

THORN

AquaForce II

A new statement in reliable,
value for money IP65 luminaires



Applications

Our tough, polycarbonate body maximises vandal resistance in IP65 luminaires. Together with lighter weight, fast-fit components and connectors, AquaForce II is also easier to fit than ever before.

General building areas

- Under canopies
- Car parks
- Changing rooms
- Corridors
- Kitchens *
- Showers
- Sports stadia
- Toilets
- Pedestrian tunnels
- Agricultural buildings *

Industrial areas

- Abattoirs *
- Factories *
- Garages
- Process areas *
- Warehouses
- Boiler rooms
- Loading bays
- Plant rooms *
- Transport terminals *

* Consider chemical resistance information before specification





Chemical Resistance

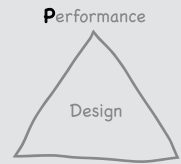
AquaForce II is suitable for environments subject to exposure to the following chemical types and chemical compounds:

Chemical type	Chemical compounds
Inorganic acids:	Nitric (<10%); sulphuric (<20%); hydrochloric (<10%); chromic (<20%); phosphoric
Inorganic salts:	Marine salts; copper sulphate; soda lime
Organics (Aliphatics):	Ethanol (alcohol); methanol (alcohol); propanol (alcohol); Methane (paraffin gas); propane (paraffin gas); formaldehyde (formalin); formic acid; stearic acid (soap); urea; ethylene glycol (anti-freeze); glucose (sugar)
Organics (aromatics):	Glycerol (glycerine)
Foodstuffs, drinks and cooking products:	Milk, fruit juices; vegetable oils (olive, sunflower, soya)*; meats (beef, lamb, pork, poultry); fish; cooking fats; alcoholic beverages (beers); carbonated beverages (lemonade); wines and spirits; water; vinegar
Gases:	Ozone; sulphur dioxide (industrial pollutant)
Building materials and paints:	Emulsion (water base); cement
Oils, fats and fuels:	Animal (not pork); silicone, petrol (paraffin); diesel
Disinfectants:	Hydrogen peroxide (<40%); sodium hypochlorite (<10%)
Cleaning agents:	Soaps

A new, highly durable IP65 luminaire for use in wet and dusty environments, where reliability and peace of mind are important

AquaForce II is a cost effective range of highly durable IP65 fluorescent fittings. Its features include easy quick-fix installation brackets with every luminaire, sturdy polycarbonate body and diffuser for maximum impact resistance, and a choice of Switchstart, High Frequency and emergency control gear.

All luminaires are made in a highly automated manufacturing process, ensuring a consistent, seamless gasket seal set into a deep channel, giving you peace of mind that AquaForce II will hold its performance in tough IP65 environments.



Comfort **Efficiency**

Performance: High light output. Eliminates glare

Efficiency: Quick to install with choice of accessories. Easy to maintain. Efficient lm/W IP65. ENEC approval

Comfort: Heightens safety and comfort. Reassuring seal

Simple to order:

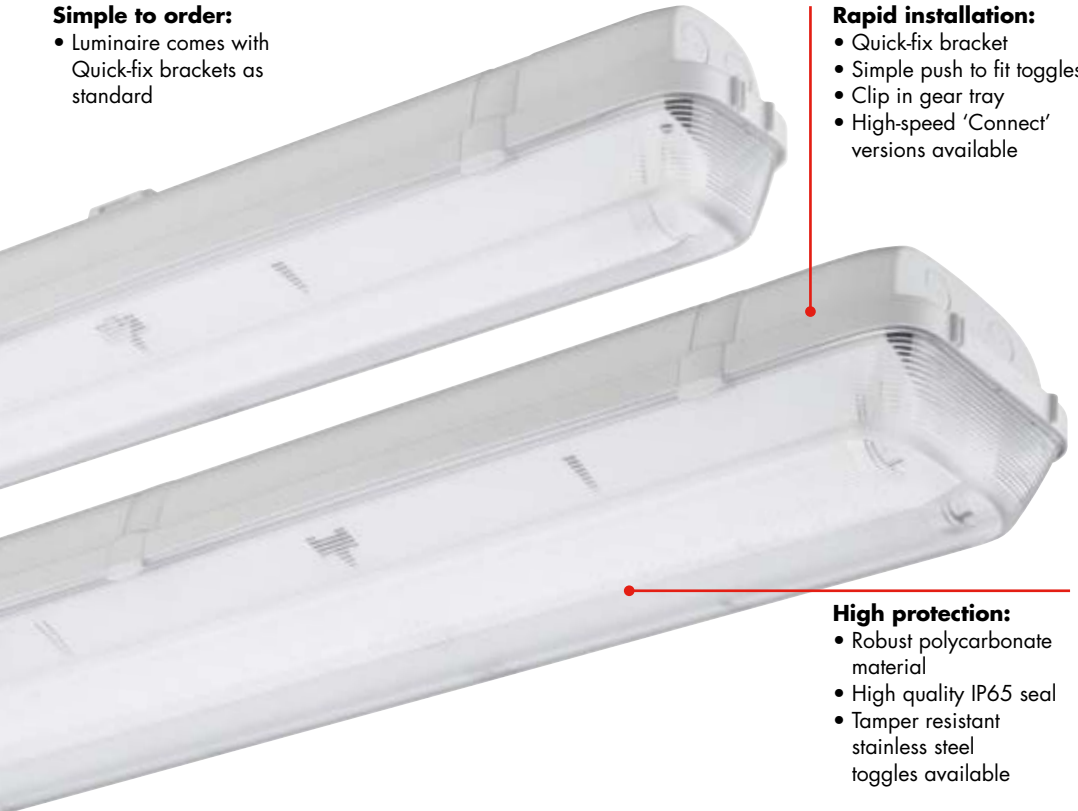
- Luminaire comes with Quick-fix brackets as standard

Rapid installation:

- Quick-fix bracket
- Simple push to fit toggles
- Clip in gear tray
- High-speed 'Connect' versions available

High protection:

- Robust polycarbonate material
- High quality IP65 seal
- Tamper resistant stainless steel toggles available





1.



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9.

1. Cable entries
2. Quick-fix bracket installed to ceiling
3. Quick-fix bracket installed to fitting
4. Deep channel and excellent gasket seal
5. Opening toggle
6. Gear tray clips into place
7. Gear tray in place
8. Through wire kit
9. Tamper resistant stainless steel toggles

Product details

Lamps

□: 36-70W T26 (FD)
linear fluorescent.
Cap: G13

Materials/Finish

Canopy and diffuser:
injection moulded fire
retardant polycarbonate.
Gear tray: sheet steel,
white enamel finish
Toggles: polycarbonate
(stainless steel available).

Installation/ Mounting

Cable entry positions at
the back and each end
of the fitting.

Stainless steel quick-fix
brackets supplied with
each luminaire. Connect
versions available with
fast electrical connection
facility.

Conduit box mounting,
chain suspension,
conduit suspension and

catenary suspension kits,
plus through wire kits
are all available (see
accessories listing)

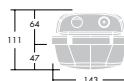
Standards

Designed and
manufactured to comply
with EN 60598.

⚡ Class I Electrical
- earthed metalwork.
850°C Fire retardant.
6N/M Impact resistant
⚠ ⚡ IP65 ⚡ CE

Ordering Guide Lamps included (Except for connect versions).

Description	Ilcos Code	Socket	Wt (Kg)	UK Cat. No.	SAP code
Switchstart versions					
AQUAF2 1x36W T26 CP I1840	FD	G13	2	AQLUS136	96503019
AQUAF2 1x58W T26 CP I1840	FD	G13	2.7	AQLUS158	96503042
AQUAF2 1x70W T26 CP I1840	FD	G13	3.0	AQLUS170	96503065
AQUAF2 2x36W T26 CP I1840	FD	G13	3.1	AQLUS236	96503088
AQUAF2 2x58W T26 CP I1840	FD	G13	4.3	AQLUS258	96503111
AQUAF2 2x70W T26 CP I1840	FD	G13	4.7	AQLUS270	96503134
High frequency versions					
AQUAF2 1x36W T26 HF I1840	FD	G13	1.7	AQLUZ136	96503023
AQUAF2 1x58W T26 HF I1840	FD	G13	2.3	AQLUZ158	96503046
AQUAF2 1x70W T26 HF I1840	FD	G13	2.6	AQLUZ170	96503069
AQUAF2 2x36W T26 HF I1840	FD	G13	2.3	AQLUZ236	96503092
AQUAF2 2x58W T26 HF I1840	FD	G13	2.9	AQLUZ258	96503115
AQUAF2 2x70W T26 HF I1840	FD	G13	3.4	AQLUZ270	96503138
High frequency Emergency versions					
AQUAF2 1x36W T26 HF E3 I1840	FD	G13	2.5	AQE3LUZ136	96503031
AQUAF2 1x58W T26 HF E3 I1840	FD	G13	3.2	AQE3LUZ158	96503054
AQUAF2 1x70W T26 HF E3 I1840	FD	G13	3.6	AQE3LUZ170	96503077
AQUAF2 2x36W T26 HF E3 I1840	FD	G13	3.1	AQE3LUZ236	96503100
AQUAF2 2x58W T26 HF E3 I1840	FD	G13	3.8	AQE3LUZ258	96503123
AQUAF2 2x70W T26 HF E3 I1840	FD	G13	4.4	AQE3LUZ270	96503146
Switchstart Connect versions					
AQUAF2 1x36W T26 CP CON I1840	FD	G13	2	AQLUC136	96503039
AQUAF2 1x58W T26 CP CON I1840	FD	G13	2.7	AQLUC158	96503062
AQUAF2 1x70W T26 CP CON I1840	FD	G13	3.0	AQLUC170	96503085
AQUAF2 2x36W T26 CP CON I1840	FD	G13	3.1	AQLUC236	96503108
AQUAF2 2x58W T26 CP CON I1840	FD	G13	4.3	AQLUC258	96503131
AQUAF2 2x70W T26 CP CON I1840	FD	G13	4.7	AQLUC270	96503154





Description	Ilcos Code	Socket	Wt (Kg)	UK Cat. No.	SAP code
High frequency Connect versions					
AQUAF2 1x36W T26 HF CON I1840	FD	G13	1.7	AQLUZC136	96503041
AQUAF2 1x58W T26 HF CON I1840	FD	G13	2.3	AQLUZC158	96503064
AQUAF2 1x70W T26 HF CON I1840	FD	G13	2.6	AQLUZC170	96503087
AQUAF2 2x36W T26 HF CON I1840	FD	G13	2.3	AQLUZC236	96503110
AQUAF2 2x58W T26 HF CON I1840	FD	G13	2.9	AQLUZC258	96503133
AQUAF2 2x70W T26 HF CON I1840	FD	G13	3.4	AQLUZC270	96503156

Accessories

Description		UK Cat. No.	SAP code
FORCE2 28/36 TW KIT	AQUAFORCE II 28/36 through wire kit	AQTW1	96503163
FORCE2 35/49/58 TW KIT	AQUAFORCE II 35/49/58 through wire kit	AQTW2	96503164
FORCE2 70 TW KIT	AQUAFORCE II 70 through wire kit	AQTW3	96503165
FORCE2 FIX KIT	AQUAFORCE II quick fix bracket (pair)	AQQFB	96503166
FORCE2 FIX/CH KIT	AQUAFORCE II chain suspension kit (10 pairs)	AQCHS	96503167
FORCE2 BESA KIT	AQUAFORCE II besa box installation kit (pair)	AQBESA	96503168
FORCE2 MRS KIT	AQUAFORCE II conduit kit (pair)	AQCOND	96503169
FORCE2 MCA KIT	AQUAFORCE II Catenary suspension kit (pair)	AQCATS	96233817
FORCE2 28/36 RS CLIP KIT	AQUAFORCE II 28/36 tamper resistant stainless steel toggle kit	AQSSTG1	96503157
FORCE2 35/49/58 RS CLIP KIT	AQUAFORCE II 35/49/58 tamper resistant stainless steel toggle kit	AQSSTG2	96503158
FORCE2 70 RS CLIP KIT	AQUAFORCE II 70 tamper resistant stainless steel toggle kit	AQSSTG3	96503159
FORCE2 28/36 PC CLIP KIT	AQUAFORCE II 28/36 polycarbonate toggle kit	AQPTG1	96503160
FORCE2 35/49/58 PC CLIP KIT	AQUAFORCE II 35/49/58 polycarbonate toggle kit	AQPTG2	96503161
FORCE2 70 PC CLIP KIT	AQUAFORCE II 70 polycarbonate toggle kit	AQPTG3	96503162



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