



Lights4Sport
FLOODLIGHTS
SOLAR PV
WIND POWER
by **EcoClub**



EcoClub[®]

Saving Cash & Carbon[®]

CONSULTANCY | DESIGN | SUPPLY | INSTALL | SERVICE | FUNDING





**DARK SKY
COMPLIANT
FLOODLIGHTS**

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**RENEWABLE
ENERGY
SOLUTIONS**



EcoClub, an Intro

We are entrepreneurs, engineers, sports fanatics, care about our planet, charitable, community minded and did we mention sports fanatics!

So, EcoClub is a combination of a business, hobby, passion and our vision for the future of generations.

Whilst we are focused on sports lighting, we also provide renewable energy systems using solar, wind and batteries to help power your lights, that's a win win for sustainability.

Saving Cash & Carbon

10 years and 150,000 LED lights installed with three National Awards is testament to our lighting, project management and sustainability expertise.

We have saved our customers more than £9 million in cash to date and countless tonnes of carbon emissions.



**We are focused on class leading products & smart techs,
delivered and installed right first time, on time.**

NEW

LIGHTS &
CONTROL

Lights4Sport

LED OUTDOOR
& INDOOR
SPORT
LIGHTING

by EcoClub

COLUMNS
& INSTALL

RETRO

DARK LICHT

We are the exclusive UK and Irish agent for the Dutch DCbright range of DARK LICHT sports floodlights. More than 400 pitches benefit from Dark Licht with a phone/PC app to dim, light 1/2, 1/3 or 1/4 pitch and to schedule lights on/off to save cash & carbon.



The most efficient quality LED lighting and advanced control system at your finger tips, with a booking scheduler to help you significantly cut electricity costs and save carbon.



Dark Licht

GLARE FREE LIGHTING

By DCbright

Patented Glare Free Adjustable Light Cut-Off

A modular parabolic optical reflector is at the heart of the patented design. Each square reflector can be aligned in different directions inside the floodlight with variable tilts to change the distributed light pattern.

As an example, the 600 watt floodlight has 8nr reflector modules, all adjustable, so this provides a multitude of light patterns so you get the light where its needed on the pitch - that's smart!

The LED light sources are recessed into the reflector, so they are not directly viewable past the cut-off angle. This modular parabolic reflector design means:

- ✓ **More of the light on the pitch = energy saving**
- ✓ **Optimum glare control for players and spectators**
- ✓ **Sharp cut-off with less light spill annoying your neighbours**
- ✓ **Reduced impact on the local ecology**
- ✓ **Minimal dark sky pollution**
- ✓ **Compliance with strict planning requirements**



Patented Design | Modular Build | Precise Optics | Adjustable Aiming

Dark Light

GLARE FREE LIGHTING

By DCbright



1. OPEN LUMINAIRE DESIGN

The Dark Light high pressure 7mm thick aluminium casting was designed specifically to produce a "thermal chimney" effect and dramatically improve cooling. Air is drawn through specific zones in the castings that cool the fitting and improve light output and reliability.

2. LOW WIND RATING

The Dark Light has a very narrow profile and reduced "sail area". The smaller size and lower wind rating reduces pole costs on new installations.

3. DARK LIGHT PATENTED MODULES

The Dark Light has 5 ground breaking features:

1. Unique Highly Efficient Reflector System®
2. Unique adjustable forward light distribution full cut-off® from 57° to 70°
3. Unique Modular Rotating Reflectors®
4. Unique Glare Free Optic®
5. Unique capability to tilt the fitting 15° above horizontal and produce Full Cut-Off. This increases the forward full cut-off range from 63° \leftrightarrow 75° to 78° \leftrightarrow 90°.

Those features are unique due to the fact there is not a single light which could match those specifications.

4. HIGH EFFICIENT LED'S

The Dark Light Series comes standard with the highest quality 3 step MacAdam Ellipse 5,000k LED's and is available with different light color if specified.

5. MOUNTING BRACKET

Universal mounting bracket, fits most standardised poles and got the option to mount the luminaire under swing.

6. DRIVER BOX

The external pressure cast aluminium driver box can be attached on the back of the Dark Light. The external box could also be placed on the bottom of the pole or elsewhere.

7. LIGHT ANGLE ADJUSTMENT

The Dark Light Series is designed to face downwards in the horizontal position. The low brightness and sharp cut off the optical systems allows the Dark Light to be tilted up 15° above horizontal and still provide full cut-off at 90°.

8. HIGH EFFICIENCY THERMAL MANAGMENT

- Passive thermal cooling management
- Active thermal control system
- Optimal airflow due to open space between lights
- Improves lumen performance and reliability

9. JUNCTION BOX

- Simply connect all cables inside J-Box
- Fitted with an breather
- All cables and glands are protected by a shield

Dark Light

GLARE FREE LIGHTING

By DCbright

DARK LIGHT STANDARD MODELS

DARK LIGHT ONE

Available versions:

320W 51 000 lm	400W 64 000 lm	600W 96 000 lm
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DARK LIGHT TWO

Available versions:

800W 128 000 lm	1200W 192 000 lm
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DARK LIGHT THREE

Available versions:

1800W 288 000 lm



PERFORMANCE SUMMARY

Highly Efficient Reflector System [®]	Modular Rotating Reflector System [®]
Adjustable Full Cut-Off [®] from 55° to 70°	Glare Free Optic [®] from 55° to 70°
CRI: Standard: >70 CRI Optional: >80 CRI, >90 CRI	Limited Warranty: 7 Years on luminaire
CCT: Standard: 5000K Optional: 2200K, 2700K, 4000K	Fixture Weight: Weight per model in spec sheet

Dutch Design.

Phone App Control | Modular System | Global | >400 Pitches Installed

Example Projects



SOCCER | RUGBY | HOCKEY | TENNIS | BOWLS | ATHLETICS

EcoClub, Saving Cash & Carbon



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EcoClub: Established Year 2000, Working Across the UK & Ireland