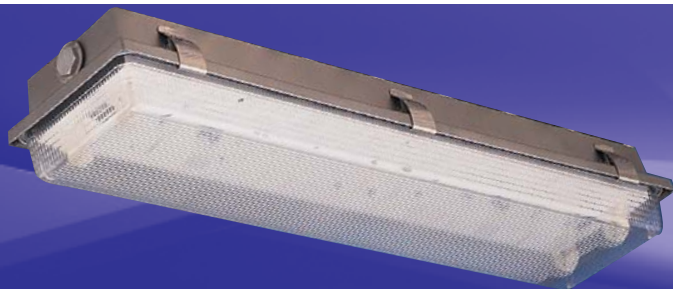# STERLING

STAINLESS
Ex n FLUORESCENT

The Sterling stainless is a robust quality luminaire designed to provide instant glare free white light at low mounting heights.

The stainless steel body and polycarbonate diffuser secured with multiple stainless steel clips ensure excellent corrosion resistance and rapid access for installation and maintenance. The stainless steel body is designed to provide high impact strength and resistance to those chemicals which might damage GRP. The protection is Ex n for ignitable gas applications and dust excluding, IP6X, for use in ignitable dust applications.

The Sterling is certified under the ATEX 94-9-EC directive for Categories 3 G and 3 D. The range is suitable for T8 tubular fluorescent lamps in 18/38/58W sizes. Electronic high frequency control gear is fitted as standard, conventional low loss control gear with electronic start is also available as an option.

Standard Specification

Type of Protection	**Ex nA (Non-sparking) Dust protected enclosure**
ATEX Classification	**Group II Category 3 G D**
Area Classification	**Zone 2 and Zone 22 areas to EN 60079-10 and EN 50281-3 with installation to EN 60079-14 and EN 50281-1-2**
Apparatus Standard	**EN 50021 EN 50281-1-1**
Certificate	**EC Type Examination Certificate BAS01ATEX3052X**
Coding	**⟨Ex⟩ II 3 G D EEx nA II (refer to table for T rating and Ambient)**
Enclosure	**Marine grade stainless steel body with polycarbonate diffuser and stainless steel retaining clips**
Reflector	**White polyester painted zinc coated steel**
Entry	**3 x 20mm diameter holes, 2 at one end and 1 at the other end**
Termination	**3 core 4mm² max. conductor with looping and through wiring 16A rating**
Installation	**Two clearance holes for M8 fasteners located on rear of body, sealing washers provided**
Lampholder	**G13 (Bi-pin)**
Lamp Type	**T8 tubular fluorescent**
Control Gear	**High Frequency ballast housed within sealed enclosure**
Relamping	**Access via front diffuser secured by quick release stainless steel clips**
Burning Position	**Universal**
Ingress Protection	**IP65 to EN 60529**
Electrical Supply	**220-240V 50/60Hz, 254V 50Hz (Other voltage and frequencies available)**

Features

Marine grade stainless steel body
and polycarbonate diffuser

3 clips per side on 18W, 4 on 36W
and 5 on 58W

Mains connection terminals
fixed to body

Gear tray suspended and fitted with control gear
for ease of maintenance

High frequency control gear gives 50/60Hz operation, high power factor correction
and regulation of lamp output.

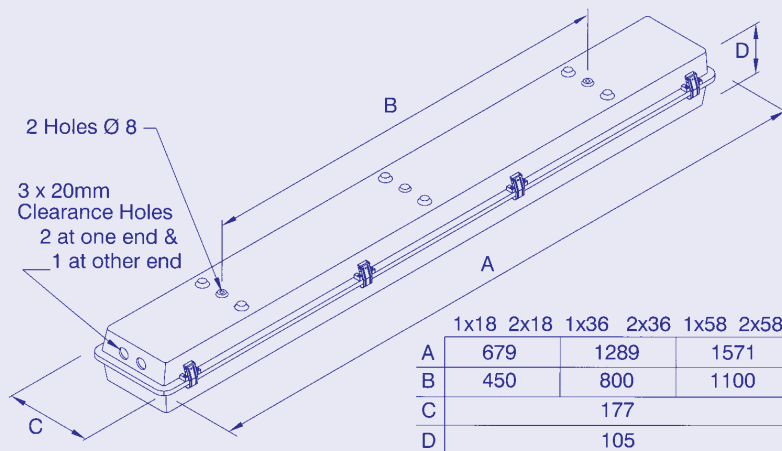| Std. Cat No.	Wattage	T Class (Gas)	T°C (Dust)	Ambient °C	Weight
STSN/118/BI*	1x18W	T4	95	45	4.2kg
STSN/218/BI	2x18W	T4	95	45	3.6kg
STSN/136/BI*	1x36W	T4	95	50	4.2kg
STSN/236/BI	2x36W	T4	95	50	4.8kg
STSN/158/BI*	1x58W	T4	95	40	6.1kg
STSN/258/BI	2x58W	T4	95	35	6.5kg

* Single lamp versions are in twin bodies.

Dust only version (STSU/___) available. Contact sales for information.

Options - Suffix to Catalogue No.

/___ Specific voltage (120, 220 or 254 copper & iron versions only)

/ES Copper and iron control gear

/60 60Hz (copper and iron versions only)

/MF Mains fuse

/25 3 x 25mm cable entries attached

/CM c/w offset ceiling mounting brackets

/TE Threaded entry pads

/EB End mounting brackets attached

/EL Extra live termination (compatible with 4-core switched emergency circuits)

Applications

Zone 2 hazardous areas

Harsh and corrosive environments

Petrochemical process areas

Pharmaceutical industry

Tunnel lighting

Sewage treatment plants

Distilleries

Walkways

2 Holes Ø 8

3 x 20mm Clearance Holes 2 at one end & 1 at other end

B

A

C

D

	1x18	2x18	1x36	2x36	1x58	2x58
A	679		1289		1571	
B	450		800		1100	
C			177			
D			105			

Accessories (Should be ordered separately) — **Catalogue Order Code**

Pole mounting bracket assembly (38/50 diameter poles)	**SSTGN-1008**
C' form hook type ceiling bracket assembly	**SSTGN-0007**
Flush mounted wall bracket assembly	**SSTGN-0006**
18W wall mounting outreach bracket (use with SSTGN-1008)	**NPRO4-0008**
36W wall mounting outreach bracket (use with SSTGN-1008)	**NPRO4-0012**
58W wall mounting outreach bracket (use with SSTGN-1008)	**NPRO4-0022**