

# CorrosionForce II NEW

➡ T26 (FD)	G13	18-58W
➡ T16 (FDH)	G5	14-49W
AS/NZS60598	⚡ Class I Electrical	
IK02 (diffuser)	IK03 (canopy)	
⚡⚡⚡ IP65		

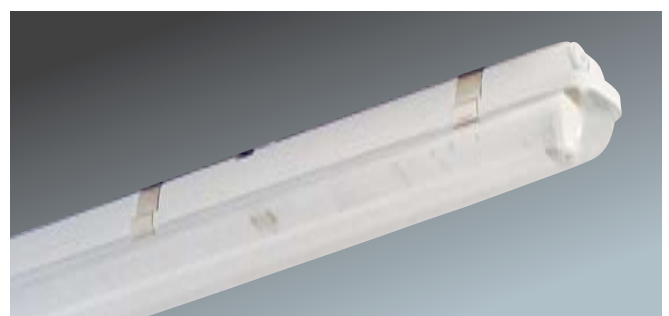
A high performance, corrosion resistant IP65 proof range. Made from materials selected to withstand aggressive atmospheres laden with salts, acids and mineral oils



CorrosionForce is constructed from materials that make it suitable for locations that are exposed to liquids or atmospheres that contain potentially corrosive chemicals. Typical applications include food processing areas, milk dairies or where specialised cleaning agents are used.

When selecting CorrosionForce for an application, please check page 169 of this catalogue for guidance or contact your local Thorn representative if there is any doubt about the suitability of a luminaire.

- Glass-fibre reinforced polyester (GRP) canopy
- Corrosion resistant PMMA (acrylic) diffuser
- Choice of T16 (T5) or T26 (T8) lamps
- High Frequency control gear
- Digital Dim options
- Good chemical resistance
- Horizontal or vertical mounting
- Stainless steel toggles
- Through wire options
- Quick-fix brackets supplied
- Low Smoke Zero Halogen (LSOH) cable fitted as standard



## Materials/Finish

Canopy: glass-fibre reinforced polyester.  
 Diffuser: AC with linear prisms.  
 Gasket: expanded polyurethane.  
 Toggles: stainless steel.  
 Gear tray: steel, white enamelled finish.

## Installation/Mounting

Cable entry positions at the back and each end of the fitting. Supplied with IP65 grommet. Stainless steel quick fix brackets supplied with each luminaire. Stainless steel toggles are captive in the canopy to prevent loss during maintenance. Steel gear tray is retained by finger operated spring latches. Accessory kits for BESA box mounting, conduit mounting, chain suspension and catenary suspension are all available.

## Specification

To specify state: high performance, IP65, dust and moisture proof corrosion resistant luminaire with GRP canopy, AC diffuser and stainless steel toggles. 18-58W T26 (T8) linear fluorescent lamps or 14-49W T16 (T5) linear fluorescent lamps, digital dimming and emergency options, with HF gear. As Thorn CorrosionForce.

CorrosionForce	Diffuser PMMA	Canopy GRP
UV RESISTANCE	GOOD	GOOD
IMPACT RESISTANCE	0.2NM	0.35NM
RESISTANCE TO AGEING	EXCELLENT	EXCELLENT
SILICONE FREE	YES	YES
HALOGEN FREE:		
LUMINAIRE	YES	YES
INTERNAL WIRING	YES	N/A
FOOD GRADE CERTIFICATION (15° ANGLE)	YES	YES
GLOW WIRE TEST	650°C	850°C
HEAT RESISTANCE OF LUMINAIRE PLASTICS	95°C	160°C
UV TRANSMITTANCE	91%	N/A

## Ordering Guide

Lamps must be ordered separately.

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
<b>T16 High Frequency versions</b>				
CORRF2 1X14W T16 HF L000	FDH	G5	0.9	96059437
CORRF2 1X28W T16 HF L000	FDH	G5	1.9	96234544
CORRF2 1X49W T16 HF L000	FDH	G5	2.3	96234568
CORRF2 2X14W T16 HF L000	FDH	G5	1.6	96059438
CORRF2 1X28W T16 HF L000	FDH	G5	2.6	96234588
CORRF2 2X49W T16 HF L000	FDH	G5	3.2	96234612
<b>T16 High Frequency Digital Dimming Versions</b>				
CORRF2 1X14W T16 HFD L000	FDH	G5	1.5	96059439
CORRF2 1X28W T16 HFD L000	FDH	G5	2.3	96234546
CORRF2 1X49W T16 HFD L000	FDH	G5	2.7	96234570
CORRF2 2X14W T16 HFD L000	FDH	G5	2.1	96059440
CORRF2 2X28W T16 HFD L000	FDH	G5	3.0	96234590
CORRF2 2X49W T16 HFD L000	FDH	G5	4.6	96234614
<b>T26 High Frequency Versions</b>				
CORRF2 1X18W T26 HF L000	FD	G13	0.9	96234928
CORRF2 1X36W T26 HF L000	FD	G13	1.9	96234474
CORRF2 1X58W T26 HF L000	FD	G13	2.5	96234488
CORRF2 2X18W T26 HF L000	FD	G13	1.6	96234929
CORRF2 2X36W T26 HF L000	FD	G13	2.6	96234510
CORRF2 2X58W T26 HF L000	FD	G13	3.2	96234524
<b>T26 High Frequency Digital Dimming Versions</b>				
CORRF2 1X18W T26 HFD L000	FD	G13	1.5	96234930
CORRF2 1X36W T26 HFD L000	FD	G13	2.3	96234476
CORRF2 1X58W T26 HFD L000	FD	G13	2.8	96234490
CORRF2 2X18W T26 HFD L000	FD	G13	2.1	96234931
CORRF2 2X36W T26 HFD L000	FD	G13	2.8	96234512
CORRF2 2X58W T26 HFD L000	FD	G13	3.5	96234526

HF - High frequency, HFD - High frequency dimming, L000 - Lamps not included

