



Effect of salty air to Illuxtron luminaires.



Installation June 2014 : 44x Fluxe 75
Investigation July 2016



42 spots are just dirty and can be cleaned.
Epoxy powder coating is still intact.

Fluxe 75 is coloured by an original Dupont Epoxy powder, the best resistant to severe situations.



The epoxy powder coating showed bubbles on the surface by 2 of the 44 spots.

These spots were the closest to the seaside at a distance of 50-100mtr.



This steel part had corrosion and was already 3 times repainted by the owner. It shows that most products rust way faster than Illuxtron products.



Also this heater was very rusty and is going to be replaced by the owner.



Conclusion

Several investigations show that there are different climates in the Netherlands. Most severe conditions are within 10km from the coastline. Extreme conditions can be found within 500mtr from the seaside (like in this project).

Our Fluxe 75 can be used outside in cove lighting but we cannot guarantee that our luminaires will stay undamaged for a long period.