

THORN
LIGHTING



AQUAFORCE

Flexible and durable waterproof luminaire,
engineered for performance and value



**WE
MAKE
LIGHT
WORK**

ENGINEERED FOR PERFORMANCE AND RELIABILITY

Aquaforce from Thorn is a great value waterproof luminaire that is ideal for use in a refurbishment or new lighting installation, where good performance and high durability on a budget is key.

Featuring IP66 certified resistance to water, dust and dirt, and a tough polycarbonate shock-resistant body (rated IK08), Aquaforce is suitable for multiple industrial-based applications such as industry, logistics, storerooms, back of house areas and indoor car parks.

Four selectable lumen outputs via a DIP switch provides excellent flexibility at the point of installation; choose the lumen level to suit the area of a building.
One luminaire can therefore be installed in multiple locations.

Aquaforce is efficient, delivering up to 148 lm/W and compatible with DALI, enabling dimming control such as following the time of day and business activity schedules. In addition, an optional presence detection sensor can ensure the luminaire is lit only when needed, allowing for additional savings.

Ease of installation features include multiple conduit entry points, suitability to wall or ceiling mount, sliding mounting brackets, a tool-free cable terminal block and an easy-click diffuser. Aquaforce is quick and easy to install, use and maintain.



Industry



Manufacturing



Logistics



Storerooms



Back of House



Car Parks



AQUAFORCE

THE FLEXIBLE WATERPROOF AND IMPACT RESISTANT LUMINAIRE FOR CHALLENGING AREAS

A great solution for refurbishment projects and new lighting schemes, Aquaforce is ideal when an IP66 waterproof luminaire is required for your project. Tough on the outside and efficient on the inside, with options for sensors, wide or medium beam optics.



HIGH EFFICIENCY WITH DALI DIMMING

Aquaforce is an efficient luminaire delivering up to 148 lm/W. Compatible with DALI control systems, allowing dimming patterns to be set. Energy efficiency can be further enhanced with the use of optional microwave presence sensors.

SWITCHABLE LUMEN OUTPUT

One luminaire, four lumen outputs offer maximum flexibility during installation and efficient stockholding at wholesalers.

Configured through adjusting two dip-switches on the driver (HFLS - fixed output lumen switchable) the following lumen outputs are available:

	AQF S4300	AQF L6400
Default value	4300 lm	6400 lm
1: ON – 2: OFF	3700 lm	5500 lm
1: OFF – 2: ON	3200 lm	4600 lm
1: OFF – 2: OFF	2600 lm	3700 lm



RESISTANT TO WATER, DUST, DIRT AND IMPACT

This robust polycarbonate (PC) luminaire is resistant to the elements, with its high IP66 and IK08 rating. Featuring a clever drip-edge design to avoid dust and dirt depositing on the light output surface.

SIMPLE MOUNTING

Aquaforce is simple to install, use and maintain. Technical features such as mounting sliders, EasyClick diffuser system and the 10 conduit entry points all provide a high level of installation flexibility often required on site. In addition to ceiling mounting, Aquaforce is suitable for wall mounting, both vertically and horizontally, and allows a tool-free installation on trunking systems.

INSTALLATION



Positioning



Fixing



Mounting sliders

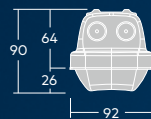


EasyClick

DISCOVER

www.thornlighting.com/AQUF

AQUAFORCE



PC

Switchable lumen output

Small: 4300 lm, 3700 lm, 3200 lm & 2600 lm / Large: 6400 lm, 5500 lm, 4600 lm & 3700 lm



DALI dimmable

Small: 4300 lm / Large: 6400 lm



Up to 148 lm/W



4000 K



80



IP66



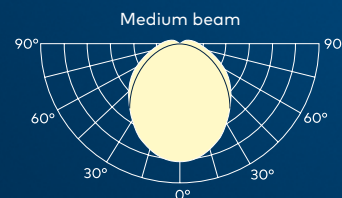
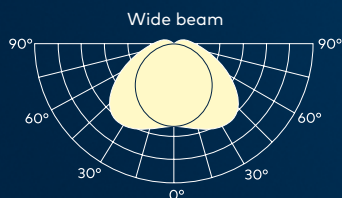
IK08



0 °C to 40 °C



50 000 h L80 @ 25 °C



Fixed Output Lumen Switchable (HFLS),
DALI (HFI), Microwave Presence Sensor (MWS) and
Microwave Presence Sensor with Corridor Function (MWCF)



3hr manual test, NiMH battery (E3)





GET IN TOUCH

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**5 YEAR
GUARANTEE**

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.
thornlighting.com/guarantee

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.
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