



# TOUGH LUMINAIRES

## FOR ROUGH ARCTIC WEATHER ON NORSEA POLARBASE, NORWAY



### FACTS AT A GLANCE

#### DURABLE LIGHTING FOR ARCTIC CONDITIONS

NorSea Polarbase depends upon excellent lighting, especially during the Polar nights from October till end of January, where there is complete darkness 24/7. No sunshine at all!

In addition, the harsh weather conditions require lighting products which do not give in but will continue illuminating – regardless of the type of weather.

#### HIGH PERFORMANCE LUMINAIRES

The main goal for NorSea Polarbase was energy-efficient and reliable luminaires that provide good lighting.

20 x 4058075353749  
18 x 4058075580619  
3 x 4058075580657  
8 x 4058075372498

#### FLOODLIGHT MADE IT POSSIBLE!



# NORSEA POLARBASE WITH ACTIVITIES IN THE BARENTS SEA HAVE ACHIEVED EXCELLENT LIGHTING

By installing Floodlight Performance, Floodlight Max and Eco Class High Performance on their base

## THE CHALLENGE

NorSea Polarbase had up till recently only 1000W discharge lamps in their light masts and had therefore started replacing them with LED products. However there were quite a few problems regarding long response time/complaint time when the luminaires were not functioning as they should. In 2021 the base started fitting LED luminaires from another supplier which although were satisfactory, had a relatively high price and long delivery time.

## THE SOLUTION

During the Eliaden exhibition in Oslo 2022, representatives from NorSea Polarbase stopped by the LEDVANCE stand and talked to our sales team. Here they were able to get a closer look at our various luminaires. In consultation with a local installer and our District Manager for North Norway, Remi Romsdal, NorSea Polarbase proposed a solution that would suit the base and which also was a more affordable solution. In addition – the luminaires were immediately available on stock!

The base had previously used a number of indoor industrial luminaires that they were satisfied with. The advantage of the LEDVANCE luminaires was price and delivery time and also the friendly and competent contact personnel at LEDVANCE, who advised NorSea Polarbase.

## THE BENEFITS

The lights have been installed and are working properly. NorSea Polarbase works flawlessly and without incident. The new Floodlights also use much less electricity, last far longer and provide a constant luminous flux.

## SUMMARY

NorSea Polarbase has replaced their energy-intensive 1000W discharge lamps with energy-saving LED floodlights which were not only affordable but had great delivery time and were supported with great customer service.

„The advantage of your luminaires is price and delivery time as well as pleasant and serious contact persons at LEDVANCE. Also, the 3D lighting calculations from Chris Madsen at LEDVANCE really helped us get an idea of how the lighting would turn out.”

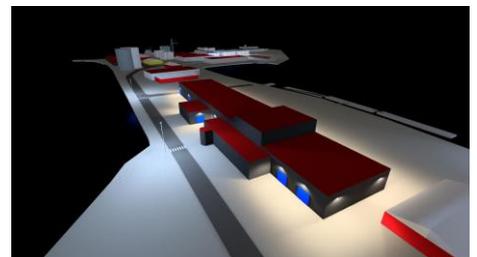
Ørjan Olsen, Maintenance Coordinator Property, NorSea Polarbase, Rypefjord, Norway



The main road on the base is now lit with our Floodlight Max luminaires for high power output.



Floodlight Performance around buildings makes the work area safe, in addition to lower energy consumption compared to traditional lamps.



3D lighting calculations and drawings of the same building and surroundings shown on image to the left.