

Ballymacash Rangers FC



BRFC was formed in 1984 by a group of young men wanting to play organised football. It has since served the community of Ballymacash for over 30 years and has a fiercely loyal fan base. It's also one of the few places in the area that offers young people the opportunity to come together and share their love of 'the beautiful game'. BRFC currently play in the Intermediate A division of the Mid-Ulster Football League. However, they have strong ambitions to get promoted to the NI Premier Divisions.

The challenge

To help them achieve their promotion to the Premier Divisions BRFC realised it needed to invest in its facilities. So, in 2017 plans were made, not just to improve the club's grounds with a new full-sized 3G pitch, but to also build an accessible Sporting Academy to support the whole area. The first problem they faced was funding – as the plans needed £1.5 million to make them come true.

Unlike other clubs playing at the same level they didn't have the support of wealthy backers. So, BRFC raised £112,540 through a Community Share Issue – the first for a club in NI. This helped them approach charities and agencies to raise the additional funds needed.

At a glance

Sector: Sports
Country: United Kingdom
Customer: Ballymacash Rangers FC
Project date: February 2020

LED floodlights installed: 20
Type: Modus R1200
Lux average values: 250 Lux
Uniformity: 0.7



Our solution

The contract to build the Academy and to install the new 3G pitch was awarded to Tony Patterson Sports Grounds. They turned to us to handle all the lighting needed. As it was a completely new pitch being installed, a bespoke lighting solution was needed. One that:

- Provided the perfect lighting for the pitch – but with minimum light pollution for the surrounding area.
- Offered 24/7 flexible lighting when needed.

Our design was to build six 15 metre masts fitted with 20 of our Modus R Series lights. Perfect for sports application, Modus R lights feature as standard specialist light shields to control light spill, reduce glare, and increase uniformity. They also integrate with wired or wireless control solutions to provide the ultimate in lighting control.

Before and after technical comparison:

	BEFORE - N/A	AFTER WITH LED
Number of projectors		20
Nominal power for single appliance		1200W
Total power absorbed		24kW
Energy consumption per year		Dependent on use
Average light level		262 Lux
Uniformity		0.71
Energy savings		N/A