



A LOOK AT LED FLAT PANELS

DID YOU KNOW?

Typical imported knock-off LED fixtures can be enticing. But **DID YOU KNOW** that they may end up costing much more than you bargained for?

IMPORTS



YELLOW PANELS

Panels fabricated from inferior materials can become yellowed, resulting in inconsistent and unsatisfactory luminance.



INFERIOR MANUFACTURING PROCESSES

Many panel manufacturers do not assemble fixtures in a cleanroom environment. Uncontrolled manufacturing processes often result in inconsistent illumination across the panel, hot spots, and visual defects.



POOR LUMEN MAINTENANCE

Output from no-name LEDs typically degrades over the fixture life, resulting in progressively decreased light output in the space.



COLOR SHIFT

The human eye can visually detect color variation of 5 or more macadam ellipses in LED binning. Many import flat panels allow a 7-step macadam ellipse variation, resulting in visually apparent color inconsistency within individual flat panels and from panel to panel.



INFERIOR QUALITY

Many import panel manufacturers do not employ end-of-line testing to detect contamination that can cause poor visual appearance, such as dark spots and hot spots.



UNPROVEN WARRANTY & SUPPORT

Will this company be around to honor warranty and take care of issues on the job site?

DID YOU KNOW?



LITHONIA LIGHTING



NON-YELLOWING PANELS

Lithonia Lighting® uses only high-quality materials to manufacture panels. Superior testing and material selection ensure that panels stand the test of time with no signs of yellowing.



SUPERIOR MANUFACTURING PROCESSES

Lithonia Lighting® flat panels are assembled in a controlled cleanroom environment to eliminate contamination. State-of-the-art manufacturing processes guarantee even compression across the entire panel and precise alignment of the LEDs, delivering exceptionally uniform light.



COLOR CONSISTENCY

Lithonia Lighting® maintains a binning spec of 3 macadam ellipses in every flat panel. This guarantees consistent color across the individual panel and from luminaire-to-luminaire.



DOCUMENTED LUMEN MAINTENANCE

Lithonia Lighting® flat panels feature name-brand LEDs with superior lumen maintenance, retaining similar light output throughout the life of the panel.



SUPERIOR QUALITY

Lithonia Lighting® standard processes include bill-of-material validation and equipment for end-of-line visual scanning to detect imperfections not visible to the human eye. This extra effort demonstrates commitment to customer satisfaction.



TRUSTED & ESTABLISHED PARTNER

Lithonia Lighting® is one of the most trusted & established brands in the lighting industry. Should you ever need post-sale assistance, Lithonia will still be here.

Check out dependable products like the [CPX](#), [CPANL](#), and [EPANL](#) from Lithonia Lighting®.