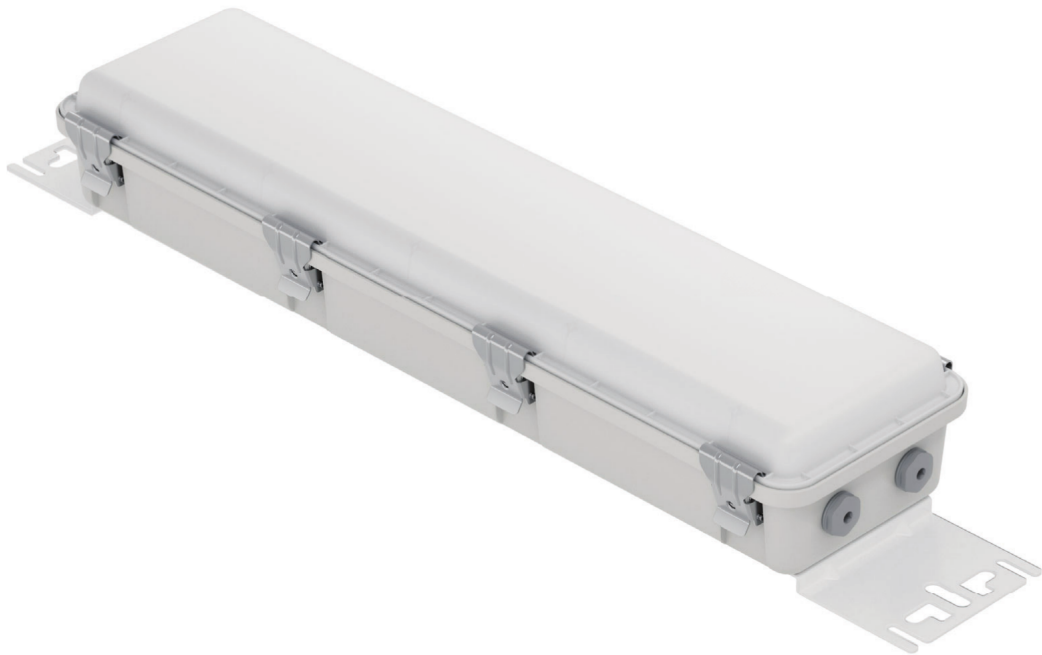


SIRIUS GEN2 WHITE

Marine Grade — 230V 0.6m — 26W



Features

Marine grade — outdoor & indoor marine environment (CX, ISO 9223-2012)

IP66/67 & IK11 (50J) impact resistant

GRP housing with 316L stainless steel brackets

Through-wiring function (2.5mm²)

Wide voltage range 100–240 VAC

Ambient temperature -40°C to +50°C

Replaceable LED module & driver

5 year warranty

CCT selectable

2CCT — 3000K / 4000K

Standard CCT

Warm White: 3000K

Lumen Output

3000K: 3600 lm

Control

On/Off

Installation

Surface mounted • 5 pole connectors (0.5–4mm²) • Through-wiring

System Wattage

26W

Neutral White: 4000K

4000K: 3800 lm

CE

RoHS

IP66/67

IK11 (50J)

Class I

100-240V

DNV

UL 94 5VA

Technical Specifications



SIRIUS GEN2 WHITE Marine Grade — 230V 0.6m — 26W

Electrical

Input Voltage	100-240 VAC
Frequency	50/60 Hz
System wattage	26W
Power Factor @ 230Vac	0.95
THD	< 10%
Inrush current	40A pk Max
Inrush time	200 µs
Surge protection	10 kV (L/N-Ground)
Power consumption tolerance	± 7%

Max. Load on Breaker

MCB 16A B type	12 units
MCB 16A C type	20 units

Protection

IP Class	IP66/67
IK Class	IK11 (50J)
Safety Class (IEC)	Class I
Glow-wire test	960°C
Flammability rating	UL 94 5VA
Environment classification	CX (ISO 9223-2012)

Measurement

Overall length	744 mm
Overall width	164 mm
Overall height	103 mm

Photometric

LED module lumen	3600 / 3800 lm
Beam angle	105°
CRI	80
SDCM (McAdam)	3 steps
Flicker (PstLM)	< 1
Stroboscopic Effect (SVM)	< 0.4
Optical type	Diffuser

Life Span

L90 lifetime (Ta 25°C)	50,000 hrs
L80 lifetime (Ta 25°C)	100,000 hrs
Driver failure rate @50,000h	5%

Material

Housing material	GRP
Optical material	Impact resistant PC
Installation brackets	316L stainless steel
Cable entry	1 × M20 Gland
Blind caps	3 × M20

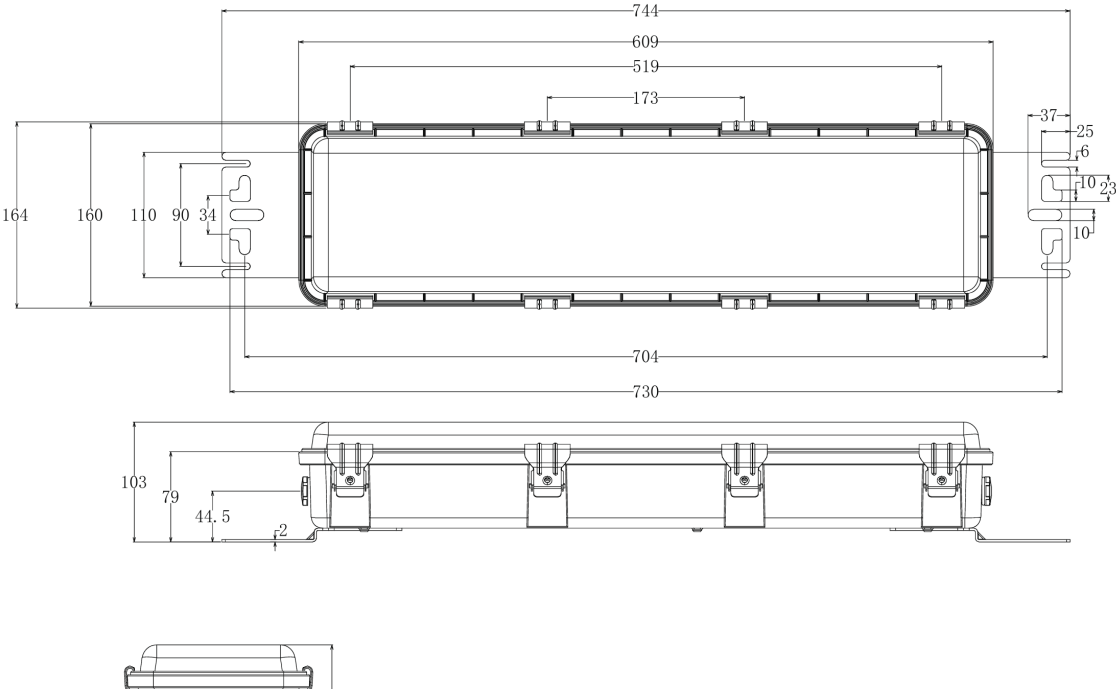
Working Condition

Ambient temperature	-40°C to +50°C
Performance temp. (Tq)	+25°C
Outdoor marine environment	Yes
Indoor marine environment	Yes

General

EAN13	5710010120609
Light source type	LED
LED modules	1 pcs
LED module replaceable	Yes
Driver included	Yes
Driver replaceable	Yes
Control and dimming	On/Off
Connection type	5 pole connectors, 0.5–4mm²
Through-wiring	Yes (2.5mm²)
Installation method	Surface mounted

Dimension drawings

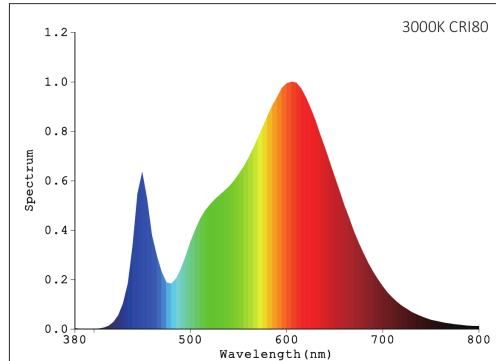
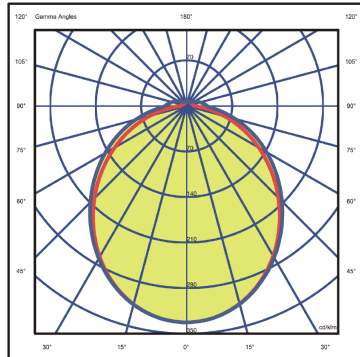


Light Distribution



Polar diagrams & spectrum — 3000K & 4000K

3000K CRI80



4000K CRI80

