

**QUICK CONNECT LED SHELF LIGHT PERFORMANCE SPECIFICATION**

**HIGH OUTPUT (HO) & STANDARD OUTPUT (SO)**

- 1) Lumen output  
450lm (HO) / 280lm (SO) lumens per linear foot
- 2) Color temperatures  
3000K – Warm  
4000K – Neutral  
5500K – Cool
- 3) Binning of LEDs  
All color temperatures a binned to 3 step Macadam ellipses. This guarantees that there is no noticeable color difference from LED to LED (fixture to fixture)
- 4) Color Rendering Index (CRI)  
Typical CRI = 85+ (The color rendering index (CRI), sometimes called color rendition index, is a quantitative measure of the ability of a light source to reproduce the colors of various objects faithfully in comparison with an ideal or natural light source)
- 5) Power (wattage per linear foot)  
Standard power = 3W (HO) / 1.85W (SO) per foot
- 6) Efficiency of the fixture (Lumens per watt)  
HO= 150 lumens/watt  
SO = 150 lumens/watt
- 7) Beam angle of LEDs  
110 degree beam spread – wide beam to cover large area with light
- 8) LED Life (70% lumen maintenance)  
120,000 hours (LM-80 testing & TM-21 calculations available upon request)
- 9) Voltage  
24VDC operation
- 10) Approvals  
UL and ULc listed (full system approval) – approved for installation anywhere in North America  
Energy Star Certified  
DLC Certified  
CE – approved for install in Europe/Asia (where CE is accepted standard)
- 11) Ease of installation and removal  
The system is designed for quick install and removal. No tools required, no licensed technicians/electricians required (in most installations)
- 12) Warranty  
5 year warranty – all system parts covered
- 13) Where the product is manufactured  
Designed & manufactured in North America
- 14) Service & support of warranty and technical issues  
All replacement parts and warranty concerns are handled in North America

