



Pick to Light Systems

Streamline your warehouse operations with a simple, but robust, system

What is a Pick to Light System?

Pick to Light (P2L) is a light-directed system used for order fulfillment. The system uses light technology to direct workers on how to complete a task such as picking, putting, sorting, or assembling items. The light signifies the correct parts, quantities, and sequential steps needed to fulfill an order and alerts the operator if an error occurs. This improves order accuracy, lowers labor costs, increases operator efficiency, and maintains inventory accuracy.

Benefits of Pick to Light



Increased efficiency

Pick to light systems can minimize operator movements and can follow an order through multiple work zones, helping reduce overall idle time.



Easy training

New employees do not need extensive training on part numbers and types. They just need to be trained on how the system works and they are good to go!



System integration

Pick to light systems can be a standalone system or can be integrated with an existing warehouse management system (WMS), enterprise resource planning (ERP), supply chain management, or other warehouse systems.



Go paperless

There is no need for operator lists or bills of materials that need to be printed out and leafed through.



Improved order accuracy

This simple and streamlined system with error lights means fewer picking errors and more accurate orders.



Lower labor costs

Pick to light systems can improve operator efficiency, accuracy, and productivity resulting in overall reduced labor costs.



Maintain your inventory

Pick to light systems can send an alert when an item is running low, allowing for greater inventory visibility and control.



Increased productivity

Pick to light systems are one of the fastest operator-based fulfillment strategies as they allow for the efficient collection of parts without a list.



The FZ Difference

Powerful

Our team can provide bi-directional, real time data sharing between your P2L and ERP systems. This provides better inventory management, a reduction of raw materials, and an error-proofed system—translating into saved costs for you.

Adaptable

We build flexible systems that can be easily changed after implementation. While a traditional pick to light system is generally hard-lined and is not easily adaptable, our systems can be easily changed to accommodate for improvements. Our customers can quickly change out part bins or locations to further increase efficiency after the system is developed.

Flexible

We don't have a cap on the number of kits that we can coordinate and run within our systems so you're not limited to a specific amount. We can use whichever kit, output devices, and lights that work best within your facility.

Applications/Solutions

- High velocity carton flow for each picking
- Carousel light towers
- Sort bars for batch picking from carousels
- Full case picking from pallet flow
- Component picking for kit assembly
- Error proofing
- Parts picking, kitting, and sequencing
- Pack kitting
- Assembly
- Order picking and fulfillment
- Integration with HID RFID badge reader
- Bi-directional, real time data sharing between pick to light and ERP system (provides employee identification, inventory control, restock management control, visual picks, and schedules.)
- Bin monitoring and restock
- Data reporting and logging

Experience



DAIMLER

