



The Project

Customer:

Exploria

Location:

Brighouse, West Yorkshire

The Project:

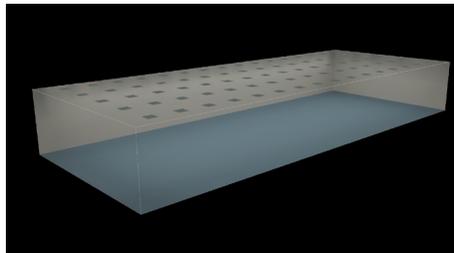
Pioneering the industry, Graeme started Exploria in 2002, with the vision of producing custom vehicles to a high standard with tailormade features to be used alongside outdoor sports and camping.

The Brief:

Kosnic were tasked with creating a lighting scheme to accommodate the variety of environments within Exploria, including the offices, workshop, valeting bay and showroom. The previous lighting wasn't providing an efficient bright illumination for task heavy areas, particularly needed in the workshop. The old style of fluorescent lighting was an energy hungry option, Kosnic set out to transform it into an energy efficient solution which would provide Exploria with fantastic cost savings.

Kosnic's in-house project team used industry recognised Relux software to identify and create a lighting scheme that would provide much needed effective lighting suitable for each space.

"We have had our old building and offices re-built and we had old fluorescent batten and 600x600 fluorescent cat 2 fittings and we cannot believe the difference in the new lighting. Our workshop is amazing where the vans are converted and the staff are a lot happier as they can see what they are doing." - Graeme Hirst, CEO of Exploria



Relux file generated by Kosnic's Project team, using 30W Alden backlit LED panels in colour temperature 6500K for the workshop (pictured above).



Energy Efficiency:



Both Niva II and Avon III offer ultra high energy efficiency, their modular designs enable them to adapt to any environment's requirement.

Niva II's option of wattage & CCT switching and Avon II's wattage switchable capability reduce the need to stock multiple lines and offer an all-in-one modular and flexible fitting.

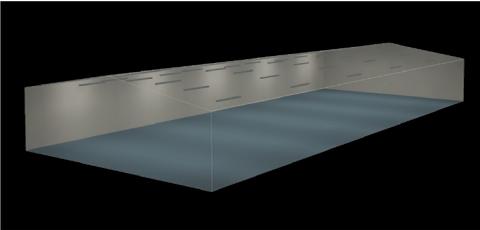


Scan to view more Kosnic case studies



Exploria's showroom with Alden backlit LED panels in colour temperature 4000K.

"We built a showroom and the colour that was chosen (4000K) really brings out the colour of our vehicles when they are finished and we are selling them, we fit your Avon 6ft twin Non corrosives in our valeting & detailing bay and it makes a massive difference to the vans when cleaning them and finished, we are very happy that we chose Kosnic for all our lighting throughout the building." - Graeme Hirst, CEO of Exploria



Relux file generated by Kosnic's Project team, using Niva II linear luminaires (pictured below).



The valeting & detailing bay with 6ft Avon twin non-corrosive linear luminaires.

The Result:

Kosnic's Project team created a bespoke lighting scheme that accommodates Exploria's needs for a variety of environments. Utilising Niva II's switchable CCT capability to select the highest output, 6500K and using Alden 30W panels in colour temperature 6500K created a brightly lit environment meeting Exploria's requirements for detailed task heavy areas.

Avon II 6ft twin battens have built-in switchable wattage offering a range of lumen outputs from 4200lm to 7000lm. This provided an ultra-high energy efficiency high lumen output to bring much need illumination to the valeting & detailing bay. Staff have noted that the new lighting has hugely improved the areas providing much need illumination where detailed work is carried out.



Niva II linear luminaires, with switchable CCT integrated LEDs.

Case Study November 2022

Products Installed:

Alden Backlit LED panel



- Save up to 50% energy usage compared to traditional fluorescent fittings
- TP(a) rated diffuser
- Square edge tray with robust structure to allow even light distribution around the edge
- DALI, 1-10V (0-10V) and PUSH alternative driver available
- IP44 when ceiling recess mounted
- UGR<19

5 Years Product Warranty

2 Years On-Site Warranty

Niva II Integrated LED interior batten



- Switchable CCT (3000K/4000K/6000K)
- High efficiency up to 130lm/W
- Optional plug-in emergency module available
- For single and twin tube batten replacement
- 20mm Conduit entry

7 Years Product Warranty

2 Years On-Site Warranty

Avon III Non-corrosive integrated LED linear luminaire



- T8 non-corrosive LED replacement
- IP65 and vandal resistant (IK08)
- Optional built-in emergency module
- Optional built-in microwave sensor
- Opal diffuser
- 20mm Conduit entry

7 Years Product Warranty

2 Years On-Site Warranty



Scan to view more Kosnic case studies