EX-PROOF LED FLOODLIGHT
SXF80 Series

sopex
save our planet

✔ **COMPACT**
✔ **ROBUST**
✔ **LIGHTWEIGHT**
✔ **VIBRATION-PROOF**

SXF8012

SXF8011

SXF8013

Ex | IECEx | ZONE 1,2 | ZONE 21,22 | IP 66 67

IK 08 | T6 T5 T4 | LED Ex | ELV Dimming

100,000 Hrs Lifetime | IEC 60533 EMC for Ships

Bureau Veritas | ClassNK

TECHNICAL INFORMATION

Certification
ATEX and IECEx approvals certified by BV and ClassNK for Zones 1/2 & 21/22 applications
Ex db eb op is IIC T6/T5/T4 Gb and Ex tb op is IIIC T80°C/T100°C/T135°C Db
IP66 and IP67 Ingress Protection
IK08 Impact Protection

Housing
Marine grade seawater resistant aluminium alloy body with anti-corrosion powder coating
SUS316 stainless steel mounting bracket, protection guard and external fasteners
RAL5002 Ultramarine blue colour

Electric
Integrated ACIC light engine supports dual voltage AC100V-120V/220V-240V
ELV dimming support
Power factor >0.99

Lifespan
Ultra-long LED service life of 100,000 hours @ 40°C

Connection
1x M20 Ex de cable gland for non-armoured cable of diameter 11mm to 15mm
Option for additional and/or different size cable glands
Ex e external GRP junction box with terminals up to 4mm²

Beam Angle
Available in both narrow and wide beams

EMC
IEC 60533 electromagnetic compatibility to all maritime vessels and offshore MDUs

CERTIFICATIONS

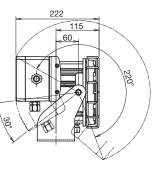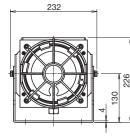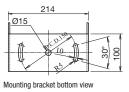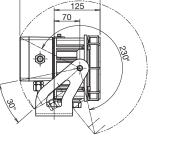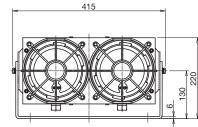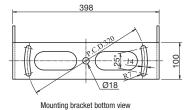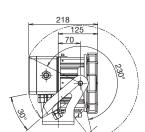|	SXF8011	SXF8012 / SXF8013
ATEX Directive (2014/34/EU) **EPS 18 ATEX 1 191 X** **IECEx EPS 18.0097X**	⟨Ex⟩ II 2 GD Ex db eb op is IIC T6/T5 Gb Ex tb op is IIIC T80°C/T100°C Db -40°C ≤ T_{amb} ≤ +40°C/+50°C	⟨Ex⟩ II 2 GD Ex db eb op is IIC T6/T5/T4 Gb Ex tb op is IIIC T80°C/T100°C/T135°C Db -40°C ≤ T_{amb} ≤ +30°C/+40°C/+50°C

MEASUREMENTS

SXF8011

Mounting bracket bottom view

SXF8012

Mounting bracket bottom view

SXF8013

Mounting bracket bottom view

ORDER CODES

BH Code	Type	Main Voltage	Power	CCT	Beam Angle	System Lumen	Peak Candlepower	Weight
CIGLASXF8011W	SXF8011W	100V - 120VAC / 220V - 240VAC	78W	5000K	108°	6000lm	2000cd	5.8Kg
CIGLASXF8011N	SXF8011N	100V - 120VAC / 220V - 240VAC	78W	5000K	36°	5680lm	7500cd	6.0Kg
CIGLASXF8012W	SXF8012W	100V - 120VAC / 220V - 240VAC	156W	5000K	108°	12000lm	4000cd	11.5Kg
CIGLASXF8012N	SXF8012N	100V - 120VAC / 220V - 240VAC	156W	5000K	36°	11800lm	16000cd	11.7Kg
CIGLASXF8013W	SXF8013W	100V - 120VAC / 220V - 240VAC	234W	5000K	108°	17100lm	6400cd	17.0Kg
CIGLASXF8013N	SXF8013N	100V - 120VAC / 220V - 240VAC	234W	5000K	36°	16900lm	22000cd	17.3Kg

** Optional DC24V