



ILLUMINA<sup>®</sup>  
**BS100 LED**

the pinnacle of green lighting.





## ■ ■ ■ features + benefits

<ul style="list-style-type: none"> <li>High performance LED boards</li> </ul>	<ul style="list-style-type: none"> <li>Provides increased lumen output while decreasing overall wattage consumption</li> <li>3500K, 4100K or 5700K color temperatures standard, custom colors available (contact factory)</li> <li>50W and 80W versions available as standard</li> </ul>
<ul style="list-style-type: none"> <li>UV stabilized polycarbonate diffuser</li> </ul>	<ul style="list-style-type: none"> <li>microcrystallized diffuser: Eliminates glare and provides a clean light distribution, without any striations</li> </ul>
<ul style="list-style-type: none"> <li>IP66 rated</li> </ul>	<ul style="list-style-type: none"> <li>For installation in wet location and dust filled environments</li> <li>Suitable for washdown areas with high psi</li> </ul>
<ul style="list-style-type: none"> <li>Light weight design</li> </ul>	<ul style="list-style-type: none"> <li>Just 10lbs, tool-less easy to install by one person</li> </ul>
<ul style="list-style-type: none"> <li>8 different mounting systems</li> </ul>	<ul style="list-style-type: none"> <li>Surface mount standard, aviation cable (AC), single &amp; double pendants (SPK, DPK), chain hang (CH), trunion mount (TM), junction mount (JM) and magnetic mount (MM)</li> </ul>
<ul style="list-style-type: none"> <li>Expected LED life</li> </ul>	<ul style="list-style-type: none"> <li>L70 rated up to 100,000 hours for 50W</li> <li>L70 rated up to 75,000 hours for 80W</li> </ul>
<ul style="list-style-type: none"> <li>A RetroFit KIT</li> </ul>	<ul style="list-style-type: none"> <li>A quick upgrade system for your existing fluorescent BS100 units</li> <li>Designed to easily snap into the existing BS100 housing. Engineered to reduce labor and save money.</li> <li>Includes the polycarbonate diffuser, the steel reflector, LED module and power supply</li> </ul>
<ul style="list-style-type: none"> <li>Sanitation listed</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for installation in food preparation areas</li> <li>Conforms to ANSI/NSF Std No.2</li> </ul>
<ul style="list-style-type: none"> <li>Dimming</li> </ul>	<ul style="list-style-type: none"> <li>0-10V dimming standard</li> </ul>
<ul style="list-style-type: none"> <li>Quicker return on your investment</li> </ul>	<ul style="list-style-type: none"> <li>reduce labor and energy costs</li> <li>Shorten your ROI!</li> </ul>

# Quality for Life

# ■ ■ ■ Application

- industrial
- parking garages
- warehouses
- breezeways
- canopies



- tunnels
- schools
- retail
- gymnasiums
- food processing

Linear Fluorescent unit compared to the BS100LED's performance:

LINEAR FLUORESCENT	BS100 LED
2 x 32 T8	50W
2 x 54 T5HO	80W

## ENERGY COMPARISON CHARTS

LAMP	EFFICACY	INPUT WATTAGE	LUMEN OUTPUT	CRI	mAmps (per board)	AMBIENT TEMP	L70
BS100LED-50W-WT30	88 lm/W	46.8	4100	80+	525	50°C	100,000
BS100LED-50W-WT41	96 lm/W	47.8	4600	80+	525	50°C	100,000
BS100LED-80W-WT30	84 lm/W	70.0	5900	80+	750	50°C	75,000
BS100LED-80W-WT41	92 lm/W	69.0	6400	85+	750	50°C	75,000

Each fixture utilizes 2 (two) high-efficiency LED boards.

**HOUSING:** Unique three piece design that allows effortless assembly without any tools

**DIFFUSER:** The UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that assist in the enhancement of even light distribution

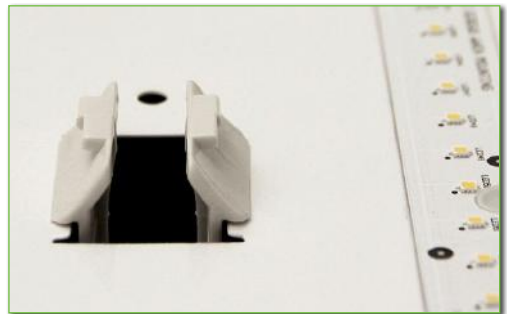
## ■■■ up close



The **ILLUMINA®** BS100LED features a liquid silicon perimeter gasket with memory retention, this provides a perfect seal every time.



Stainless steel hardware which allows for standard surface or suspension mounting configurations.



Sturdy pressure clips (2) securely hold the reflector system in place.





The **ILLUMINA®** BS100LED features eight (8) closure clips that securely and evenly seal the luminaire

■ The **ILLUMINA®** BS100LED is corrosion, flame and vandal resistant



■ The **ILLUMINA®** BS100LED is ideal for parking structures, warehouses, breezeways, canopies and schools



Eight (8) polycarbonate clips recess into the housing for a smooth and proper seal. Stainless steel clips available.



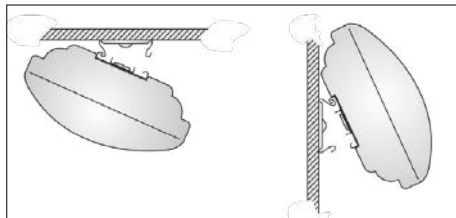
Samsung LED boards, featuring 216 LEDs, are secured within a spotted slot system. The reflector system holds all electrical components.



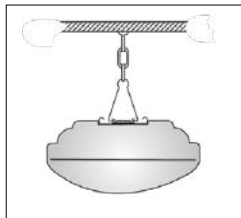
High efficiency optical diffuser includes micro-crystallization, which dramatically improves the overall light distribution and minimizes glare and striations.

# ■■■ installation + mounting

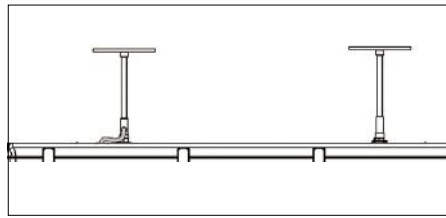
## ■ SURFACE MOUNT (STANDARD)



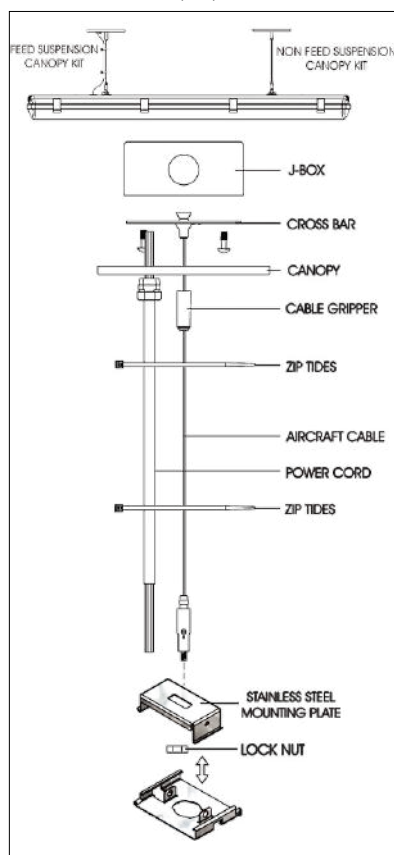
## ■ CHAIN HANG (CH)



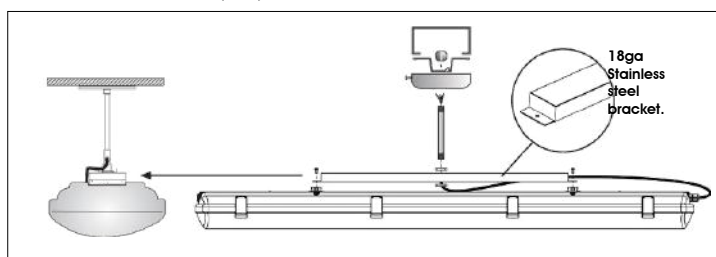
## ■ DOUBLE PENDANT KIT (DPK)



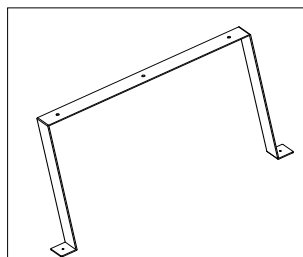
## ■ AVIATION CABLE (AC)



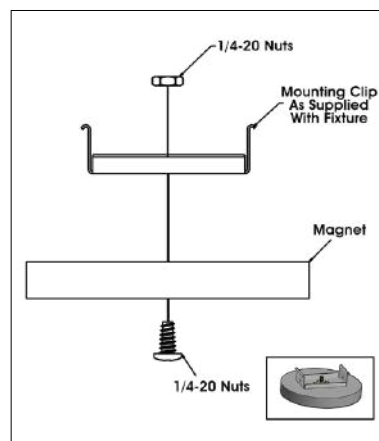
## ■ SINGLE PENDANT KIT (SPK)



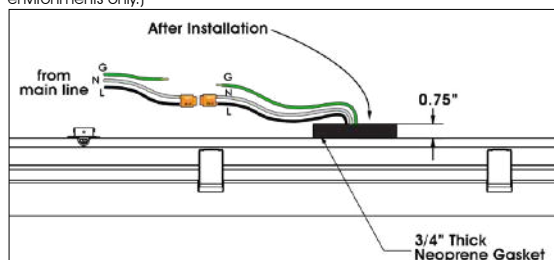
## ■ TRUNION MOUNT (TM)



## ■ MAGNETIC MOUNT (MM)



- **DIRECT JUNCTION MOUNT (JM)** Allows direct connection to j-box. (JM configuration no longer complies with IP66 wet location rating. Fixture will be suitable for damp environments only.)





**LM70 Rated up to 100,000 hrs**

**UV stabilized polycarbonate**

**IP66 Rated**

**8 different mounting systems**

**Sanitation listed (optional)**

**Energy saving**

**High performance LED**

**Polycarbonate diffuser**

**Light weight design**

**RetroFit KIT offered**

# Quality for Life



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launch page here

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