

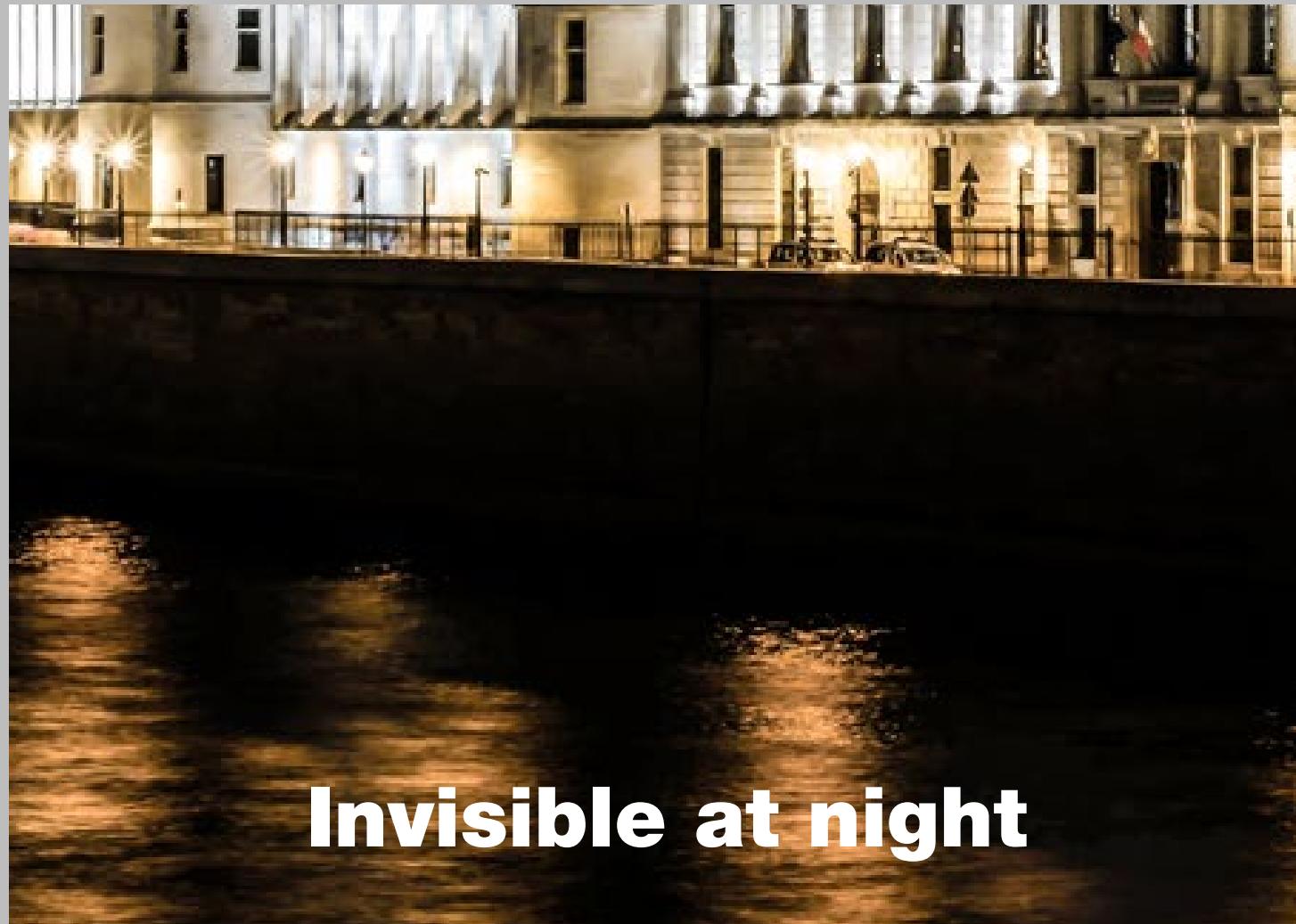


LIFELADDER
by port:safety

Traditional safety ladders...



Hard to find



Invisible at night



Difficult to use



Dangerous



Out of reach



Require maintenance



Visible 24/7

Modular construction

Maintenance free



Made for the port environment

Super visible all year round. Non-corrosive
Light weight and easy to install

Port of Esbjerg, Denmark

Construction



Main modules

High strength

Spacers

Compressible

Ropes

Static, 2 ton each

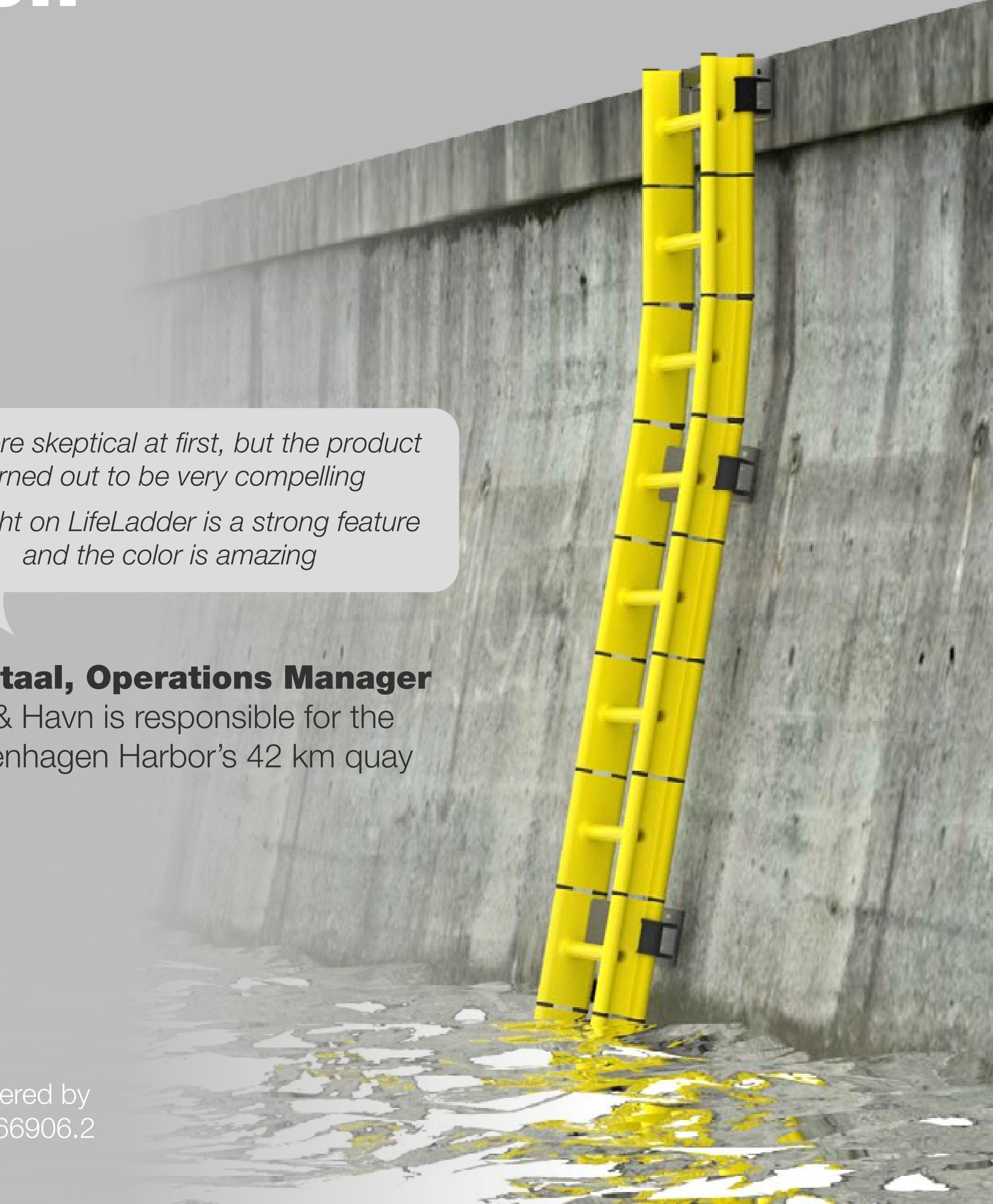
We were skeptical at first, but the product turned out to be very compelling

The light on LifeLadder is a strong feature and the color is amazing

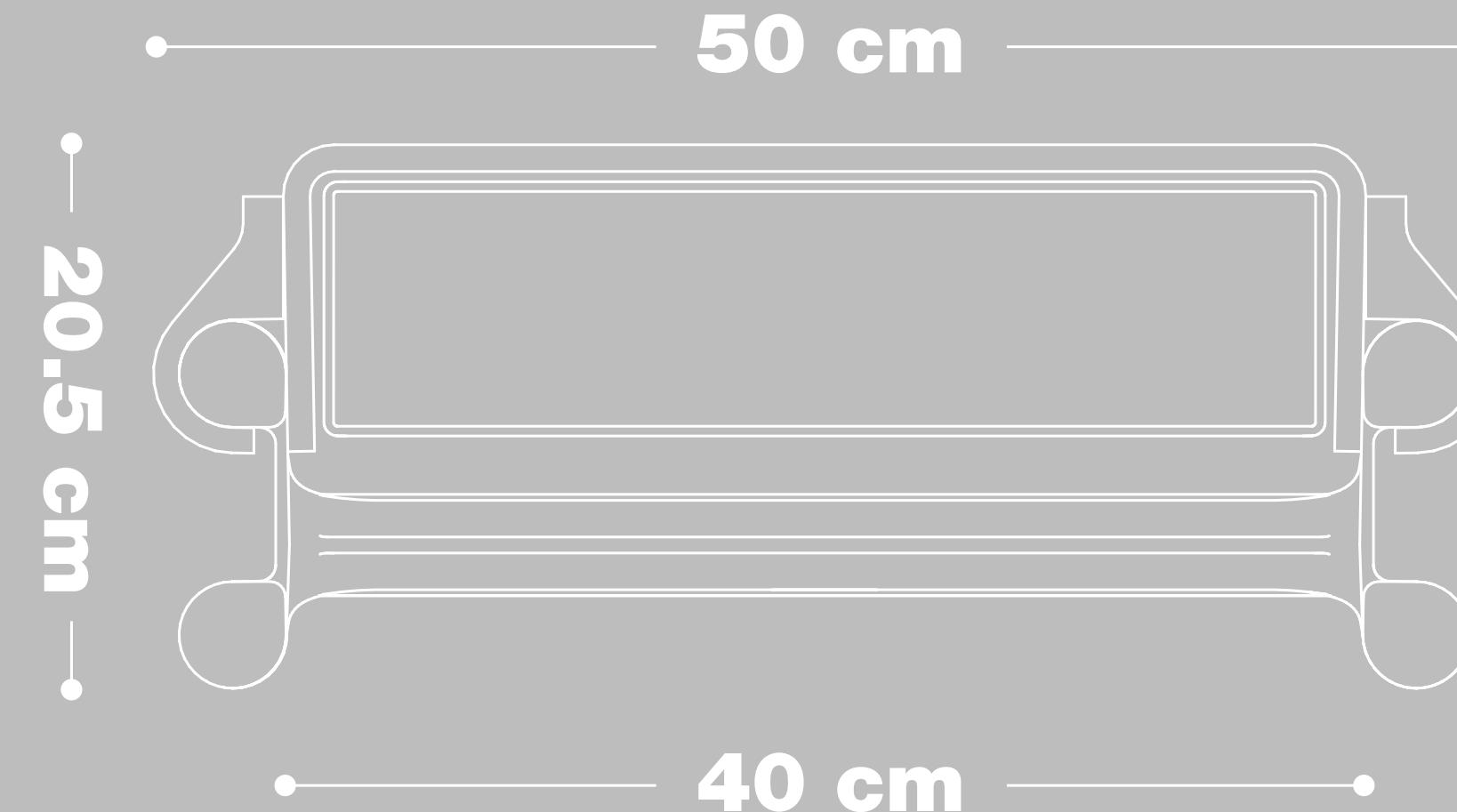
Per Staal, Operations Manager

By & Havn is responsible for the Copenhagen Harbor's 42 km quay

The invention behind LifeLadder is covered by Pending Patent Application no. EP17166906.2

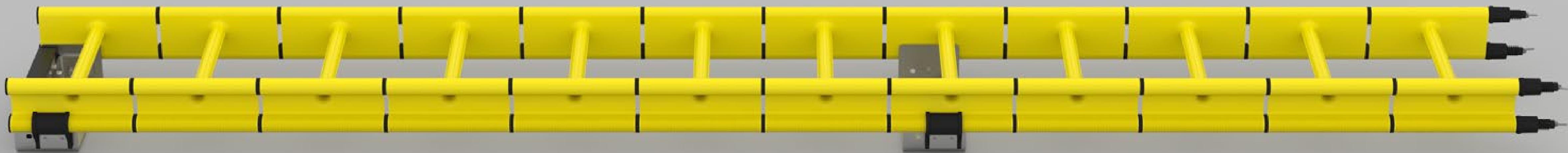


Specifications



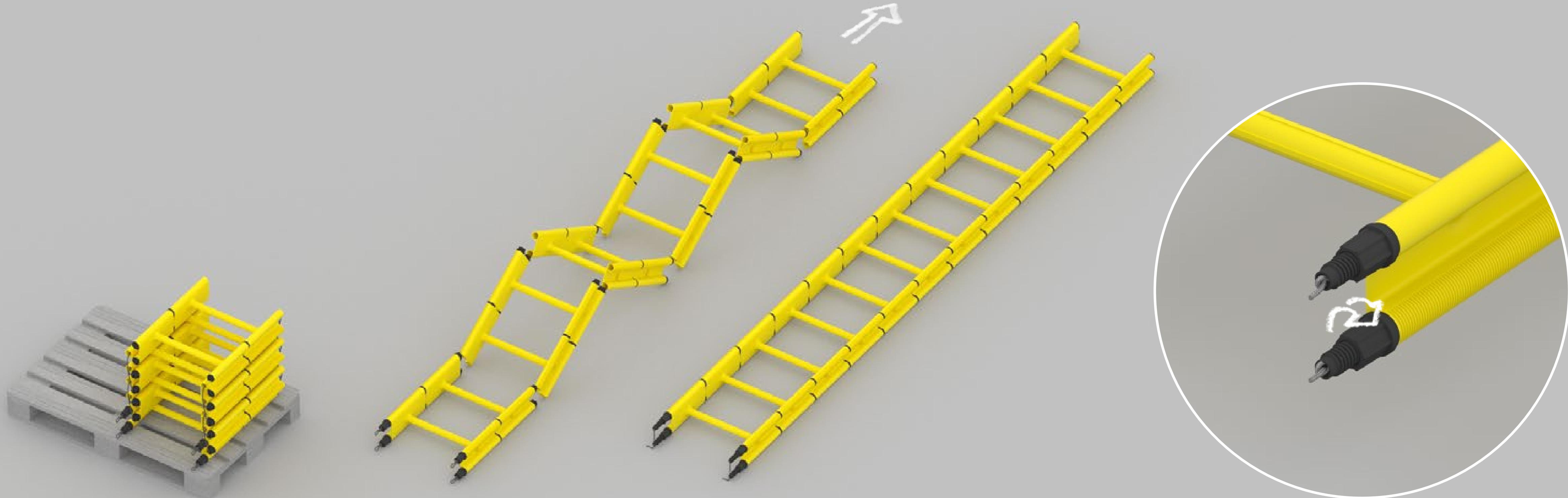
34.4 kg

3.6 meter ladder + steel brackets + LightUnit



LifeLadder is dimensioned to comply with European Standard EN 14329

Delivery



- 1.**
Receive on pallet

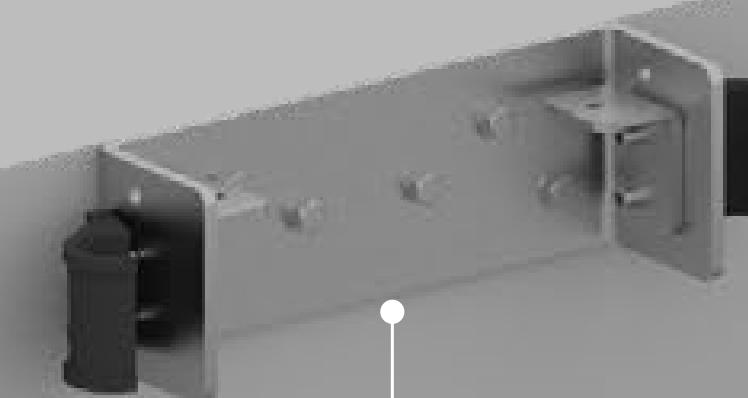
- 2.**
Fold out

- 3.**
Tighten

Installation

1.

Mount the brackets



max 3 m



2.

Attach LifeLadder



3.

Insert LightUnit



Suitable for manual handling:
3.6 m LifeLadder weighs 20.8 kg





LightUnit

Solar powered

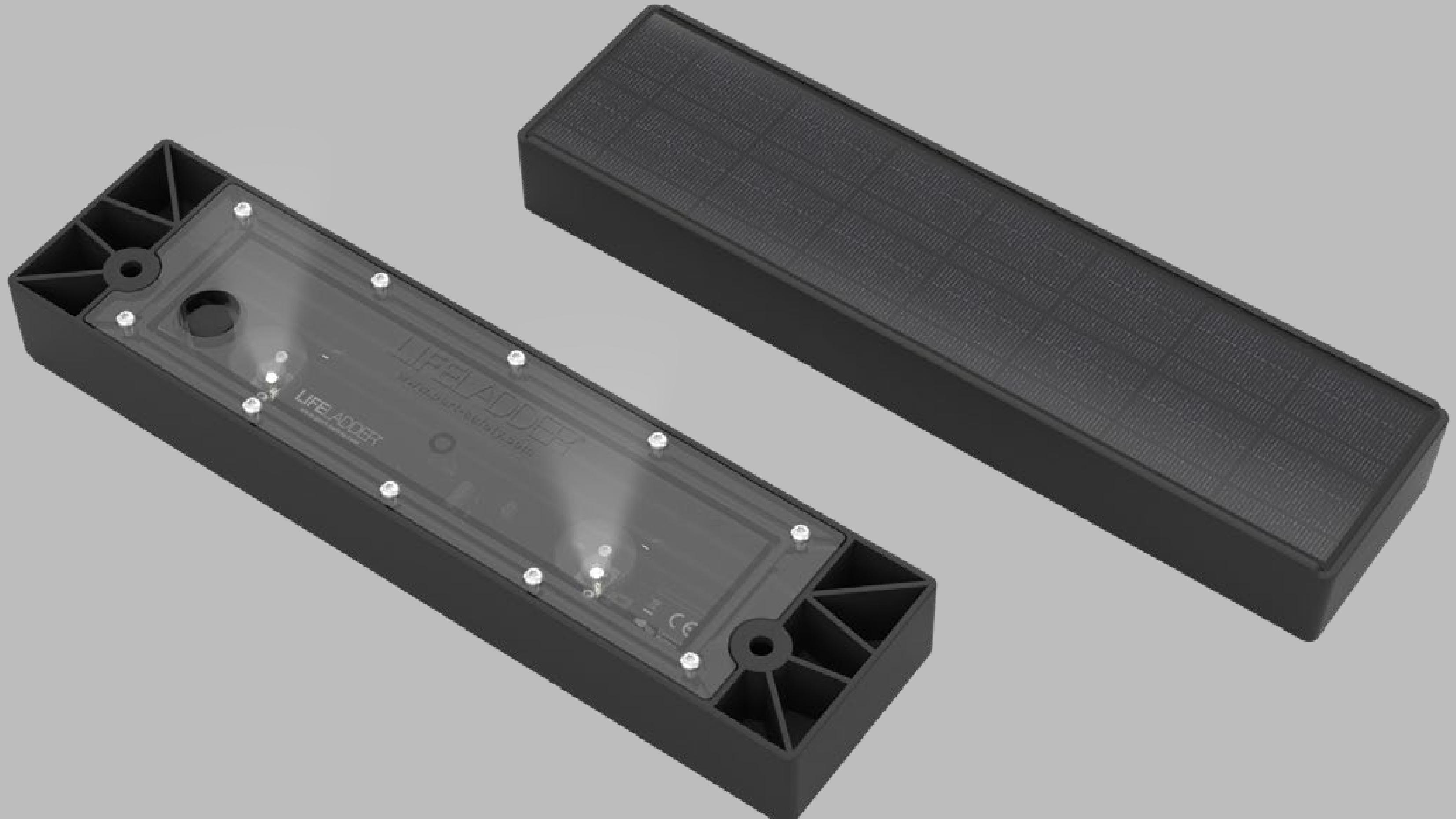
Ensures 24/7 visibility
Independent of power grid

Functions all year

Optimized for full year
performance up to 60°N

Robust materials

Reinforced PA66
Waterproof IP68





Speaks to the intuition

Steps, stiles and quay wall is illuminated
The ladder appears recognizable to a person in distress

Copenhagen



Added Value

Improved Safety

Visible day and night
Solar lighting

Maintenance-free

Robust materials
with superior lifetime

Sustainable

Easy to repair
50% CO₂ reduction

Improved safety and early break even





Mission

"We are in the business of saving lives"

Port-Safety supports the SDGs:

Combining known technologies
to tie up less energy, produce less waste,
and provide safer solutions

Fewer drowning accidents
both in old and new city areas
where people are close to the waterfronts



Reducing carbon footprint by 50%
compared to conventional solutions*



THE GLOBAL GOALS

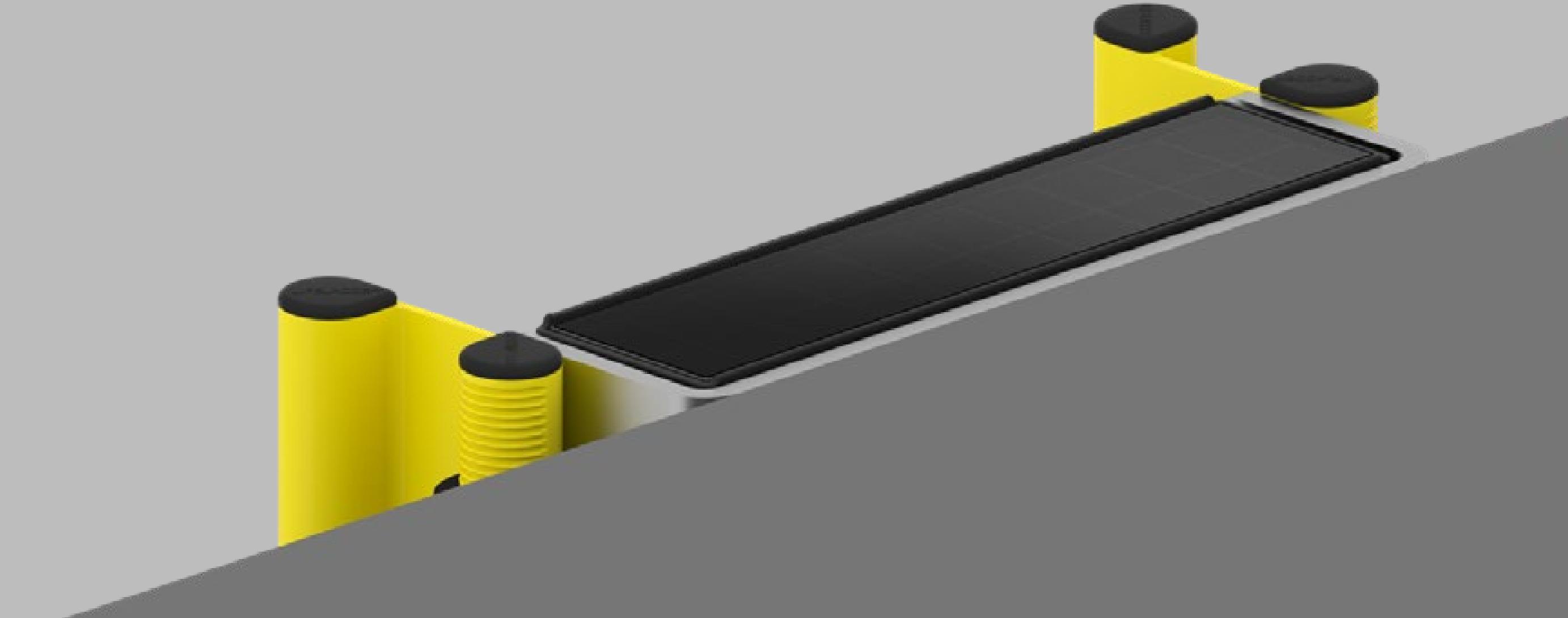
*Port-Safety is part of ReFlow Maritime's "Sailing Towards Zero" - an impartial case study on the Carbon Footprint of Maritime Components. Results show that LifeLadder® reduces impact on climate change by 50% compared to traditional safety ladders of stainless or galvanized painted steel (cradle-to-gate): www.re-flow.io/project-sailing-towards-zero



Economy

Long lifetime
Maintenance free
Easy module replacement
Lightweight installation
Compact storage
Reduced Costs

Loyalty Agreement available



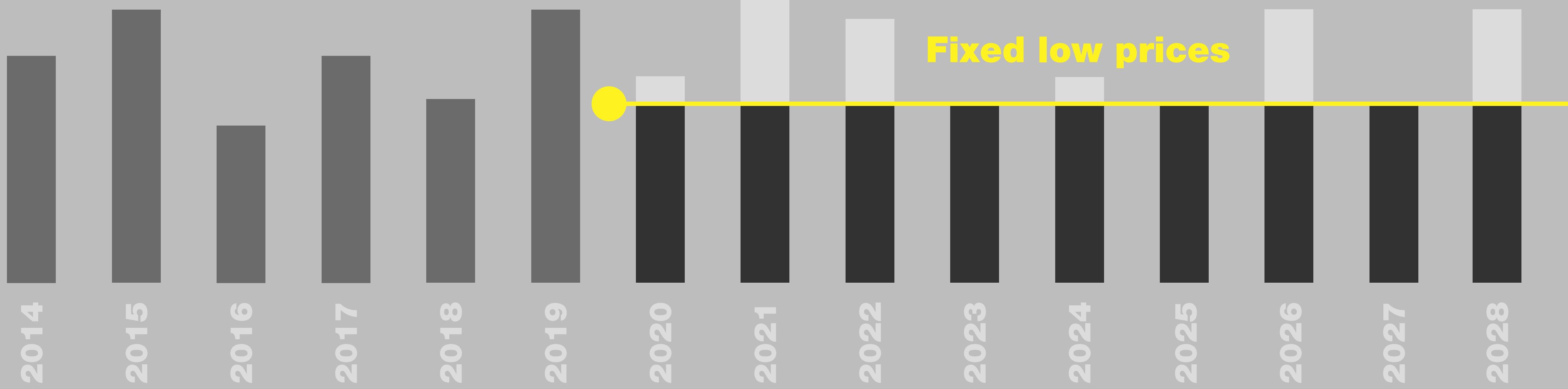
Replacement



Loyalty Agreement

Predictable costs

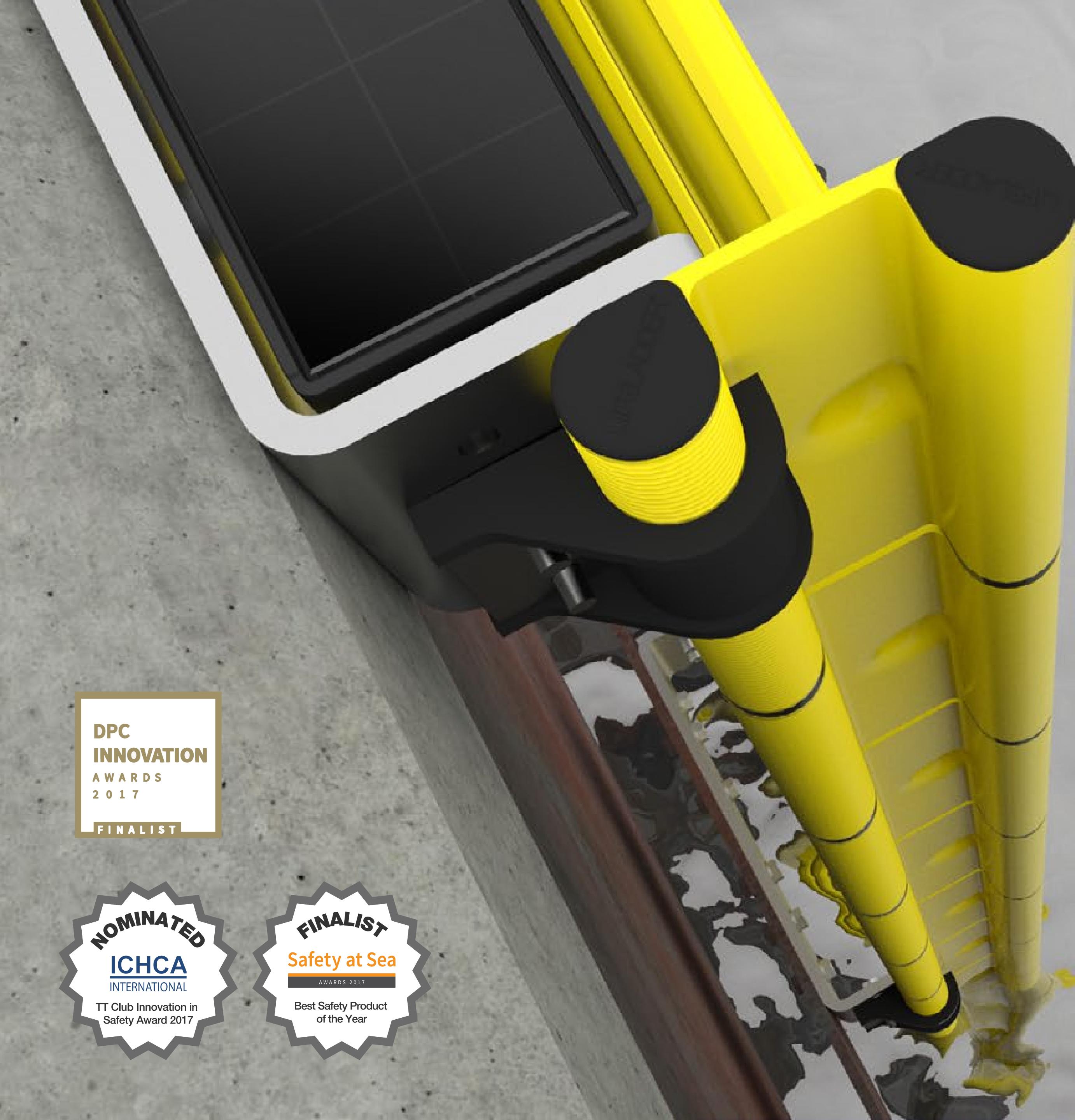
Volume discount from first ladder





Installations





LIFELADDER

by port:safety

Safety upgrade

Reduced Costs

Sustainable





port:safety

in the business of saving lives

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