# 2018 INVESTOR VISIT 30 October 2018

# Dialight



# AGENDA

#### **Morning session**

- Introduction Marty Rapp
- Operations Luis Ramirez

#### Site tour

Product development & Technology – Marty Rapp

### Lighting controls demo

#### Lunch

#### **Afternoon session**

• Sales – Tim Cillessen

#### Dinner



## **SUMMARY**



• The Industrial market remains attractive and growing

#### Manufacturing

- Manufacturing partner issues impacted the business over last two years
- Focus now on bringing all assembly back in house
- Transfer to own facilities on track with good on time delivery
- Ensenada/Tijuana and Penang our future manufacturing bases

#### **Future plans**

- As previously disclosed, aggressive approach from recovery to growth
- Three new products to be launched in 2019

## **REGIONAL EMPHASIS** – TO SUPPORT LOCAL EXPANSION



#### **OPERATIONS**

- Regional assembly facilities
- Global purchasing with local delivery
- Fulfilment from regional hubs
- Regional customer service

### **SALES**

- Outstanding customer experience
- Global coordination for global customers
- Continued regional teams

#### ENGINEERING

- Global technology leadership deployed regionally
- Dialight design rules

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Increase speed to market

### **PRODUCT MANAGEMENT**

- Globally coordinated
- Regionally focused
- Regionally specified products

# OPERATIONS LUIS RAMIREZ



# **HYBRID MANUFACTURING MODEL**





Regional suppliers to support subassemblies requirements:

- suppliers expertise in specific process/products
- Competitive prices
- Risk Managed supply chain

# **OVERVIEW OF OUR MANUFACTURING CAPABILITIES**



	Ensenada	Tijuana	Penang	Roxboro
Size	162,000 sq. ft	100,000 sq. ft	45,000 sq. ft	79,000 sq. ft
Capability	PCBA, CNC, Cable Harness, Assembly	Distribution, Future CNC and paint	Moulding and assembly	Moulding, metallisation and hard coating
Employees	845	400*	162	102
Products produced	All Lighting products, Obstruction and Signals and Components	All Lighting products	All Lighting products and Signals and Components	Lenses and plastic components
Rationale	Established Dialight facility with experience of all product lines	New site closer to the US San Diego Border. Long history of electronics manufacturing, easy access to ports and airports	5 decades of being a manufacturing hub in Asia. Increasingly becoming an alternative to China to avoid US tariffs	Strong manufacturing accounting for 20% of the state gross product

\* Future headcount post transfer from Manufacturing partner

## **UPGRADES AT OUR ENSENADA FACILITY**



#### PEOPLE

- Upgraded operations leadership
- Labour force skilled in complex

assembly process

• Enhanced sustaining engineering on site

### **PROCESSES**

- Improved shop floor controls upgraded manufacturing practices
- Improved Sales and Operations Planning process
- Improved visibility and response to Key

**Performance Indicators** 

## **TIJUANA PLANT**







- Proximity to the US border
- Proximity to Suppliers
- Proximity to Ensenada
- Proximity to component imports from Asia
- Proximity to major Airports









- Servicing APAC and EMEA markets
- Proximity to regional supplier base
- Key manufacturing hub in Asia
- In place since 2012
- New building to expand with additional

capabilities for CNC, paint and PCBA







- Dialight's high SKU, low volume business requires a flexible system for materials management
- Sales and Operations Planning process is challenging due to forecast accuracy and short order time
- Dialight has an experienced team for sourcing components
- Component market is still experiencing shortages and time delays

# PRODUCT MANAGEMENT & TECHNOLOGY



# Dialight

#### **CUSTOM POWER SUPPLIES**

Long-life drivers with optimised thermal dissipation for protection against environmental contaminants and vibration related failures

#### **INTEGRATED DESIGN**

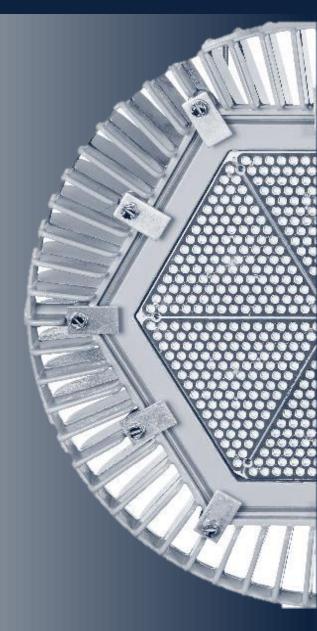
Built for longevity in harsh environments: Simple installation, advanced protective coatings, and no replacement parts - virtually eliminating maintenance for up to 10 years

#### LATEST LEDS AND ADVANCED OPTICS

Highly efficient, crisp, uniform, low-glare illumination. Lighting where you need it

#### **INTELLIGENT CONTROLS**

Flexibility to group, dim and schedule lights around the unique needs of a facility to maximize energy savings. Plus, seamless integration with existing factory automation



### **PRODUCT MANAGEMENT**

Dialight



#### Estimated Market Size / Dialight Share

Database of Current and Adjacent Markets, Existing Share & Growth Opportunities

Leverage existing sales channel

Existing channel partners to support

# Target current customer base

Focus on lighter duty applications in current customer facilities New products designed for large niches

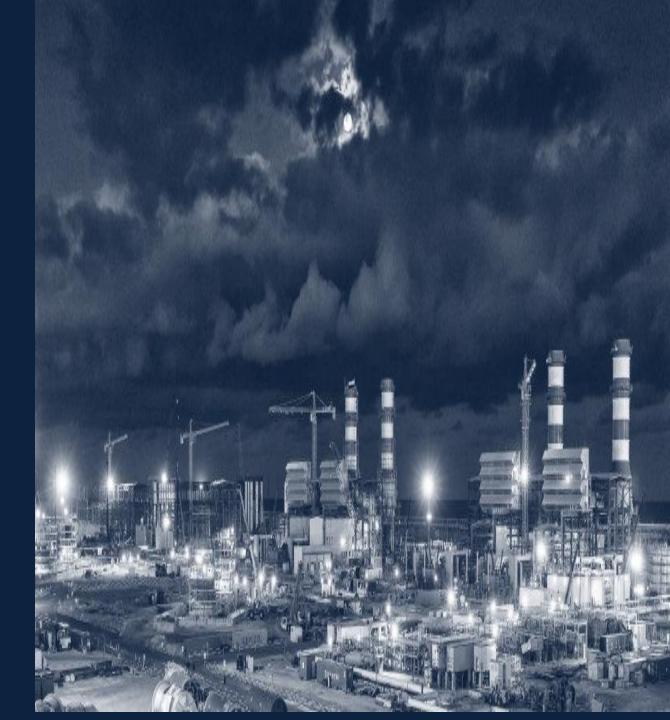
Reduce need to discount price of established high performance products

### **OPPORTUNITY** – EXTEND PRODUCT RANGE TO OUR EXISTING CUSTOMERS



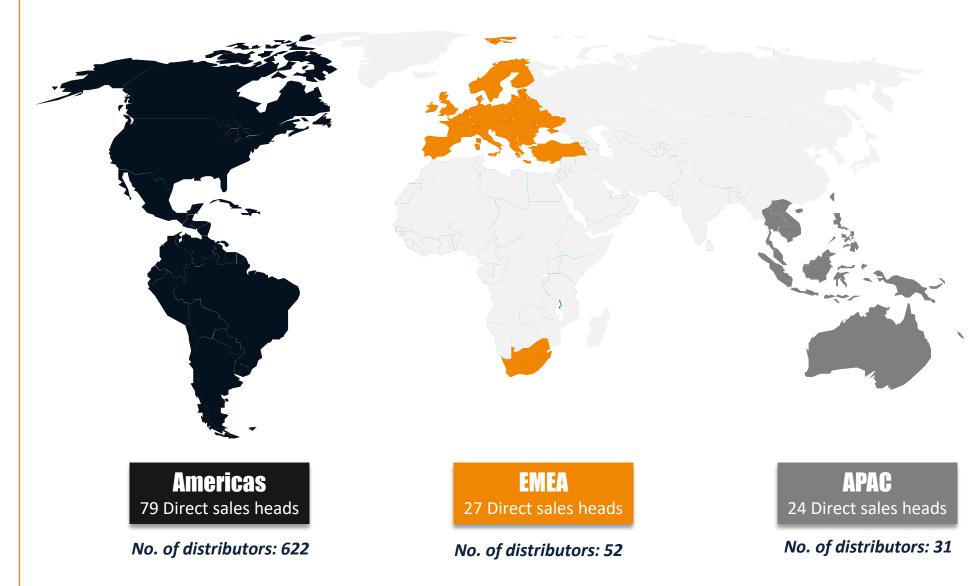


# SALES TIM CILLESSEN



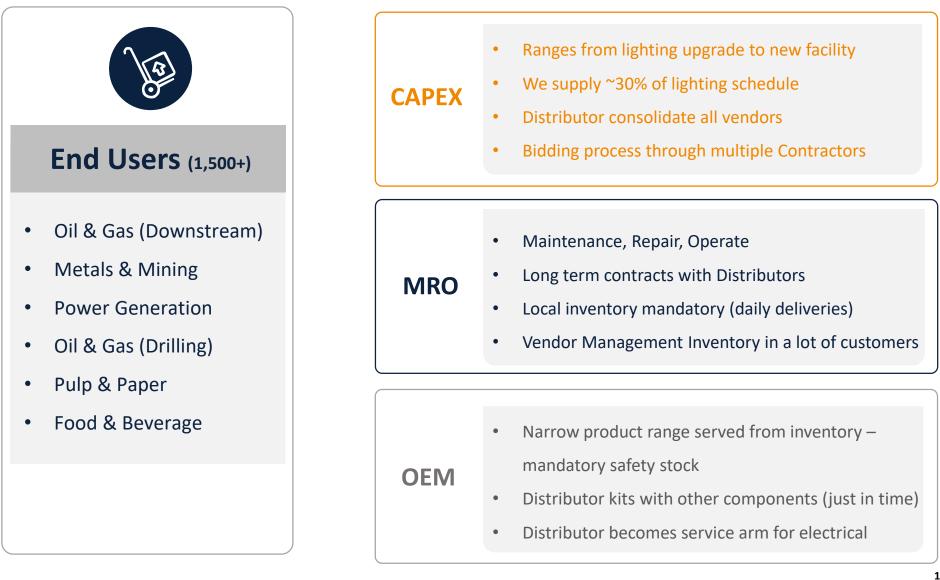
## **SALES STRUCTURE**





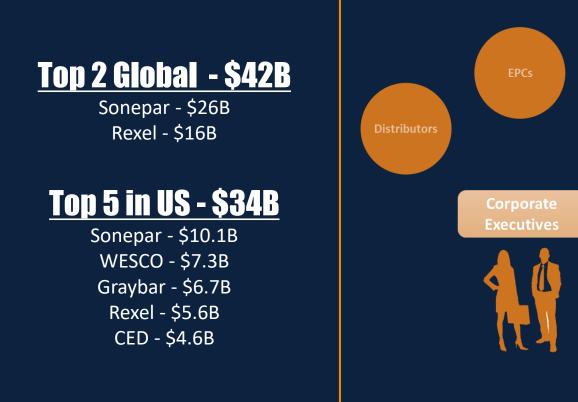
# **GROWTH AND SUCCESS**





# **DISTRIBUTION CHANNEL**







## **AMERICAS**



- The Americas showed significant growth over last 10 years
- The current operational challenges have impacted:
  - Our ability to keep inventory levels through our Channel partners
  - Extended lead times affected capex spend
- Our multiple value propositions still dominate our core markets
- Our product portfolio still best in class for our markets
- Highly skilled and focused salesforce
- Our product reliability is world class in our markets









- Dialight Australia has shown significant YoY growth for the last 7 years
- Dialight Australia have secured every large Greenfields and brownfields mining project for 2017
- New sales team established in Asia
- New channel partners signed increasing geographical coverage









- EMEA has refocused sales efforts since 2016
- Distribution channel expansion is key to driving growth
- New territories such as South Africa (mining and Oil & Gas) and Iceland (largest Aluminium plants in Europe) are now being explored



## **SUMMARY**



- Industrial LED market opportunity largely untapped
- High Bay transfer back to our own facilities is largely completed
- Significant reduction in level of late orders
- Assembly of lighting products commenced in Penang to serve EMEA and APAC
- Active steps to materially de-risk supply chain
- 50% of lighting products produced at our own facilities
- Hybrid manufacturing model
- Developed strategy to address expanded industrial LED market
- Three major product launches in 2019
- Progress on regional hybrid structure



# Questions

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