

# APS INDUSTRIAL MARINE



[APS-SUPPLY.COM](http://APS-SUPPLY.COM)

**OVER 20 YEARS**  
INDUSTRY EXPERIENCE  
OPTIMISED LIGHTING  
AND SAFETY SOLUTIONS

## ABOUT LOCATIONS

### OUR PURPOSE

Creating a safer environment where machines, vehicles and people co-exist.

## ABOUT US

APS is a leading lighting and safety product specialist that provides consulting services, training and local product support through a network of authorized dealers. Our team is fully committed to doing what it takes to understand your project and your required lighting and safety standards. We understand that each customer has different needs, which is why our team does not take a one solution or one product fits all approach.

We sit with your management and on-site teams to listen and ensure we understand your requirements. We create solutions that are not only embraced by the on-site team, but also meet your budget requirements and your standards.

When you use APS your company will have access to a wealth of international experience. APS was founded in 1999 and has more than 20 years' experience in the lighting and safety markets, combined with knowledge gained through its operations in South America, North America, South East Asia and Australia. Our distribution network means you won't be waiting for products. APS provides full in-country support and provides solutions where and when they are needed.



## LOCATIONS

### APS USA (Head Office)

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### APS Australia (Perth)

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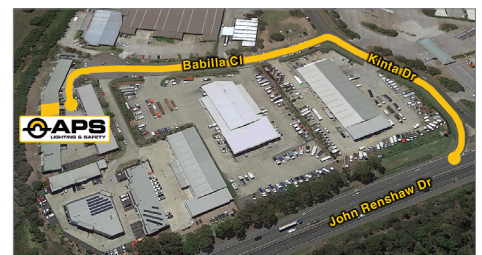
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### APS Australia (Beresfield)

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### APS Colombia

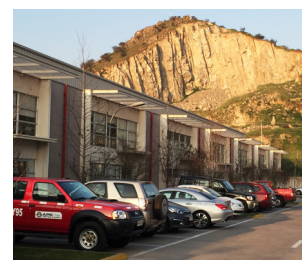
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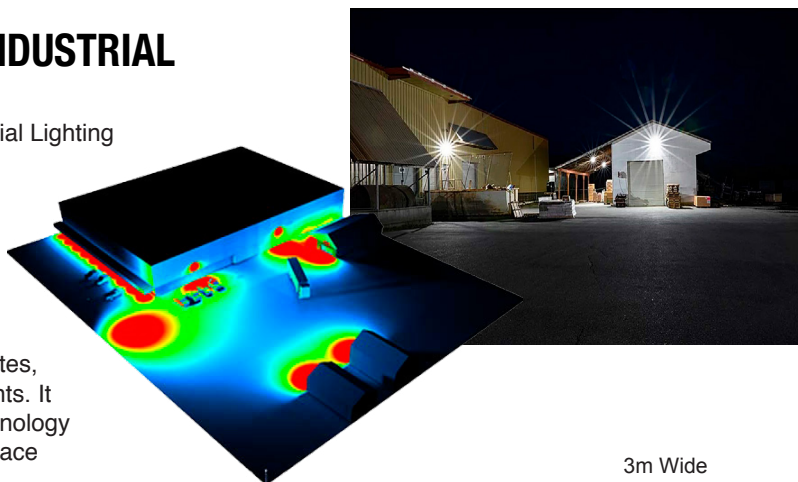
## OPTIMISED LIGHTING SOLUTIONS - INDUSTRIAL

APS is developing a growing catalog of AC Voltage Industrial Lighting Solutions for customers in:

- Light Towers
- Workshops, warehouses and commercial buildings;
- Ports and Maritime;
- Draglines and Shovels;

### Industrial & Structural Lighting:

Over the past 15 years APS has been working with mine sites, ports and industrial projects on their AC lighting requirements. It has only been over the past 5 years that LED Lighting technology has reached the level of lighting output needed to truly replace HPS, MV and Metal Halide lighting sources.

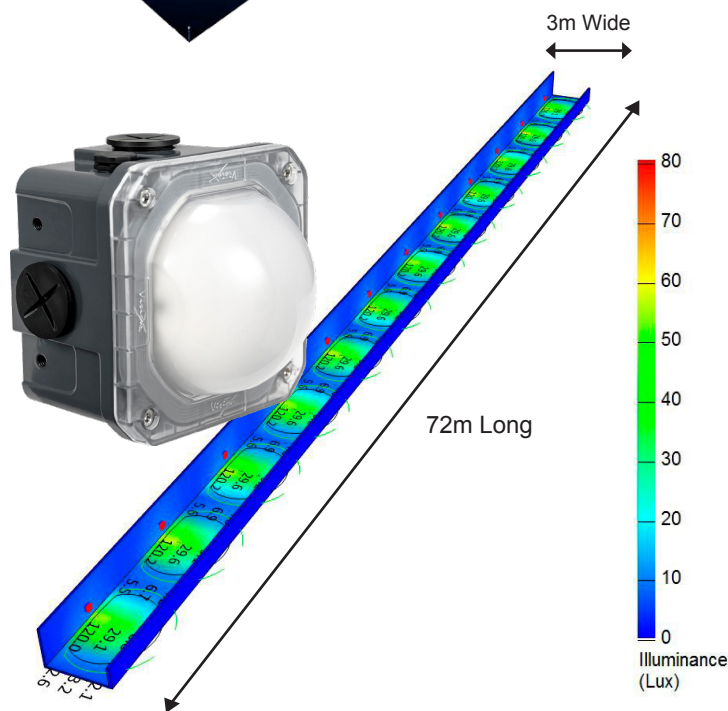


### AC Industrial: Ship Loader Wharf Approach

**SCOPE:** The 72m long x 3m wide approach to the wharf has only 7 of the 12 Sodium fixtures illuminated, current lighting is not providing sufficient light across the approach, light levels taken were an average of 3.85 LUX at 1.2m and 0.4 LUX at 3m from the fixture.

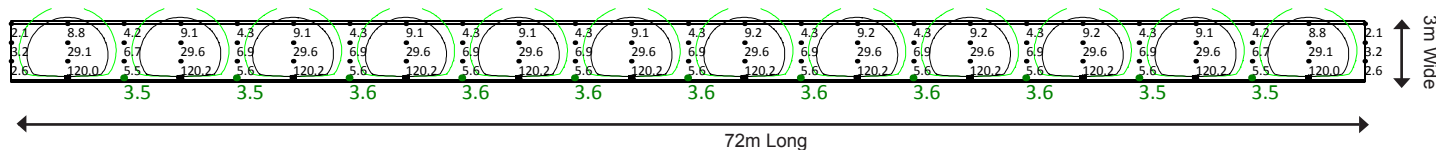
**PROPOSAL:** To provide a more eco-friendly lighting solution with reduced maintenance costs for the Wharf approach, by replacing the 12 existing 80 watt Sodium fixtures with 12 x 10 watt LED Junction box fixtures, to be installed in the current mounting position and height.

**AIM:** To provide sufficient lighting for safe travel across the approach with a minimum lux level of 5 LUX. This was achieved with an average LUX of 6.41 at 3 meters and 60.34 LUX at 1m.



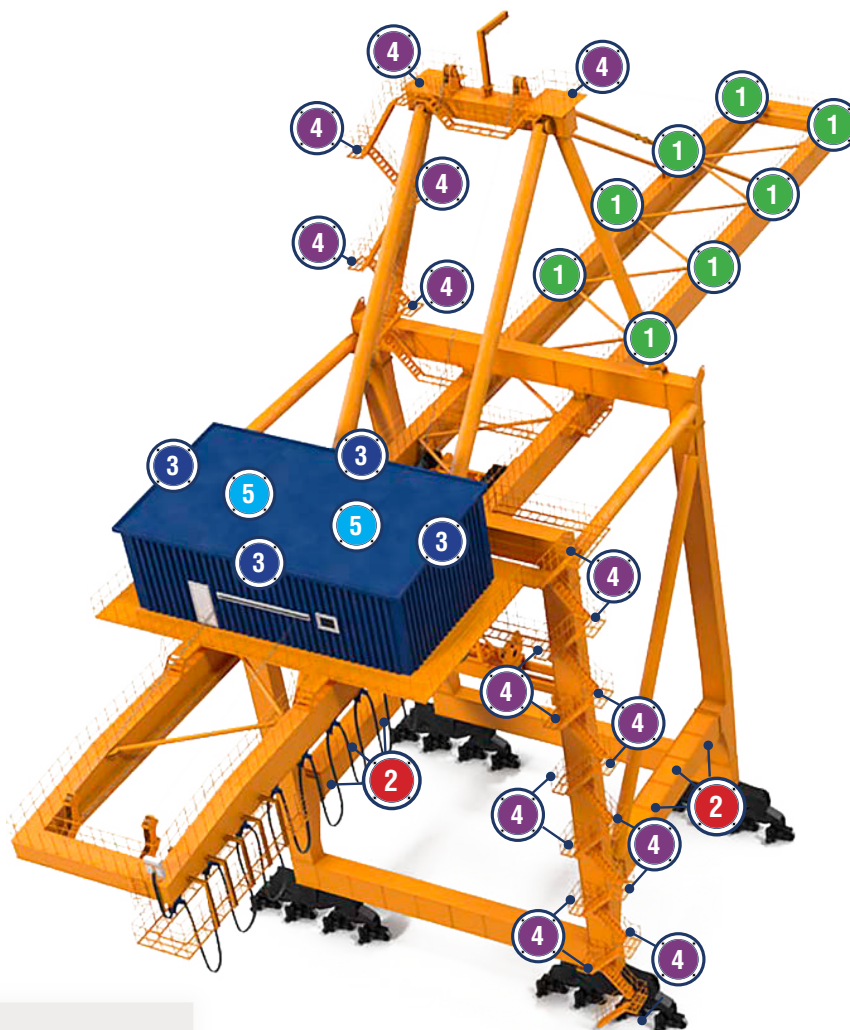
Wall Mount Luminaire						
Symbol	Qty	Manufacturer	Description	Lumens	LLF	Watts
	12	Vision X Lighting	Junction Box Light	1091.4	0.850	10

Lux Calculations Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
Between Luminaires @ Grade	3.56	3.6	3.5	1.02	1.03
Wharf Approach @ Grade	28.07	120.2	2.1	13.37	57.24
1m Average	60.34	120.2	2.6	23.21	46.23
2m Average	17.44	29.6	3.2	5.45	9.25
3m Average	6.41	9.2	2.1	3.05	4.38



Please contact your APS team to talk through these applications and your projects standards and unique challenges. The development of lighting plans and layouts can be undertaken at a relatively low cost, providing your team with the surety that the solution will meet or exceed your lighting standards.

# GANTRY CRANE - FITOUT GUIDE



**1 AC 280W**



Locations : **Boom**  
 Beam Pattern : **10°, 25°**  
 Part # : **LSG0660xxGANHV**

**2 AC 140W**



Locations : **Trolley, Under Girder**  
 Beam Pattern : **40°, 60°**  
 Part # : **LSG0630xxGANHV**

**4 JBOX 10W**



Locations : **Walkway, Stairwells**  
 Beam Pattern : **180°**  
 Part # : **LSGSM40180F**

**3 JBOX 50W**



Locations : **Exterior Machine House**  
 Beam Pattern : **180°**  
 Part # : **LSG0225180STRHDQC**

**5 LINEAR LIGHT**



Locations : **Interior Electrical Room**  
 Beam Pattern : **180°**  
 Part # : **LLG0212180F (1ft)**  
           **LLG0221180F (2ft)**  
           **LLG0242180F (4ft)**

# AC EXTERIOR SOLUTIONS

Pulse Width Modulation | Electronic Thermal Management | Redundant Circuit Design | 5 Year Extended Warranty



## 280-WATT HIGH LED

- 1000-Watt Metal Halide Replacement
- 36000 Lumens, 5000K CCT
- 15.6 Grms Vibration Rating
- 3/4" NPT Quick Connect
- 90-305VAC, HV 180-528VAC
- IP-68, IP69K
- Beam Patterns Available: 10°, 25°, 40°, 60°, 90°, 180°



Application: Boom, Girder, Under Cabin

ITEM#: LSG0660xxGANHV



\*Cord Included

6.6' QUICK CONNECT CABLE  
ITEM#: LAYUC2M



## 140-WATT HIGH LED

- 500-Watt Metal Halide Replacement
- 18000 Lumens, 5000K CCT
- 15.6 Grms Vibration Rating
- 3/4" NPT Quick Connect
- 90-305VAC, High Voltage 180-528VAC
- IP-68, IP69K
- Beam Patterns Available: 10°, 25°, 40°, 60°, 90°, 180°

Application: Outer Legs, Trolley, Under Girder

ITEM#: LSG0630xxGANHV



\*Cord Included

6.6' QUICK CONNECT CABLE  
ITEM#: LAYUC2M

## 50-WATT JUNCTION BOX

- 200-Watt Metal Halide Replacement / HPS
- 7000 Lumens, 5000K CCT
- 15.6 Grms Vibration Rating
- 3/4" NPT Quick Connect
- 110-277vAC
- IP-68, IP69K
- Beam Patterns Available: 10°, 25°, 40°, 60°, 90°, 180°

Application: Exterior Machine House

ITEM#: LSG0225180STRHDQC



\*Cord Included

6.6' QUICK CONNECT CABLE  
ITEM#: LAYUC2M



Built-In Back-Up  
Battery Available



# AC INTERIOR SOLUTIONS

## INTERIOR LINEARS

- Fluorescent Tube Replacement
- 4000-13000 Lumens, 5000K CCT
- 8.7 Grms Vibration Rating
- 3/4" NPT Quick Connect
- 90-305VAC
- IP65 Rated Damp Location Fixture, IP66
- Beam Patterns Available: 180° Ultra Wide

**Application:** Electrical Room, Mechanical Room



**Built-in Battery Backup System** (Shown)

11.81" x 2.91" x 3.54"  
**ITEM#: LLG0212180F**

23.62" x 2.83" x 3.54"  
**ITEM#: LLG0221180F**

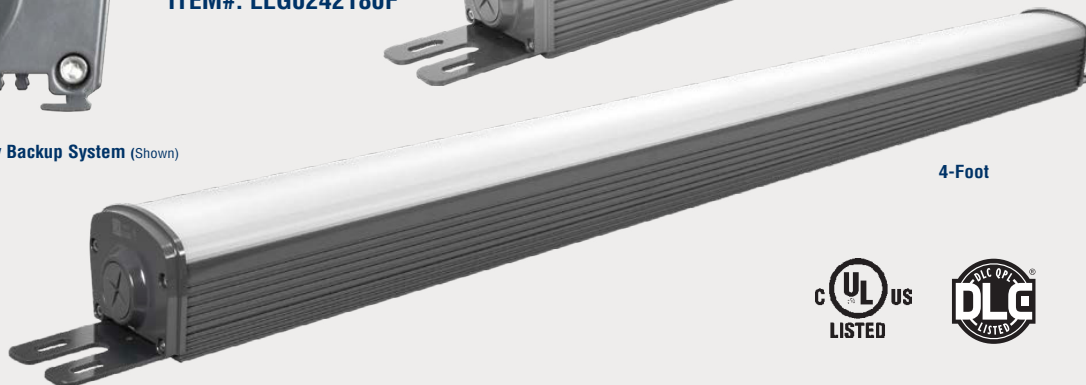
47.24" x 2.83" x 3.54"  
**ITEM#: LLG0242180F**



1-Foot



2-Foot



4-Foot



## 10-WATT JUNCTION BOX

- 100-Watt Halogen Bulb Replacement
- 1000 Lumens, 5000K CCT
- 15.6 Grms Vibration Rating
- 3/4" NPT Quick Connect
- Beam Patterns Available: 180°

**Application:** Walkways, Stairwells

**ITEM#: LSGSM40180F**

4.41" x 2.17" x 2.58"



## TERMS & CONDITIONS OF SALE

### Terms & Conditions of Sale:

APS full terms and conditions of sale are detailed on its website [www.aps-supply.com/support](http://www.aps-supply.com/support) under the heading Terms & Conditions.

### Discontinued Items:

Important Notice: Due to the evolving nature of electronic technology this catalog may contain items which could become obsolete or discontinued during the year of publication. We commence compilation of this catalog 3-4 months prior to publication and despite our best intentions, some items may become obsolete or superseded.

### Faulty Goods / Warranty Claims for Defective Products:

The Manufacturer warranties apply to all goods sold by APS. No other warranty, express or implied is offered.

Please visit APS website [www.aps-supply.com/support](http://www.aps-supply.com/support) for complete details on our warranty claim procedure.

You can access a Warranty Claim form for your region. Please complete and submit this form to APS.

Please also see APS returns policy and procedure on its website: [www.aps-supply.com/support](http://www.aps-supply.com/support) - Heading: Refunds and Returns

### Minimum Order:

APS minimum order value is \$250.00.

### Stock Availability:

APS will endeavor to ensure stock availability concurrent with the life of this catalog. However, from time to time due to circumstances beyond APS control some stock items may not be available at time of ordering.

## APS PROCUREMENT

### Global reach - Local knowledge - Logistics & Handling expertise

APS USA procurement specialists have more than 20 years of experience in procuring electrical and safety products for our clients internationally.

We provide our clients:

- Substantial cost savings
- Established USA and Australian facilities and the highest level of integrity
- International logistics and handling experience
- Reliable delivery
- When you partner with us, you let your management team focus on their core business while we handle the procurement and supply of non-core purchases.

APS will negotiate the best deal, and then coordinate the purchase at every stage of the supply process ensuring quality of service and reliability. Allow us to use our knowledge, purchasing capacity and logistics expertise to minimise your costs and provide real value

## BRANDS

APS is the agent and master distributor for a select range of high quality lighting, vehicle safety and workplace safety products that are built to last.

Our distribution partnerships mean you – the client, will have the products you require on time. We also provide you with full support within a particular country, which includes stock and procurement services.

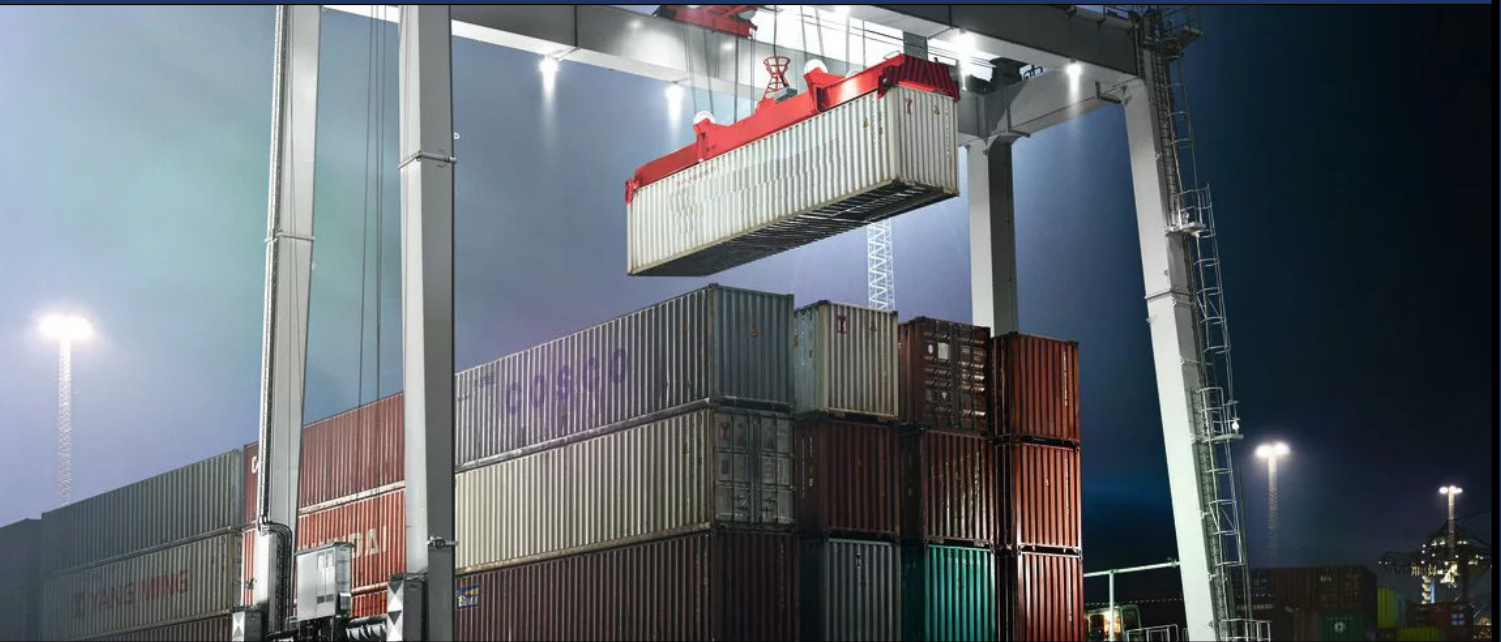
Our international network means that we can provide products when and where it is needed.



REDUCING RISK,  
WHILE IMPROVING

**SAFETY AND  
PRODUCTIVITY**

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## CONTACT US

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