

# Finlight Company Overview

## Your Reliable Port Lighting Partner



# Light Is Our Core.

## Tailored Solutions Are Our SUPERPOWER.

At Finlight, we deliver **high-quality, energy-efficient LED lighting** for demanding environments. We have **over 15 years of expertise** in industrial, commercial, and infrastructure lighting, as well as own luminaire manufacturing, providing **reliable and proven solutions**.

Our services include **audits, design, and advanced control systems**, creating solutions that enhance **safety, efficiency, and sustainability**. We also offer a wide range of **high-quality ready-made and custom luminaires**, tailored to the specific needs of each site.

# Lighting Challenges in Ports



## **Ports Operate 24/7 in Challenging and Harsh Conditions**

Optimal visibility, safety, and durable, low-maintenance luminaires are essential.



## **Operational Costs and Downtime Undermine Efficiency**

Maintenance and energy expenses interrupt workflows and raise operational costs.



## **Meeting Sustainability Standards in Port Lighting**

Modular, reusable luminaires are essential for long-term responsibility.



## **Reducing Light Pollution for Ecosystem Protection**

Port lighting impacts ecosystems, requiring design that limits unnecessary spill.



# How Finlight Addresses These Challenges



## Tailored Lighting Solutions

We assess our clients' individual needs and design LED lighting systems that maximize efficiency and performance.



## Energy and Cost Efficiency

Our advanced LED solutions (high lumen/Watt) and intelligent controls reduce energy use, lower operational costs, and cut maintenance needs.



## Trusted Partner in Port Lighting

We ensure timely, disruption-free deliveries with easily installable lighting that minimizes downtime and enables a quick start-up.



## Advanced and Durable Design

Our LED lighting solutions are built to withstand extreme weather conditions, salinity, and continuous operation, ensuring a long lifetime and consistent performance.



## Environmental Consideration

We meet sustainability goals with modular solutions that reduce light pollution and protect ecosystems. Durable, efficient, and low-impact design ensures long-term environmental performance.



## Ongoing Support and Expertise

We offer long-term support and expert guidance from planning to implementation and beyond, ensuring your lighting continues to perform and adapt to operational needs.

# 5 Key Benefits of Partnering with Finlight

## 1. Safer Work Environment

Correctly placed, purpose-built luminaires improve visibility, reduce accidents, and enhance working conditions. Crane safety display solutions further support safe movement across the port.

## 2. Smoother Operations

Reliable lighting supports efficient logistics and 24/7 operations. Well-aimed light with adequate brightness and color keeps staff alert and reduces accidents.

## 3. Significant Cost Savings

Energy-efficient systems and long luminaire lifetime reduce energy and maintenance costs.

## 4. Reliable and High-Quality Service

With over 15 years of experience, Finlight delivers dependable service, high-quality products with long warranties, and expert support for long-term success.

## 5. More Sustainable Future

Our LED solutions meet environmental standards and deliver long-term efficiency. Modular design allows component replacement, reducing waste, and supporting reuse and recycling.

We also minimize light pollution to protect ecosystems and promote biodiversity, helping ports operate more sustainably.



# Our Service Packages



## **Finlight™ UPGRADE** Optimizing Your Existing Lighting

Retrofit lighting service tailored for ports and container terminals. It replaces outdated high-mast or area lighting with modern, energy-efficient LED luminaires — without structural modifications.



## **Finlight™ SmartUPGRADE** Complete Lighting Solution

A full-service lighting solution combining professional design, intelligent control, and ecological optimization — tailored to the complex demands of container yards, quays, storage zones, and high-traffic port areas.

# Finlight™ UPGRADE

Retrofit lighting upgrade for ports and terminals

Minimal disruption. Maximum efficiency. Designed for operational continuity in container yards, storage areas, and port terminals.

## Includes:

- ✓ Assessment of current lighting setup (based on client data)
- ✓ Lighting design with Dialux calculation
- ✓ LED luminaire replacement recommendations, including luminaire list and quantity calculation.
- ✓ Light output optimized for port operations and environmental sensitivity
- ✓ Energy savings and ROI calculations based on design
- ✓ Clear report, installation guidelines and quotation with energy savings, ROI, and product delivery details



# Finlight™ UPGRADE

## Our Collaboration Process

Ideal for ports seeking energy-efficient upgrades without modifying infrastructure.



### 1. Site Information

Client provides data on current lighting (e.g. maps, photos, luminaire types).



### 2. Lighting Assessment

We review the existing setup and identify upgrade opportunities through lighting calculations.



### 3. LED Replacement Proposal & Quotation

We deliver an optimized LED proposal with ROI, energy savings, and documentation.



### 4. Product Delivery

Upon order confirmation, products are prepared and delivered to your site.



### 5. Client Installation with Finlight Guidance

Your team installs the new LED lighting based on the provided documentation.



# Finlight™ SmartUPGRADE

Smart lighting design and control for demanding port environments.

Smart lighting. Seamless logistics.  
Built for performance and sustainability at scale.

## Includes:

- ✓ Detailed needs analysis and consultation
- ✓ Lighting design with Dialux calculation
- ✓ **Intelligent lighting control planning (DALI, wireless, sensors, etc.)**
- ✓ Light output optimized for port operations and environmental sensitivity
- ✓ Energy savings and ROI calculations based on design
- ✓ Full project documentation (luminaire layout plans and lux calculations)
- ✓ Clear report, installation guidelines and quotation for the delivery of products and control systems

# Finlight™ SmartUPGRADE

## Our Collaboration Process

Perfect for new terminals or complete lighting overhauls with advanced functionality.



### 1. Consultation & Needs Assessment

We analyze your operational, safety and environmental needs.



### 2. Lighting Design & Simulation

Professional lighting design using Dialux or similar tools, including luminaire layout planning.



### 3. Smart Control Planning

Design of intelligent control systems (DALI, wireless, sensors, etc.).



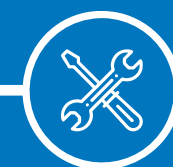
### 4. Complete Product Quotation

You receive a detailed offer with luminaires, smart controls, energy savings, ROI, and full documentation.



### 5. Product Preparation & Delivery

Once the order is placed, all components are prepared and shipped to your location.



### 6. Client Installation with Finlight Guidance

Your team installs the system with our remote technical support as needed.



# Contact us today,

and let's build an **efficient and safe**  
lighting solution for your port together.

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**Visibility is safety. Energy efficiency is smart spending. Sustainability is the future.**