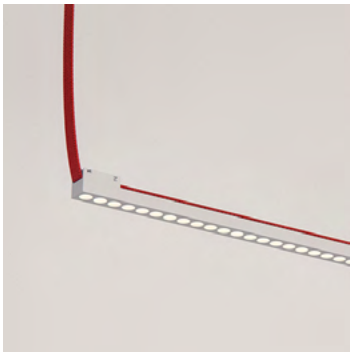
LBL-L1R-32  
*Linear Diffused*



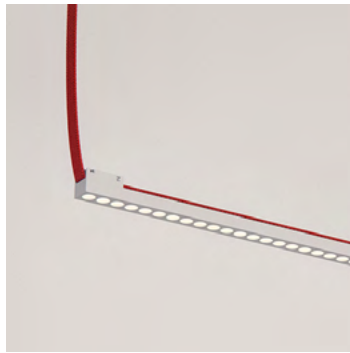
LBL-L1R-40  
*Linear Diffused*



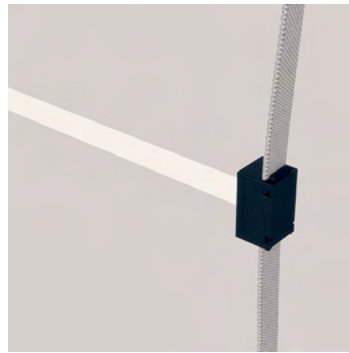
LBL-L4R-24  
*Linear Downlight & Task*



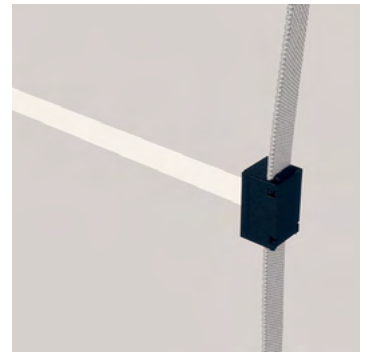
LBL-L4R-32  
*Linear Downlight & Task*



LBL-L4R-40  
*Linear Downlight & Task*



LBL-LS-12  
*In-Between Linear Diffused*



LBL-LS-20  
*In-Between Linear Diffused*



LBL-LS-28  
*In-Between Linear Diffused*



LBL-T12-1  
*Cylinder Downlight*



LBL-T2-1  
*Spot Rondo*



LBL-T15-1  
*Dome Light*



LBL-P2-1  
*Pendant Chandelier*



LBL-T1R-1  
*Cylinder Diffused*



LBL-T3R-1  
*Cylinder Regressed*