

# STERLING E

## STAINLESS

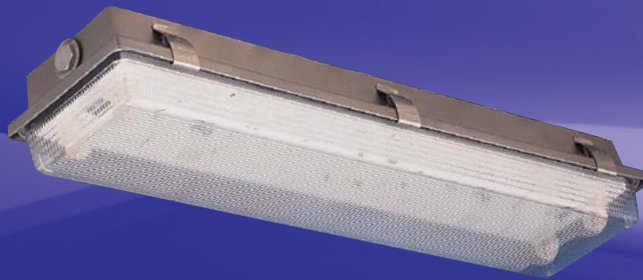
# EMERGENCY LIGHTING

## Ex n FLUORESCENT

The Sterling stainless emergency 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 with IP65 sealing for ignitable gas and dust applications.  
A dust only version is also available.

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

### Features

Type of Protection	Ex nA (Non-sparking) Dust protected enclosure	Marine grade stainless steel body and polycarbonate diffuser
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	3 clips per side on 18W, 4 on 36W and 5 on 58W
Apparatus Standard	EN 50021 EN 50281-1-1	Mains connection terminals fixed to body
Certificate	EC Type Examination Certificate BAS01ATEX3052X	
Coding	⊕ II 3 G D EEx nA II (refer to table for T rating and Ambient)	Gear tray suspended and fitted with control gear for ease of maintenance
Enclosure	Marine grade stainless steel body with polycarbonate diffuser and stainless steel retaining clips	High frequency control gear gives 50/60Hz operation, high power factor correction and regulation of lamp output.
Reflector Entry	White polyester painted zinc coated steel 3 x 20mm diameter holes, 2 at one end and 1 at the other end	Long life nickel cadmium batteries
Termination	4 core 4mm <sup>2</sup> max. conductor with looping and through wiring 16A rating	Switchable mains supply for local operation
Installation	Two clearance holes for M8 fasteners located on rear of body, sealing washers provided	LED charge indicator
Lampholder	G13 (Bi-pin)	
Lamp Type	T8 tubular fluorescent	
Control Gear	High Frequency ballast housed within sealed enclosure, electronic charger/inverter housed in sealed enclosure, Ni-Cd batteries	
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	
Battery	Ni-Cd battery 6V 4Ah 5 cell	
Duration	3 hours	
Emergency Output	36W 10% of one lamp, 58W 8% of one lamp	

# ATEX CATEGORY 3 ZONE 2 & 22 APPLICATIONS

Std. Cat No.	Wattage	T Class (Gas)	T°C (Dust)	Ambient °C	Weight
STSN/136/BI/EM*	1x36W	T4	95	45	6.6kg
STSN/236/BI/EM	2x36W	T4	95	45	8.2kg
STSN/158/BI/EM*	1x58W	T4	95	35	7.2kg
STSN/258/BI/EM	2x58W	150°C T3	95	35	9.1kg

\* Single lamp versions are in twin bodies.

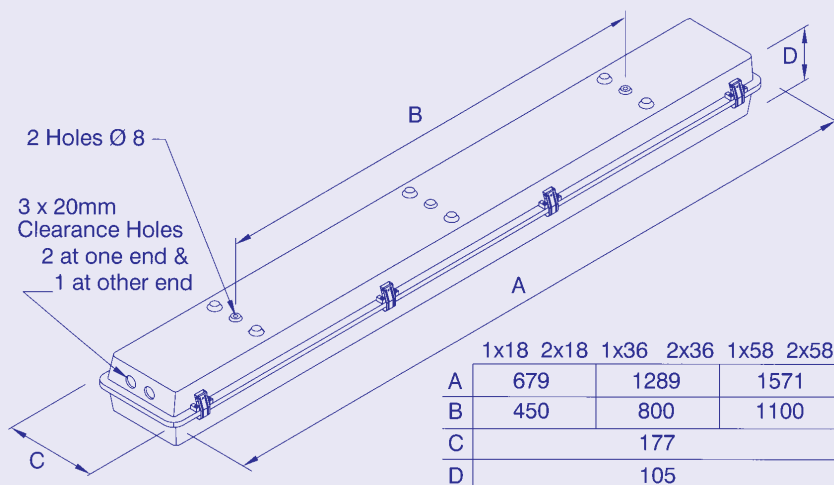
Dust only version (STSU/\_\_\_) available. Contact sales for information.

## Options - Suffix to Catalogue No.

/NM	Non-maintained (single lamp version only)
/MF	Mains fuse
/25	3 x 25mm cable entries
/CM	c/w offset ceiling mounting brackets attached
/TE	Threaded entry pads
/EB	End mounting brackets attached

## Applications

Zone 2 hazardous areas  
 Harsh and corrosive environments  
 Petrochemical process areas  
 Pharmaceutical industry  
 Tunnel lighting  
 Sewage treatment plants  
 Distilleries • Walkways



## 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 SPRO4-0003)	NPRO4-0008
36W wall mounting outreach bracket (use with SPRO4-0003)	NPRO4-0012
58W wall mounting outreach bracket (use with SPRO4-0003)	NPRO4-0022

Product design and specifications are subject to change without notice, please check the Chalmit website for latest specifications.