



Protect<sub>2.0</sub> & Neptune<sub>2.0</sub>

A step ahead of the competition

## The history of Neptune & Protect:

Since they were first launched, we have sold 1,5 million units of Neptune and Protect. The fittings have become well know across the Nordics for excellent quality and durability.

Now, we are launching new versions with slimmer design and same fixation - with the latest technology and solutions.





A new generation of vandal proof fittings!

## Neptune<sub>2.0</sub>



Neptune<sub>2.0</sub> | Grid



Neptune<sub>2.0</sub> | Cross



Neptune<sub>2.0</sub> | Half cover

## Protect<sub>2.0</sub>



### DEFA Lighting and our philosophy

We believe that knowledge, experience and a strong desire to learn are the best tools for providing complete and ideal lighting solutions.

Our goal is to become the preferred partner in projects of all sizes and we are investing heavily in being able to provide the best possible expertise, planning and service, from start to finish.

# A step ahead of the competition

Flexible use of sensors and control systems

Flicker-free light

Indoor and outdoor use



## Protect<sub>2.0</sub>

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**Application areas:** P-house, prison, facade, entrance, stairs, public convenience, pedestrian area and underpasses.

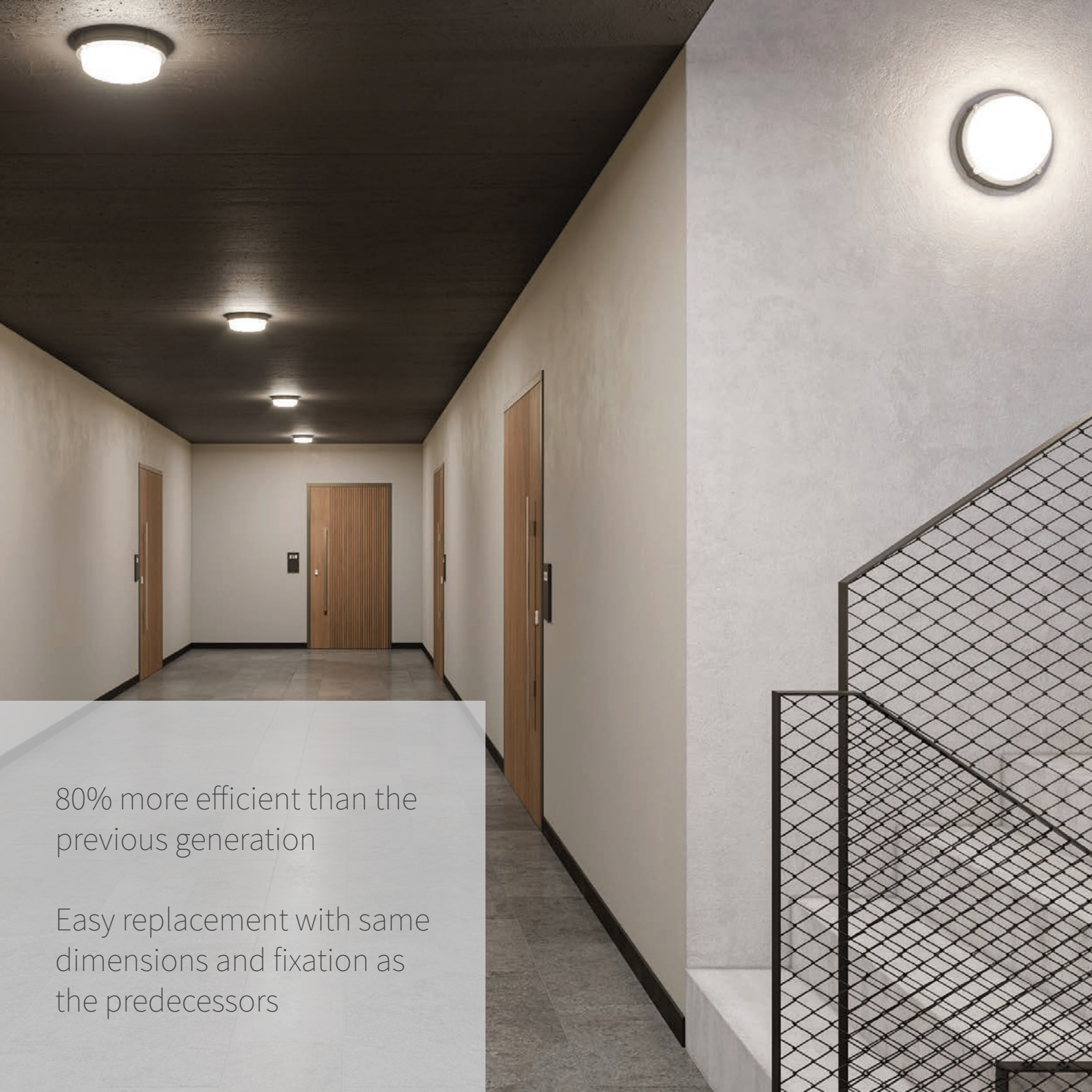
**Module:** Ø240 mm - height 80 mm

**Lighting management:** DALI, Radar sensor, Twilight

**Colour temperature:** 3000 - 4000K

**Effect fitting:** 8W

**Variants:** Black, Aluminium, White



80% more efficient than the  
previous generation

Easy replacement with same  
dimensions and fixation as  
the predecessors



# Slim design & easy mounting

87 mm



Lowest building heights in the market  
Smaller boxes for easier transportation  
Easier installation



## Neptune<sub>2.0</sub> | Half cover

**Application areas:** P-houses, facades, entrances, stairs, public conveniences, pedestrian areas and underpasses

**Module:** Ø240 mm - height 87 mm

**Lighting management:** DALI, Radar sensor, Twilight

**Colour temperature:** 3000 - 4000K

**Effect fitting:** 8W

**Variants:** Black, Aluminium, White



# Neptune<sub>2.0</sub> | Grid

New unique design!

**Application areas:** P-house, facades, entrances, stairs, public conveniences, pedestrian areas and underpasses

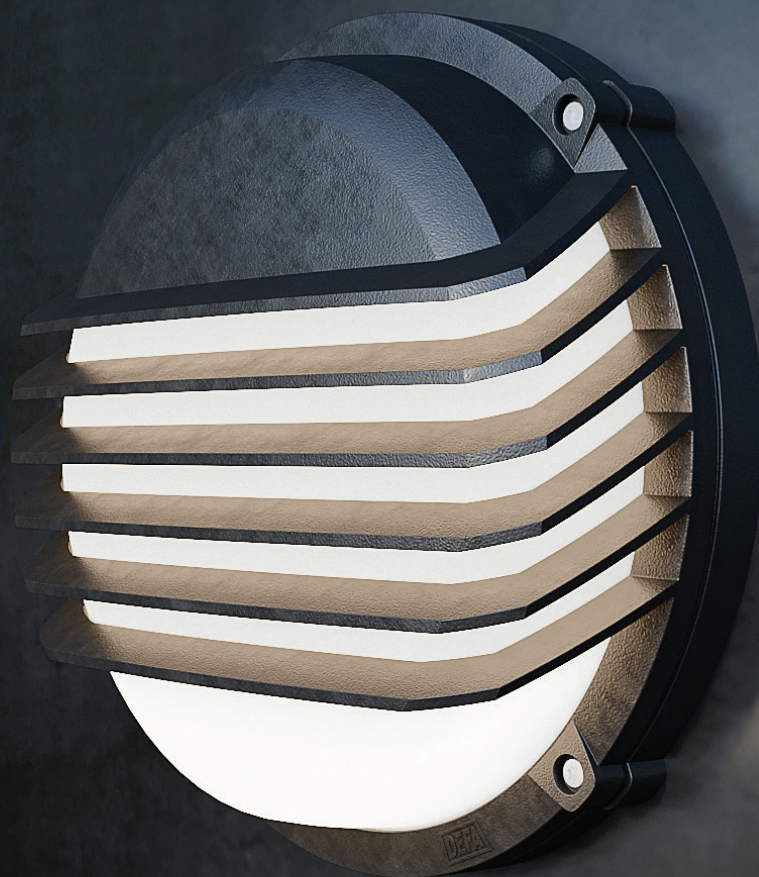
**Module:** Ø240 mm - height 93 mm

**Lighting management:** DALI, Radar sensor, Twilight

**Colour temperature:** 3000 - 4000K

**Effect fitting:** 8W

**Variants:** Black, Titan, White









# Quality and durability

15 year protection - corrosion class C5

Completely uniform light surface

Glossy diffuser surface - remains clean



## Neptune<sub>2.0</sub> | Cross

**Application areas:** P-house, facades, entrances, stairs, public conveniences, pedestrian areas and underpasses

**Module:** Ø240 mm - 87 mm

**Lighting management:** DALI, Radar sensor, Twilight

**Colour temperature:** 3000 - 4000K

**Effect fitting:** 8W

**Variants:** Black, Aluminium, White





# A complete solution

## **Flicker free light**

DC Driver ensures BREEAM compliance

## **Long lived in harsh environments**

15 year protection - corrosion class C5

## **Uniform light surface**

Unique LED module design

## **Energy saving control functions**

Twilight and radar sensors

## **Slim design – indoor and outdoor use**

Low build height 80 mm / 93 mm

## **Ideal replacement fittings**

Same dimensions as last generation

## **Minimal dirt collection**

Glossy diffuser surface

## **Strong and rigid structure**

Aluminium body

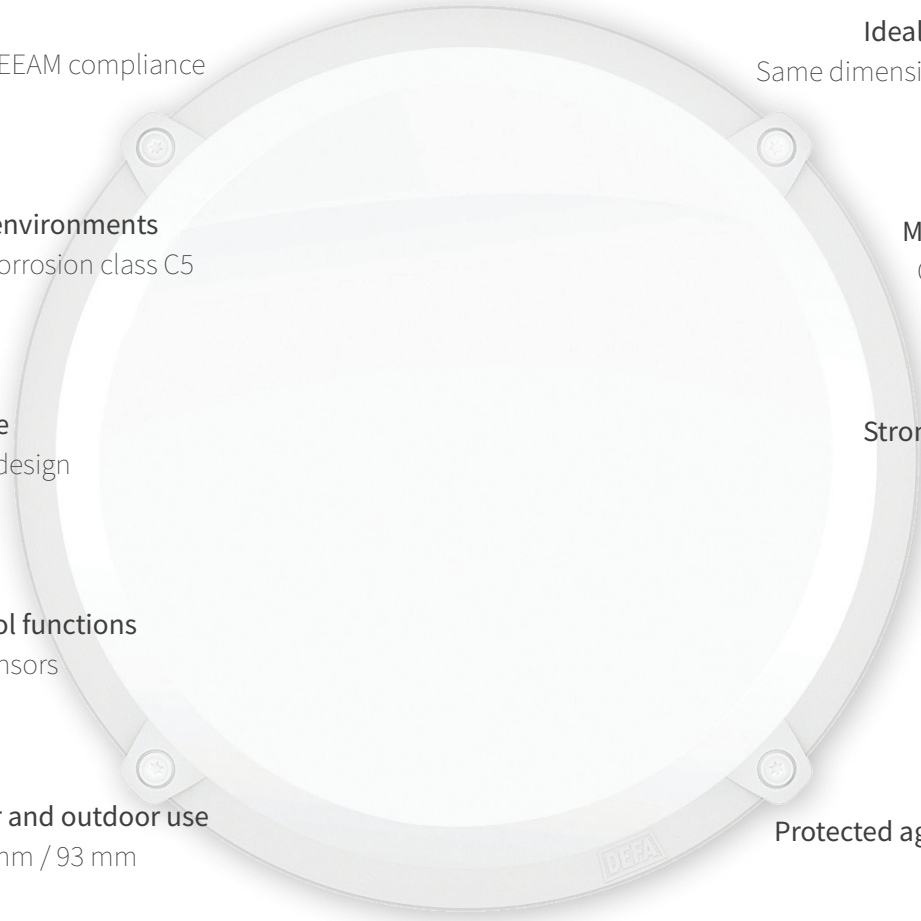
## **Vandal proof**

IK10 rating

## **Protected against water and dust**

IP65 rating

ARC is available for pole mounting of all versions.



### About DEFA:

Our goal is to make people's lives easier, more efficient and more environmentally friendly. We provide products and services that improve the way people charge, preheat and secure their vehicles, light up their buildings and roads, control their belongings and much more.

We are dedicated to keep creating great products through continuous improvement and innovation. DEFA is a Norwegian company, founded in 1946. We currently have more than 400 employees on 3 continents. Our products and services are distributed in more than 30 countries worldwide. [defa.com](https://defa.com)

