## THINKING AHEAD FOR DOMESTIC SSL MANUFACTURING

## For LED \& OLED Luminaires

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DOE SSL R\&D Workshop
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- Who We Are
- Why There
- Why Here
- How Here Summary


## Who We Are

## Acuity who?

## Who We Are NET SALES <br> (\$Billions, FY) <br> 

- 98\% North America
- ~50\% New Construction / 50\% Renovation
- ~ 85\% Non-Residential / 15\% Residential


## OPERATIONS

- 20 Manufacturing Facilities
- 12,000 Associates

SAcuityControls.
Aculux AEL AE:

ONTIQUE

CARANDIII

DISTECH
CONTROLS
(g) gotham
healthcare /LIGHTING

HOLOPHANE:
ㄴ․
indy juno

MARK
ARCHITECTURAL
LIGHTING

## Light

Peerless ;

కఆగృఠrswitch
(SUNOPTICS
WINONA

## Why there?

## Why There

## It works if

- Limited SKUs
- Material vs Labor Costs
- Shipping Costs
> Water vs Air
> Sizes getting smaller

But there are risks

- Success
- Long lead-time (Design + Manufacturing + Shipping)
- Market shift (Cost and/or Performance)


## Why here?

## Why Here

Needed if you have


## Why Here

## Needed if you have

- Massive SKU count


## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales i


## Why Here

## Needed if you have

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## Why Here

Needed if you have

- Massive SKU count
- To reduce shipping costs
> Size
> Weight
- Shorter Lead-times



## Why Here

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- Complex designs



## Why Here

Needed if you have

- Massive SKU count
- To reduce shipping costs

> Size
> Weight
- Shorter Lead-times
- Complex designs
- Innovation


How here?

## How here

## Possible if you have

- Reduced Labor Costs



## How Here

LEAN Manufacturing is Key to reducing Labor Costs

- Visual Management
- Process Mapping
- 5S (Simplify, Straighten, Scrub, Stabilize, Sustain)
- Six Sigma
- Kaizen
- Identify and eliminate wastes


## How Here



## Competition Feeds on our Waste

Our Goal
The relentless pursuit and elimination of WASTE

## How Here



## How Here



## How Here



Metal Fabrication

## How Here



## How Here



## How Here



Investment

## Summary

## Summary

-For the future we expect
>More North American Vertical Integration
>More Controls
>More Complexity
>More Investment
>More Innovation

## Thank You

