



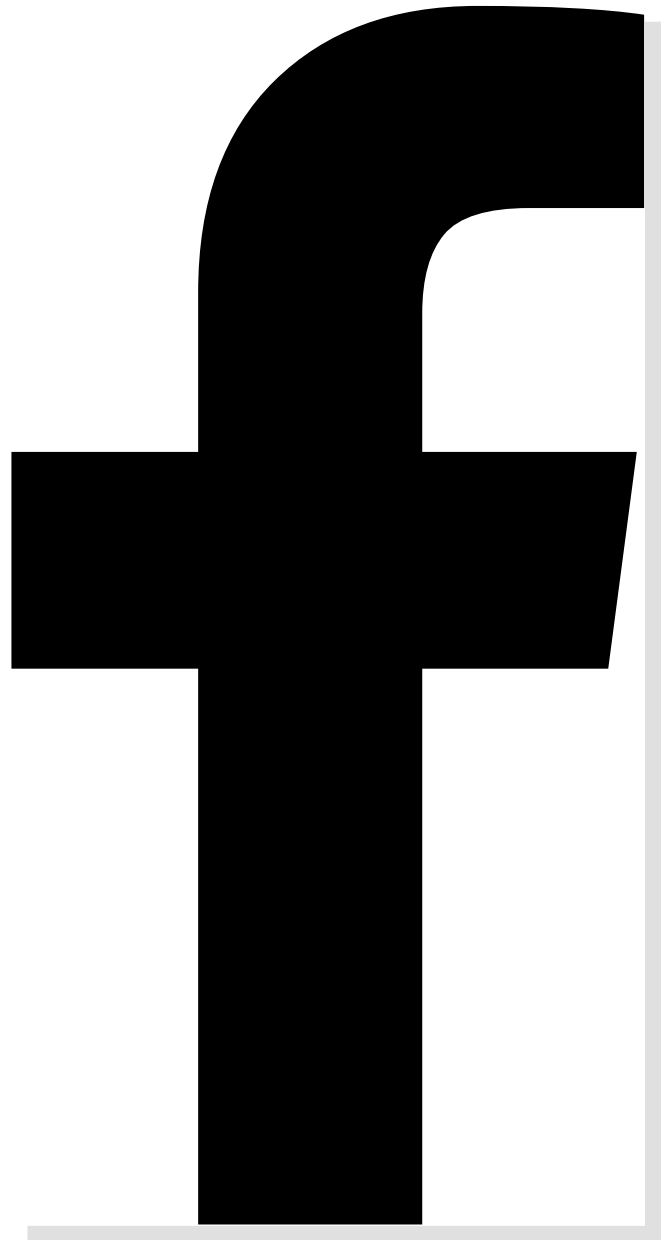
# CASE STUDY

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Plymouth Life Centre - Indoor Bowling  
Arena & Sports Hall

The Plymouth Life Centre Indoor Bowls Club was formed in 1969 under the name of Plymouth Indoor Bowls Club, initially playing on a roll out mat by the swimming pool in Central Park, Plymouth.

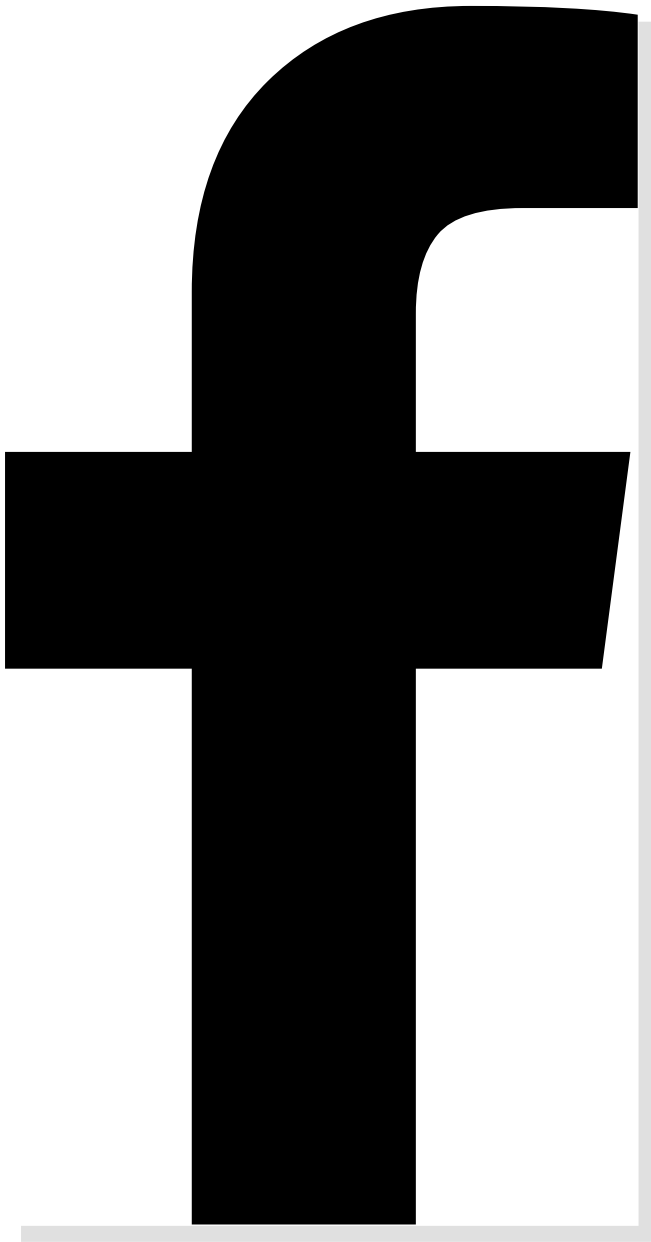
The club re-located to Plymouth Life Centre in 2011 and took their new name to reflect their new location. In 2012, they raised £1,662.65 for the Highbury Trust in Plymouth. The club is affiliated to the EIBA, (English Indoor Bowling Association Ltd). In 2014, they gained recognition from Active Devon when they became the first sports club to be awarded clubmark accreditation by Active Devon.



The Plymouth Life Centre also has many other outstanding facilities.

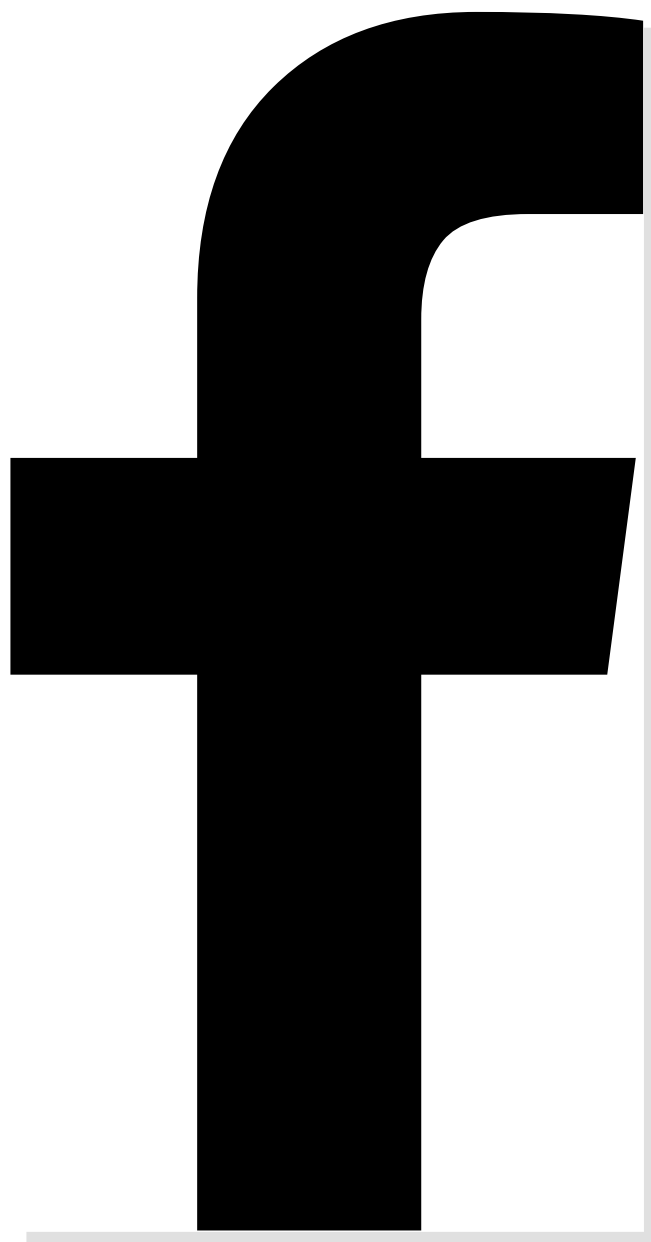
There is a choice of three indoor pools – an Olympic-sized indoor swimming pool, a diving pool, and a toddler pool. Its world class swimming facilities are extensive and include; spring boards, platform diving and opportunities to access and train in a unique dry diving facility. The centre also has a climbing wall, basketball and badminton courts and a multi-purpose sports hall.

The centre has ambitions to be able to host top-tiered international sports events and the first step on that journey is to be able to showcase their facilities in the best way without dramatically changing the look of its buildings.



Working with Plymouth Active – Plymouth City Council, contractor KK Controls & Equipment LTD and consultant Oatway Design, Dextra's multi-lumen packaged products were ideal for this scenario meaning original fixing points could be used when installing the new lighting.

The original lighting was only good enough for localised sport and county standard at best, according to the Sport England Guidelines. Many high-calibre sporting personalities have used the life centre to help them train to become professional athletes in the past, including Tom Daley OBE. The centre wanted to increase this as well as attracting local people to the centre. It knew if it wanted to hold International events, then things like upgrading the lighting was a crucial part of this journey.



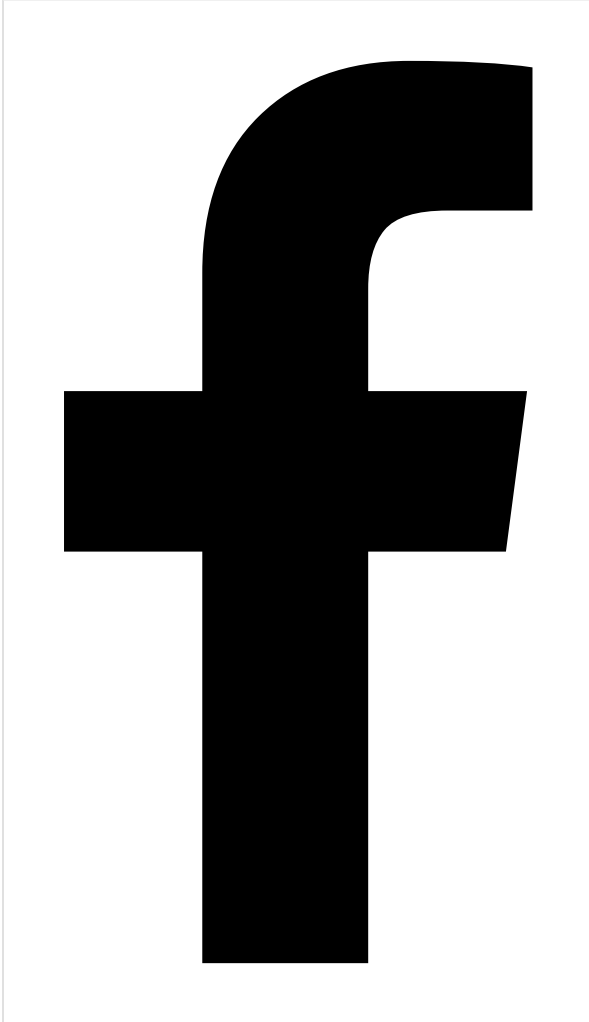
"I worked with Dextra Group on this project and I must say our experience from start to finish was fantastic. Dextra was able to offer a solution that many other lighting manufacturers said couldn't be achieved, which was being able to achieve a uniformity on 0.9, a massive must for the client! Dextra also managed to lower the wattage significantly against the in-situ lights, but also increase the output and overall brightness in the arena, which the client was very happy with!

Furthermore, the deadline for design and delivery was met which Dextra helped significantly with by turning around a lighting design in no time, and Dextra also being able to get the lights to site quickly was a big bonus. A great experience from start to finish and will be sure to use again."

Mark Freeman, Project Manager – K.K. Controls & Equipment Limited



## THE PRODUCTS



### ELEMENT CONTINUOUS SURFACE/SUSPENDED

The Element Suspended Continuous is suitable for surface & suspended installation in continuous run and is available in both bi directional and downlight only variants.

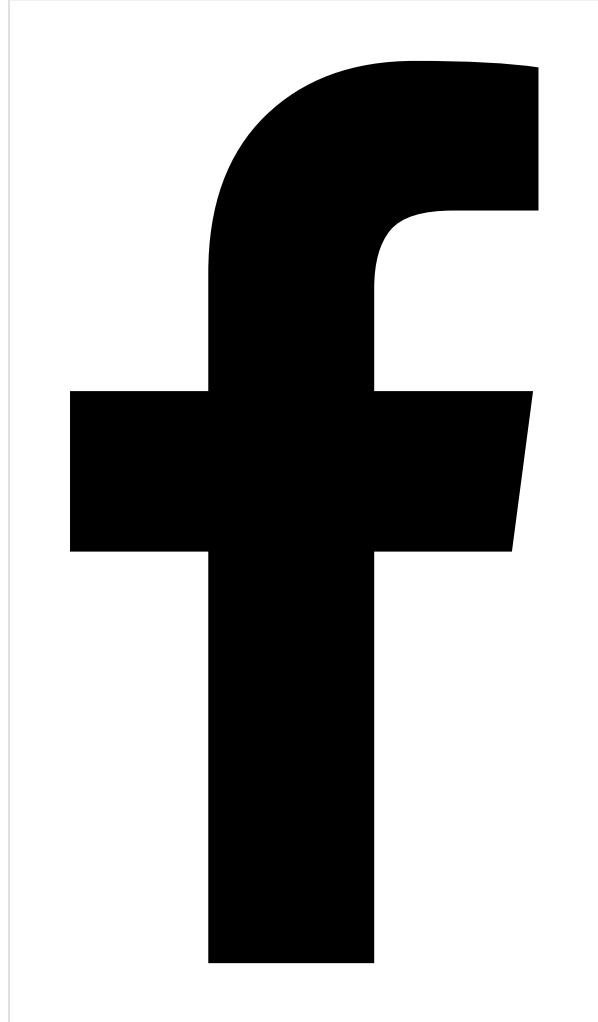
Why was this product selected?

This was used in the Plymouth Indoor Bowling Arena. Used to match what was existing in terms of aesthetics, but ultimately increase the uniformity to an impressive 0.9 across a 40x40m area.

Where was it used in the project?

Across the entire span of the project. Suspended 1.4 metres from the ceiling.

How many luminaries were supplied?



### PROSPORT

The ProSPORT is made with a steel housing, injection moulded polycarbonate end caps and a clear polycarbonate diffuser ensuring the ability to withstand ball strikes from most sports.

Why was this product selected?

The angled nature of the ProSPORT meant the throw of light was perfect to again achieve a high uniformity of 0.8 at 1000lux across 8 badminton courts. The challenge with this particular environment was the multi use environment. Local Basketball team 'The Plymouth Raiders' want to start televising their matches which this has enabled them to do so.

Where was it used in the project?

The entirety of the sporting arena

128 luminaires with the same again of blanks.

Any further information?

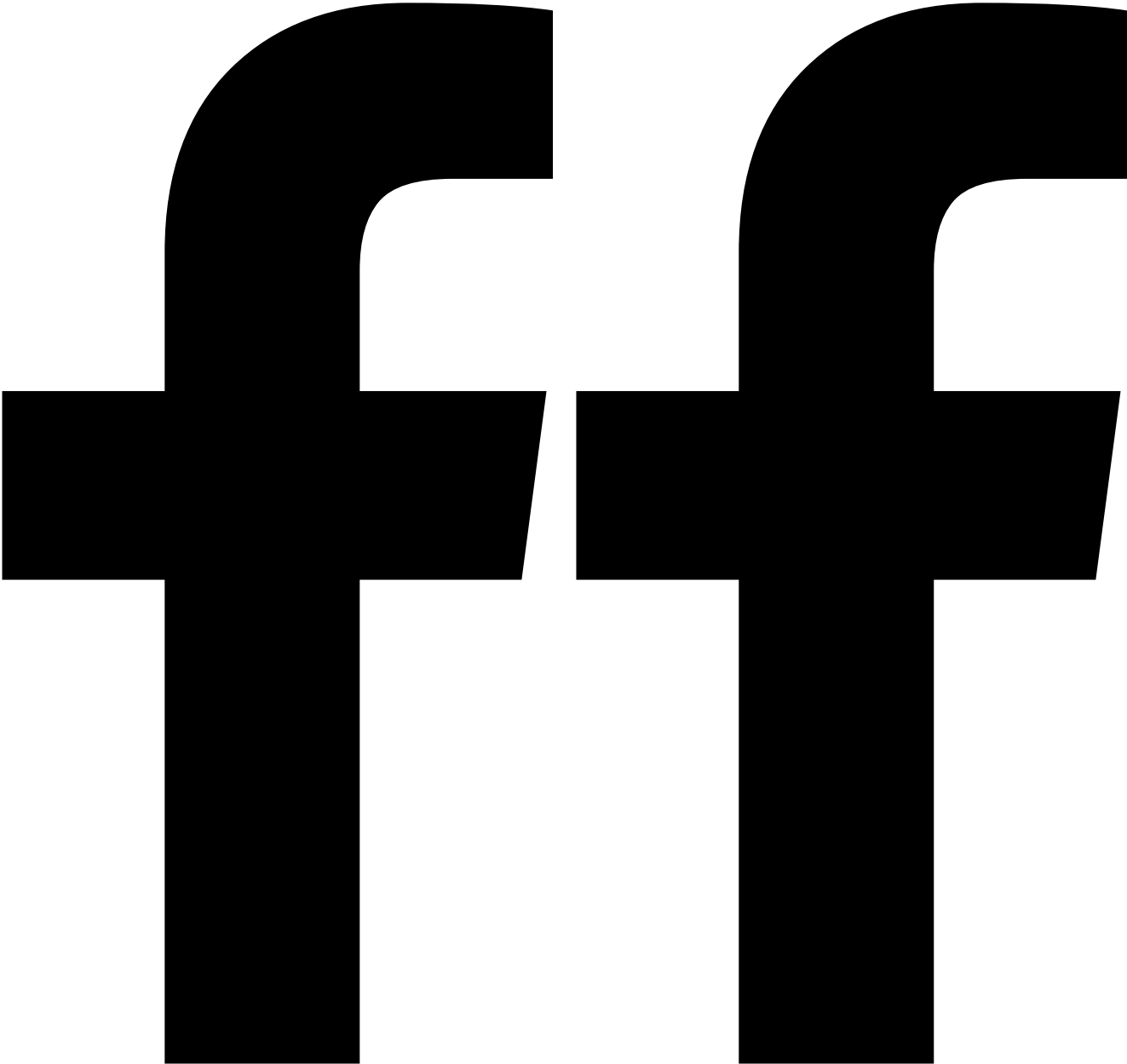
The pressure was put on us from the consultant to achieve 0.9, as Sport England usually only go to 0.8. KK were told from other notable manufacturers it wasn't doable using a continuous run system. Something the life centre didn't want so we stepped in at the last minute to show them it could be done.

[EXPLORE PRODUCT RANGE](#)

How many luminaires were supplied?  
104

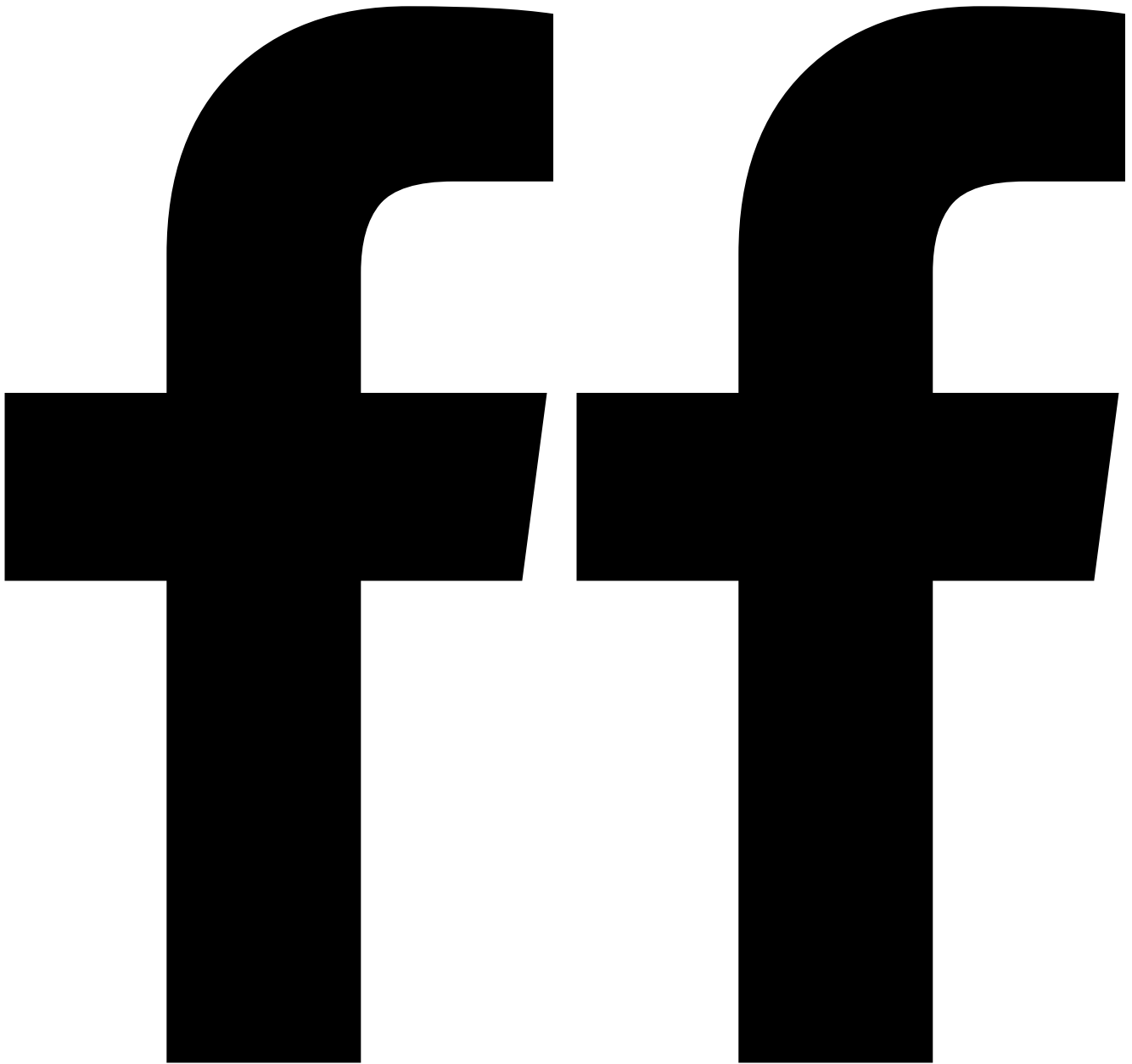
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GALLERY









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