

# EX-PROOF LED FLOODLIGHT

## SXF80 Series

- ✓ **COMPACT**
- ✓ **ROBUST**
- ✓ **LIGHTWEIGHT**
- ✓ **VIBRATION-PROOF**



SXF8011



SXF8012



SXF8013



## TECHNICAL INFORMATION

|                      |                                                                                                                                                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Certification</b> | ATEX and IECEx approvals certified by BV and ClassNK for Zones 1/2 & 21/22 applications<br>Ex db eb op is IIC T6/T5/T4 Gb and Ex tb op is IIIC T80°C/T100°C/T135°C Db<br>IP66 and IP67 Ingress Protection<br>IK08 Impact Protection |
| <b>Housing</b>       | Marine grade seawater resistant aluminium alloy body with anti-corrosion powder coating<br>SUS316 stainless steel mounting bracket, protection guard and external fasteners<br>RAL5002 Ultramarine blue colour                      |
| <b>Electric</b>      | Integrated ACIC light engine supports dual voltage AC100V-120V/220V-240V<br>ELV dimming support<br>Power factor >0.99                                                                                                               |
| <b>Lifespan</b>      | Ultra-long LED service life of 100,000 hours @ 40°C                                                                                                                                                                                 |
| <b>Connection</b>    | 1x M20 Ex de cable gland for non-armoured cable of diameter 11mm to 15mm<br>Option for additional and/or different size cable glands<br>Ex e external GRP junction box with terminals up to 4mm <sup>2</sup>                        |
| <b>Beam Angle</b>    | Available in both narrow and wide beams                                                                                                                                                                                             |
| <b>EMC</b>           | IEC 60533 electromagnetic compatibility to all maritime vessels and offshore MDUs                                                                                                                                                   |

## CERTIFICATIONS

### SXF8011

**ATEX Directive (2014/34/EU)**  
**EPS 18 ATEX 1 191 X**  
**IECEX EPS 18.0097X**

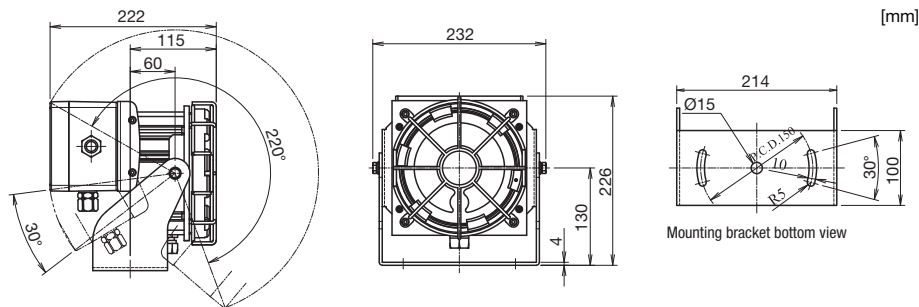
**Ex II 2 GD**  
Ex db eb op is IIC T6/T5 Gb  
Ex tb op is IIIC T80°C/T100°C Db  
 $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}/+50^{\circ}\text{C}$

### SXF8012 / SXF8013

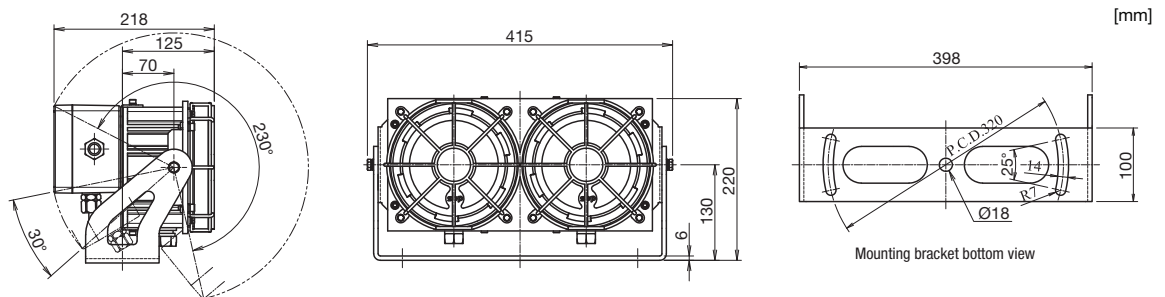
**Ex II 2 GD**  
Ex db eb op is IIC T6/T5/T4 Gb  
Ex tb op is IIIC T80°C/T100°C/T135°C Db  
 $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +30^{\circ}\text{C}/+40^{\circ}\text{C}/+50^{\circ}\text{C}$

## MEASUREMENTS

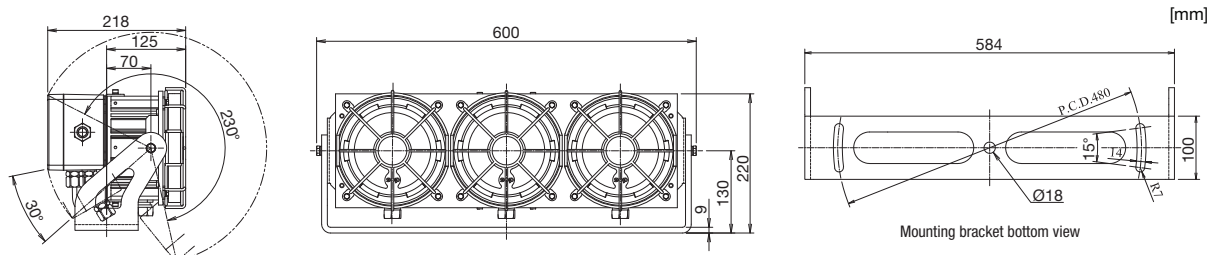
### SXF8011



### SXF8012



### SXF8013



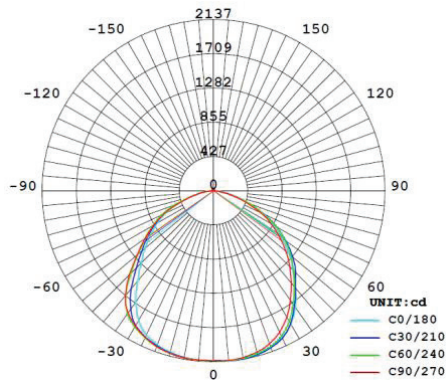
## ORDER CODES

| BH Code       | IMPA No. | Main Voltage                    | Power | CCT   | Beam Angle | System Lumen | Peak Candlepower | Weight |
|---------------|----------|---------------------------------|-------|-------|------------|--------------|------------------|--------|
| CIGLASXF8011W | 791845   | 100V - 120V AC / 220V - 240V AC | 78W   | 5000K | 108°       | 6000lm       | 2000cd           | 5.8Kg  |
| CIGLASXF8011N | 791865   | 100V - 120V AC / 220V - 240V AC | 78W   | 5000K | 36°        | 5680lm       | 7500cd           | 6.0Kg  |
| CIGLASXF8012W | 791875   | 100V - 120V AC / 220V - 240V AC | 156W  | 5000K | 108°       | 12000lm      | 4000cd           | 11.5Kg |
| CIGLASXF8012N | 791880   | 100V - 120V AC / 220V - 240V AC | 156W  | 5000K | 36°        | 11800lm      | 16000cd          | 11.7Kg |
| CIGLASXF8013W | 791885   | 100V - 120V AC / 220V - 240V AC | 234W  | 5000K | 108°       | 17100lm      | 6400cd           | 17.0Kg |
| CIGLASXF8013N | 791925   | 100V - 120V AC / 220V - 240V AC | 234W  | 5000K | 36°        | 16900lm      | 22000cd          | 17.3Kg |

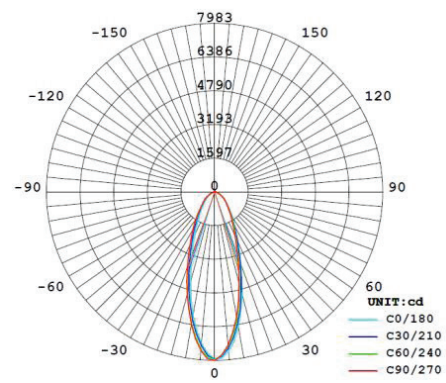
\*\* Optional DC24V

## PHOTOMETRIC DATA

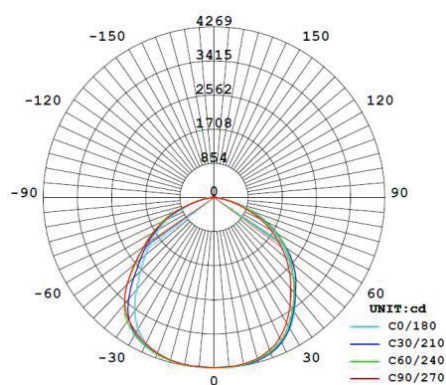
**SXF8011W**



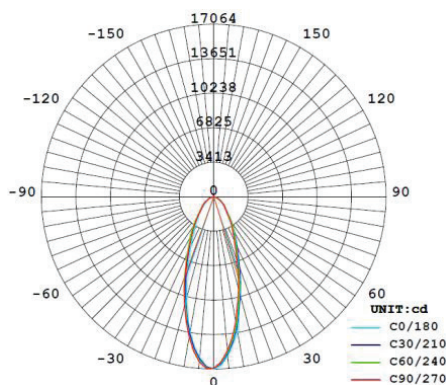
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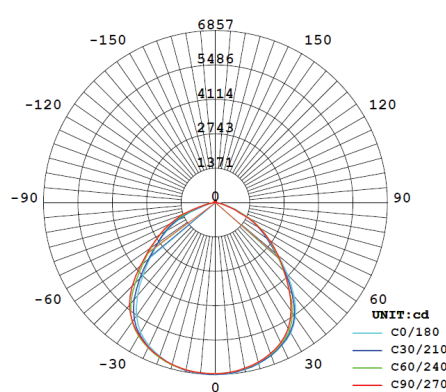
**SXF8012W**



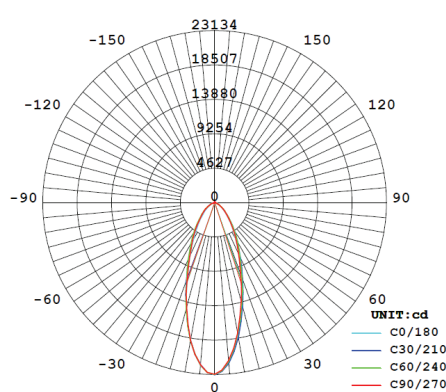
**SXF8012N**



**SXF8013W**



**SXF8013N**



Contact: +971507924960  
Email: sales@industrytechstore.com