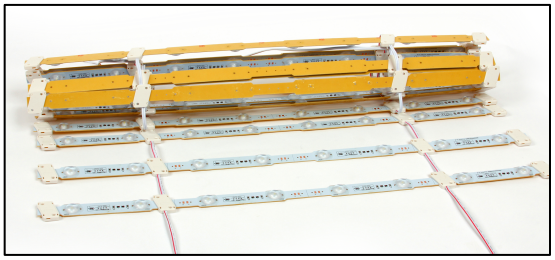
LIGHTBOARD TECHNOLOGIES

Back Lighting – 24V DC

LBT P/N: 503-0001

Optix170™ LED Strips



Brightness	Ease of use	Cost
★★★☆	★★★☆	★★★☆

Availability	Color Temp	Voltage
Stock	6500K	24V DC

Power	Length	Circuit
4.5W ea.	23.625”	5.9” Length

What it is used for

Back-lighting displays with a minimum depth of 2.25”

How to use it

Optix170s are configured in rolls for back of displays. Standard rolls can illuminate 2’ x 4’ area. Each Optix170 can be cut into quarters. During install, unroll the strips, position, attach via mechanical means (such as screws) or double-back tape, and connect power (24V). Best if placed on a white, reflective surface.

Specifications per application

Pitch – spacing between strips	3” Standard	Customizable based on depth of light box
Distance – LED to Face/Graphic	2.25” Standard	Decreased distance equates to decreased pitch – more strips needed
Standard Color	6500 K	Additional CCT can be produced depending on LED availability
Standard Lengths/Power	23.625”	4.5 watts per strip (can be cut into 5.9” sections)

Pros & Cons

Pros	*Cons*
• Uniform illumination • Easy installation • Light boxes as thin as 2.25” • Custom sizes and configurations available • No heat sink needed • 3-year limited warranty	• High power consumption • Only available in 24V DC • Field repair is labor intense